

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054364.D
 Acq On : 22 Jul 2022 17:56
 Operator : CG/JU
 Sample : N3814-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-3(10-15)MSD

Quant Time: Jul 23 00:12:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	18757	20.000	ng	-0.01
21) Naphthalene-d8	10.802	136	71883	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	59581	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	167424	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	192197	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	205563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	76347	84.984	ng	0.00
7) Phenol-d6	7.177	99	102797	83.507	ng	0.00
23) Nitrobenzene-d5	9.157	82	64164	48.609	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	107075	85.593	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	201858	47.794	ng	0.00
79) Terphenyl-d14	19.980	244	499278	51.534	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	10903m	30.506	ng	
3) Pyridine	3.816	79	30335	33.458	ng	97
4) n-Nitrosodimethylamine	3.734	42	23068	45.502	ng	# 77
6) Aniline	7.312	93	53243	37.471	ng	97
8) 2-Chlorophenol	7.565	128	48888	47.353	ng	91
9) Benzaldehyde	7.124	77	23247	36.203	ng	# 73
10) Phenol	7.201	94	59348	48.524	ng	95
11) bis(2-Chloroethyl)ether	7.406	93	38872	43.590	ng	94
12) 1,3-Dichlorobenzene	7.882	146	54267	43.141	ng	92
13) 1,4-Dichlorobenzene	8.029	146	55267	42.545	ng	96
14) 1,2-Dichlorobenzene	8.346	146	55409	45.233	ng	99
15) Benzyl Alcohol	8.235	79	47743	47.156	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.517	45	47899	42.649	ng	92
17) 2-Methylphenol	8.452	107	41464	47.036	ng	94
18) Hexachloroethane	9.075	117	18768	43.634	ng	# 66
19) n-Nitroso-di-n-propyla...	8.799	70	34761	42.287	ng	# 91
20) 3+4-Methylphenols	8.781	107	57198	46.050	ng	98
22) Acetophenone	8.816	105	74686	43.199	ng	# 97
24) Nitrobenzene	9.198	77	55458	42.990	ng	# 89
25) Isophorone	9.721	82	102791	44.776	ng	# 92
26) 2-Nitrophenol	9.909	139	29365	45.160	ng	91
27) 2,4-Dimethylphenol	9.980	122	47896	53.321	ng	91
28) bis(2-Chloroethoxy)met...	10.203	93	55018	47.518	ng	97
29) 2,4-Dichlorophenol	10.461	162	64083	47.264	ng	88
30) 1,2,4-Trichlorobenzene	10.667	180	71772	42.741	ng	# 94
31) Naphthalene	10.855	128	159937	44.324	ng	99
32) Benzoic acid	10.144	122	22344	60.326	ng	# 77
33) 4-Chloroaniline	10.961	127	36462	24.848	ng	93
34) Hexachlorobutadiene	11.137	225	62254	41.950	ng	98
35) Caprolactam	11.736	113	16794m	49.192	ng	
36) 4-Chloro-3-methylphenol	12.101	107	59180	47.978	ng	85
37) 2-Methylnaphthalene	12.459	142	124019	44.756	ng	96
38) 1-Methylnaphthalene	12.676	142	116865	43.282	ng	98
40) 1,2,4,5-Tetrachloroben...	12.829	216	111875	42.859	ng	# 95
41) Hexachlorocyclopentadiene	12.806	237	84375	97.454	ng	96
43) 2,4,6-Trichlorophenol	13.070	196	66742	46.958	ng	95

