

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
 Data File : BG054218.D
 Acq On : 6 Jul 2022 13:36
 Operator : CG/JU
 Sample : N3571-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

Quant Time: Jul 06 14:18:26 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	23465	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	96180	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	77528	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	214268	20.000	ng	0.00
76) Chrysene-d12	21.719	240	228372	20.000	ng	0.00
86) Perylene-d12	24.974	264	189601	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	172119	140.241	ng	0.00
7) Phenol-d6	7.236	99	221112	132.805	ng	0.00
23) Nitrobenzene-d5	9.228	82	158444	92.576	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	197248	158.353	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	443835	83.247	ng	0.00
79) Terphenyl-d14	20.045	244	1098882	96.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	19775	36.859	ng	# 44
3) Pyridine	3.928	79	59811	41.777	ng	94
4) n-Nitrosodimethylamine	3.829	42	32995	52.394	ng	# 90
6) Aniline	7.395	93	32516	16.472	ng	98
8) 2-Chlorophenol	7.636	128	70431	53.746	ng	92
9) Benzaldehyde	7.201	77	29016m	29.529	ng	
10) Phenol	7.260	94	80099	47.471	ng	96
11) bis(2-Chloroethyl)ether	7.477	93	64237	49.600	ng	94
12) 1,3-Dichlorobenzene	7.959	146	75011	45.681	ng	91
13) 1,4-Dichlorobenzene	8.106	146	76456	46.352	ng	95
14) 1,2-Dichlorobenzene	8.423	146	74297	46.922	ng	97
15) Benzyl Alcohol	8.306	79	61450m	49.382	ng	
16) 2,2'-oxybis(1-Chloropr...	8.594	45	90075	46.525	ng	99
17) 2-Methylphenol	8.511	107	60797	51.868	ng	92
18) Hexachloroethane	9.158	117	26111	47.718	ng	# 81
19) n-Nitroso-di-n-propyla...	8.870	70	55272	49.414	ng	94
20) 3+4-Methylphenols	8.840	107	84663	51.504	ng	95
22) Acetophenone	8.887	105	107799	46.110	ng	# 95
24) Nitrobenzene	9.269	77	78660	46.672	ng	# 87
25) Isophorone	9.792	82	155714	48.715	ng	96
26) 2-Nitrophenol	9.986	139	41035	55.124	ng	85
27) 2,4-Dimethylphenol	10.045	122	70371	58.405	ng	89
28) bis(2-Chloroethoxy)met...	10.274	93	86646	50.318	ng	96
29) 2,4-Dichlorophenol	10.527	162	85076	52.663	ng	92
30) 1,2,4-Trichlorobenzene	10.738	180	88647	44.317	ng	# 96
31) Naphthalene	10.926	128	226934	46.738	ng	100
32) Benzoic acid	10.198	122	32840	59.138	ng	# 86
33) 4-Chloroaniline	11.044	127	7939	3.941	ng	# 90
34) Hexachlorobutadiene	11.214	225	67817	44.098	ng	95
35) Caprolactam	11.807	113	23590m	53.044	ng	
36) 4-Chloro-3-methylphenol	12.160	107	87200	55.527	ng	# 86
37) 2-Methylnaphthalene	12.530	142	163589	45.538	ng	96
38) 1-Methylnaphthalene	12.748	142	157793	45.111	ng	99
40) 1,2,4,5-Tetrachloroben...	12.900	216	130040	43.530	ng	96
41) Hexachlorocyclopentadiene	12.877	237	110922	79.741	ng	97
43) 2,4,6-Trichlorophenol	13.135	196	84876	50.580	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	93688	50.003	ng	# 93
46) 1,1'-Biphenyl	13.529	154	244381	45.253	ng	99
47) 2-Chloronaphthalene	13.576	162	195782	44.797	ng	95
48) 2-Nitroaniline	13.776	65	61094	52.551	ng	89
49) Acenaphthylene	14.416	152	308282	45.363	ng	99
50) Dimethylphthalate	14.146	163	280114	47.441	ng	99
51) 2,6-Dinitrotoluene	14.263	165	63524	53.250	ng	# 76
52) Acenaphthene	14.757	154	228627m	52.777	ng	
53) 3-Nitroaniline	14.598	138	14083	12.185	ng	# 84
54) 2,4-Dinitrophenol	14.810	184	75161	111.171	ng	# 75
55) Dibenzofuran	15.092	168	323444	46.342	ng	95
56) 4-Nitrophenol	14.916	139	85995	104.804	ng	89
57) 2,4-Dinitrotoluene	15.057	165	93845	55.702	ng	# 84
58) Fluorene	15.738	166	272236	47.506	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	95920	52.349	ng	# 89
60) Diethylphthalate	15.503	149	278168	48.648	ng	96
61) 4-Chlorophenyl-phenyle...	15.726	204	165257	48.169	ng	# 88
62) 4-Nitroaniline	15.756	138	38760	32.159	ng	# 77
63) Azobenzene	16.020	77	215748	46.874	ng	90
65) 4,6-Dinitro-2-methylph...	15.820	198	57439	53.732	ng	84
66) n-Nitrosodiphenylamine	15.944	169	202171	36.204	ng	97
67) 4-Bromophenyl-phenylether	16.625	248	123232	46.049	ng	# 88
68) Hexachlorobenzene	16.755	284	138472	45.235	ng	# 92
69) Atrazine	16.884	200	20263	8.759	ng	92
70) Pentachlorophenol	17.095	266	147569	103.778	ng	91
71) Phenanthrene	17.483	178	489794	44.492	ng	96
72) Anthracene	17.571	178	496566	46.192	ng	99
73) Carbazole	17.842	167	305066	33.062	ng	98
74) Di-n-butylphthalate	18.394	149	515024	48.275	ng	# 98
75) Fluoranthene	19.493	202	637407	44.108	ng	96
78) Pyrene	19.851	202	644253	46.708	ng	98
80) Butylbenzylphthalate	20.726	149	223686	50.595	ng	89
81) Benzo(a)anthracene	21.696	228	682110	46.130	ng	99
83) Chrysene	21.761	228	629847	44.687	ng	96
84) Bis(2-ethylhexyl)phtha...	21.590	149	322803	51.051	ng	# 93
85) Di-n-octyl phthalate	22.812	149	550584	50.661	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.711	276	734235	51.316	ng	99
88) Benzo(b)fluoranthene	23.940	252	701226	60.827	ng	100
89) Benzo(k)fluoranthene	24.011	252	668036	58.528	ng	99
90) Benzo(a)pyrene	24.822	252	569853	58.586	ng	99
91) Dibenzo(a,h)anthracene	28.782	278	678278	57.327	ng	97
92) Benzo(g,h,i)perylene	29.886	276	601442	51.509	ng	95

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

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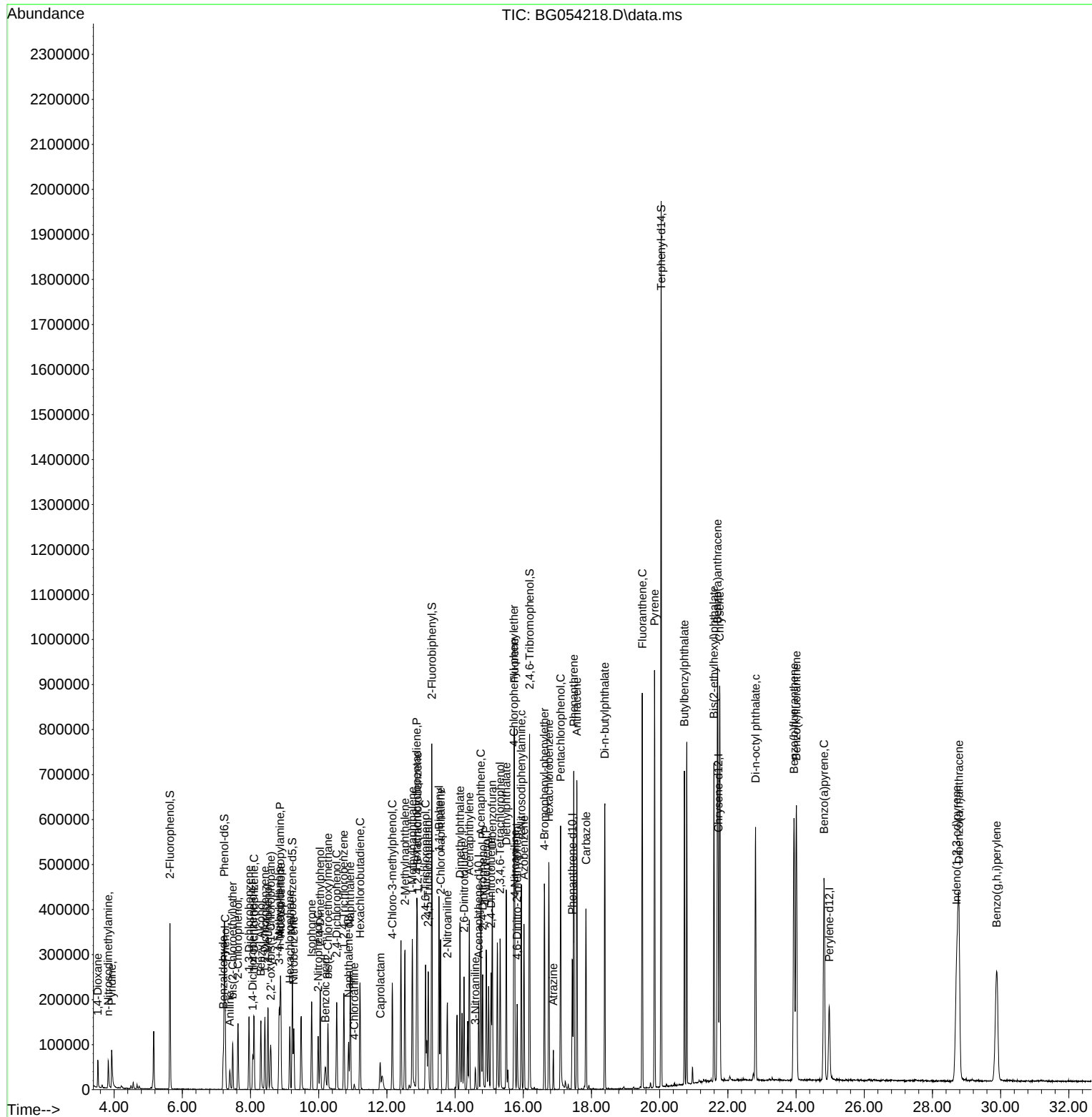
Quant Time: Jul 06 14:18:26 2022

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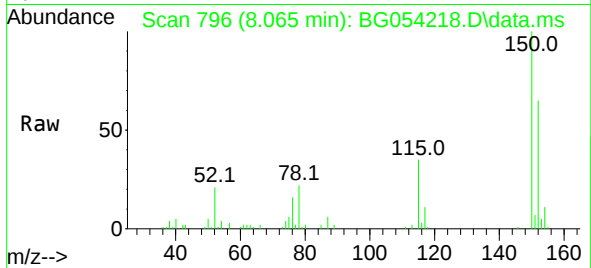
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.065 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

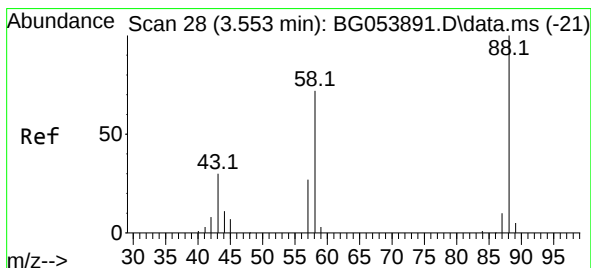
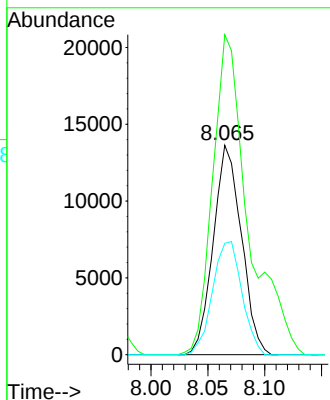
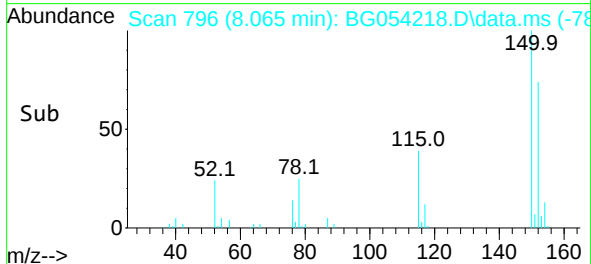
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



Tgt Ion:152 Resp: 2346
Ion Ratio Lower Upper
152 100
150 152.7 131.6 197.4
115 53.1 50.9 76.3

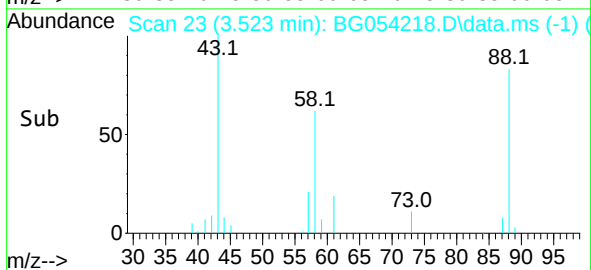
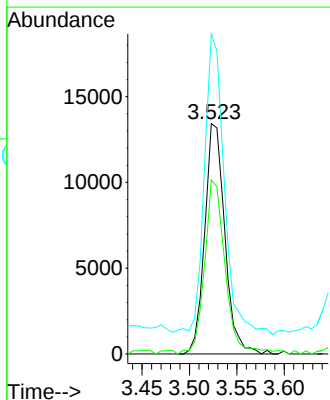
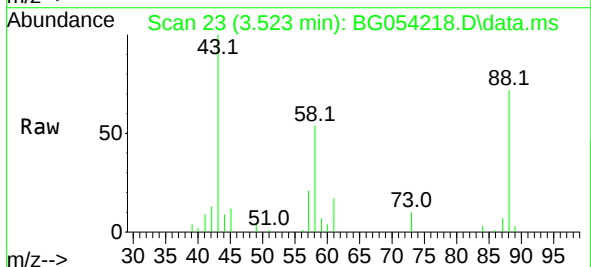
Manual Integrations
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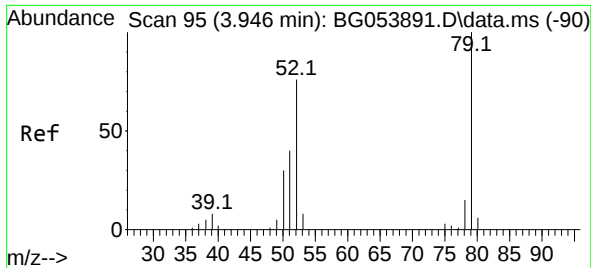
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#2
1,4-Dioxane
Concen: 36.859 ng
RT: 3.523 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

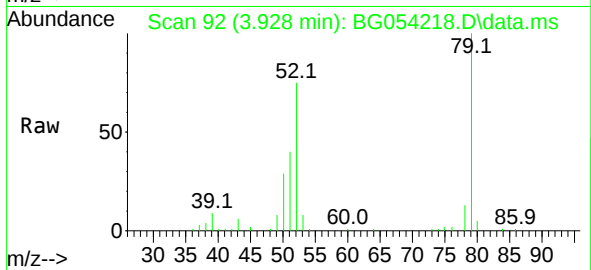
Tgt Ion: 88 Resp: 19775
Ion Ratio Lower Upper
88 100
58 77.7 59.2 88.8
43 129.4 24.3 36.5





#3
Pyridine
Concen: 41.777 ng
RT: 3.928 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

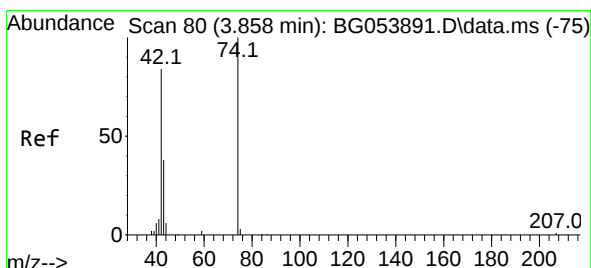
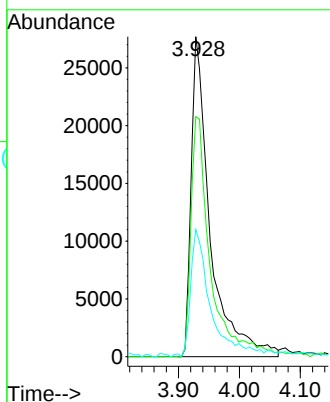
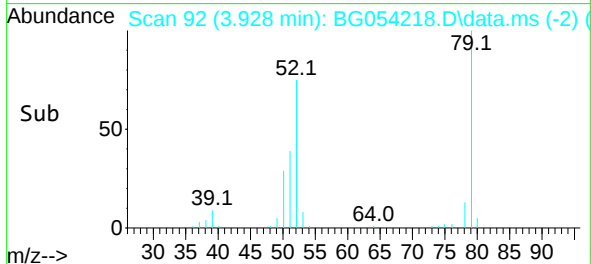
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



Tgt Ion: 79 Resp: 5981
Ion Ratio Lower Upper
79 100
52 75.0 54.6 81.8
51 39.7 32.5 48.7

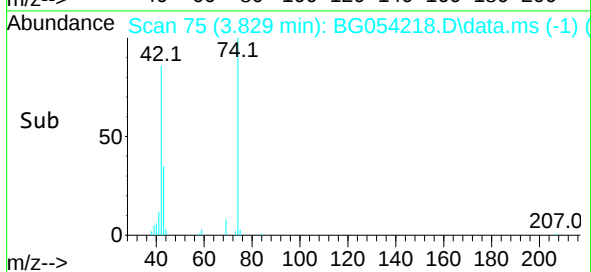
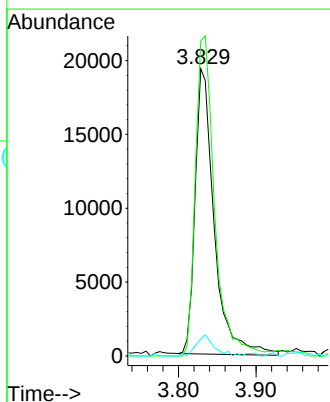
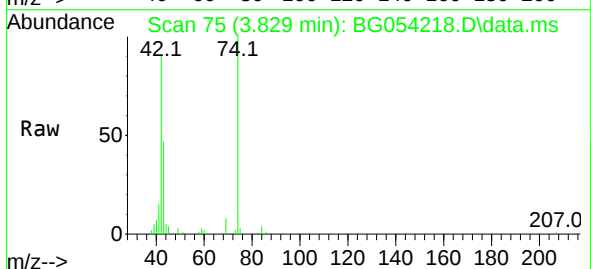
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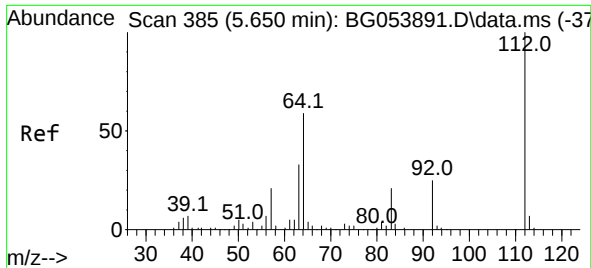
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#4
n-Nitrosodimethylamine
Concen: 52.394 ng
RT: 3.829 min Scan# 75
Delta R.T. -0.011 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

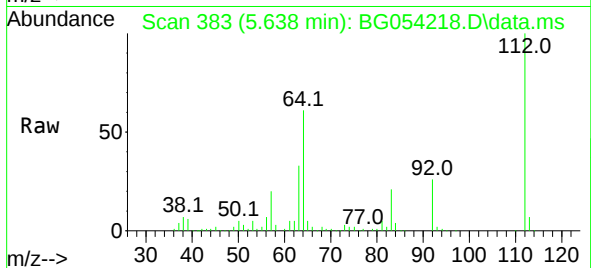
Tgt Ion: 42 Resp: 32995
Ion Ratio Lower Upper
42 100
74 109.7 97.0 145.4
44 5.8 7.0 10.4





#5
2-Fluorophenol
Concen: 140.241 ng
RT: 5.638 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

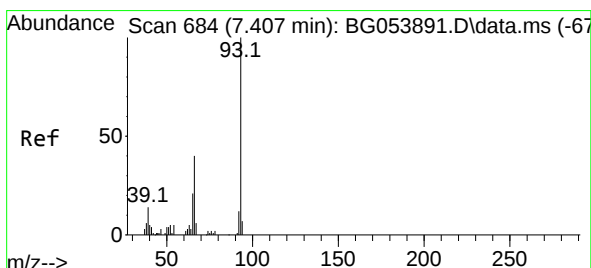
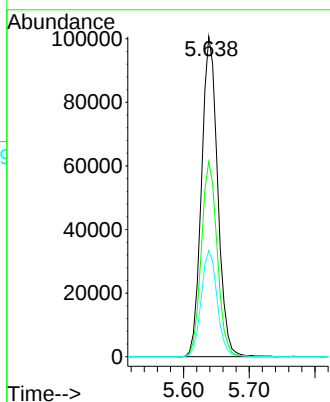
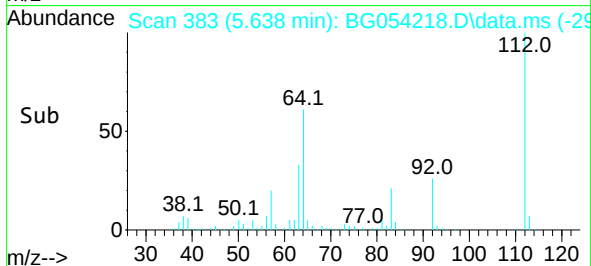
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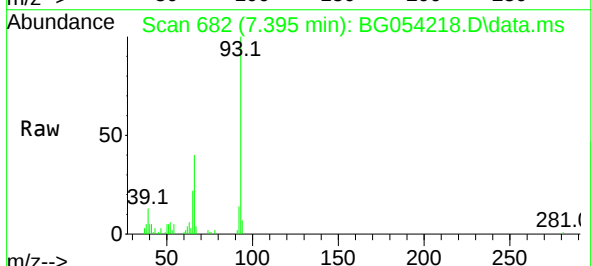
Tgt Ion:112 Resp: 172119
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 33.2 30.4 45.6

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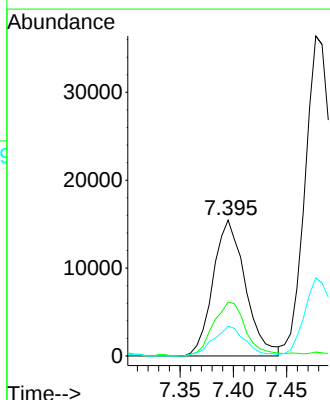
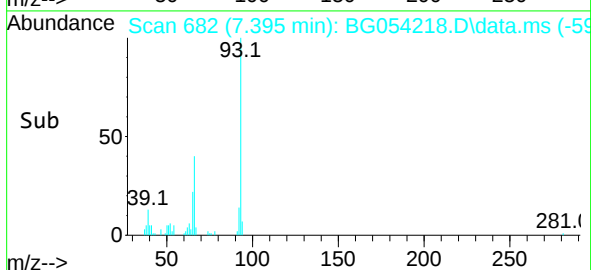
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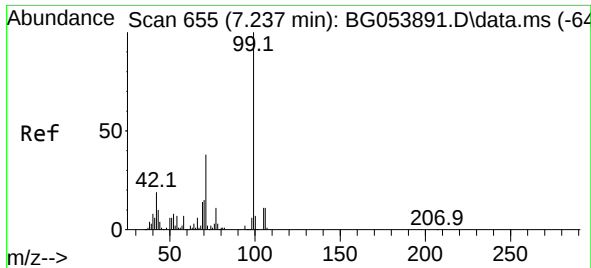


#6
Aniline
Concen: 16.472 ng
RT: 7.395 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



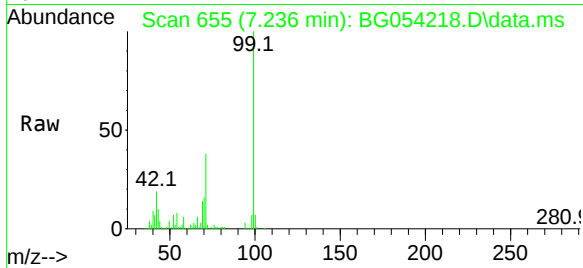
Tgt Ion: 93 Resp: 32516
Ion Ratio Lower Upper
93 100
66 39.7 32.9 49.3
65 21.9 17.8 26.8





#7
Phenol-d6
Concen: 132.805 ng
RT: 7.236 min Scan# 611
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

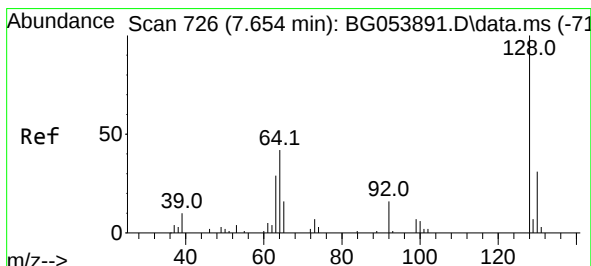
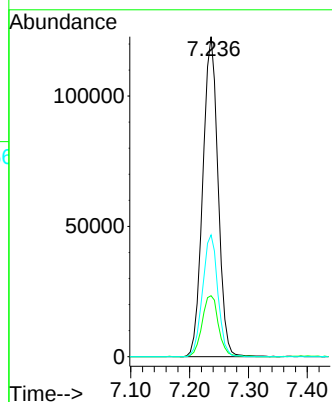
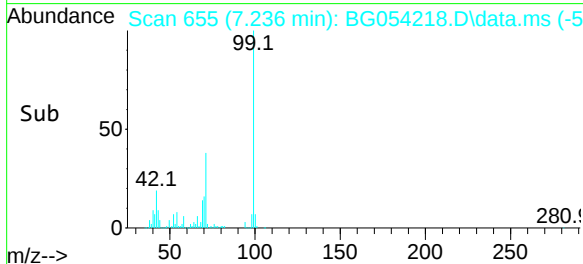
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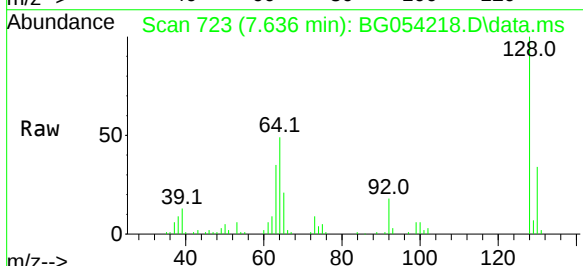
Tgt Ion: 99 Resp: 221112
Ion Ratio Lower Upper
99 100
42 19.0 17.0 25.6
71 38.1 33.8 50.8

