

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
 Data File : BG052539.D
 Acq On : 2 Mar 2022 16:26
 Operator : CG/JU
 Sample : N1719-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TT-148-IDWSO-20220228MSD

Quant Time: Mar 03 02:26:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/03/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	32235	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	126658	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	85729	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	206640	20.000	ng	0.00
76) Chrysene-d12	21.934	240	202116	20.000	ng	0.00
86) Perylene-d12	25.400	264	215837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	249249	134.762	ng	0.00
7) Phenol-d6	7.371	99	351000	122.996	ng	0.00
23) Nitrobenzene-d5	9.398	82	229261	78.668	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	161004	130.724	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	516613	83.735	ng	0.00
79) Terphenyl-d14	20.213	244	881971	77.057	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	32835	38.555	ng	93
3) Pyridine	3.993	79	85175	34.484	ng	90
4) n-Nitrosodimethylamine	3.899	42	50182	39.346	ng	# 76
6) Aniline	7.536	93	81773	24.664	ng	95
8) 2-Chlorophenol	7.782	128	100755	49.520	ng	95
9) Benzaldehyde	7.342	77	69645	44.305	ng	93
10) Phenol	7.400	94	142347	50.203	ng	91
11) bis(2-Chloroethyl)ether	7.624	93	92772	42.805	ng	93
12) 1,3-Dichlorobenzene	8.111	146	108232	46.688	ng	92
13) 1,4-Dichlorobenzene	8.258	146	109309	46.254	ng	95
14) 1,2-Dichlorobenzene	8.581	146	104078	44.655	ng	95
15) Benzyl Alcohol	8.458	79	102946	43.466	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.746	45	122318	39.083	ng	95
17) 2-Methylphenol	8.663	107	88920	47.524	ng	93
18) Hexachloroethane	9.321	117	37484	45.615	ng	96
19) n-Nitroso-di-n-propyla...	9.028	70	83404	38.767	ng	# 91
20) 3+4-Methylphenols	8.992	107	122086	45.608	ng	94
22) Acetophenone	9.045	105	149012	44.514	ng	94
24) Nitrobenzene	9.439	77	126141	45.630	ng	92
25) Isophorone	9.962	82	229274	46.237	ng	98
26) 2-Nitrophenol	10.156	139	56494	48.215	ng	# 86
27) 2,4-Dimethylphenol	10.208	122	99001	57.067	ng	91
28) bis(2-Chloroethoxy)met...	10.438	93	124978	44.411	ng	98
29) 2,4-Dichlorophenol	10.702	162	103787	49.912	ng	98
30) 1,2,4-Trichlorobenzene	10.919	180	110942	45.690	ng	97
31) Naphthalene	11.113	128	307201	46.265	ng	94
32) Benzoic acid	10.361	122	47864	43.334	ng	92
33) 4-Chloroaniline	11.213	127	39643	14.300	ng	96
34) Hexachlorobutadiene	11.395	225	71891	43.840	ng	97
35) Caprolactam	11.982	113	34927m	46.090	ng	
36) 4-Chloro-3-methylphenol	12.329	107	112347	47.490	ng	99
37) 2-Methylnaphthalene	12.705	142	218474	44.299	ng	98
38) 1-Methylnaphthalene	12.922	142	211779	44.315	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.075	216	132616	47.031	ng	99
41) Hexachlorocyclopentadiene	13.052	237	130774	95.212	ng	96
43) 2,4,6-Trichlorophenol	13.310	196	92483	50.149	ng	98

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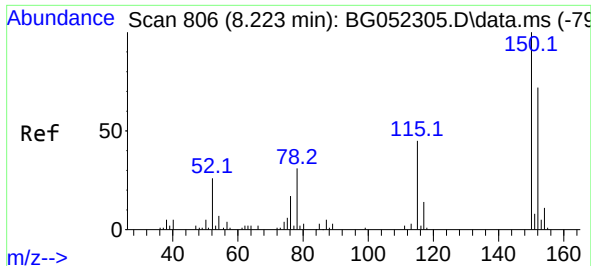
Quant Time: Mar 03 02:26:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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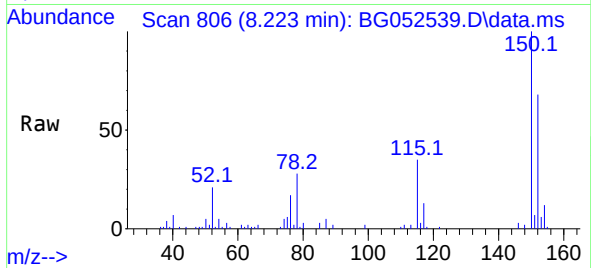
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.386	196	99731	49.903	ng	92
46) 1,1'-Biphenyl	13.698	154	304282	48.404	ng	99
47) 2-Chloronaphthalene	13.751	162	232669	48.040	ng	98
48) 2-Nitroaniline	13.945	65	81039	46.999	ng	92
49) Acenaphthylene	14.591	152	397442	50.411	ng	100
50) Dimethylphthalate	14.309	163	307442	46.814	ng	100
51) 2,6-Dinitrotoluene	14.432	165	72663	51.273	ng	# 83
52) Acenaphthene	14.931	154	276637m	53.577	ng	
53) 3-Nitroaniline	14.761	138	30432	20.659	ng	99
54) 2,4-Dinitrophenol	14.973	184	84407	95.186	ng	97
55) Dibenzofuran	15.266	168	369512	45.506	ng	99
56) 4-Nitrophenol	15.078	139	112941	102.095	ng	# 82
57) 2,4-Dinitrotoluene	15.219	165	101164	50.154	ng	# 84
58) Fluorene	15.912	166	309534	47.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.490	232	92712	48.561	ng	96
60) Diethylphthalate	15.666	149	317464	47.853	ng	98
61) 4-Chlorophenyl-phenyle...	15.895	204	168844	45.726	ng	98
62) 4-Nitroaniline	15.930	138	70976	45.768	ng	# 83
63) Azobenzene	16.189	77	298733	43.986	ng	93
65) 4,6-Dinitro-2-methylph...	15.989	198	61478	49.456	ng	86
66) n-Nitrosodiphenylamine	16.112	169	275924	48.463	ng	98
67) 4-Bromophenyl-phenylether	16.794	248	116443	46.337	ng	94
68) Hexachlorobenzene	16.929	284	126382	46.369	ng	# 92
69) Atrazine	17.052	200	115020	49.969	ng	93
70) Pentachlorophenol	17.269	266	141483	106.106	ng	97
71) Phenanthrene	17.657	178	499851	46.924	ng	98
72) Anthracene	17.751	178	505087	48.386	ng	99
73) Carbazole	18.015	167	470545	46.218	ng	98
74) Di-n-butylphthalate	18.556	149	549876	49.571	ng	98
75) Fluoranthene	19.660	202	628228	46.316	ng	99
77) Benzidine	19.831	184	276773	64.086	ng	100
78) Pyrene	20.025	202	629624	46.555	ng	99
80) Butylbenzylphthalate	20.894	149	235690	50.170	ng	93
81) Benzo(a)anthracene	21.916	228	643656	48.124	ng	98
82) 3,3'-Dichlorobenzidine	21.810	252	101996	21.844	ng	96
83) Chrysene	21.987	228	590237	46.570	ng	100
84) Bis(2-ethylhexyl)phtha...	21.787	149	335561	51.513	ng	98
85) Di-n-octyl phthalate	23.079	149	581941	53.284	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.412	276	739036	46.791	ng	# 94
88) Benzo(b)fluoranthene	24.295	252	687857	51.142	ng	99
89) Benzo(k)fluoranthene	24.372	252	642559	48.361	ng	99
90) Benzo(a)pyrene	25.241	252	656663	57.796	ng	99
91) Dibenzo(a,h)anthracene	29.476	278	641365	49.156	ng	98
92) Benzo(g,h,i)perylene	30.663	276	636784	49.730	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

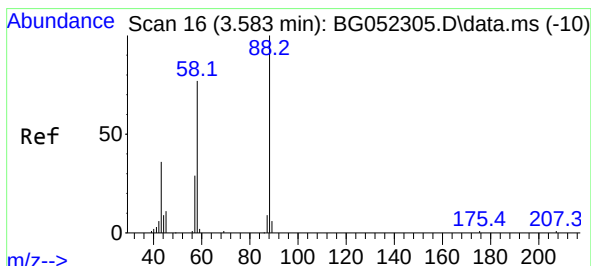
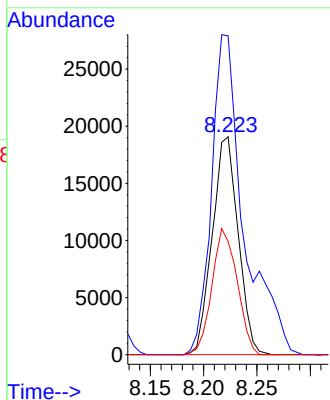
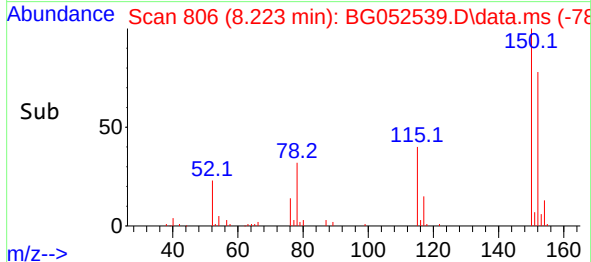
Instrument : BNA_G
ClientSampleId : TT-148-IDWSO-20220228MSD



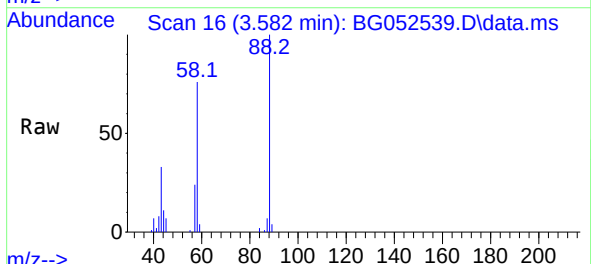
Tgt Ion:152 Resp: 32235
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 51.9 50.2 75.2

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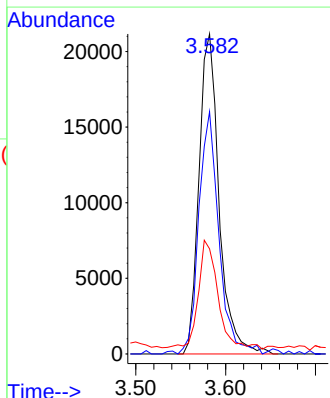
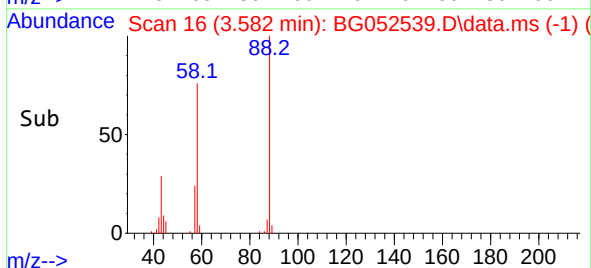
Reviewed By :Christian Giraldo 03/03/2022
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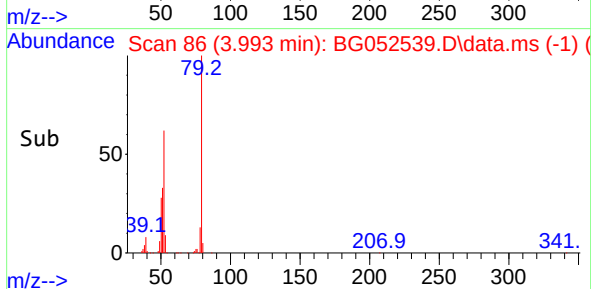
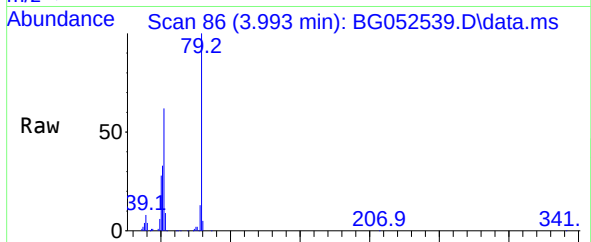
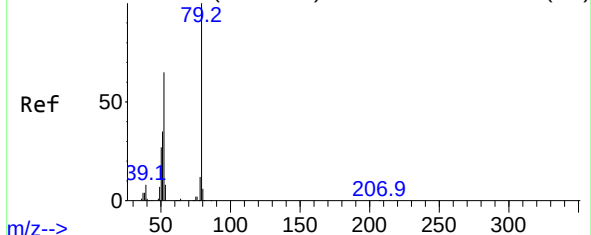
#2
1,4-Dioxane
Concen: 38.555 ng
RT: 3.582 min Scan# 16
Delta R.T. -0.001 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



Tgt Ion: 88 Resp: 32835
Ion Ratio Lower Upper
88 100
58 76.2 65.8 98.8
43 34.0 31.6 47.4



Abundance Scan 86 (3.994 min): BG052305.D\data.ms (-81)



#3

Pyridine

Concen: 34.484 ng

RT: 3.993 min Scan# 80

Delta R.T. -0.000 min

Lab File: BG052539.D

Acq: 2 Mar 2022 16:26

Instrument :

BNA_G

ClientSampleId :

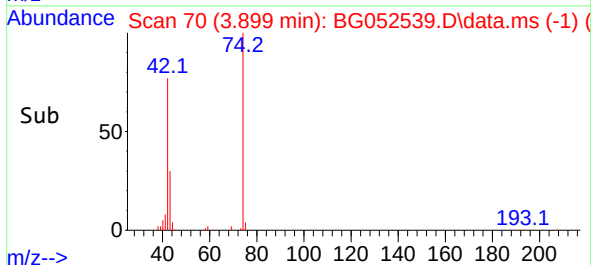
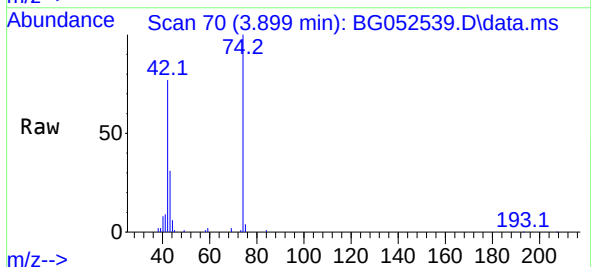
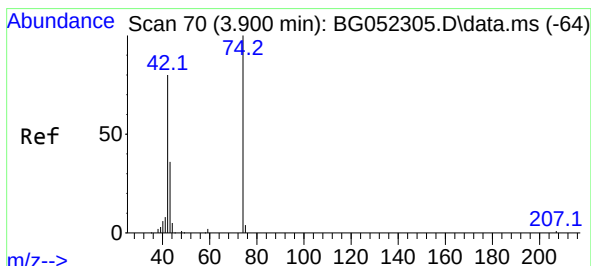
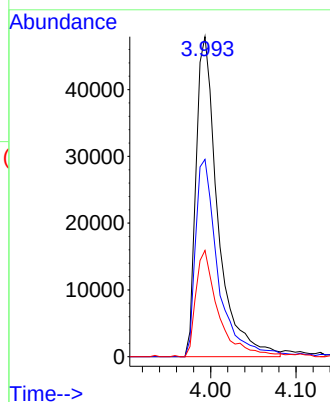
TT-148-IDWSO-20220228MSD

Tgt Ion: 79	Resp: 8517
Ion Ratio	Lower Upper
79 100	
52 61.7	55.0 82.6
51 33.2	32.5 48.7

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#4

n-Nitrosodimethylamine

Concen: 39.346 ng

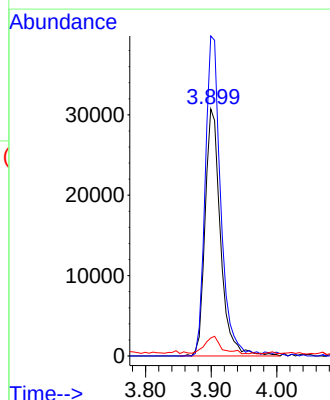
RT: 3.899 min Scan# 70

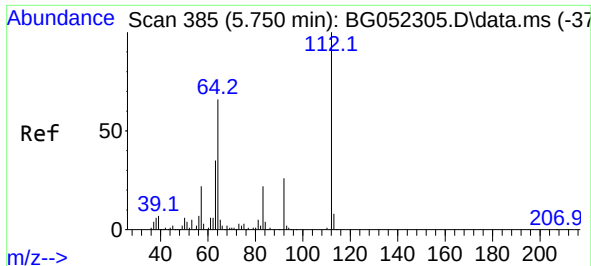
Delta R.T. -0.000 min

Lab File: BG052539.D

Acq: 2 Mar 2022 16:26

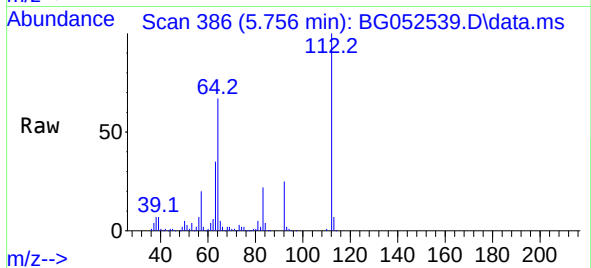
Tgt Ion: 42	Resp: 50182
Ion Ratio	Lower Upper
42 100	
74 129.5	83.0 124.4
44 7.3	5.0 7.6





#5
2-Fluorophenol
Concen: 134.762 ng
RT: 5.756 min Scan# 385
Delta R.T. 0.005 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

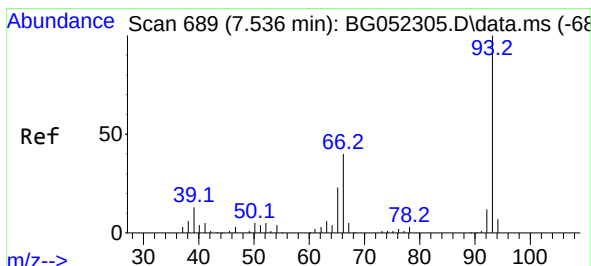
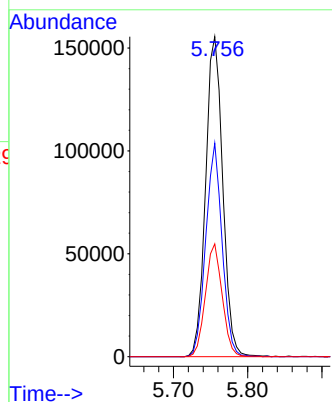
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:112 Resp: 249249
Ion Ratio Lower Upper
112 100
64 66.7 60.4 90.6
63 35.2 33.3 49.9

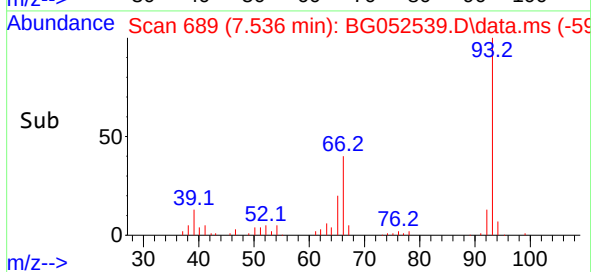
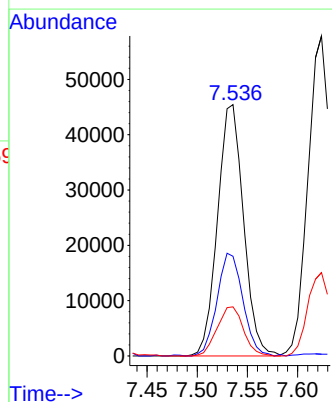
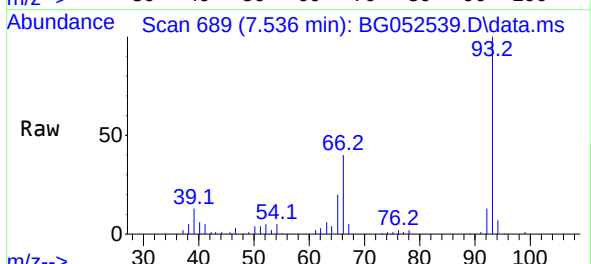
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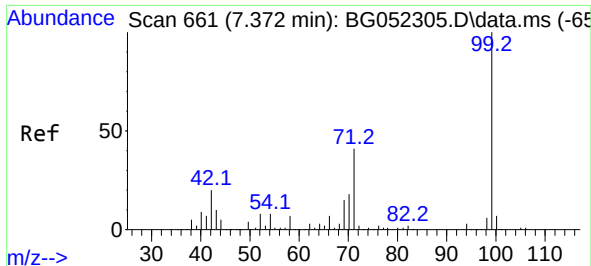
Reviewed By :Christian Giraldo 03/03/2022
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#6
Aniline
Concen: 24.664 ng
RT: 7.536 min Scan# 689
Delta R.T. -0.001 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

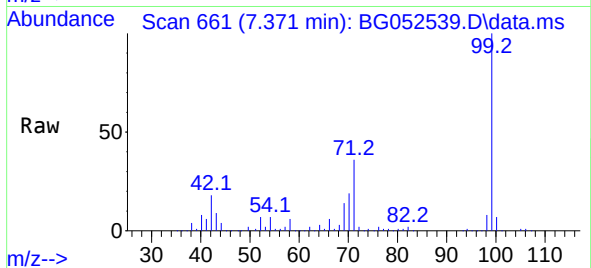
Tgt Ion: 93 Resp: 81773
Ion Ratio Lower Upper
93 100
66 39.7 34.3 51.5
65 19.5 17.6 26.4





#7
Phenol-d6
Concen: 122.996 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

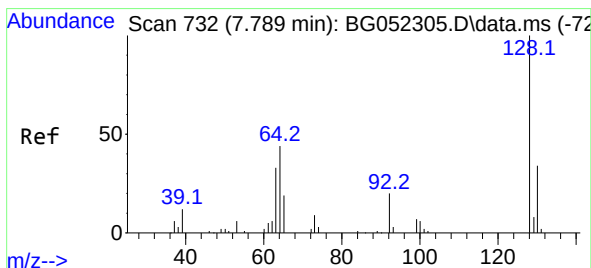
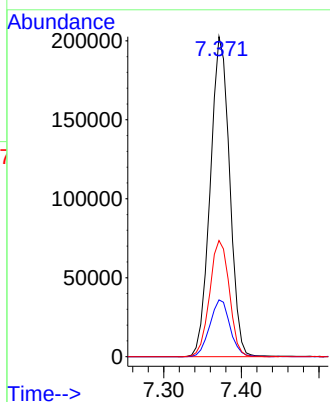
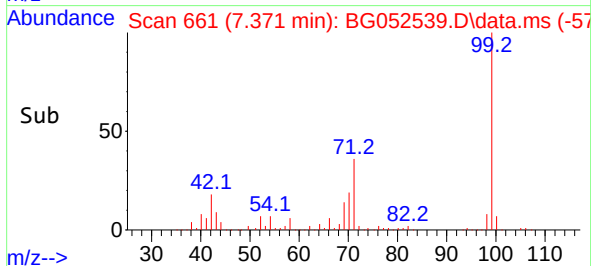
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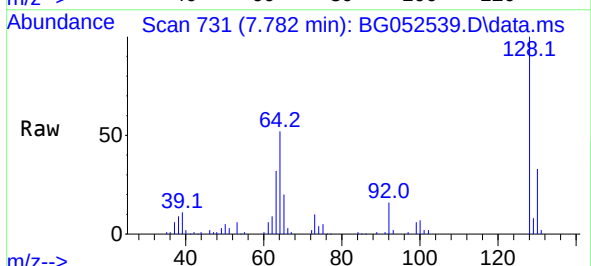
Tgt Ion: 99 Resp: 351000
Ion Ratio Lower Upper
99 100
42 17.7 19.1 28.7
71 36.3 33.4 50.2

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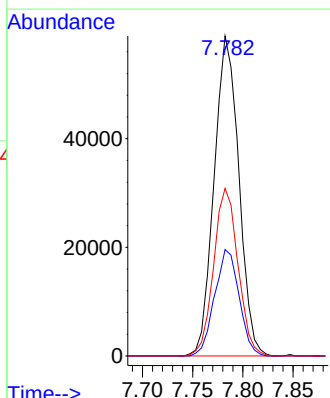
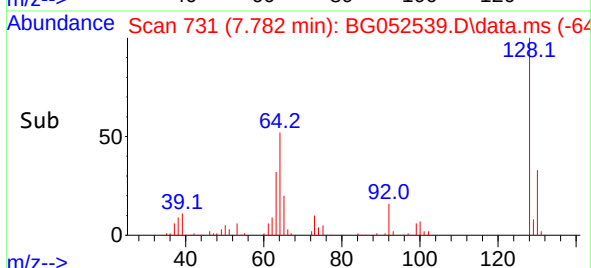
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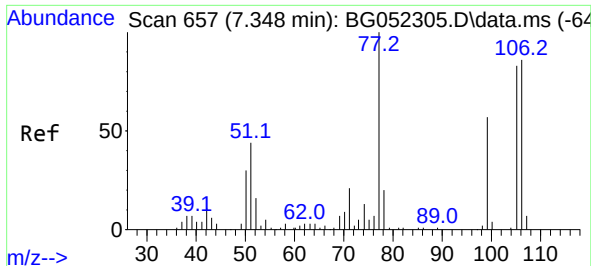


#8
2-Chlorophenol
Concen: 49.520 ng
RT: 7.782 min Scan# 731
Delta R.T. -0.007 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



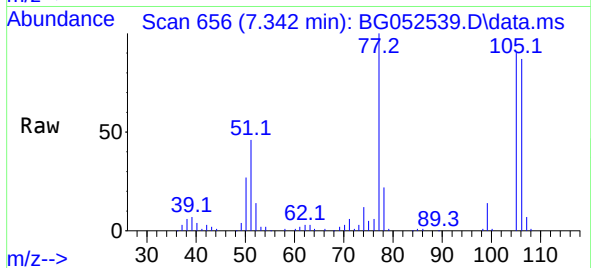
Tgt Ion:128 Resp: 100755
Ion Ratio Lower Upper
128 100
130 33.2 13.6 53.6
64 52.4 37.8 77.8





#9
Benzaldehyde
Concen: 44.305 ng
RT: 7.342 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

