

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053413.D
 Acq On : 3 May 2022 12:05
 Operator : CG/JU
 Sample : PB144515BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144515BS

Manual Integrations
 APPROVED

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

Quant Time: May 04 06:06:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	28696	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	116509	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	87557	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	211122	20.000	ng	0.00
76) Chrysene-d12	21.751	240	224592	20.000	ng	0.00
86) Perylene-d12	25.040	264	229606	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	224868	134.327	ng	0.00
7) Phenol-d6	7.264	99	316711	122.683	ng	0.00
23) Nitrobenzene-d5	9.262	82	218881	76.280	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	155720	111.788	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	472536	74.418	ng	0.00
79) Terphenyl-d14	20.070	244	994774	74.806	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	24347	30.455	ng	96
3) Pyridine	3.945	79	62129	29.466	ng	# 94
4) n-Nitrosodimethylamine	3.857	42	43956	42.098	ng	# 92
6) Aniline	7.423	93	113003	37.771	ng	96
8) 2-Chlorophenol	7.670	128	80745	44.678	ng	97
9) Benzaldehyde	7.229	77	60841m	39.428	ng	
10) Phenol	7.294	94	109780	42.722	ng	90
11) bis(2-Chloroethyl)ether	7.511	93	75868	40.958	ng	90
12) 1,3-Dichlorobenzene	7.987	146	84610	40.289	ng	95
13) 1,4-Dichlorobenzene	8.134	146	83274	38.895	ng	96
14) 1,2-Dichlorobenzene	8.457	146	81746	39.594	ng	94
15) Benzyl Alcohol	8.339	79	90812m	39.576	ng	
16) 2,2'-oxybis(1-Chloropr...	8.621	45	123724	40.007	ng	97
17) 2-Methylphenol	8.545	107	73814	42.449	ng	95
18) Hexachloroethane	9.185	117	32538	40.528	ng	97
19) n-Nitroso-di-n-propyla...	8.903	70	72593	38.410	ng	97
20) 3+4-Methylphenols	8.874	107	99134	40.385	ng	91
22) Acetophenone	8.921	105	127563	39.465	ng	# 94
24) Nitrobenzene	9.309	77	112854	40.435	ng	# 89
25) Isophorone	9.826	82	197538	40.502	ng	99
26) 2-Nitrophenol	10.019	139	47024	40.292	ng	97
27) 2,4-Dimethylphenol	10.078	122	78075	46.710	ng	91
28) bis(2-Chloroethoxy)met...	10.307	93	104964	38.308	ng	99
29) 2,4-Dichlorophenol	10.560	162	84111	40.028	ng	96
30) 1,2,4-Trichlorobenzene	10.771	180	89722	37.726	ng	96
31) Naphthalene	10.965	128	241289	38.818	ng	99
32) Benzoic acid	10.243	122	34932m	33.313	ng	
33) 4-Chloroaniline	11.065	127	84177	31.623	ng	95
34) Hexachlorobutadiene	11.247	225	64669	36.606	ng	98
35) Caprolactam	11.835	113	28059m	37.883	ng	
36) 4-Chloro-3-methylphenol	12.187	107	96473	39.436	ng	92
37) 2-Methylnaphthalene	12.557	142	176873	38.455	ng	# 95
38) 1-Methylnaphthalene	12.780	142	167115	37.222	ng	92
40) 1,2,4,5-Tetrachloroben...	12.927	216	113323	38.108	ng	99
41) Hexachlorocyclopentadiene	12.910	237	115148	75.010	ng	94
43) 2,4,6-Trichlorophenol	13.168	196	73836	36.012	ng	96

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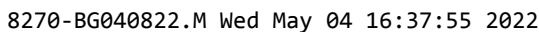
Quant Time: May 04 06:06:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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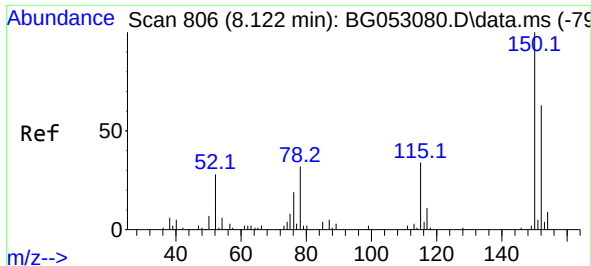
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	80432	36.814	ng	95
46) 1,1'-Biphenyl	13.562	154	239486	37.982	ng	99
47) 2-Chloronaphthalene	13.603	162	188040	37.380	ng	96
48) 2-Nitroaniline	13.803	65	75598	39.599	ng	94
49) Acenaphthylene	14.449	152	318995	40.509	ng	97
50) Dimethylphthalate	14.173	163	263617	37.643	ng	99
51) 2,6-Dinitrotoluene	14.296	165	57625	39.443	ng	86
52) Acenaphthene	14.789	154	222737m	41.709	ng	
53) 3-Nitroaniline	14.625	138	51998	33.659	ng	98
54) 2,4-Dinitrophenol	14.836	184	62584	67.324	ng	# 84
55) Dibenzofuran	15.124	168	308467	36.889	ng	98
56) 4-Nitrophenol	14.942	139	92006	78.089	ng	# 74
57) 2,4-Dinitrotoluene	15.083	165	82294	39.565	ng	# 83
58) Fluorene	15.770	166	254459	37.677	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.353	232	77898	36.714	ng	100
60) Diethylphthalate	15.530	149	271512	37.003	ng	100
61) 4-Chlorophenyl-phenyle...	15.759	204	140363	36.663	ng	98
62) 4-Nitroaniline	15.788	138	63214	38.778	ng	# 80
63) Azobenzene	16.047	77	276599	37.389	ng	95
65) 4,6-Dinitro-2-methylph...	15.853	198	50551	34.320	ng	94
66) n-Nitrosodiphenylamine	15.970	169	229984	37.881	ng	99
67) 4-Bromophenyl-phenylether	16.652	248	99909	36.932	ng	95
68) Hexachlorobenzene	16.781	284	109985	37.542	ng	92
69) Atrazine	16.916	200	102453	43.201	ng	98
70) Pentachlorophenol	17.127	266	111328	69.532	ng	89
71) Phenanthrene	17.509	178	446951	38.758	ng	98
72) Anthracene	17.603	178	450132	39.400	ng	98
73) Carbazole	17.873	167	424394	38.215	ng	99
74) Di-n-butylphthalate	18.420	149	494342	39.249	ng	98
75) Fluoranthene	19.518	202	594023	40.186	ng	98
77) Benzidine	19.689	184	282447	44.077	ng	99
78) Pyrene	19.883	202	598896	37.442	ng	98
80) Butylbenzylphthalate	20.752	149	226030	37.903	ng	95
81) Benzo(a)anthracene	21.733	228	600006	39.073	ng	97
82) 3,3'-Dichlorobenzidine	21.639	252	180457	31.954	ng	99
83) Chrysene	21.803	228	542441	38.062	ng	99
84) Bis(2-ethylhexyl)phtha...	21.621	149	321097	39.835	ng	99
85) Di-n-octyl phthalate	22.855	149	541412	40.161	ng	97
87) Indeno(1,2,3-cd)pyrene	28.823	276	665928	39.038	ng	# 97
88) Benzo(b)fluoranthene	24.000	252	606333	41.854	ng	98
89) Benzo(k)fluoranthene	24.065	252	592809m	41.636	ng	
90) Benzo(a)pyrene	24.893	252	595112	48.221	ng	96
91) Dibenzo(a,h)anthracene	28.876	278	576164	41.037	ng	98
92) Benzo(g,h,i)perylene	30.004	276	572840	41.395	ng	96

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

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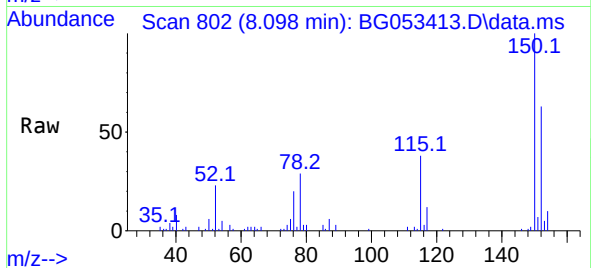
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.098 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

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PB144515BS

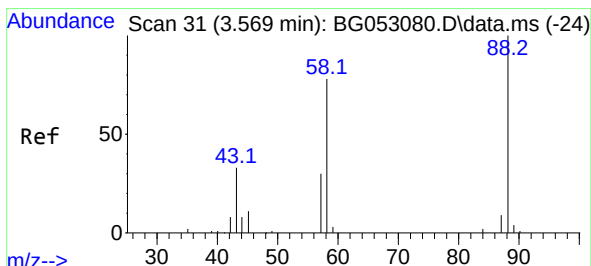
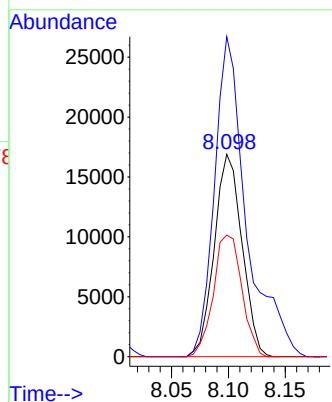
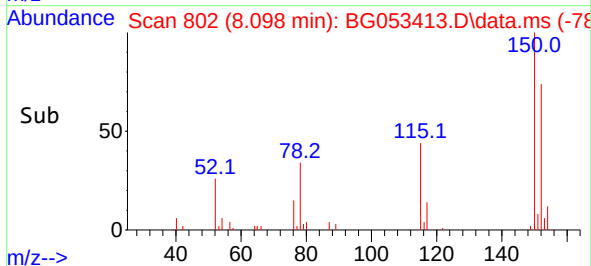


Tgt Ion:152 Resp: 28690
Ion Ratio Lower Upper
152 100
150 158.1 114.6 172.0
115 60.1 45.9 68.9

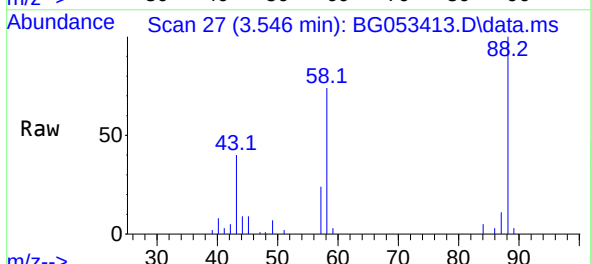
Manual Integrations

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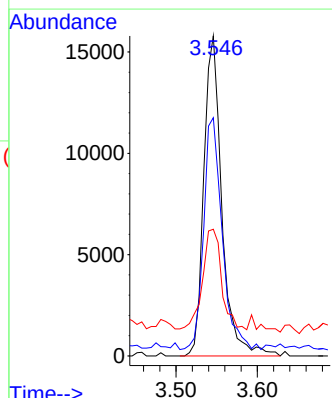
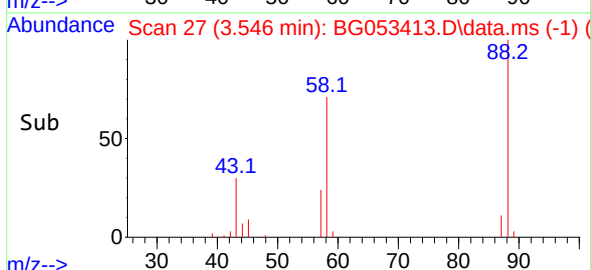
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

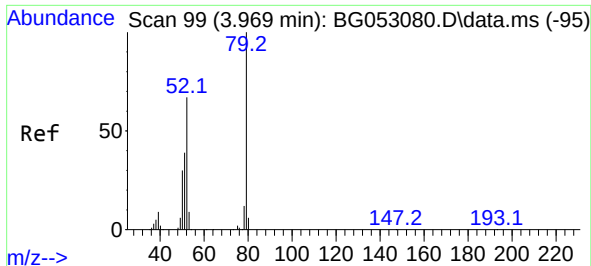


#2
1,4-Dioxane
Concen: 30.455 ng
RT: 3.546 min Scan# 27
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion: 88 Resp: 24347
Ion Ratio Lower Upper
88 100
58 74.7 58.2 87.2
43 33.7 23.4 35.0





#3
Pyridine
Concen: 29.466 ng
RT: 3.945 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

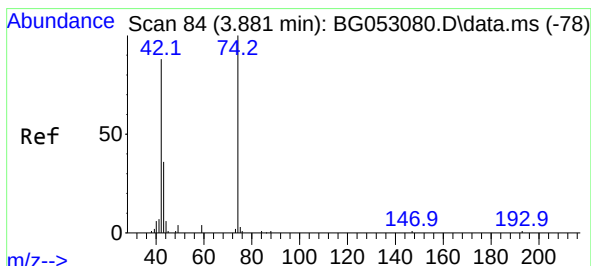
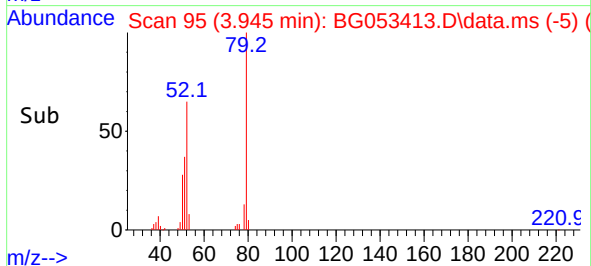
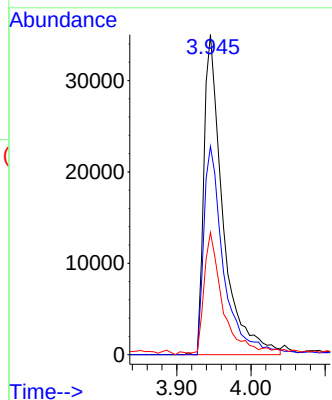
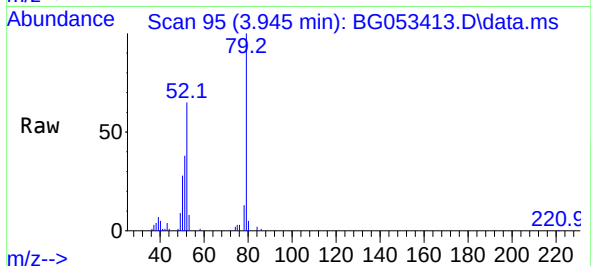
PB144515BS

Tgt Ion: 79 Resp: 62129
Ion Ratio Lower Upper
79 100
52 65.1 50.9 76.3
51 38.2 24.4 36.6

Manual Integrations

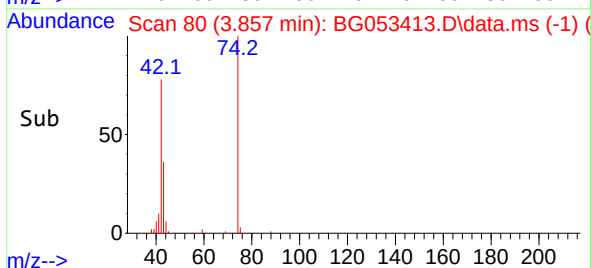
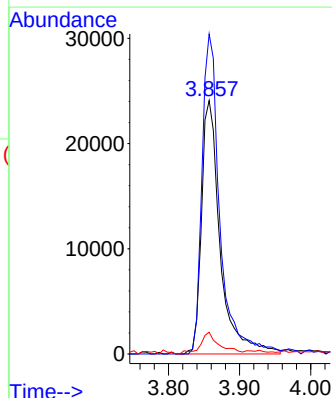
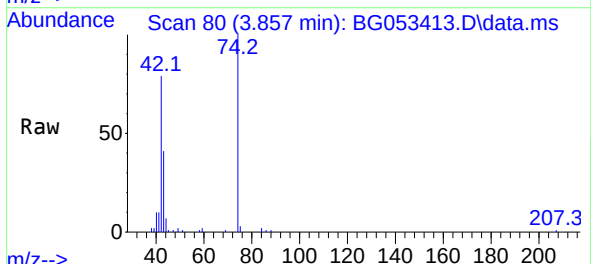
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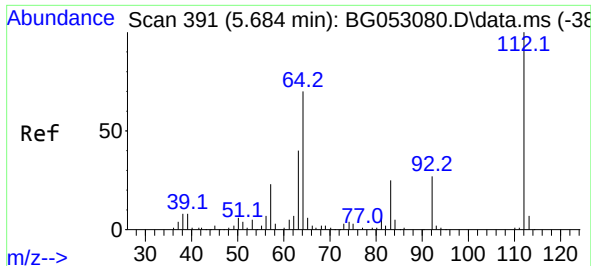
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#4
n-Nitrosodimethylamine
Concen: 42.098 ng
RT: 3.857 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion: 42 Resp: 43956
Ion Ratio Lower Upper
42 100
74 126.3 108.9 163.3
44 8.6 5.7 8.5





#5
2-Fluorophenol
Concen: 134.327 ng
RT: 5.666 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

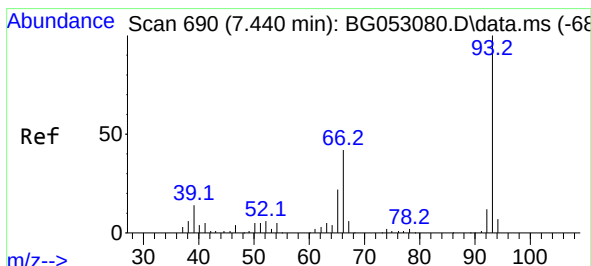
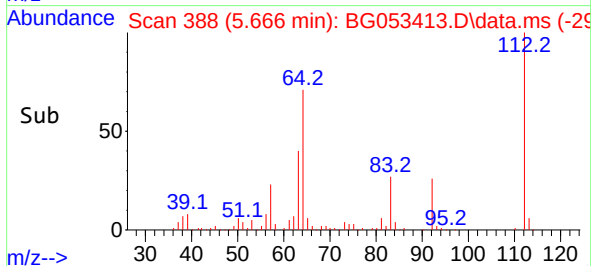
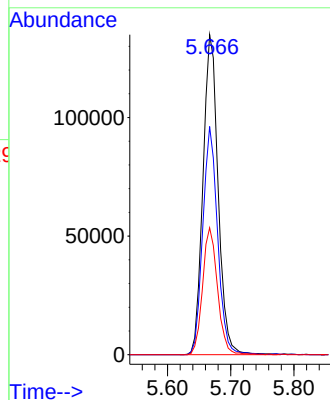
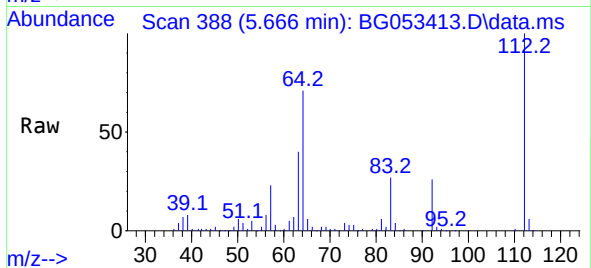
PB144515BS

Tgt Ion:112 Resp: 22486
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 39.7 26.5 39.7

Manual Integrations

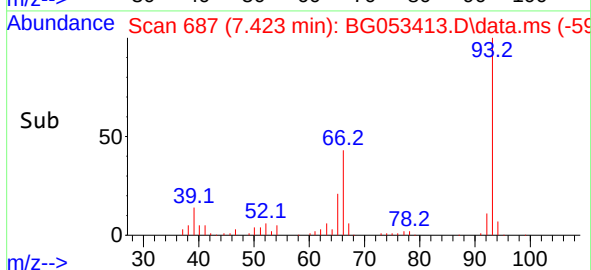
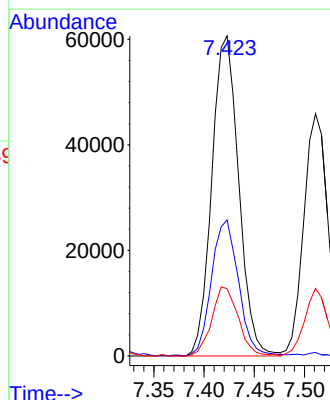
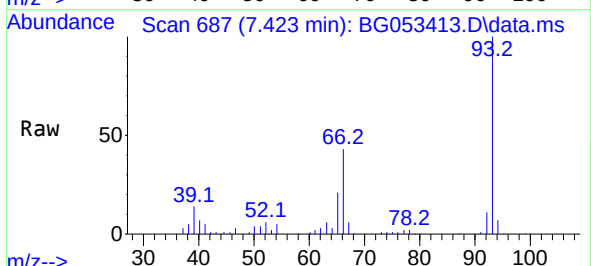
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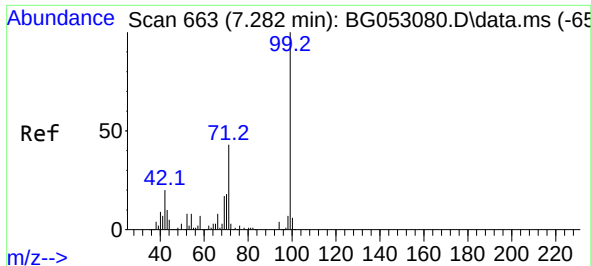
Reviewed By :Christian Giraldo 05/05/2022
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#6
Aniline
Concen: 37.771 ng
RT: 7.423 min Scan# 687
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

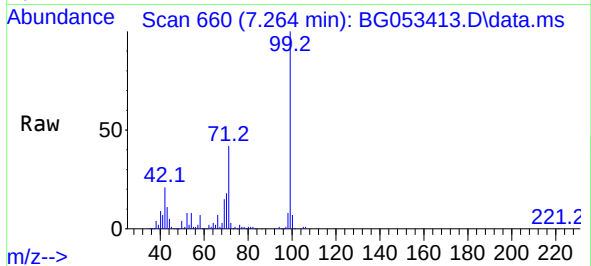
Tgt Ion: 93 Resp: 113003
Ion Ratio Lower Upper
93 100
66 42.5 31.3 46.9
65 21.0 16.7 25.1





#7
Phenol-d6
Concen: 122.683 ng
RT: 7.264 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

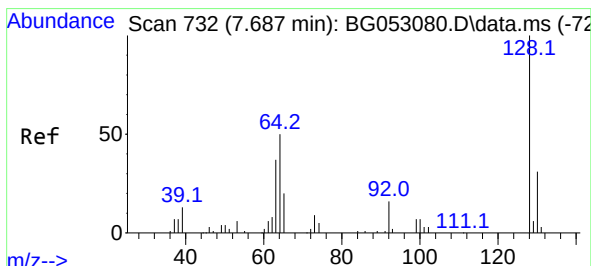
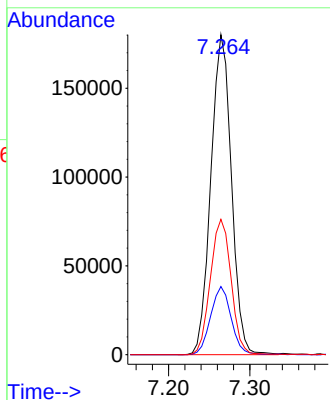
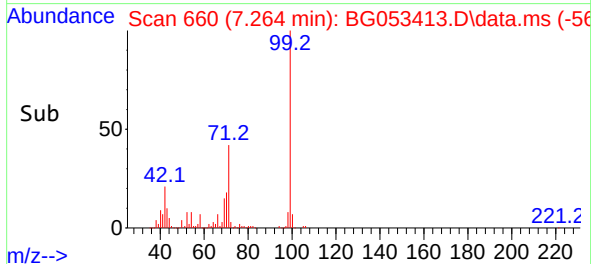
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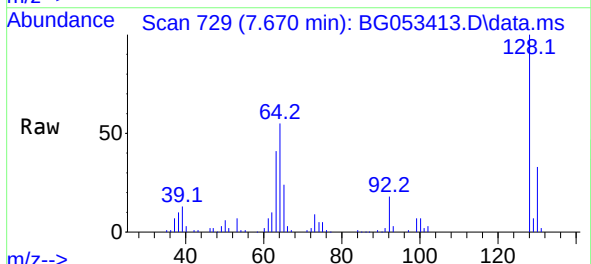
Tgt Ion: 99 Resp: 31671
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 42.3 29.2 43.8

Manual Integrations
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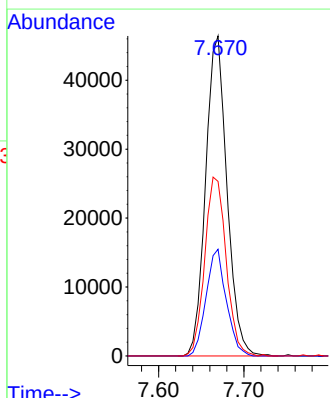
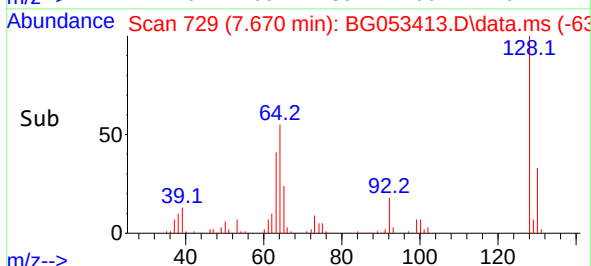
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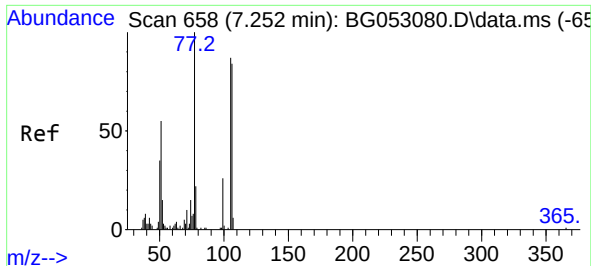


#8
2-Chlorophenol
Concen: 44.678 ng
RT: 7.670 min Scan# 729
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:128 Resp: 80745
Ion Ratio Lower Upper
128 100
130 33.3 13.4 53.4
64 54.6 30.9 70.9





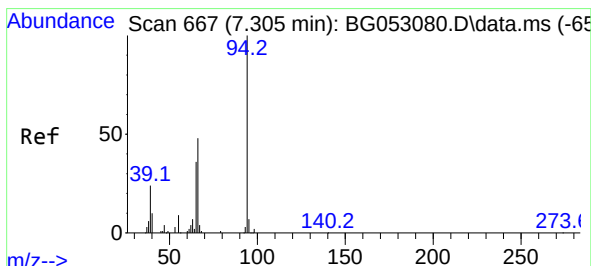
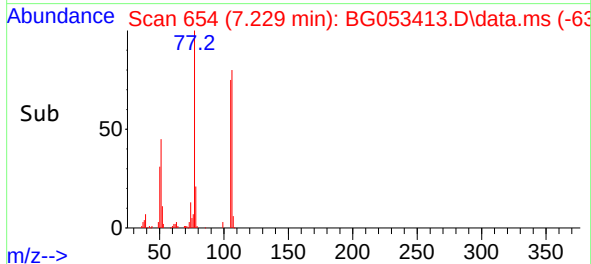
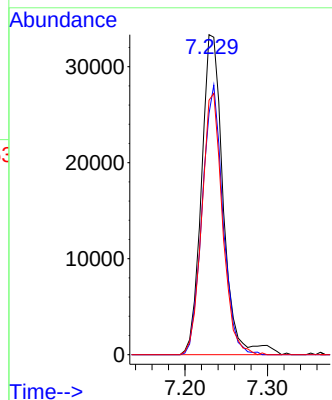
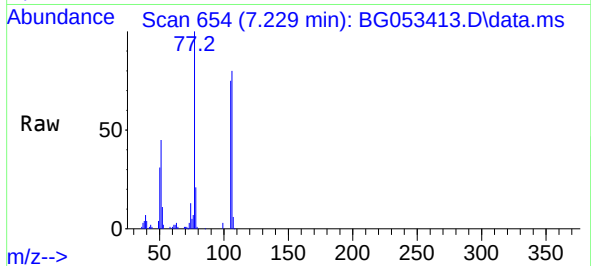
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Benzaldehyde
Concen: 39.428 ng m
RT: 7.229 min Scan# 61
Delta R.T. -0.003 min
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Tgt Ion: 77 Resp: 6084
Ion Ratio Lower Upper
77 100
105 75.4 70.6 110.6
106 79.5 67.6 107.6