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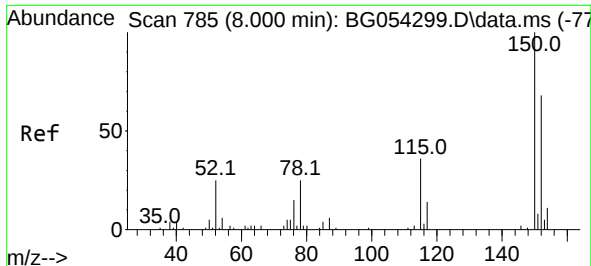
Manual Integrations
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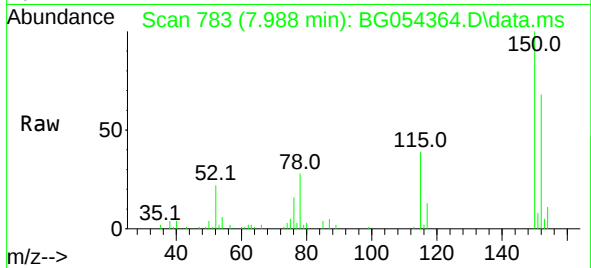
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.158	196	74421	46.342	ng	# 90
46) 1,1'-Biphenyl	13.464	154	177004	43.425	ng	97
47) 2-Chloronaphthalene	13.505	162	145032	42.516	ng	96
48) 2-Nitroaniline	13.711	65	40032	44.967	ng	# 88
49) Acenaphthylene	14.351	152	219474	43.299	ng	100
50) Dimethylphthalate	14.081	163	201795	43.361	ng	# 99
51) 2,6-Dinitrotoluene	14.204	165	45777	44.845	ng	# 73
52) Acenaphthene	14.692	154	135765	44.232	ng	97
53) 3-Nitroaniline	14.533	138	26797	31.389	ng	# 84
54) 2,4-Dinitrophenol	14.751	184	57617	95.824	ng	# 79
55) Dibenzofuran	15.027	168	240131	43.969	ng	95
56) 4-Nitrophenol	14.874	139	58329	102.408	ng	97
57) 2,4-Dinitrotoluene	14.997	165	68229	46.625	ng	# 83
58) Fluorene	15.673	166	200734	44.705	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.262	232	73916	47.276	ng	# 85
60) Diethylphthalate	15.438	149	196609	44.038	ng	95
61) 4-Chlorophenyl-phenyle...	15.661	204	133042	45.138	ng	# 89
62) 4-Nitroaniline	15.702	138	38677	43.122	ng	93
63) Azobenzene	15.955	77	139361	43.202	ng	84
65) 4,6-Dinitro-2-methylph...	15.767	198	45585	44.071	ng	75
66) n-Nitrosodiphenylamine	15.879	169	180929	43.284	ng	94
67) 4-Bromophenyl-phenylether	16.554	248	102393	43.546	ng	# 91
68) Hexachlorobenzene	16.684	284	116789	43.432	ng	# 90
69) Atrazine	16.825	200	93668	50.356	ng	93
70) Pentachlorophenol	17.036	266	104411	89.071	ng	95
71) Phenanthrene	17.418	178	431373	51.738	ng	96
72) Anthracene	17.506	178	377638	46.156	ng	99
73) Carbazole	17.776	167	305228	45.313	ng	98
74) Di-n-butylphthalate	18.329	149	341444	42.954	ng	98
75) Fluoranthene	19.427	202	605333	53.260	ng	95
77) Benzidine	19.604	184	213976	61.473	ng	98
78) Pyrene	19.786	202	596767	54.113	ng	98
80) Butylbenzylphthalate	20.667	149	144282	41.983	ng	# 83
81) Benzo(a)anthracene	21.619	228	590364	48.388	ng	99
82) 3,3'-Dichlorobenzidine	21.531	252	147791	38.950	ng	# 98
83) Chrysene	21.684	228	537419	46.624	ng	97
84) Bis(2-ethylhexyl)phtha...	21.519	149	211678	43.529	ng	# 91
85) Di-n-octyl phthalate	22.718	149	351239	42.337	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.511	276	689637	44.100	ng	# 98
88) Benzo(b)fluoranthene	23.828	252	621808	51.149	ng	# 97
89) Benzo(k)fluoranthene	23.893	252	555967	45.953	ng	# 98
90) Benzo(a)pyrene	24.692	252	547187m	52.705	ng	
91) Dibenzo(a,h)anthracene	28.564	278	569817	44.313	ng	# 96
92) Benzo(g,h,i)perylene	29.662	276	592590	46.692	ng	# 92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.988 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