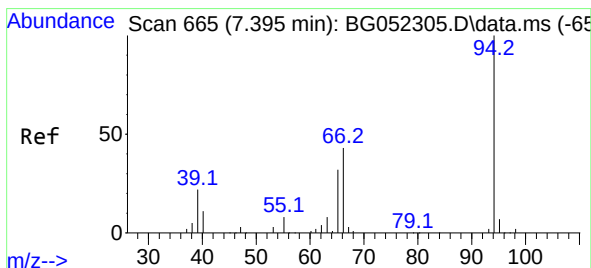
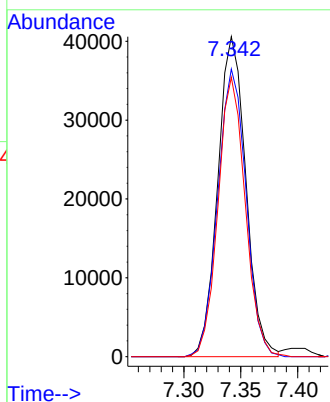
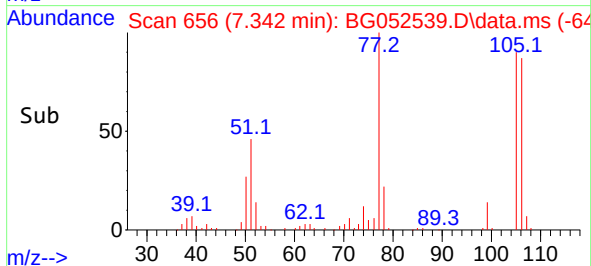
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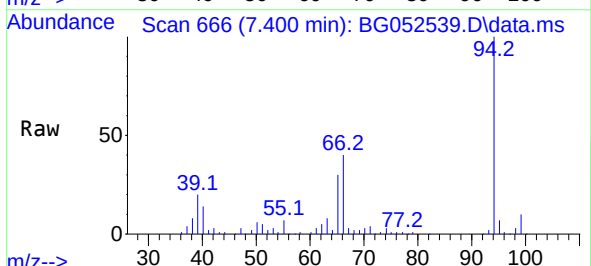
Tgt Ion: 77 Resp: 6964
Ion Ratio Lower Upper
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105 89.9 66.1 106.1
106 87.3 58.1 98.1

Manual Integrations
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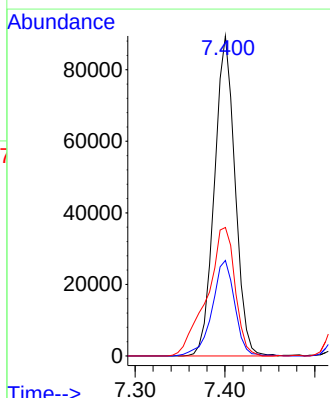
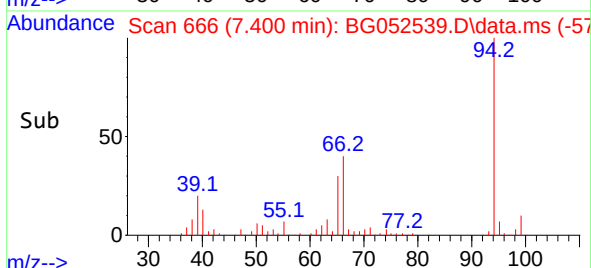
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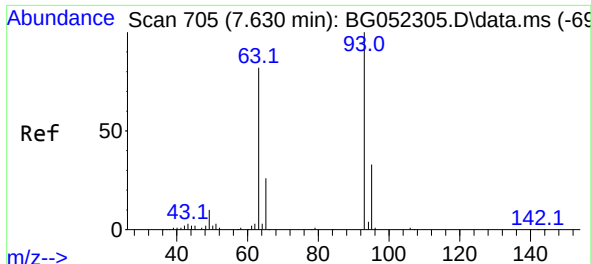


#10
Phenol
Concen: 50.203 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.005 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



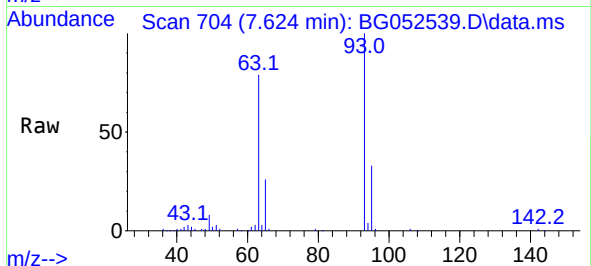
Tgt Ion: 94 Resp: 142347
Ion Ratio Lower Upper
94 100
65 29.9 14.1 54.1
66 40.1 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 42.805 ng
RT: 7.624 min Scan# 705
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

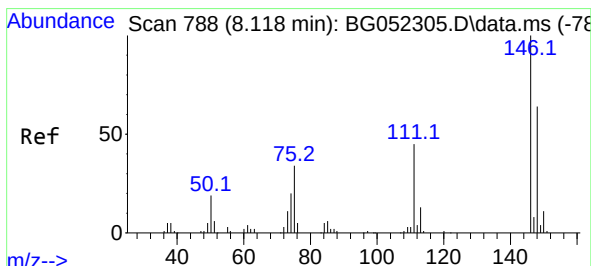
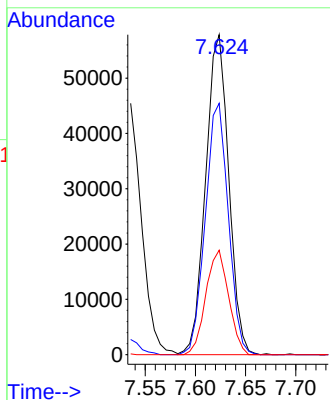
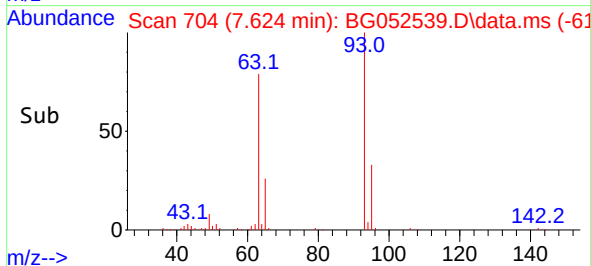
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion: 93 Resp: 92772
Ion Ratio Lower Upper
93 100
63 78.5 67.1 107.1
95 32.6 13.0 53.0

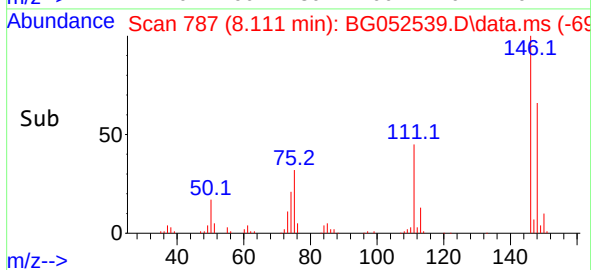
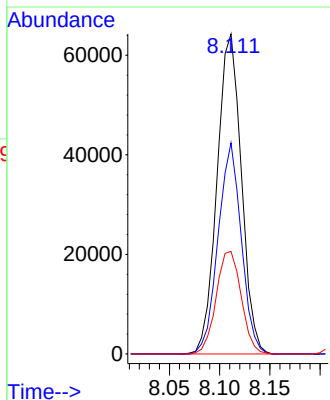
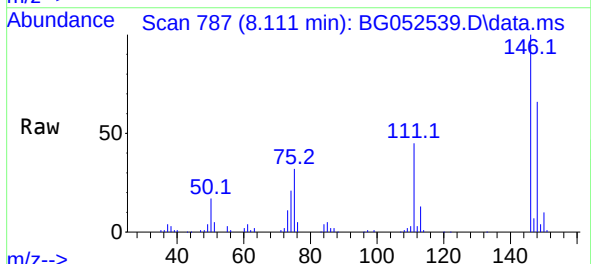
Manual Integrations
APPROVED

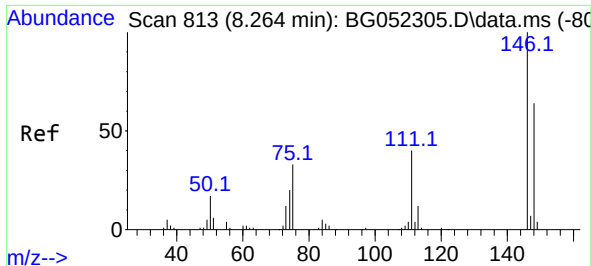
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#12
1,3-Dichlorobenzene
Concen: 46.688 ng
RT: 8.111 min Scan# 787
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

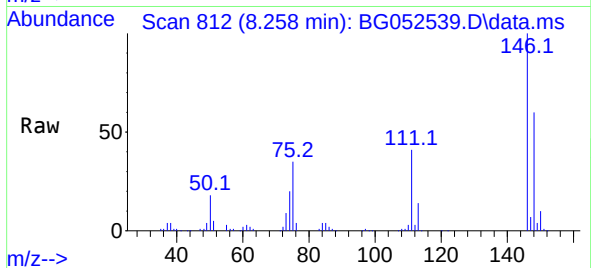
Tgt Ion:146 Resp: 108232
Ion Ratio Lower Upper
146 100
148 65.9 49.1 73.7
75 32.0 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 46.254 ng
RT: 8.258 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

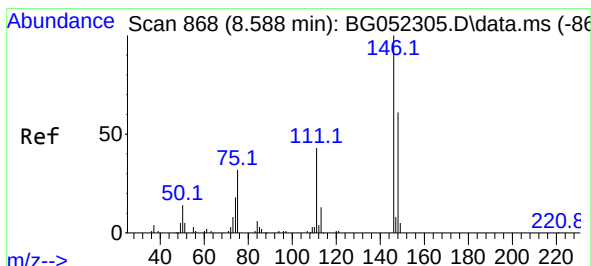
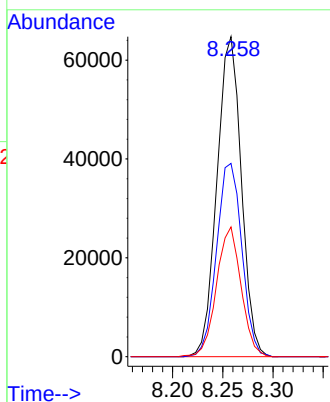
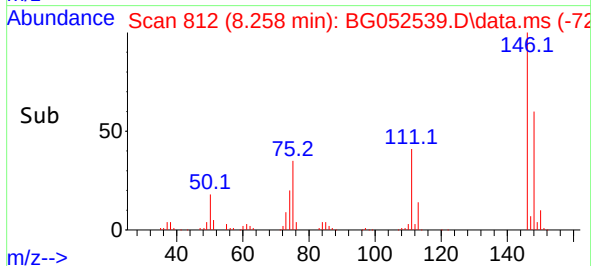
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



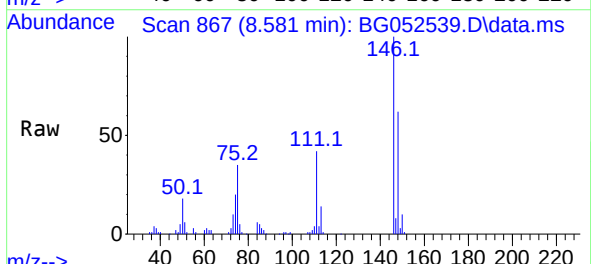
Tgt Ion:146 Resp: 109309
Ion Ratio Lower Upper
146 100
148 60.4 52.6 78.8
111 40.6 33.8 50.8

Manual Integrations
APPROVED

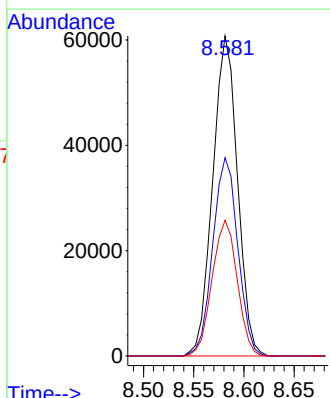
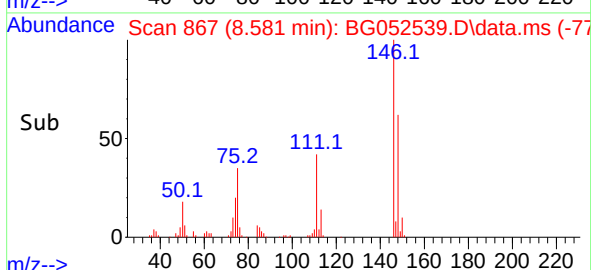
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

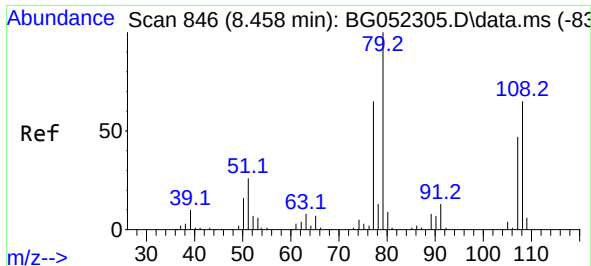


#14
1,2-Dichlorobenzene
Concen: 44.655 ng
RT: 8.581 min Scan# 867
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



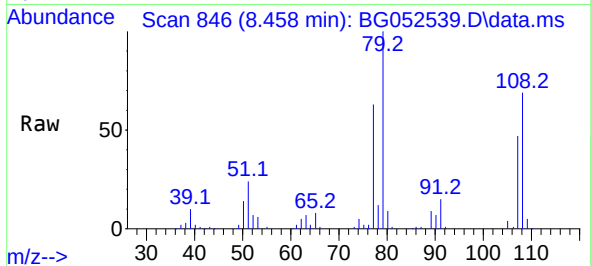
Tgt Ion:146 Resp: 104078
Ion Ratio Lower Upper
146 100
148 61.9 46.5 69.7
111 42.4 37.0 55.4





#15
Benzyl Alcohol
Concen: 43.466 ng
RT: 8.458 min Scan# 846
Delta R.T. -0.001 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

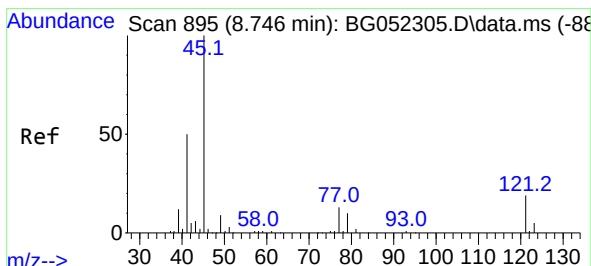
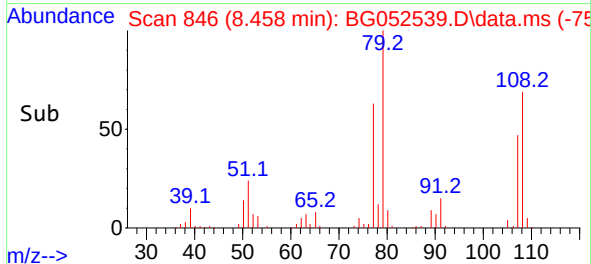
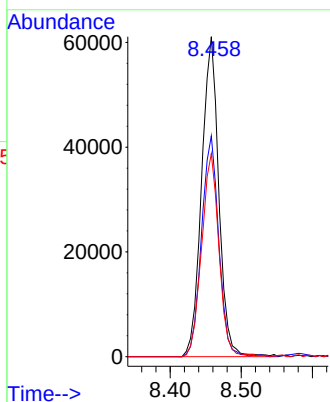
Instrument : BNA_G
ClientSampleId : TT-148-IDWSO-20220228MSD



Tgt Ion: 79 Resp: 102940
Ion Ratio Lower Upper
79 100
108 69.0 53.8 80.6
77 63.4 54.4 81.6

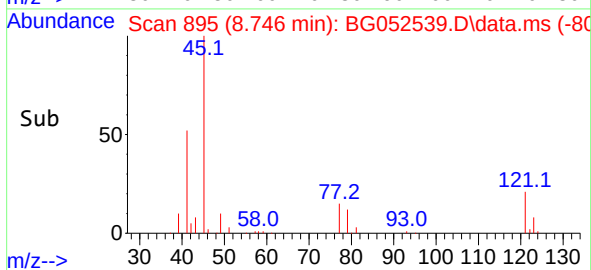
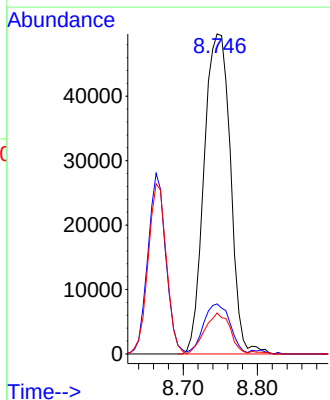
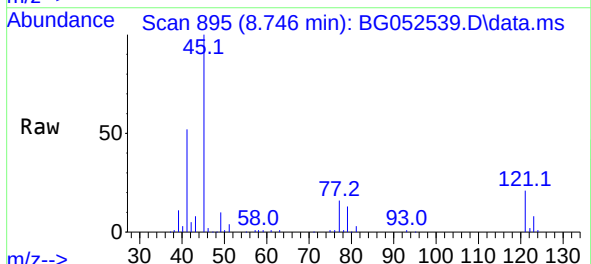
Manual Integrations
APPROVED

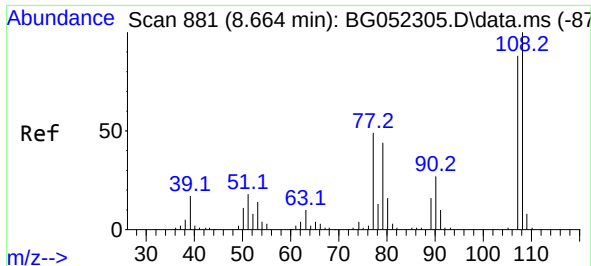
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.083 ng
RT: 8.746 min Scan# 895
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

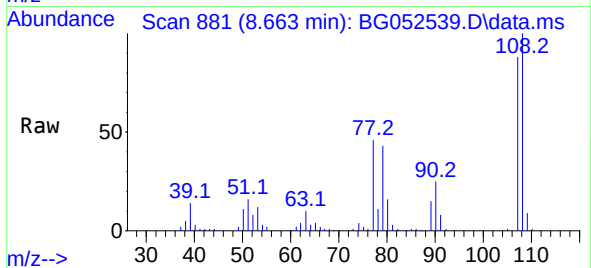
Tgt Ion: 45 Resp: 122318
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.8
79 12.8 0.0 31.1





#17
2-Methylphenol
Concen: 47.524 ng
RT: 8.663 min Scan# 881
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

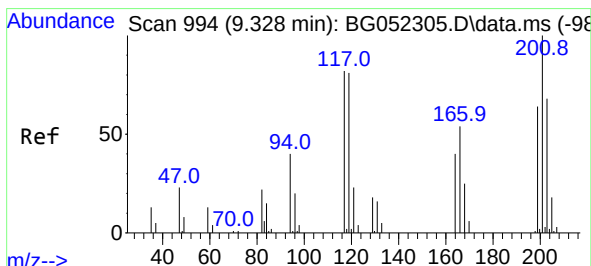
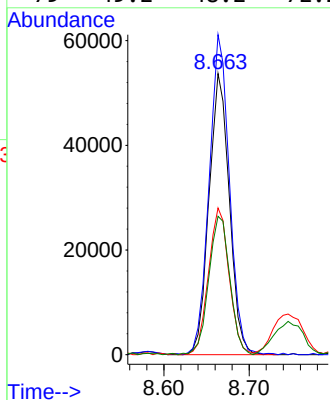
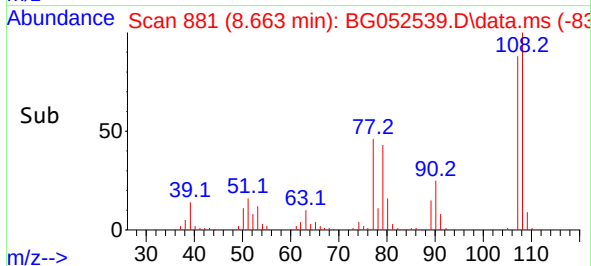
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:107 Resp: 88920
Ion Ratio Lower Upper
107 100
108 113.8 90.3 135.5
77 52.2 49.0 73.6
79 49.2 48.2 72.2

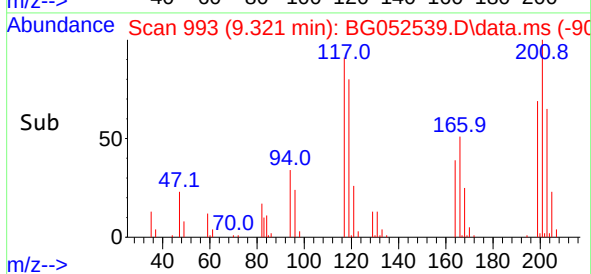
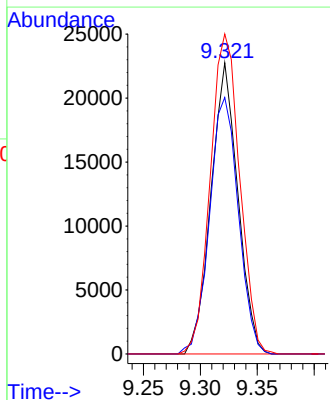
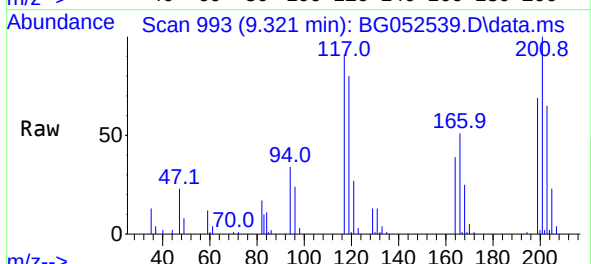
Manual Integrations
APPROVED

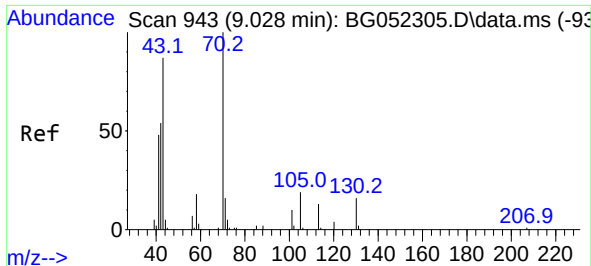
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#18
Hexachloroethane
Concen: 45.615 ng
RT: 9.321 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

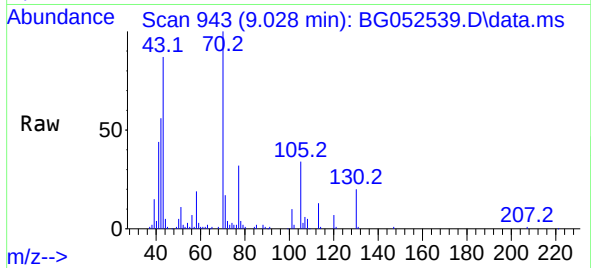
Tgt Ion:117 Resp: 37484
Ion Ratio Lower Upper
117 100
119 88.1 73.5 110.3
201 109.9 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 38.767 ng
RT: 9.028 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

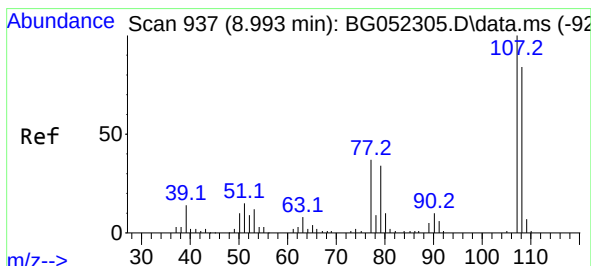
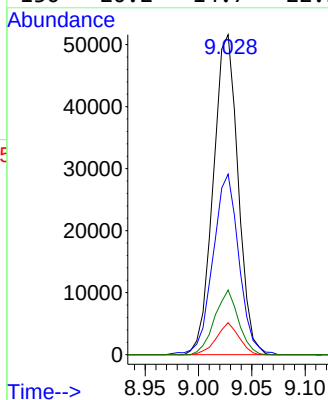
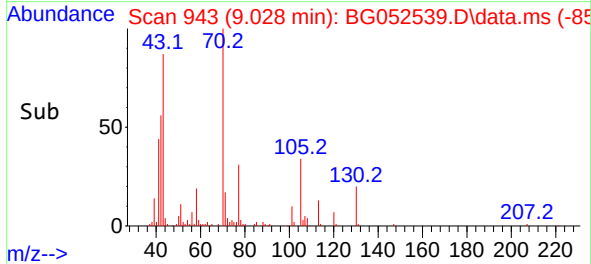
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



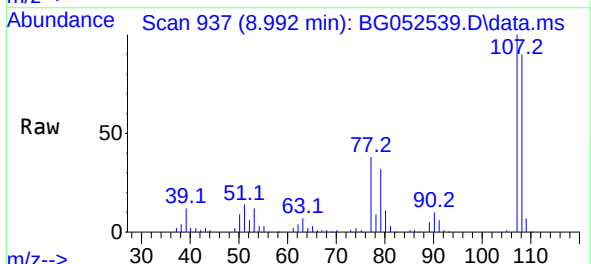
Tgt Ion: 70 Resp: 83404
Ion Ratio Lower Upper
70 100
42 56.4 51.8 77.6
101 10.0 6.6 10.0
130 20.2 14.7 22.1

Manual Integrations
APPROVED

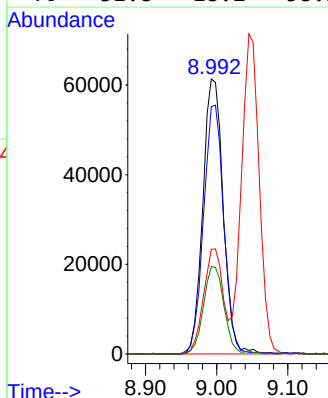
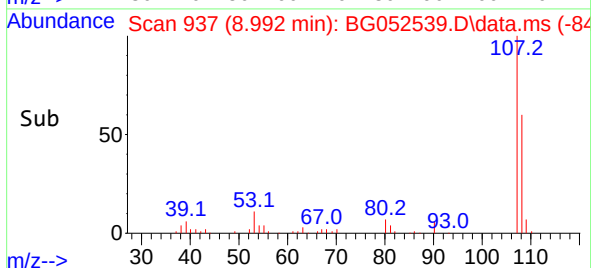
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

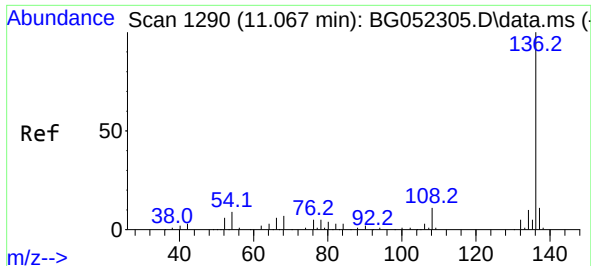


#20
3+4-Methylphenols
Concen: 45.608 ng
RT: 8.992 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



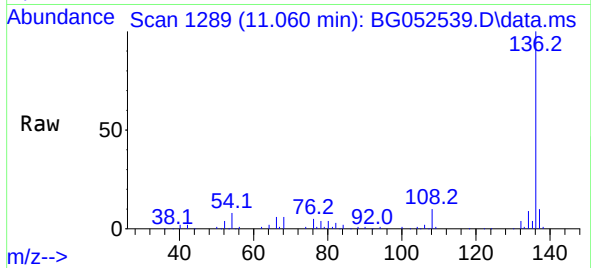
Tgt Ion:107 Resp: 122086
Ion Ratio Lower Upper
107 100
108 89.9 71.9 111.9
77 38.0 24.6 64.6
79 31.8 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