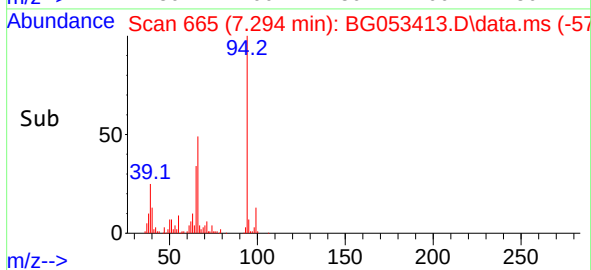
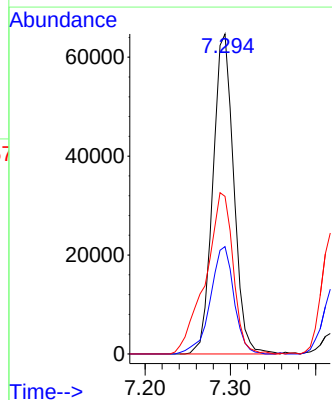
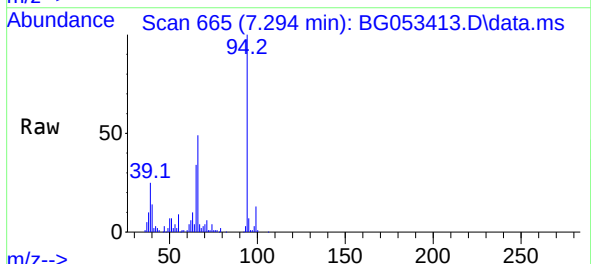
Manual Integrations
APPROVED

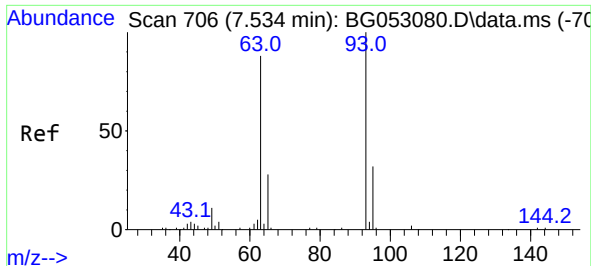
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#10
Phenol
Concen: 42.722 ng
RT: 7.294 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion: 94 Resp: 109780
Ion Ratio Lower Upper
94 100
65 33.5 11.1 51.1
66 49.3 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 40.958 ng
RT: 7.511 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

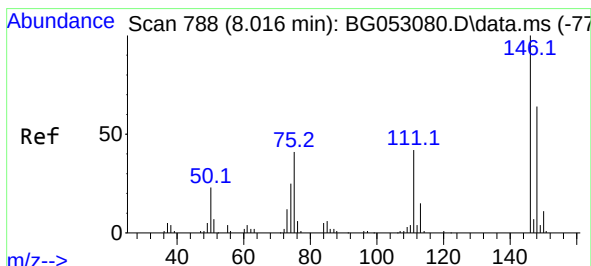
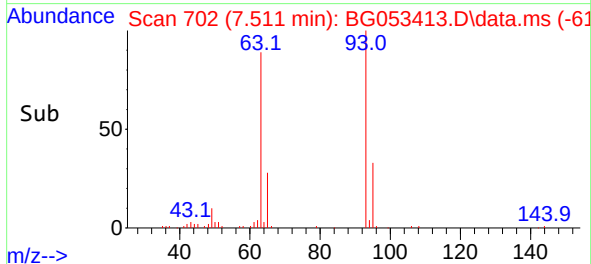
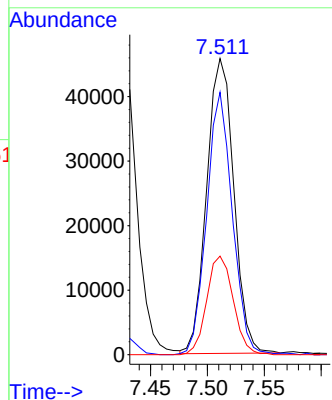
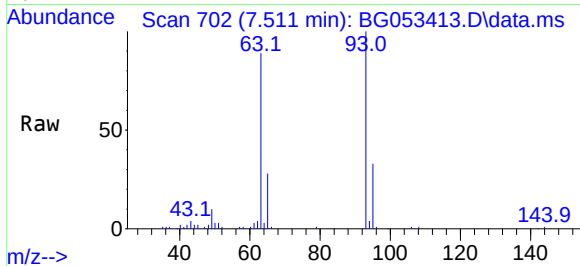
PB144515BS

Tgt Ion: 93 Resp: 7586
Ion Ratio Lower Upper
93 100
63 88.6 56.9 96.9
95 33.3 14.5 54.5

Manual Integrations

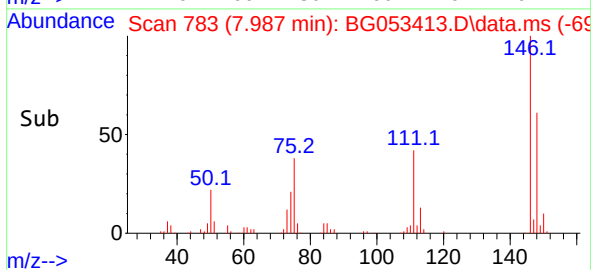
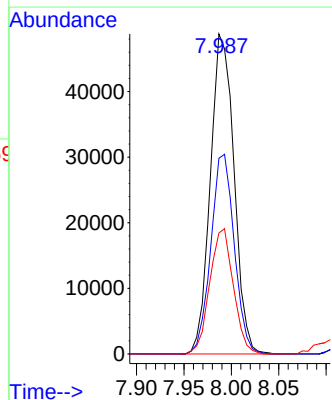
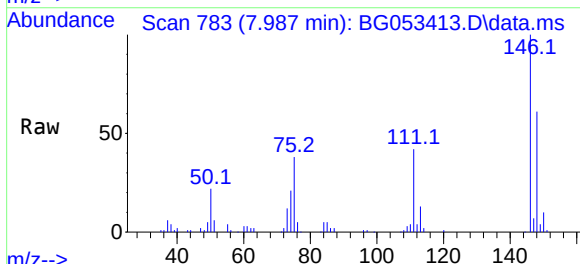
APPROVED

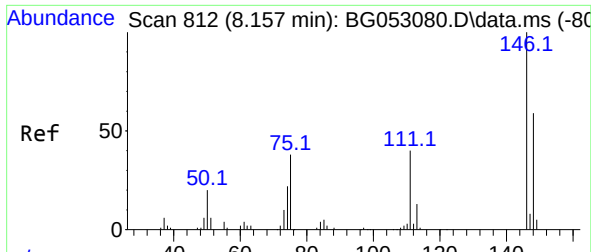
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#12
1,3-Dichlorobenzene
Concen: 40.289 ng
RT: 7.987 min Scan# 783
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

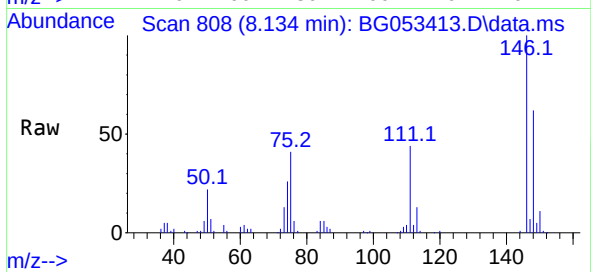
Tgt Ion:146 Resp: 84610
Ion Ratio Lower Upper
146 100
148 61.1 50.6 76.0
75 37.8 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 38.895 ng
RT: 8.134 min Scan# 808
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

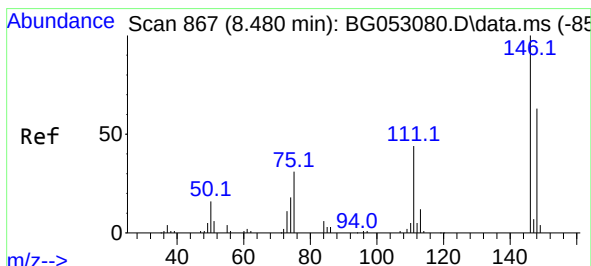
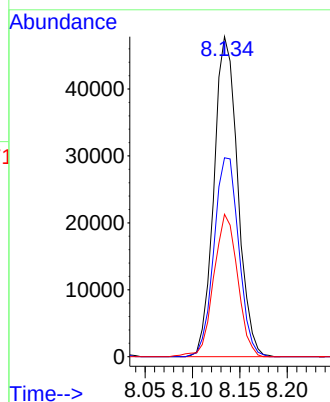
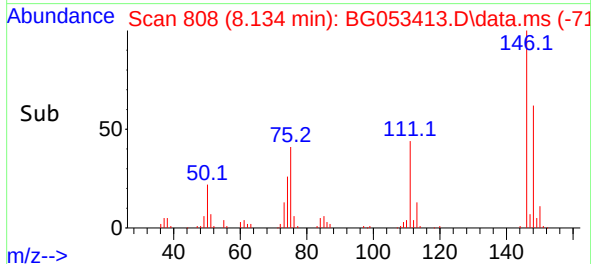
Instrument :
BNA_G
ClientSampleId :
PB144515BS



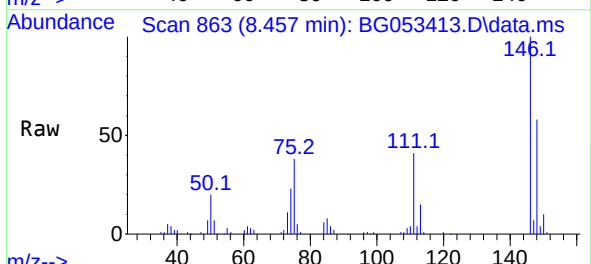
Tgt Ion:146 Resp: 83274
Ion Ratio Lower Upper
146 100
148 62.2 50.0 75.0
111 44.5 31.0 46.4

Manual Integrations
APPROVED

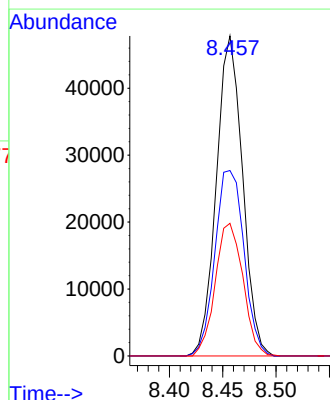
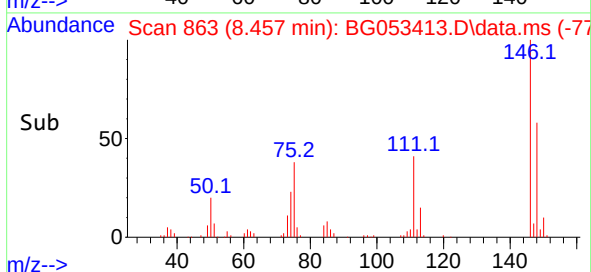
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

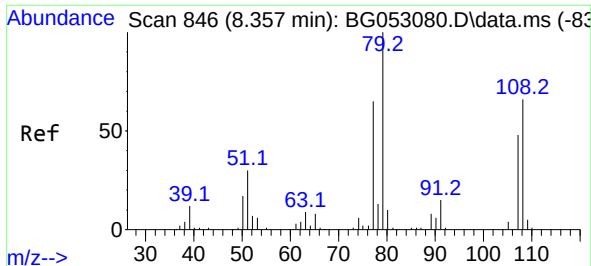


#14
1,2-Dichlorobenzene
Concen: 39.594 ng
RT: 8.457 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:146 Resp: 81746
Ion Ratio Lower Upper
146 100
148 57.9 51.0 76.6
111 41.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 39.576 ng m
RT: 8.339 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

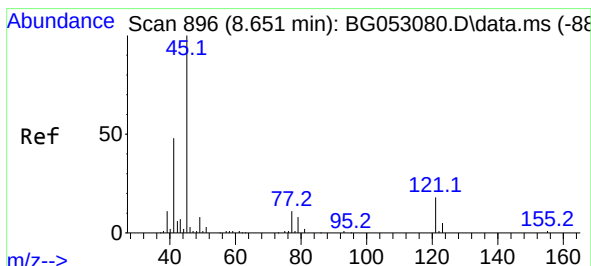
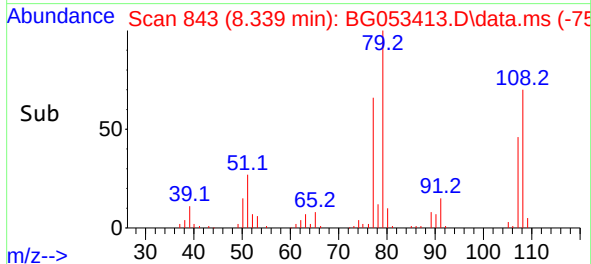
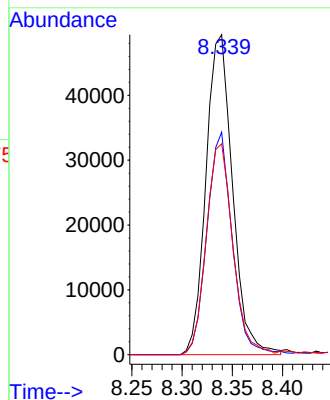
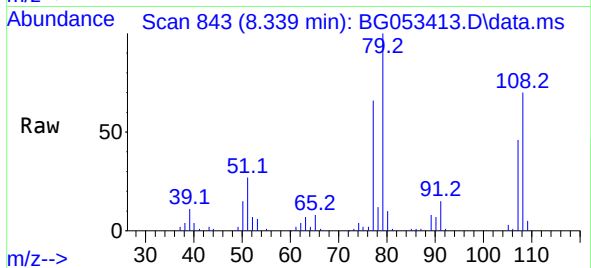
PB144515BS

Tgt Ion: 79 Resp: 9081
Ion Ratio Lower Upper
79 100
108 69.5 55.1 82.7
77 65.9 52.4 78.6

Manual Integrations

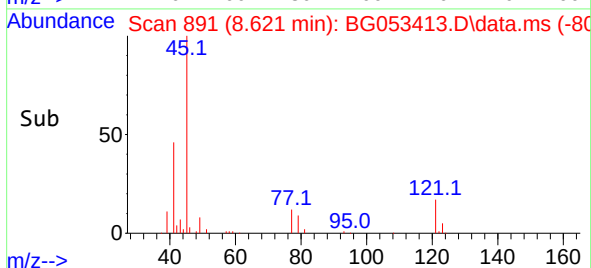
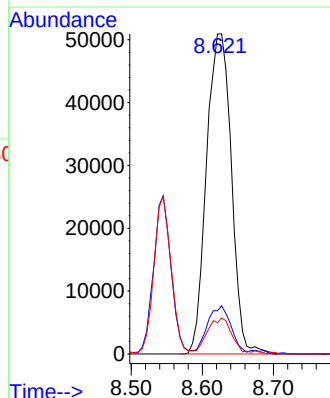
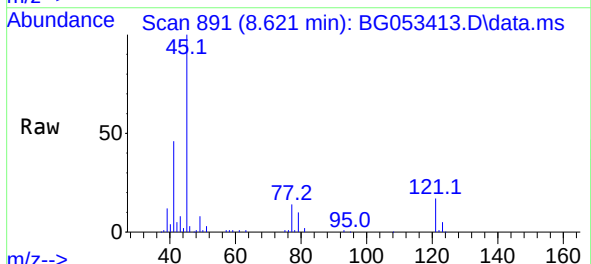
APPROVED

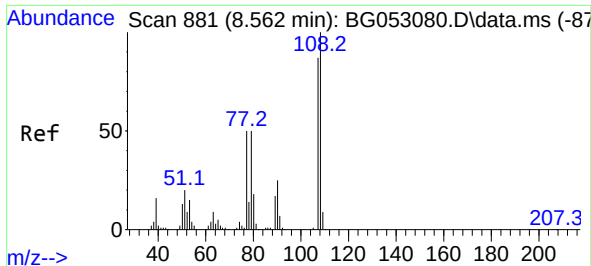
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.007 ng
RT: 8.621 min Scan# 891
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion: 45 Resp: 123724
Ion Ratio Lower Upper
45 100
77 13.5 0.0 34.9
79 9.8 0.0 30.7





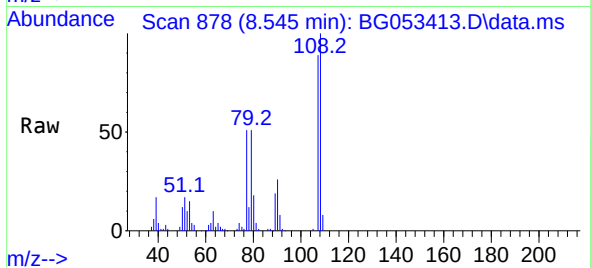
#17
2-Methylphenol
Concen: 42.449 ng
RT: 8.545 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

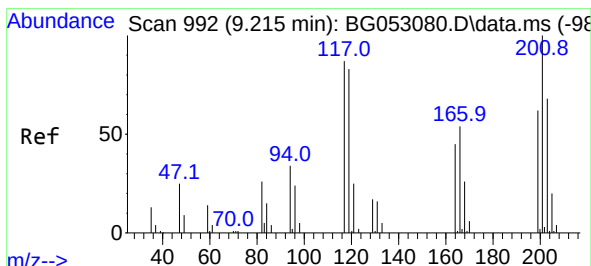
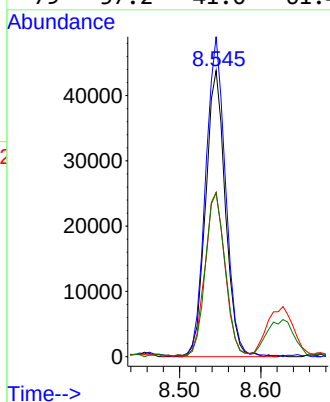
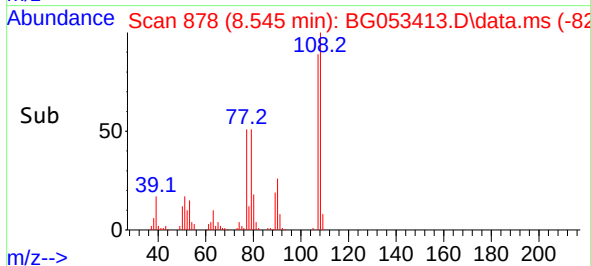


Tgt Ion:107 Resp: 73814
Ion Ratio Lower Upper
107 100
108 111.8 91.5 137.3
77 57.4 42.5 63.7
79 57.2 41.0 61.4

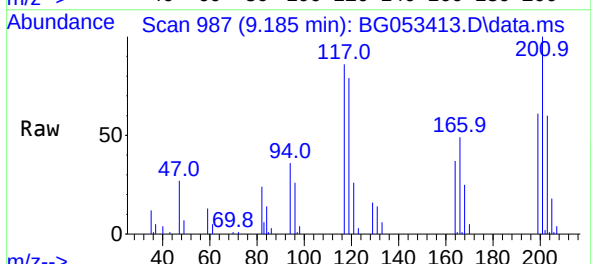
Manual Integrations

APPROVED

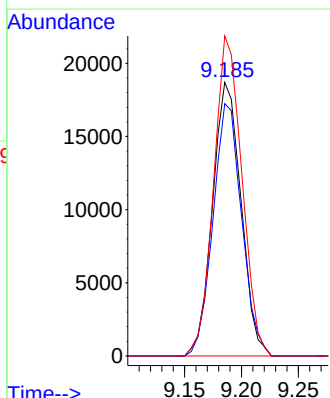
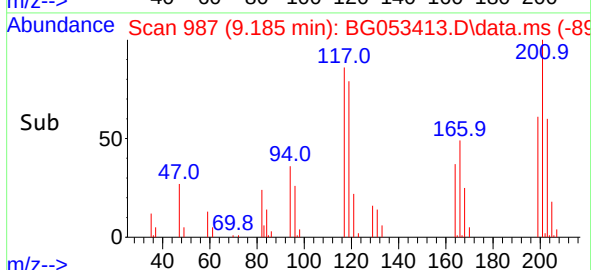
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

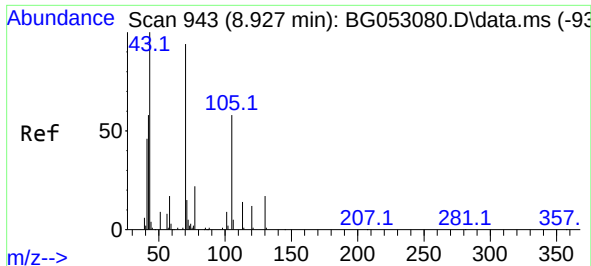


#18
Hexachloroethane
Concen: 40.528 ng
RT: 9.185 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:117 Resp: 32538
Ion Ratio Lower Upper
117 100
119 92.2 75.1 112.7
201 116.9 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.410 ng
RT: 8.903 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

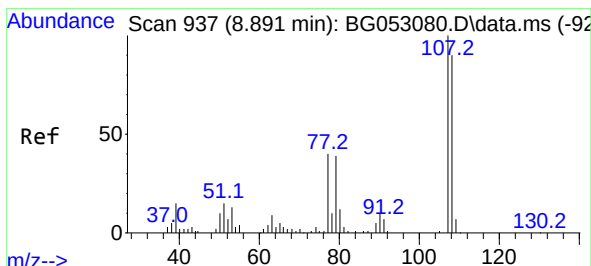
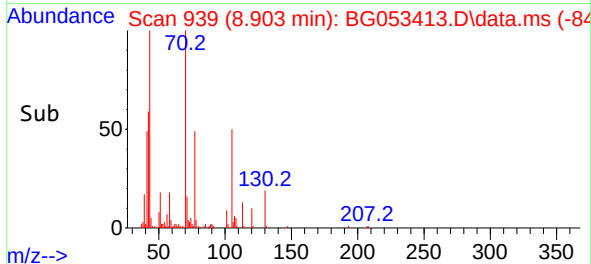
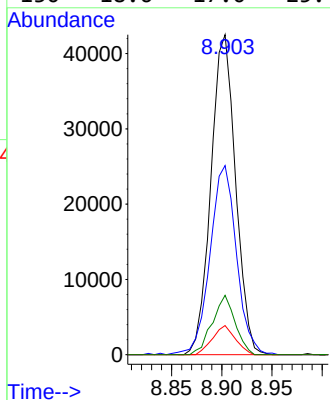
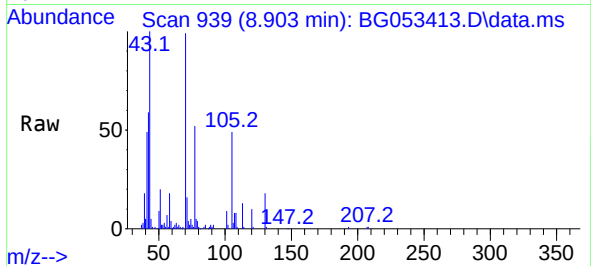
ClientSampleId :

PB144515BS

Tgt Ion: 70 Resp: 7259
Ion Ratio Lower Upper
70 100
42 59.1 46.0 69.0
101 9.1 6.2 9.4
130 18.6 17.0 25.4

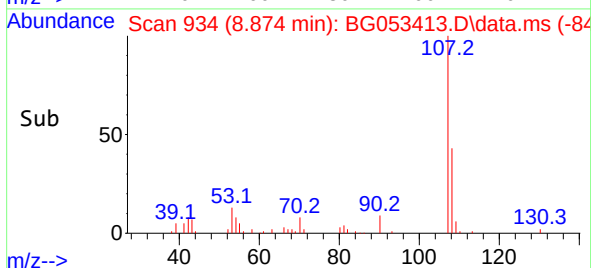
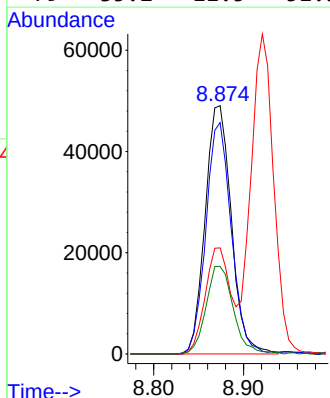
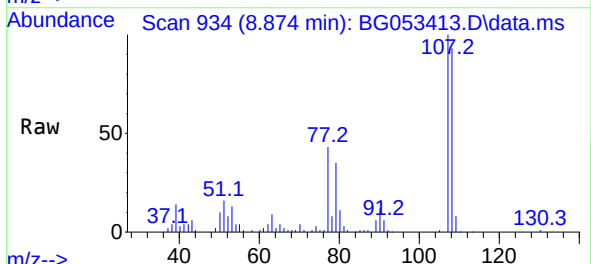
Manual Integrations
APPROVED

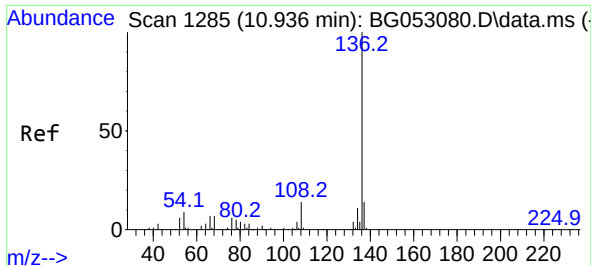
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#20
3+4-Methylphenols
Concen: 40.385 ng
RT: 8.874 min Scan# 934
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:107 Resp: 99134
Ion Ratio Lower Upper
107 100
108 93.2 64.8 104.8
77 42.8 15.9 55.9
79 35.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