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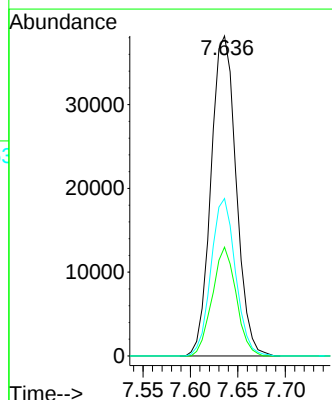
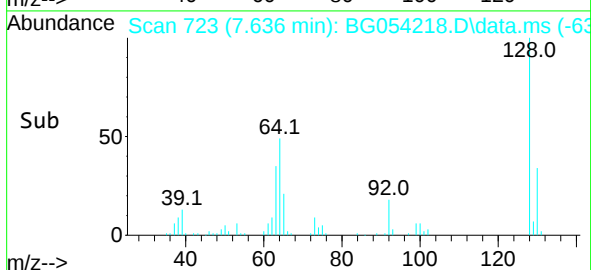
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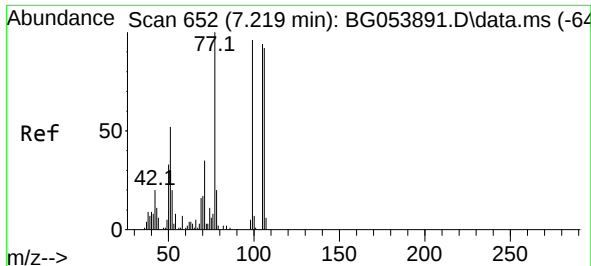


#8
2-Chlorophenol
Concen: 53.746 ng
RT: 7.636 min Scan# 723
Delta R.T. 0.000 min
Lab File: BG054218.D
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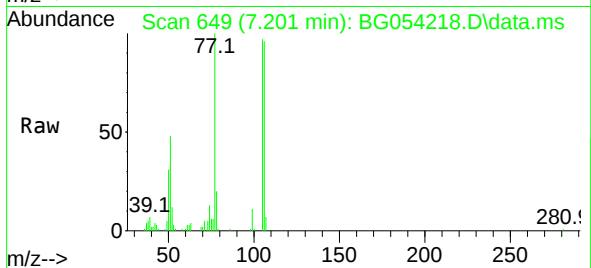
Tgt Ion:128 Resp: 70431
Ion Ratio Lower Upper
128 100
130 34.0 10.5 50.5
64 49.2 35.1 75.1





#9
Benzaldehyde
Concen: 29.529 ng m
RT: 7.201 min Scan# 649
Delta R.T. -0.006 min
Lab File: BG054218.D
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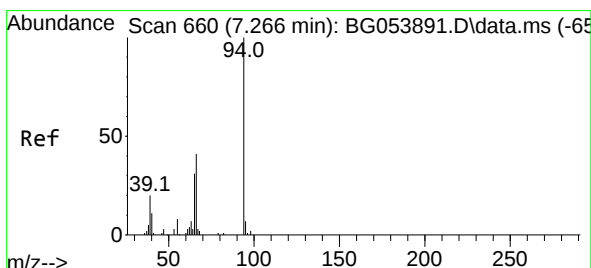
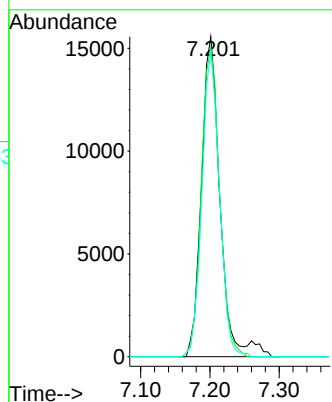
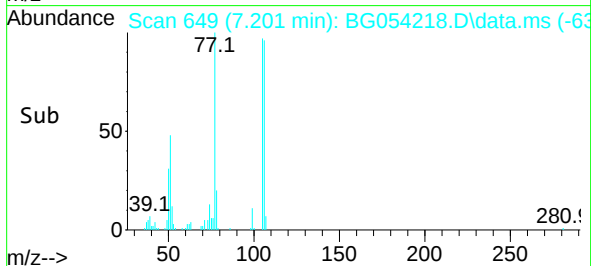
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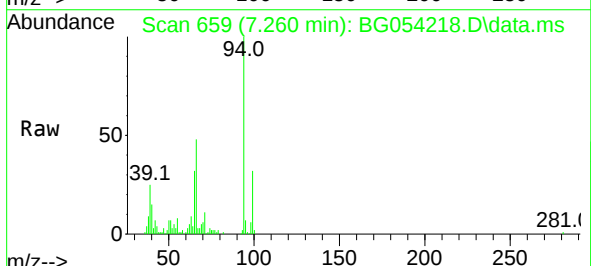
Tgt Ion: 77 Resp: 29010
Ion Ratio Lower Upper
77 100
105 96.8 59.6 99.6
106 95.6 56.8 96.8

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APPROVED

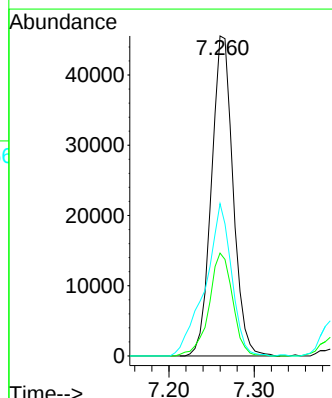
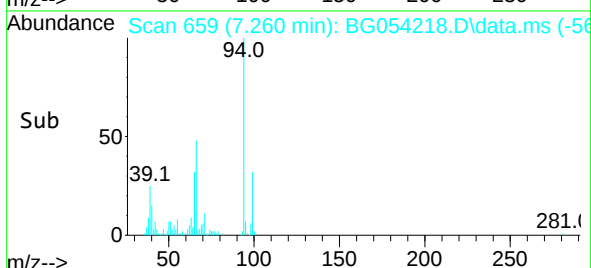
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

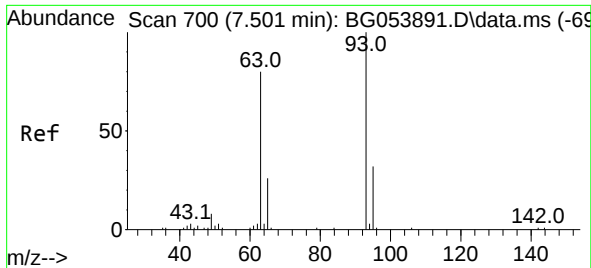


#10
Phenol
Concen: 47.471 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion: 94 Resp: 80099
Ion Ratio Lower Upper
94 100
65 32.1 14.8 54.8
66 47.6 25.2 65.2





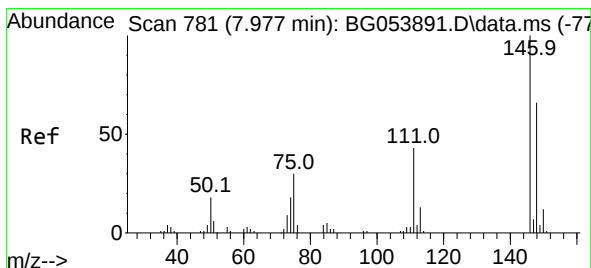
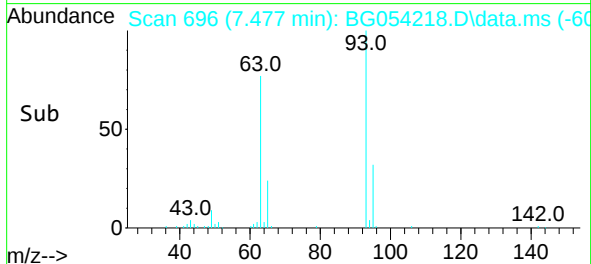
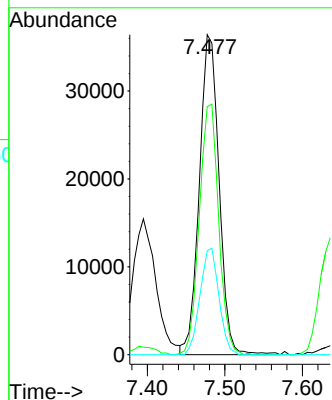
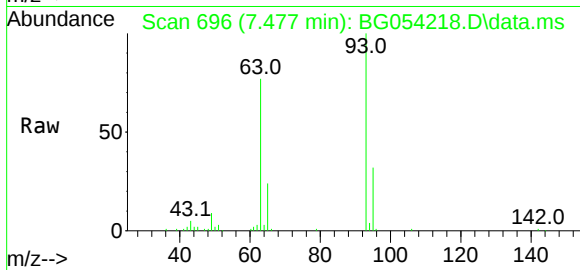
#11
bis(2-Chloroethyl)ether
Concen: 49.600 ng
RT: 7.477 min Scan# 696
Delta R.T. -0.011 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :
BNA_G
ClientSampleId :
VB16128MSD

Tgt Ion: 93 Resp: 6423
Ion Ratio Lower Upper
93 100
63 77.5 63.6 103.6
95 32.5 10.1 50.1

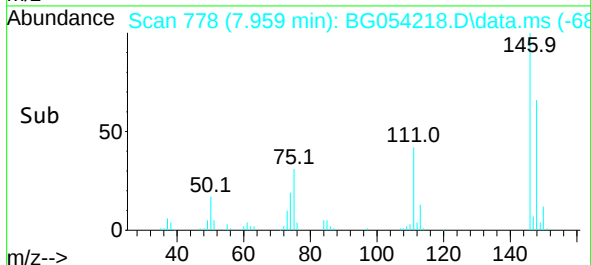
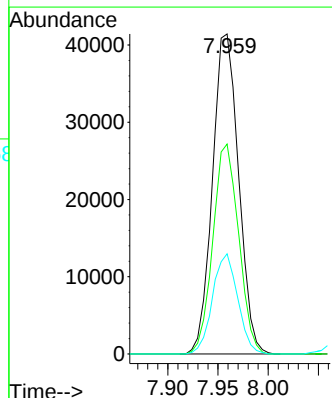
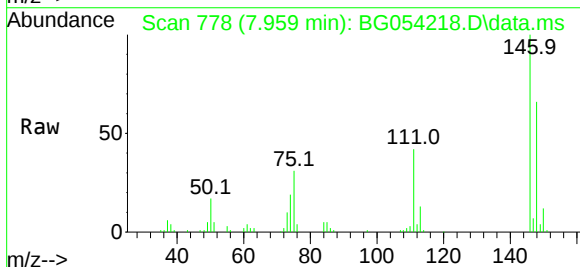
Manual Integrations
APPROVED

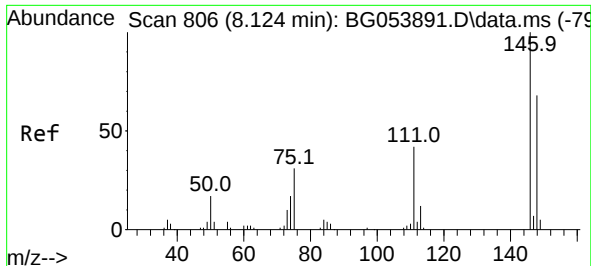
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#12
1,3-Dichlorobenzene
Concen: 45.681 ng
RT: 7.959 min Scan# 778
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

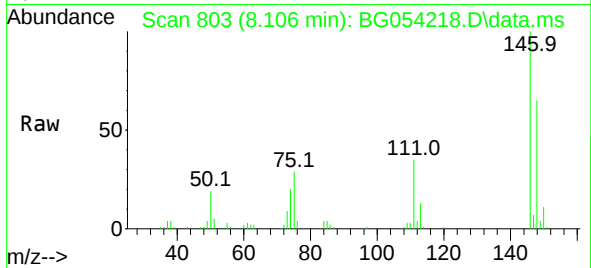
Tgt Ion:146 Resp: 75011
Ion Ratio Lower Upper
146 100
148 65.6 46.1 69.1
75 31.3 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 46.352 ng
RT: 8.106 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

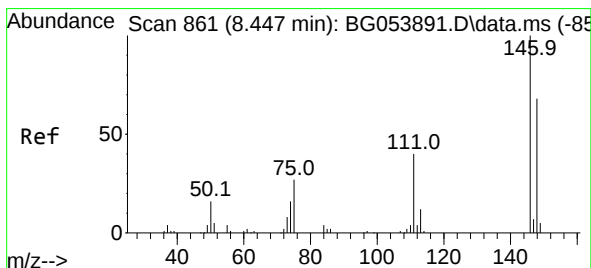
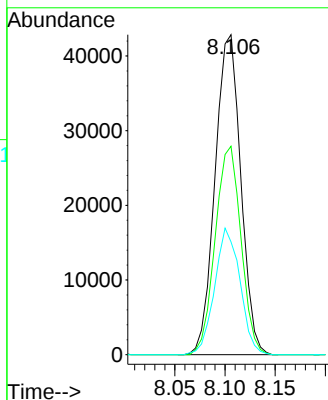
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



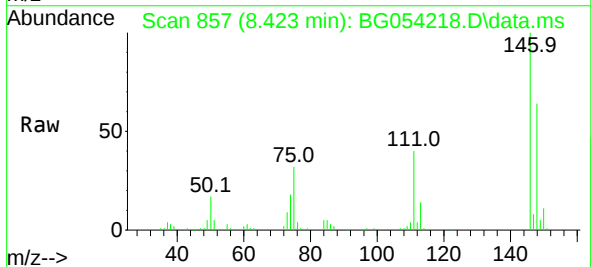
Tgt Ion:146 Resp: 76450
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 35.2 33.9 50.9

Manual Integrations
APPROVED

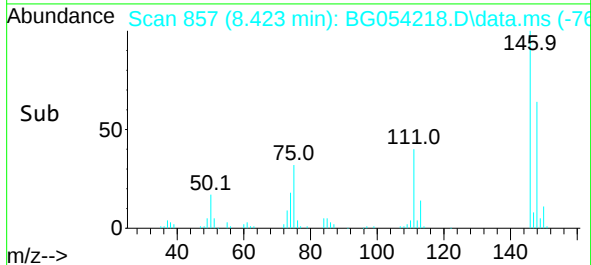
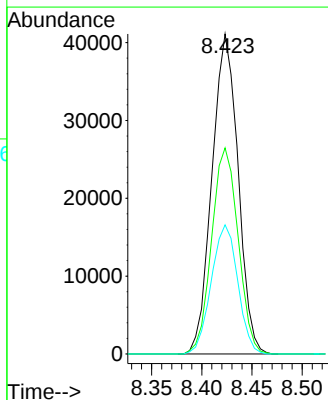
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

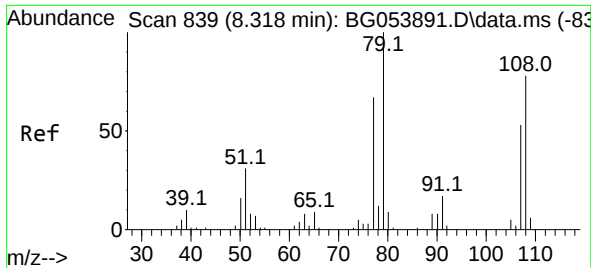


#14
1,2-Dichlorobenzene
Concen: 46.922 ng
RT: 8.423 min Scan# 857
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



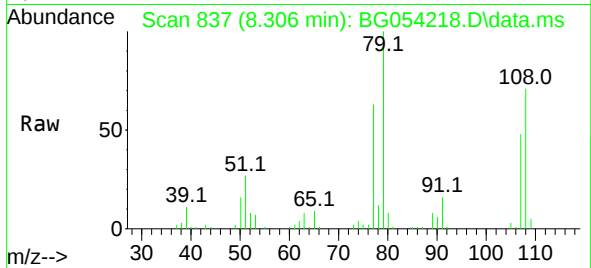
Tgt Ion:146 Resp: 74297
Ion Ratio Lower Upper
146 100
148 64.4 52.6 78.8
111 40.4 34.5 51.7





#15
Benzyl Alcohol
Concen: 49.382 ng m
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

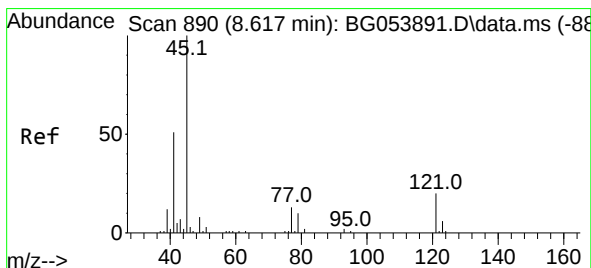
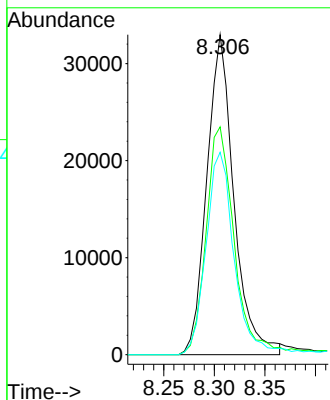
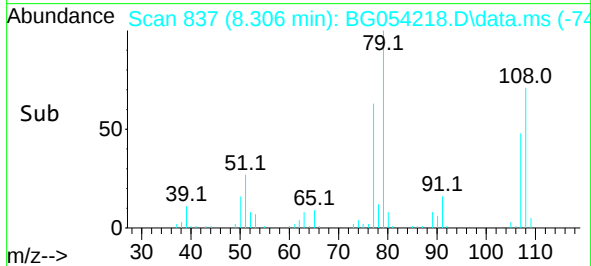
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



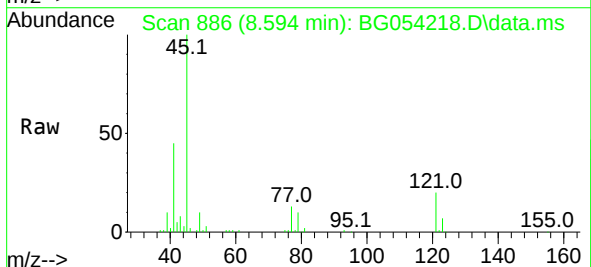
Tgt Ion: 79 Resp: 61450
Ion Ratio Lower Upper
79 100
108 71.2 53.7 80.5
77 63.2 52.2 78.4

Manual Integrations
APPROVED

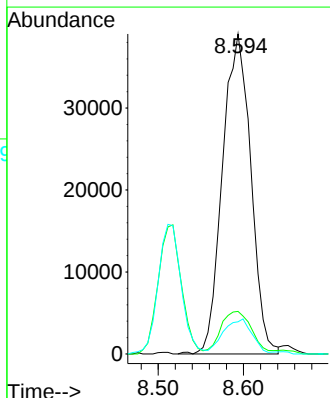
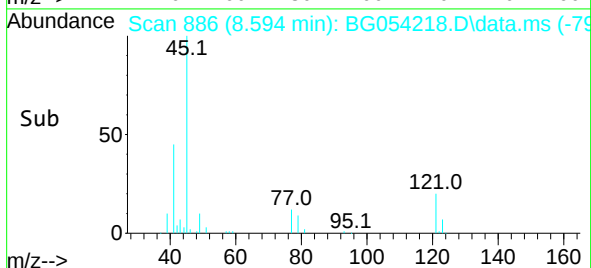
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.525 ng
RT: 8.594 min Scan# 886
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion: 45 Resp: 90075
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.7
79 10.0 0.0 29.7





#17
2-Methylphenol
Concen: 51.868 ng
RT: 8.511 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

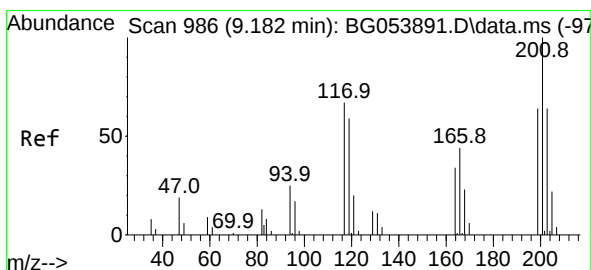
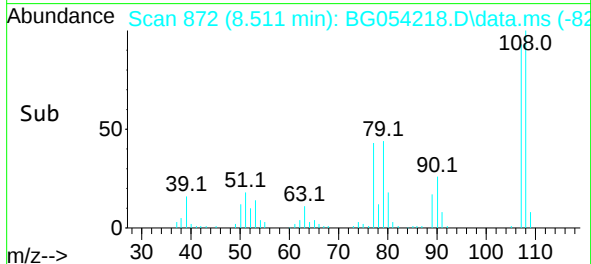
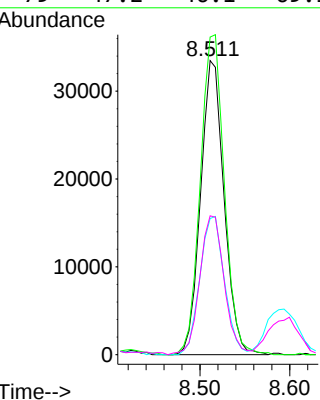
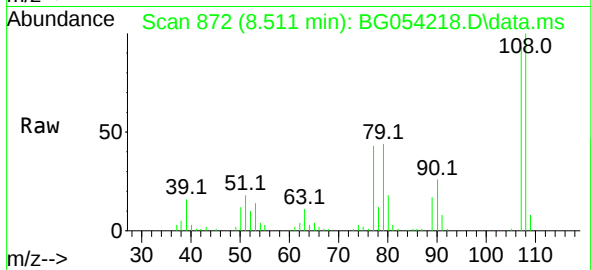
ClientSampleId :

VB16128MSD

Tgt Ion:107 Resp: 6079
Ion Ratio Lower Upper
107 100
108 108.0 85.4 128.0
77 46.3 46.2 69.2
79 47.2 46.1 69.1

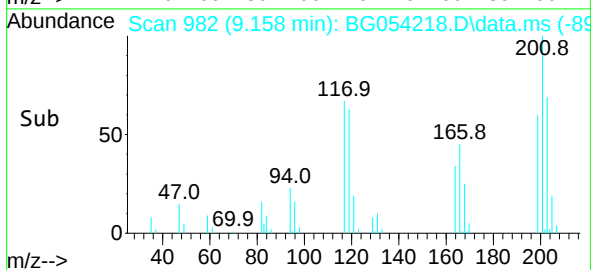
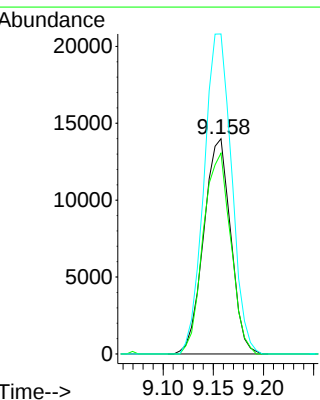
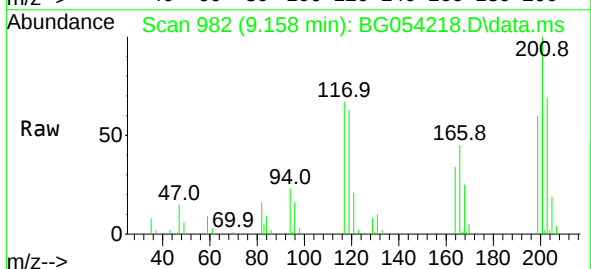
Manual Integrations
APPROVED

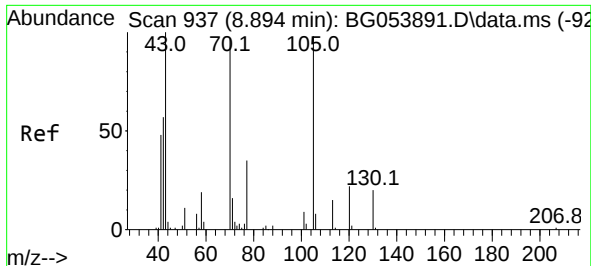
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#18
Hexachloroethane
Concen: 47.718 ng
RT: 9.158 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Tgt Ion:117 Resp: 26111
Ion Ratio Lower Upper
117 100
119 93.3 75.0 112.6
201 148.7 89.0 133.6#





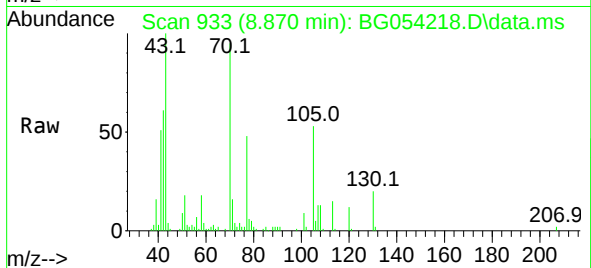
#19
n-Nitroso-di-n-propylamine
Concen: 49.414 ng
RT: 8.870 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

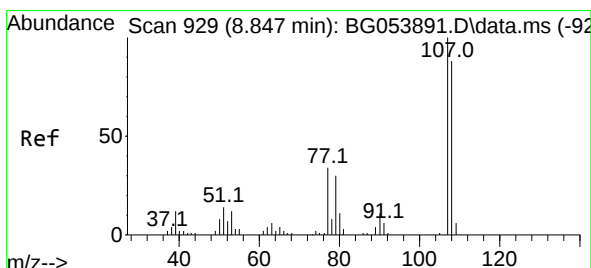
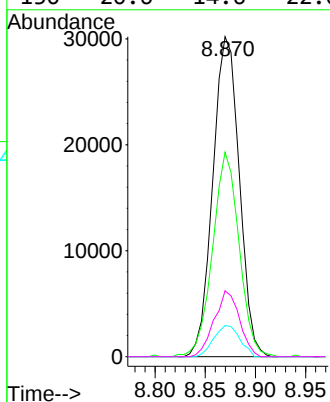
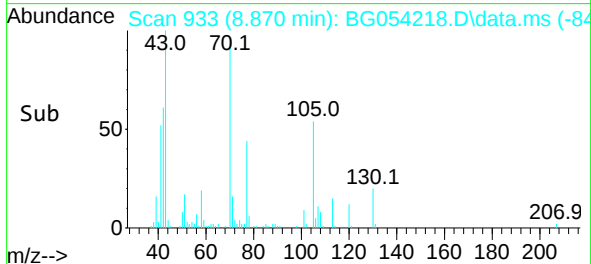