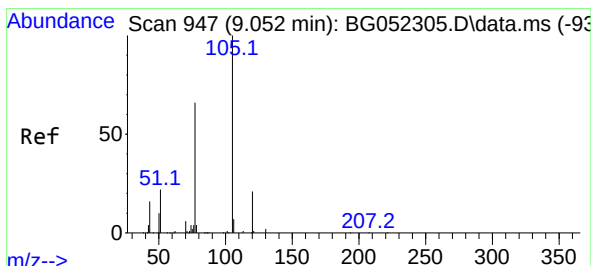
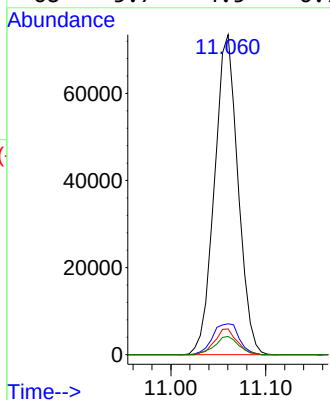
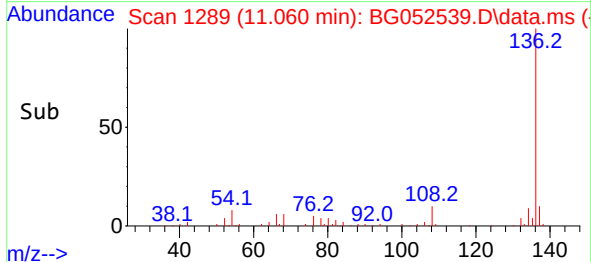
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:136 Resp: 126658
Ion Ratio Lower Upper
136 100
137 9.6 9.1 13.7
54 8.0 8.3 12.5
68 5.7 4.5 6.7

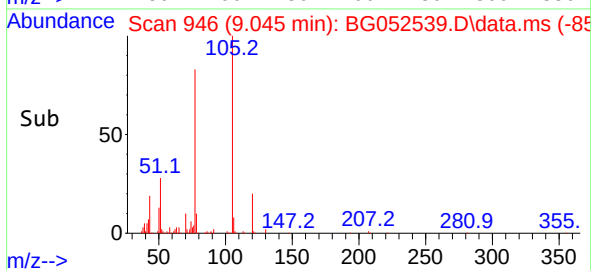
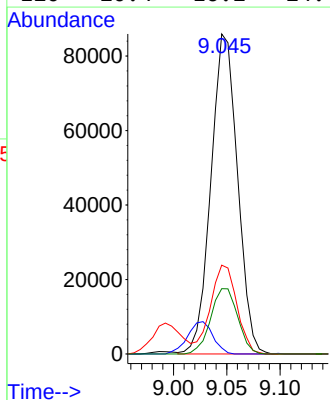
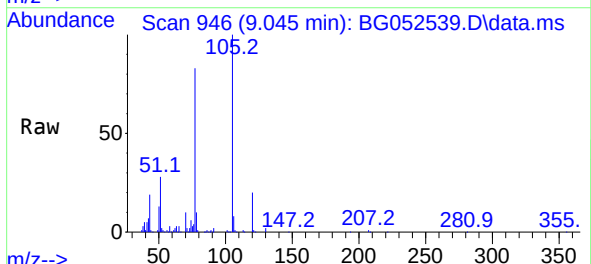
Manual Integrations
APPROVED

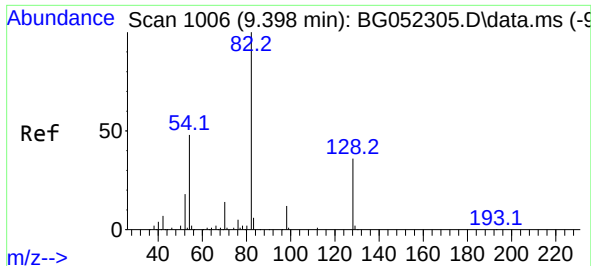
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#22
Acetophenone
Concen: 44.514 ng
RT: 9.045 min Scan# 946
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

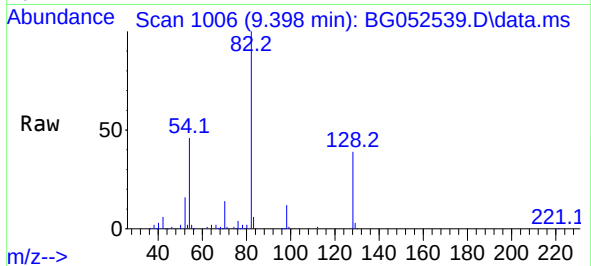
Tgt Ion:105 Resp: 149012
Ion Ratio Lower Upper
105 100
71 1.9 1.8 2.6
51 27.7 27.0 40.4
120 20.4 16.2 24.4





#23
Nitrobenzene-d5
Concen: 78.668 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

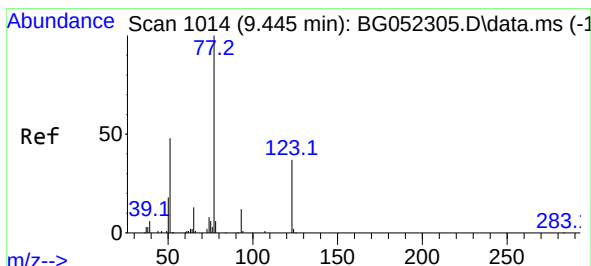
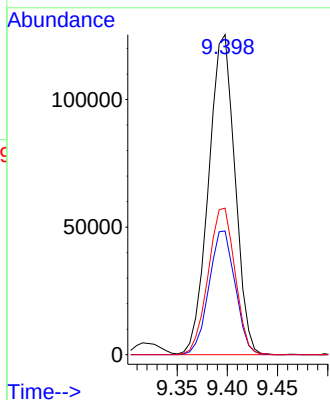
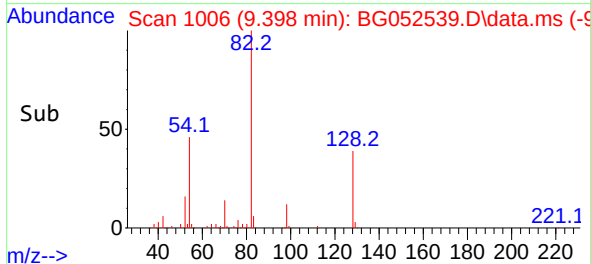
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



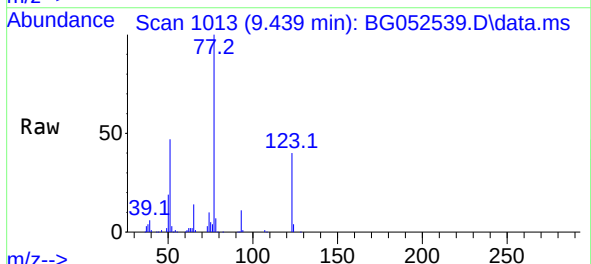
Tgt Ion: 82 Resp: 22926
Ion Ratio Lower Upper
82 100
128 38.6 27.0 40.4
54 45.8 41.0 61.6

Manual Integrations
APPROVED

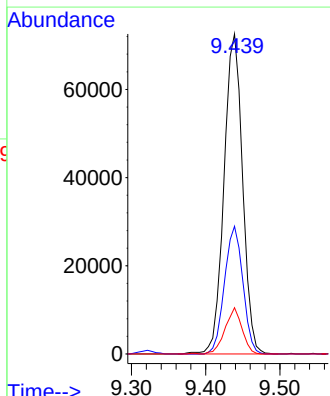
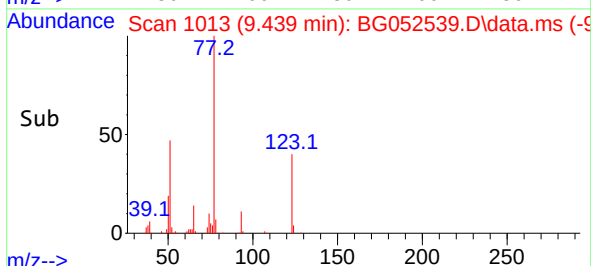
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

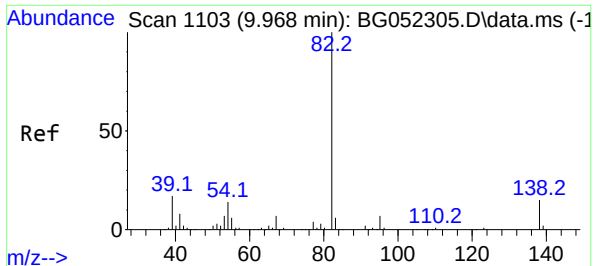


#24
Nitrobenzene
Concen: 45.630 ng
RT: 9.439 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



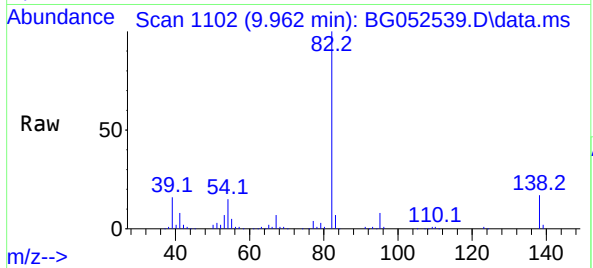
Tgt Ion: 77 Resp: 126141
Ion Ratio Lower Upper
77 100
123 39.9 27.1 40.7
65 14.5 11.2 16.8





#25
Isophorone
Concen: 46.237 ng
RT: 9.962 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

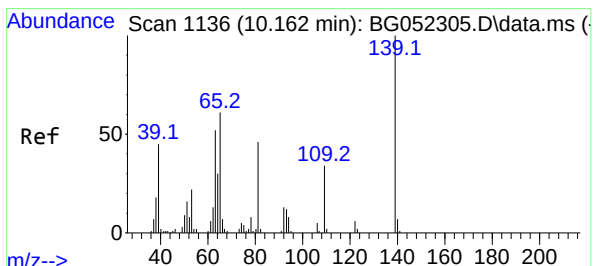
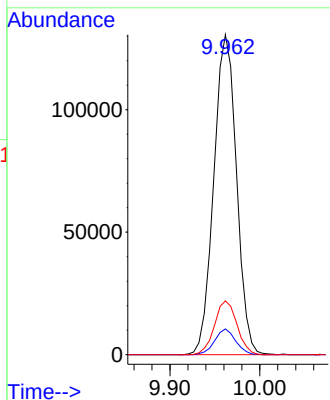
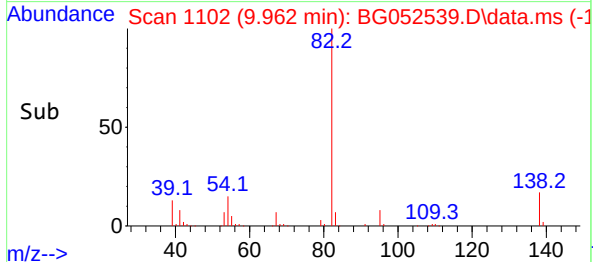
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion: 82 Resp: 229274
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 16.8 12.5 18.7

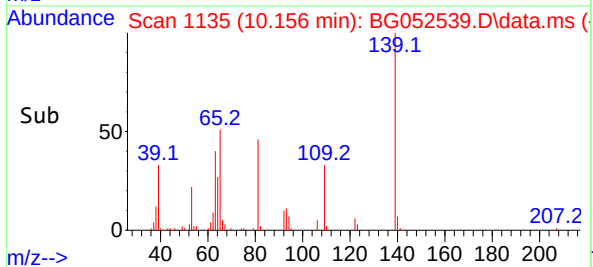
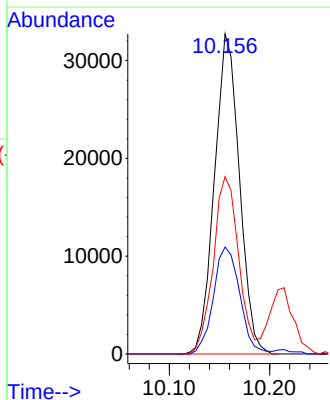
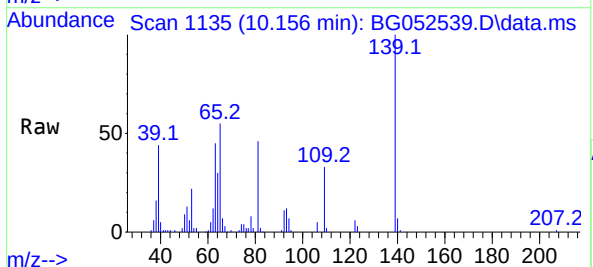
Manual Integrations
APPROVED

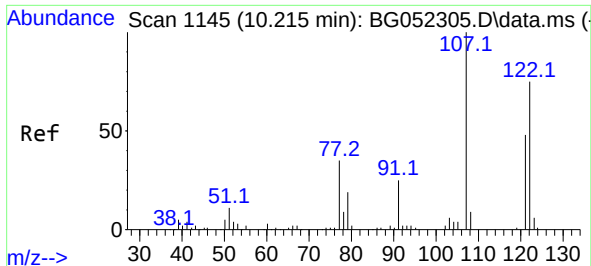
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#26
2-Nitrophenol
Concen: 48.215 ng
RT: 10.156 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

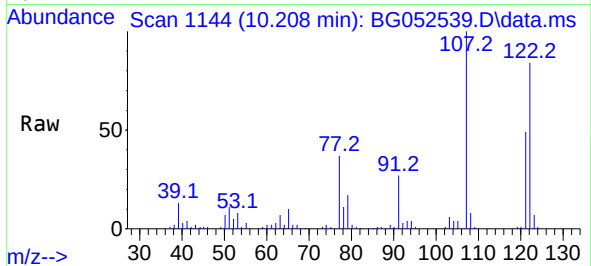
Tgt Ion:139 Resp: 56494
Ion Ratio Lower Upper
139 100
109 33.4 30.4 45.6
65 55.4 55.7 83.5#





#27
2,4-Dimethylphenol
Concen: 57.067 ng
RT: 10.208 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

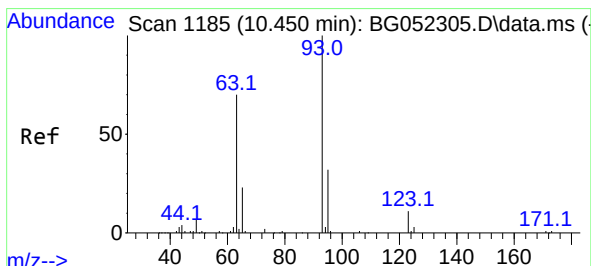
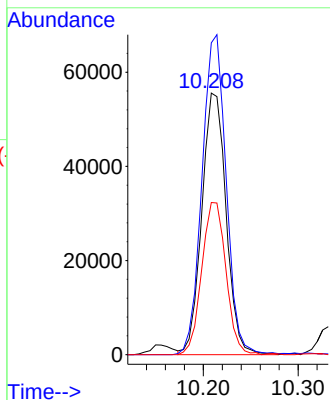
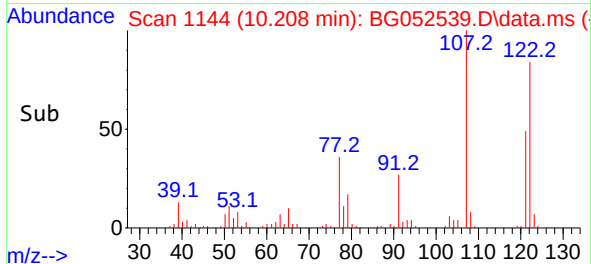
Instrument : BNA_G
ClientSampleId : TT-148-IDWSO-20220228MSD



Tgt Ion:122 Resp: 9900
Ion Ratio Lower Upper
122 100
107 119.2 105.8 158.8
121 58.2 48.6 72.8

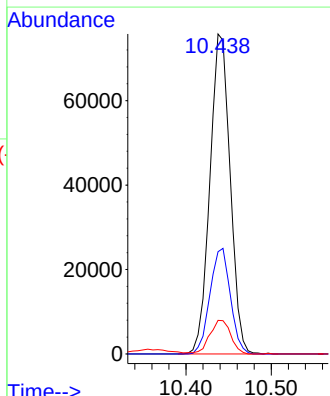
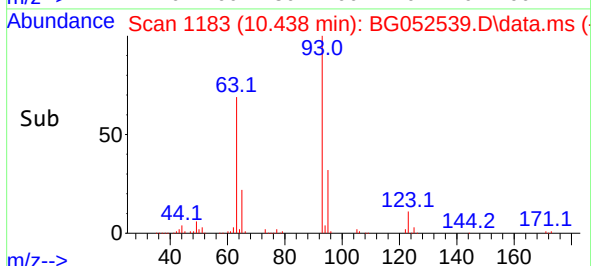
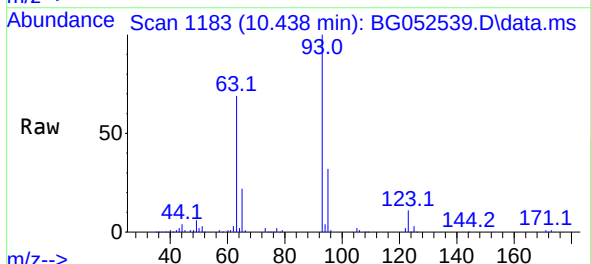
Manual Integrations
APPROVED

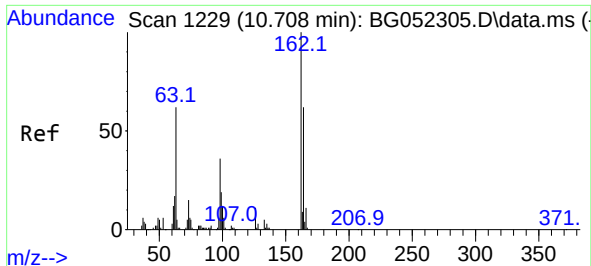
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.411 ng
RT: 10.438 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

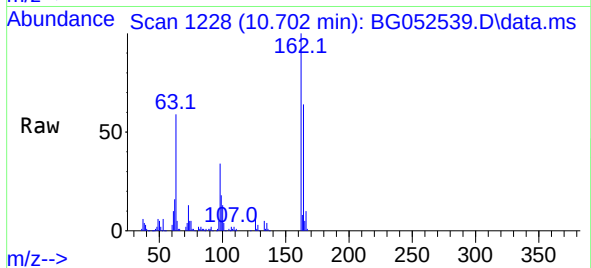
Tgt Ion: 93 Resp: 124978
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 10.5 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 49.912 ng
RT: 10.702 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

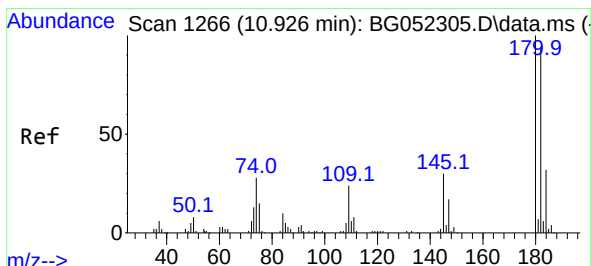
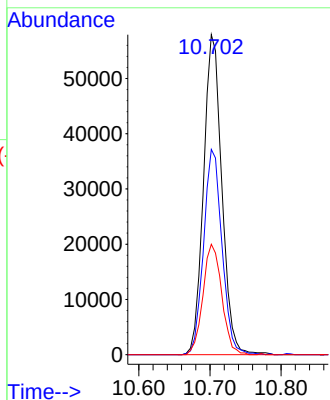
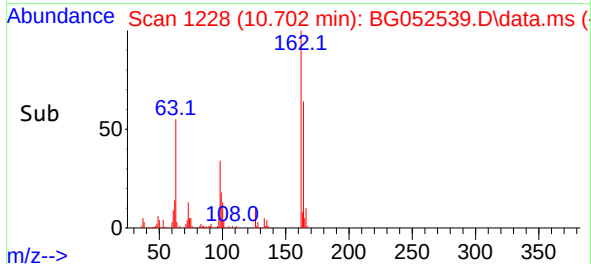
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



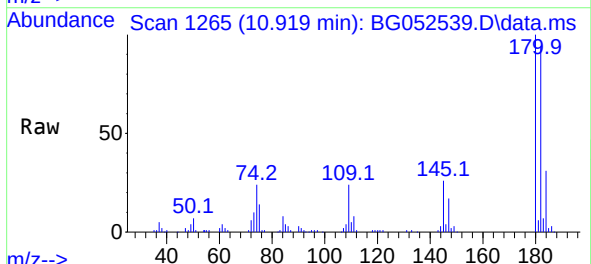
Tgt Ion:162 Resp: 10378
Ion Ratio Lower Upper
162 100
164 64.1 44.3 84.3
98 34.5 17.2 57.2

Manual Integrations
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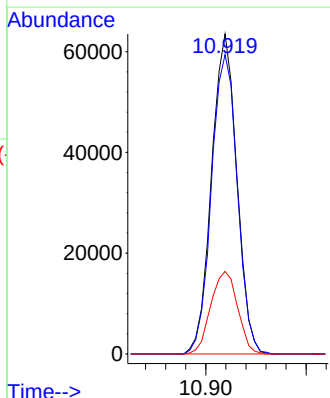
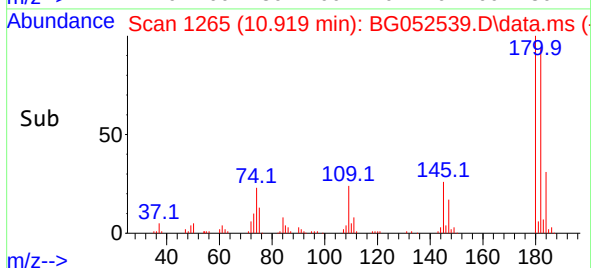
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

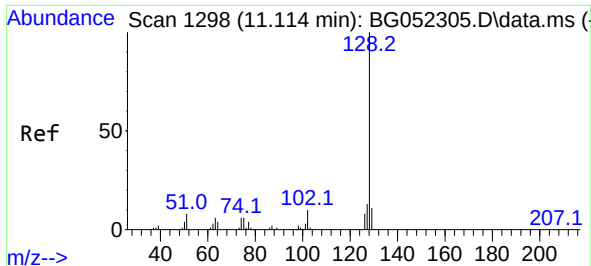


#30
1,2,4-Trichlorobenzene
Concen: 45.690 ng
RT: 10.919 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



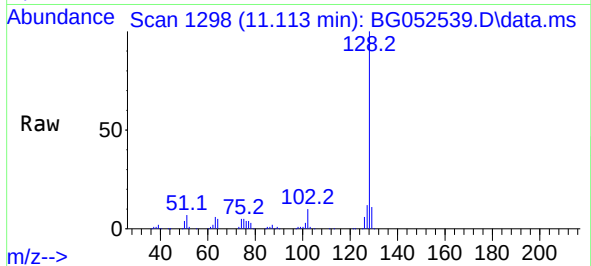
Tgt Ion:180 Resp: 110942
Ion Ratio Lower Upper
180 100
182 93.6 76.1 114.1
145 25.8 24.0 36.0





#31
Naphthalene
Concen: 46.265 ng
RT: 11.113 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

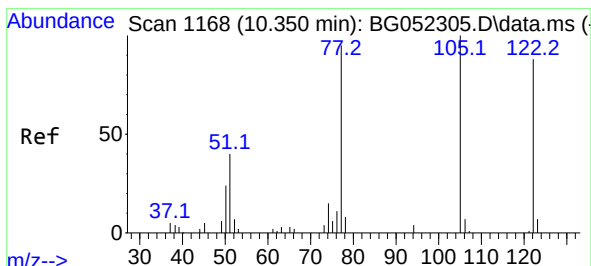
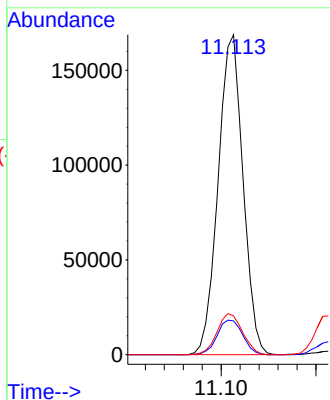
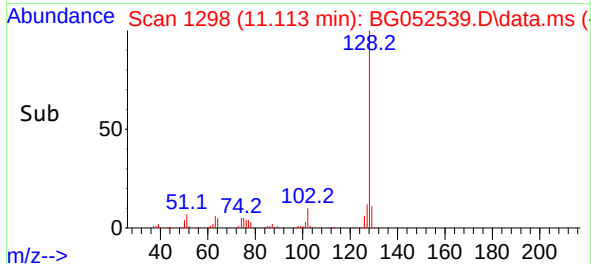
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



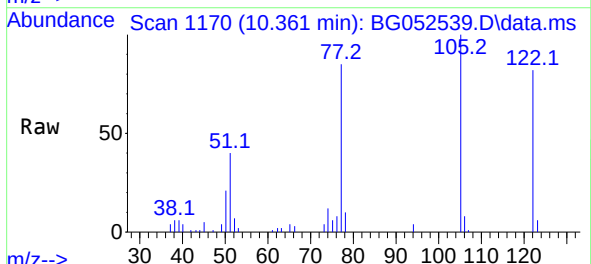
Tgt Ion:128 Resp: 30720
Ion Ratio Lower Upper
128 100
129 10.6 9.8 14.6
127 12.1 12.0 18.0

Manual Integrations
APPROVED

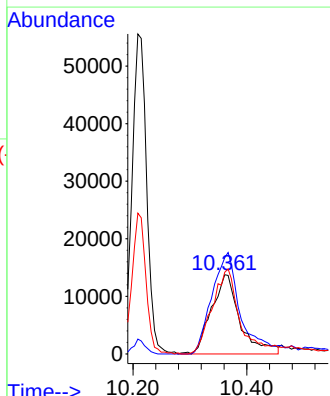
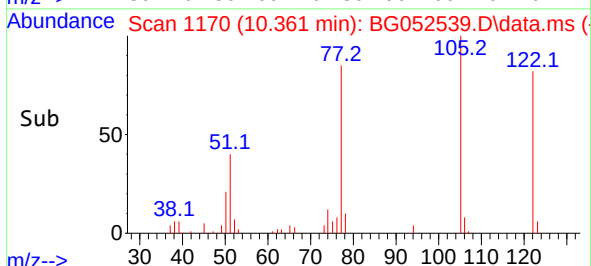
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

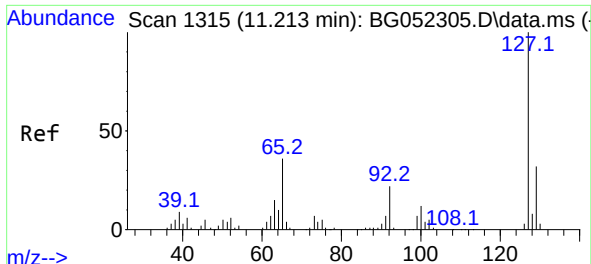


#32
Benzoic acid
Concen: 43.334 ng
RT: 10.361 min Scan# 1170
Delta R.T. 0.011 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



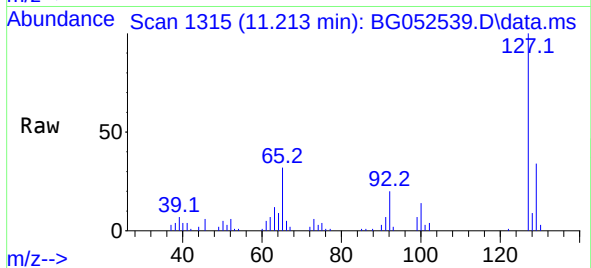
Tgt Ion:122 Resp: 47864
Ion Ratio Lower Upper
122 100
105 121.7 109.2 149.2
77 103.2 92.8 132.8