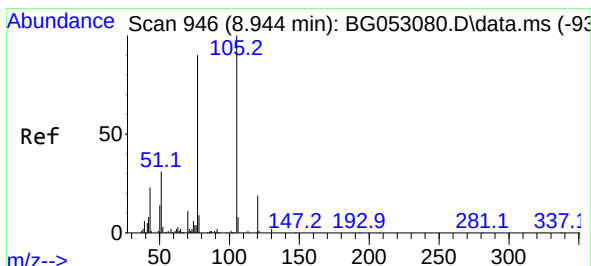
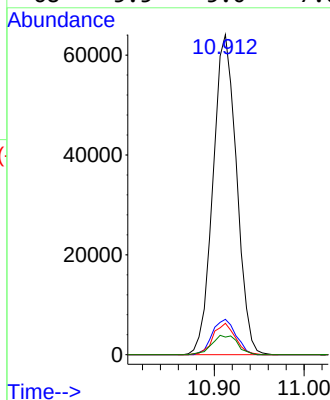
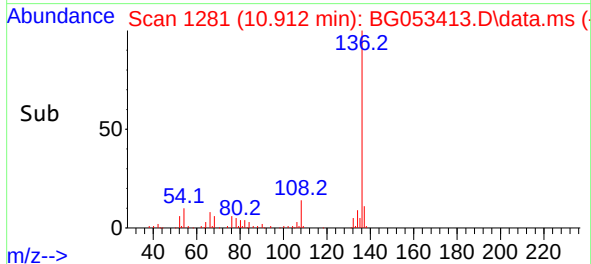
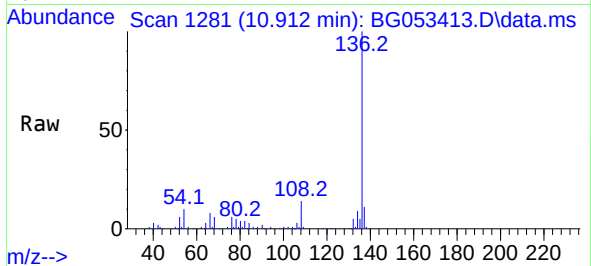
PB144515BS

Tgt Ion:136 Resp: 116509
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.8 6.4 9.6
68 5.5 5.0 7.6

Manual Integrations

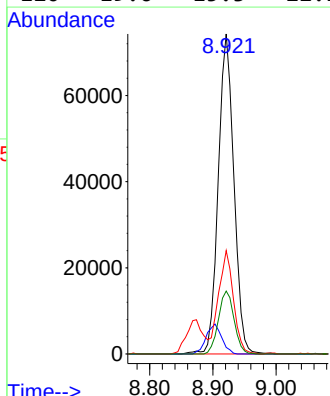
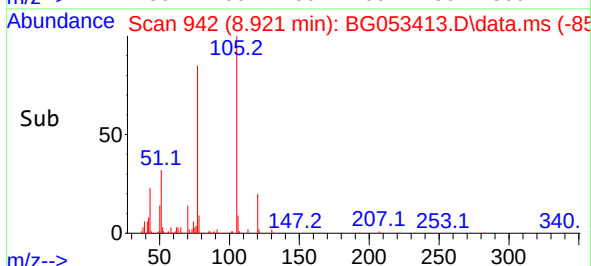
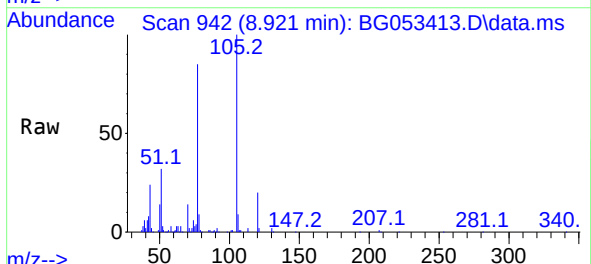
APPROVED

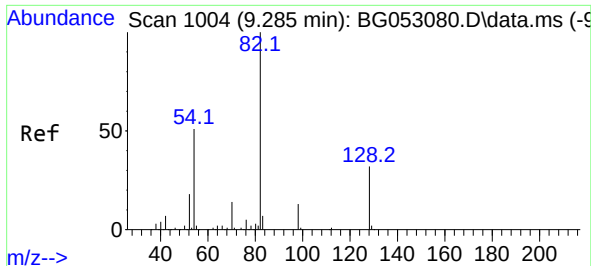
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#22
Acetophenone
Concen: 39.465 ng
RT: 8.921 min Scan# 942
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

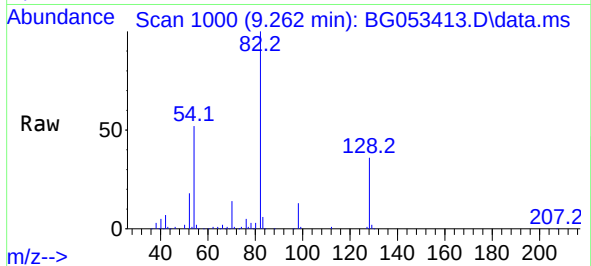
Tgt Ion:105 Resp: 127563
Ion Ratio Lower Upper
105 100
71 2.0 2.1 3.1#
51 32.3 21.9 32.9
120 19.6 15.3 22.9





#23
Nitrobenzene-d5
Concen: 76.280 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

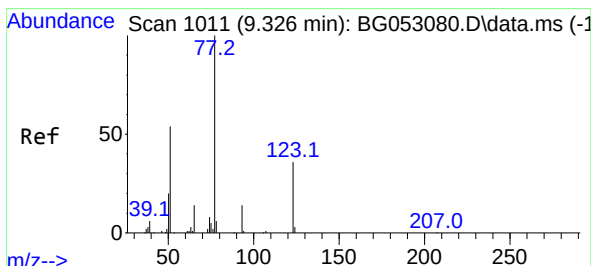
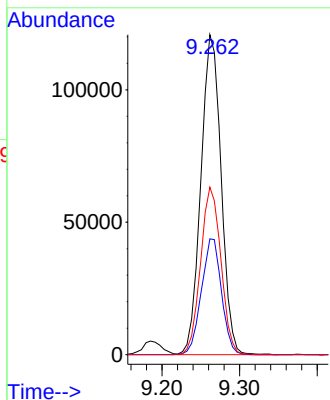
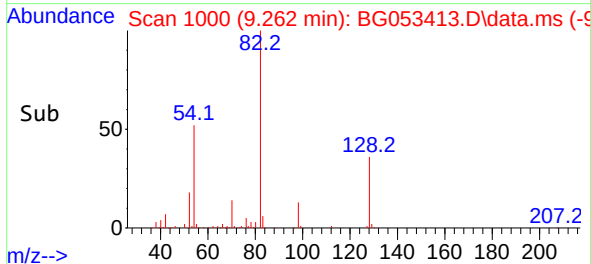
Instrument :
BNA_G
ClientSampleId :
PB144515BS



Tgt Ion: 82 Resp: 21888
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 52.3 37.8 56.8

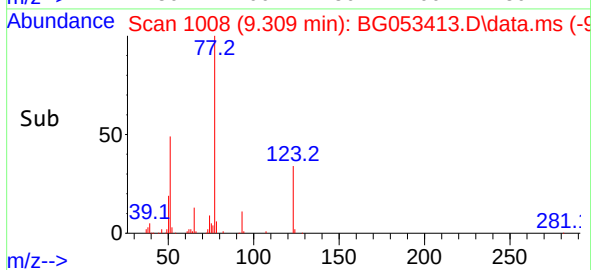
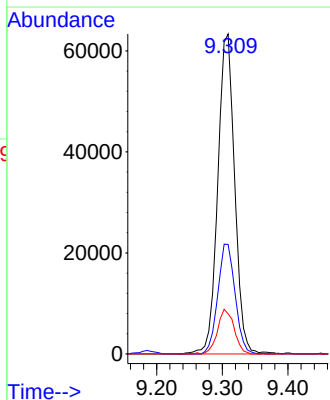
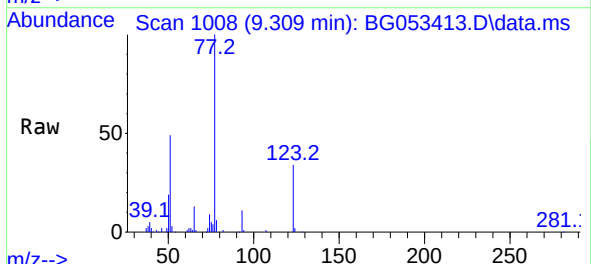
Manual Integrations
APPROVED

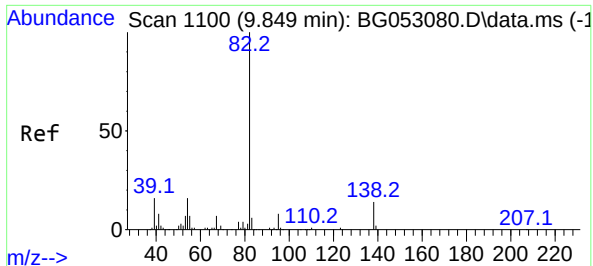
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#24
Nitrobenzene
Concen: 40.435 ng
RT: 9.309 min Scan# 1008
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

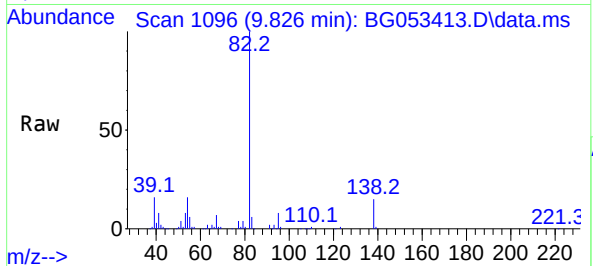
Tgt Ion: 77 Resp: 112854
Ion Ratio Lower Upper
77 100
123 34.3 34.4 51.6#
65 12.6 11.2 16.8





#25
Isophorone
Concen: 40.502 ng
RT: 9.826 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

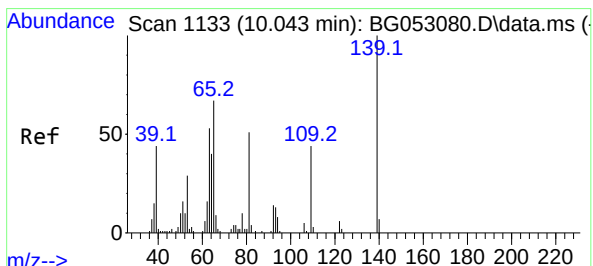
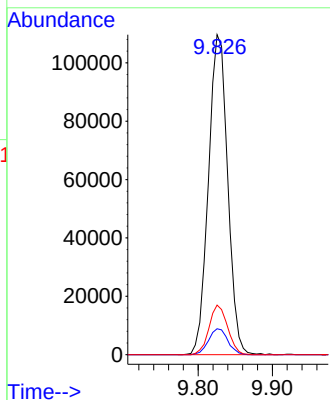
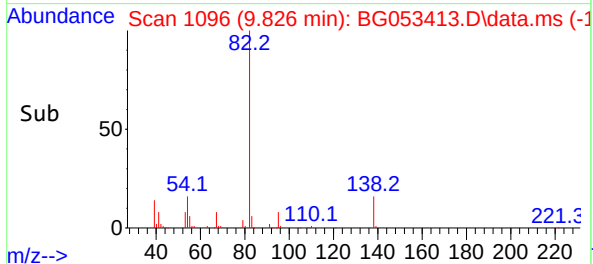
Instrument :
BNA_G
ClientSampleId :
PB144515BS



Tgt Ion: 82 Resp: 197538
Ion Ratio Lower Upper
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95 8.1 5.8 8.6
138 15.5 12.6 18.8

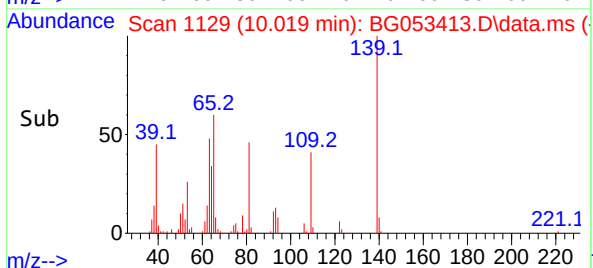
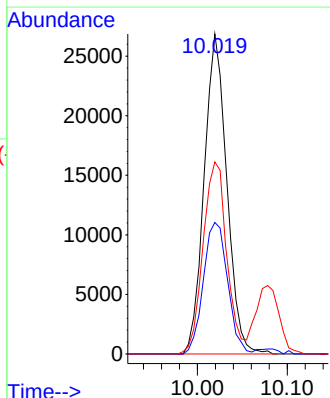
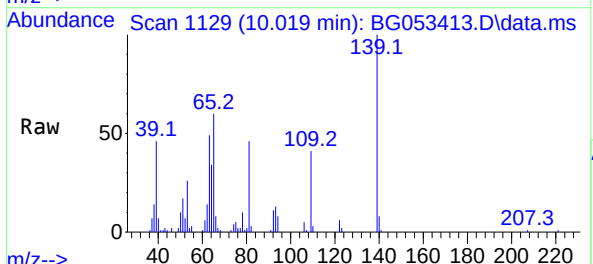
Manual Integrations
APPROVED

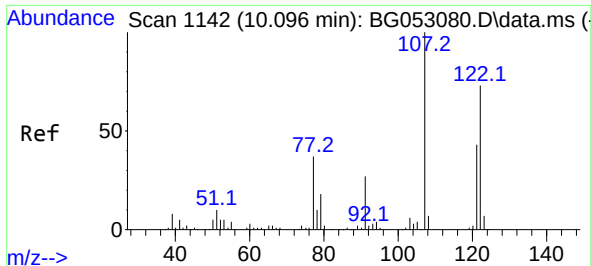
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#26
2-Nitrophenol
Concen: 40.292 ng
RT: 10.019 min Scan# 1129
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:139 Resp: 47024
Ion Ratio Lower Upper
139 100
109 41.1 29.4 44.0
65 60.0 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 46.710 ng

RT: 10.078 min Scan# 1142

Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

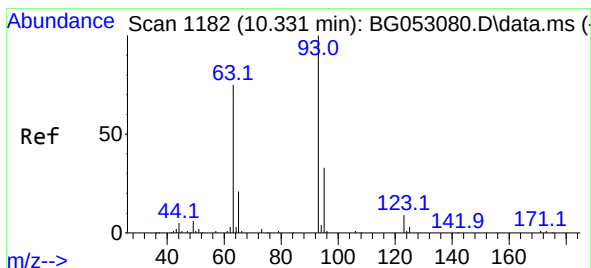
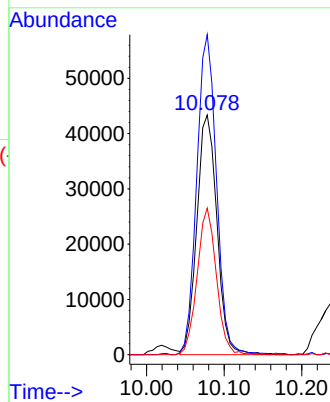
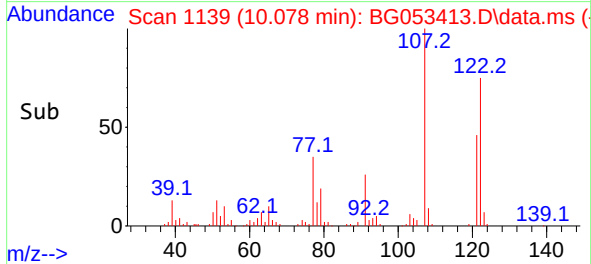
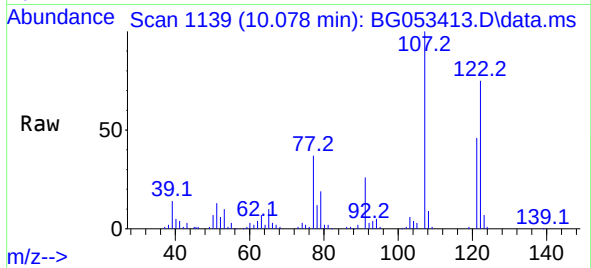
PB144515BS

Tgt Ion:	122	Resp:	7807
Ion	Ratio	Lower	Upper
122	100		
107	133.5	96.7	145.1
121	61.2	46.3	69.5

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.308 ng

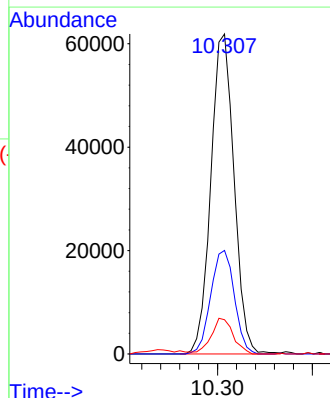
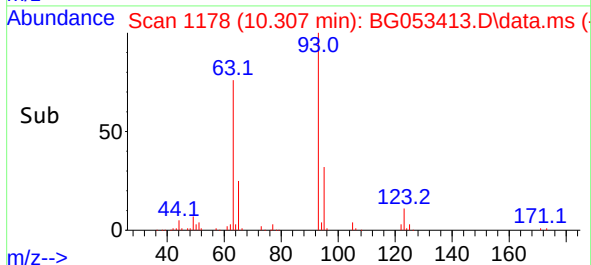
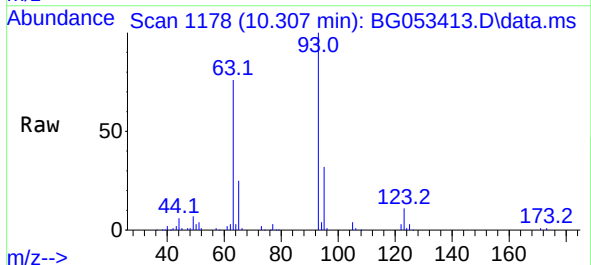
RT: 10.307 min Scan# 1178

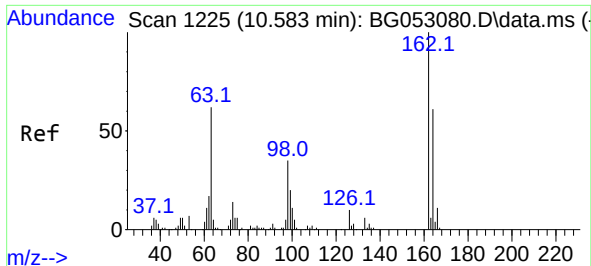
Delta R.T. 0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Tgt Ion:	93	Resp:	104964
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.7	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 40.028 ng

RT: 10.560 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

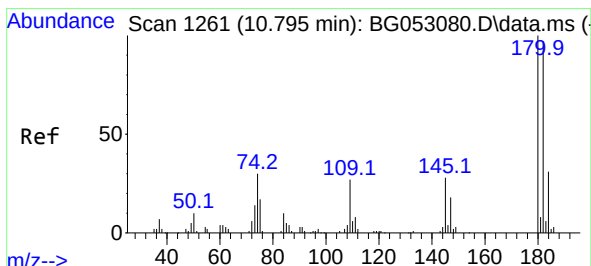
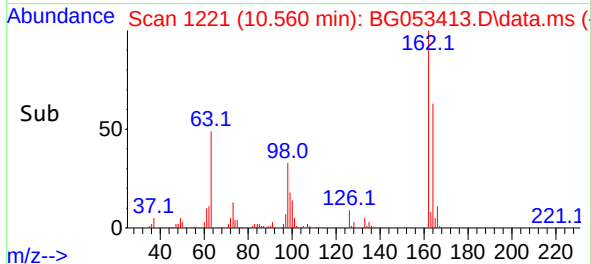
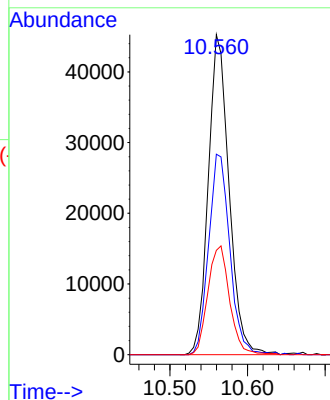
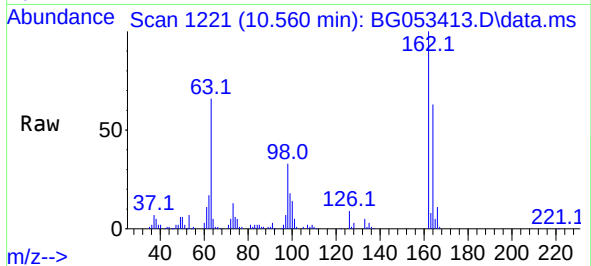
PB144515BS

Tgt Ion:162 Resp: 8411
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.0 84.0
 98 32.6 17.3 57.3

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 37.726 ng

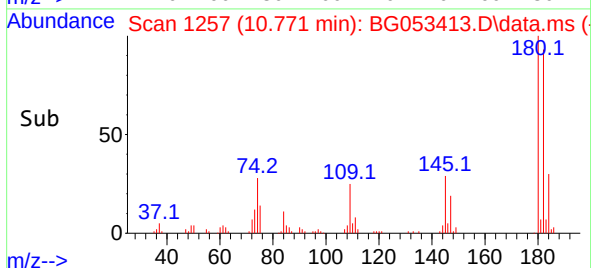
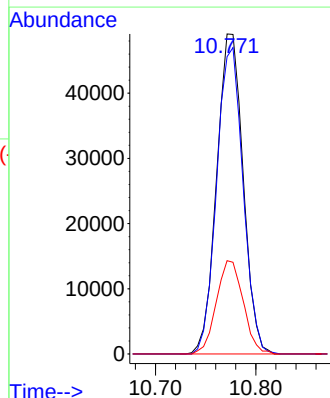
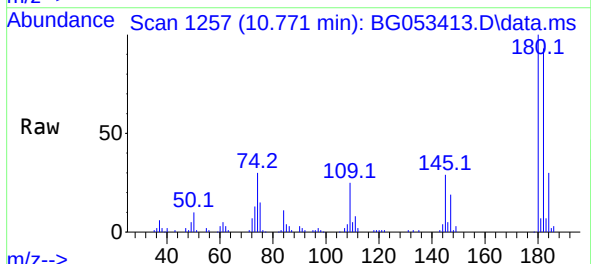
RT: 10.771 min Scan# 1257

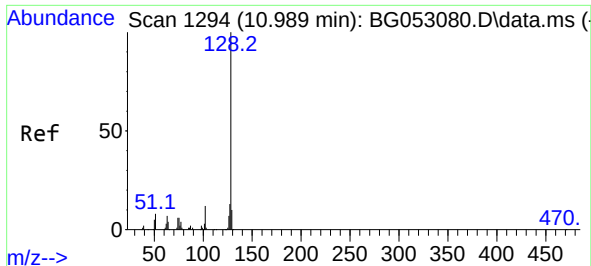
Delta R.T. -0.003 min

Lab File: BG053413.D

Acq: 3 May 2022 12:05

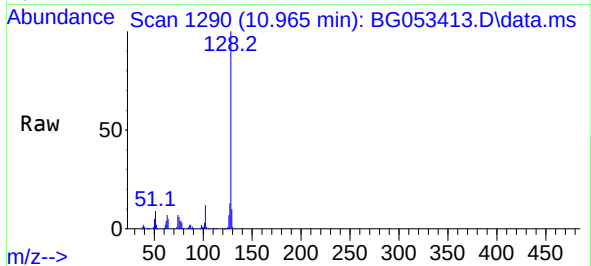
Tgt Ion:180 Resp: 89722
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.8 116.6
 145 29.2 24.4 36.6





#31
Naphthalene
Concen: 38.818 ng
RT: 10.965 min Scan# 1167
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

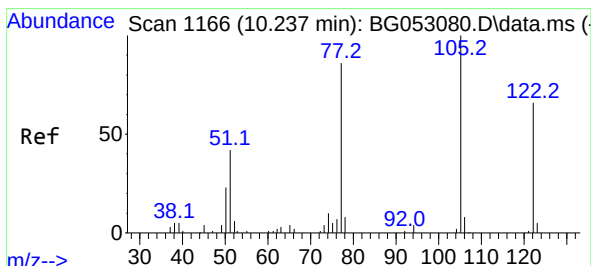
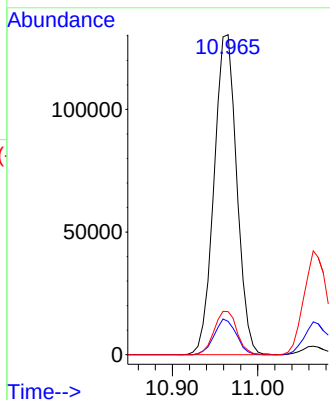
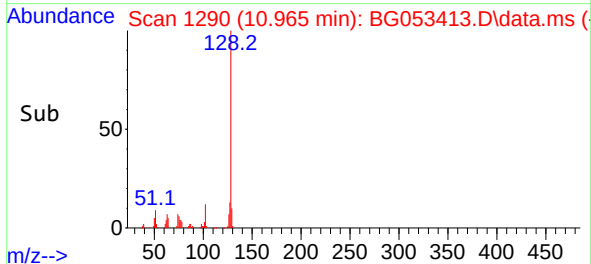
Instrument :
BNA_G
ClientSampleId :
PB144515BS



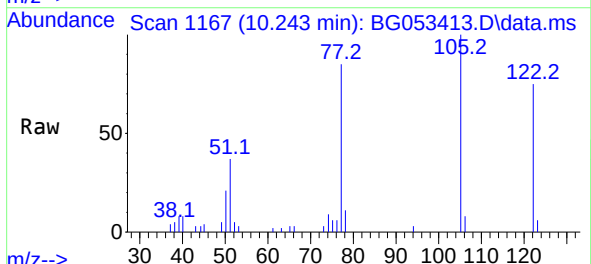
Tgt Ion:128 Resp: 241289
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.4 10.5 15.7

Manual Integrations
APPROVED

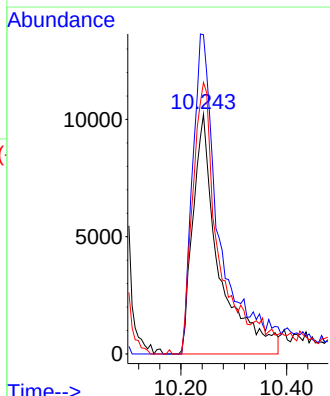
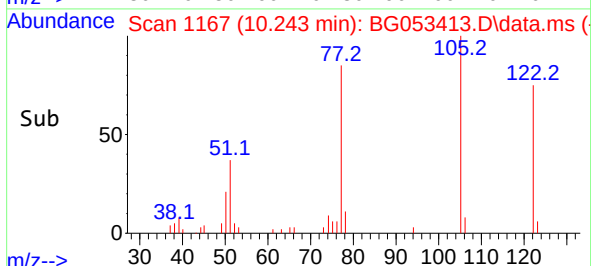
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

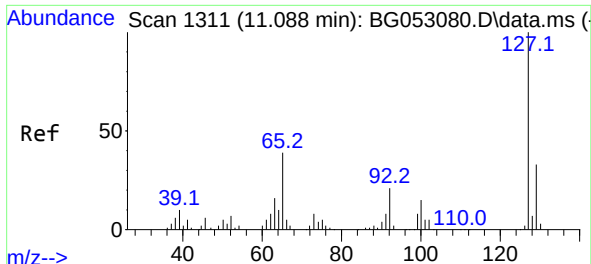


#32
Benzoic acid
Concen: 33.313 ng m
RT: 10.243 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:122 Resp: 34932
Ion Ratio Lower Upper
122 100
105 133.1 112.8 152.8
77 113.3 78.4 118.4





#33
4-Chloroaniline
Concen: 31.623 ng
RT: 11.065 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