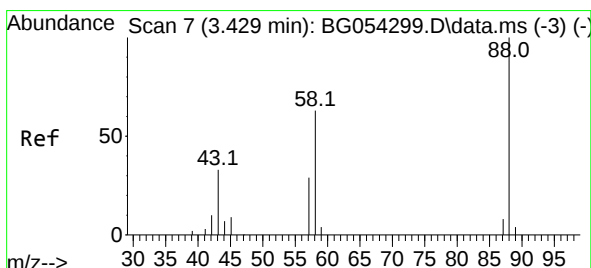
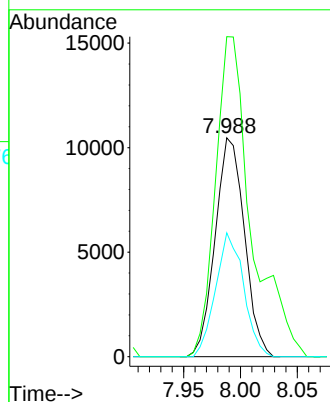
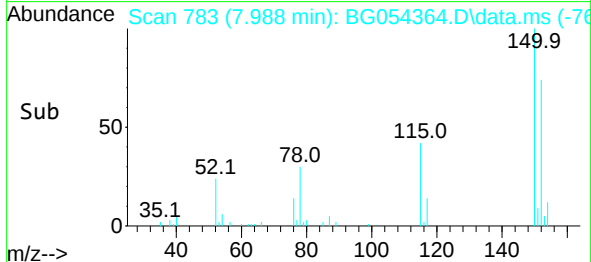
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



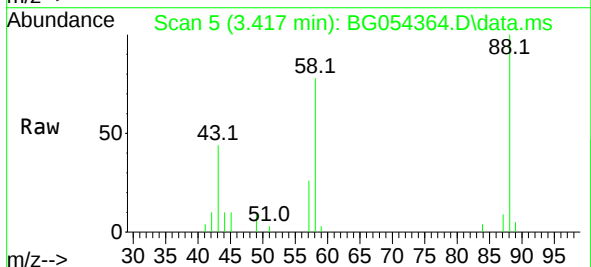
Tgt Ion:152 Resp: 1875
Ion Ratio Lower Upper
152 100
150 146.2 131.6 197.4
115 56.6 50.9 76.3

Manual Integrations
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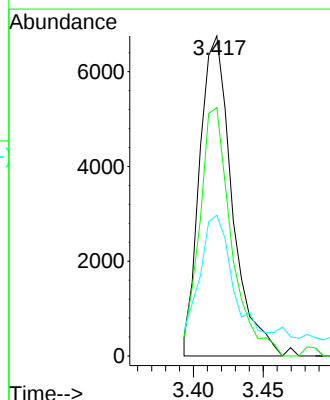
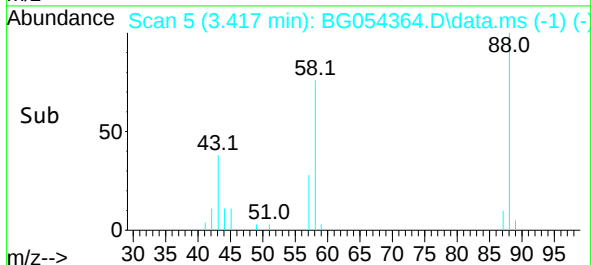
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#2
1,4-Dioxane
Concen: 30.506 ng m
RT: 3.417 min Scan# 5
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



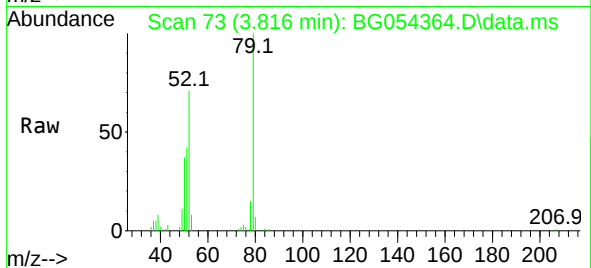
Tgt Ion: 88 Resp: 10903
Ion Ratio Lower Upper
88 100
58 61.2 59.2 88.8
43 27.7 24.3 36.5





#3
Pyridine
Concen: 33.458 ng
RT: 3.816 min Scan# 71
Delta R.T. -0.018 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