Tgt Ion: 70 Resp: 55272
Ion Ratio Lower Upper
70 100
42 63.9 47.3 70.9
101 9.7 7.0 10.4
130 20.6 14.6 22.0

Manual Integrations

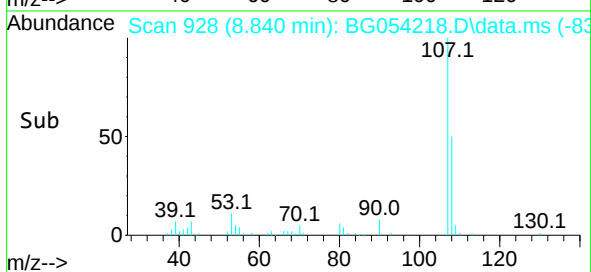
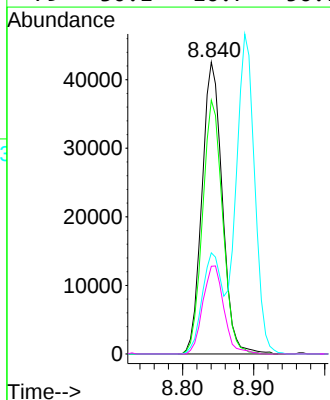
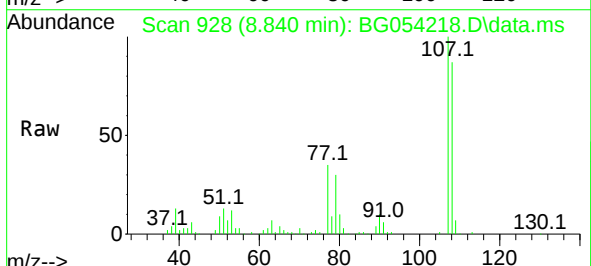
APPROVED

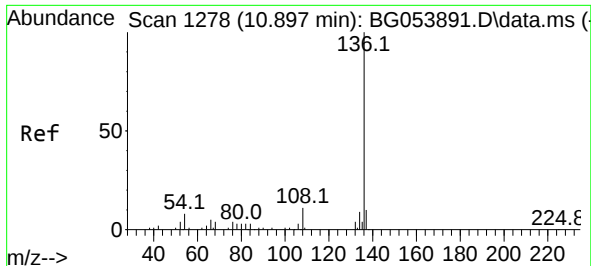
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#20
3+4-Methylphenols
Concen: 51.504 ng
RT: 8.840 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Tgt Ion:107 Resp: 84663
Ion Ratio Lower Upper
107 100
108 86.9 67.5 107.5
77 34.6 20.3 60.3
79 30.1 16.7 56.7





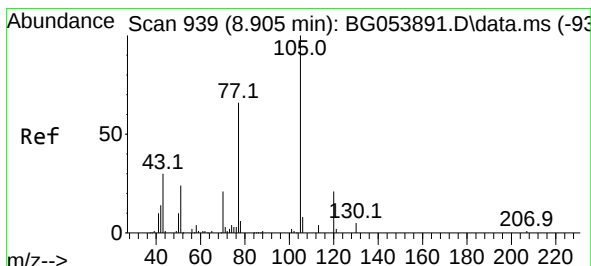
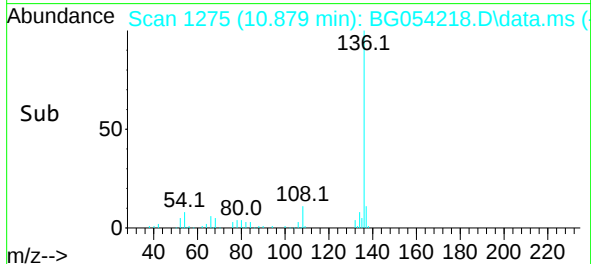
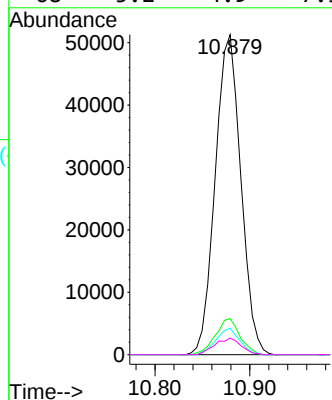
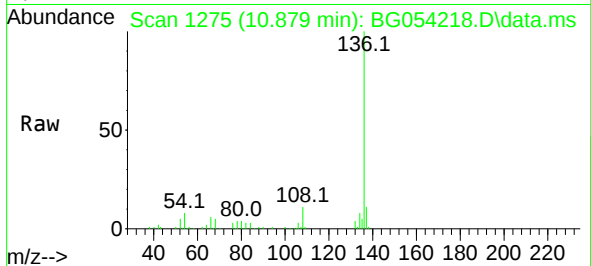
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :
BNA_G
ClientSampleId :
VB16128MSD

Tgt Ion:	136	Resp:	96180
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	8.2	7.4	11.2
68	5.2	4.9	7.3

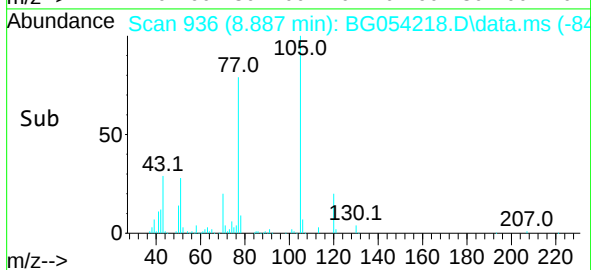
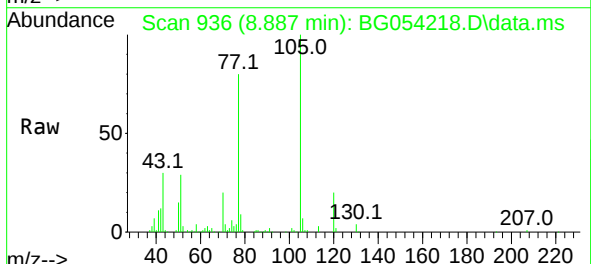
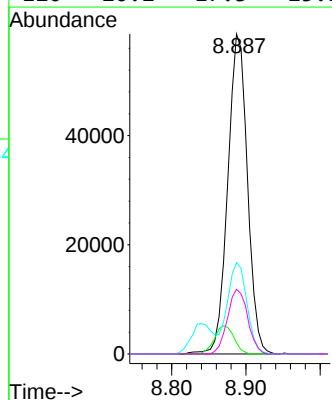
Manual Integrations
APPROVED

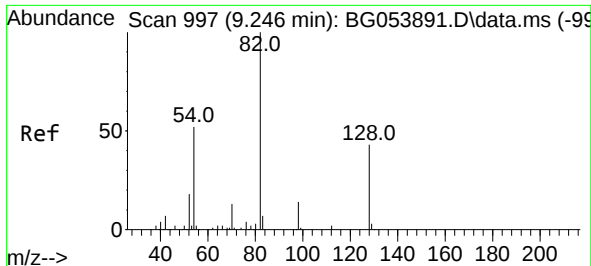
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#22
Acetophenone
Concen: 46.110 ng
RT: 8.887 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

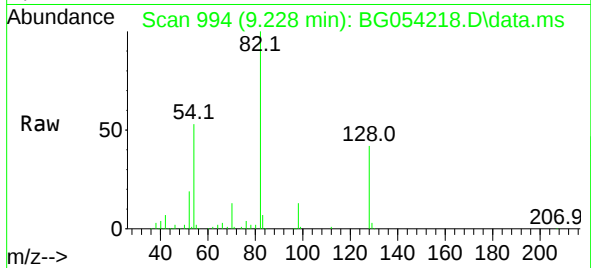
Tgt Ion:	105	Resp:	107799
Ion Ratio	Lower	Upper	
105	100		
71	3.5	1.1	1.7#
51	28.6	25.4	38.0
120	20.2	17.3	25.9





#23
Nitrobenzene-d5
Concen: 92.576 ng
RT: 9.228 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

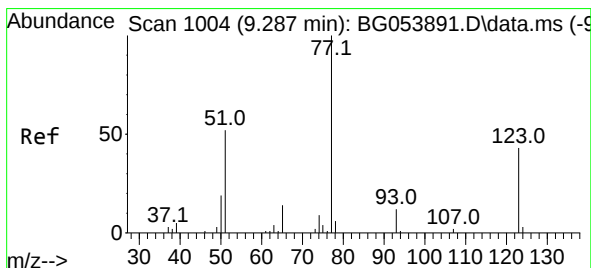
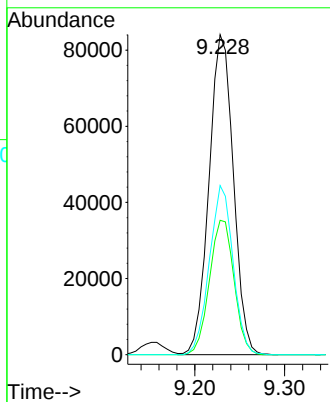
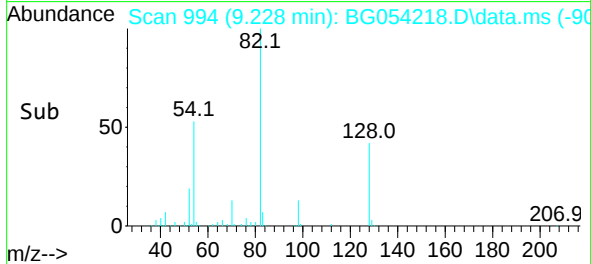
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



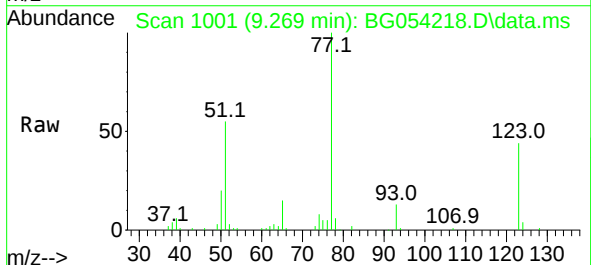
Tgt Ion: 82 Resp: 15844
Ion Ratio Lower Upper
82 100
128 42.0 27.9 41.9
54 52.9 41.2 61.8

Manual Integrations
APPROVED

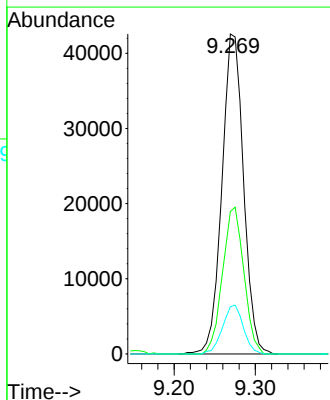
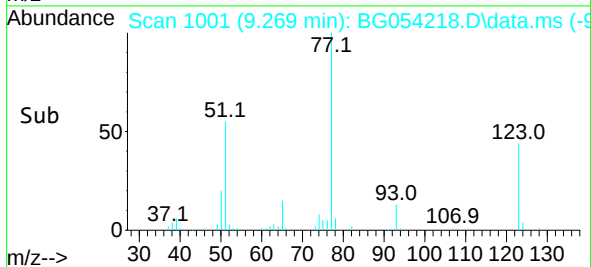
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

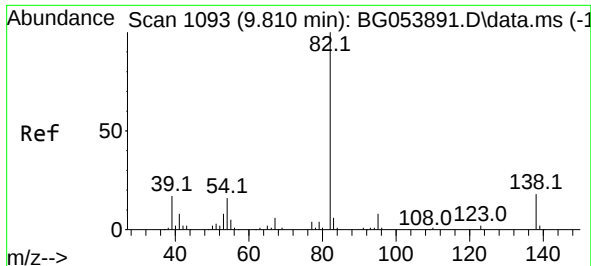


#24
Nitrobenzene
Concen: 46.672 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion: 77 Resp: 78660
Ion Ratio Lower Upper
77 100
123 44.5 27.4 41.0
65 14.8 11.4 17.0





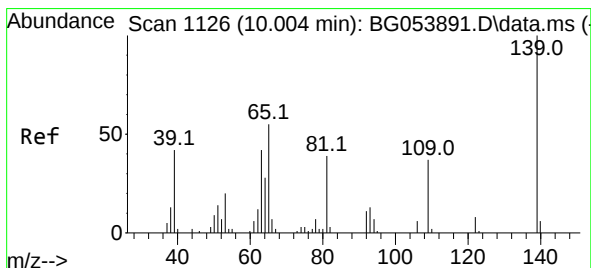
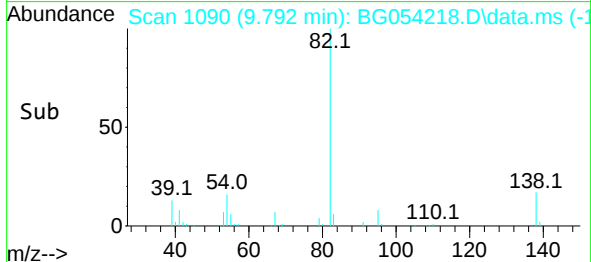
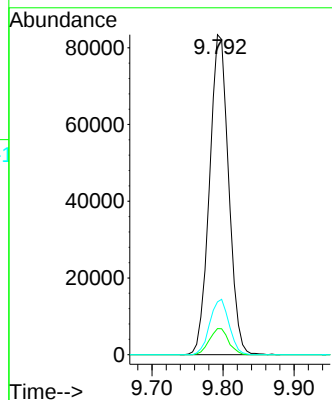
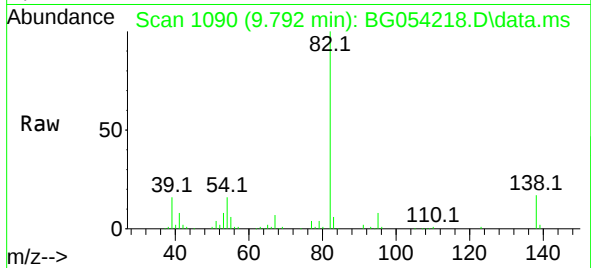
#25
Isophorone
Concen: 48.715 ng
RT: 9.792 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :
BNA_G
ClientSampleId :
VB16128MSD

Tgt Ion: 82 Resp: 155714
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 16.5 11.6 17.4

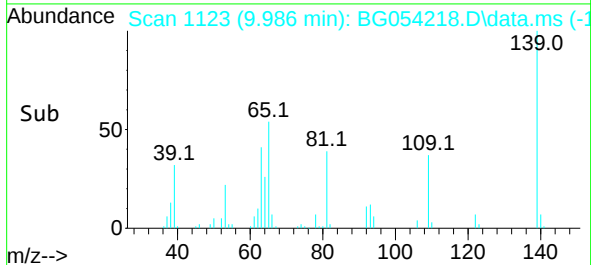
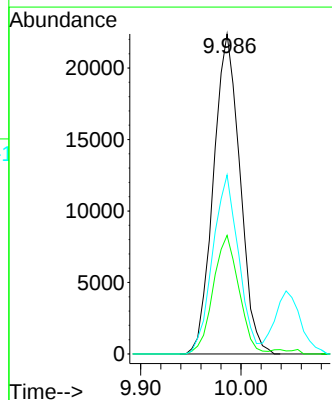
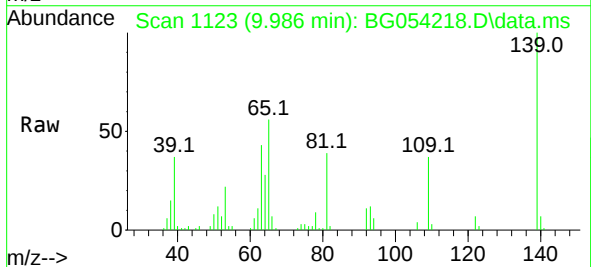
Manual Integrations
APPROVED

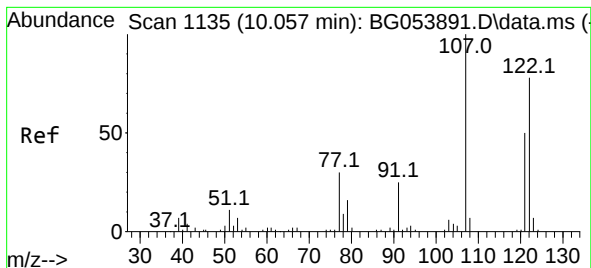
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#26
2-Nitrophenol
Concen: 55.124 ng
RT: 9.986 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

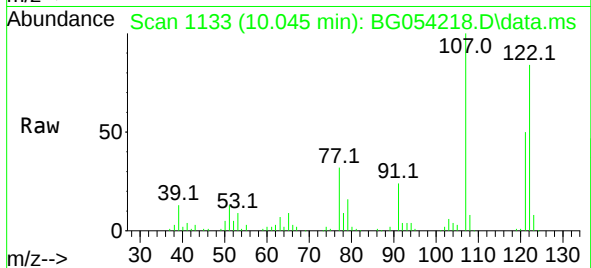
Tgt Ion:139 Resp: 41035
Ion Ratio Lower Upper
139 100
109 37.1 36.1 54.1
65 56.0 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 58.405 ng
RT: 10.045 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

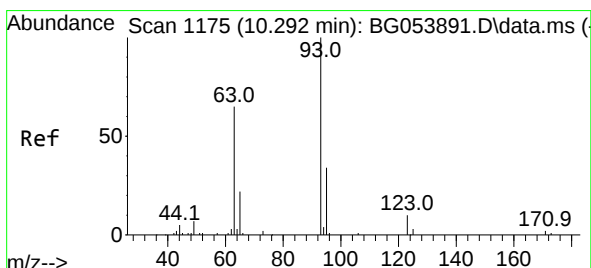
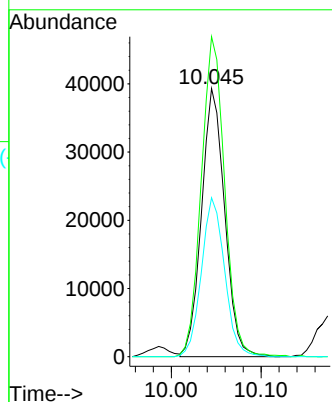
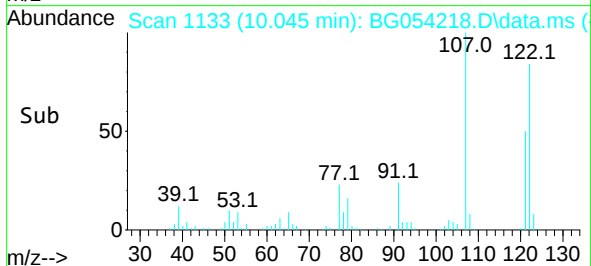
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



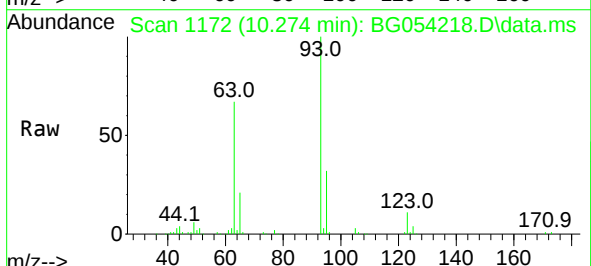
Tgt Ion:122 Resp: 7037
Ion Ratio Lower Upper
122 100
107 119.4 109.4 164.0
121 59.3 48.7 73.1

Manual Integrations
APPROVED

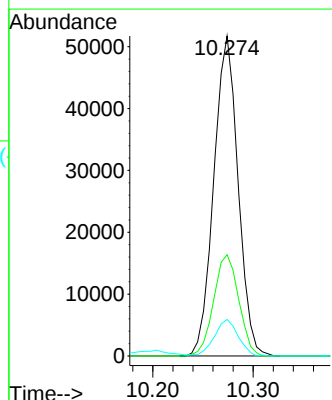
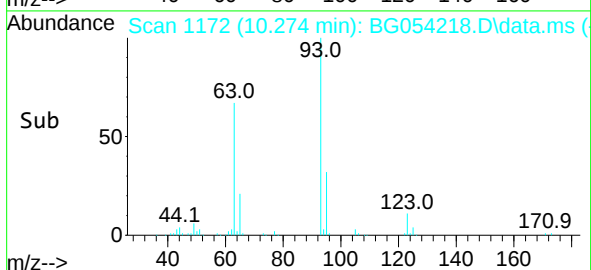
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

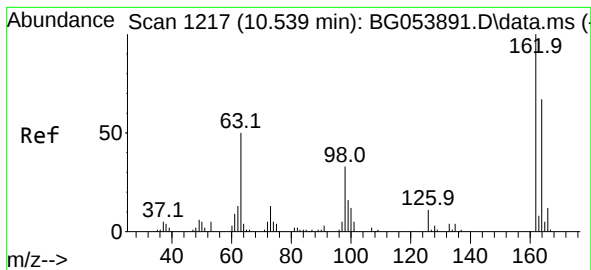


#28
bis(2-Chloroethoxy)methane
Concen: 50.318 ng
RT: 10.274 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion: 93 Resp: 86646
Ion Ratio Lower Upper
93 100
95 31.7 26.9 40.3
123 11.4 7.7 11.5





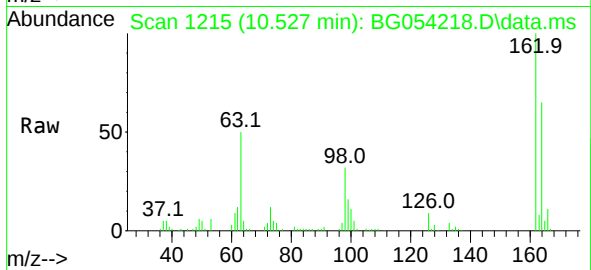
#29
2,4-Dichlorophenol
Concen: 52.663 ng
RT: 10.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

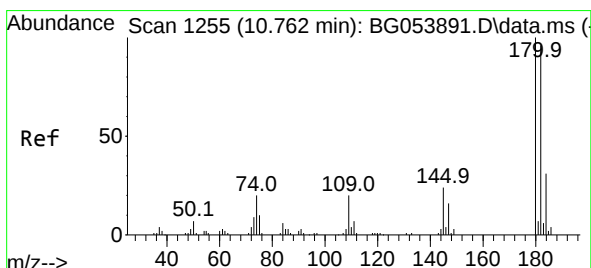
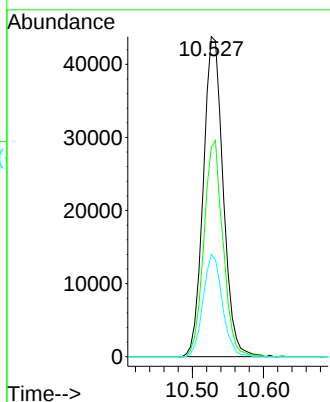
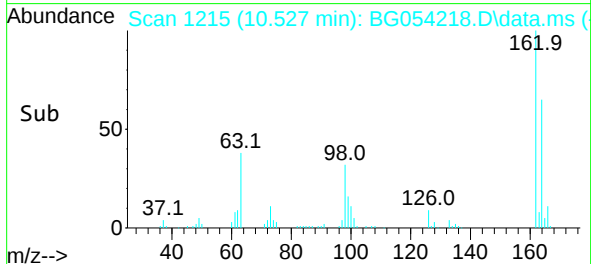


Tgt Ion:162 Resp: 85070
Ion Ratio Lower Upper
162 100
164 65.4 46.6 86.6
98 31.9 22.8 62.8

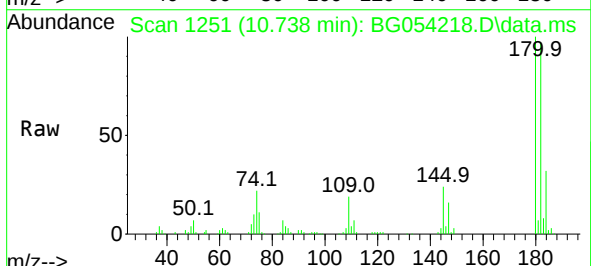
Manual Integrations

APPROVED

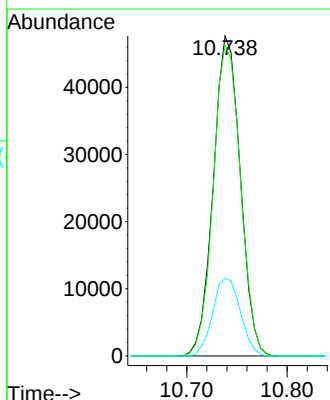
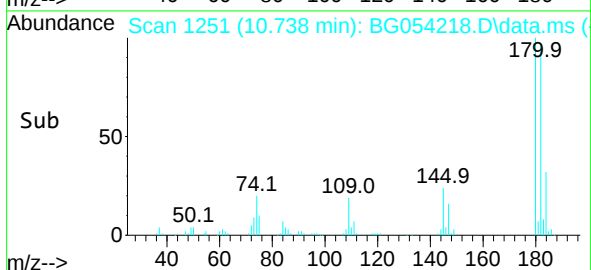
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

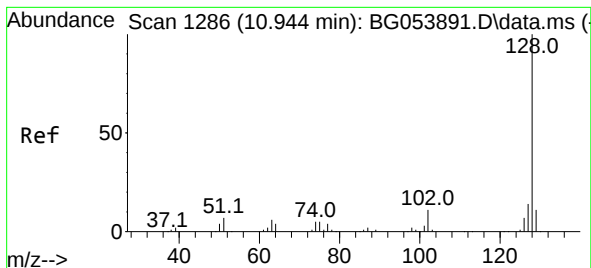


#30
1,2,4-Trichlorobenzene
Concen: 44.317 ng
RT: 10.738 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



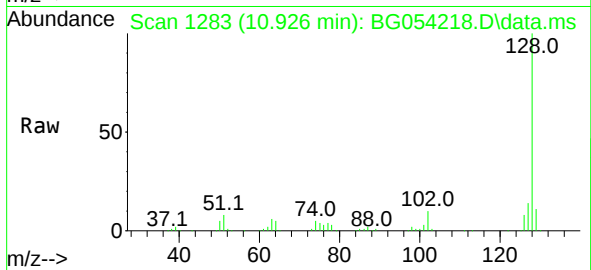
Tgt Ion:180 Resp: 88647
Ion Ratio Lower Upper
180 100
182 97.1 76.6 115.0
145 24.2 25.0 37.4#





#31
Naphthalene
Concen: 46.738 ng
RT: 10.926 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