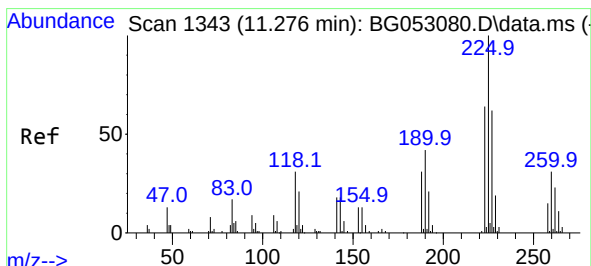
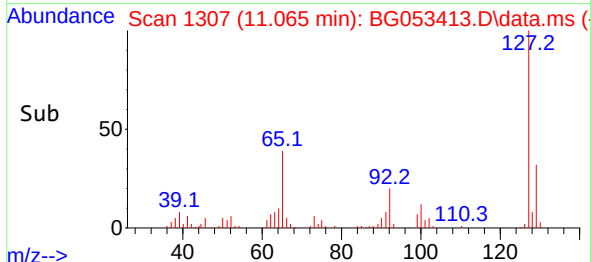
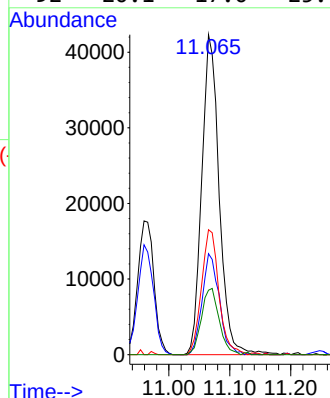
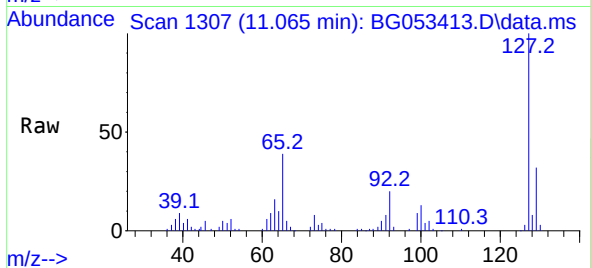
PB144515BS

Tgt Ion:127 Resp: 8417
Ion Ratio Lower Upper
127 100
129 31.6 27.6 41.4
65 39.1 28.2 42.4
92 20.1 17.0 25.4

Manual Integrations

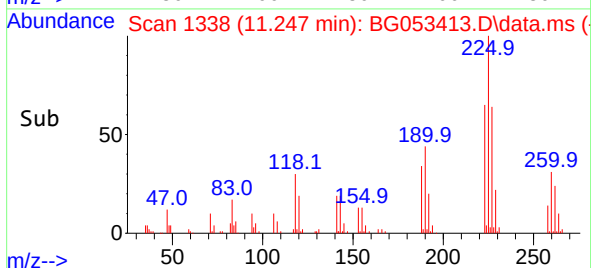
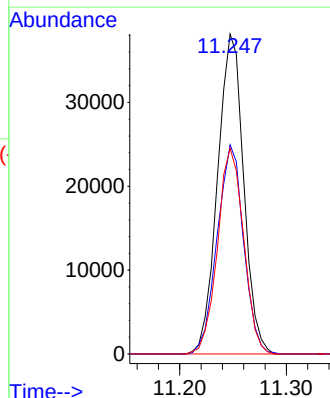
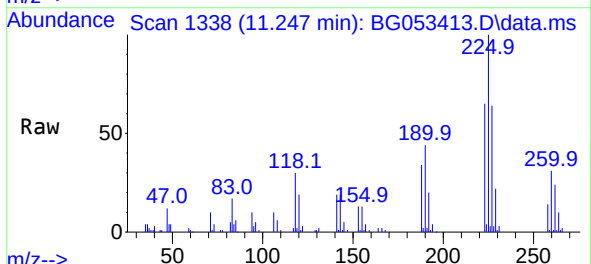
APPROVED

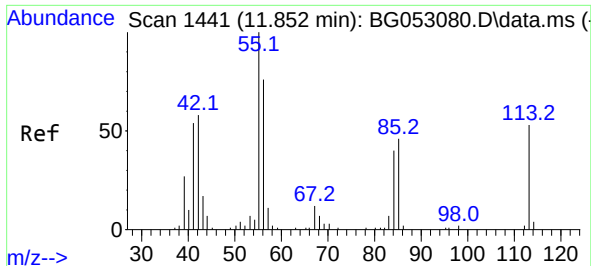
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#34
Hexachlorobutadiene
Concen: 36.606 ng
RT: 11.247 min Scan# 1338
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:225 Resp: 64669
Ion Ratio Lower Upper
225 100
223 65.4 50.2 75.2
227 64.3 52.0 78.0





#35
Caprolactam
Concen: 37.883 ng m
RT: 11.835 min Scan# 14
Delta R.T. -0.015 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

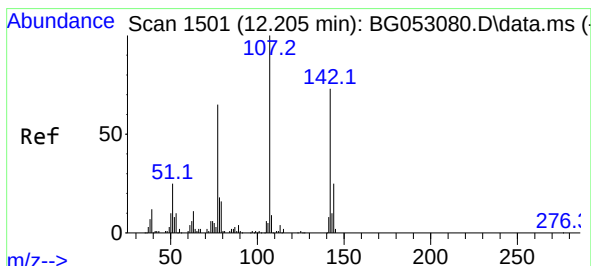
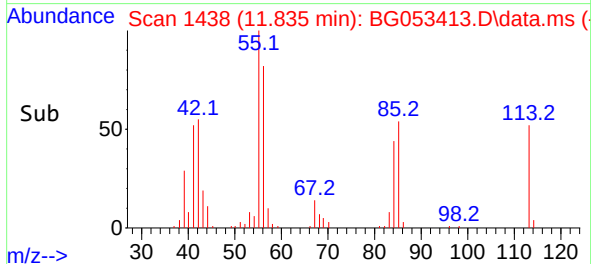
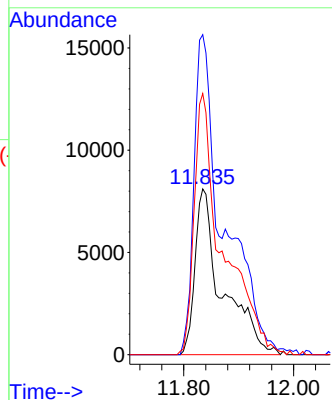
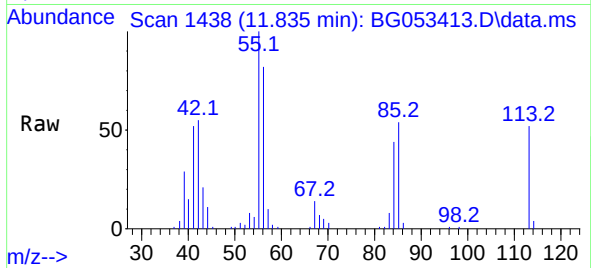
PB144515BS

Tgt Ion:113 Resp: 2805
Ion Ratio Lower Upper
113 100
55 193.1 151.3 191.3
56 157.6 128.5 168.5

Manual Integrations

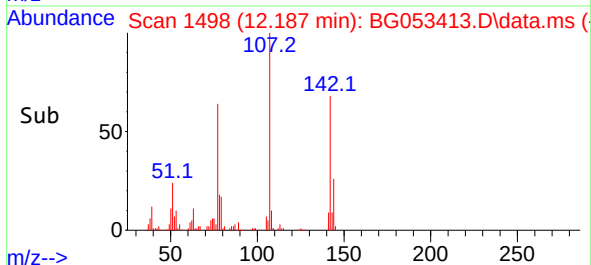
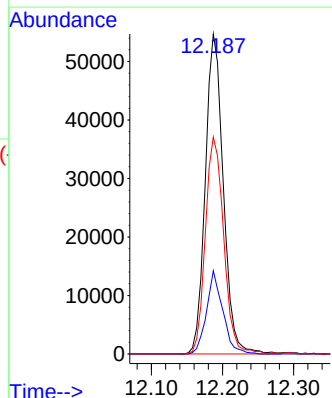
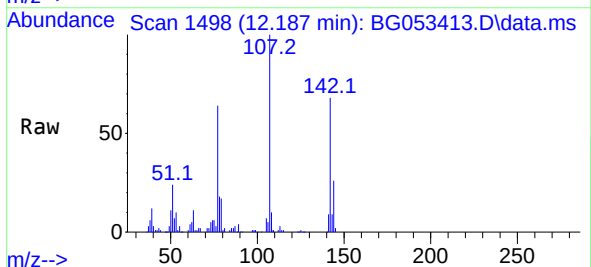
APPROVED

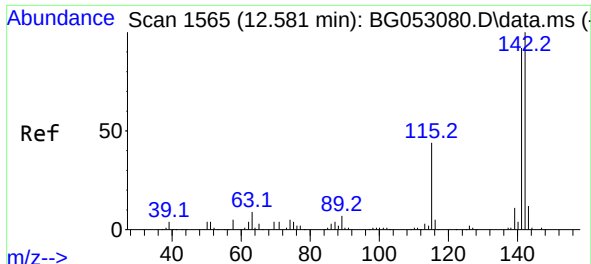
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#36
4-Chloro-3-methylphenol
Concen: 39.436 ng
RT: 12.187 min Scan# 1498
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:107 Resp: 96473
Ion Ratio Lower Upper
107 100
144 26.0 21.4 32.0
142 67.8 61.7 92.5





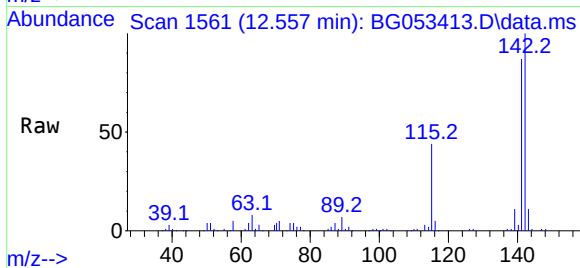
#37
2-Methylnaphthalene
Concen: 38.455 ng
RT: 12.557 min Scan# 1561
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

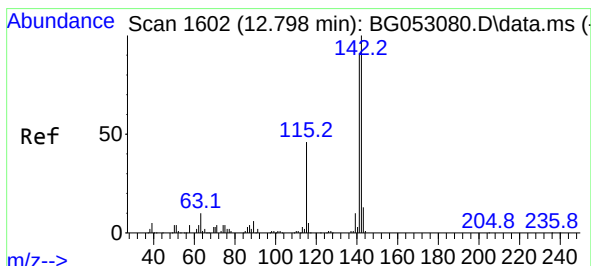
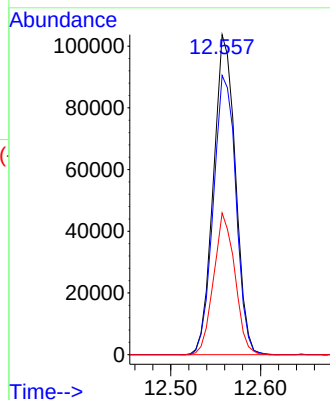
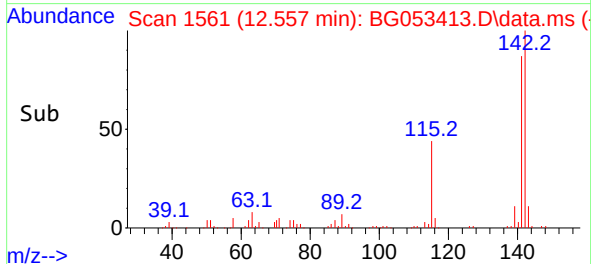


Tgt Ion:142 Resp: 17687
Ion Ratio Lower Upper
142 100
141 87.2 71.3 106.9
115 44.3 29.5 44.3

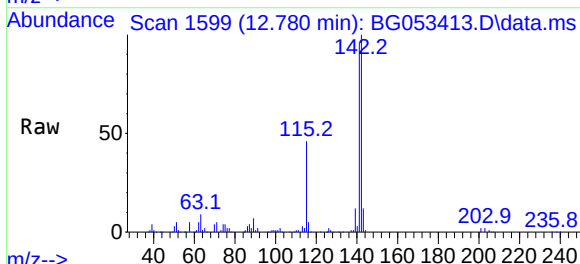
Manual Integrations

APPROVED

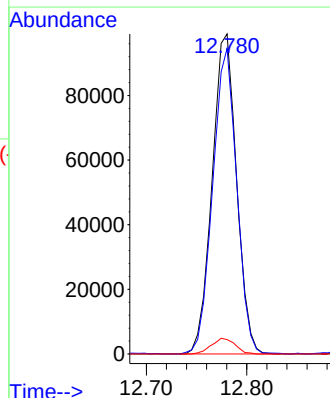
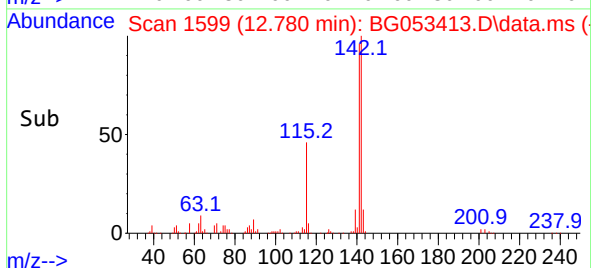
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

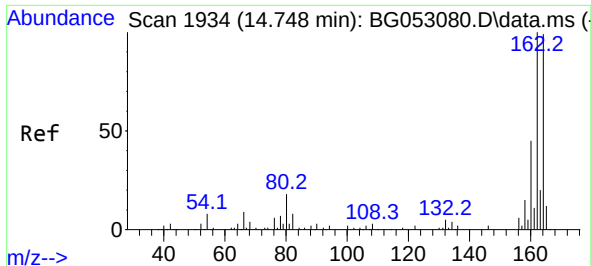


#38
1-Methylnaphthalene
Concen: 37.222 ng
RT: 12.780 min Scan# 1599
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:142 Resp: 167115
Ion Ratio Lower Upper
142 100
141 95.5 70.5 105.7
116 4.5 3.1 4.7





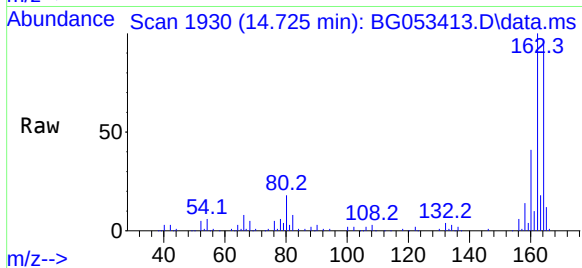
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

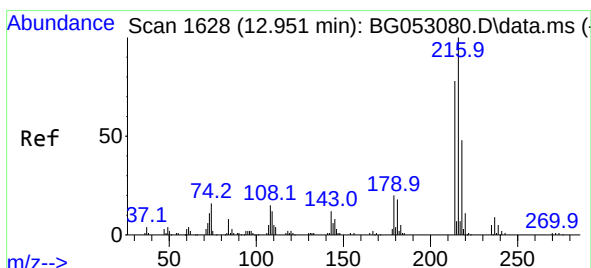
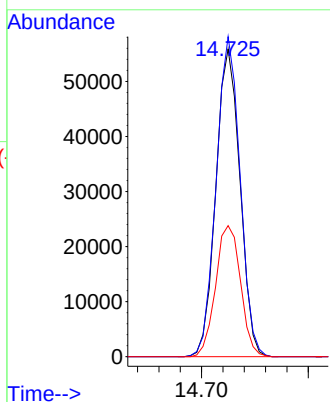
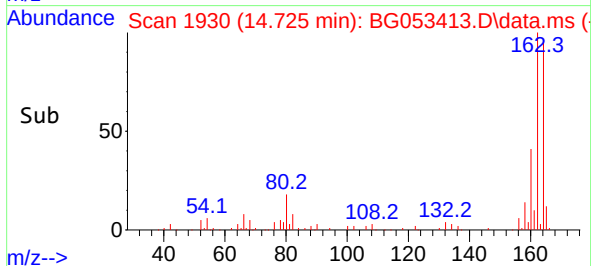


Tgt Ion:164 Resp: 8755
Ion Ratio Lower Upper
164 100
162 104.0 80.0 120.0
160 42.6 38.8 58.2

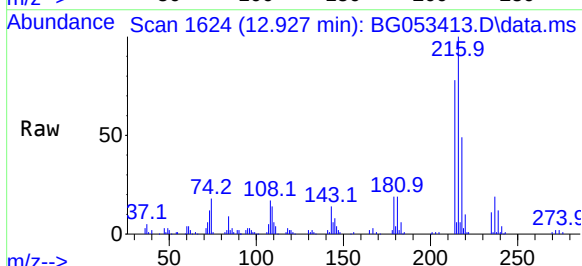
Manual Integrations

APPROVED

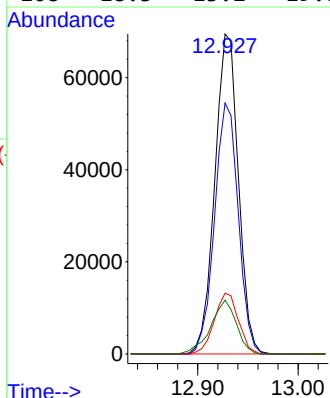
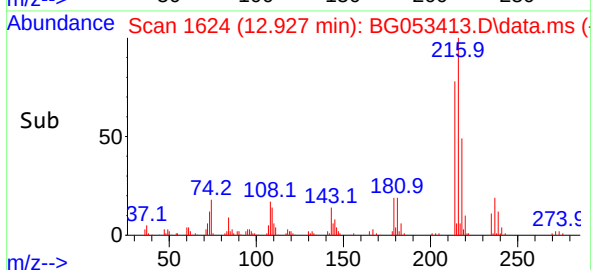
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

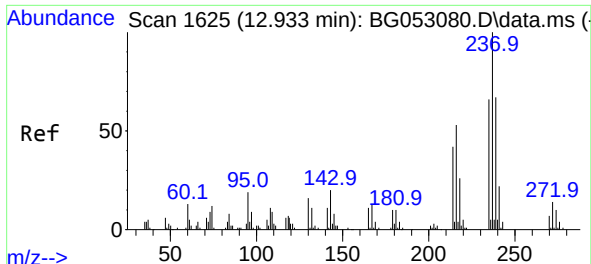


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.108 ng
RT: 12.927 min Scan# 1624
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:216 Resp: 113323
Ion Ratio Lower Upper
216 100
214 78.7 63.8 95.6
179 19.4 15.7 23.5
108 18.3 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 75.010 ng
RT: 12.910 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

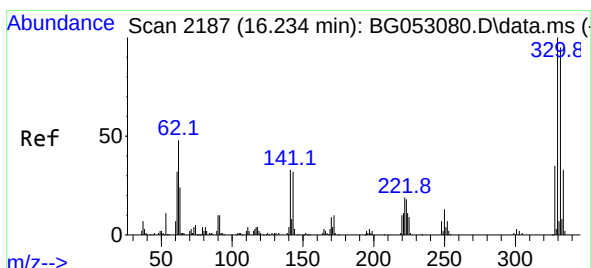
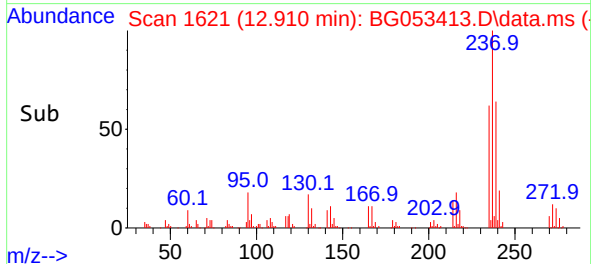
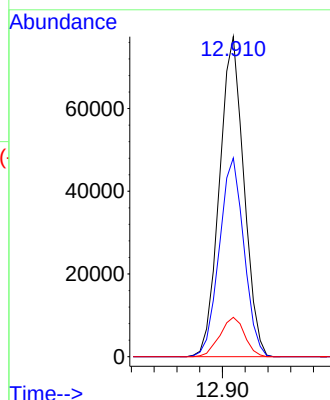
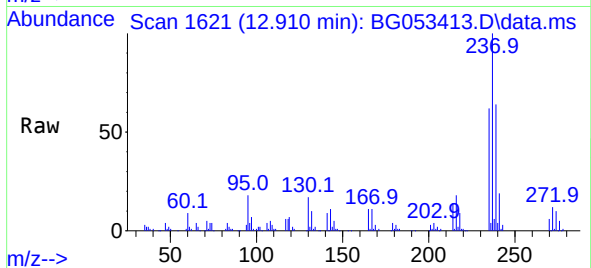
PB144515BS

Tgt Ion:237 Resp: 115148
Ion Ratio Lower Upper
237 100
235 62.1 37.7 77.7
272 12.3 0.0 30.7

Manual Integrations

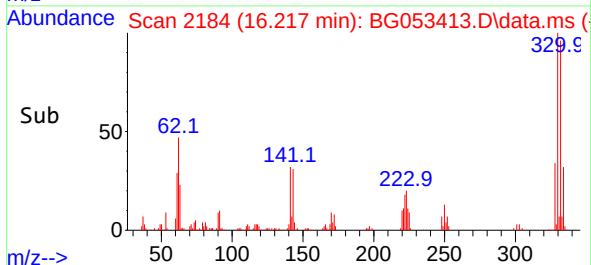
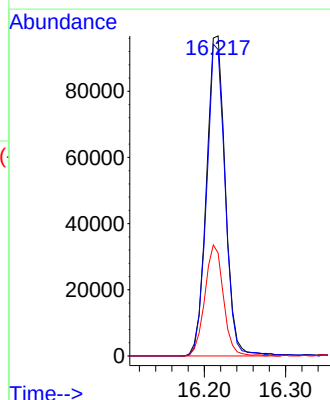
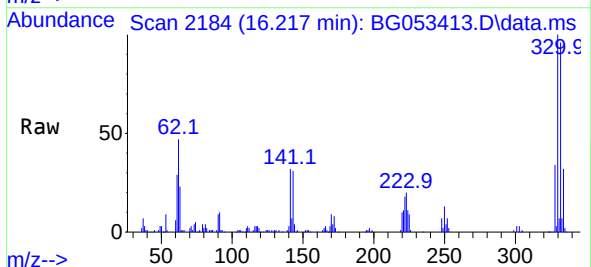
APPROVED

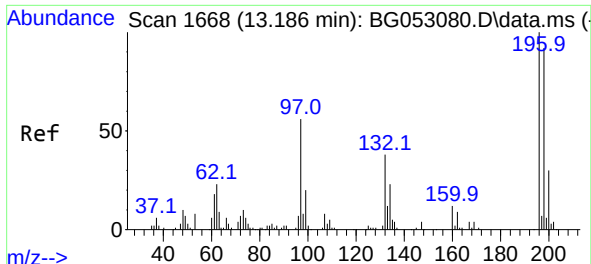
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#42
2,4,6-Tribromophenol
Concen: 111.788 ng
RT: 16.217 min Scan# 2184
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:330 Resp: 155720
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 34.2 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 36.012 ng
RT: 13.168 min Scan# 1668
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

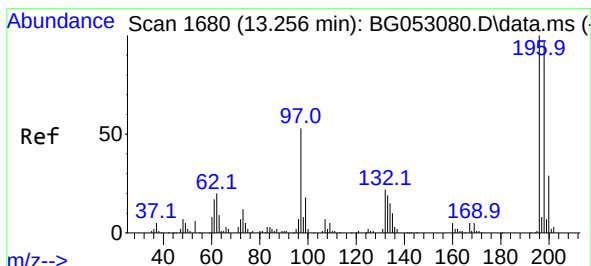
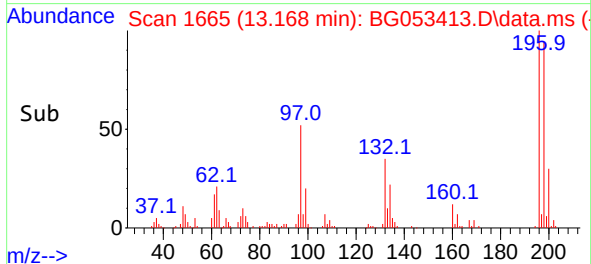
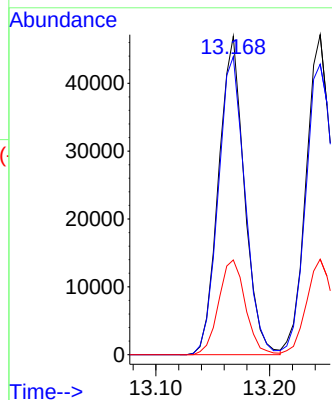
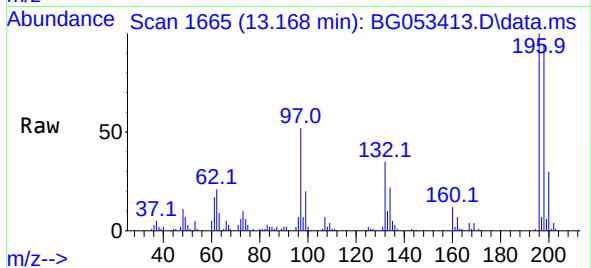
PB144515BS

Tgt Ion:196 Resp: 73830
Ion Ratio Lower Upper
196 100
198 93.6 78.8 118.2
200 29.8 25.1 37.7

Manual Integrations

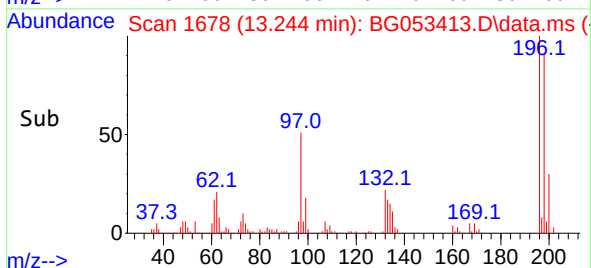
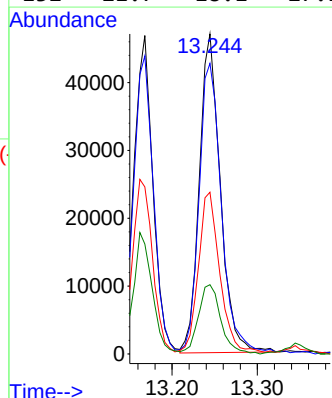
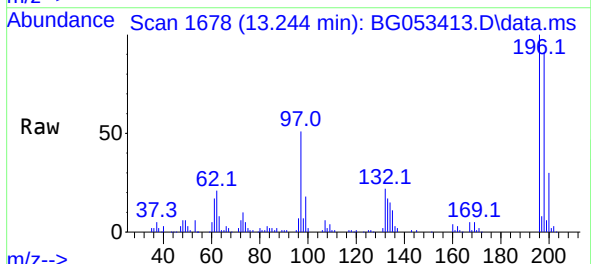
APPROVED

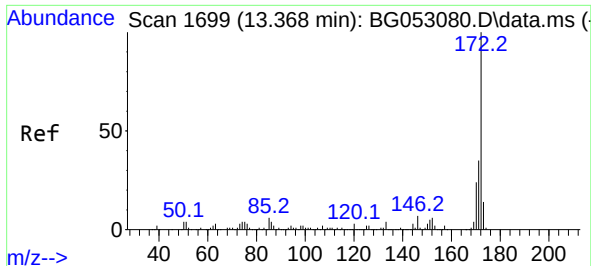
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#44
2,4,5-Trichlorophenol
Concen: 36.814 ng
RT: 13.244 min Scan# 1678
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:196 Resp: 80432
Ion Ratio Lower Upper
196 100
198 90.8 75.8 113.6
97 50.5 36.5 54.7
132 21.7 18.1 27.1