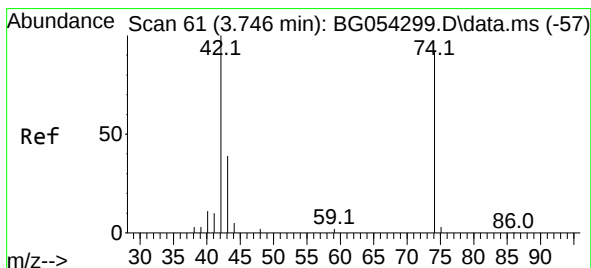
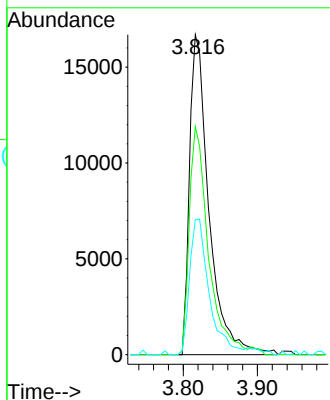
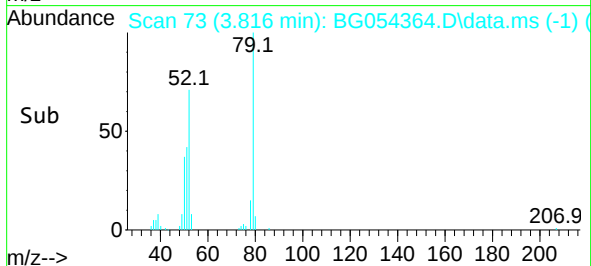
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



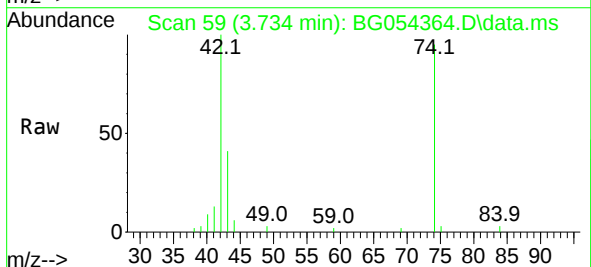
Tgt Ion: 79 Resp: 3033
Ion Ratio Lower Upper
79 100
52 71.3 54.6 81.8
51 42.2 32.5 48.7

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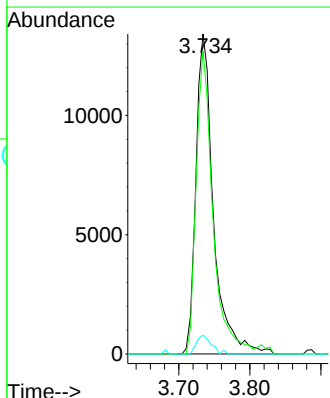
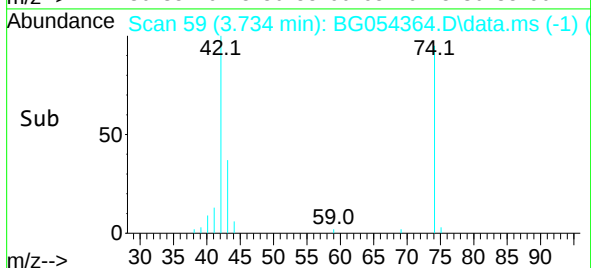
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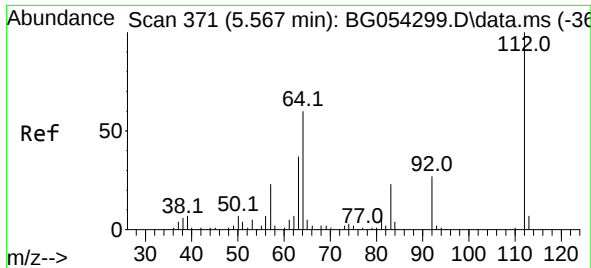


#4
n-Nitrosodimethylamine
Concen: 45.502 ng
RT: 3.734 min Scan# 59
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



Tgt Ion: 42 Resp: 23068
Ion Ratio Lower Upper
42 100
74 94.7 97.0 145.4#
44 5.8 7.0 10.4#