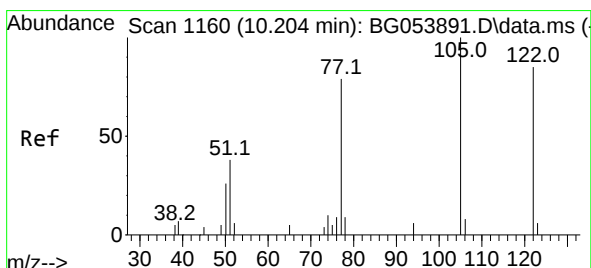
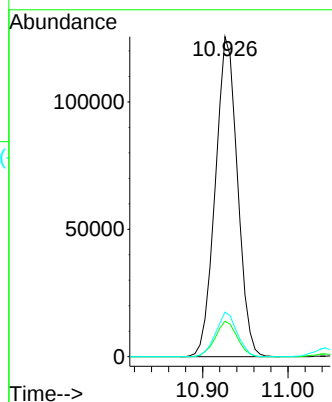
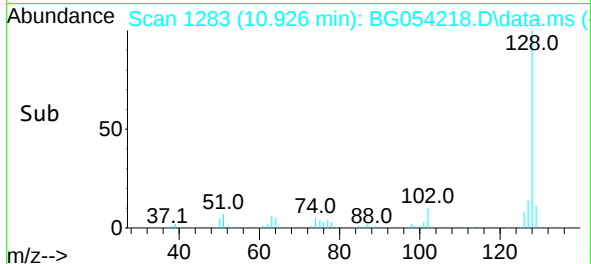
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



Tgt Ion:128 Resp: 226934
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.0 11.1 16.7

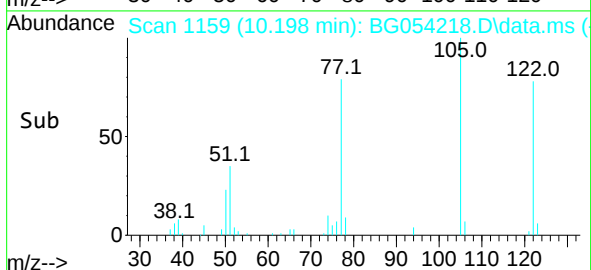
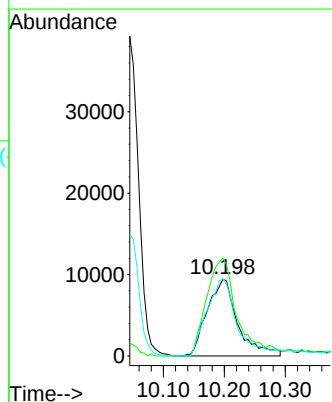
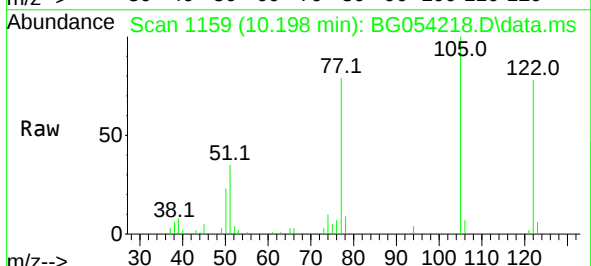
Manual Integrations
APPROVED

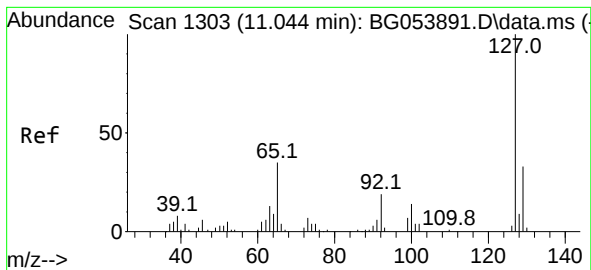
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#32
Benzoic acid
Concen: 59.138 ng
RT: 10.198 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

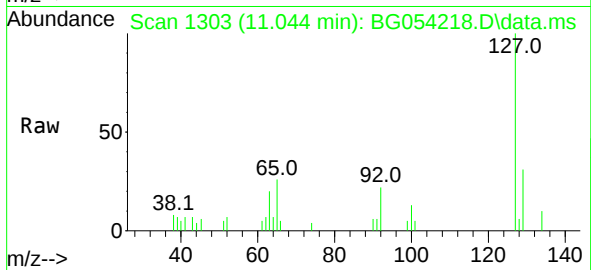
Tgt Ion:122 Resp: 32840
Ion Ratio Lower Upper
122 100
105 127.4 111.8 151.8
77 100.9 109.4 149.4#





#33
4-Chloroaniline
Concen: 3.941 ng
RT: 11.044 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

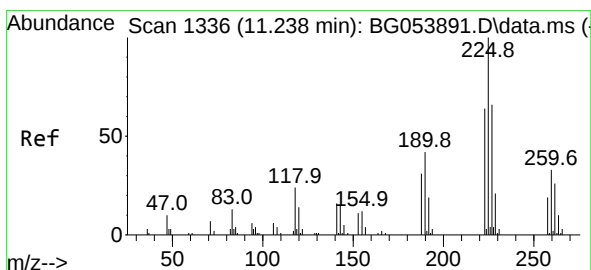
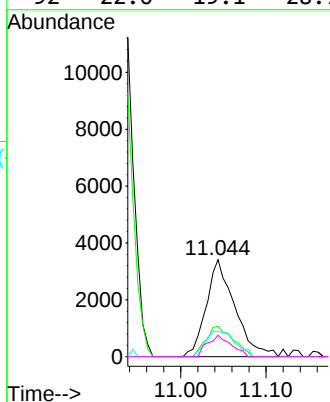
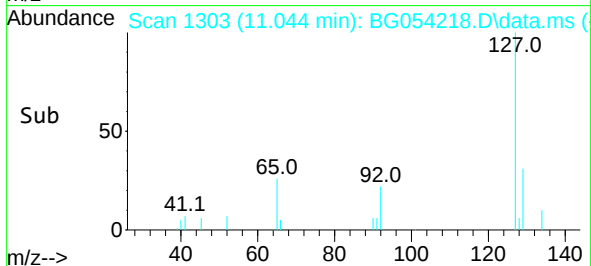
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



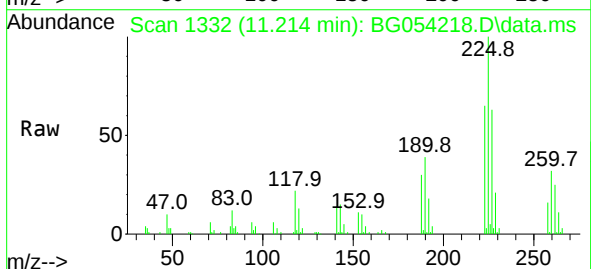
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	26.1	31.1	46.7
92	22.0	19.1	28.7

Manual Integrations
APPROVED

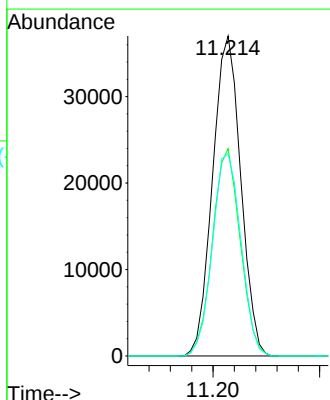
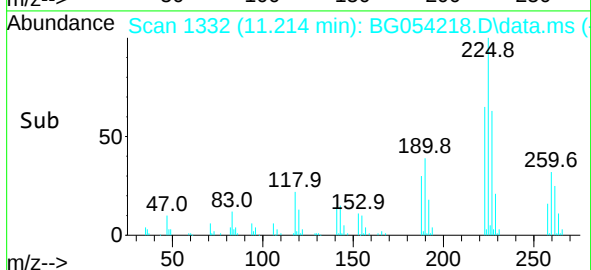
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

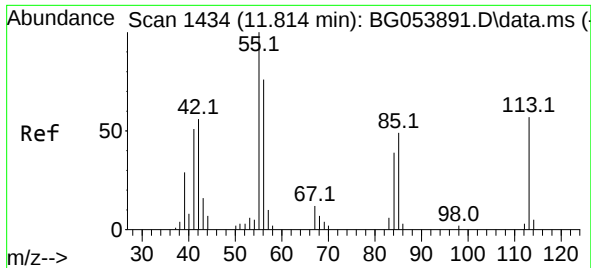


#34
Hexachlorobutadiene
Concen: 44.098 ng
RT: 11.214 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



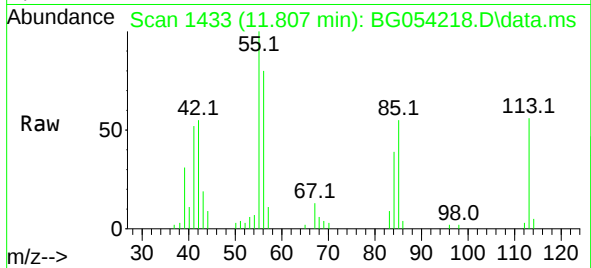
Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.2	48.9	73.3
227	66.5	52.8	79.2





#35
Caprolactam
Concen: 53.044 ng m
RT: 11.807 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

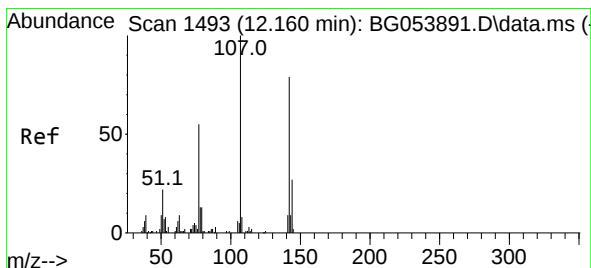
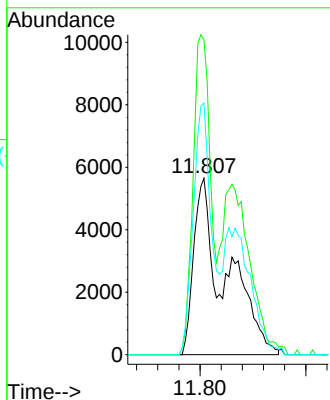
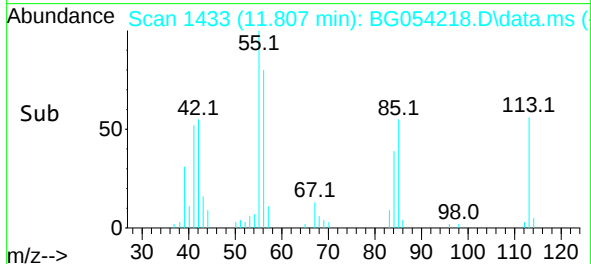
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



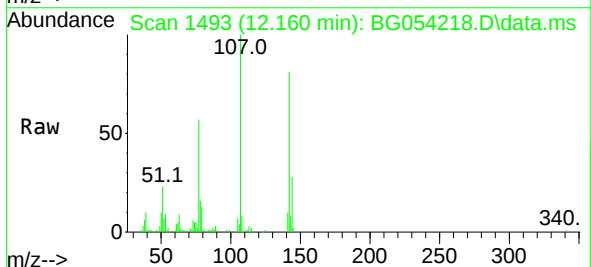
Tgt Ion:113 Resp: 23590
Ion Ratio Lower Upper
113 100
55 178.7 169.8 209.8
56 142.7 141.2 181.2

Manual Integrations
APPROVED

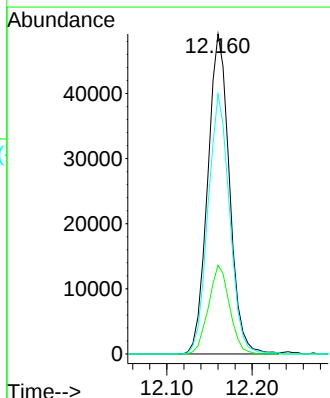
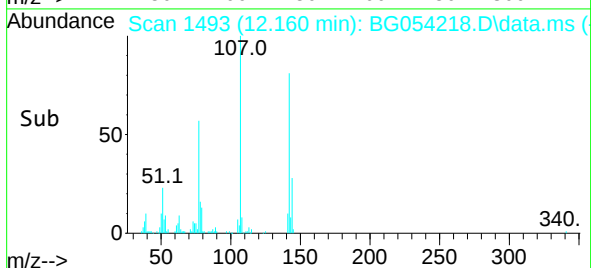
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

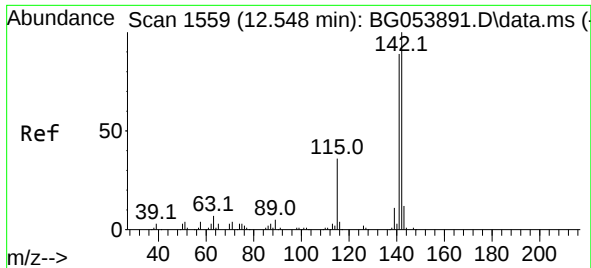


#36
4-Chloro-3-methylphenol
Concen: 55.527 ng
RT: 12.160 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



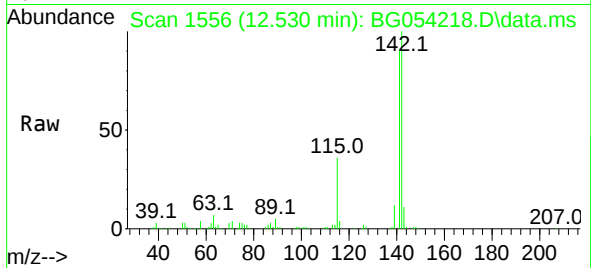
Tgt Ion:107 Resp: 87200
Ion Ratio Lower Upper
107 100
144 27.7 18.5 27.7#
142 81.2 55.0 82.4





#37
2-Methylnaphthalene
Concen: 45.538 ng
RT: 12.530 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

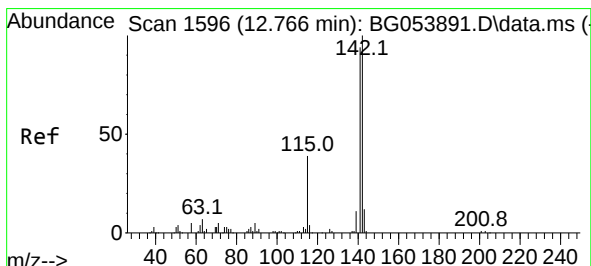
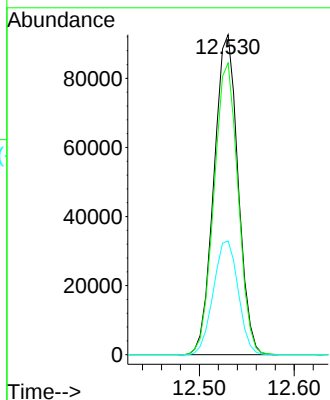
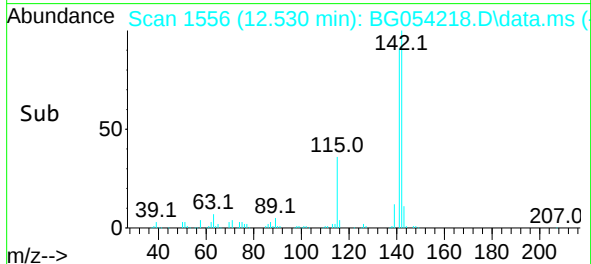
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



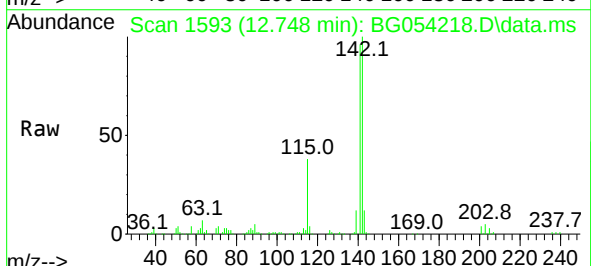
Tgt Ion:142 Resp: 163589
Ion Ratio Lower Upper
142 100
141 91.2 72.3 108.5
115 35.5 33.7 50.5

Manual Integrations
APPROVED

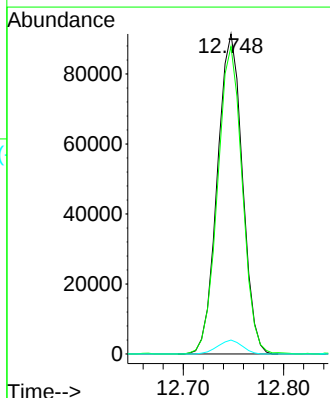
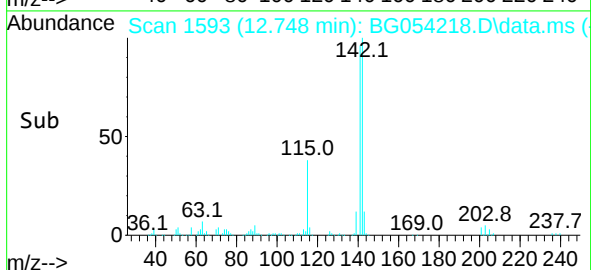
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

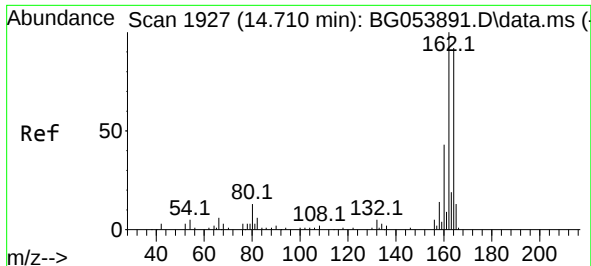


#38
1-Methylnaphthalene
Concen: 45.111 ng
RT: 12.748 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



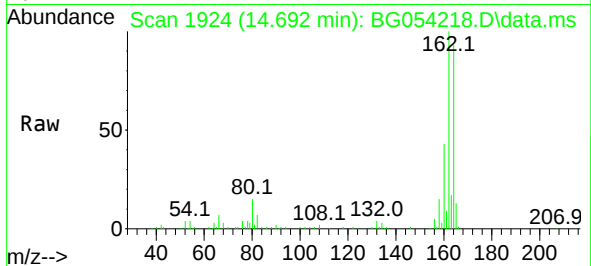
Tgt Ion:142 Resp: 157793
Ion Ratio Lower Upper
142 100
141 96.1 76.4 114.6
116 4.4 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

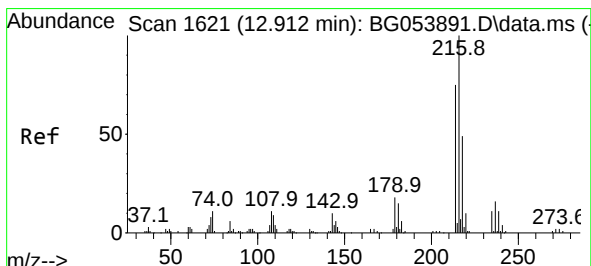
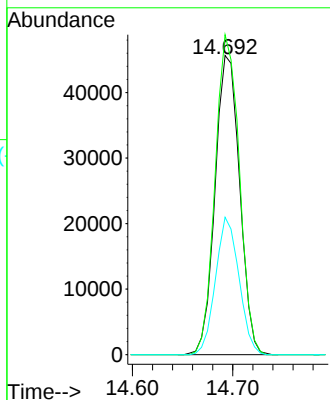
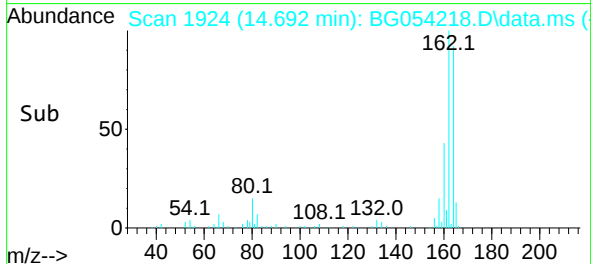
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



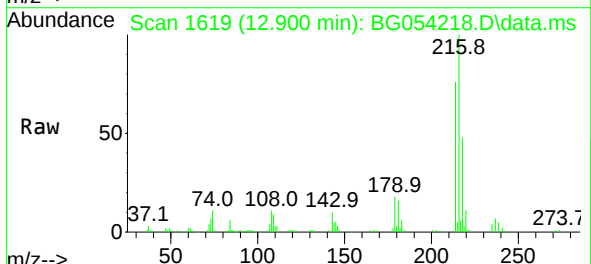
Tgt Ion:164 Resp: 77528
Ion Ratio Lower Upper
164 100
162 107.0 82.3 123.5
160 46.0 34.2 51.2

Manual Integrations
APPROVED

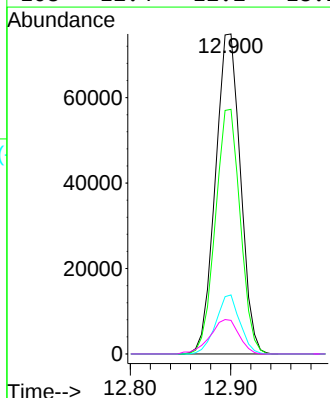
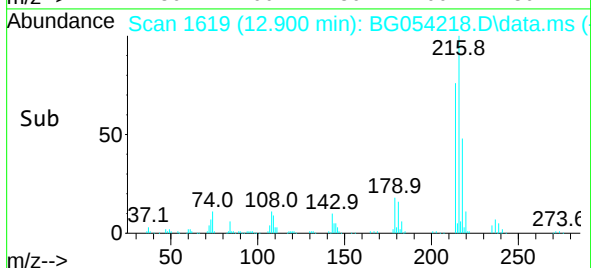
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.530 ng
RT: 12.900 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



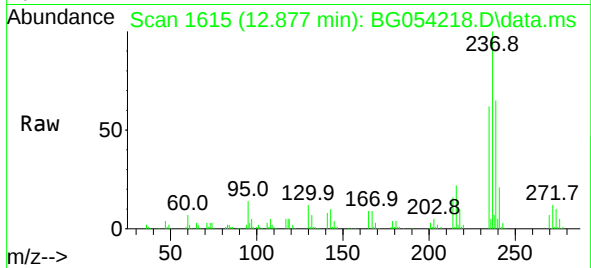
Tgt Ion:216 Resp: 130040
Ion Ratio Lower Upper
216 100
214 75.7 62.9 94.3
179 17.6 16.1 24.1
108 12.4 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 79.741 ng
RT: 12.877 min Scan# 11092
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

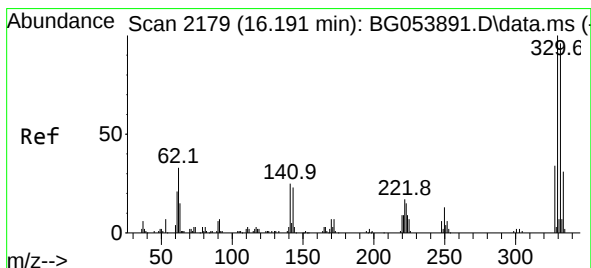
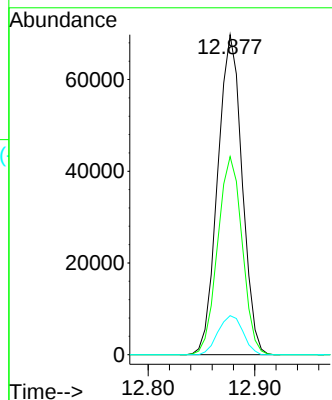
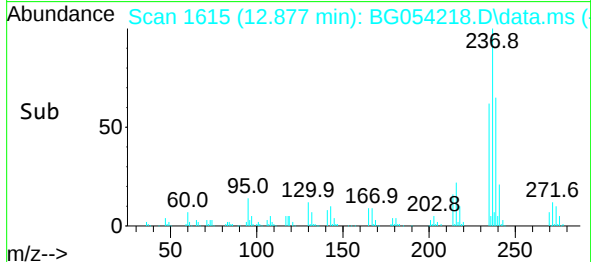
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



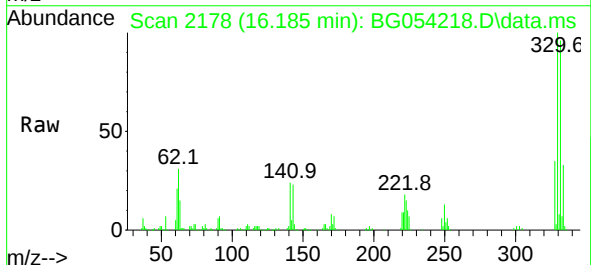
Tgt Ion:237 Resp: 11092
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 12.2 0.0 30.1

Manual Integrations
APPROVED

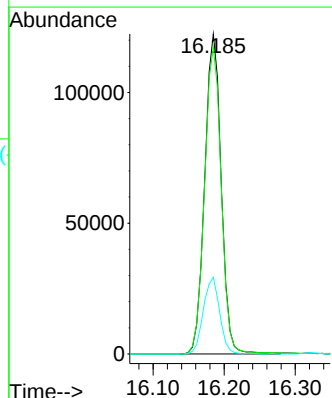
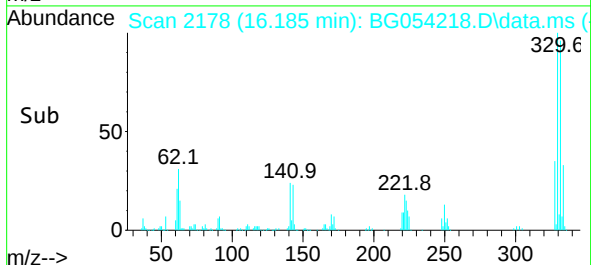
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

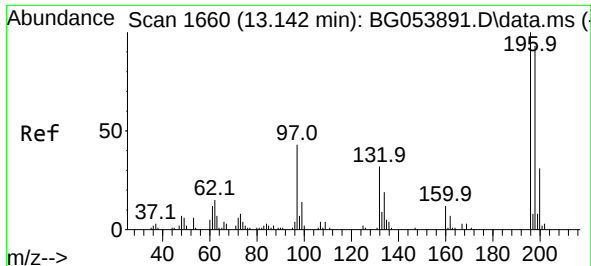


#42
2,4,6-Tribromophenol
Concen: 158.353 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



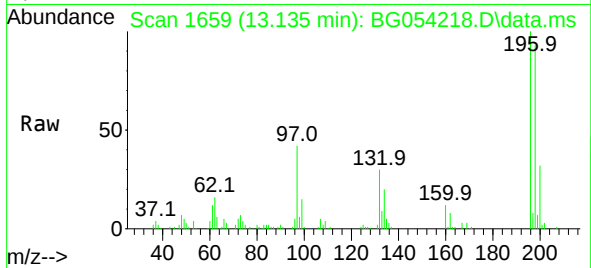
Tgt Ion:330 Resp: 197248
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 23.6 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 50.580 ng
RT: 13.135 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