#33
4-Chloroaniline
Concen: 14.300 ng
RT: 11.213 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

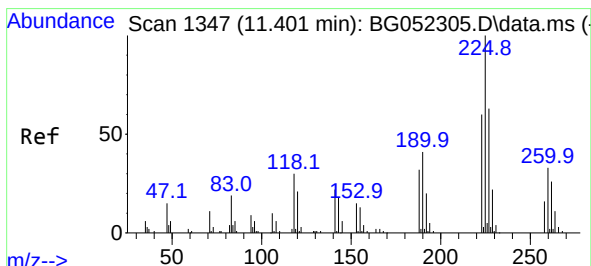
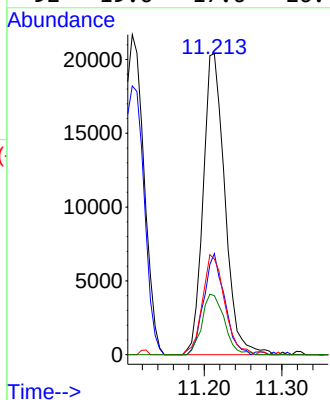
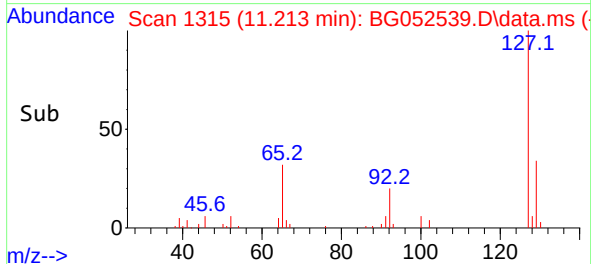
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



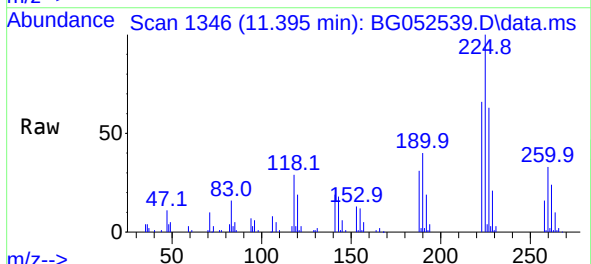
Tgt Ion:	127	Resp:	3964
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.0	40.6
65	31.8	28.7	43.1
92	19.6	17.6	26.4

Manual Integrations
APPROVED

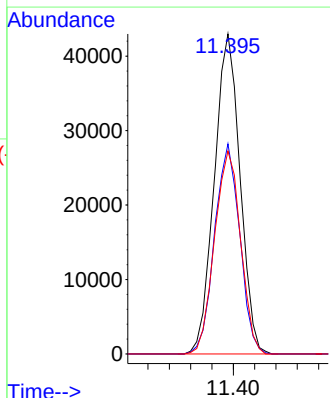
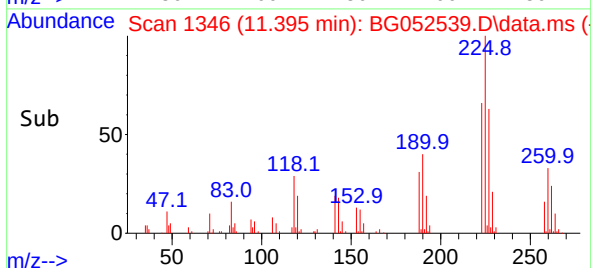
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

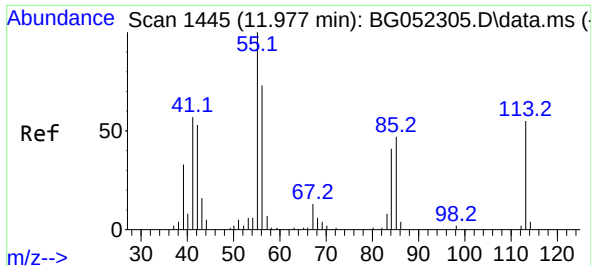


#34
Hexachlorobutadiene
Concen: 43.840 ng
RT: 11.395 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



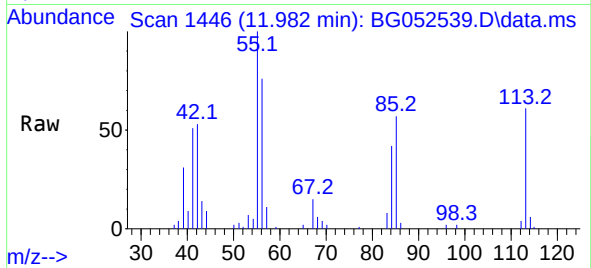
Tgt Ion:	225	Resp:	71891
Ion	Ratio	Lower	Upper
225	100		
223	65.7	51.6	77.4
227	63.4	53.9	80.9





#35
Caprolactam
Concen: 46.090 ng m
RT: 11.982 min Scan# 1445
Delta R.T. 0.005 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

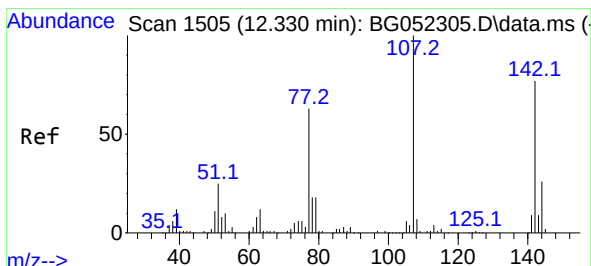
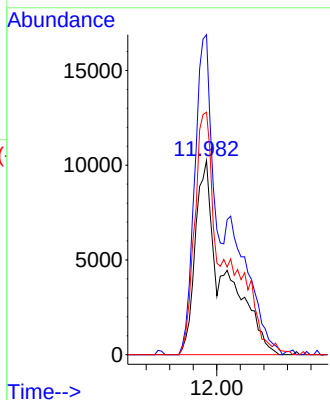
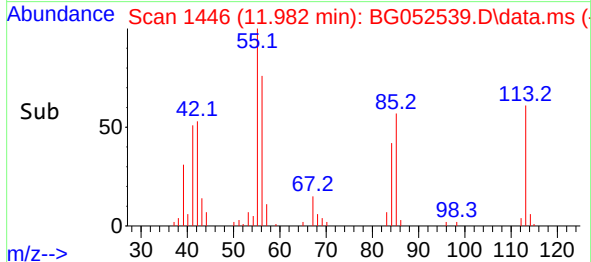
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



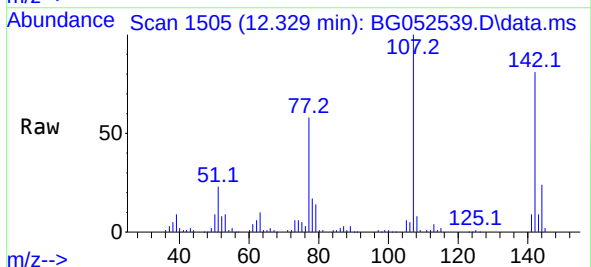
Tgt Ion:113 Resp: 3492
Ion Ratio Lower Upper
113 100
55 164.8 161.4 201.4
56 124.9 132.6 172.6

Manual Integrations
APPROVED

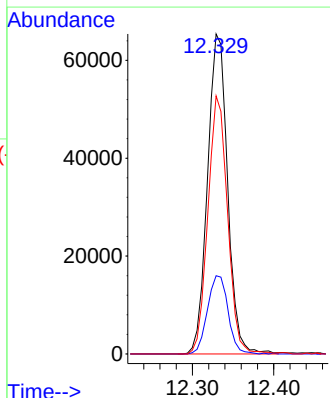
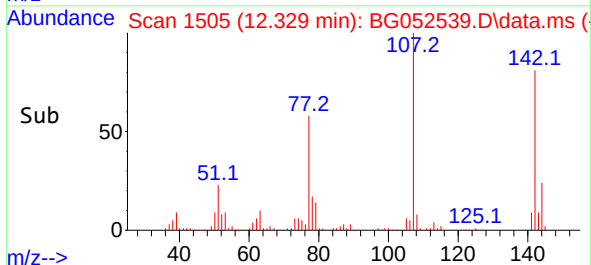
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

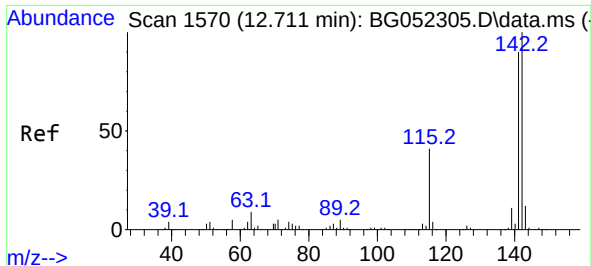


#36
4-Chloro-3-methylphenol
Concen: 47.490 ng
RT: 12.329 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



Tgt Ion:107 Resp: 112347
Ion Ratio Lower Upper
107 100
144 24.4 19.3 28.9
142 80.7 63.9 95.9





#37

2-Methylnaphthalene

Concen: 44.299 ng

RT: 12.705 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG052539.D

Acq: 2 Mar 2022 16:26

Instrument :

BNA_G

ClientSampleId :

TT-148-IDWSO-20220228MSD

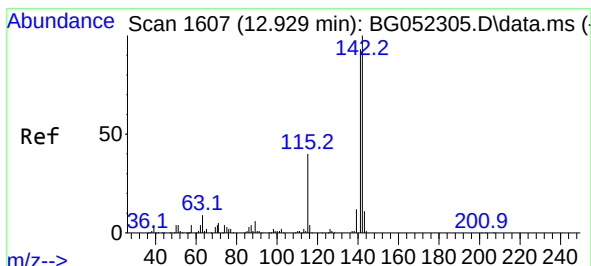
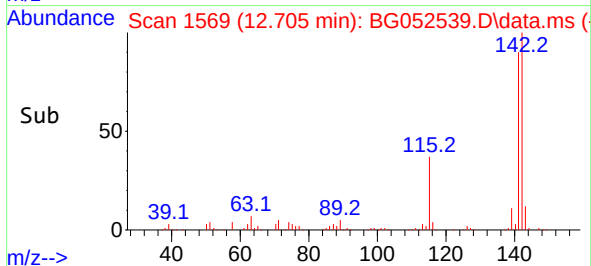
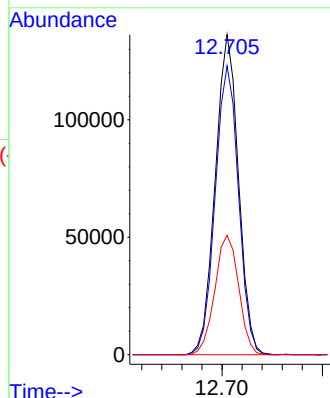
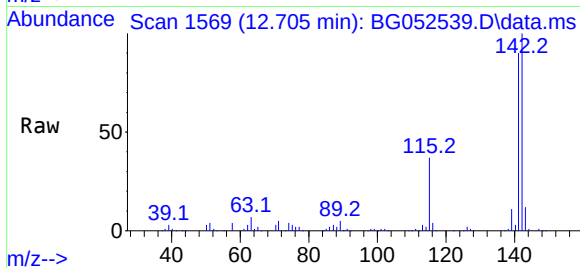
Tgt Ion:142 Resp: 218474

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
115	37.3	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#38

1-Methylnaphthalene

Concen: 44.315 ng

RT: 12.922 min Scan# 1606

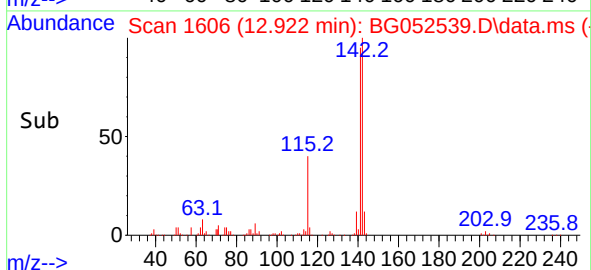
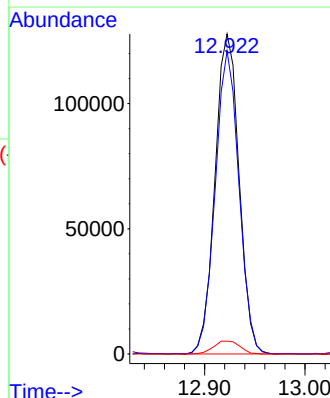
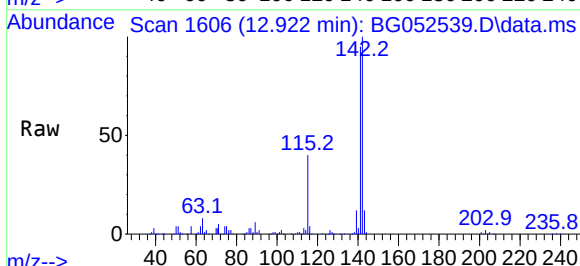
Delta R.T. -0.006 min

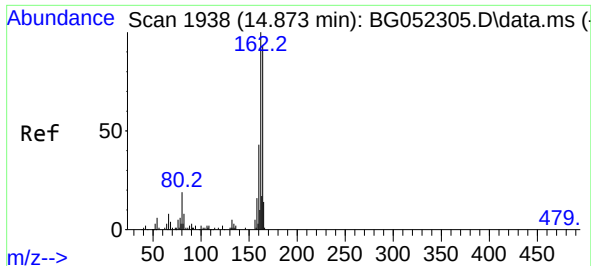
Lab File: BG052539.D

Acq: 2 Mar 2022 16:26

Tgt Ion:142 Resp: 211779

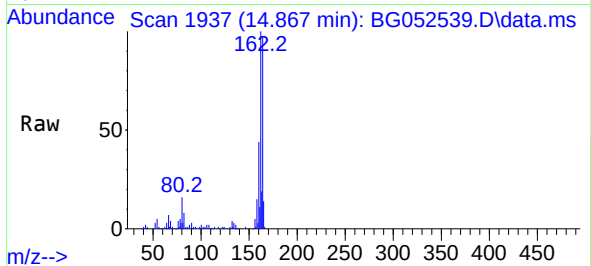
Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.0	112.4
116	4.0	4.2	6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

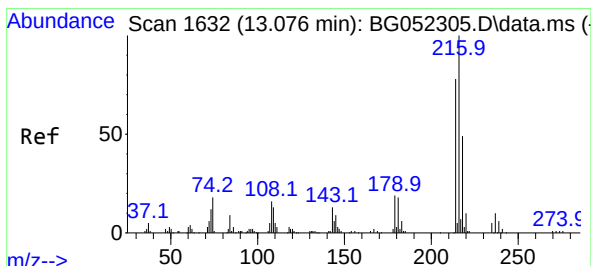
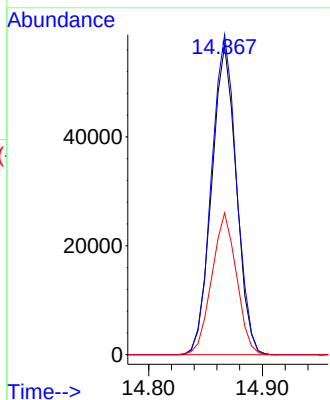
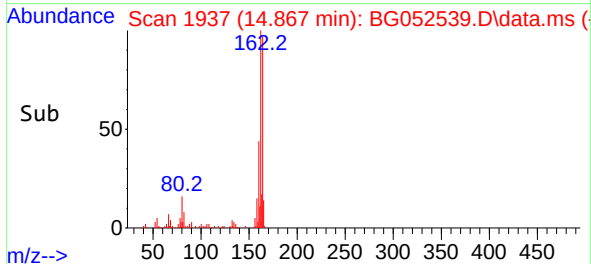
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



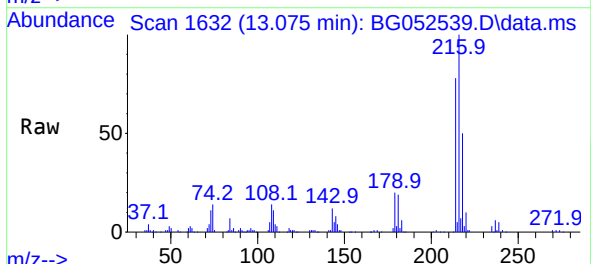
Tgt Ion:164 Resp: 85729
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 45.8 36.2 54.2

Manual Integrations
APPROVED

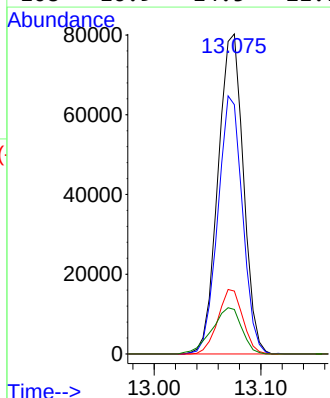
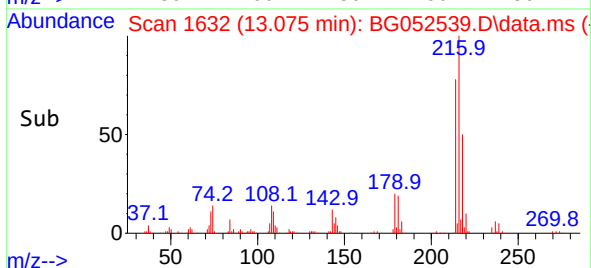
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

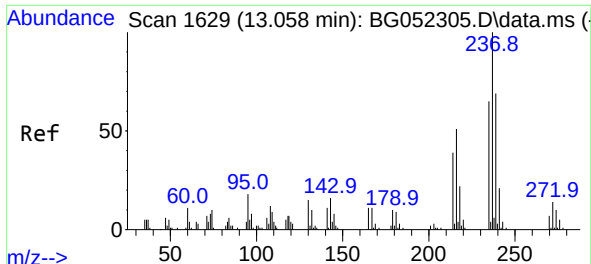


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.031 ng
RT: 13.075 min Scan# 1632
Delta R.T. -0.001 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



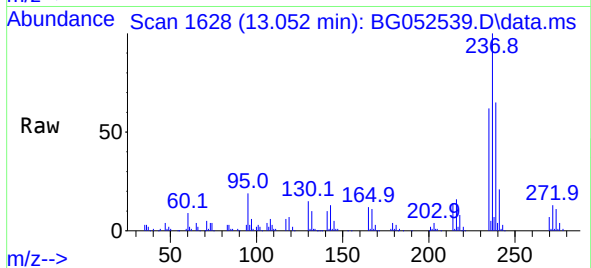
Tgt Ion:216 Resp: 132616
Ion Ratio Lower Upper
216 100
214 78.2 63.2 94.8
179 19.8 16.3 24.5
108 16.9 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 95.212 ng
RT: 13.052 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

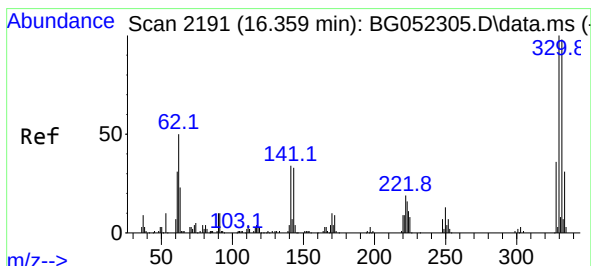
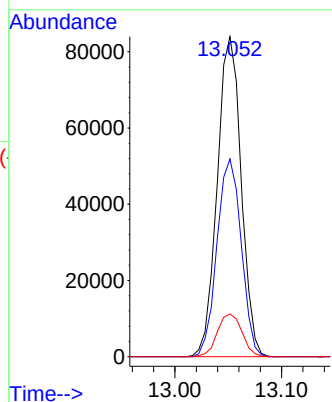
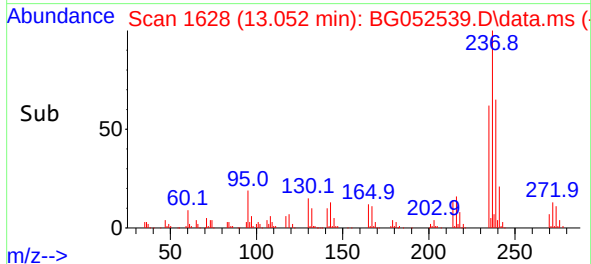
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



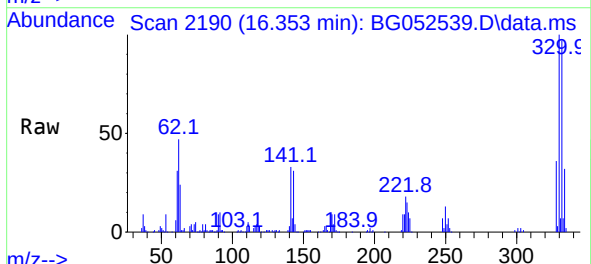
Tgt Ion:237 Resp: 130774
Ion Ratio Lower Upper
237 100
235 61.8 45.9 85.9
272 13.3 0.0 33.0

Manual Integrations
APPROVED

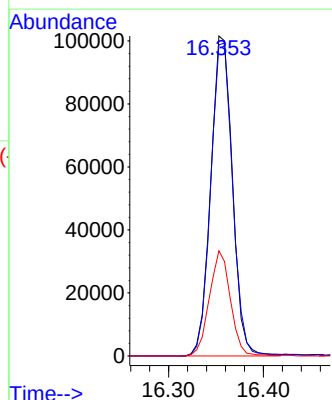
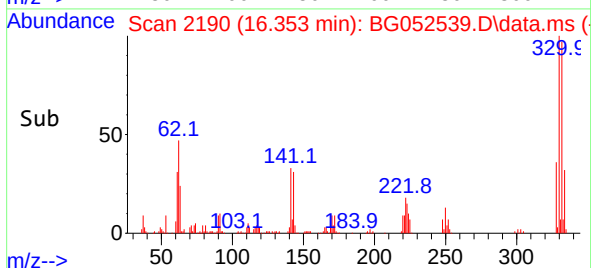
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

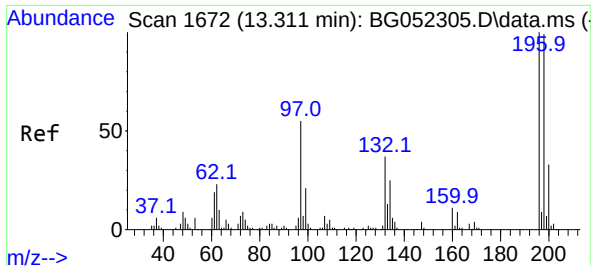


#42
2,4,6-Tribromophenol
Concen: 130.724 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



Tgt Ion:330 Resp: 161004
Ion Ratio Lower Upper
330 100
332 98.9 78.6 117.8
141 31.9 28.8 43.2





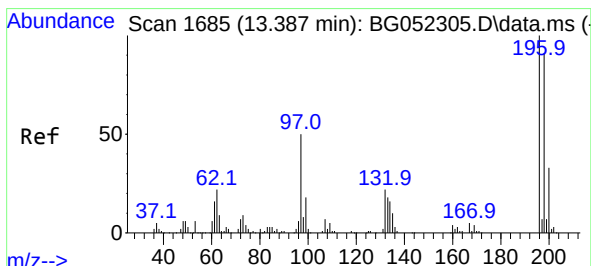
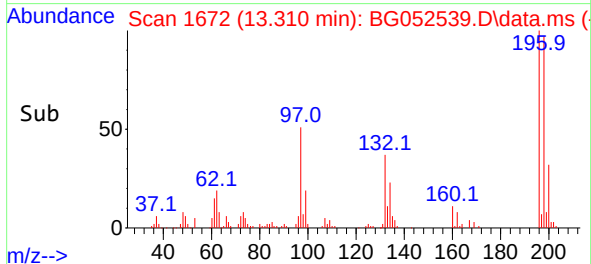
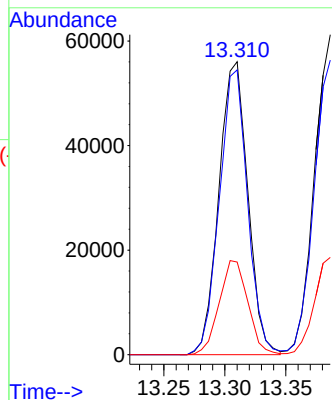
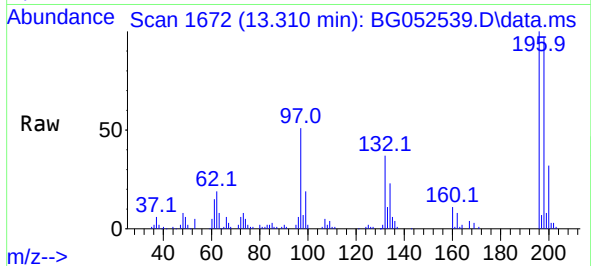
#43
2,4,6-Trichlorophenol
Concen: 50.149 ng
RT: 13.310 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD

Tgt Ion:196 Resp: 9248
Ion Ratio Lower Upper
196 100
198 97.2 78.4 117.6
200 31.6 28.5 42.7

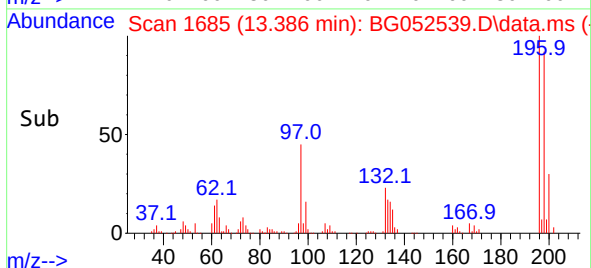
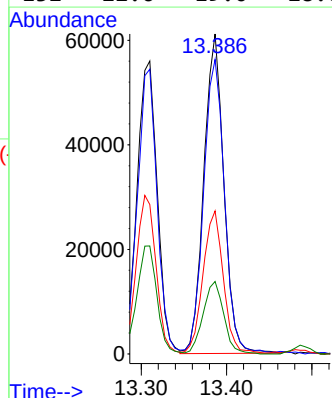
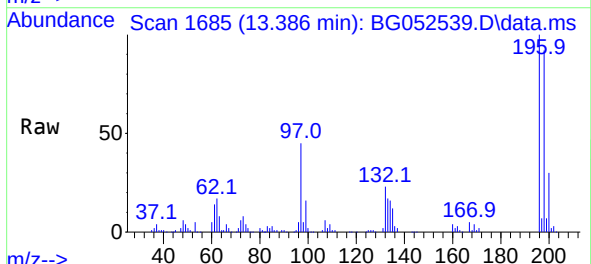
Manual Integrations
APPROVED

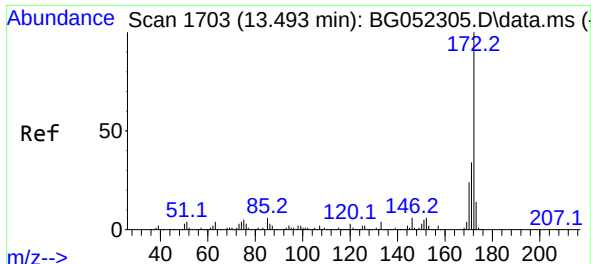
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#44
2,4,5-Trichlorophenol
Concen: 49.903 ng
RT: 13.386 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