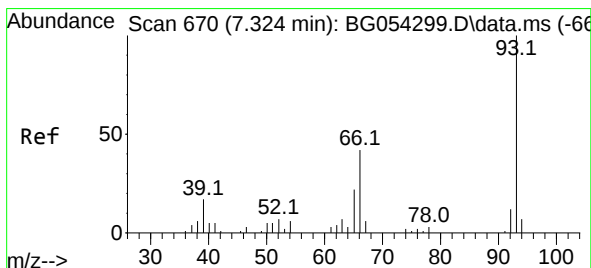
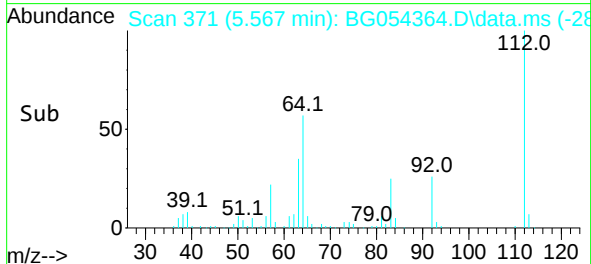
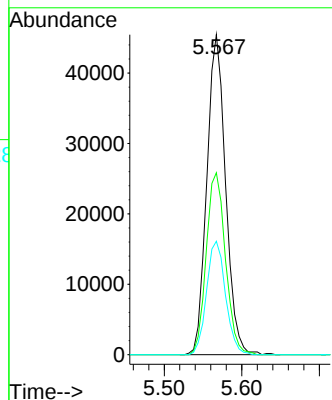
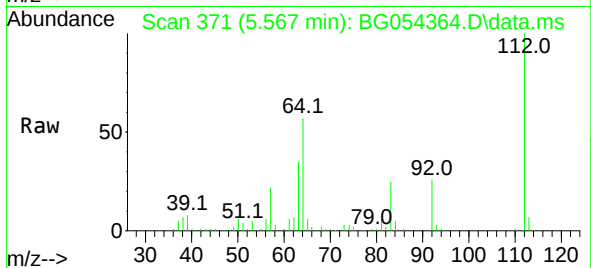
#5
2-Fluorophenol
Concen: 84.984 ng
RT: 5.567 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD

Tgt Ion:112 Resp: 7634
Ion Ratio Lower Upper
112 100
64 56.8 55.1 82.7
63 35.5 30.4 45.6

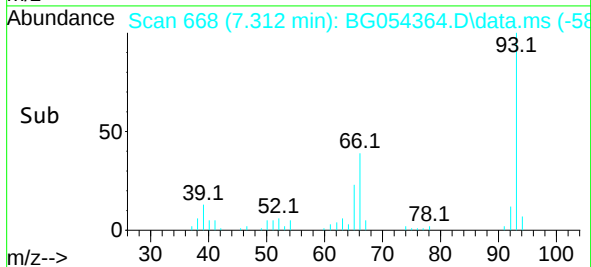
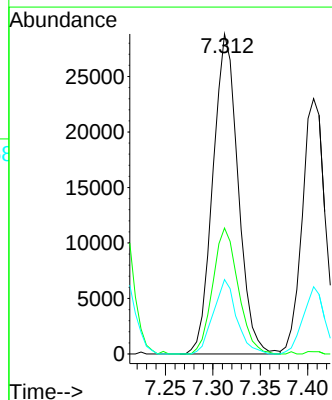
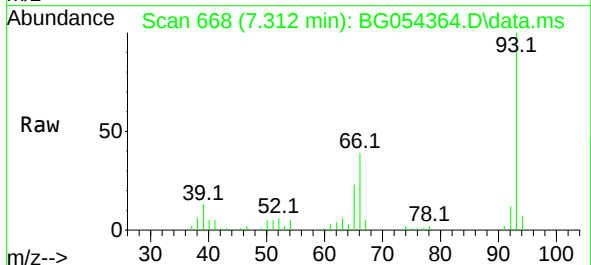
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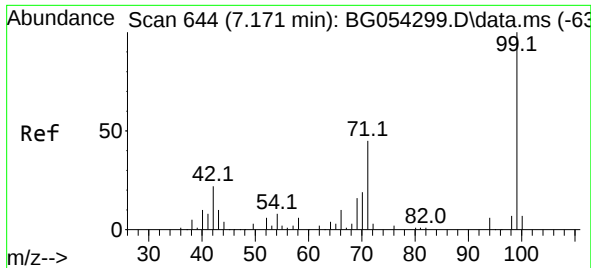
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#6
Aniline
Concen: 37.471 ng
RT: 7.312 min Scan# 668
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

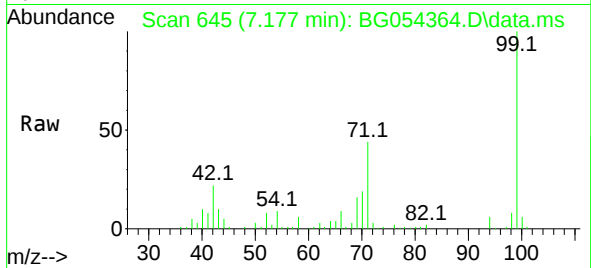
Tgt Ion: 93 Resp: 53243
Ion Ratio Lower Upper
93 100
66 39.3 32.9 49.3
65 23.2 17.8 26.8