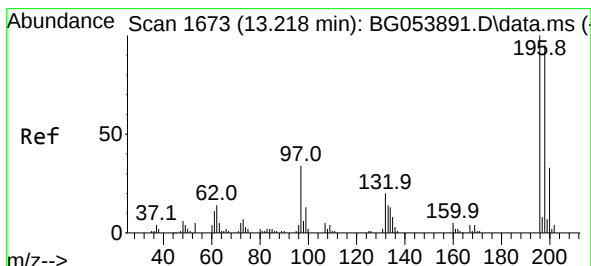
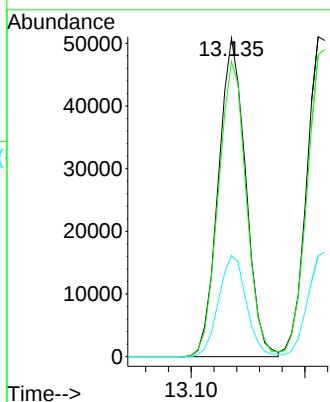
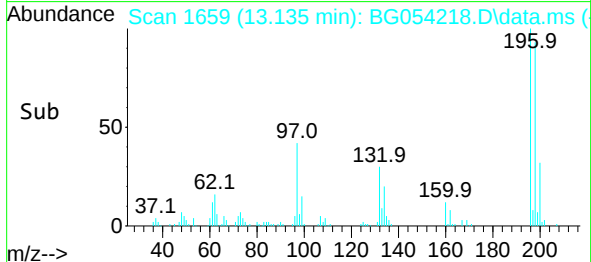
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



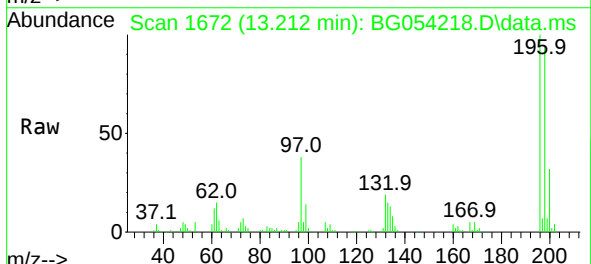
Tgt Ion:196 Resp: 84870
Ion Ratio Lower Upper
196 100
198 92.5 74.1 111.1
200 31.8 24.7 37.1

Manual Integrations
APPROVED

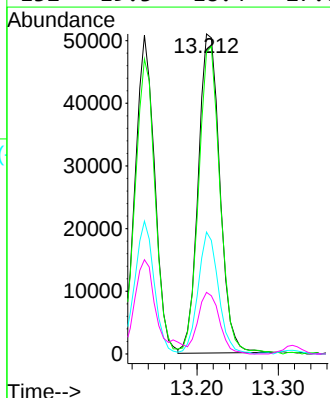
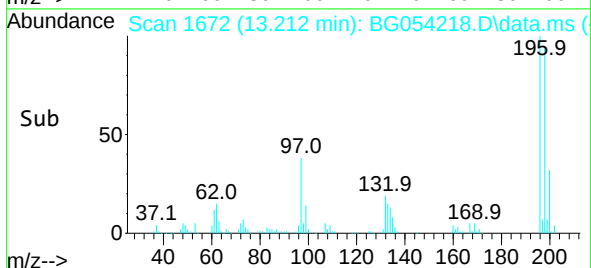
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

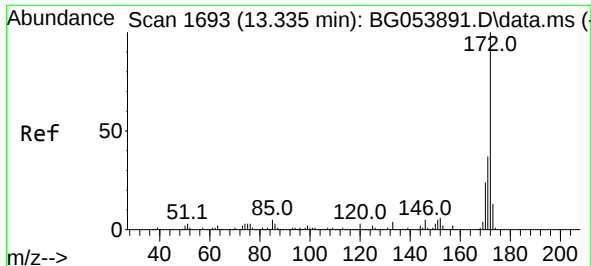


#44
2,4,5-Trichlorophenol
Concen: 50.003 ng
RT: 13.212 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:196 Resp: 93688
Ion Ratio Lower Upper
196 100
198 94.4 76.8 115.2
97 38.1 39.8 59.6#
132 19.3 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 83.247 ng
RT: 13.317 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

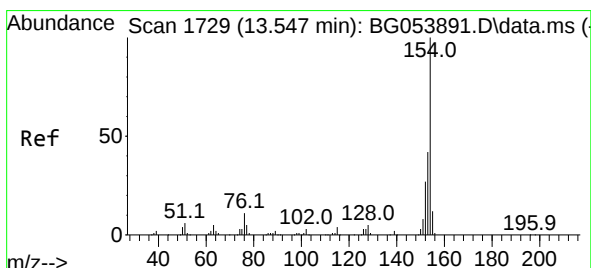
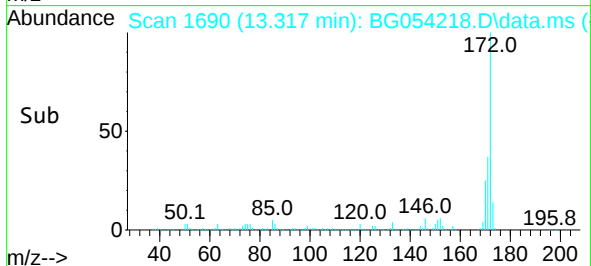
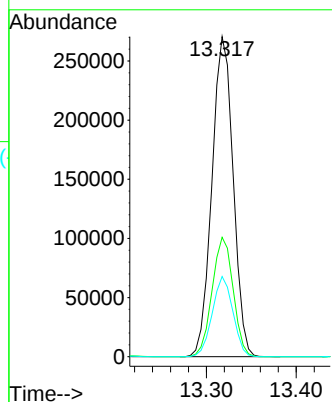
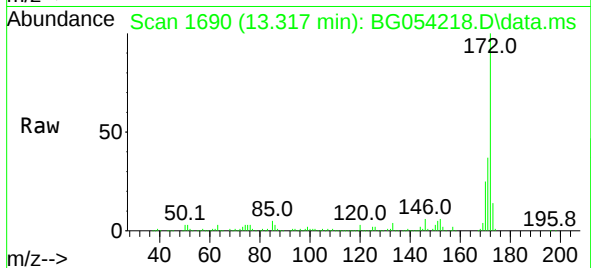
VB16128MSD

Tgt Ion:172 Resp: 44383
Ion Ratio Lower Upper
172 100
171 37.3 28.5 42.7
170 25.0 18.9 28.3

Manual Integrations

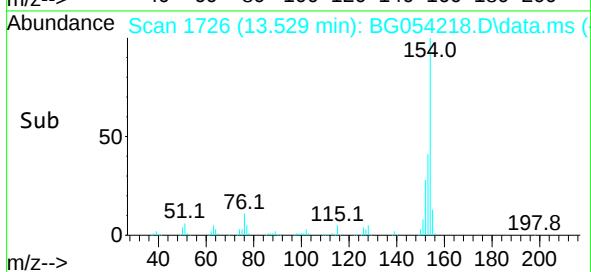
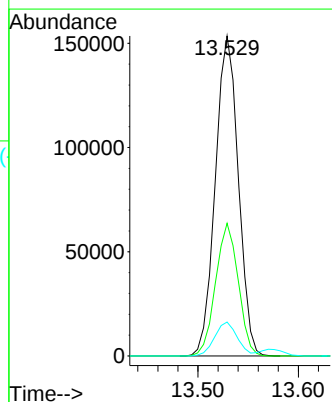
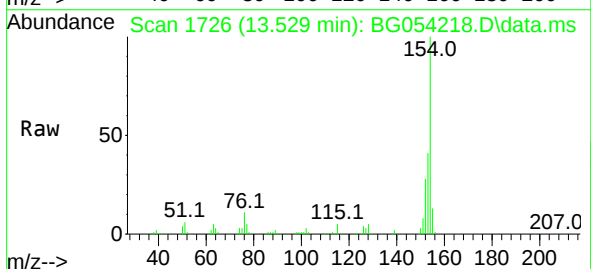
APPROVED

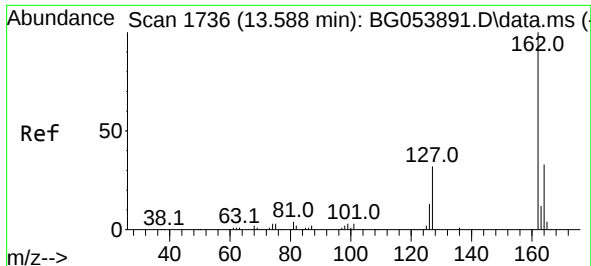
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#46
1,1'-Biphenyl
Concen: 45.253 ng
RT: 13.529 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

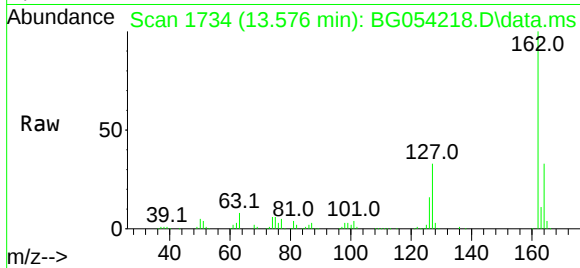
Tgt Ion:154 Resp: 244381
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 10.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 44.797 ng
RT: 13.576 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

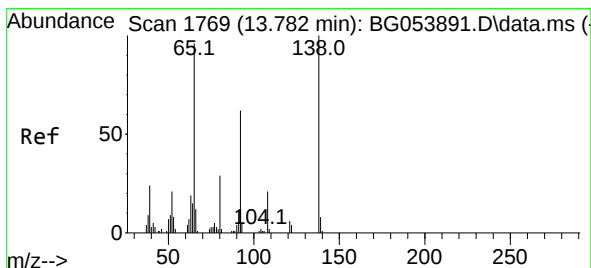
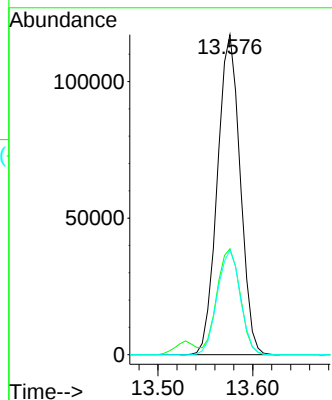
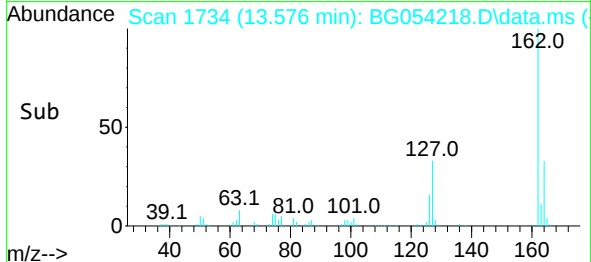
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



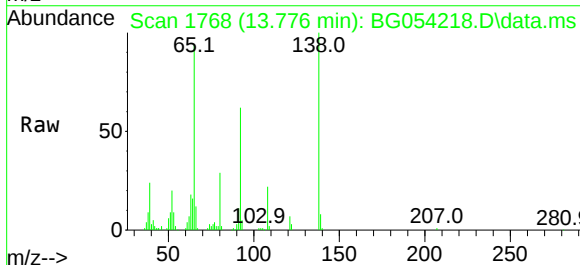
Tgt Ion:162 Resp: 19578
Ion Ratio Lower Upper
162 100
127 33.1 30.6 45.8
164 32.7 26.5 39.7

Manual Integrations
APPROVED

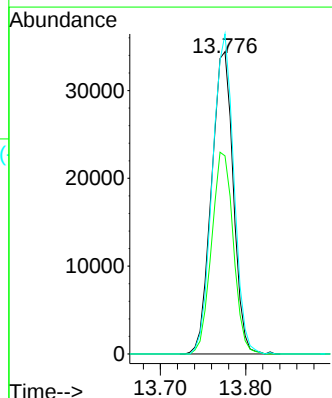
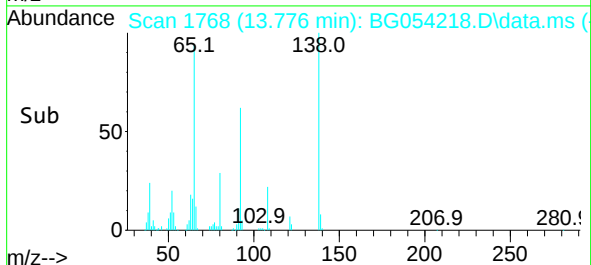
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

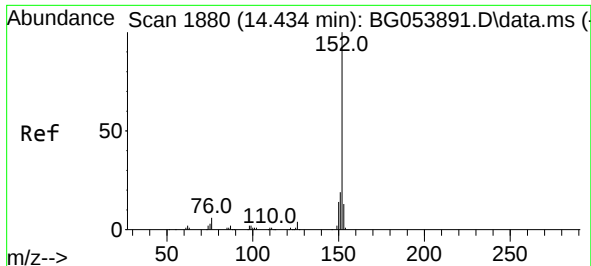


#48
2-Nitroaniline
Concen: 52.551 ng
RT: 13.776 min Scan# 1768
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



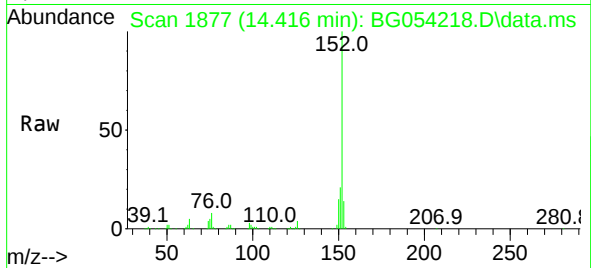
Tgt Ion: 65 Resp: 61094
Ion Ratio Lower Upper
65 100
92 65.5 51.5 77.3
138 105.9 71.3 106.9





#49
Acenaphthylene
Concen: 45.363 ng
RT: 14.416 min Scan# 1877
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

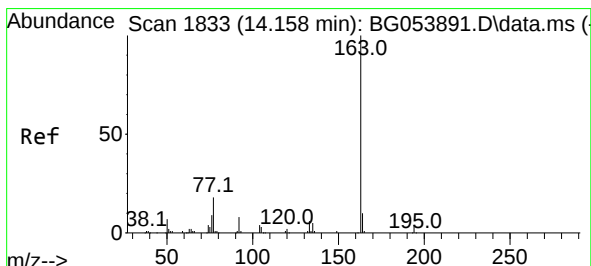
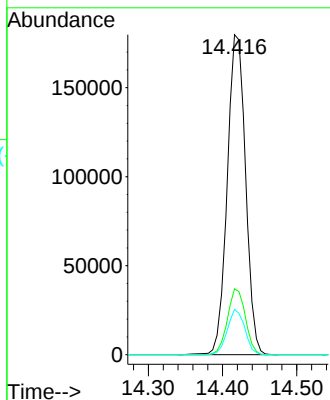
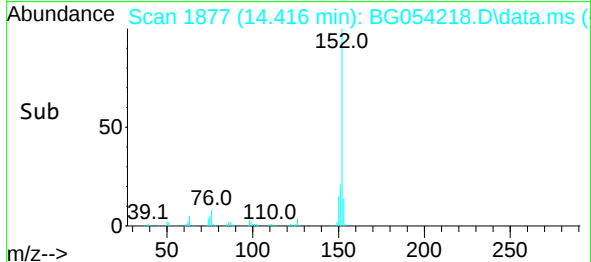
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



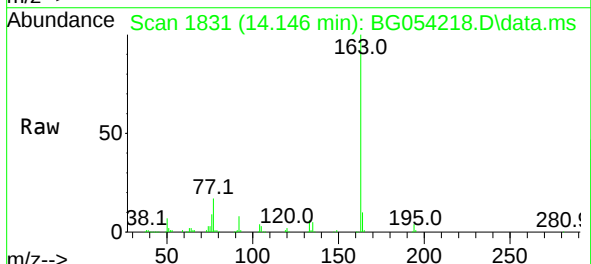
Tgt Ion:152 Resp: 30828
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.2 10.8 16.2

Manual Integrations
APPROVED

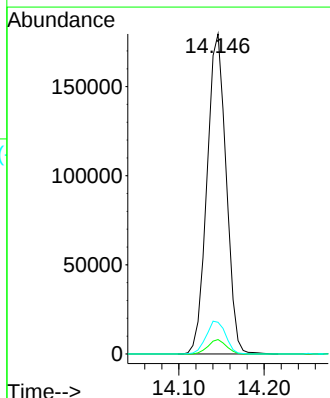
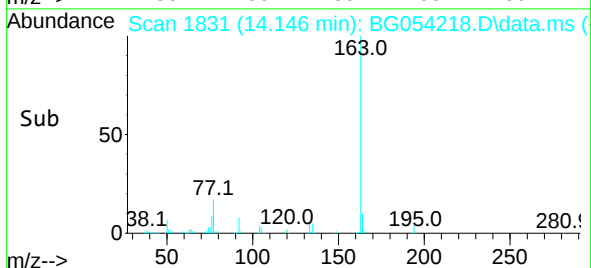
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

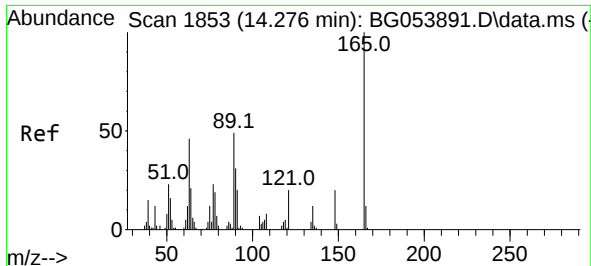


#50
Dimethylphthalate
Concen: 47.441 ng
RT: 14.146 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



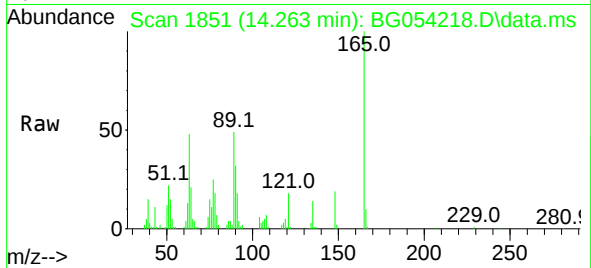
Tgt Ion:163 Resp: 280114
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 53.250 ng
RT: 14.263 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

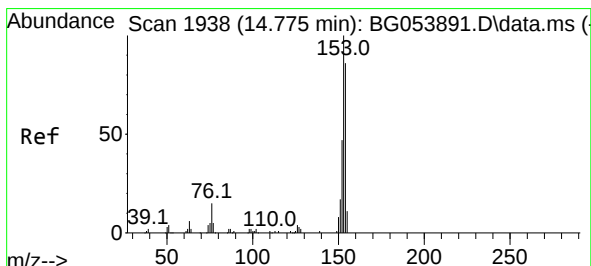
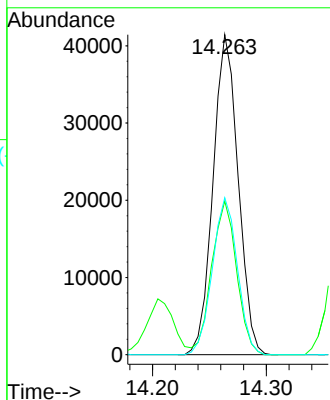
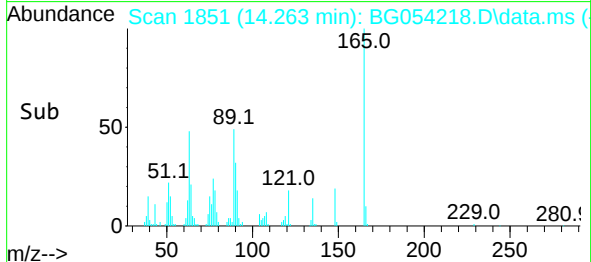
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



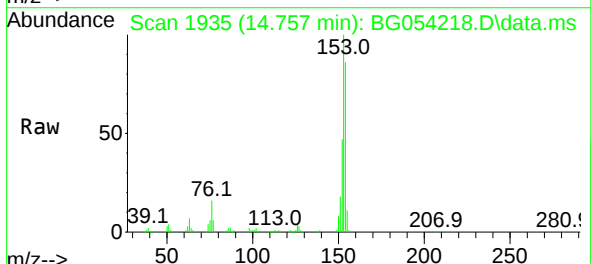
Tgt Ion:165 Resp: 63524
Ion Ratio Lower Upper
165 100
63 48.0 54.1 81.1
89 49.1 54.8 82.2

Manual Integrations
APPROVED

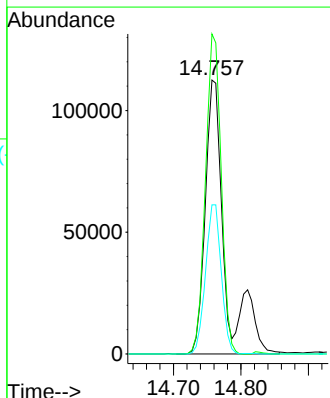
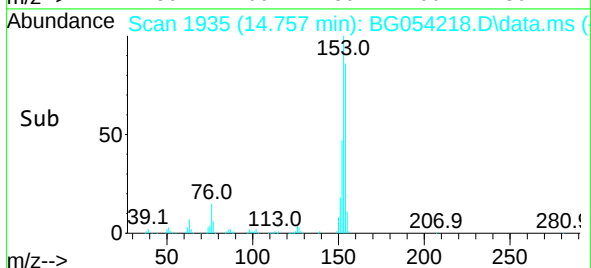
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

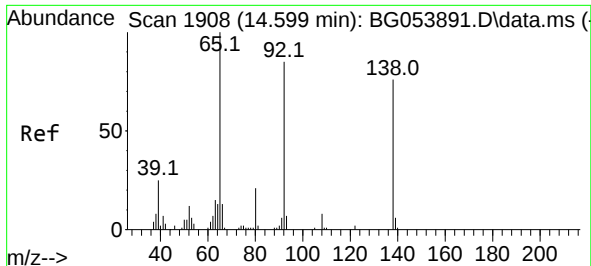


#52
Acenaphthene
Concen: 52.777 ng m
RT: 14.757 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



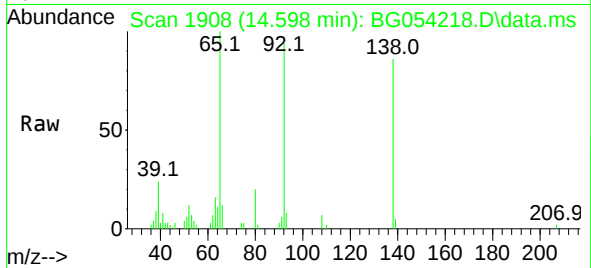
Tgt Ion:154 Resp: 228627
Ion Ratio Lower Upper
154 100
153 116.8 92.7 139.1
152 54.4 42.6 64.0





#53
3-Nitroaniline
Concen: 12.185 ng
RT: 14.598 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

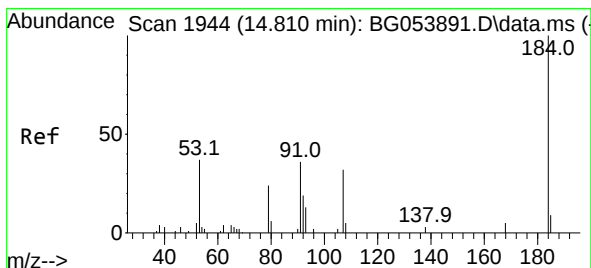
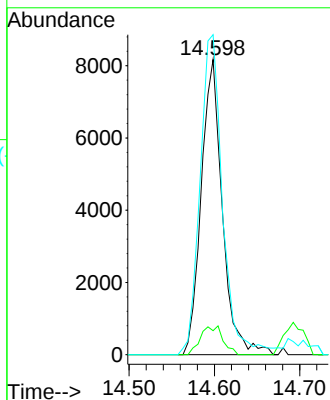
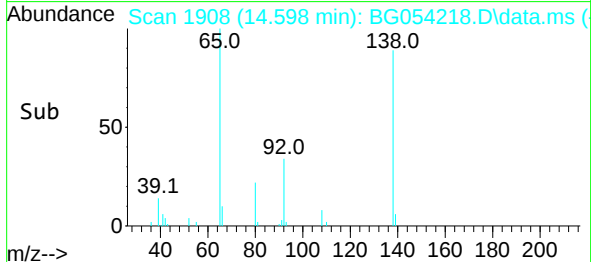
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



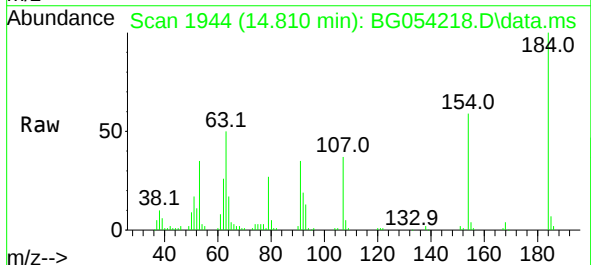
Tgt Ion:138 Resp: 1408
Ion Ratio Lower Upper
138 100
108 8.1 9.2 13.8
92 108.4 101.9 152.9

Manual Integrations
APPROVED

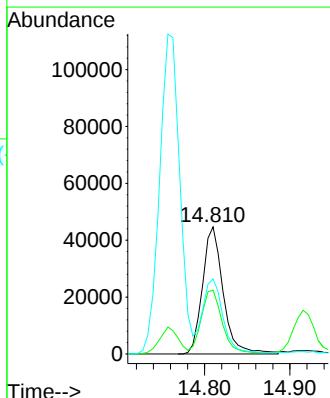
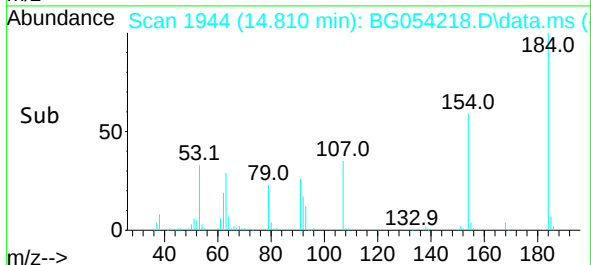
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#54
2,4-Dinitrophenol
Concen: 111.171 ng
RT: 14.810 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



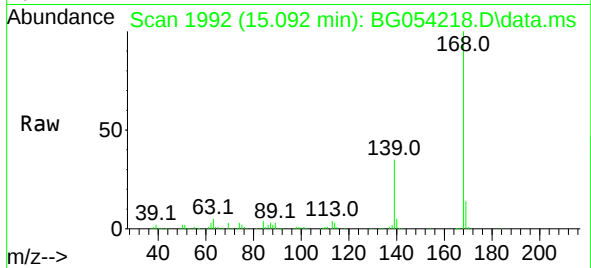
Tgt Ion:184 Resp: 75161
Ion Ratio Lower Upper
184 100
63 50.2 61.1 91.7#
154 59.0 60.6 91.0#