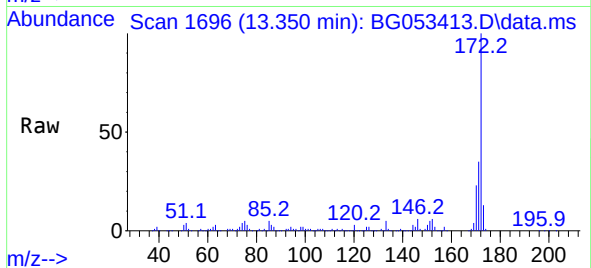
#45
2-Fluorobiphenyl
Concen: 74.418 ng
RT: 13.350 min Scan# 1696
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

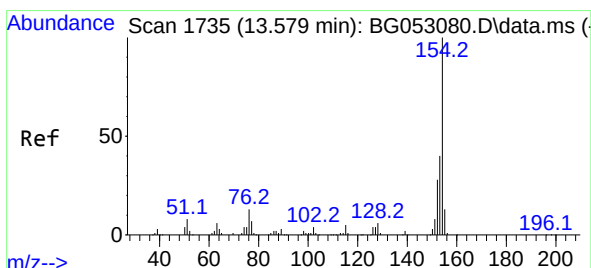
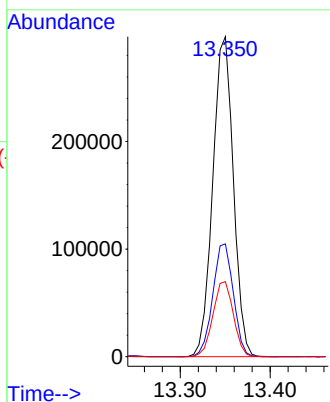
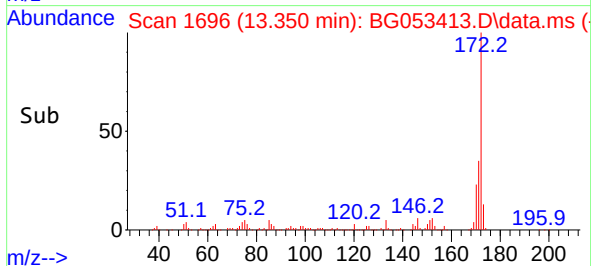


Tgt Ion:172 Resp: 472530
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.0 27.0

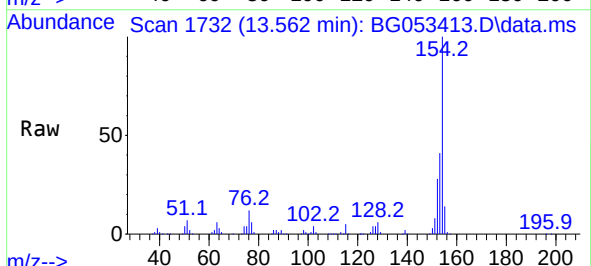
Manual Integrations

APPROVED

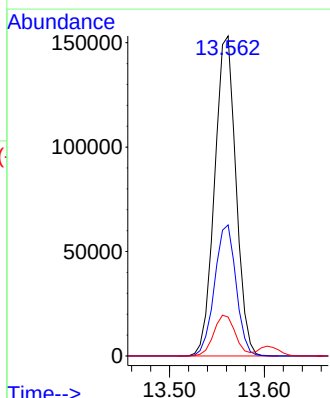
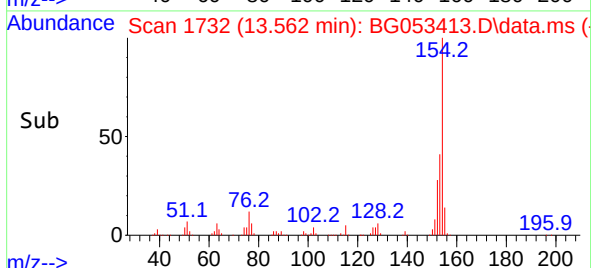
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

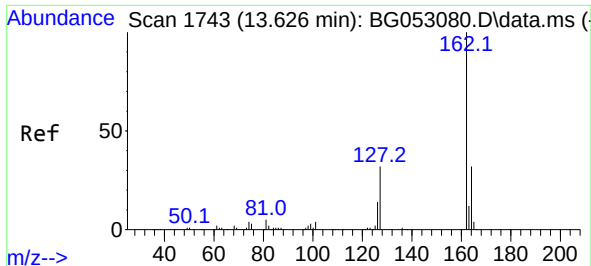


#46
1,1'-Biphenyl
Concen: 37.982 ng
RT: 13.562 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:154 Resp: 239486
Ion Ratio Lower Upper
154 100
153 40.9 21.6 61.6
76 12.1 0.0 31.5





#47
2-Chloronaphthalene
Concen: 37.380 ng
RT: 13.603 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

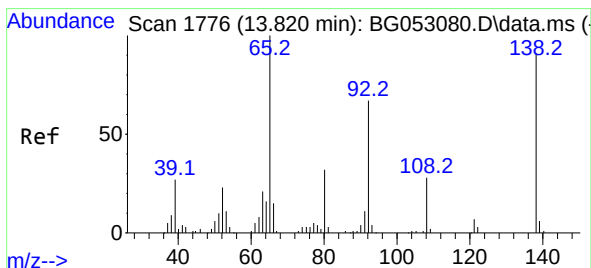
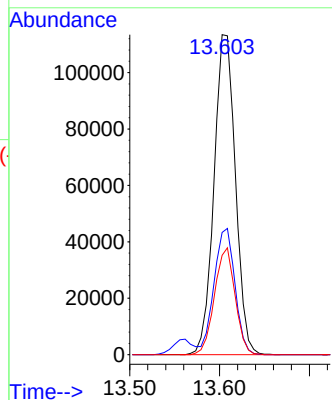
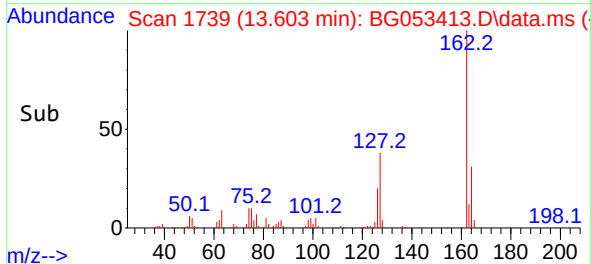
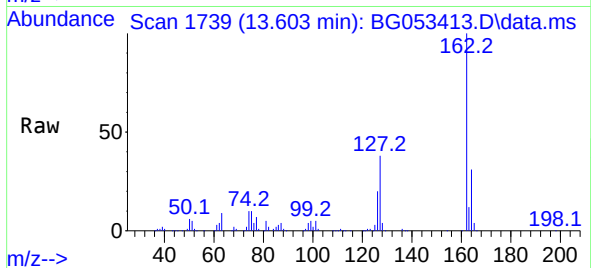
PB144515BS

Tgt Ion:162 Resp: 188040
Ion Ratio Lower Upper
162 100
127 38.2 28.1 42.1
164 31.1 26.0 39.0

Manual Integrations

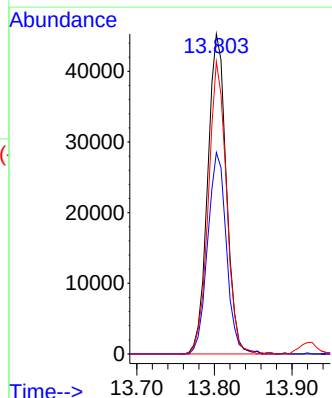
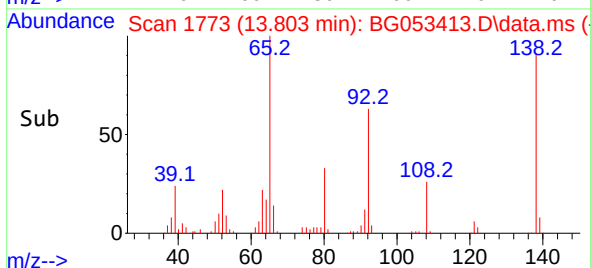
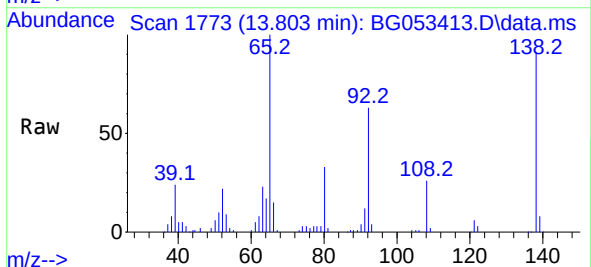
APPROVED

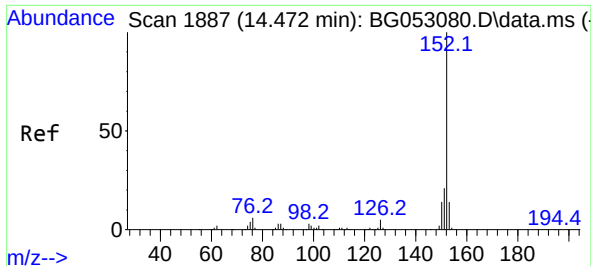
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#48
2-Nitroaniline
Concen: 39.599 ng
RT: 13.803 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion: 65 Resp: 75598
Ion Ratio Lower Upper
65 100
92 63.0 52.1 78.1
138 91.3 80.1 120.1





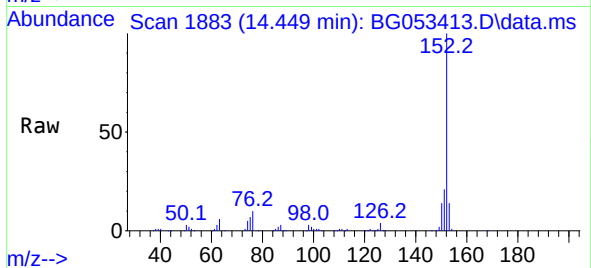
#49
Acenaphthylene
Concen: 40.509 ng
RT: 14.449 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

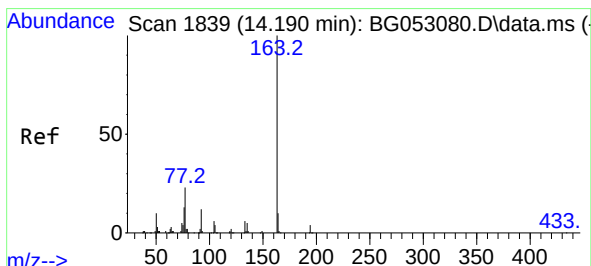
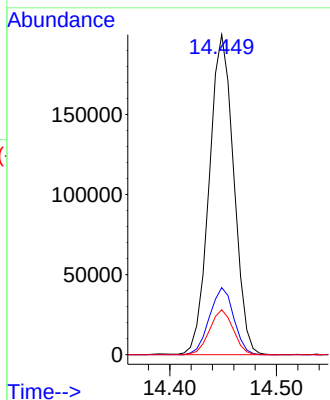
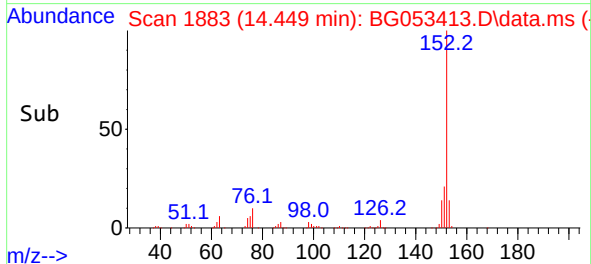


Tgt Ion:152 Resp: 31899
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 14.0 10.6 15.8

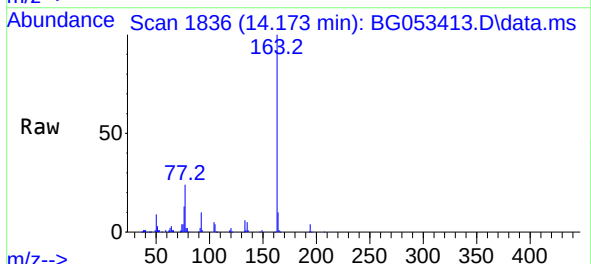
Manual Integrations

APPROVED

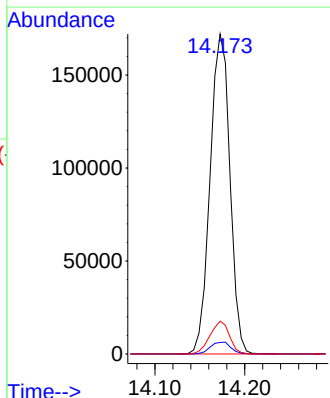
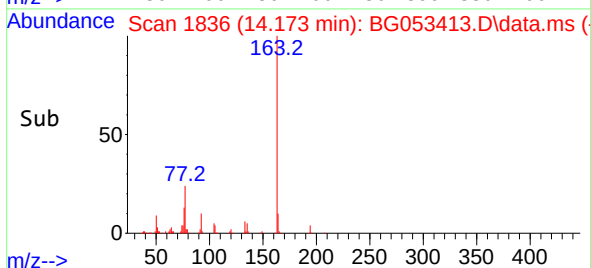
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

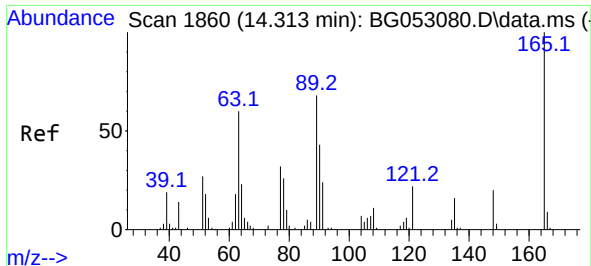


#50
Dimethylphthalate
Concen: 37.643 ng
RT: 14.173 min Scan# 1836
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:163 Resp: 263617
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 39.443 ng
RT: 14.296 min Scan# 1860
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

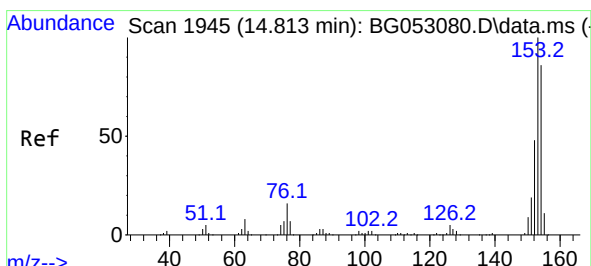
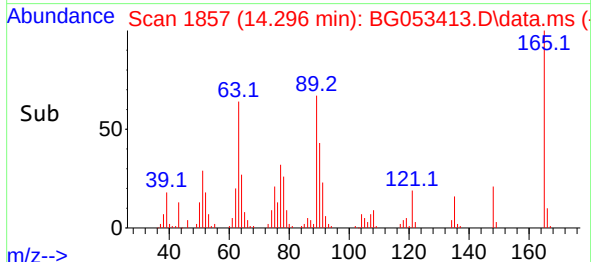
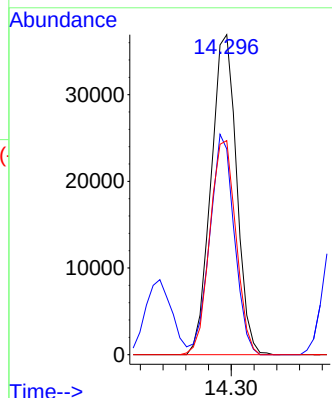
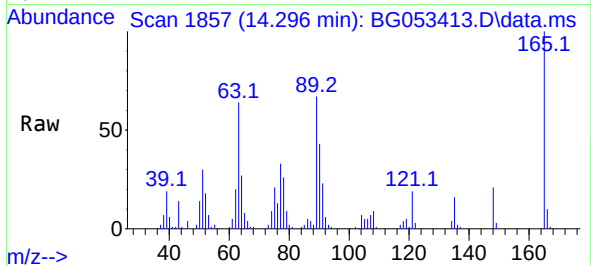
PB144515BS

Tgt Ion:165 Resp: 5762
Ion Ratio Lower Upper
165 100
63 64.3 43.7 65.5
89 66.9 45.0 67.4

Manual Integrations

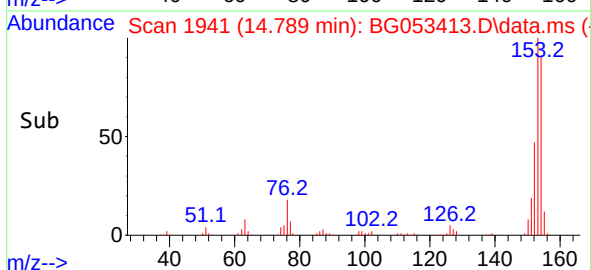
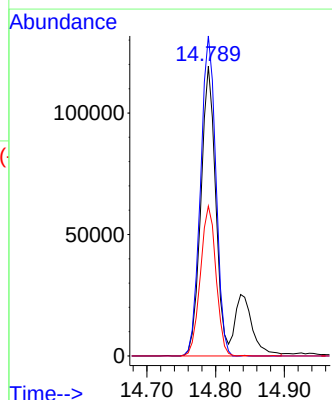
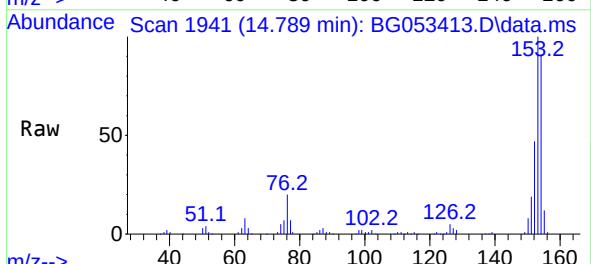
APPROVED

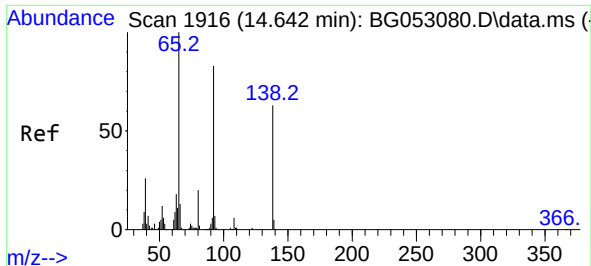
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#52
Acenaphthene
Concen: 41.709 ng m
RT: 14.789 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

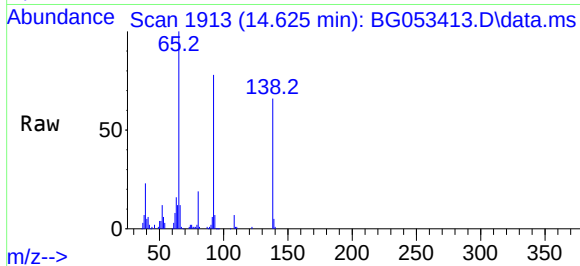
Tgt Ion:154 Resp: 222737
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.4
152 51.7 40.5 60.7





#53
3-Nitroaniline
Concen: 33.659 ng
RT: 14.625 min Scan# 1916
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

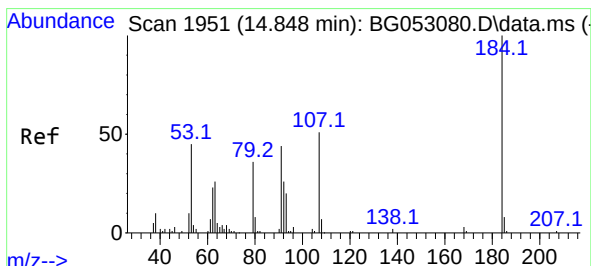
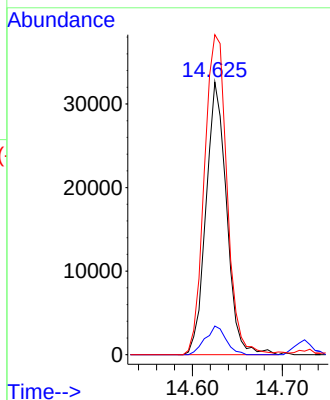
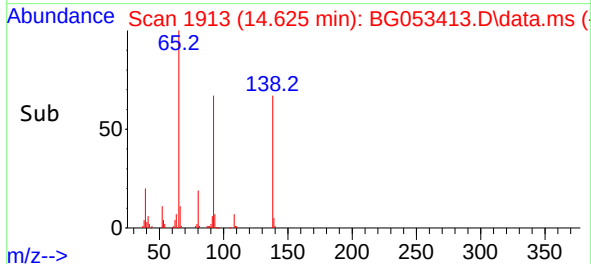
Instrument :
BNA_G
ClientSampleId :
PB144515BS



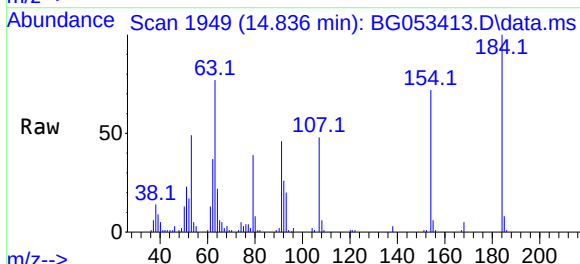
Tgt Ion:138 Resp: 51998
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 117.4 96.2 144.2

Manual Integrations
APPROVED

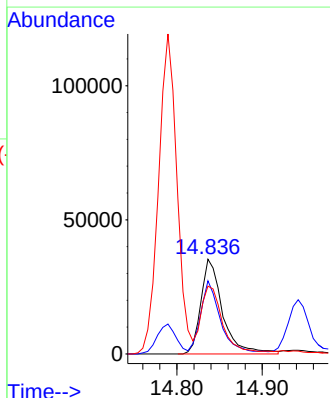
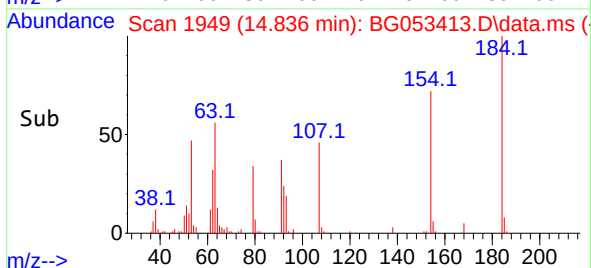
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

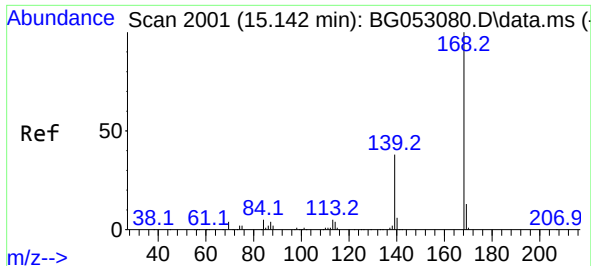


#54
2,4-Dinitrophenol
Concen: 67.324 ng
RT: 14.836 min Scan# 1949
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:184 Resp: 62584
Ion Ratio Lower Upper
184 100
63 77.2 51.8 77.6
154 71.7 47.8 71.6#





#55
Dibenzofuran
Concen: 36.889 ng
RT: 15.124 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

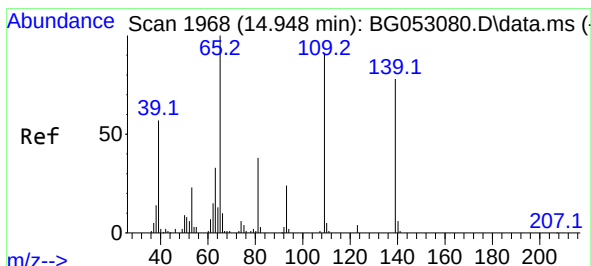
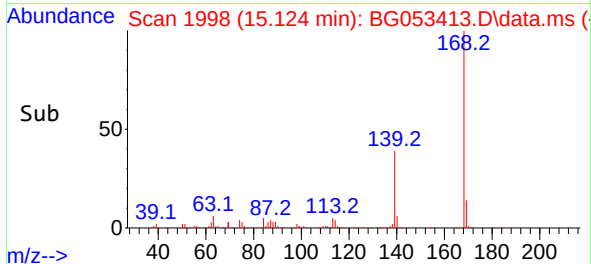
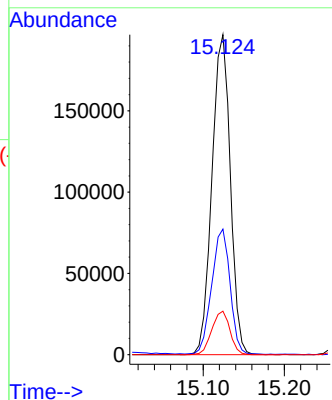
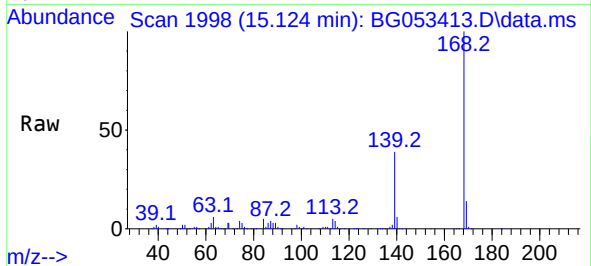
ClientSampleId :

PB144515BS

Tgt Ion:168 Resp: 30846
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.4
169 13.6 10.7 16.1

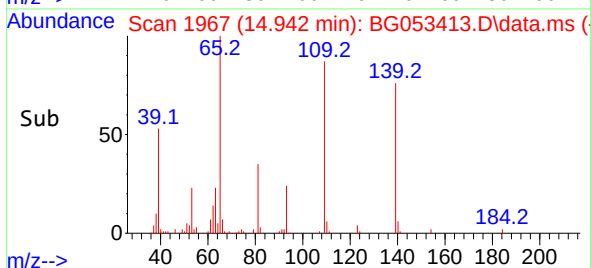
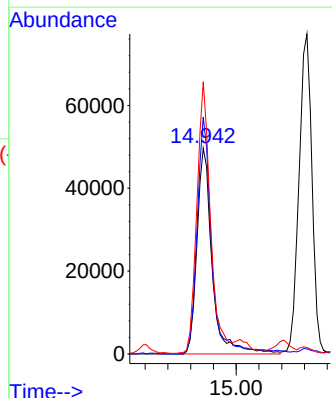
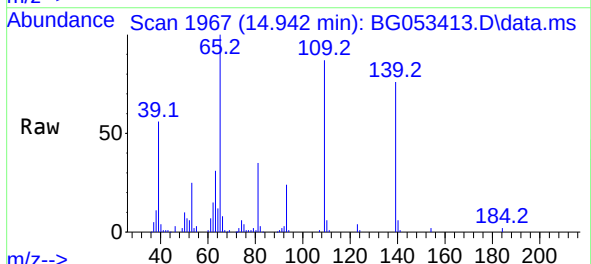
Manual Integrations
APPROVED