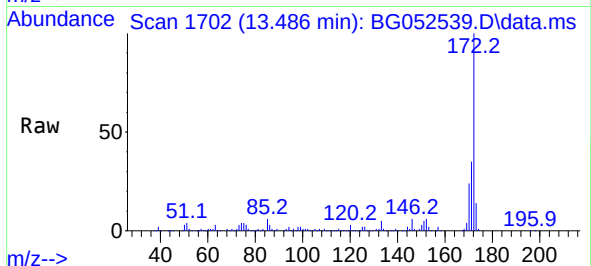
Tgt Ion:196 Resp: 99731
Ion Ratio Lower Upper
196 100
198 92.0 78.6 118.0
97 44.7 43.8 65.8
132 22.6 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 83.735 ng
RT: 13.486 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

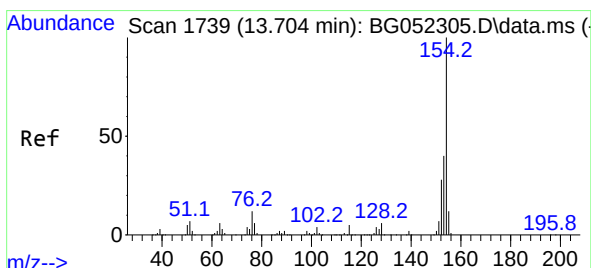
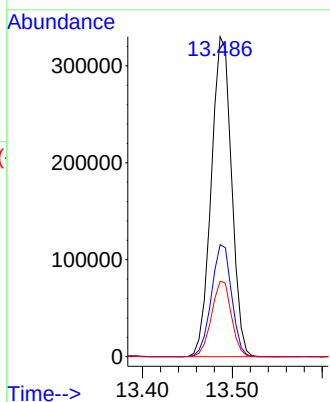
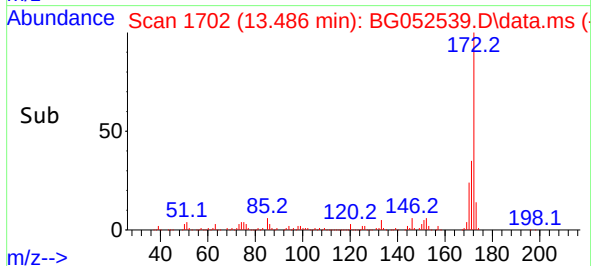
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



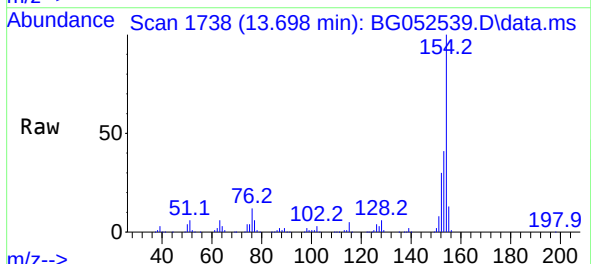
Tgt Ion:172 Resp: 51661
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 18.3 27.5

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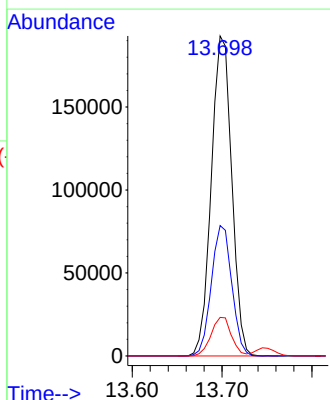
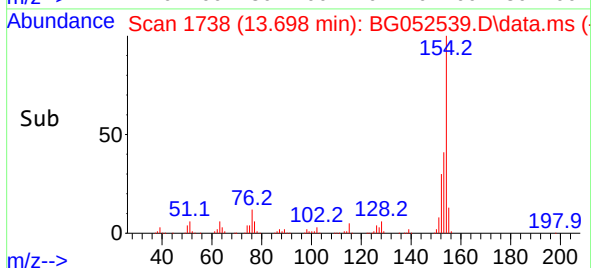
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

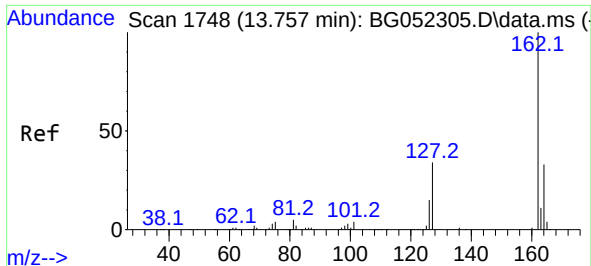


#46
1,1'-Biphenyl
Concen: 48.404 ng
RT: 13.698 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



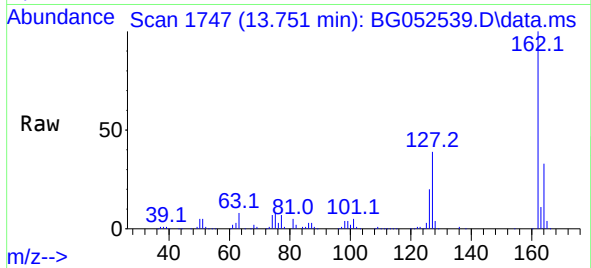
Tgt Ion:154 Resp: 304282
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 12.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 48.040 ng
RT: 13.751 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

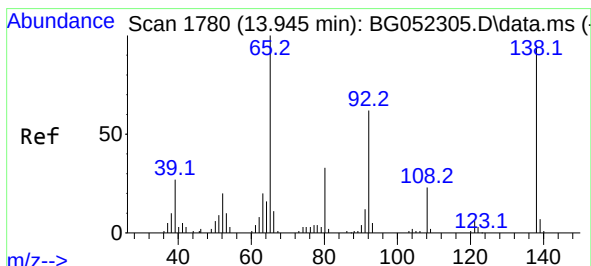
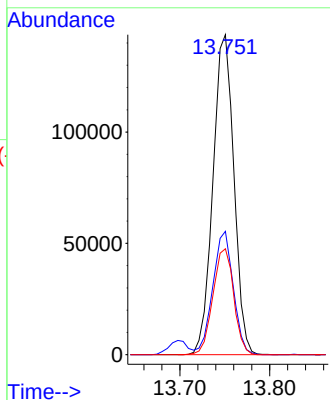
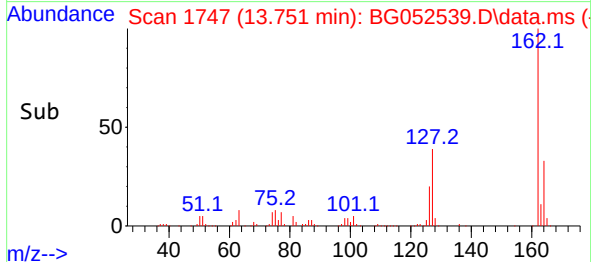
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:162 Resp: 232669
Ion Ratio Lower Upper
162 100
127 38.6 30.4 45.6
164 33.1 25.0 37.4

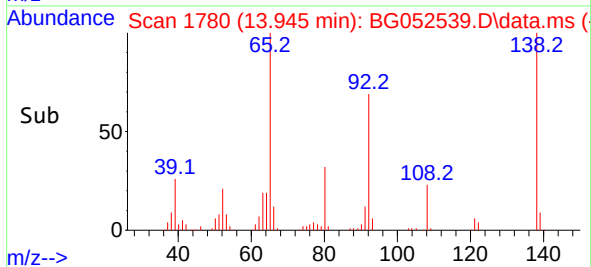
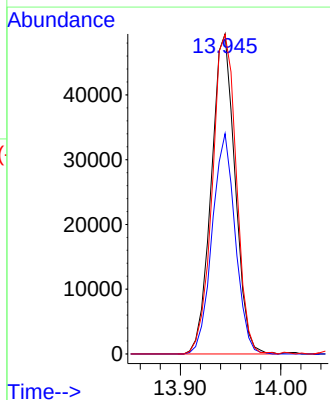
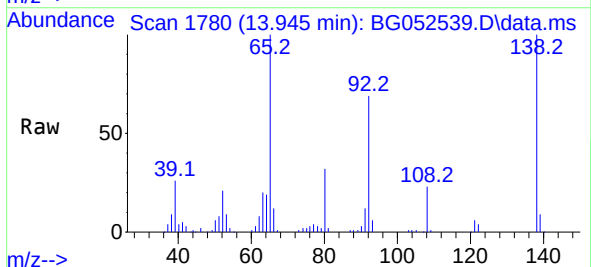
Manual Integrations
APPROVED

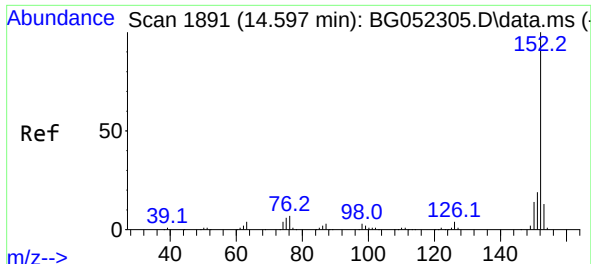
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#48
2-Nitroaniline
Concen: 46.999 ng
RT: 13.945 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

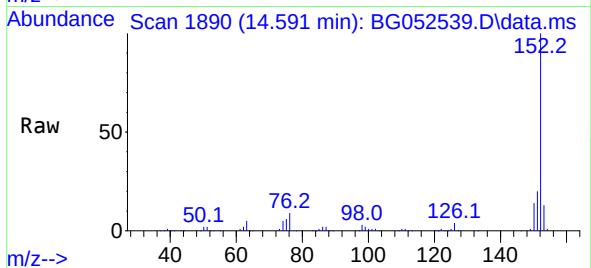
Tgt Ion: 65 Resp: 81039
Ion Ratio Lower Upper
65 100
92 68.8 51.0 76.6
138 99.9 72.4 108.6





#49
Acenaphthylene
Concen: 50.411 ng
RT: 14.591 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

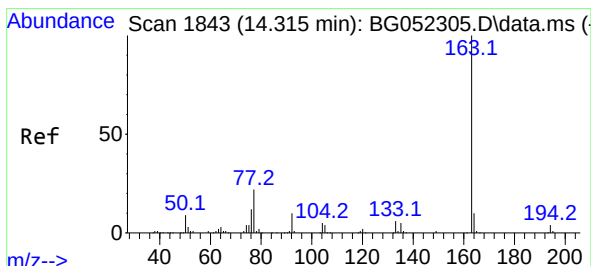
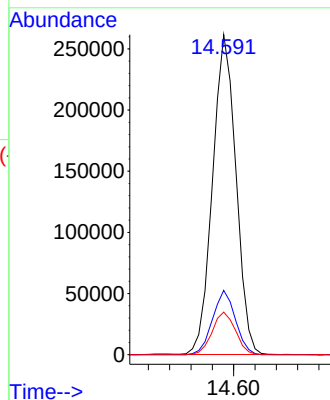
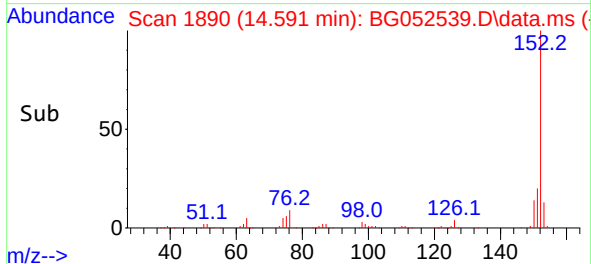
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



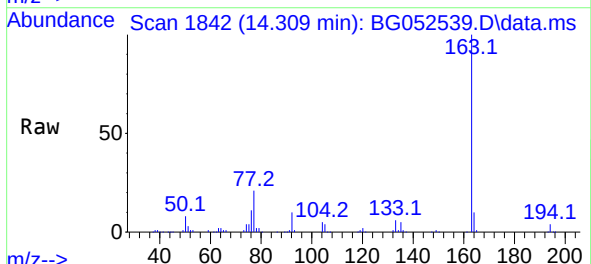
Tgt Ion:152 Resp: 397442
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.3 10.8 16.2

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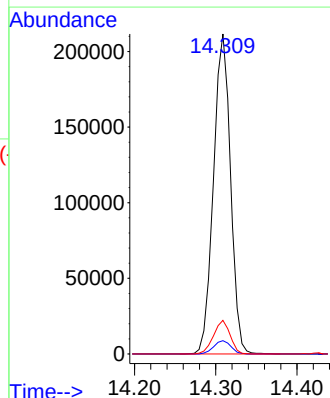
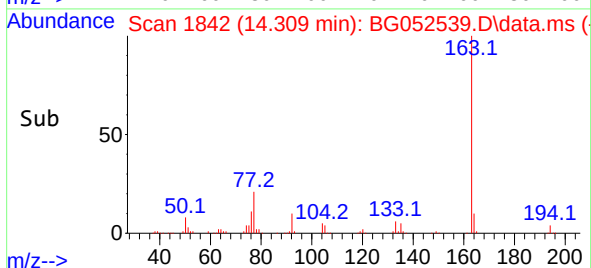
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

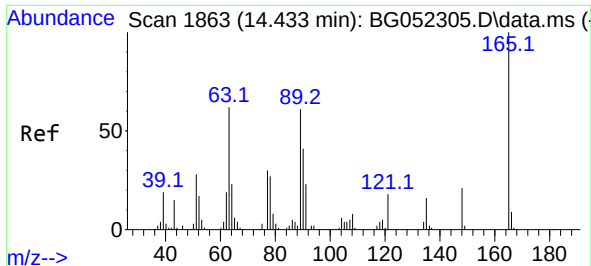


#50
Dimethylphthalate
Concen: 46.814 ng
RT: 14.309 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



Tgt Ion:163 Resp: 307442
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.5 8.4 12.6





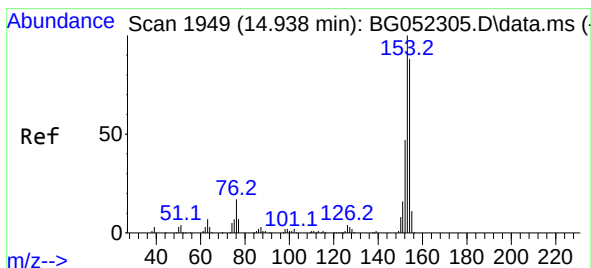
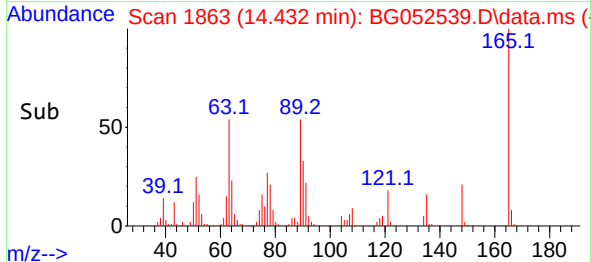
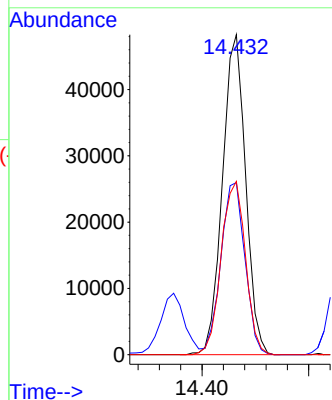
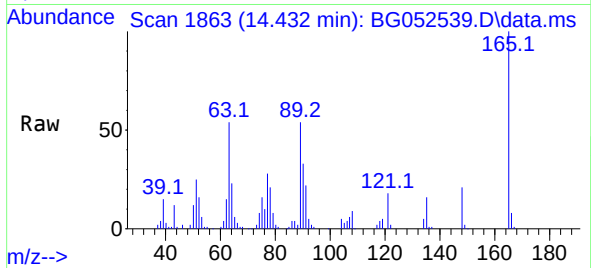
#51
2,6-Dinitrotoluene
Concen: 51.273 ng
RT: 14.432 min Scan# 1863
Delta R.T. -0.001 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD

Tgt Ion:165 Resp: 7266
Ion Ratio Lower Upper
165 100
63 53.8 59.0 88.4
89 54.1 49.4 74.0

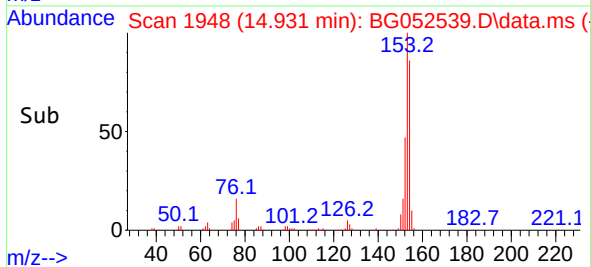
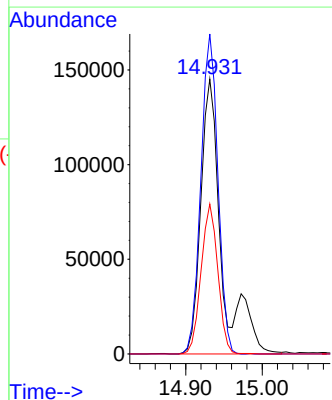
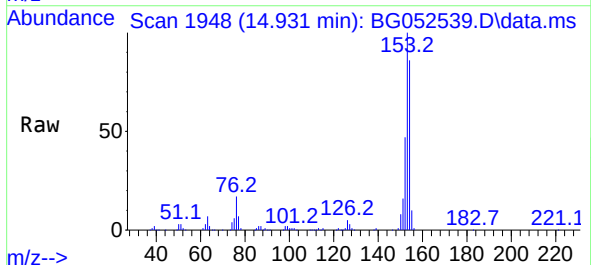
Manual Integrations
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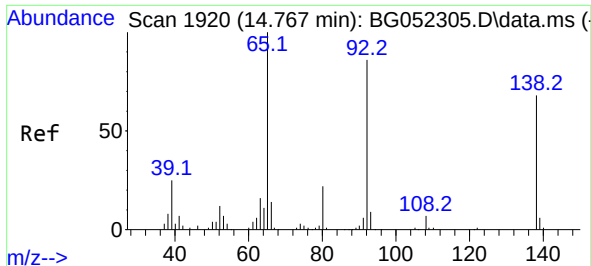
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#52
Acenaphthene
Concen: 53.577 ng m
RT: 14.931 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

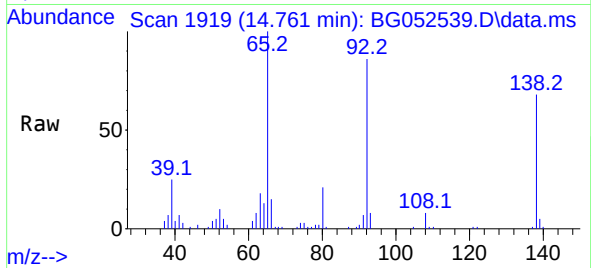
Tgt Ion:154 Resp: 276637
Ion Ratio Lower Upper
154 100
153 116.4 91.9 137.9
152 54.6 43.4 65.2





#53
3-Nitroaniline
Concen: 20.659 ng
RT: 14.761 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

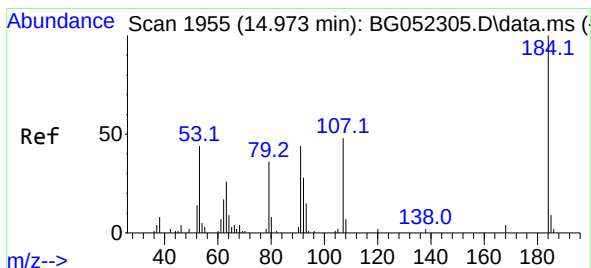
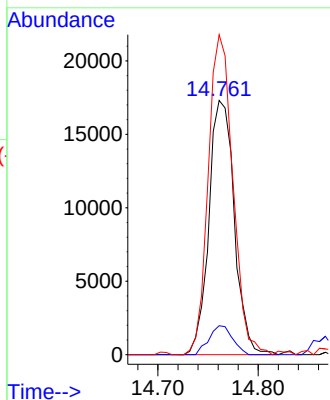
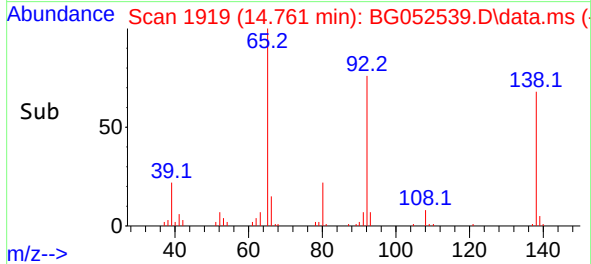
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



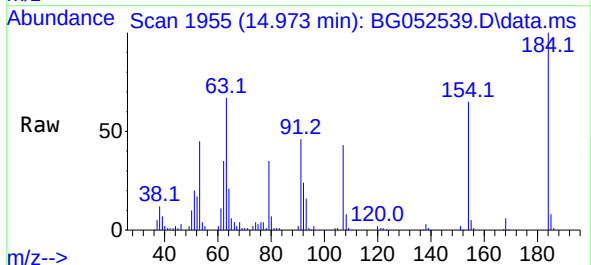
Tgt Ion:138 Resp: 3043
Ion Ratio Lower Upper
138 100
108 11.4 7.8 11.8
92 125.9 100.4 150.6

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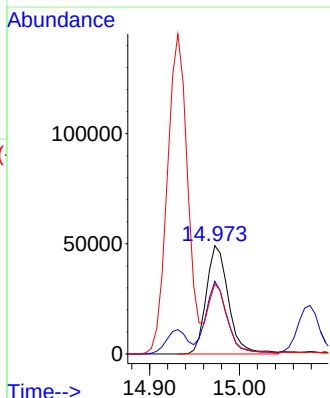
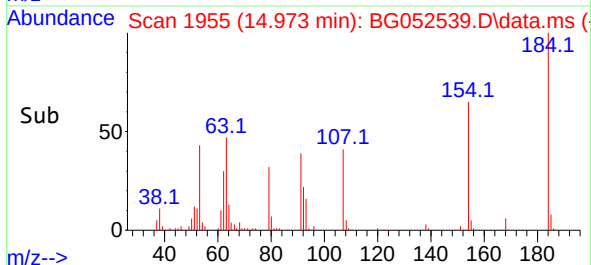
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

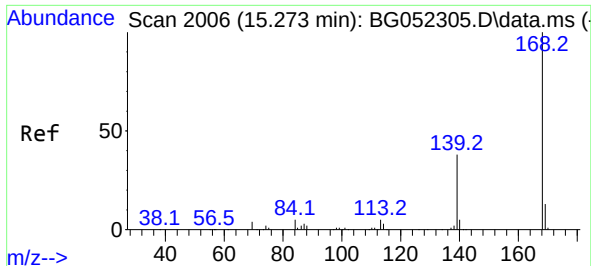


#54
2,4-Dinitrophenol
Concen: 95.186 ng
RT: 14.973 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



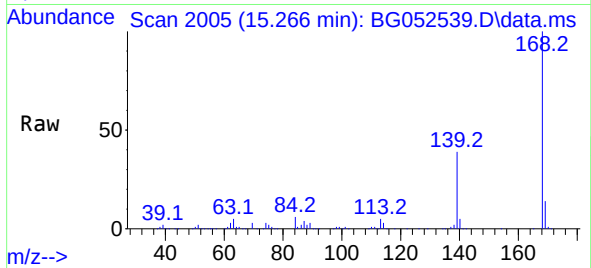
Tgt Ion:184 Resp: 84407
Ion Ratio Lower Upper
184 100
63 67.0 56.0 84.0
154 64.6 50.2 75.2





#55
Dibenzenofuran
Concen: 45.506 ng
RT: 15.266 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

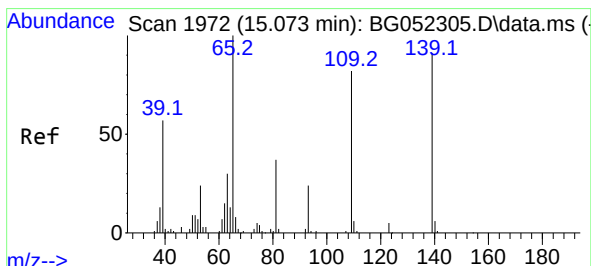
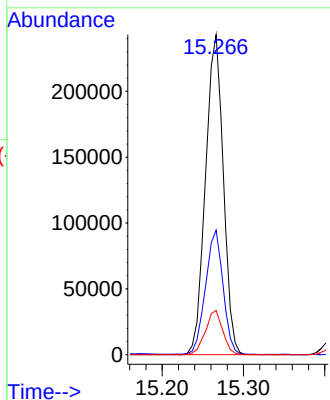
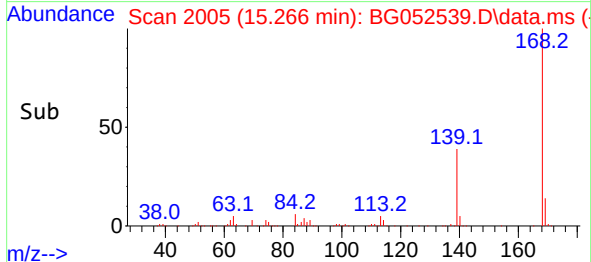
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:168 Resp: 36951
Ion Ratio Lower Upper
168 100
139 38.9 30.7 46.1
169 13.8 10.9 16.3

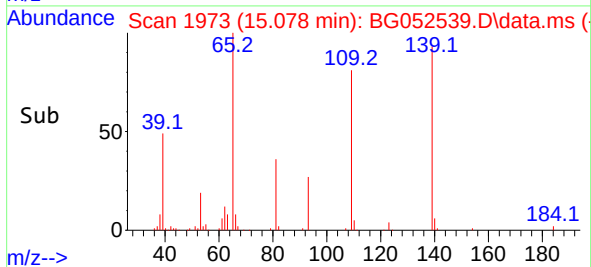
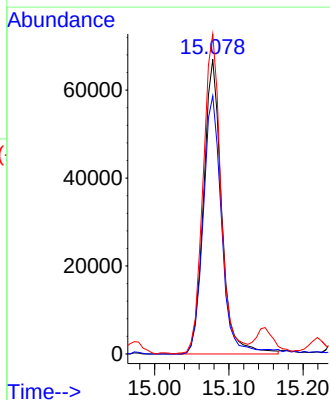
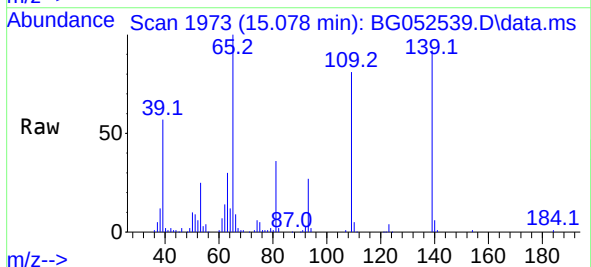
Manual Integrations
APPROVED

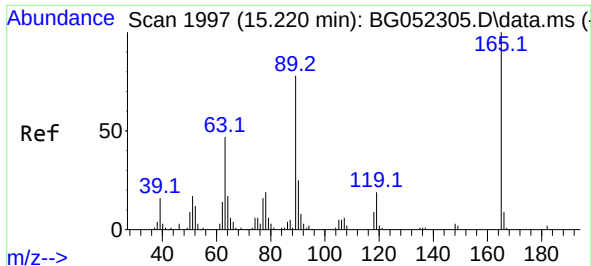
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#56
4-Nitrophenol
Concen: 102.095 ng
RT: 15.078 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