#55
Dibenzenofuran
Concen: 46.342 ng
RT: 15.092 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

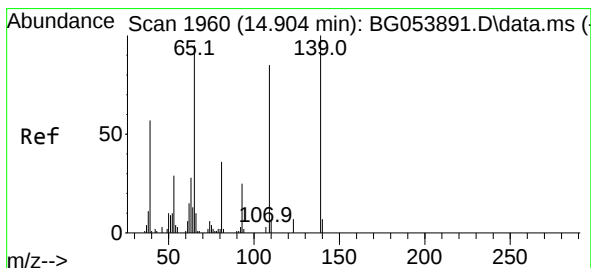
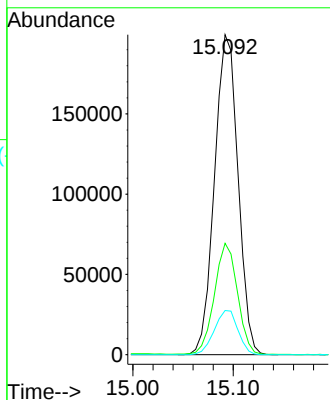
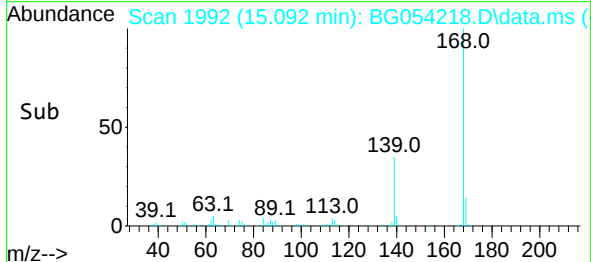
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



Tgt Ion:168 Resp: 32344
Ion Ratio Lower Upper
168 100
139 34.8 30.5 45.7
169 13.8 10.3 15.5

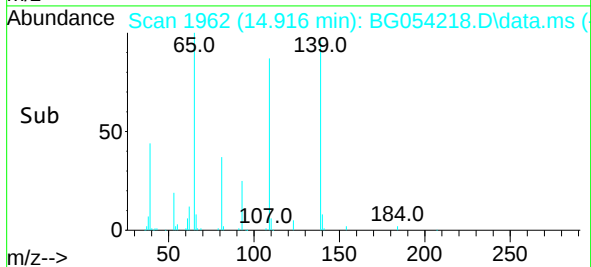
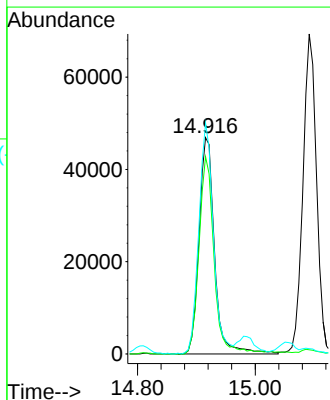
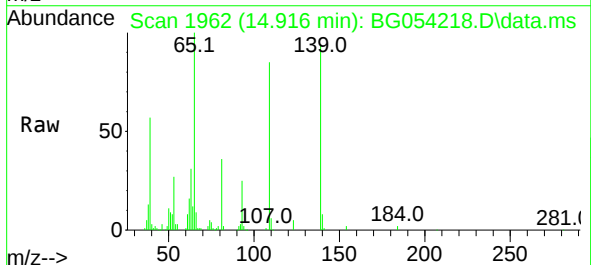
Manual Integrations
APPROVED

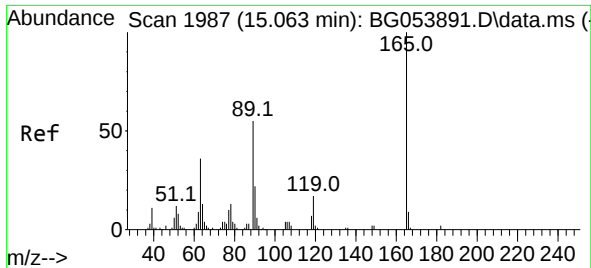
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#56
4-Nitrophenol
Concen: 104.804 ng
RT: 14.916 min Scan# 1962
Delta R.T. 0.018 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

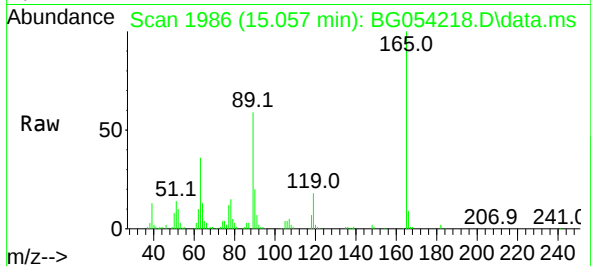
Tgt Ion:139 Resp: 85995
Ion Ratio Lower Upper
139 100
109 91.2 88.5 128.5
65 106.7 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 55.702 ng
RT: 15.057 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

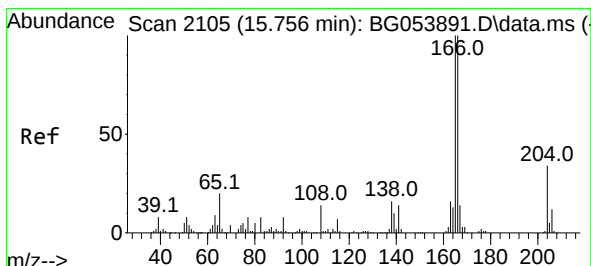
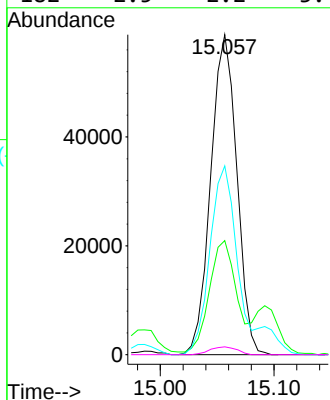
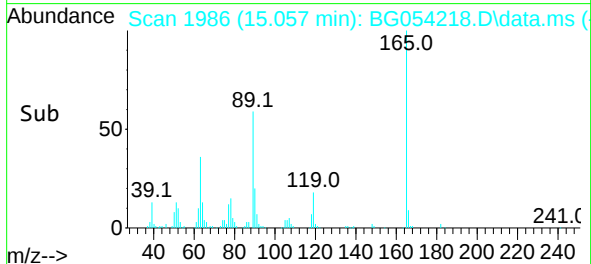
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



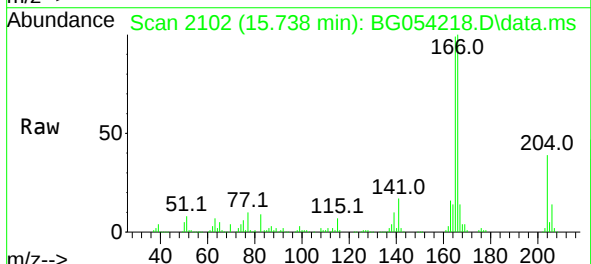
Tgt Ion:165 Resp: 9384
Ion Ratio Lower Upper
165 100
63 35.6 34.6 52.0
89 59.0 60.3 90.5
182 2.5 2.2 3.4

Manual Integrations
APPROVED

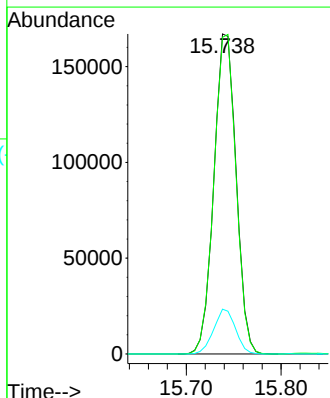
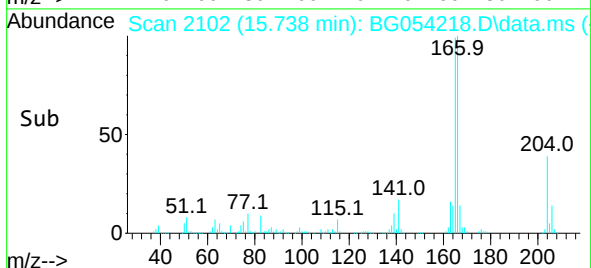
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#58
Fluorene
Concen: 47.506 ng
RT: 15.738 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:166 Resp: 272236
Ion Ratio Lower Upper
166 100
165 99.0 75.0 112.6
167 14.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.349 ng
RT: 15.321 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

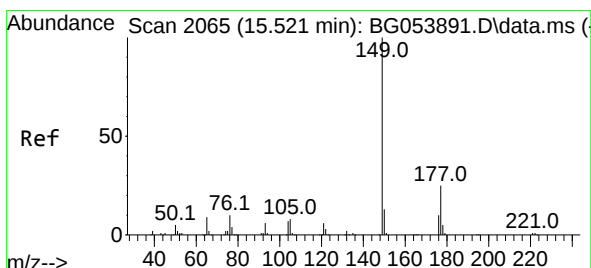
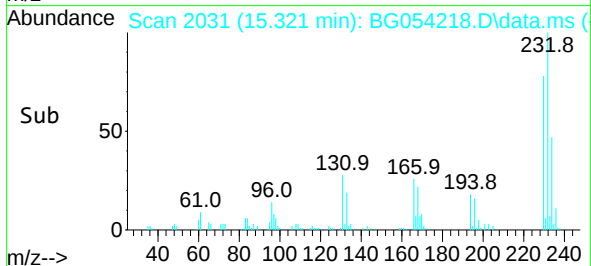
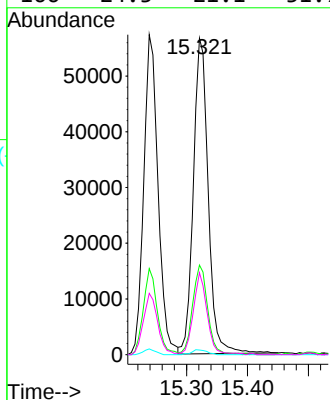
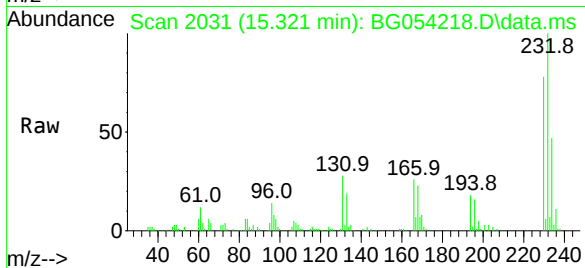
VB16128MSD

Tgt Ion:232 Resp: 95920
Ion Ratio Lower Upper
232 100
131 28.6 30.6 46.0
130 1.6 1.8 2.8
166 24.3 21.1 31.7

Manual Integrations

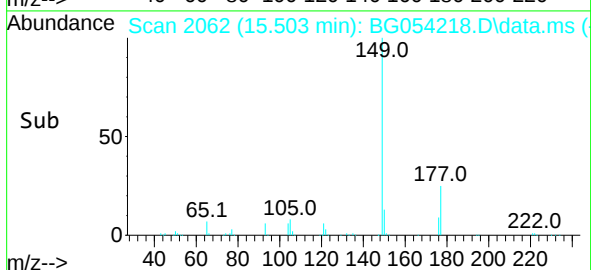
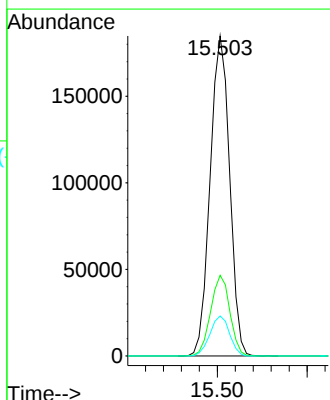
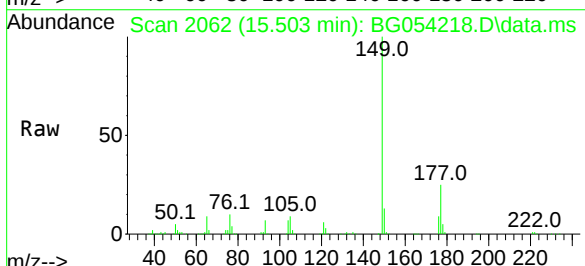
APPROVED

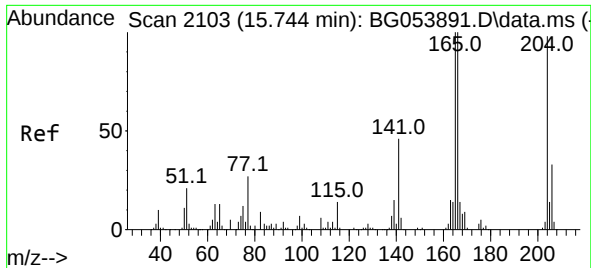
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#60
Diethylphthalate
Concen: 48.648 ng
RT: 15.503 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

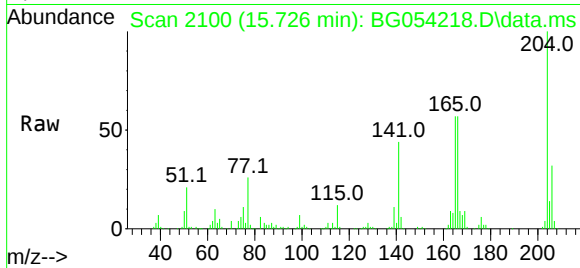
Tgt Ion:149 Resp: 278168
Ion Ratio Lower Upper
149 100
177 25.2 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 48.169 ng
RT: 15.726 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

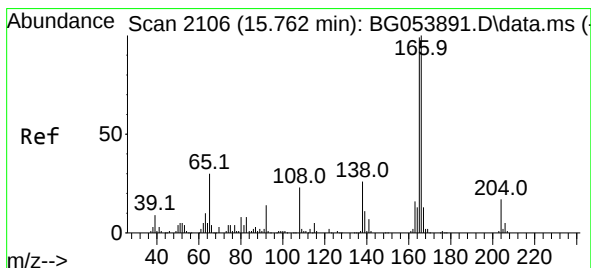
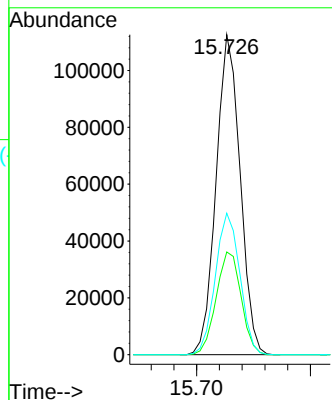
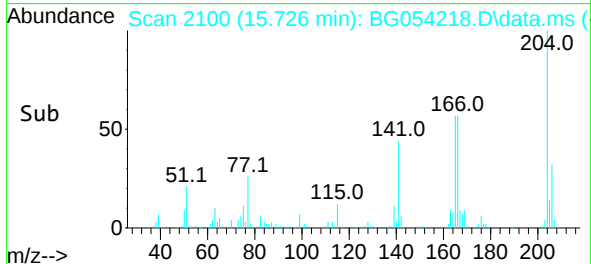
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



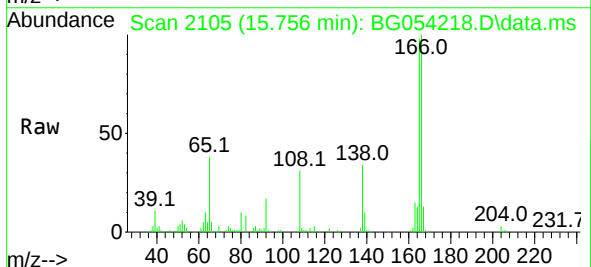
Tgt Ion:204 Resp: 16525
Ion Ratio Lower Upper
204 100
206 32.1 27.5 41.3
141 44.2 45.3 67.9

Manual Integrations
APPROVED

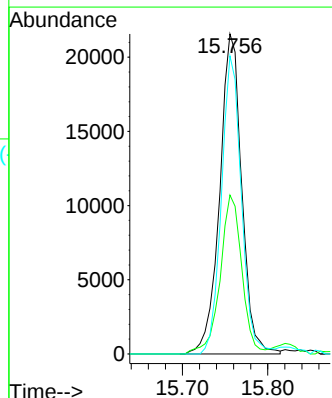
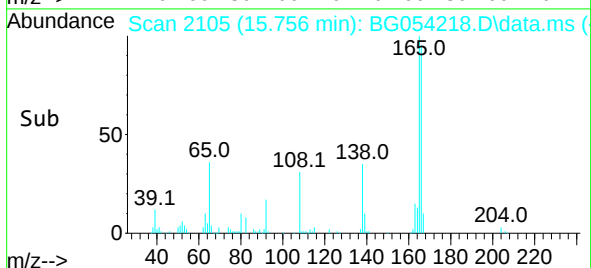
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

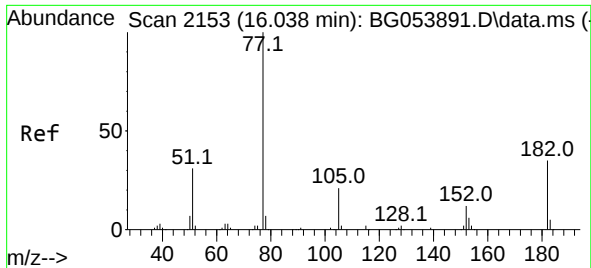


#62
4-Nitroaniline
Concen: 32.159 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:138 Resp: 38760
Ion Ratio Lower Upper
138 100
92 49.7 40.5 80.5
108 93.2 103.7 143.7#





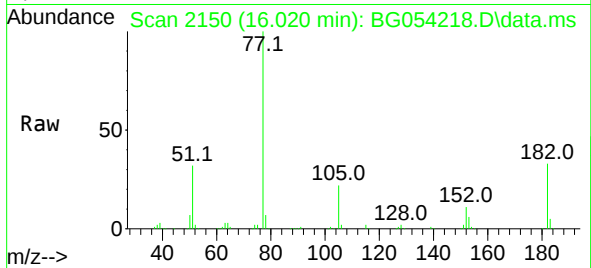
#63
Azobenzene
Concen: 46.874 ng
RT: 16.020 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

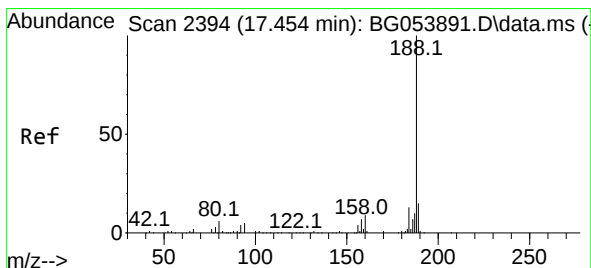
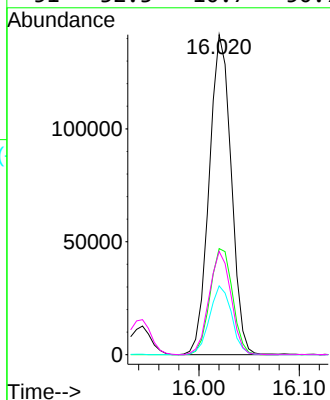
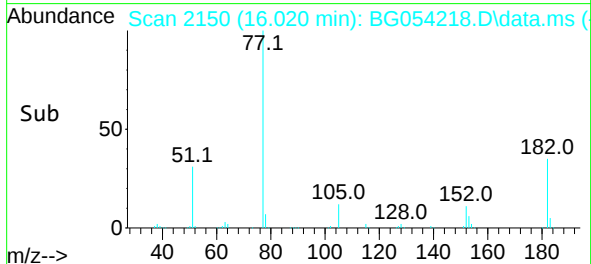


Tgt Ion: 77 Resp: 215748
Ion Ratio Lower Upper
77 100
182 33.1 3.8 43.8
105 21.5 0.0 37.8
51 32.3 10.7 50.7

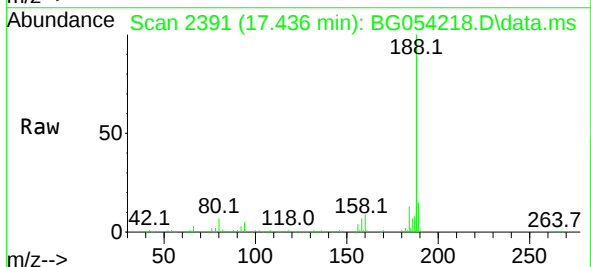
Manual Integrations

APPROVED

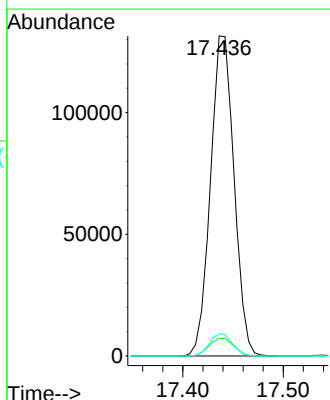
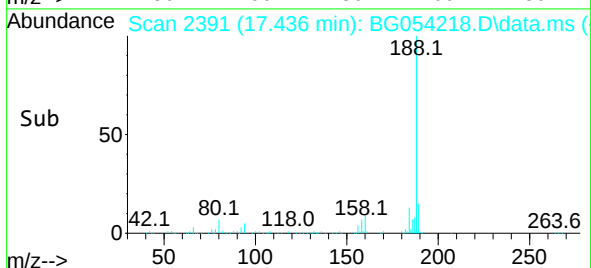
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

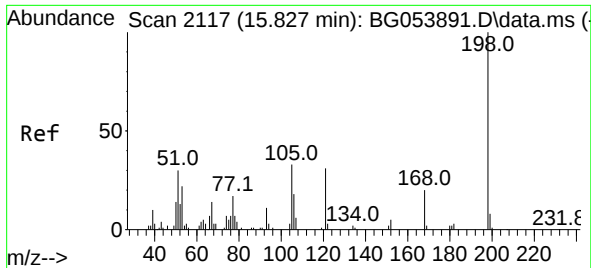


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:188 Resp: 214268
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.0 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 53.732 ng
RT: 15.820 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

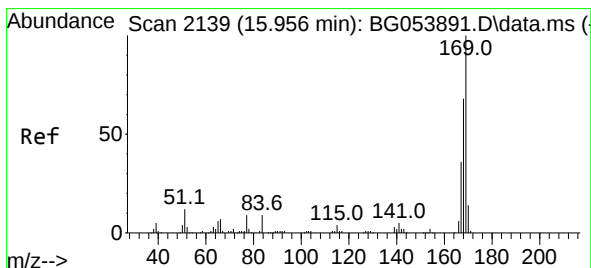
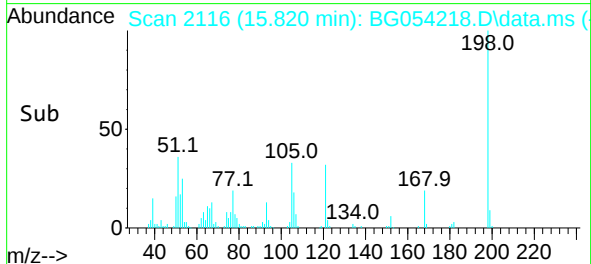
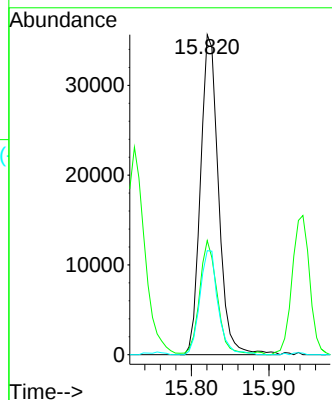
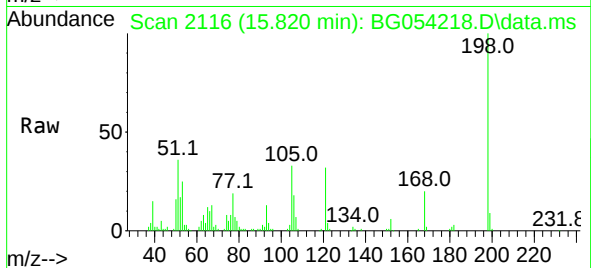
VB16128MSD

Tgt Ion:198 Resp: 57439
Ion Ratio Lower Upper
198 100
51 35.6 28.1 68.1
105 32.5 20.3 60.3

Manual Integrations

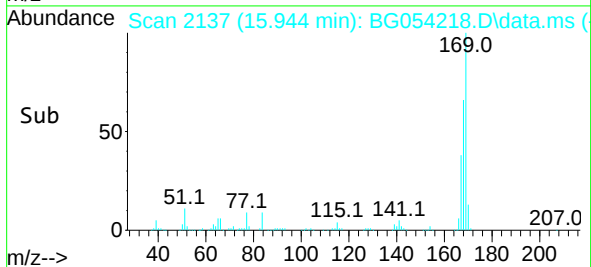
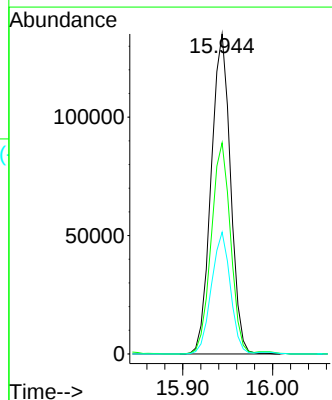
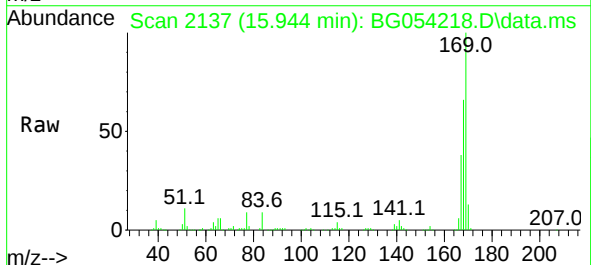
APPROVED

Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#66
n-Nitrosodiphenylamine
Concen: 36.204 ng
RT: 15.944 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

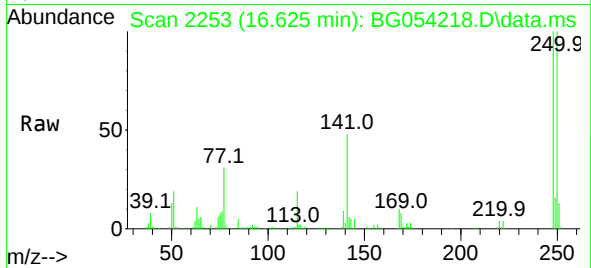
Tgt Ion:169 Resp: 202171
Ion Ratio Lower Upper
169 100
168 66.0 55.9 83.9
167 38.1 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 46.049 ng
RT: 16.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