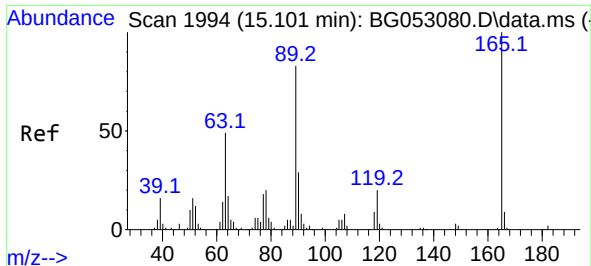
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#56
4-Nitrophenol
Concen: 78.089 ng
RT: 14.942 min Scan# 1967
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:139 Resp: 92006
Ion Ratio Lower Upper
139 100
109 115.1 67.1 107.1#
65 132.3 88.2 128.2#





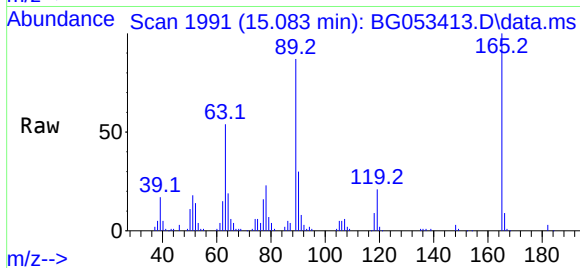
#57
2,4-Dinitrotoluene
Concen: 39.565 ng
RT: 15.083 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

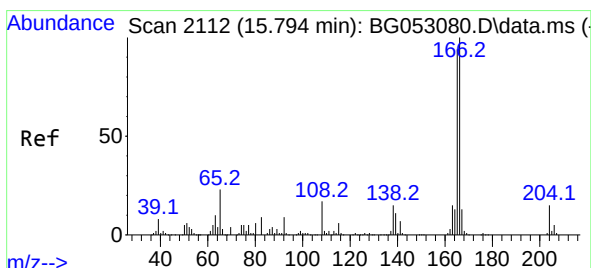
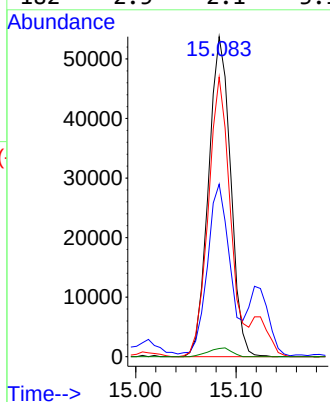
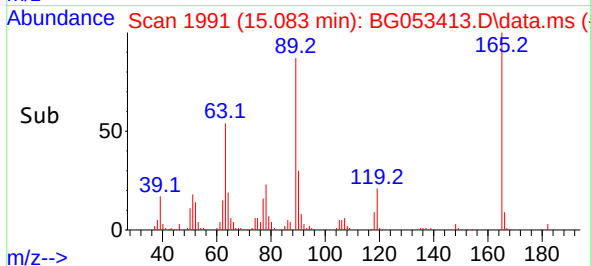


Tgt Ion:165 Resp: 82294
Ion Ratio Lower Upper
165 100
63 53.9 34.8 52.2
89 87.4 57.4 86.0
182 2.5 2.1 3.1

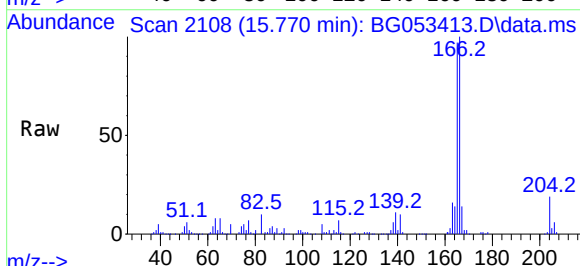
Manual Integrations

APPROVED

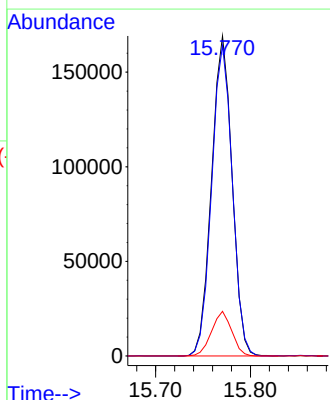
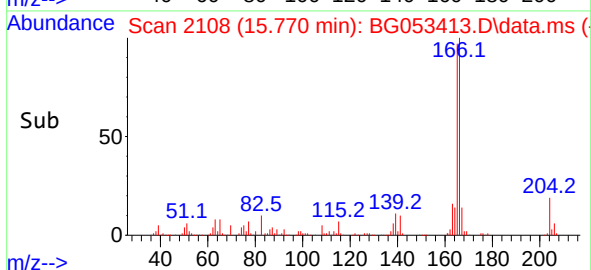
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

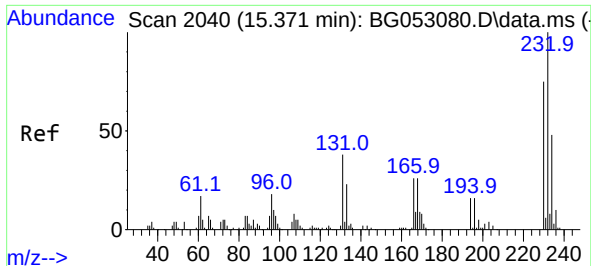


#58
Fluorene
Concen: 37.677 ng
RT: 15.770 min Scan# 2108
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:166 Resp: 254459
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.714 ng
RT: 15.353 min Scan# 2037
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

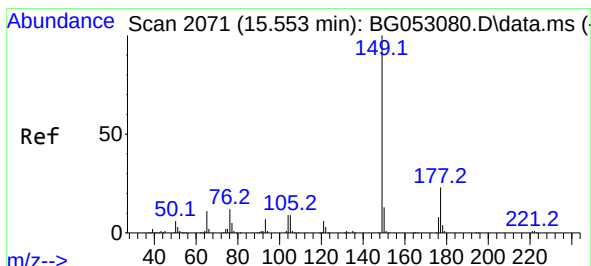
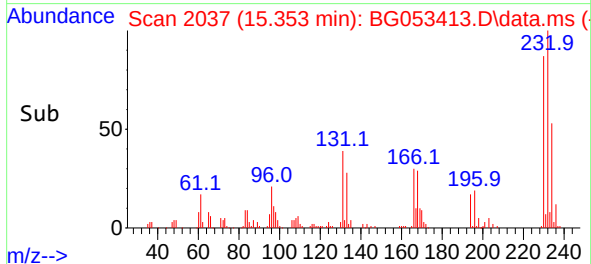
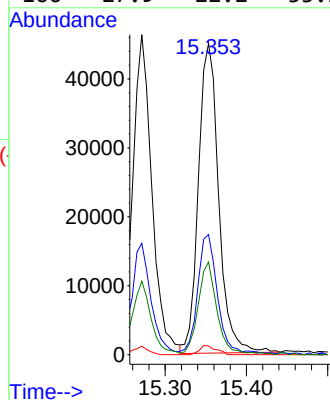
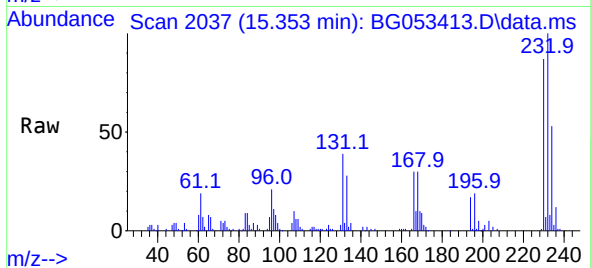
PB144515BS

Tgt Ion:232 Resp: 77898
Ion Ratio Lower Upper
232 100
131 37.6 30.1 45.1
130 2.4 1.8 2.8
166 27.9 22.2 33.2

Manual Integrations

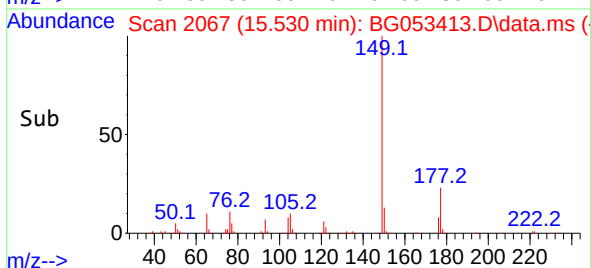
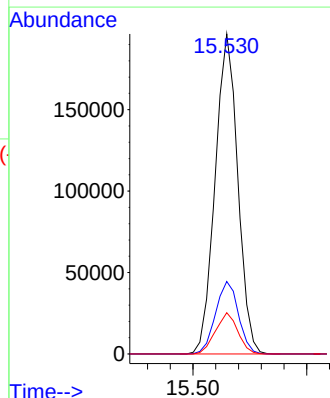
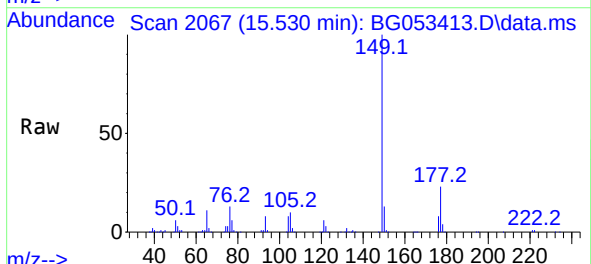
APPROVED

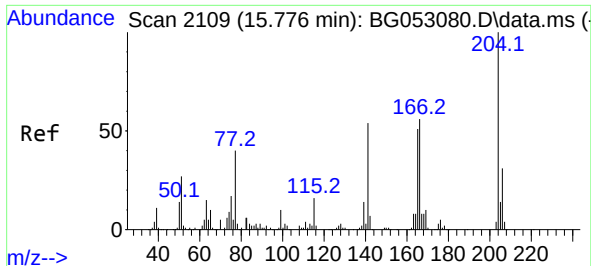
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#60
Diethylphthalate
Concen: 37.003 ng
RT: 15.530 min Scan# 2067
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:149 Resp: 271512
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.9 9.9 14.9





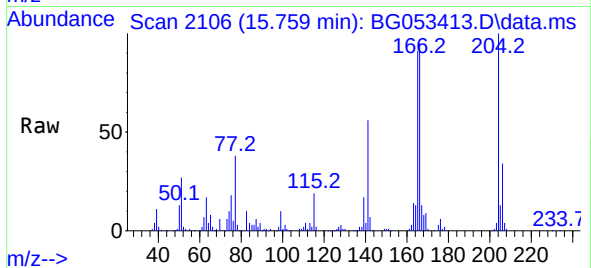
#61
4-Chlorophenyl-phenylether
Concen: 36.663 ng
RT: 15.759 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

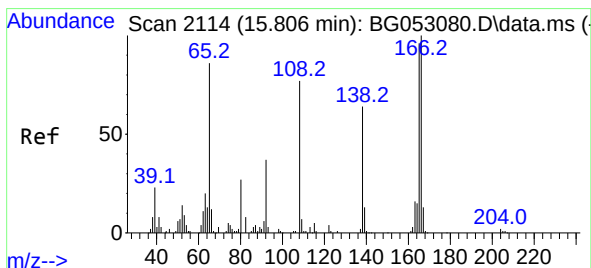
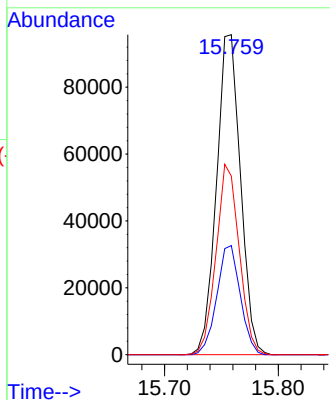
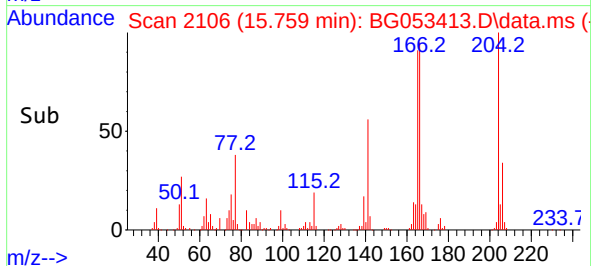


Tgt Ion:204 Resp: 14036
Ion Ratio Lower Upper
204 100
206 34.1 28.3 42.5
141 55.8 45.8 68.8

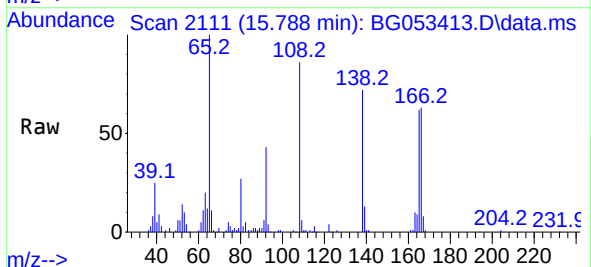
Manual Integrations

APPROVED

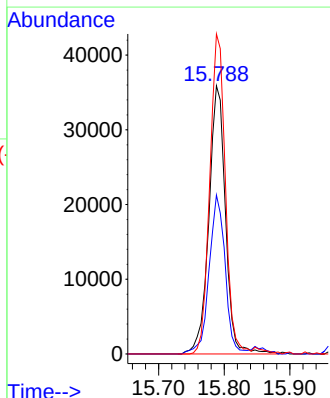
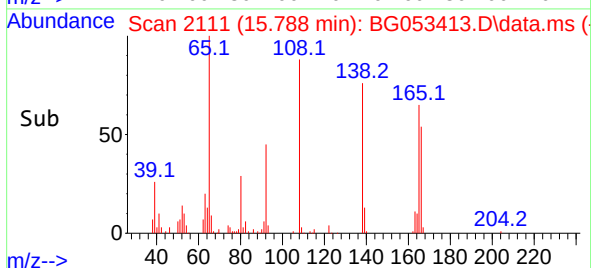
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

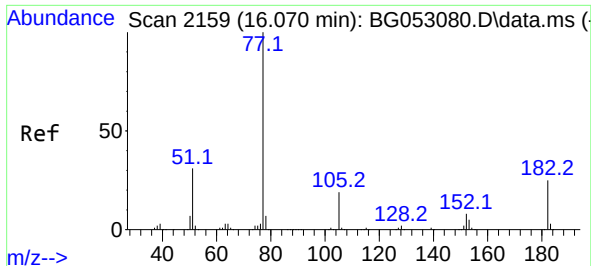


#62
4-Nitroaniline
Concen: 38.778 ng
RT: 15.788 min Scan# 2111
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:138 Resp: 63214
Ion Ratio Lower Upper
138 100
92 59.3 33.3 73.3
108 119.3 74.2 114.2#





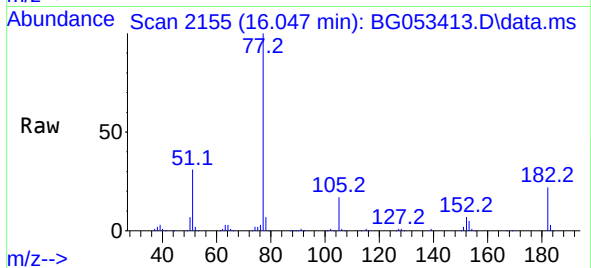
#63
Azobenzene
Concen: 37.389 ng
RT: 16.047 min Scan# 2155
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

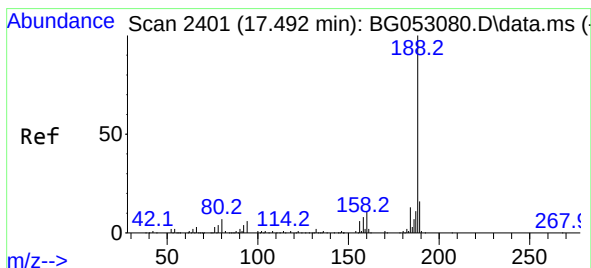
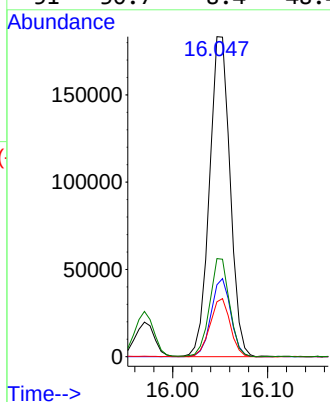
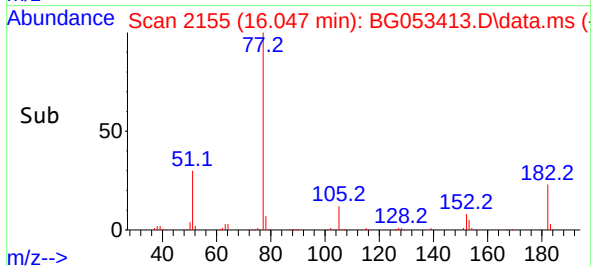


Tgt Ion: 77 Resp: 276599
Ion Ratio Lower Upper
77 100
182 22.4 5.6 45.6
105 17.2 0.0 38.8
51 30.7 8.4 48.4

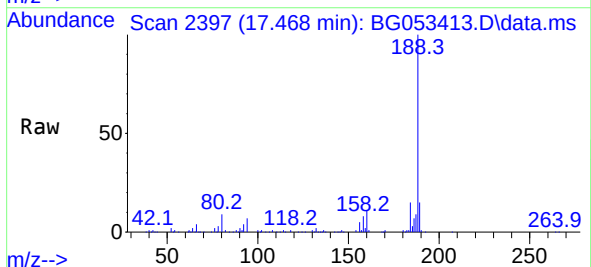
Manual Integrations

APPROVED

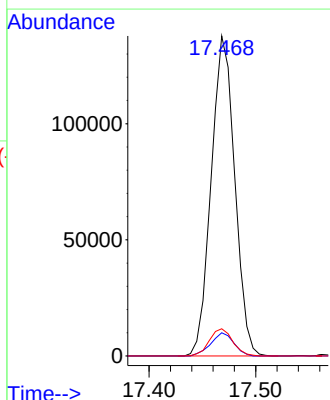
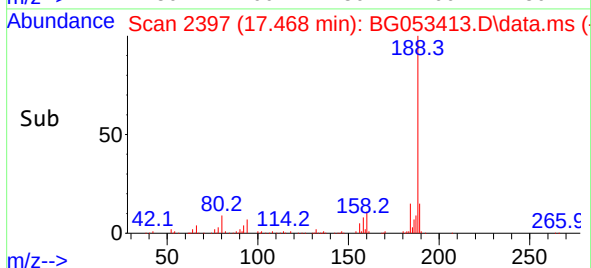
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

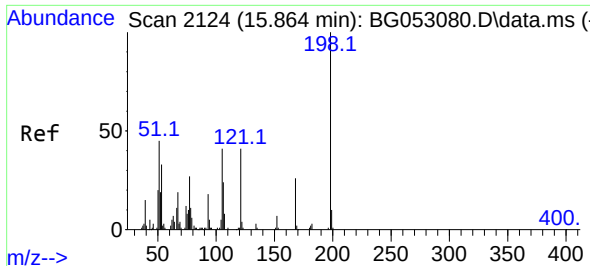


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2397
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:188 Resp: 211122
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.5 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 34.320 ng
RT: 15.853 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

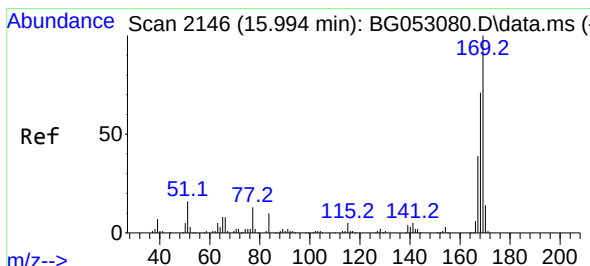
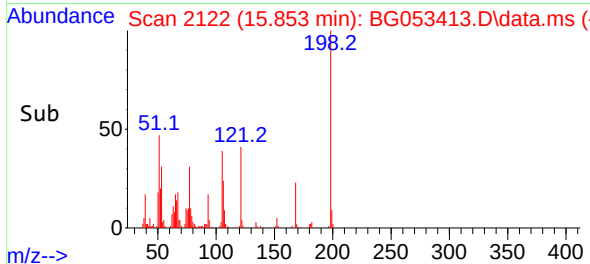
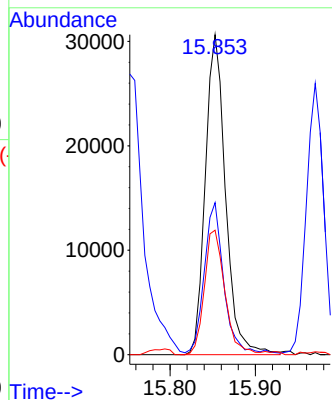
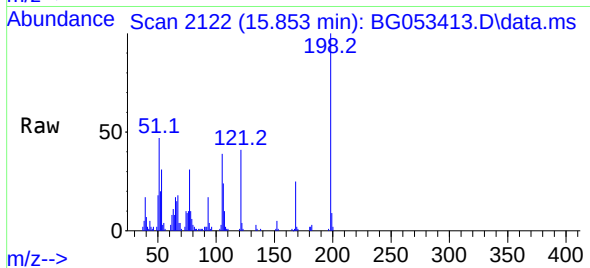
PB144515BS

Tgt Ion:198 Resp: 5055
Ion Ratio Lower Upper
198 100
51 47.5 21.7 61.7
105 38.9 20.8 60.8

Manual Integrations

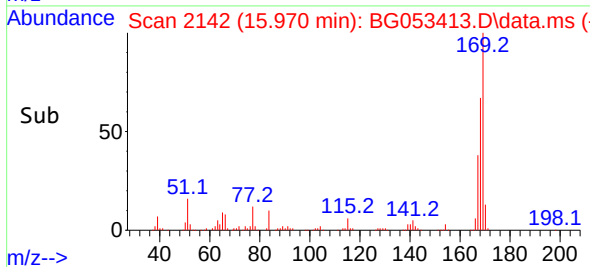
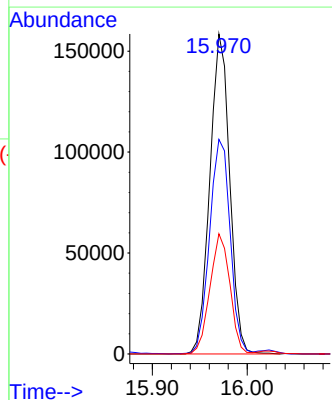
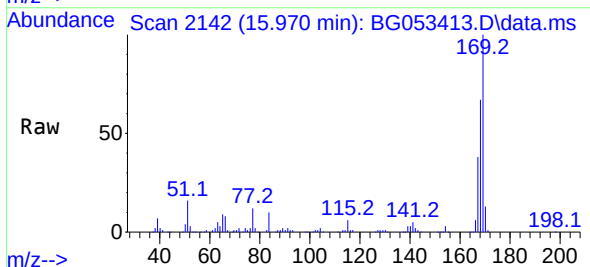
APPROVED

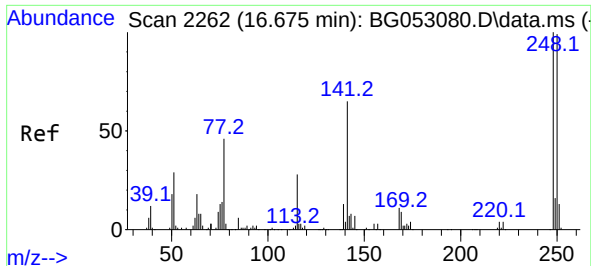
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#66
n-Nitrosodiphenylamine
Concen: 37.881 ng
RT: 15.970 min Scan# 2142
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:169 Resp: 229984
Ion Ratio Lower Upper
169 100
168 67.0 54.5 81.7
167 37.6 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 36.932 ng
RT: 16.652 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

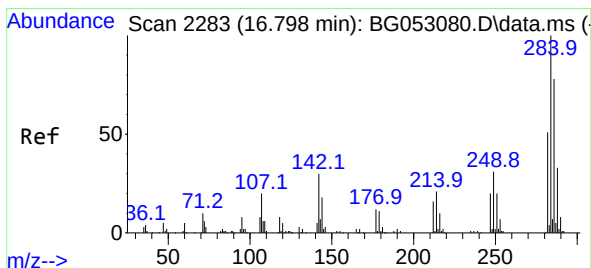
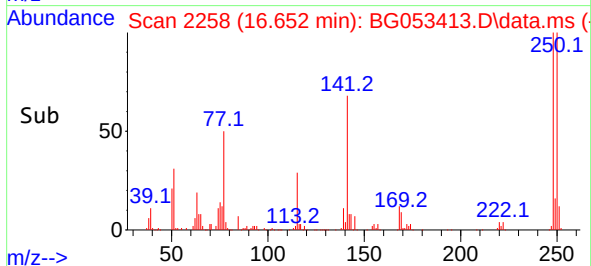
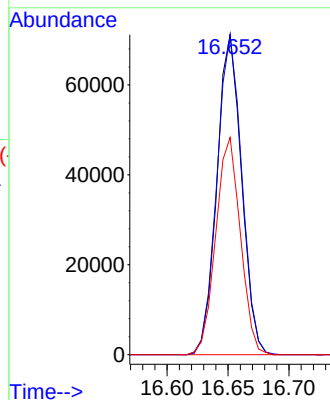
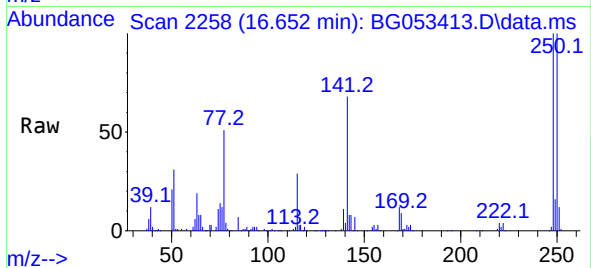
PB144515BS

Tgt Ion:248 Resp: 99905
Ion Ratio Lower Upper
248 100
250 100.1 77.9 116.9
141 67.9 49.2 73.8

Manual Integrations

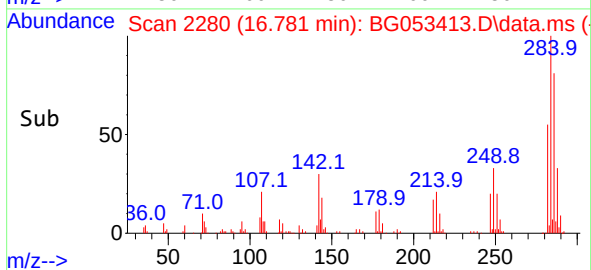
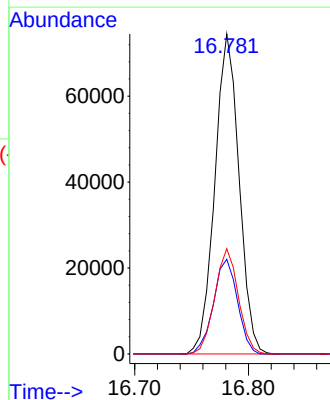
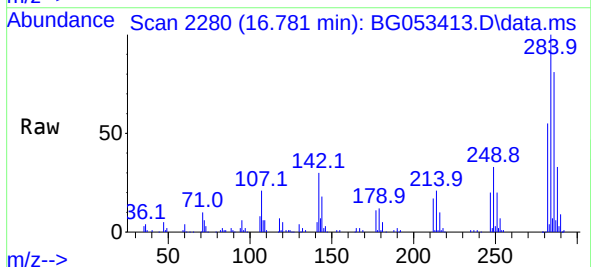
APPROVED