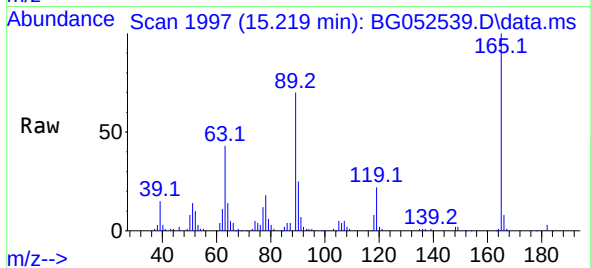
Tgt Ion:139 Resp: 112941
Ion Ratio Lower Upper
139 100
109 87.6 84.9 124.9
65 108.6 109.9 149.9#





#57
2,4-Dinitrotoluene
Concen: 50.154 ng
RT: 15.219 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

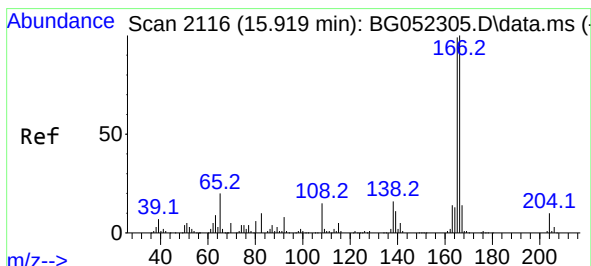
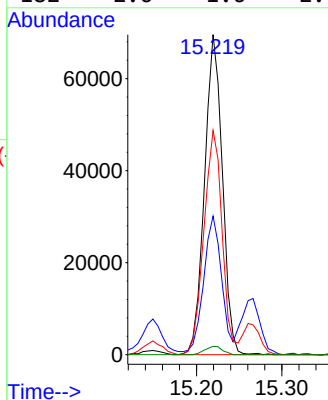
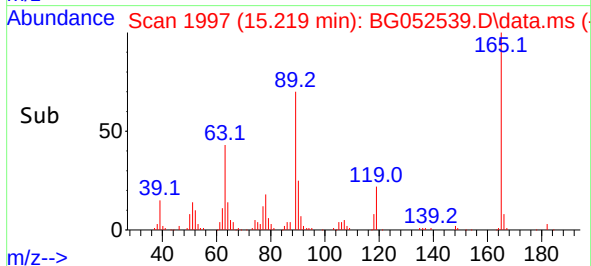
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



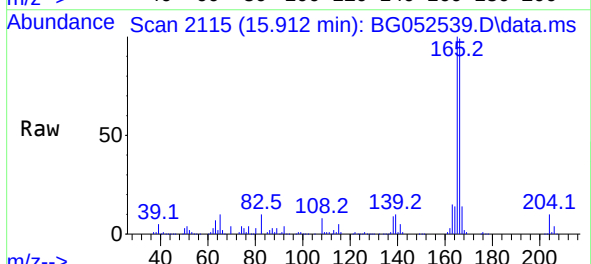
Tgt Ion:165 Resp: 101164
Ion Ratio Lower Upper
165 100
63 43.3 44.6 66.8
89 70.0 67.4 101.0
182 2.6 1.6 2.4#

Manual Integrations
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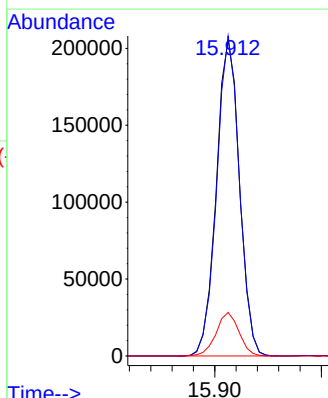
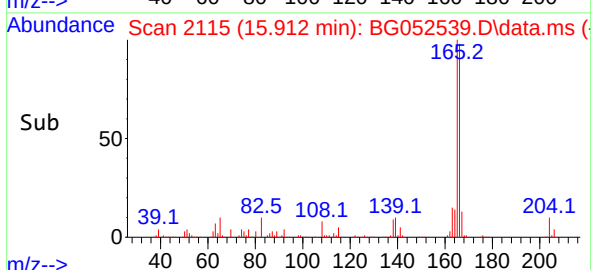
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

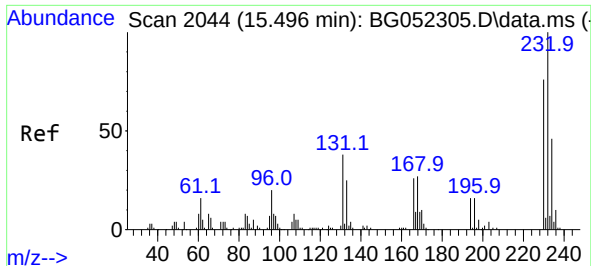


#58
Fluorene
Concen: 47.751 ng
RT: 15.912 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



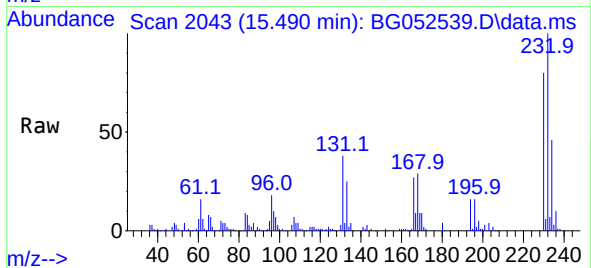
Tgt Ion:166 Resp: 309534
Ion Ratio Lower Upper
166 100
165 101.3 80.0 120.0
167 13.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.561 ng
RT: 15.490 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

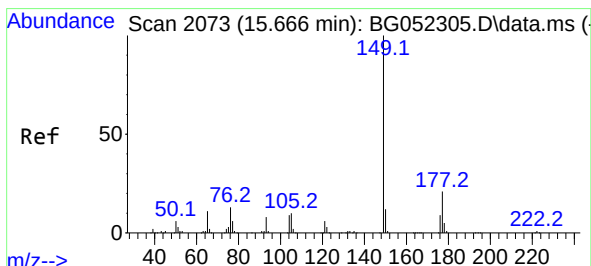
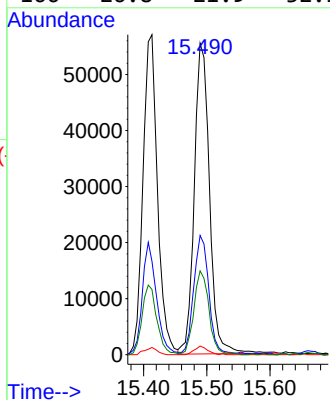
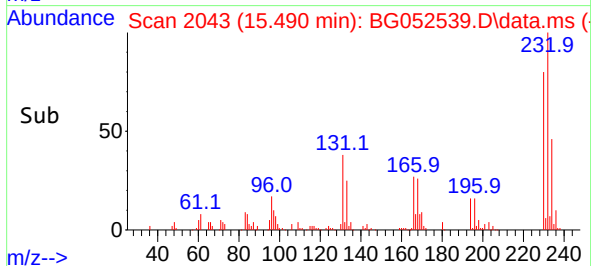
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:232 Resp: 9271
Ion Ratio Lower Upper
232 100
131 36.8 32.2 48.4
130 2.4 2.2 3.4
166 26.8 21.9 32.9

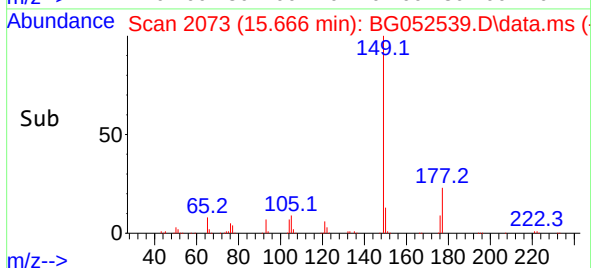
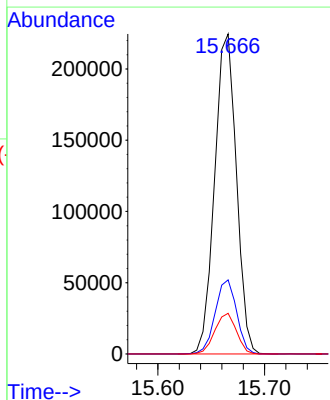
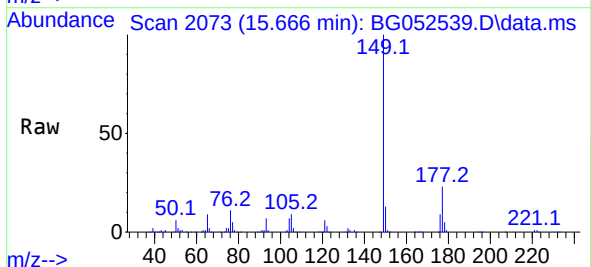
Manual Integrations
APPROVED

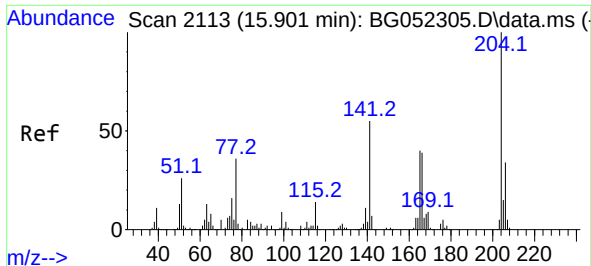
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#60
Diethylphthalate
Concen: 47.853 ng
RT: 15.666 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

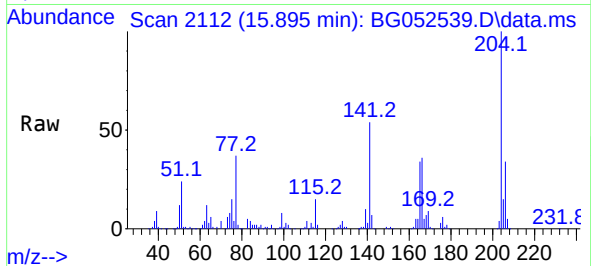
Tgt Ion:149 Resp: 317464
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.6
150 12.7 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 45.726 ng
RT: 15.895 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

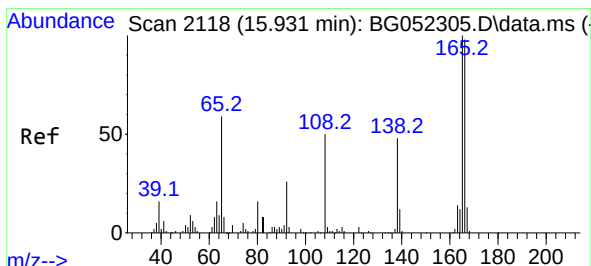
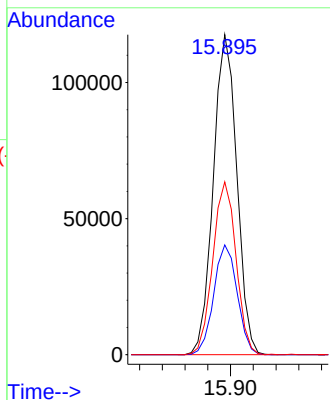
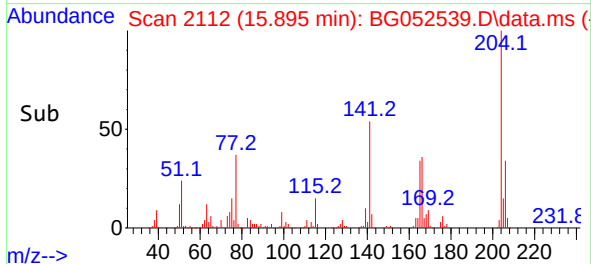
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



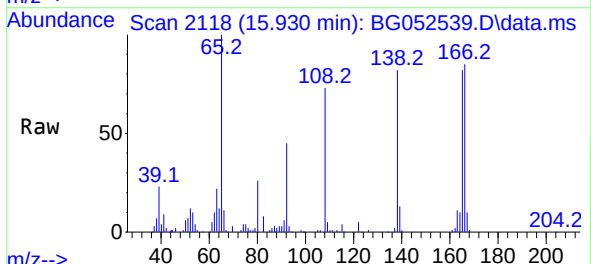
Tgt Ion:204 Resp: 16884
Ion Ratio Lower Upper
204 100
206 34.3 28.4 42.6
141 54.0 41.8 62.6

Manual Integrations
APPROVED

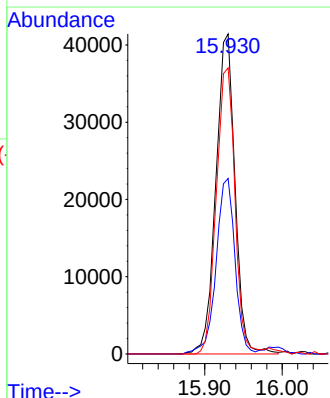
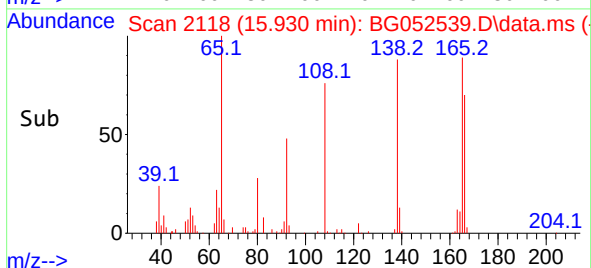
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

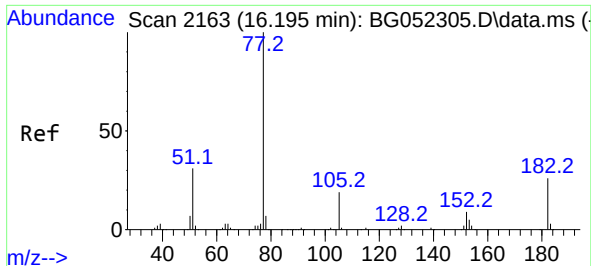


#62
4-Nitroaniline
Concen: 45.768 ng
RT: 15.930 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



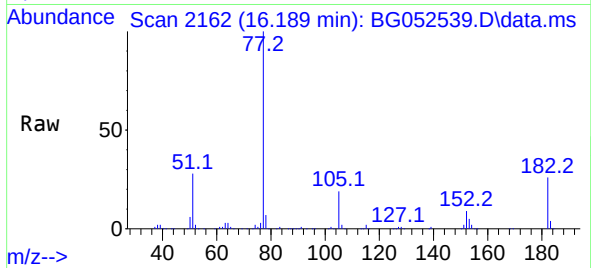
Tgt Ion:138 Resp: 70976
Ion Ratio Lower Upper
138 100
92 54.9 35.5 75.5
108 89.4 96.4 136.4#





#63
Azobenzene
Concen: 43.986 ng
RT: 16.189 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

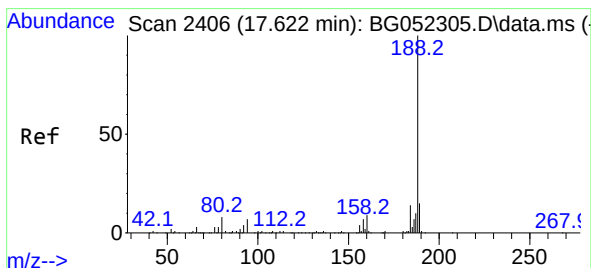
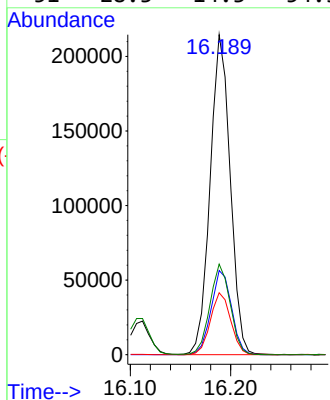
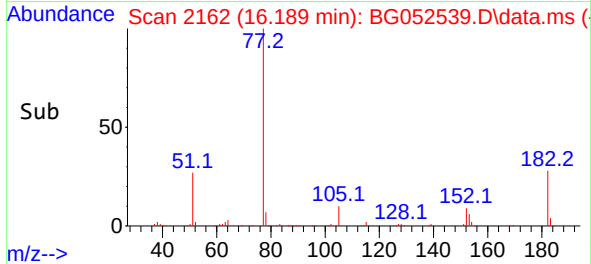
Instrument : BNA_G
ClientSampleId : TT-148-IDWSO-20220228MSD



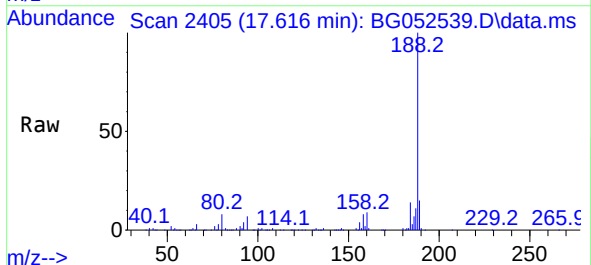
Tgt Ion: 77 Resp: 29873
Ion Ratio Lower Upper
77 100
182 26.3 4.1 44.1
105 19.3 0.0 37.5
51 28.3 14.3 54.3

Manual Integrations
APPROVED

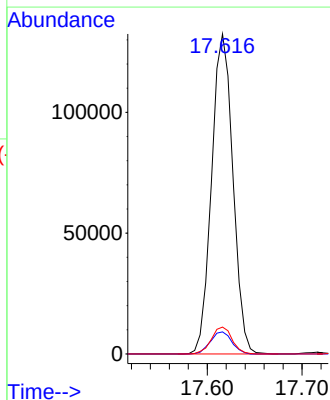
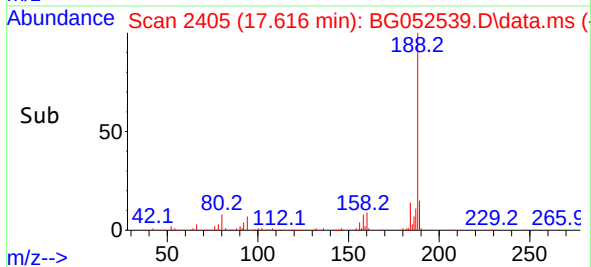
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

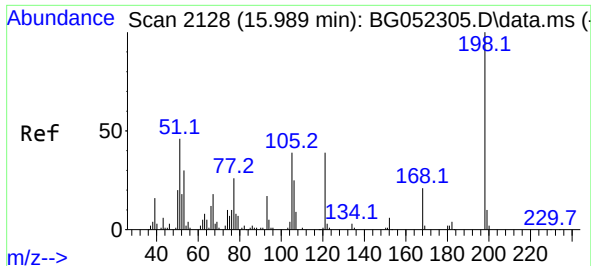


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



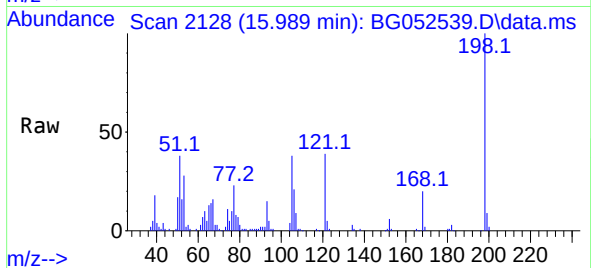
Tgt Ion:188 Resp: 206640
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.4 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 49.456 ng
RT: 15.989 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

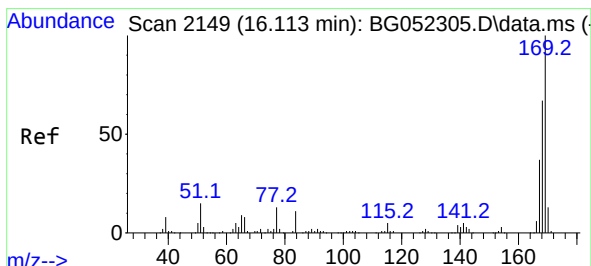
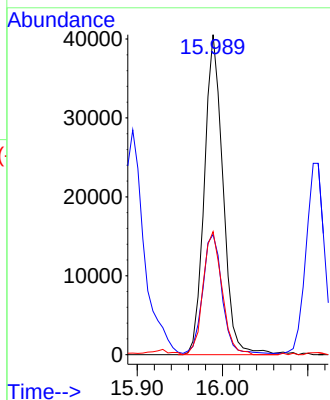
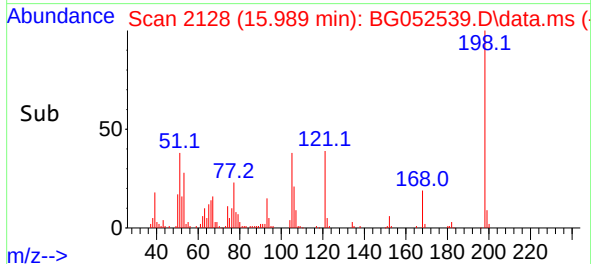
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



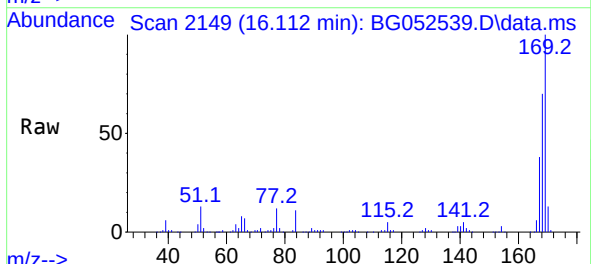
Tgt Ion:198 Resp: 61478
Ion Ratio Lower Upper
198 100
51 37.6 31.6 71.6
105 38.4 22.3 62.3

Manual Integrations
APPROVED

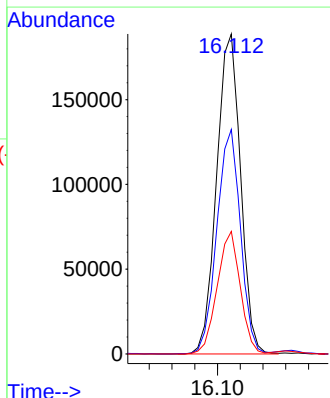
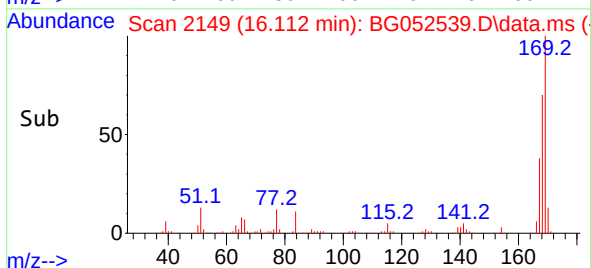
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

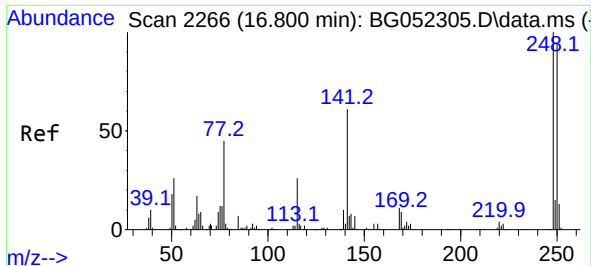


#66
n-Nitrosodiphenylamine
Concen: 48.463 ng
RT: 16.112 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



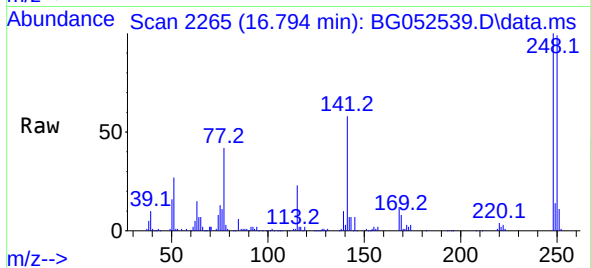
Tgt Ion:169 Resp: 275924
Ion Ratio Lower Upper
169 100
168 70.2 57.4 86.0
167 38.3 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 46.337 ng
RT: 16.794 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

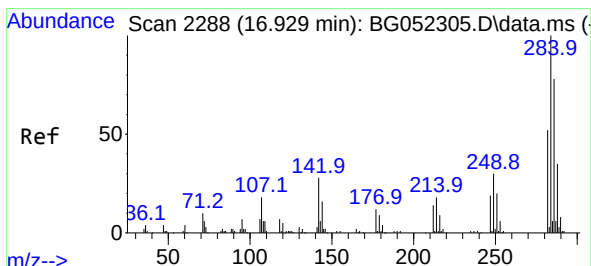
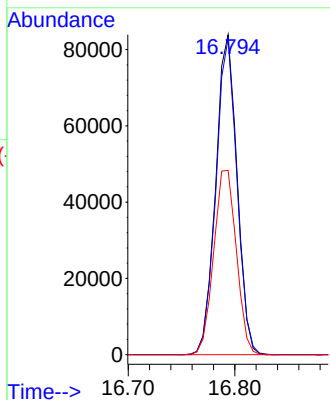
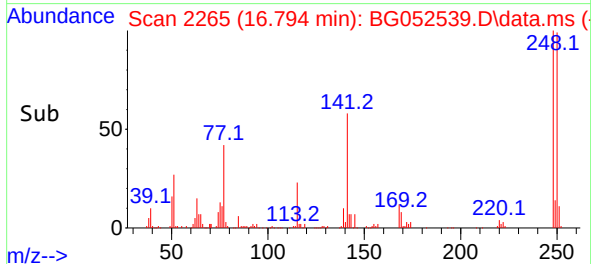
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



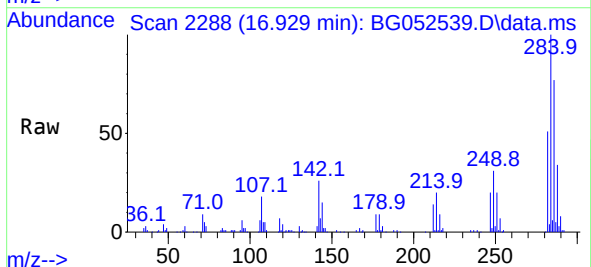
Tgt Ion:248 Resp: 11644
Ion Ratio Lower Upper
248 100
250 98.8 79.6 119.4
141 57.6 54.6 81.8

Manual Integrations
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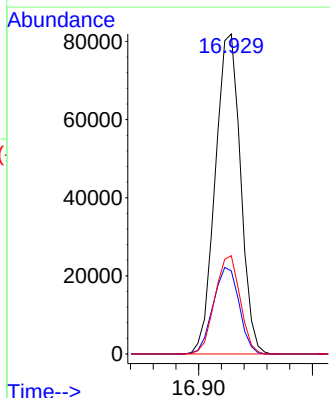
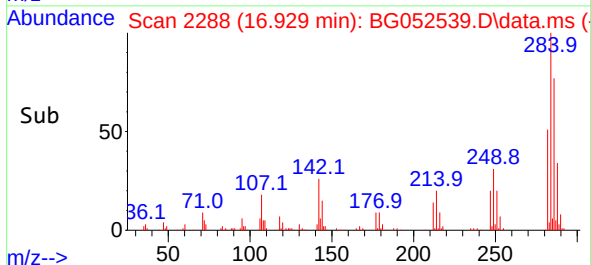
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

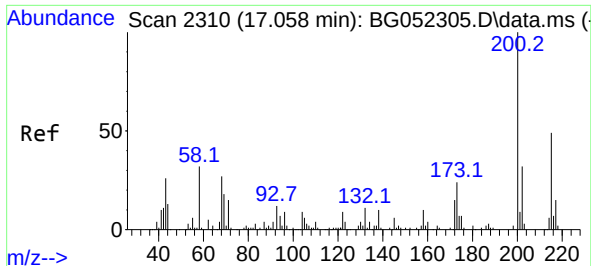


#68
Hexachlorobenzene
Concen: 46.369 ng
RT: 16.929 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