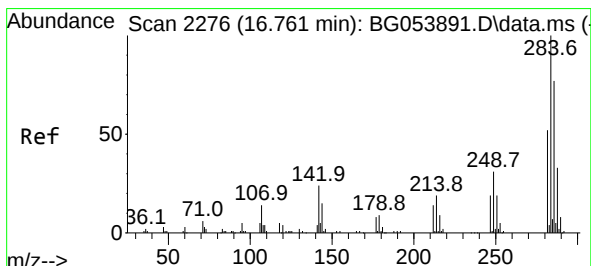
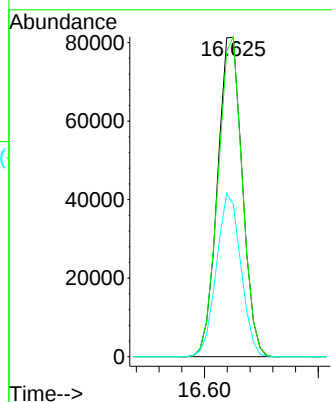
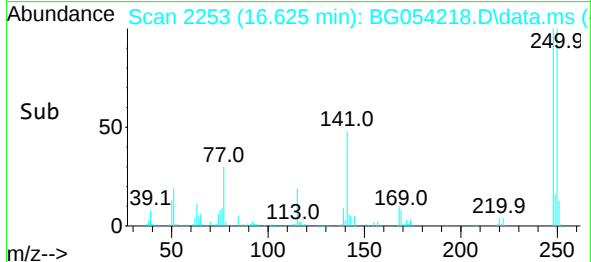
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



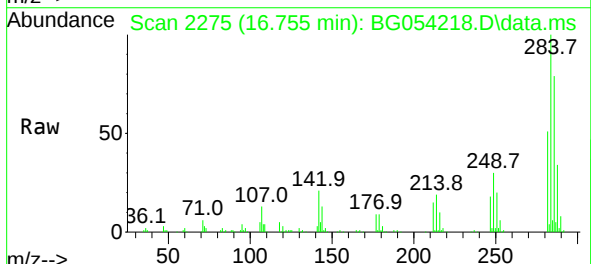
Tgt Ion:248 Resp: 12323
Ion Ratio Lower Upper
248 100
250 100.2 75.2 112.8
141 47.6 50.0 75.0

Manual Integrations
APPROVED

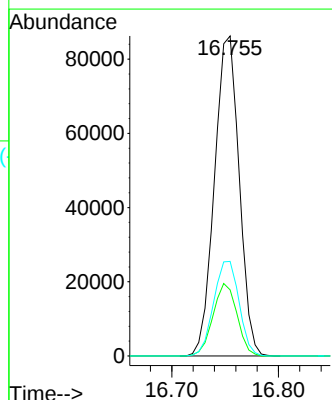
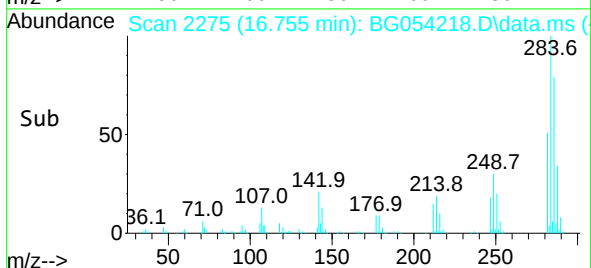
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

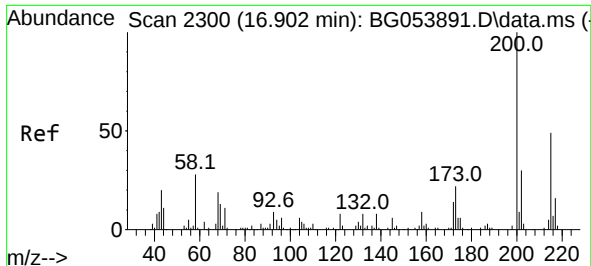


#68
Hexachlorobenzene
Concen: 45.235 ng
RT: 16.755 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:284 Resp: 138472
Ion Ratio Lower Upper
284 100
142 20.7 23.6 35.4#
249 32.0 25.8 38.6





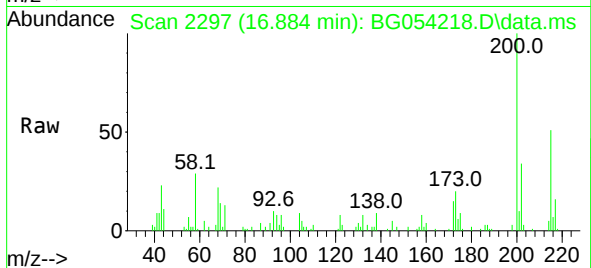
#69
 Atrazine
 Concen: 8.759 ng
 RT: 16.884 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

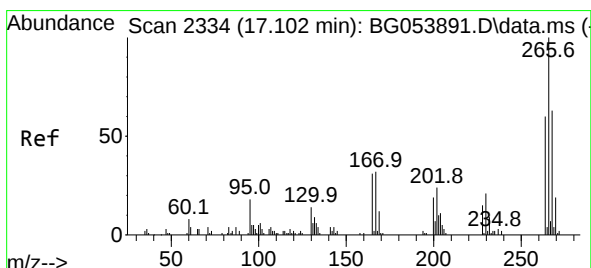
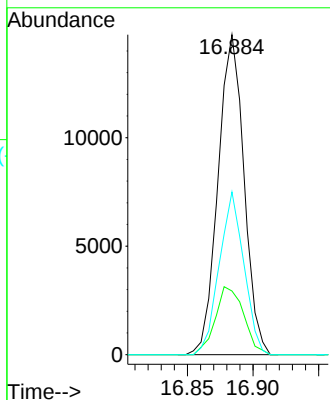
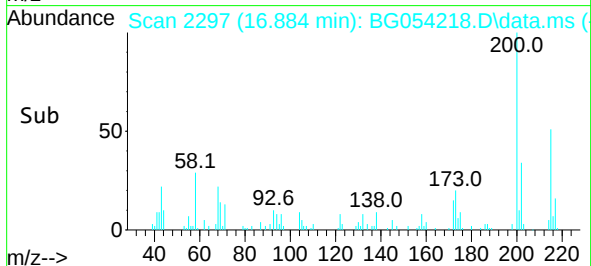


Tgt Ion:200 Resp: 2026
 Ion Ratio Lower Upper
 200 100
 173 19.9 3.7 43.7
 215 50.8 25.2 65.2

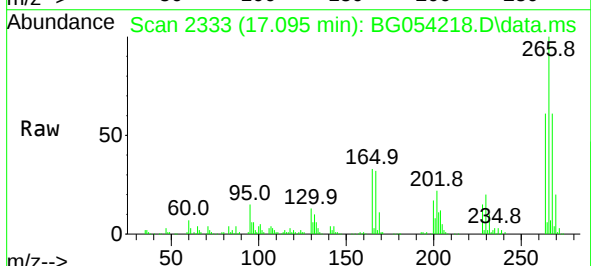
Manual Integrations

APPROVED

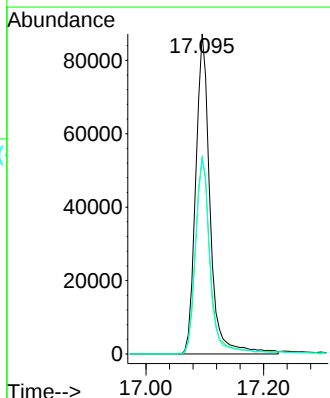
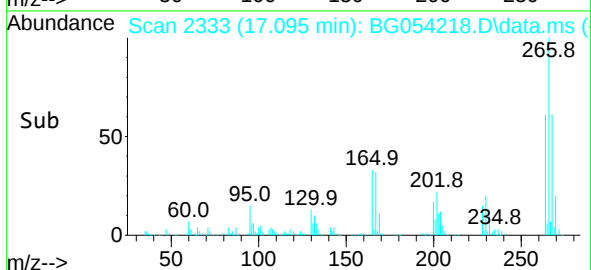
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

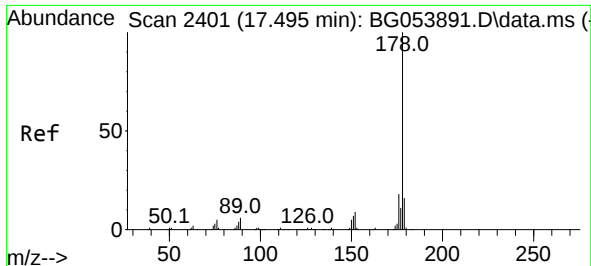


#70
 Pentachlorophenol
 Concen: 103.778 ng
 RT: 17.095 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36



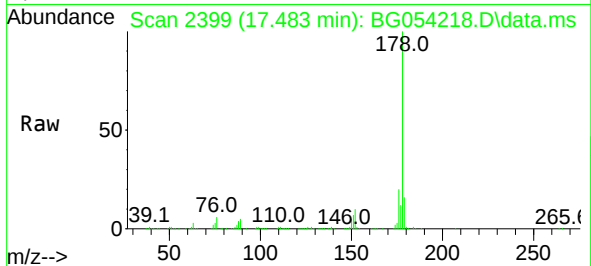
Tgt Ion:266 Resp: 147569
 Ion Ratio Lower Upper
 266 100
 268 61.3 56.2 84.2
 264 61.1 53.0 79.4





#71
Phenanthrene
Concen: 44.492 ng
RT: 17.483 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

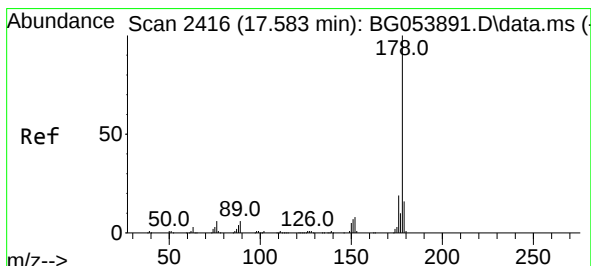
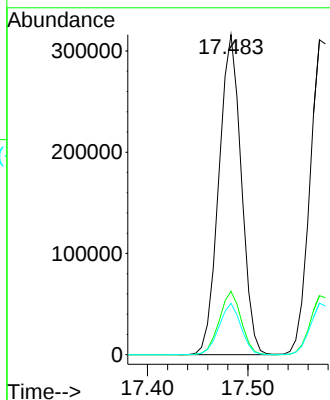
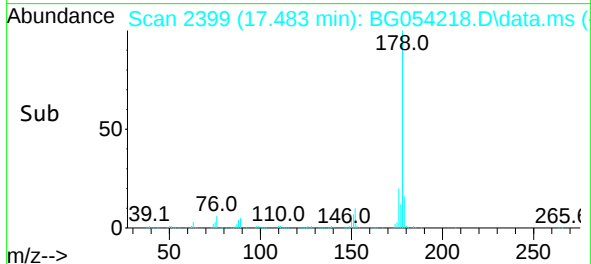
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



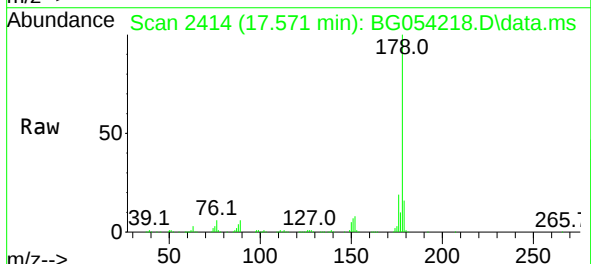
Tgt Ion:178 Resp: 489794
Ion Ratio Lower Upper
178 100
176 19.8 14.1 21.1
179 16.0 12.1 18.1

Manual Integrations
APPROVED

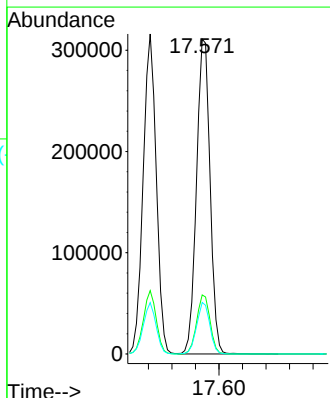
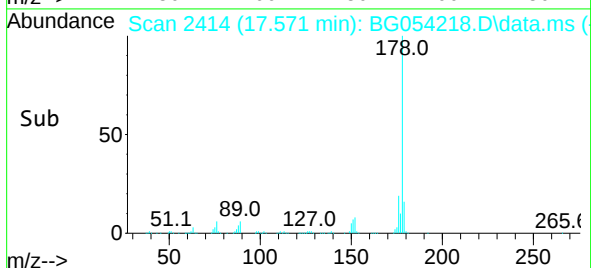
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

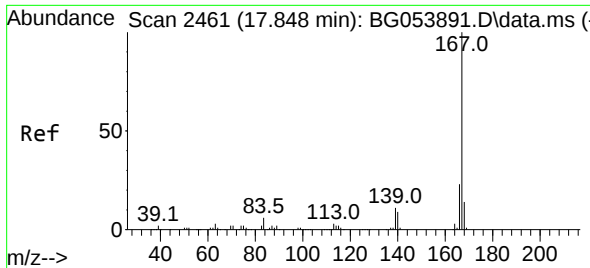


#72
Anthracene
Concen: 46.192 ng
RT: 17.571 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:178 Resp: 496566
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 16.4 13.0 19.4





#73
 Carbazole
 Concen: 33.062 ng
 RT: 17.842 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

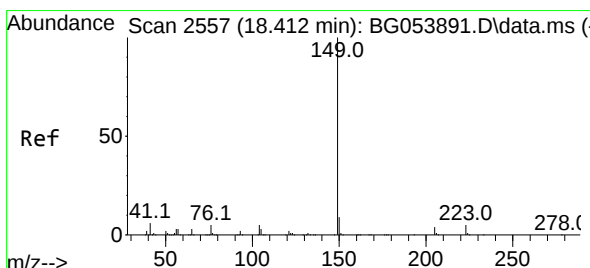
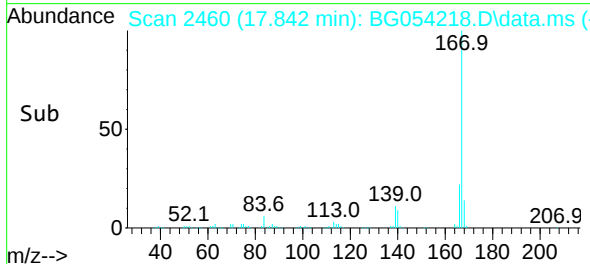
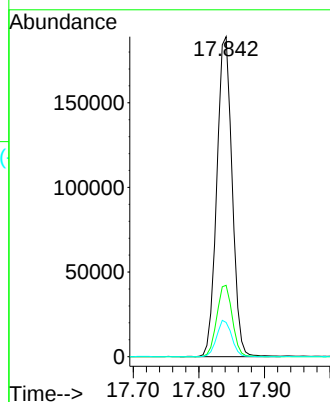
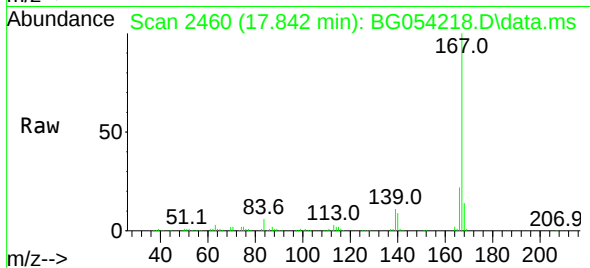
VB16128MSD

Tgt Ion:167 Resp: 305060
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 10.7 10.1 15.1

Manual Integrations

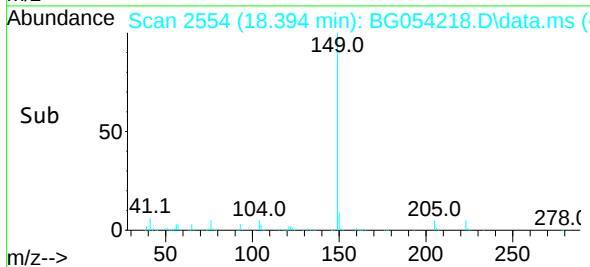
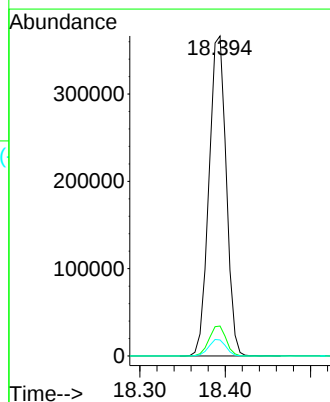
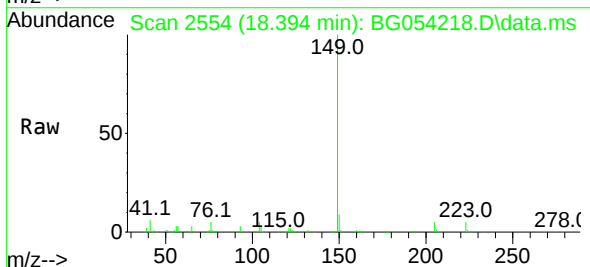
APPROVED

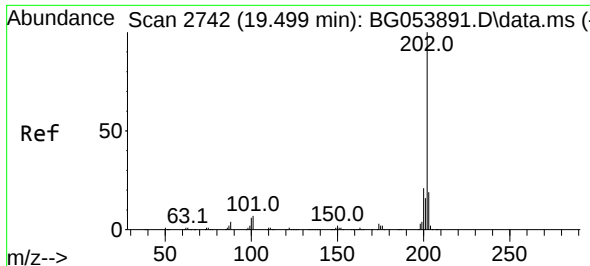
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022



#74
 Di-n-butylphthalate
 Concen: 48.275 ng
 RT: 18.394 min Scan# 2554
 Delta R.T. -0.006 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36

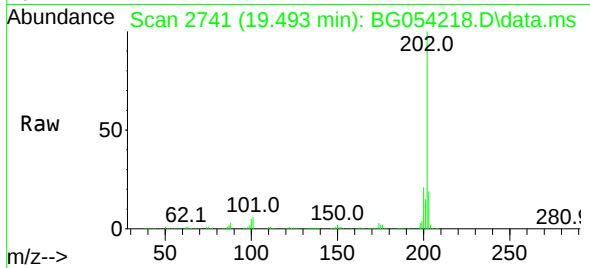
Tgt Ion:149 Resp: 515024
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.0 5.4 8.0#





#75
Fluoranthene
Concen: 44.108 ng
RT: 19.493 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

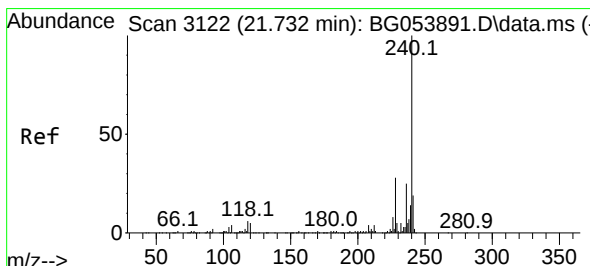
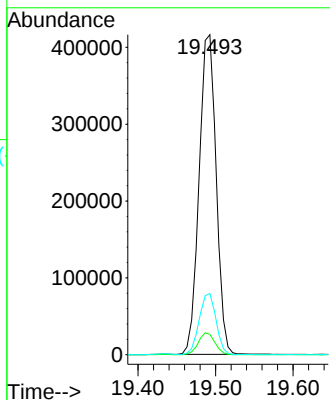
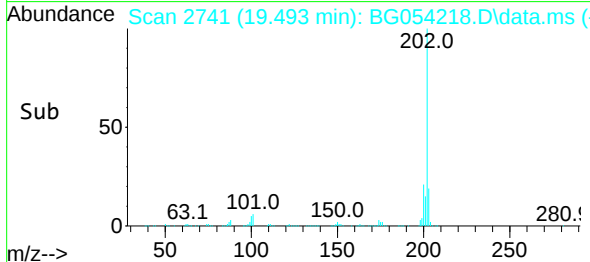
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



Tgt Ion:202 Resp: 63740
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.9
203 19.1 0.0 37.2

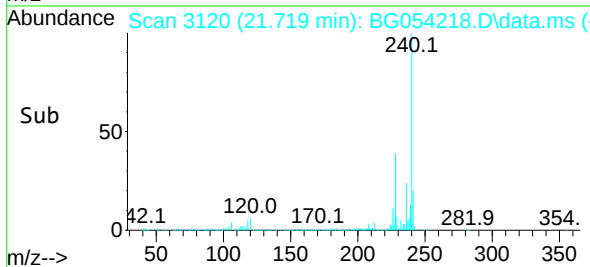
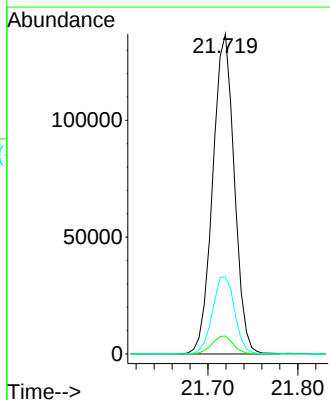
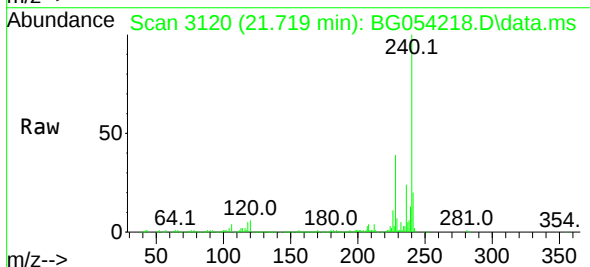
Manual Integrations
APPROVED

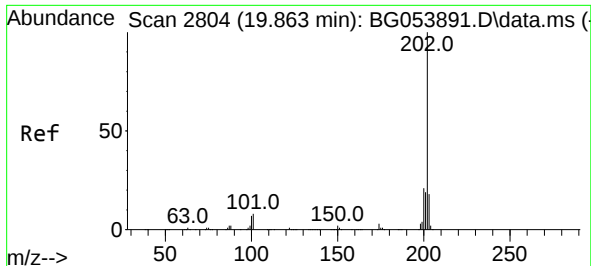
Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

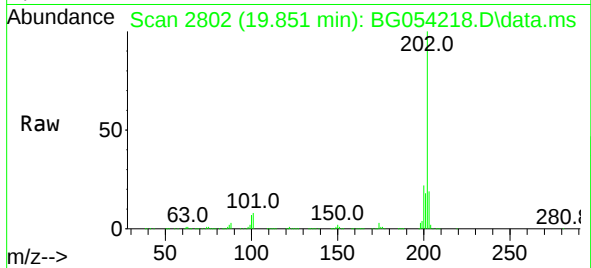
Tgt Ion:240 Resp: 228372
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.2 20.2 30.4





#78
 Pyrene
 Concen: 46.708 ng
 RT: 19.851 min Scan# 2802
 Delta R.T. 0.000 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36

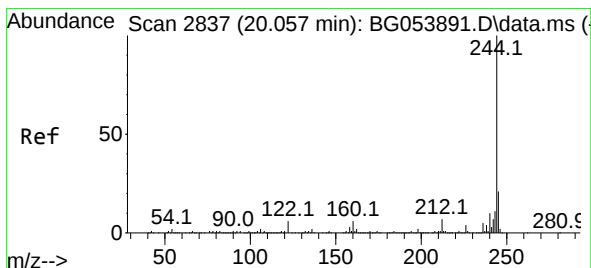
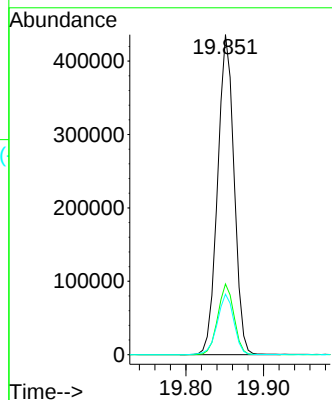
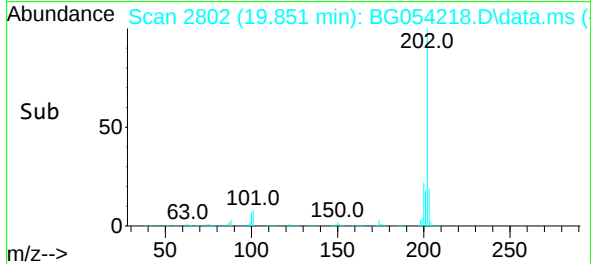
Instrument :
 BNA_G
 ClientSampleId :
 VB16128MSD



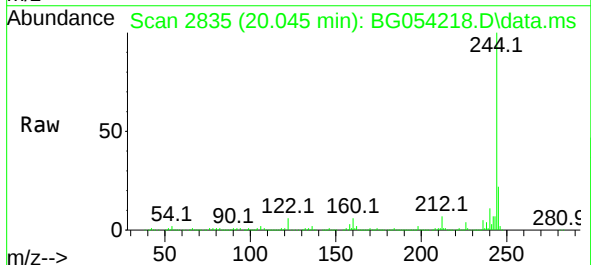
Tgt Ion:202 Resp: 64425
 Ion Ratio Lower Upper
 202 100
 200 22.1 16.6 24.8
 203 18.9 14.6 21.8

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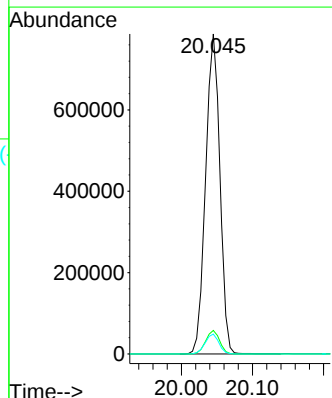
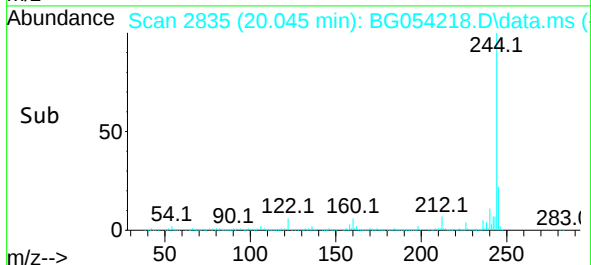
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022

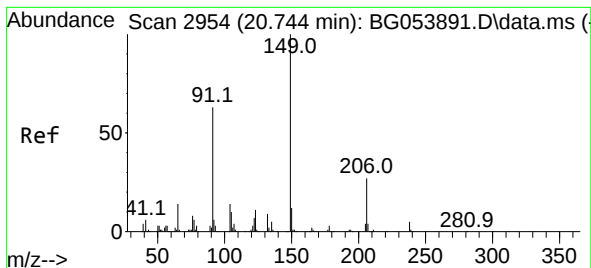


#79
 Terphenyl-d14
 Concen: 96.914 ng
 RT: 20.045 min Scan# 2835
 Delta R.T. 0.000 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36