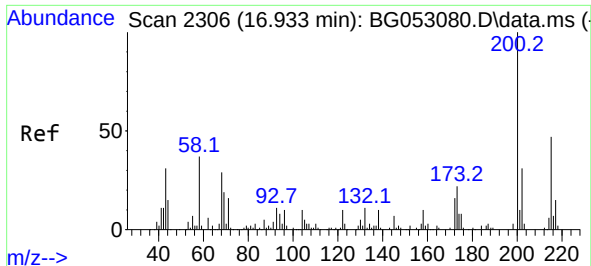
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#68
Hexachlorobenzene
Concen: 37.542 ng
RT: 16.781 min Scan# 2280
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:284 Resp: 109985
Ion Ratio Lower Upper
284 100
142 29.6 21.0 31.4
249 32.9 22.7 34.1





#69
Atrazine
Concen: 43.201 ng
RT: 16.916 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

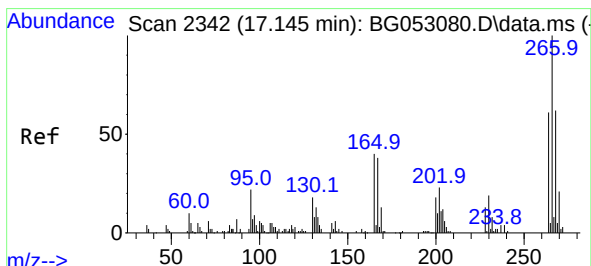
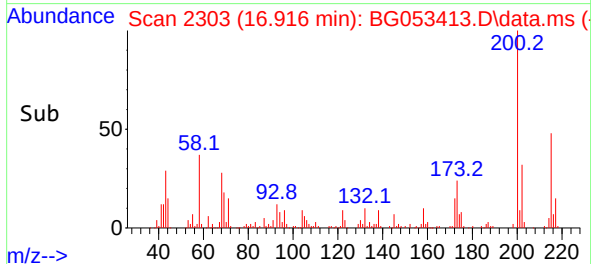
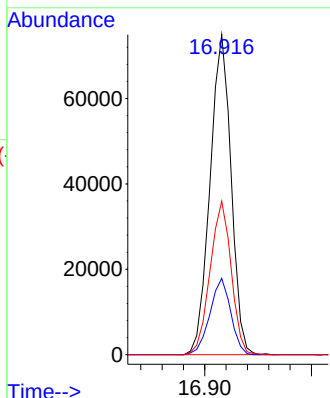
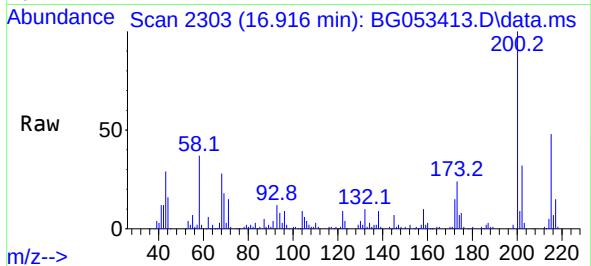
PB144515BS

Tgt Ion:200 Resp: 10245
Ion Ratio Lower Upper
200 100
173 23.9 3.8 43.8
215 47.9 26.3 66.3

Manual Integrations

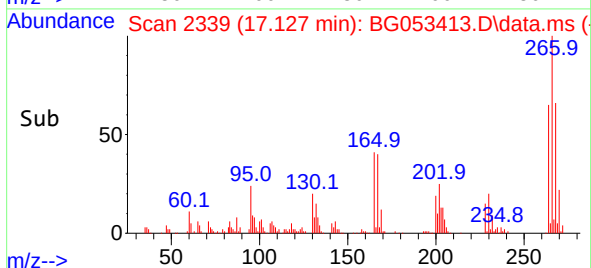
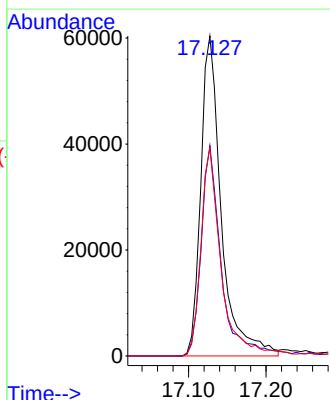
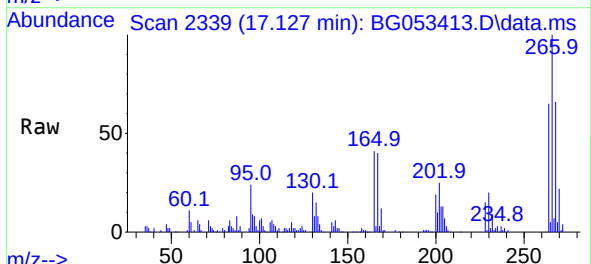
APPROVED

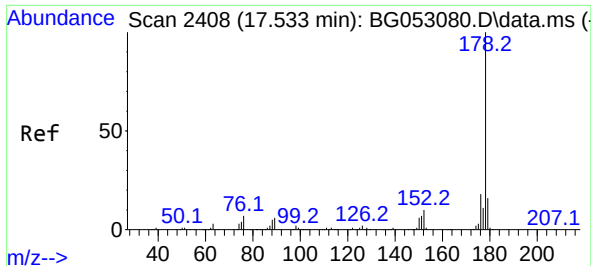
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#70
Pentachlorophenol
Concen: 69.532 ng
RT: 17.127 min Scan# 2339
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

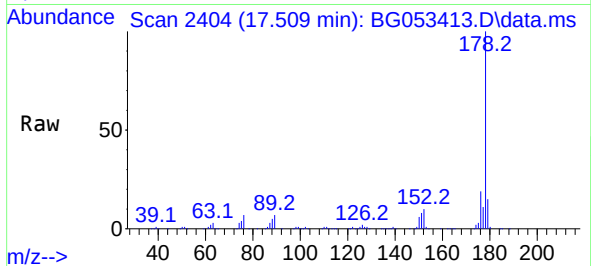
Tgt Ion:266 Resp: 111328
Ion Ratio Lower Upper
266 100
268 65.7 45.9 68.9
264 65.0 45.3 67.9





#71
Phenanthrene
Concen: 38.758 ng
RT: 17.509 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

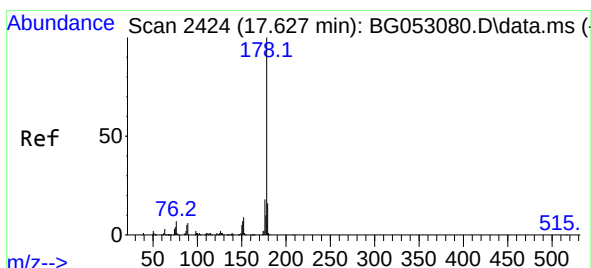
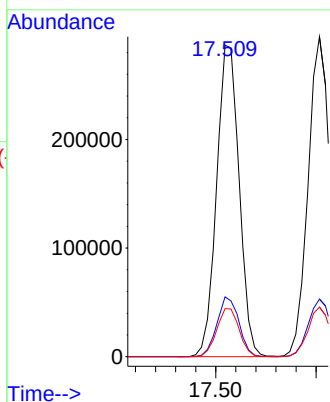
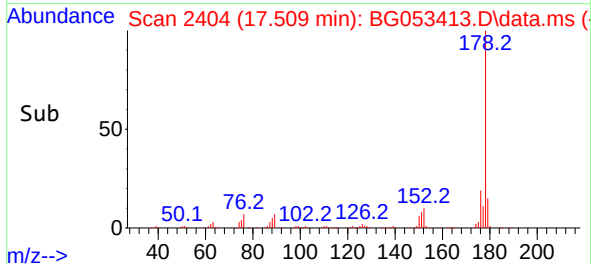
Instrument :
BNA_G
ClientSampleId :
PB144515BS



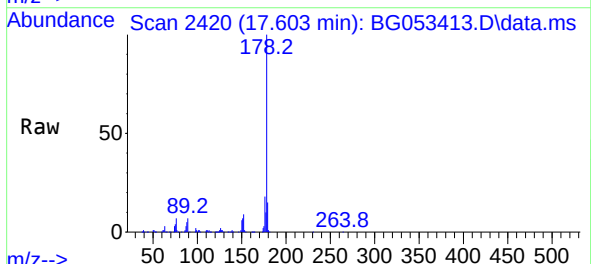
Tgt Ion:178 Resp: 44695
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.4 13.4 20.2

Manual Integrations
APPROVED

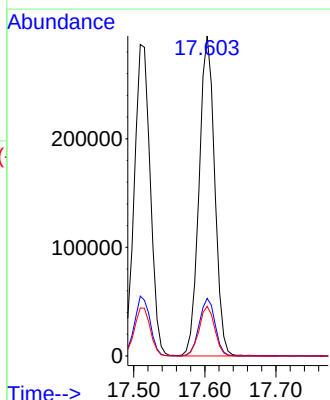
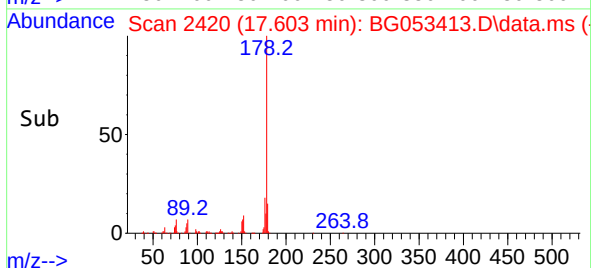
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

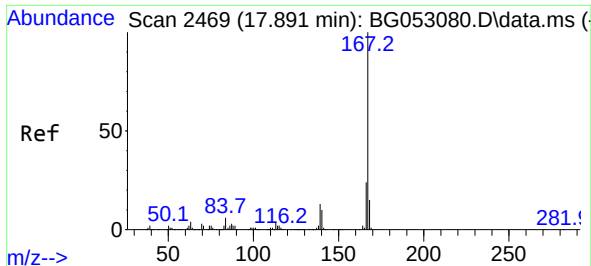


#72
Anthracene
Concen: 39.400 ng
RT: 17.603 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



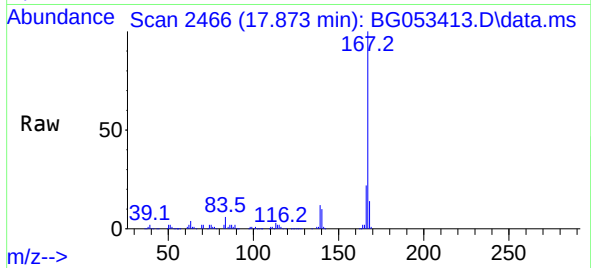
Tgt Ion:178 Resp: 450132
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.5 13.2 19.8





#73
 Carbazole
 Concen: 38.215 ng
 RT: 17.873 min Scan# 2466
 Delta R.T. 0.003 min
 Lab File: BG053413.D
 Acq: 3 May 2022 12:05

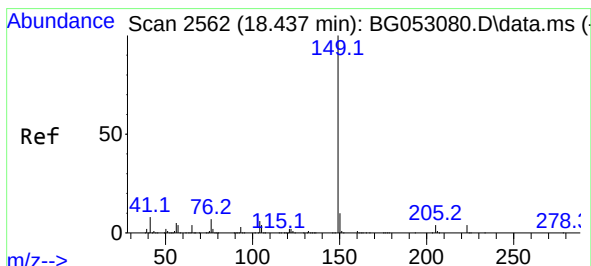
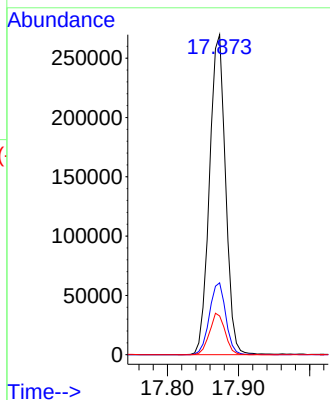
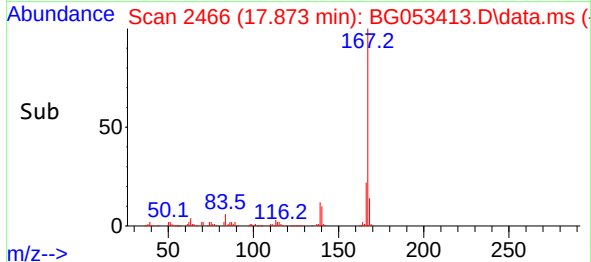
Instrument :
 BNA_G
 ClientSampleId :
 PB144515BS



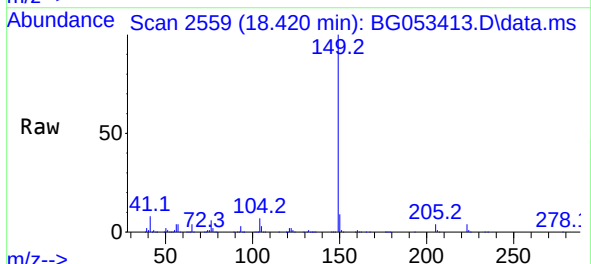
Tgt Ion:167 Resp: 424394
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.5 27.7
 139 12.1 10.0 15.0

Manual Integrations
 APPROVED

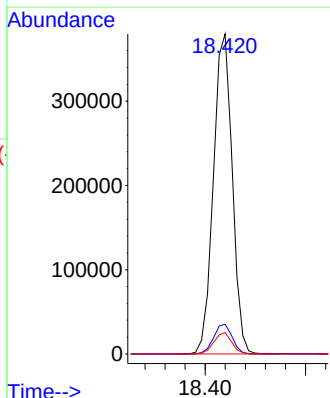
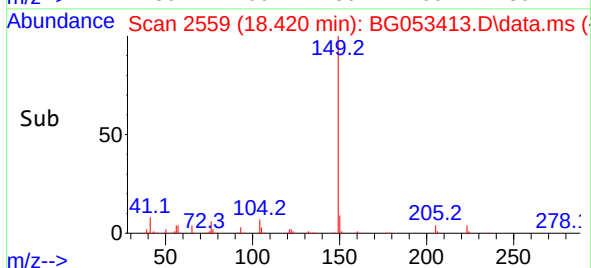
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022

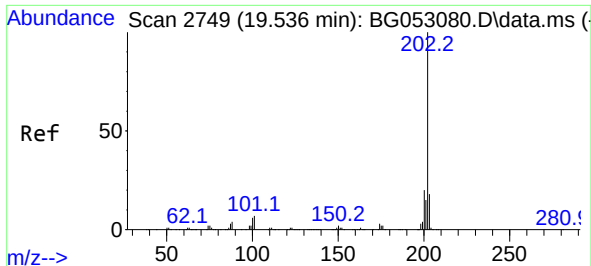


#74
 Di-n-butylphthalate
 Concen: 39.249 ng
 RT: 18.420 min Scan# 2559
 Delta R.T. 0.003 min
 Lab File: BG053413.D
 Acq: 3 May 2022 12:05



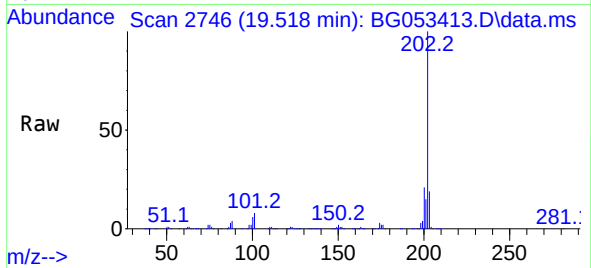
Tgt Ion:149 Resp: 494342
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 6.7 4.6 7.0





#75
Fluoranthene
Concen: 40.186 ng
RT: 19.518 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

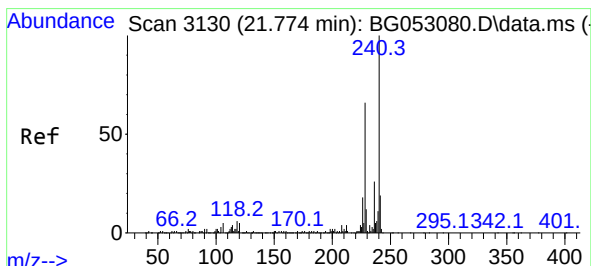
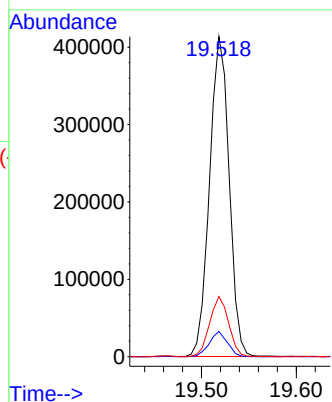
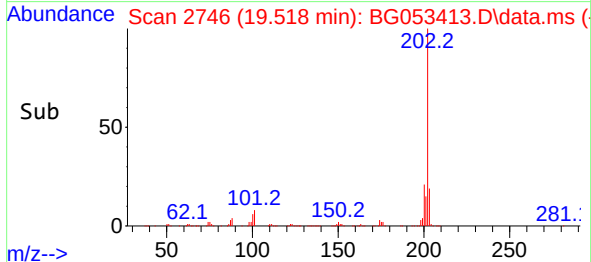
Instrument :
BNA_G
ClientSampleId :
PB144515BS



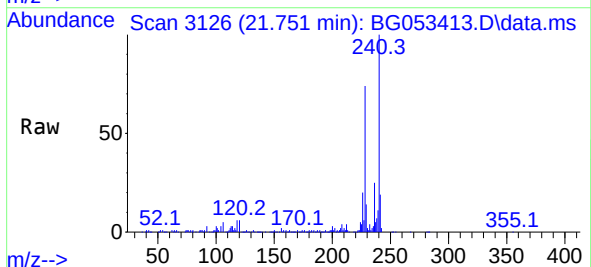
Tgt Ion:202 Resp: 59402
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.3
203 18.8 0.0 37.7

Manual Integrations
APPROVED

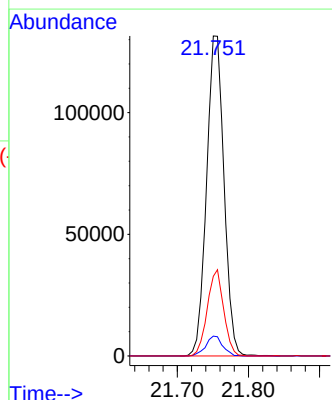
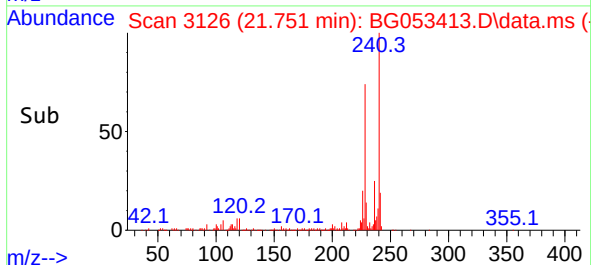
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

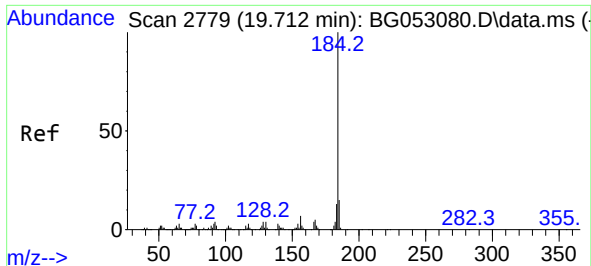


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:240 Resp: 224592
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.9 19.8 29.6





#77
Benzidine
Concen: 44.077 ng
RT: 19.689 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

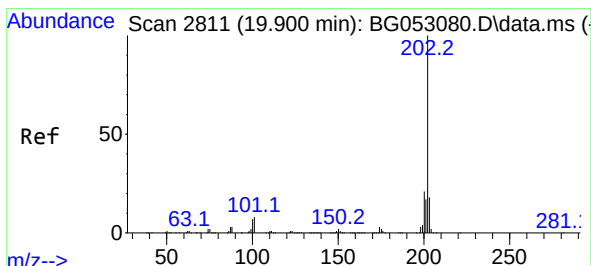
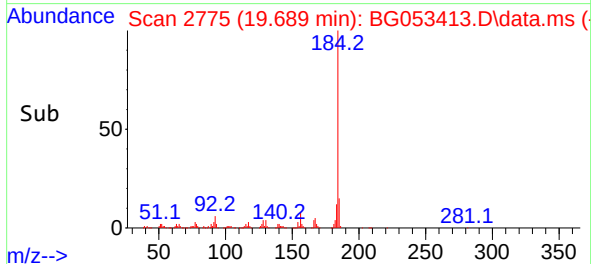
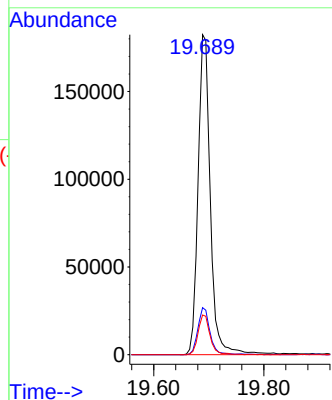
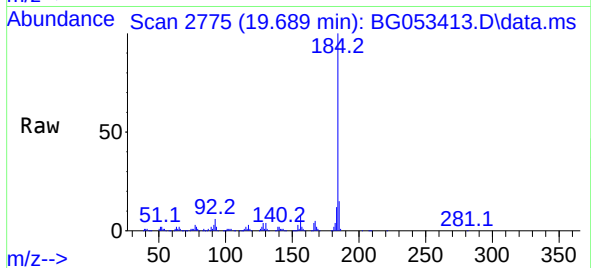
PB144515BS

Tgt Ion:184 Resp: 28244
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 12.4 9.4 14.2

Manual Integrations

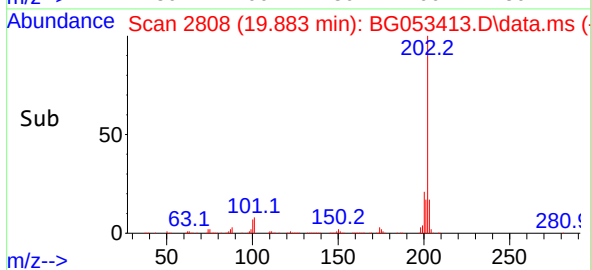
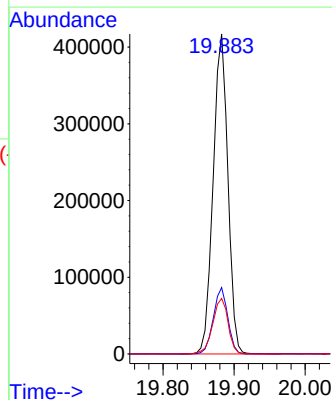
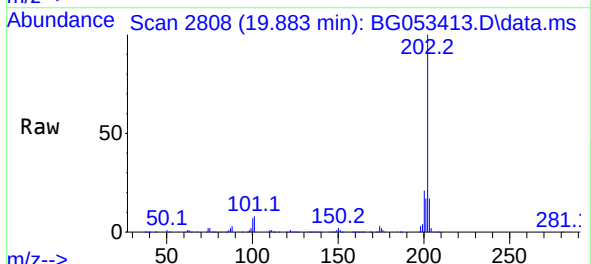
APPROVED

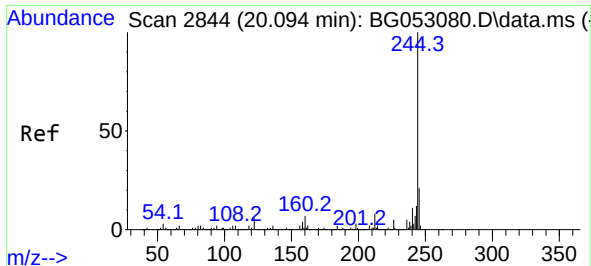
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#78
Pyrene
Concen: 37.442 ng
RT: 19.883 min Scan# 2808
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:202 Resp: 598896
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.3 15.0 22.6





#79
 Terphenyl-d14
 Concen: 74.806 ng
 RT: 20.070 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053413.D
 Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

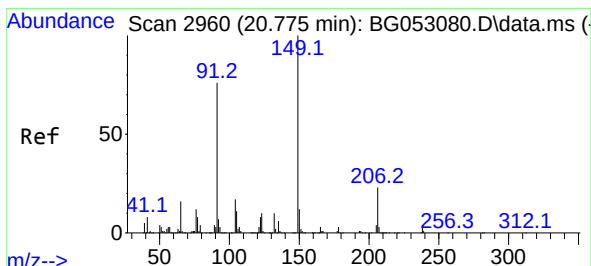
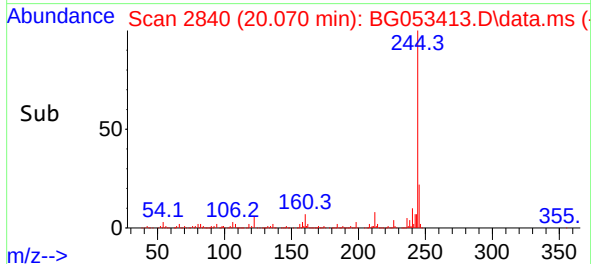
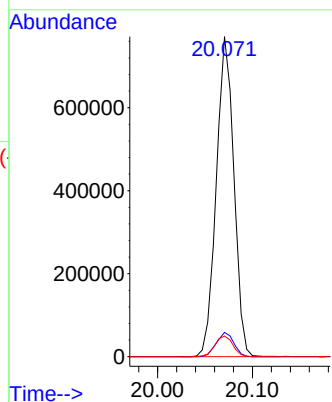
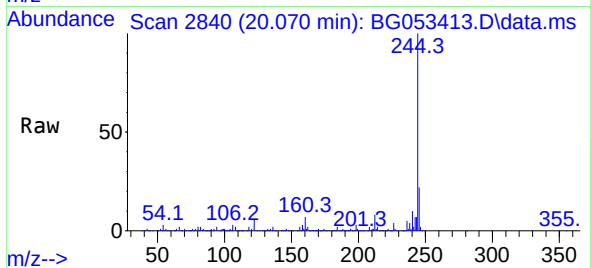
PB144515BS

Tgt Ion:244 Resp: 994774
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.4 5.8 8.6

Manual Integrations

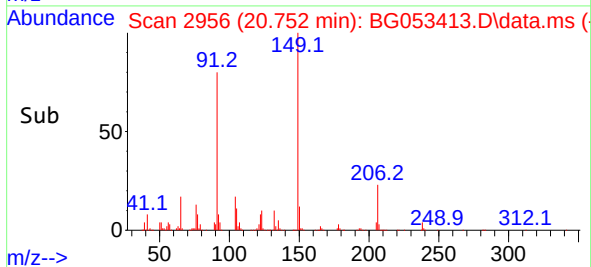
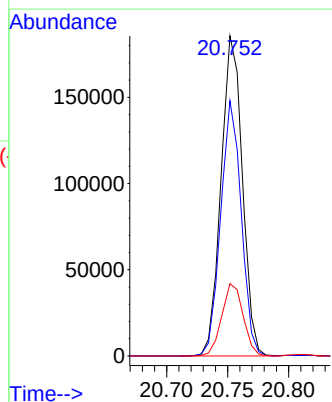
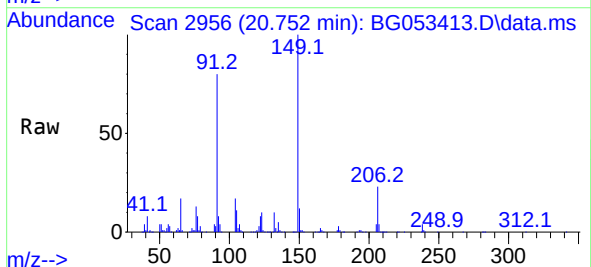
APPROVED