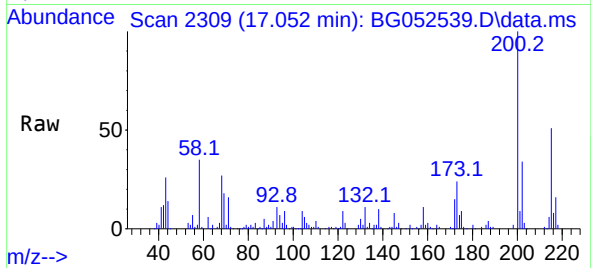
Tgt Ion:284 Resp: 126382
Ion Ratio Lower Upper
284 100
142 26.0 26.2 39.2#
249 30.7 26.9 40.3





#69
 Atrazine
 Concen: 49.969 ng
 RT: 17.052 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG052539.D
 Acq: 2 Mar 2022 16:26

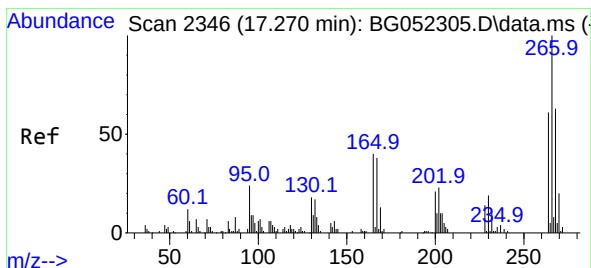
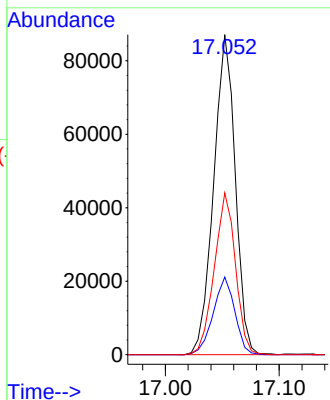
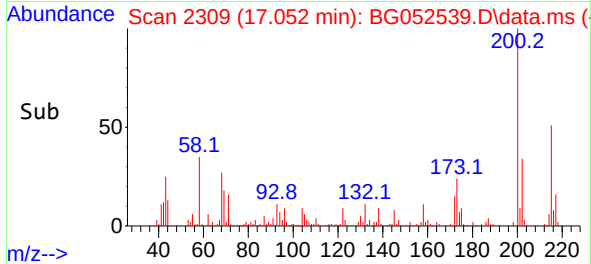
Instrument :
 BNA_G
 ClientSampleId :
 TT-148-IDWSO-20220228MSD



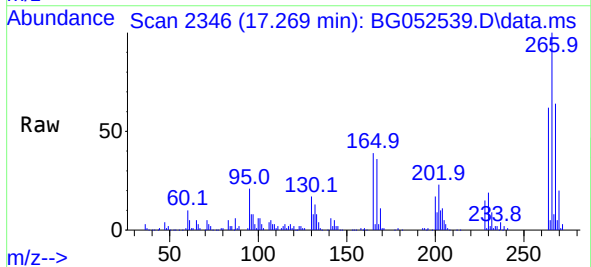
Tgt Ion:200 Resp: 115020
 Ion Ratio Lower Upper
 200 100
 173 24.2 3.3 43.3
 215 50.6 24.4 64.4

Manual Integrations
 APPROVED

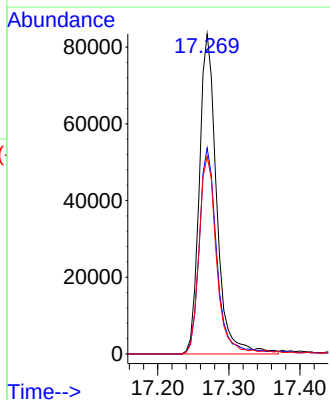
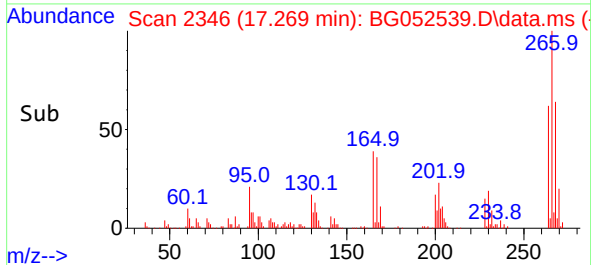
Reviewed By :Christian Giraldo 03/03/2022
 Supervised By :Jagrut Upadhyay 03/04/2022

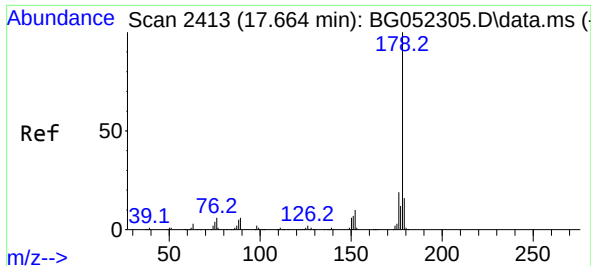


#70
 Pentachlorophenol
 Concen: 106.106 ng
 RT: 17.269 min Scan# 2346
 Delta R.T. -0.000 min
 Lab File: BG052539.D
 Acq: 2 Mar 2022 16:26



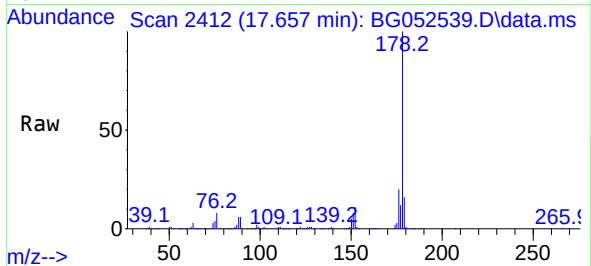
Tgt Ion:266 Resp: 141483
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.6 75.8
 264 61.8 52.2 78.2





#71
Phenanthrene
Concen: 46.924 ng
RT: 17.657 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

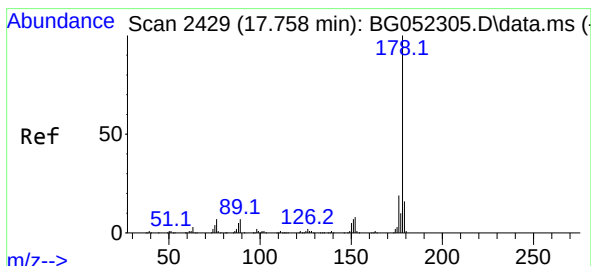
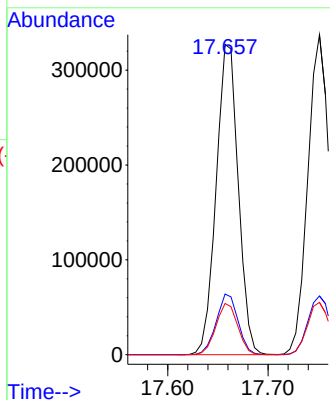
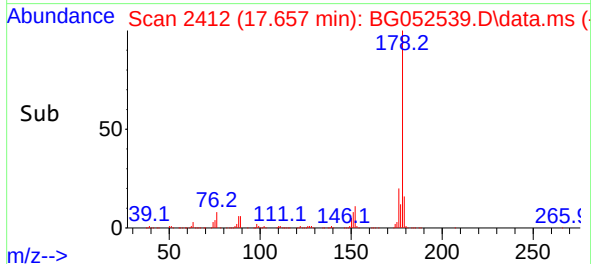
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



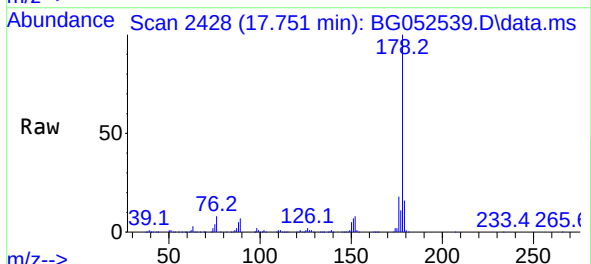
Tgt Ion:178 Resp: 49985
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 16.5 12.6 18.8

Manual Integrations
APPROVED

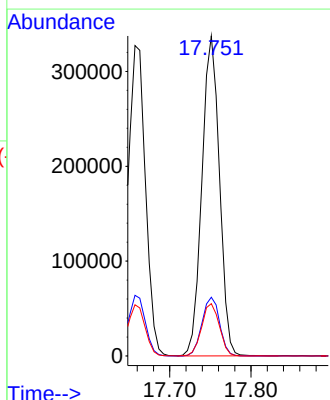
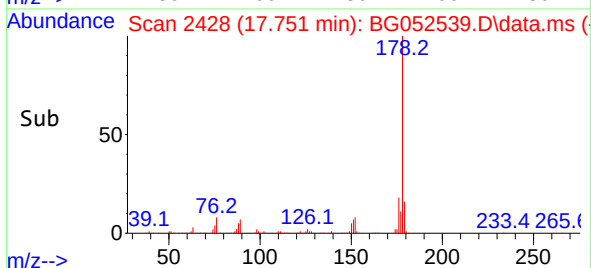
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

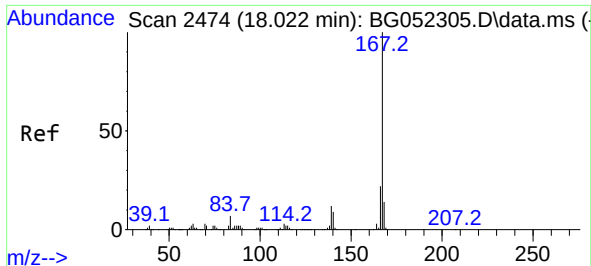


#72
Anthracene
Concen: 48.386 ng
RT: 17.751 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



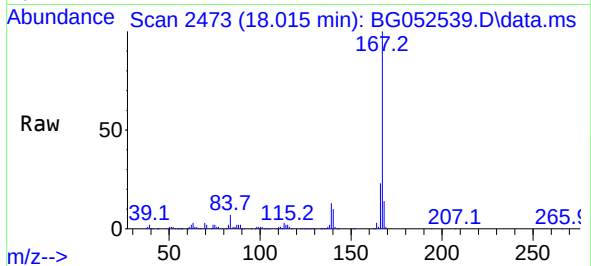
Tgt Ion:178 Resp: 505087
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 16.4 13.1 19.7





#73
Carbazole
Concen: 46.218 ng
RT: 18.015 min Scan# 2473
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

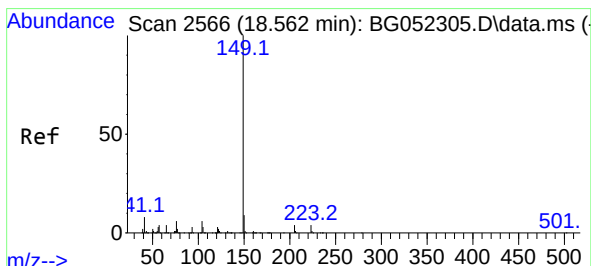
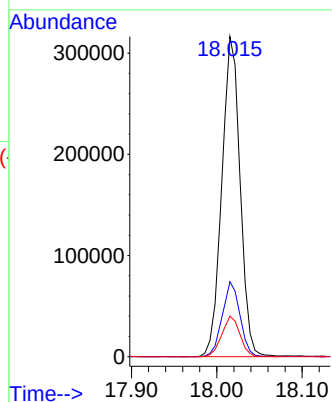
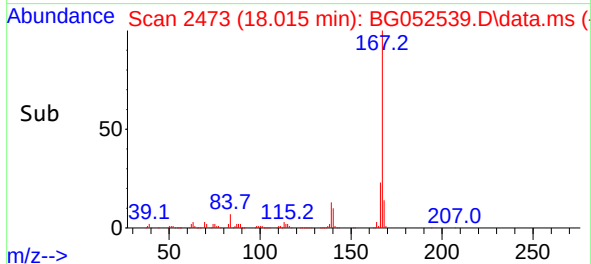
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:167 Resp: 470549
Ion Ratio Lower Upper
167 100
166 23.5 17.8 26.6
139 12.7 10.6 16.0

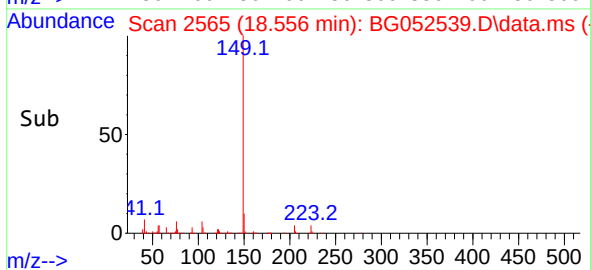
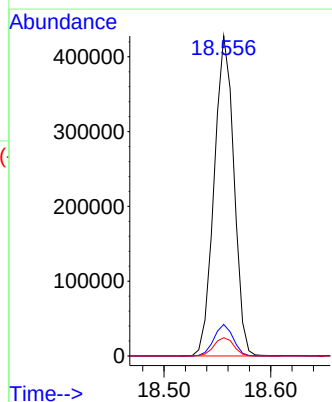
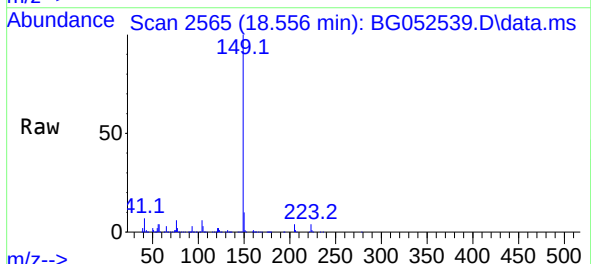
Manual Integrations
APPROVED

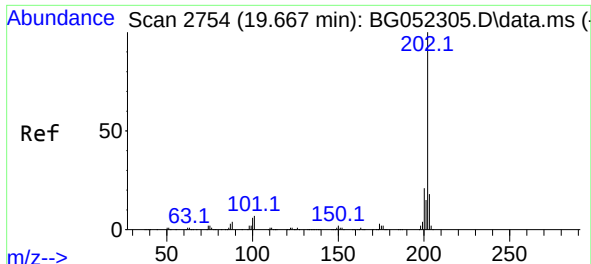
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#74
Di-n-butylphthalate
Concen: 49.571 ng
RT: 18.556 min Scan# 2565
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

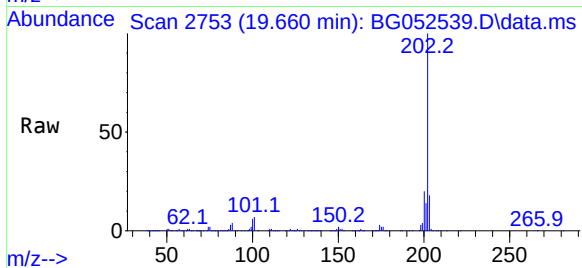
Tgt Ion:149 Resp: 549876
Ion Ratio Lower Upper
149 100
150 9.9 7.4 11.0
104 5.7 5.4 8.2





#75
Fluoranthene
Concen: 46.316 ng
RT: 19.660 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

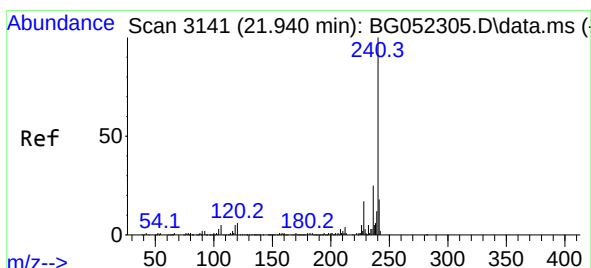
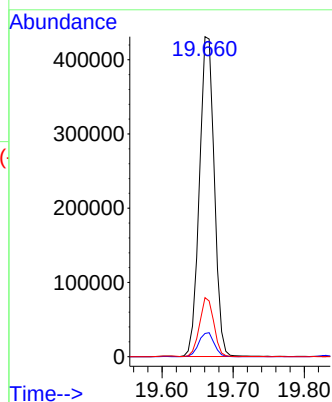
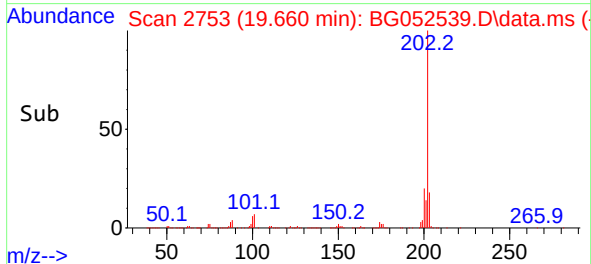
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:202 Resp: 628228
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.1
203 18.5 0.0 37.8

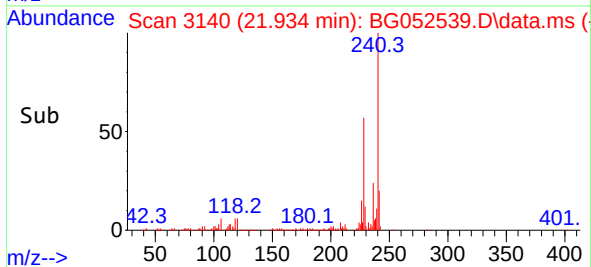
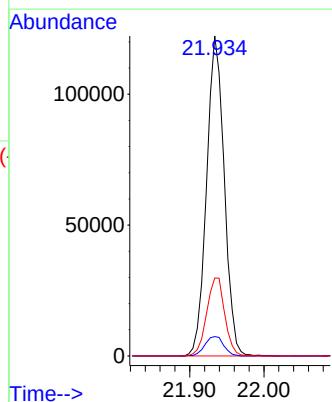
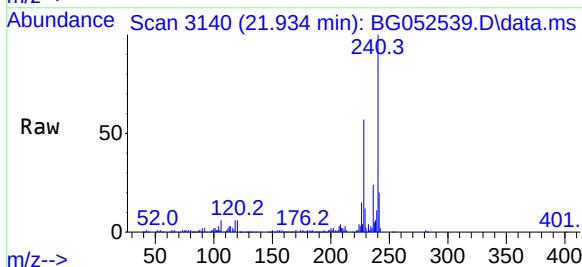
Manual Integrations
APPROVED

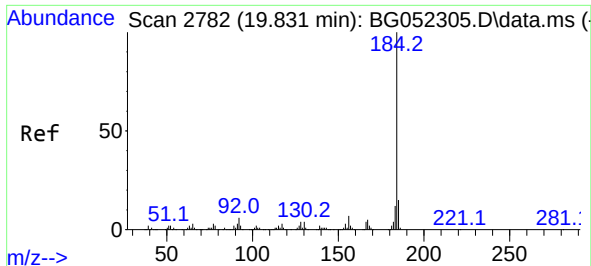
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

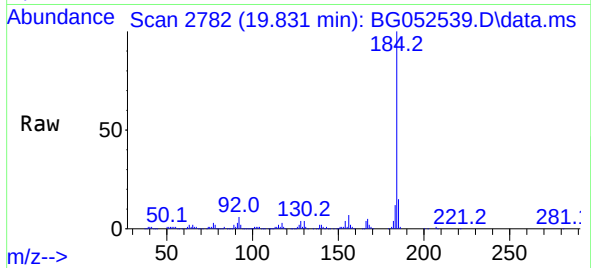
Tgt Ion:240 Resp: 202116
Ion Ratio Lower Upper
240 100
120 6.1 4.4 6.6
236 24.3 20.8 31.2





#77
Benzidine
Concen: 64.086 ng
RT: 19.831 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

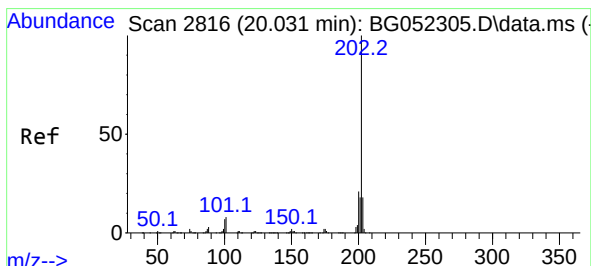
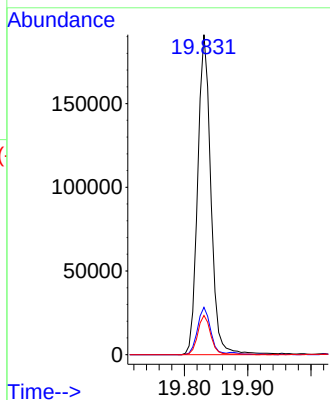
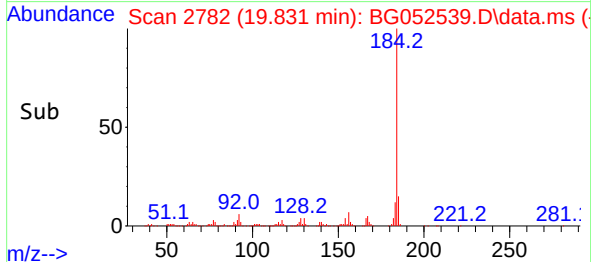
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:184 Resp: 27677
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 12.2 9.8 14.6

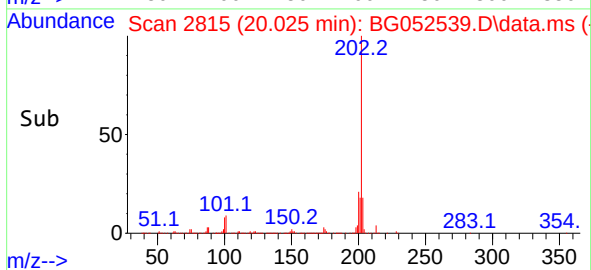
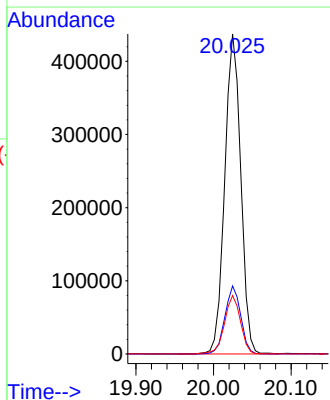
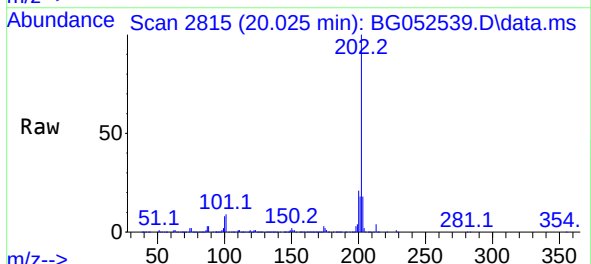
Manual Integrations
APPROVED

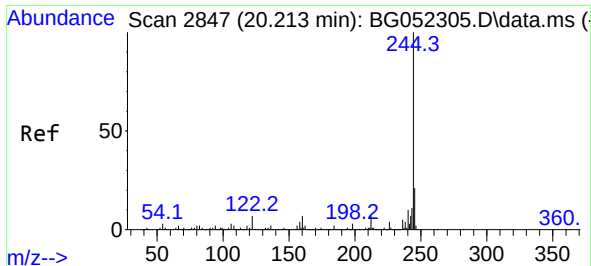
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#78
Pyrene
Concen: 46.555 ng
RT: 20.025 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

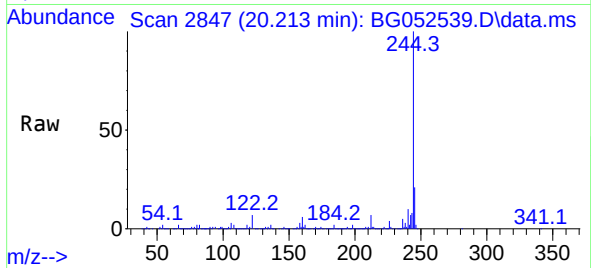
Tgt Ion:202 Resp: 629624
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.3 14.5 21.7





#79
 Terphenyl-d14
 Concen: 77.057 ng
 RT: 20.213 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BG052539.D
 Acq: 2 Mar 2022 16:26

Instrument : BNA_G
 ClientSampleId : TT-148-IDWSO-20220228MSD

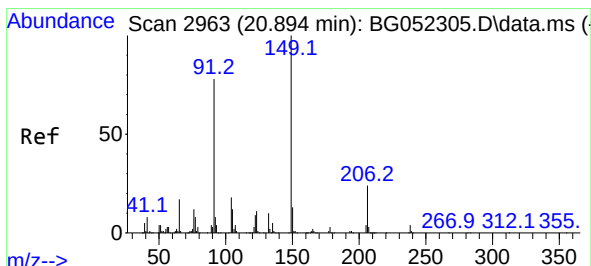
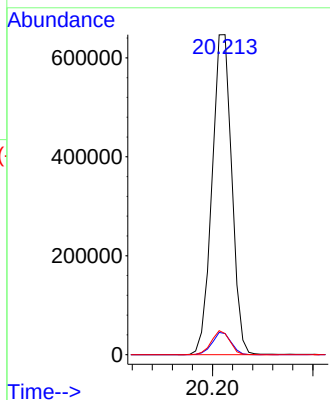
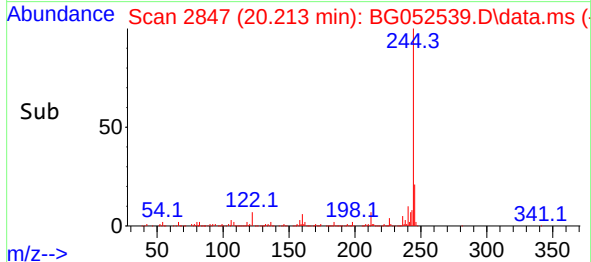


Tgt Ion:244 Resp: 88197
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.6 6.2 9.4

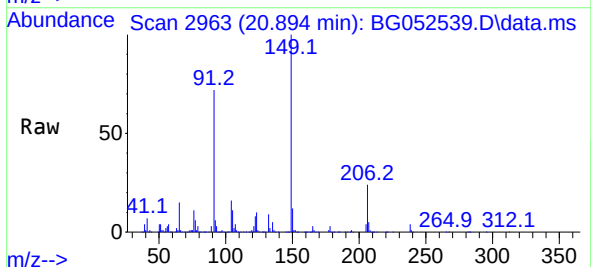
Manual Integrations

APPROVED

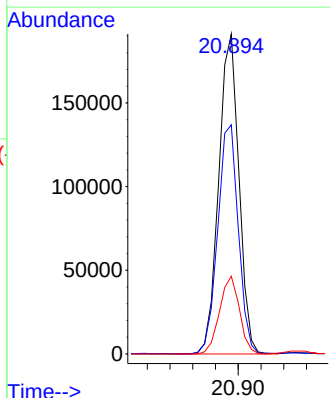
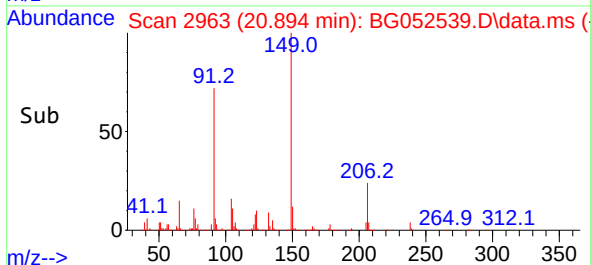
Reviewed By :Christian Giraldo 03/03/2022
 Supervised By :Jagrut Upadhyay 03/04/2022