Tgt Ion:244 Resp: 1098882
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.2 5.0 7.4





#80

Butylbenzylphthalate

Concen: 50.595 ng

RT: 20.726 min Scan# 2954

Delta R.T. -0.006 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

Tgt Ion:149 Resp: 223680

Ion Ratio Lower Upper

149 100

91 63.7 59.6 89.4

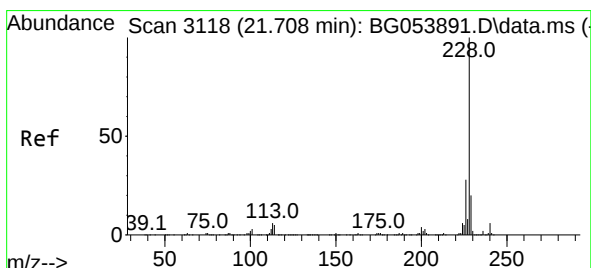
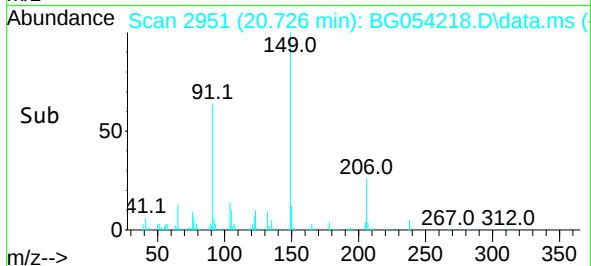
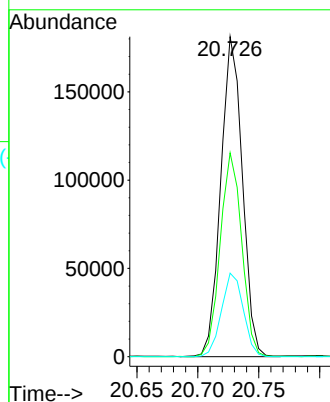
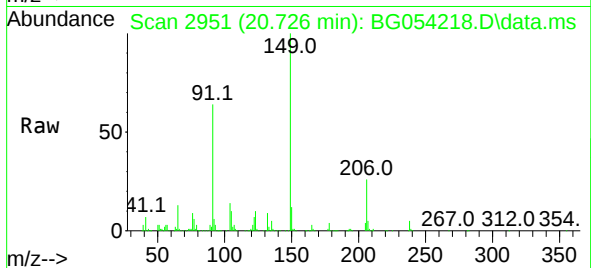
206 26.1 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#81

Benzo(a)anthracene

Concen: 46.130 ng

RT: 21.696 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

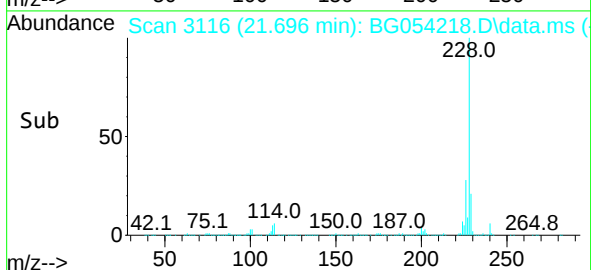
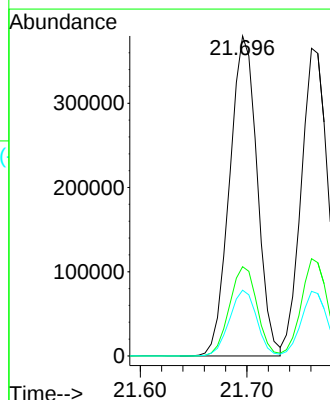
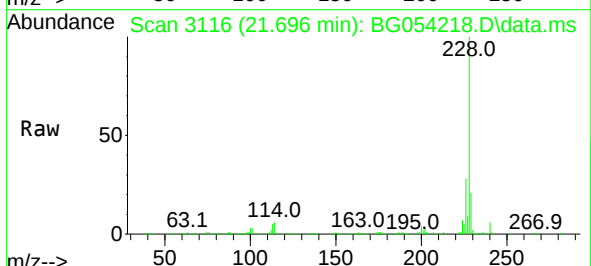
Tgt Ion:228 Resp: 682110

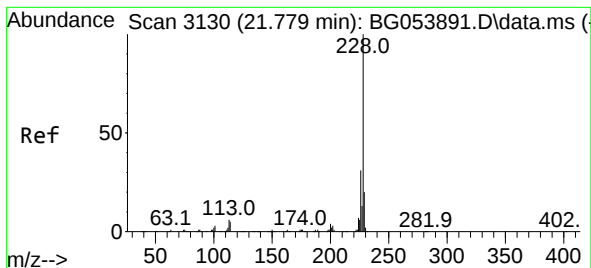
Ion Ratio Lower Upper

228 100

226 27.9 21.6 32.4

229 20.5 16.2 24.2





#83

Chrysene

Concen: 44.687 ng

RT: 21.761 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

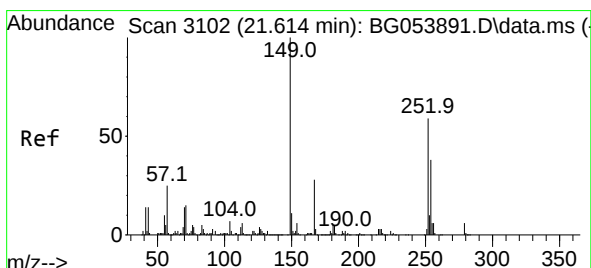
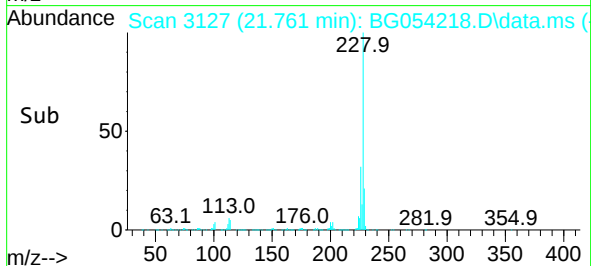
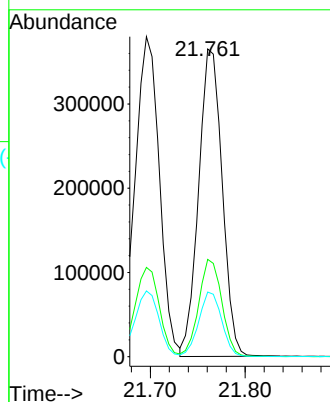
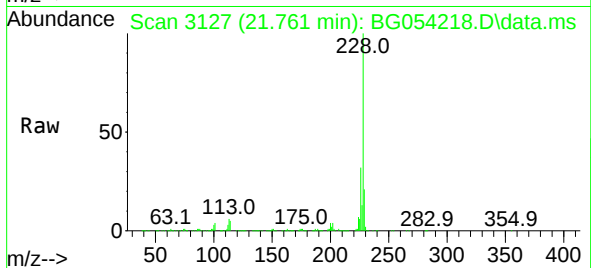
VB16128MSD

Tgt Ion:228 Resp: 62984
 Ion Ratio Lower Upper
 228 100
 226 31.6 23.4 35.2
 229 21.0 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.051 ng

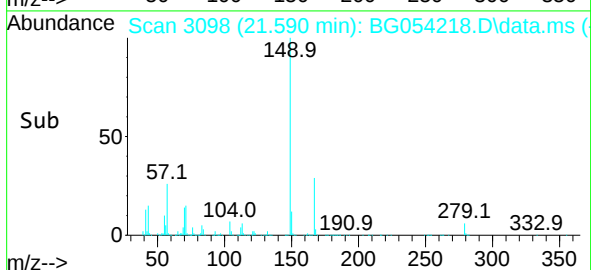
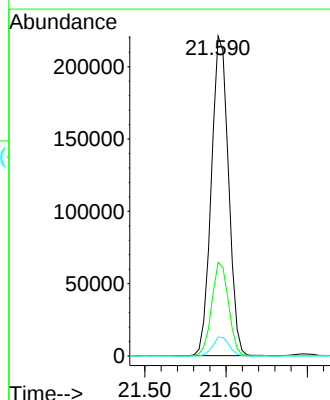
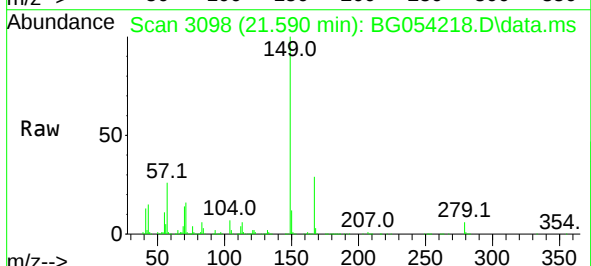
RT: 21.590 min Scan# 3098

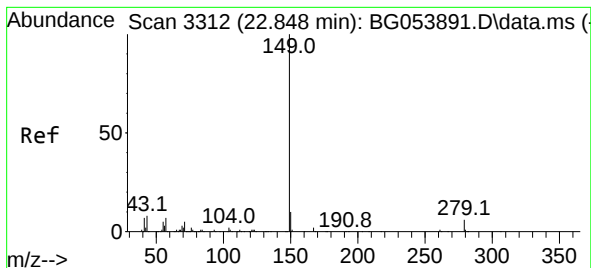
Delta R.T. -0.011 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

Tgt Ion:149 Resp: 322803
 Ion Ratio Lower Upper
 149 100
 167 29.2 20.2 30.4
 279 5.9 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 50.661 ng

RT: 22.812 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

Tgt Ion:149 Resp: 550584

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

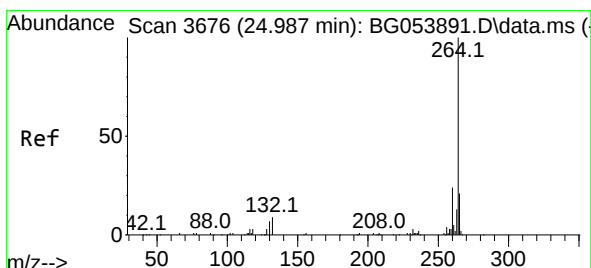
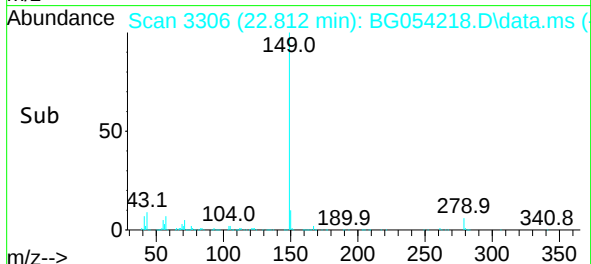
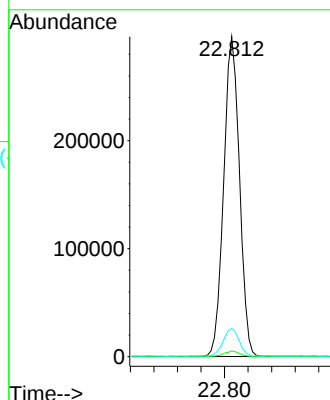
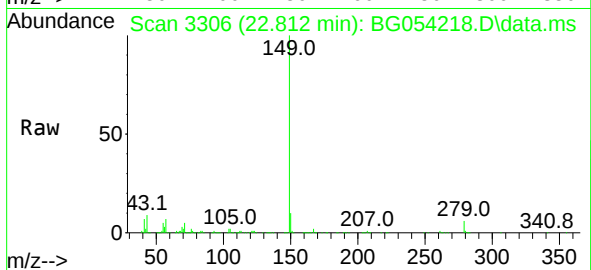
43 8.6 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.974 min Scan# 3674

Delta R.T. 0.012 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

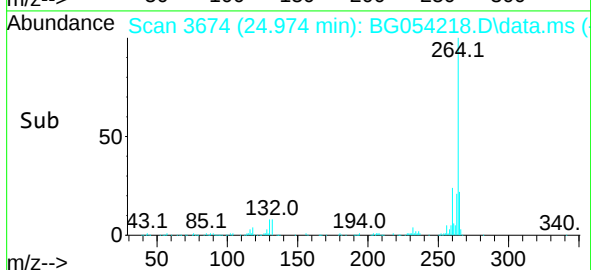
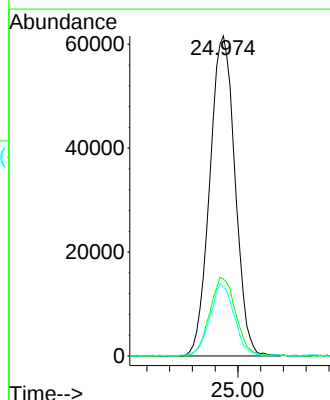
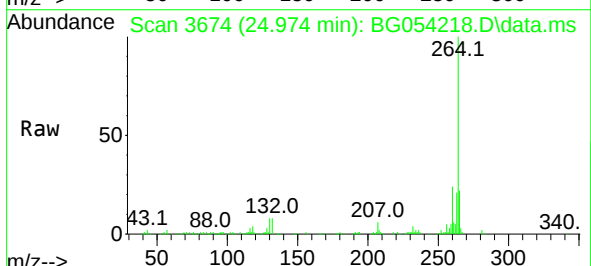
Tgt Ion:264 Resp: 189601

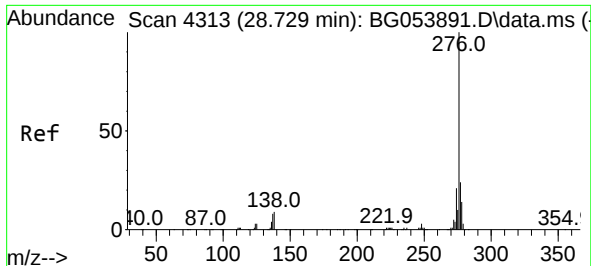
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

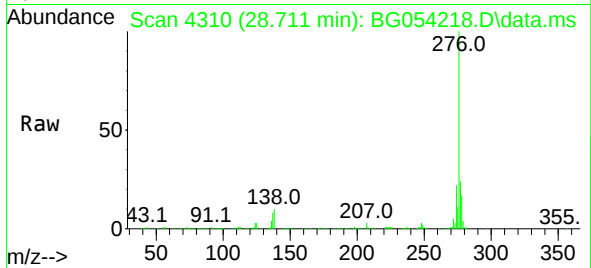
265 21.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.316 ng
 RT: 28.711 min Scan# 4313
 Delta R.T. 0.024 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36

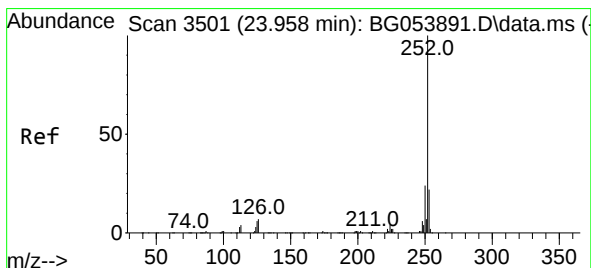
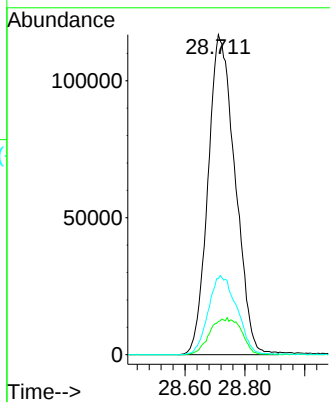
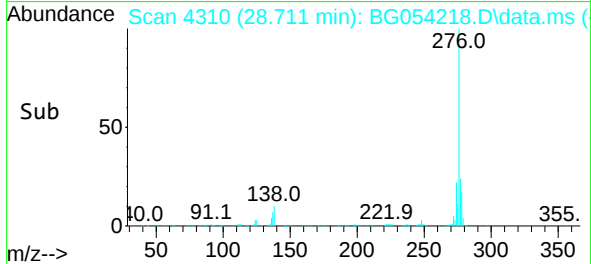
Instrument :
 BNA_G
 ClientSampleId :
 VB16128MSD



Tgt Ion:276 Resp: 73423
 Ion Ratio Lower Upper
 276 100
 138 6.8 5.0 7.4
 277 25.9 20.3 30.5

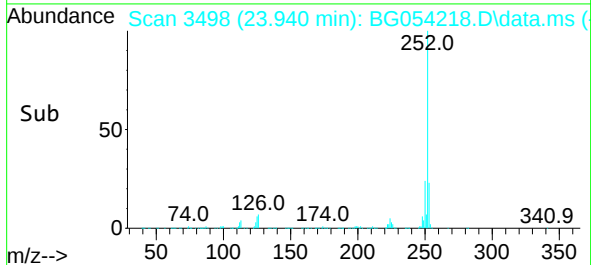
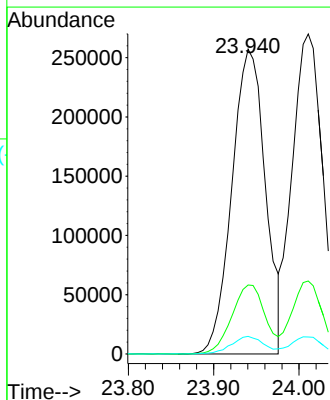
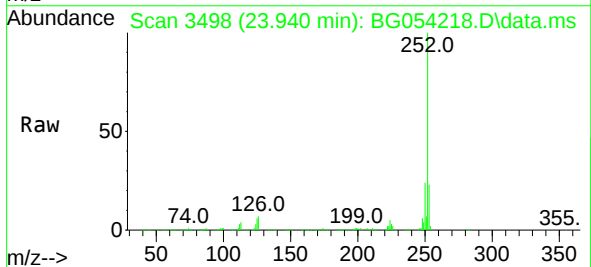
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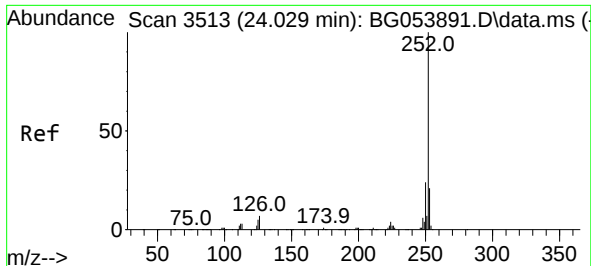
Reviewed By :Christian Giraldo 07/07/2022
 Supervised By :Jagrut Upadhyay 07/07/2022



#88
 Benzo(b)fluoranthene
 Concen: 60.827 ng
 RT: 23.940 min Scan# 3498
 Delta R.T. 0.006 min
 Lab File: BG054218.D
 Acq: 6 Jul 2022 13:36

Tgt Ion:252 Resp: 701226
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 5.8 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 58.528 ng

RT: 24.011 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

Instrument :

BNA_G

ClientSampleId :

VB16128MSD

Tgt Ion:252 Resp: 668030

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

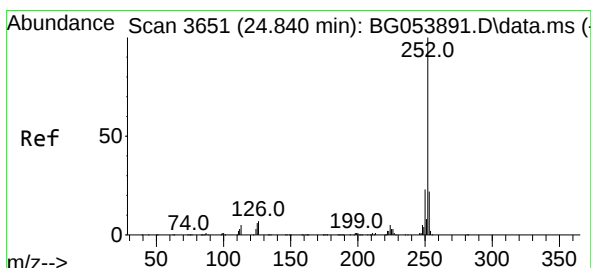
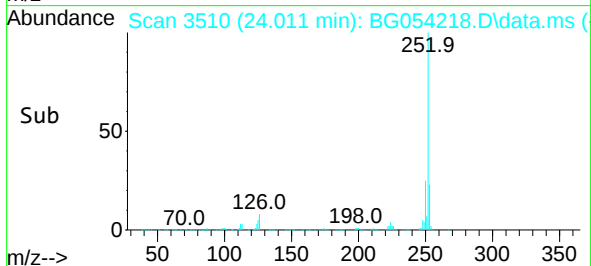
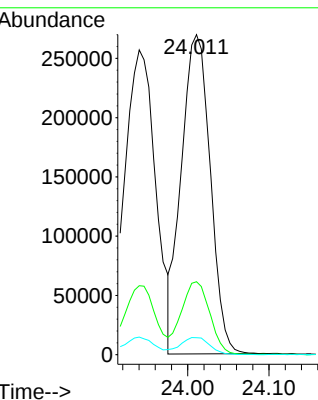
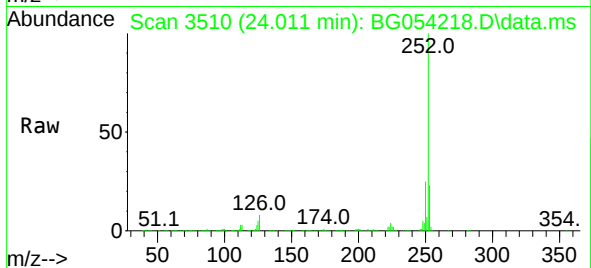
125 5.3 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/07/2022

Supervised By :Jagrut Upadhyay 07/07/2022



#90

Benzo(a)pyrene

Concen: 58.586 ng

RT: 24.822 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG054218.D

Acq: 6 Jul 2022 13:36

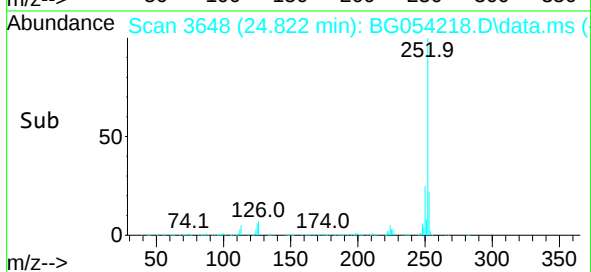
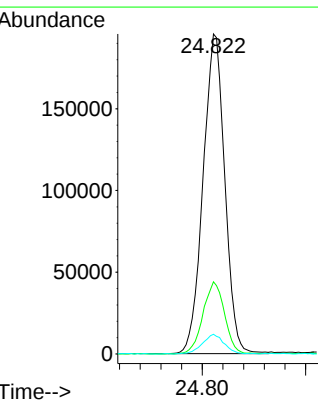
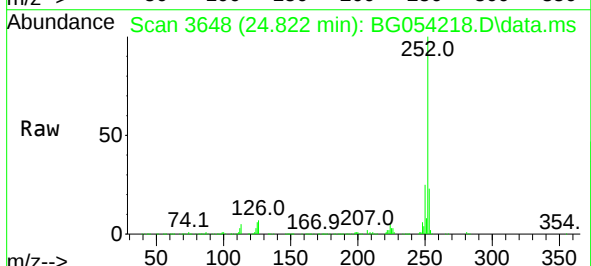
Tgt Ion:252 Resp: 569853

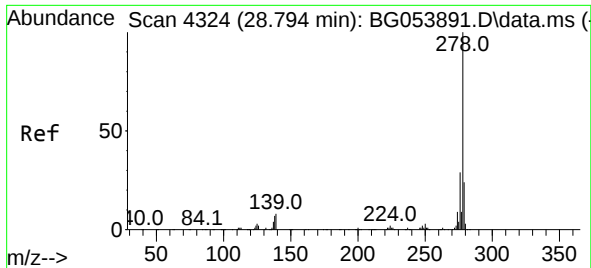
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

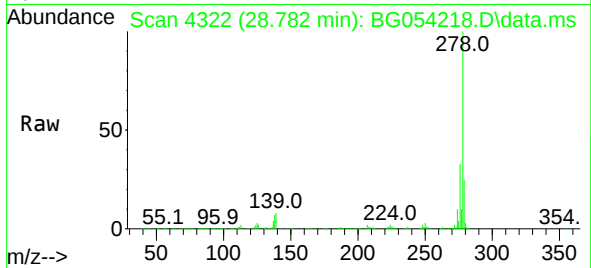
125 6.1 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 57.327 ng
RT: 28.782 min Scan# 41
Delta R.T. 0.036 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36

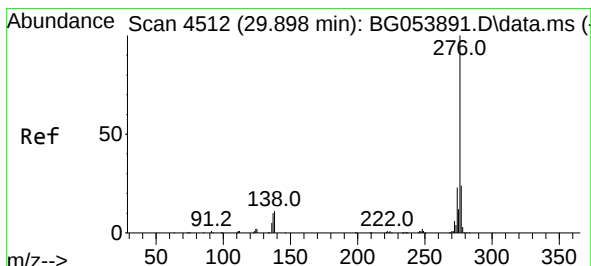
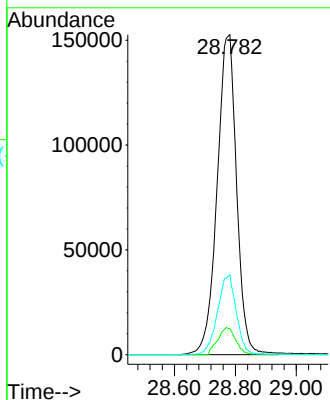
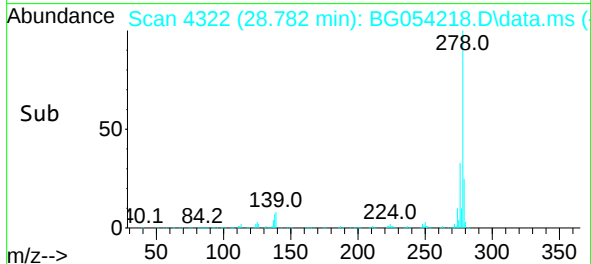
Instrument :
BNA_G
ClientSampleId :
VB16128MSD



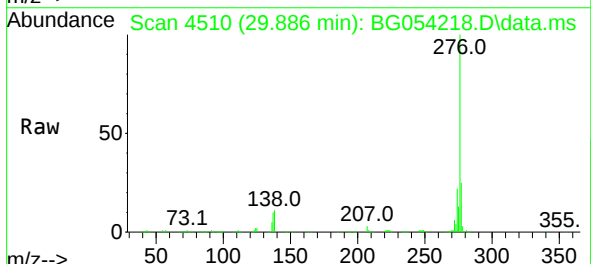
Tgt Ion:278 Resp: 678278
Ion Ratio Lower Upper
278 100
139 8.2 7.2 10.8
279 25.1 18.6 27.8

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Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022



#92
Benzo(g,h,i)perylene
Concen: 51.509 ng
RT: 29.886 min Scan# 4510
Delta R.T. 0.024 min
Lab File: BG054218.D
Acq: 6 Jul 2022 13:36



Tgt Ion:276 Resp: 601442
Ion Ratio Lower Upper
276 100
277 25.0 17.3 25.9
138 11.5 9.6 14.4