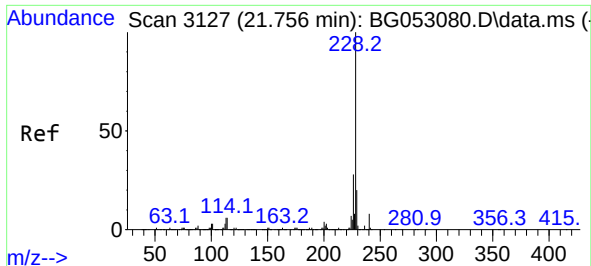
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022



#80
 Butylbenzylphthalate
 Concen: 37.903 ng
 RT: 20.752 min Scan# 2956
 Delta R.T. -0.003 min
 Lab File: BG053413.D
 Acq: 3 May 2022 12:05

Tgt Ion:149 Resp: 226030
 Ion Ratio Lower Upper
 149 100
 91 79.8 60.2 90.4
 206 22.6 19.4 29.2





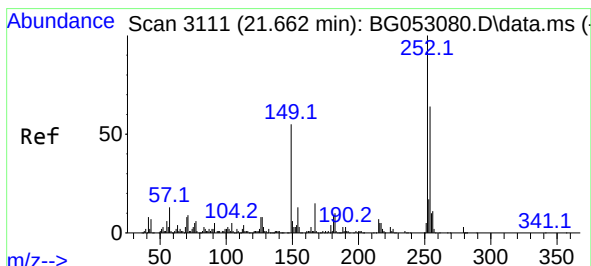
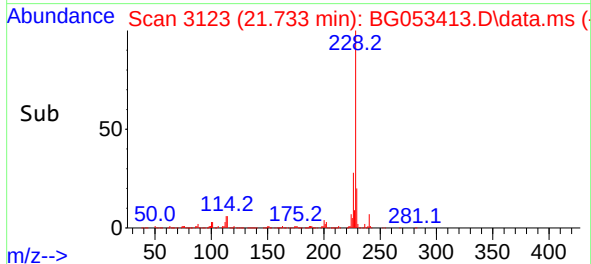
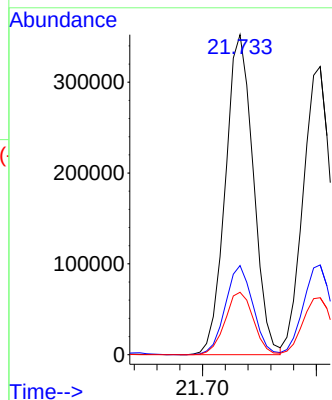
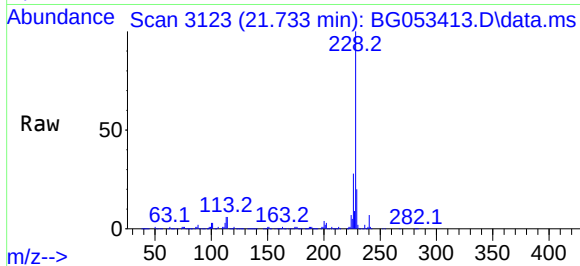
#81
Benzo(a)anthracene
Concen: 39.073 ng
RT: 21.733 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :
BNA_G
ClientSampleId :
PB144515BS

Tgt Ion:228 Resp: 600000
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 19.5 16.7 25.1

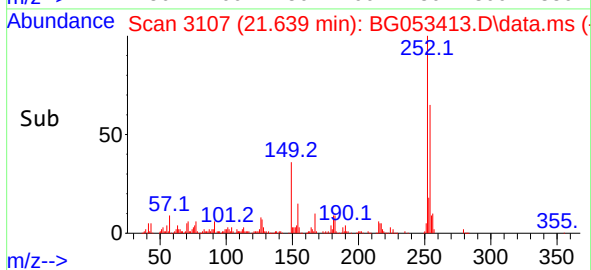
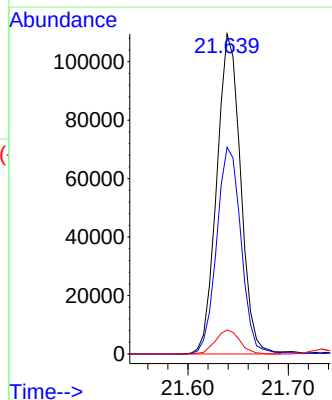
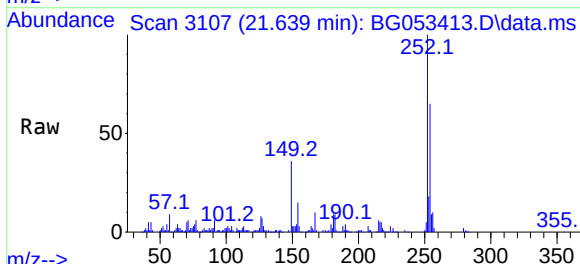
Manual Integrations
APPROVED

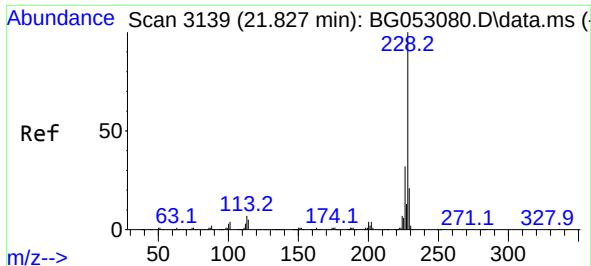
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#82
3,3'-Dichlorobenzidine
Concen: 31.954 ng
RT: 21.639 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

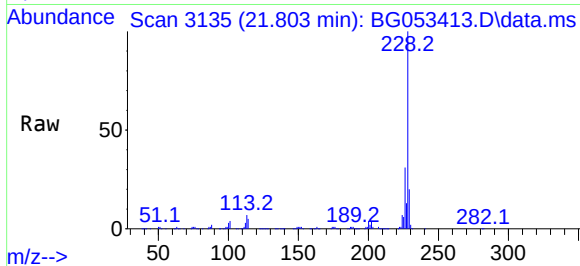
Tgt Ion:252 Resp: 180457
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 7.5 5.8 8.8





#83
Chrysene
Concen: 38.062 ng
RT: 21.803 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

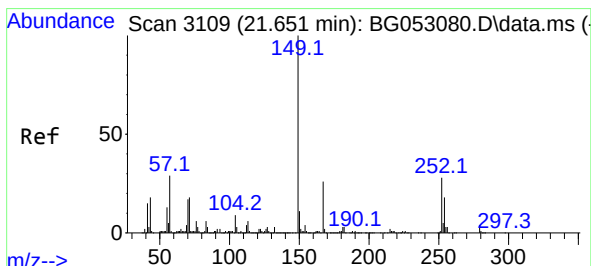
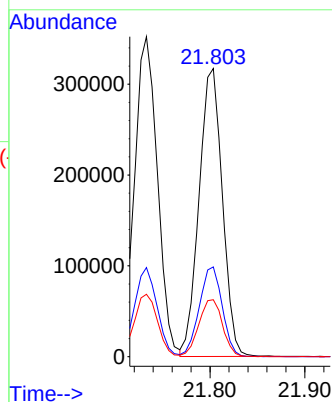
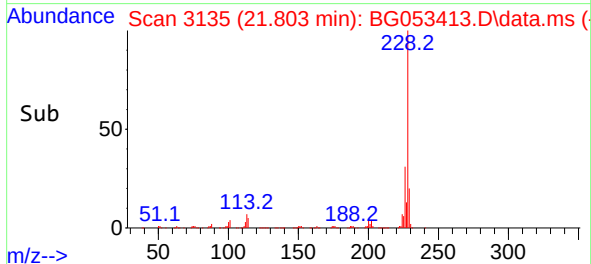
Instrument :
BNA_G
ClientSampleId :
PB144515BS



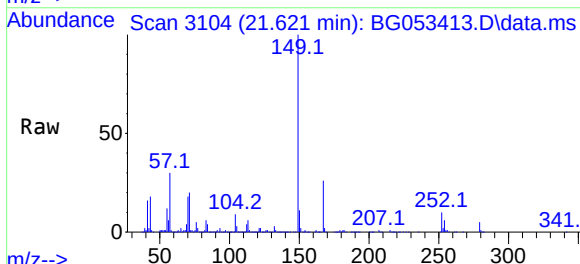
Tgt Ion:228 Resp: 54244
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 19.8 16.3 24.5

Manual Integrations
APPROVED

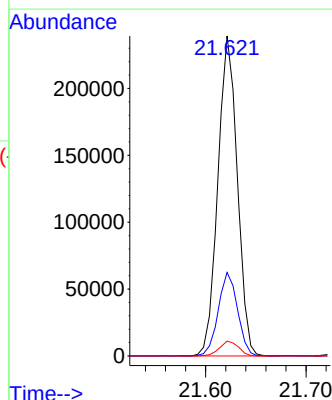
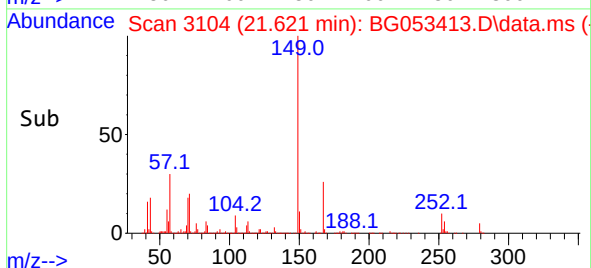
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

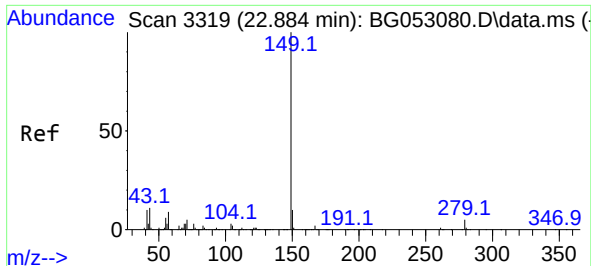


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.835 ng
RT: 21.621 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



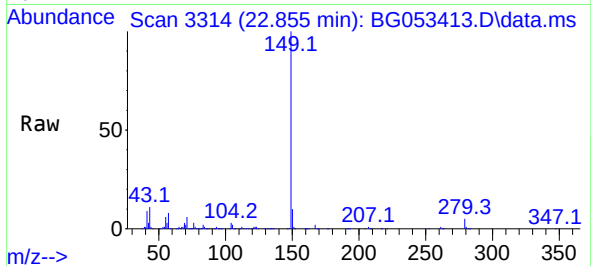
Tgt Ion:149 Resp: 321097
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 40.161 ng
RT: 22.855 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

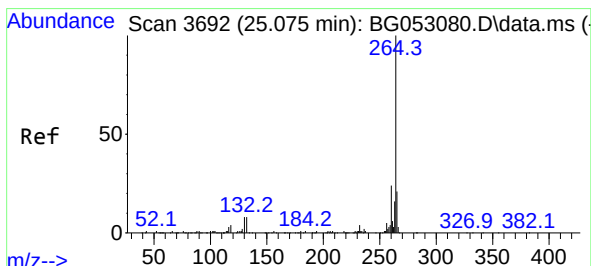
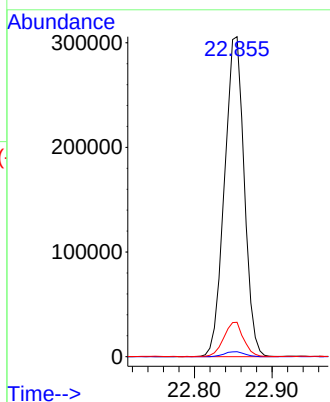
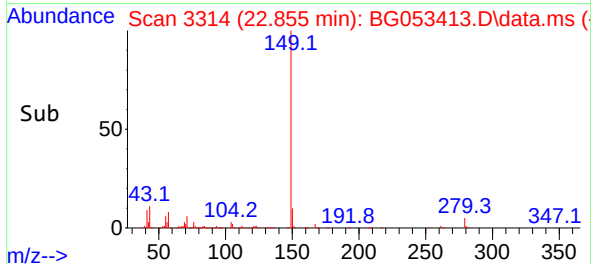
Instrument :
BNA_G
ClientSampleId :
PB144515BS



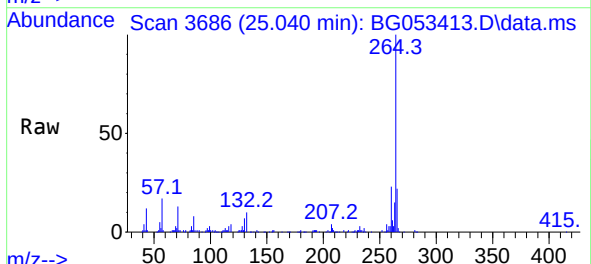
Tgt Ion:149 Resp: 54141
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 7.6 11.4

Manual Integrations
APPROVED

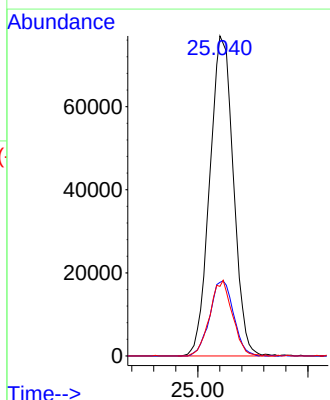
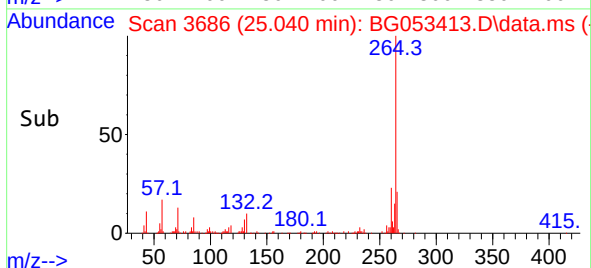
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

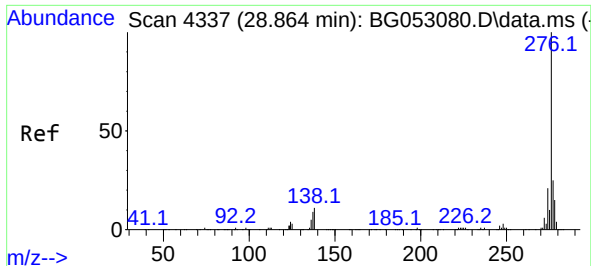


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.040 min Scan# 3686
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05



Tgt Ion:264 Resp: 229606
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.2
265 21.7 15.1 22.7





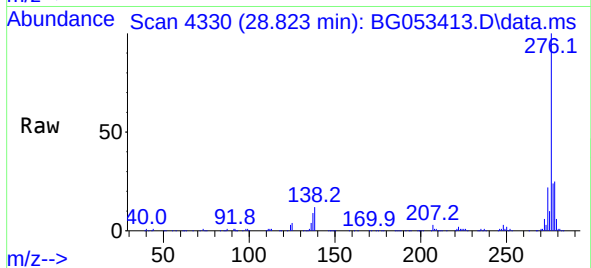
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.038 ng
 RT: 28.823 min Scan# 41
 Delta R.T. 0.008 min
 Lab File: BG053413.D
 Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

PB144515BS

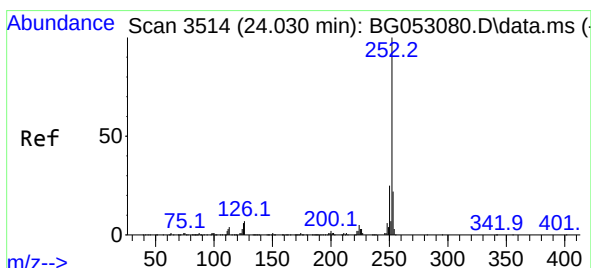
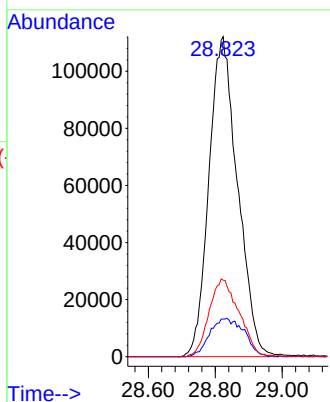
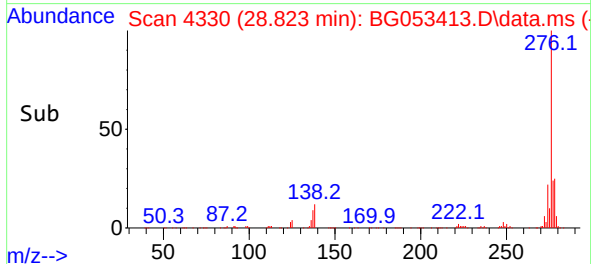


Tgt Ion:276 Resp: 665928
 Ion Ratio Lower Upper
 276 100
 138 14.4 8.7 13.1
 277 25.5 20.2 30.4

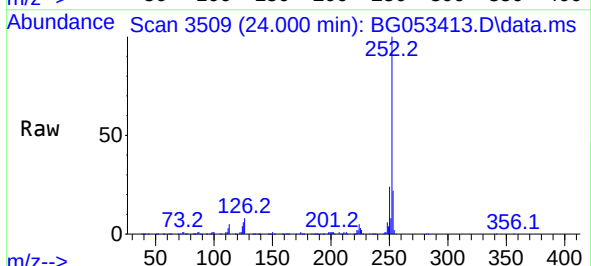
Manual Integrations

APPROVED

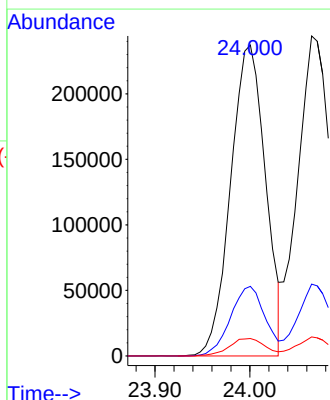
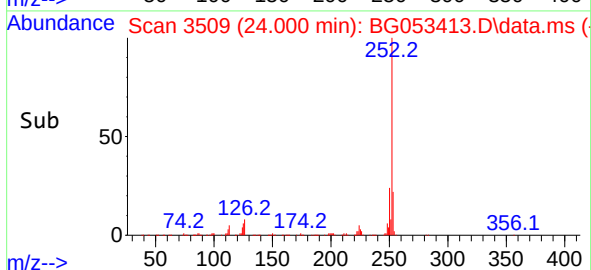
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022

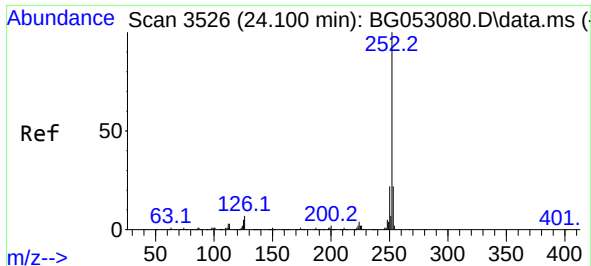


#88
 Benzo(b)fluoranthene
 Concen: 41.854 ng
 RT: 24.000 min Scan# 3509
 Delta R.T. -0.003 min
 Lab File: BG053413.D
 Acq: 3 May 2022 12:05



Tgt Ion:252 Resp: 606333
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.2 25.8
 125 5.6 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 41.636 ng m
RT: 24.065 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :

BNA_G

ClientSampleId :

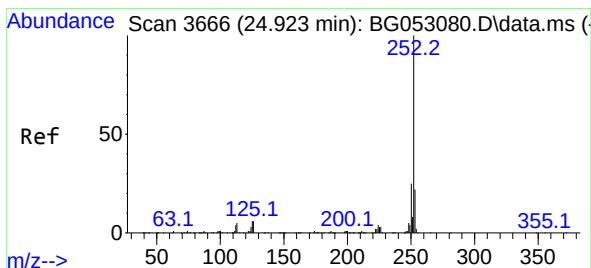
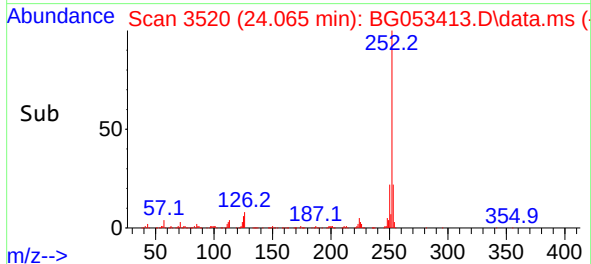
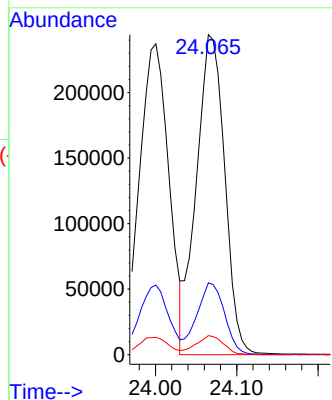
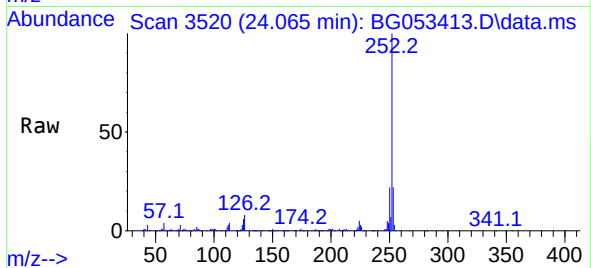
PB144515BS

Tgt Ion:252 Resp: 592809
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 6.0 5.0 7.4

Manual Integrations

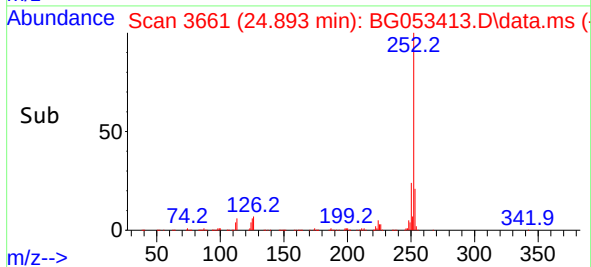
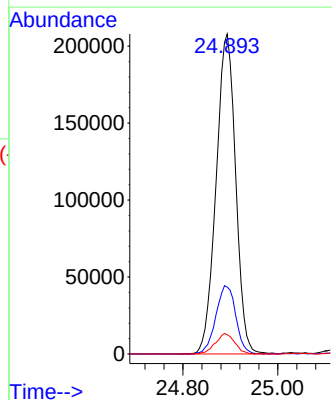
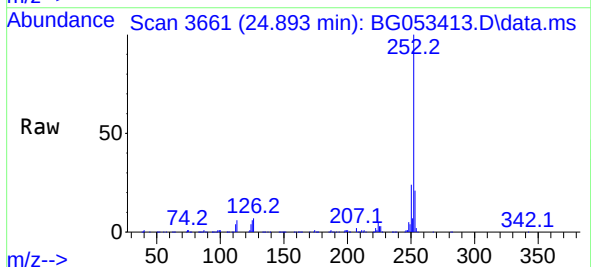
APPROVED

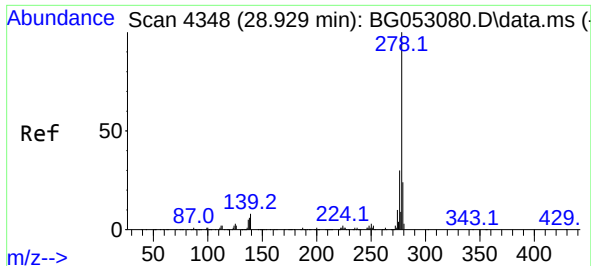
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#90
Benzo(a)pyrene
Concen: 48.221 ng
RT: 24.893 min Scan# 3661
Delta R.T. 0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:252 Resp: 595112
Ion Ratio Lower Upper
252 100
253 20.9 18.4 27.6
125 6.0 5.6 8.4





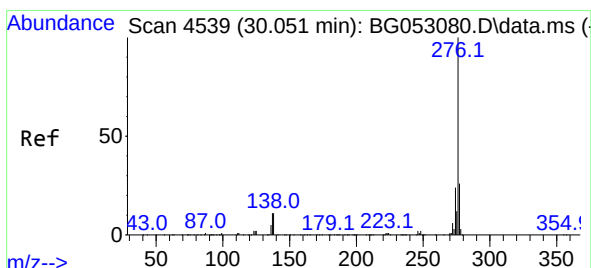
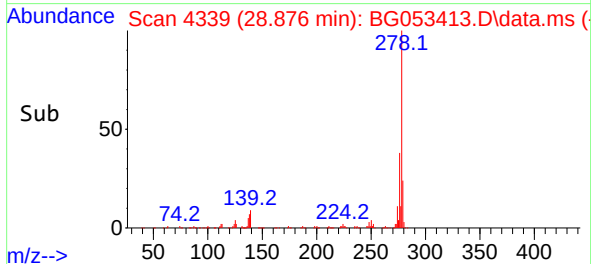
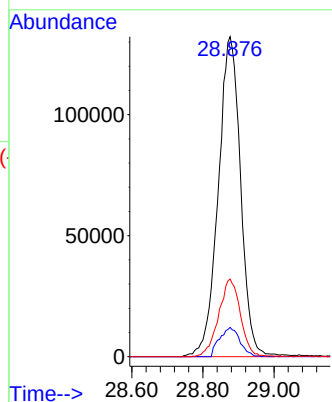
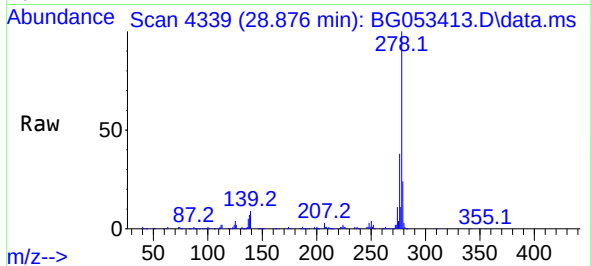
#91
Dibenzo(a,h)anthracene
Concen: 41.037 ng
RT: 28.876 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Instrument :
BNA_G
ClientSampleId :
PB144515BS

Tgt Ion:278 Resp: 576164
Ion Ratio Lower Upper
278 100
139 9.2 7.8 11.6
279 24.2 18.5 27.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.395 ng
RT: 30.004 min Scan# 4531
Delta R.T. -0.003 min
Lab File: BG053413.D
Acq: 3 May 2022 12:05

Tgt Ion:276 Resp: 572840
Ion Ratio Lower Upper
276 100
277 24.8 18.2 27.2
138 12.1 9.1 13.7