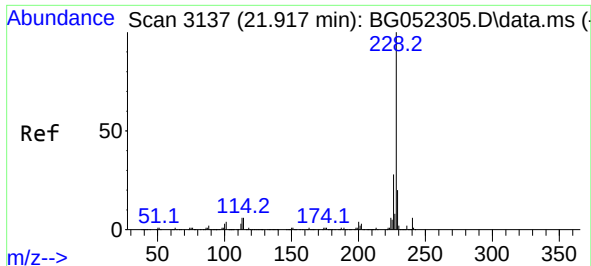


#80
 Butylbenzylphthalate
 Concen: 50.170 ng
 RT: 20.894 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: BG052539.D
 Acq: 2 Mar 2022 16:26



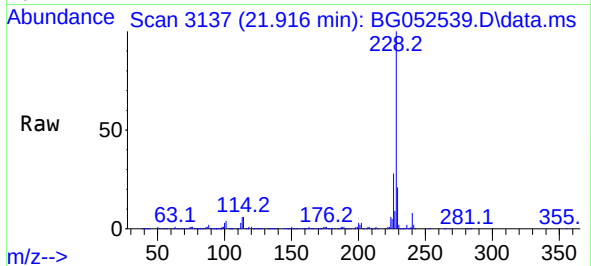
Tgt Ion:149 Resp: 235690
 Ion Ratio Lower Upper
 149 100
 91 71.6 64.0 96.0
 206 24.3 19.3 28.9





#81
Benzo(a)anthracene
Concen: 48.124 ng
RT: 21.916 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

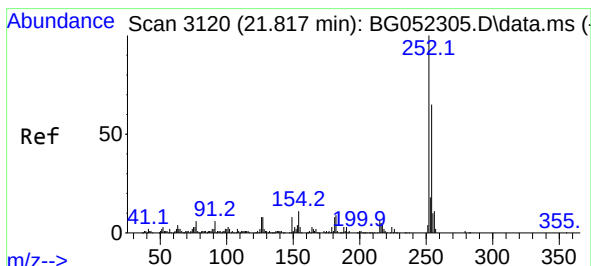
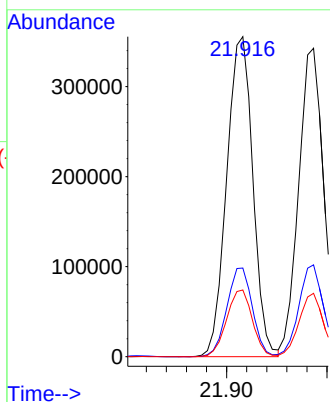
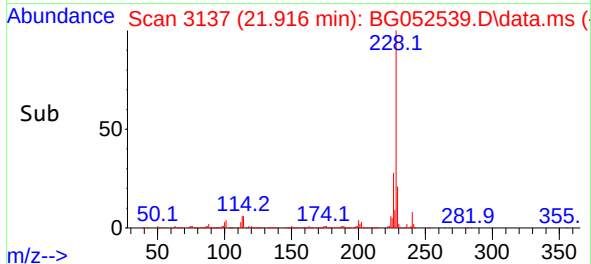
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:228 Resp: 643650
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.8 16.0 24.0

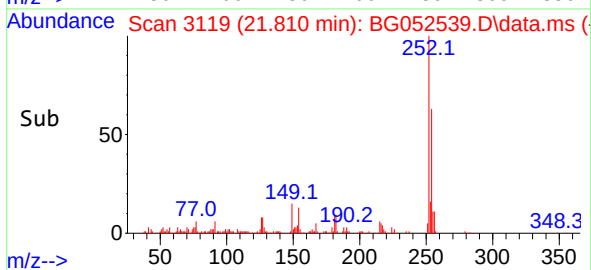
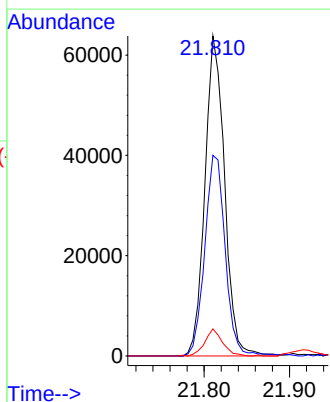
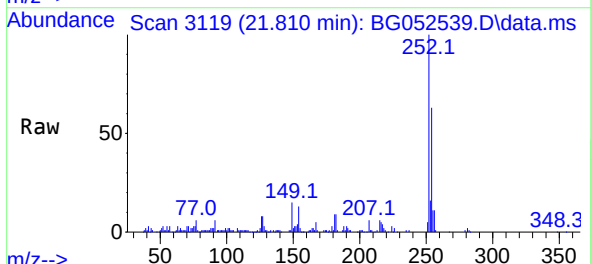
Manual Integrations
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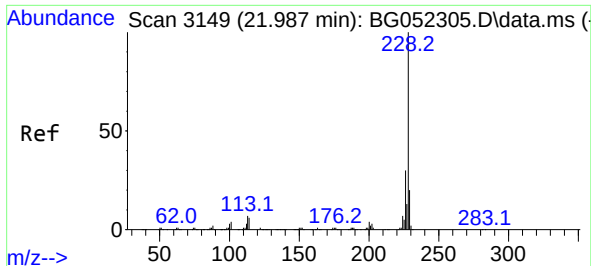
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#82
3,3'-Dichlorobenzidine
Concen: 21.844 ng
RT: 21.810 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

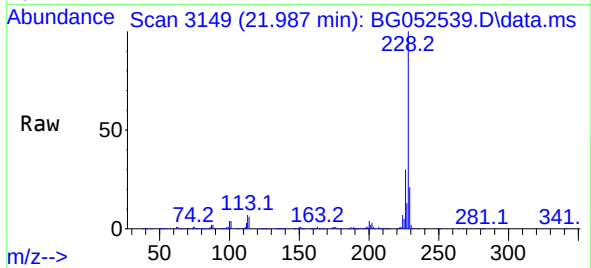
Tgt Ion:252 Resp: 101996
Ion Ratio Lower Upper
252 100
254 62.7 52.6 79.0
126 8.5 6.4 9.6





#83
Chrysene
Concen: 46.570 ng
RT: 21.987 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

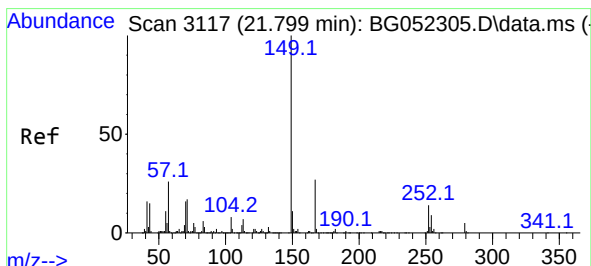
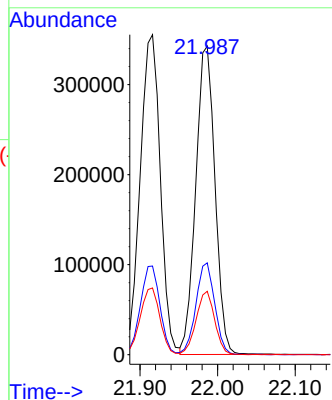
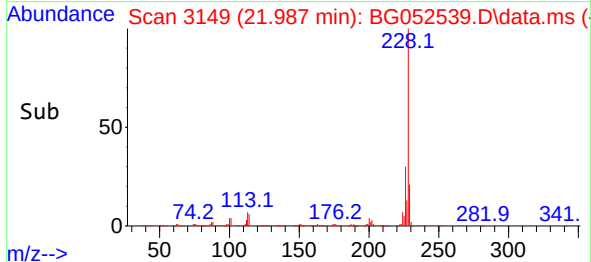
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:228 Resp: 59023
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 20.5 16.4 24.6

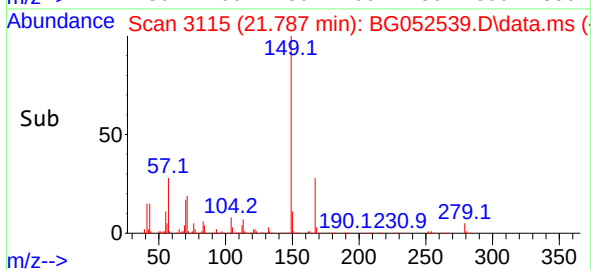
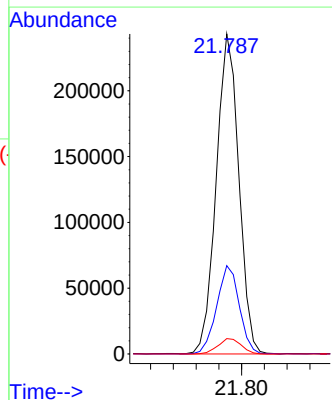
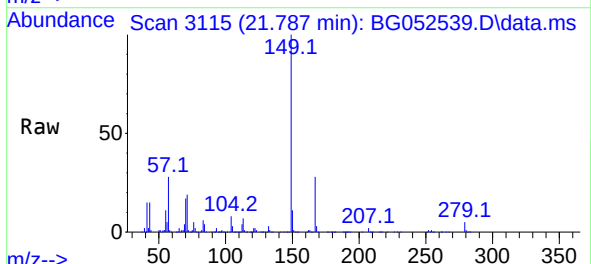
Manual Integrations
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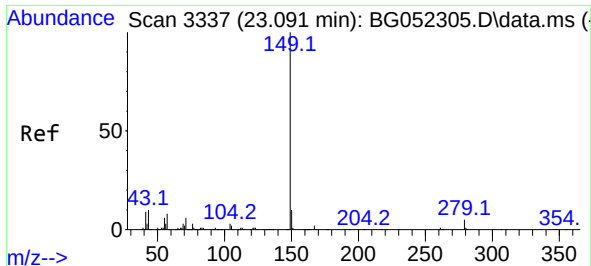
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.513 ng
RT: 21.787 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

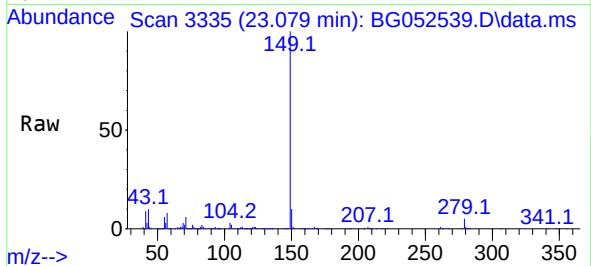
Tgt Ion:149 Resp: 335561
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 4.8 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 53.284 ng
RT: 23.079 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

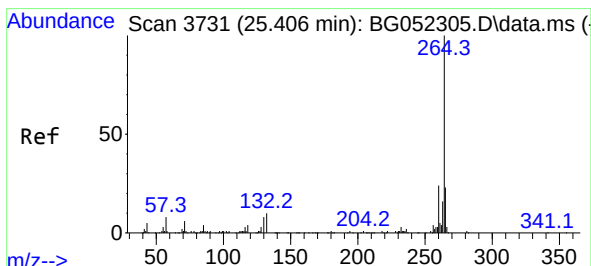
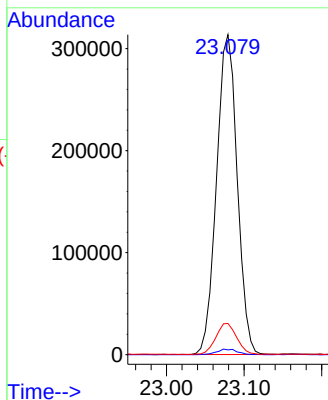
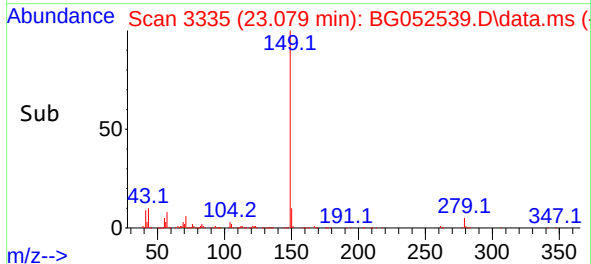
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:149 Resp: 58194
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.7 10.0 15.0

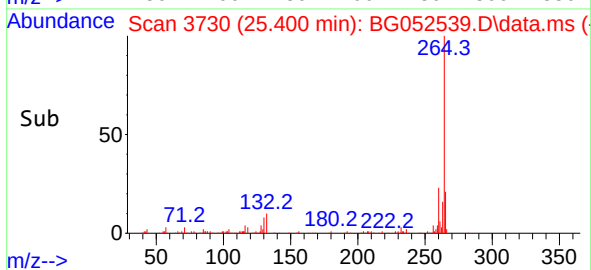
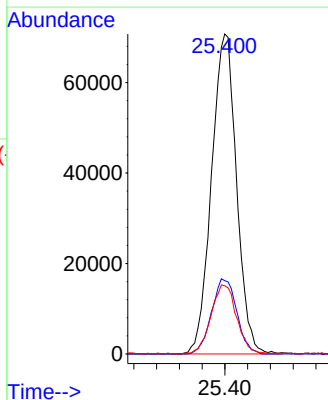
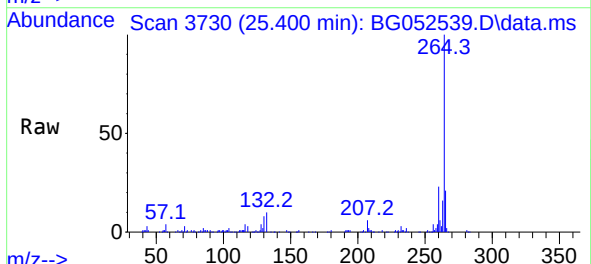
Manual Integrations
APPROVED

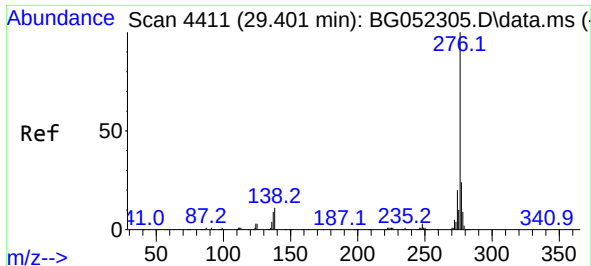
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.400 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

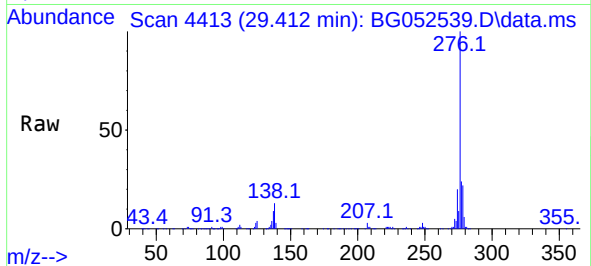
Tgt Ion:264 Resp: 215837
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.3 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.791 ng
 RT: 29.412 min Scan# 4411
 Delta R.T. 0.011 min
 Lab File: BG052539.D
 Acq: 2 Mar 2022 16:26

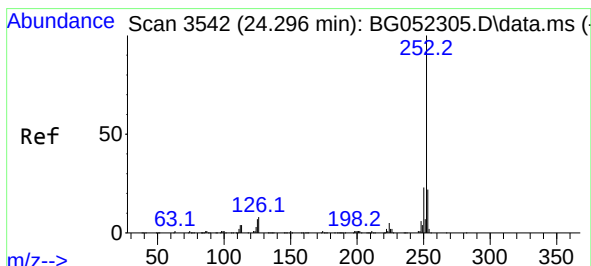
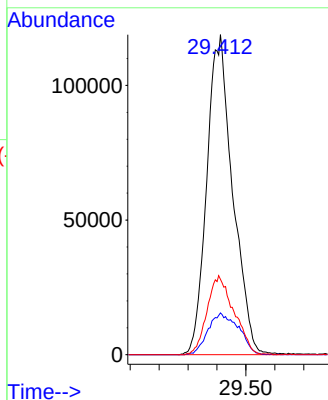
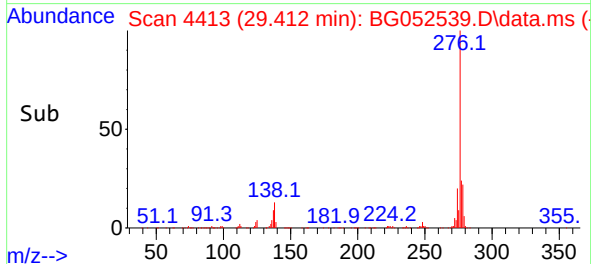
Instrument :
 BNA_G
 ClientSampleId :
 TT-148-IDWSO-20220228MSD



Tgt Ion:276 Resp: 739030
 Ion Ratio Lower Upper
 276 100
 138 15.4 6.1 9.1
 277 25.6 20.2 30.4

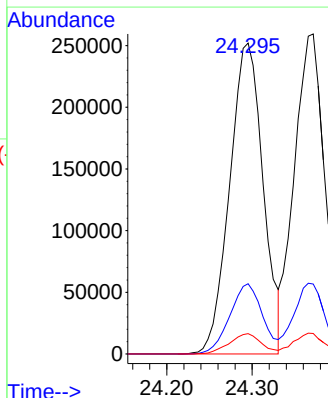
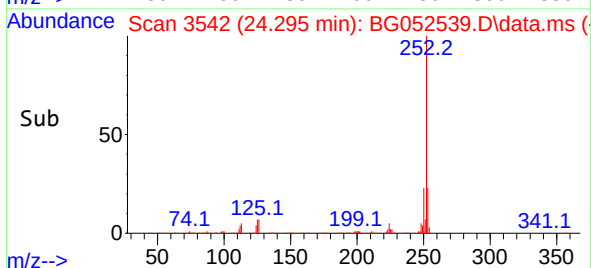
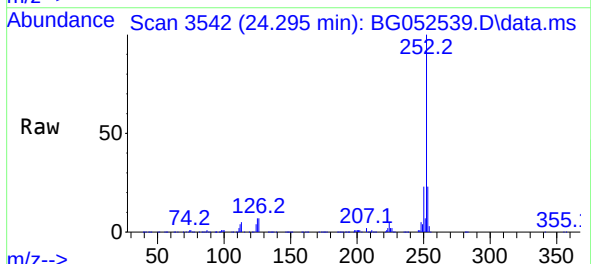
Manual Integrations
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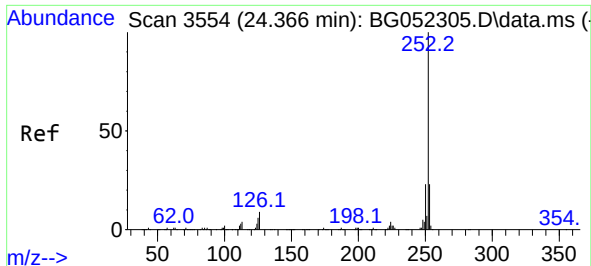
Reviewed By :Christian Giraldo 03/03/2022
 Supervised By :Jagrut Upadhyay 03/04/2022



#88
 Benzo(b)fluoranthene
 Concen: 51.142 ng
 RT: 24.295 min Scan# 3542
 Delta R.T. -0.001 min
 Lab File: BG052539.D
 Acq: 2 Mar 2022 16:26

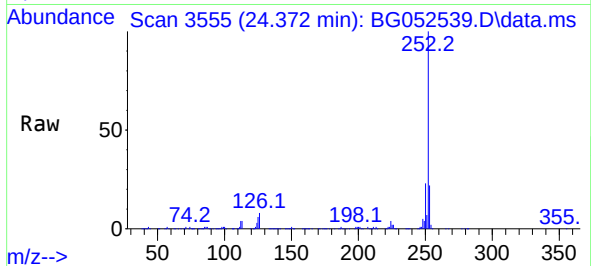
Tgt Ion:252 Resp: 687857
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.3 27.5
 125 6.5 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 48.361 ng
RT: 24.372 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

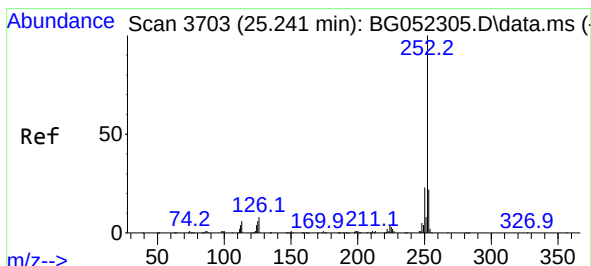
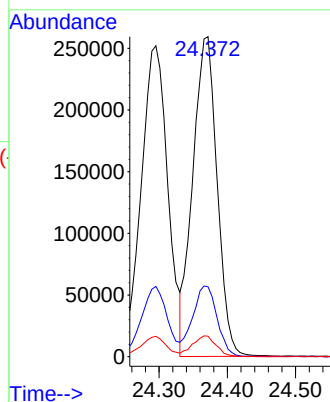
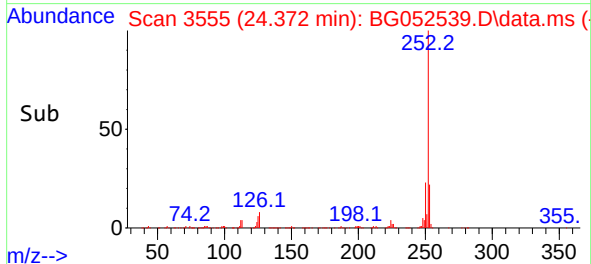
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



Tgt Ion:252 Resp: 642559
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 6.4 4.6 7.0

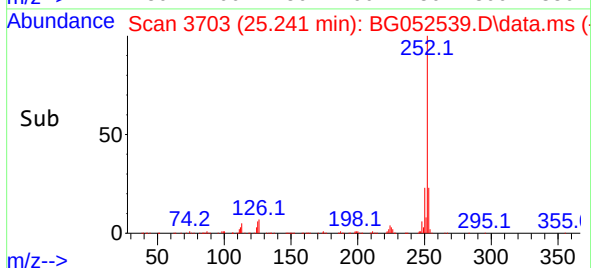
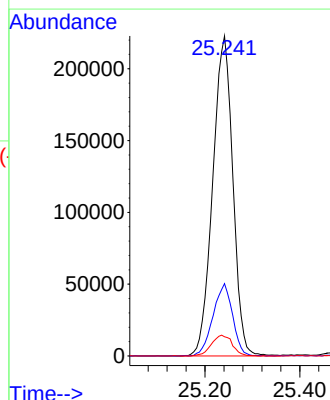
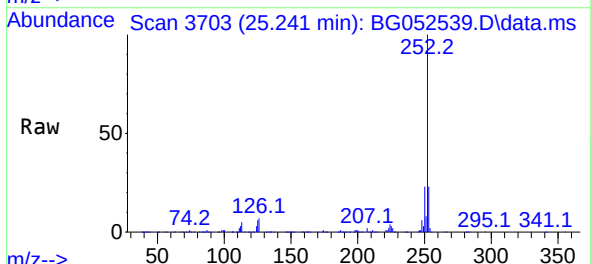
Manual Integrations
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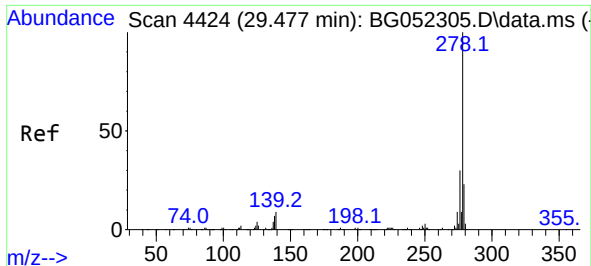
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#90
Benzo(a)pyrene
Concen: 57.796 ng
RT: 25.241 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

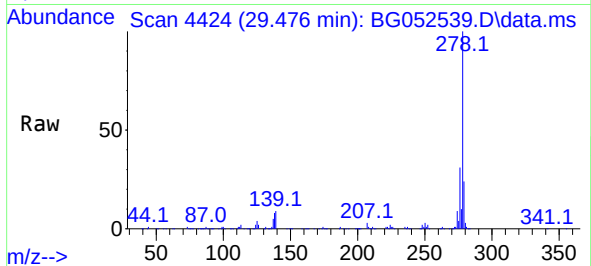
Tgt Ion:252 Resp: 656663
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 6.0 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 49.156 ng
RT: 29.476 min Scan# 4424
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26

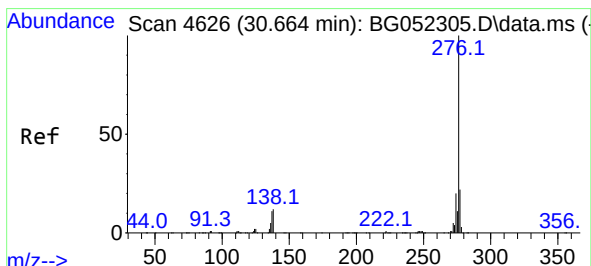
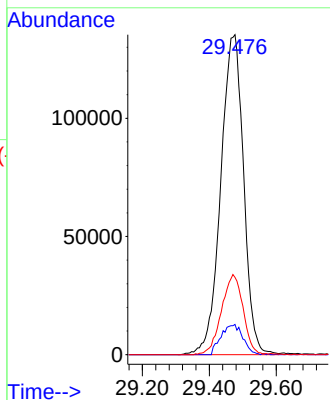
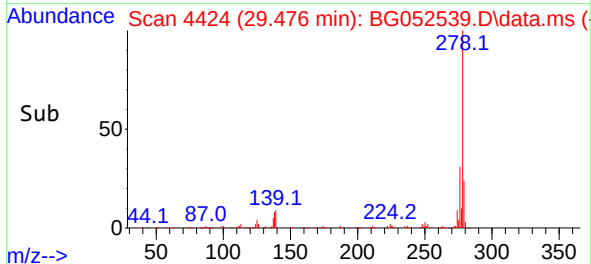
Instrument :
BNA_G
ClientSampleId :
TT-148-IDWSO-20220228MSD



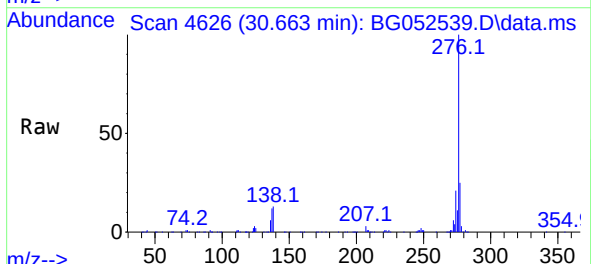
Tgt Ion: 278 Resp: 64136
Ion Ratio Lower Upper
278 100
139 9.4 6.4 9.6
279 24.2 20.1 30.1

Manual Integrations
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Reviewed By : Christian Giraldo 03/03/2022
Supervised By : Jagrut Upadhyay 03/04/2022



#92
Benzo(g,h,i)perylene
Concen: 49.730 ng
RT: 30.663 min Scan# 4626
Delta R.T. -0.000 min
Lab File: BG052539.D
Acq: 2 Mar 2022 16:26



Tgt Ion: 276 Resp: 636784
Ion Ratio Lower Upper
276 100
277 24.7 18.2 27.2
138 12.9 9.1 13.7