#7
Phenol-d6
Concen: 83.507 ng
RT: 7.177 min Scan# 644
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

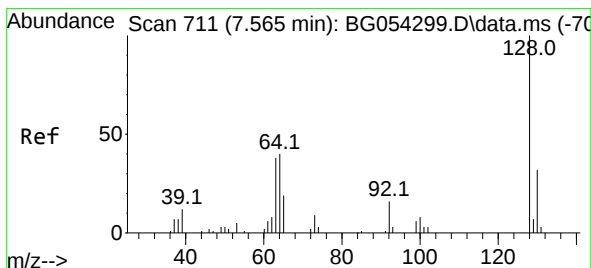
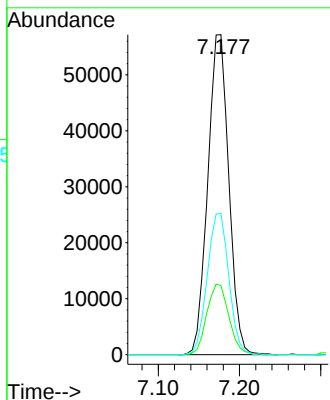
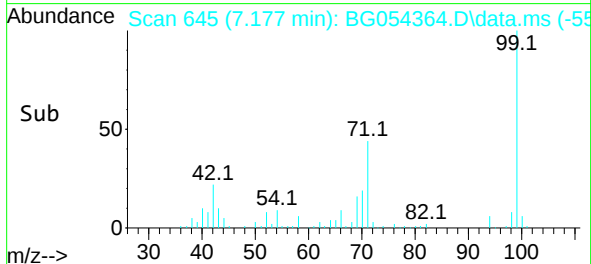
Instrument :
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Tgt Ion: 99 Resp: 10279
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 44.1 33.8 50.8

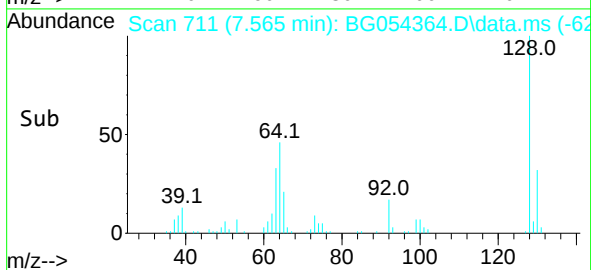
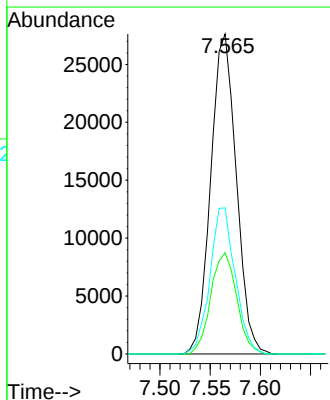
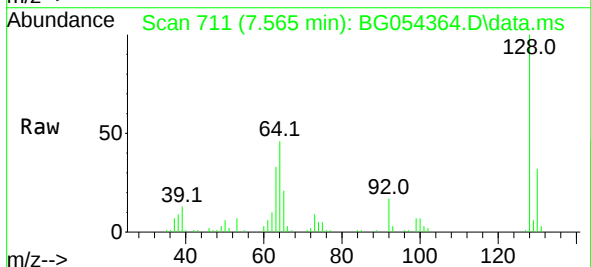
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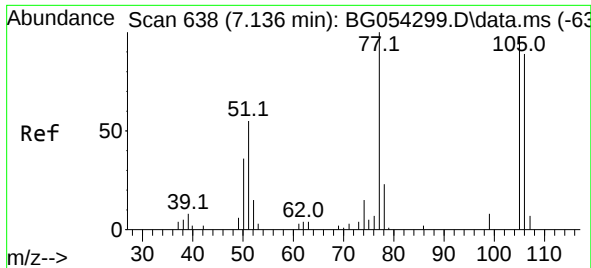
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#8
2-Chlorophenol
Concen: 47.353 ng
RT: 7.565 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG054364.D
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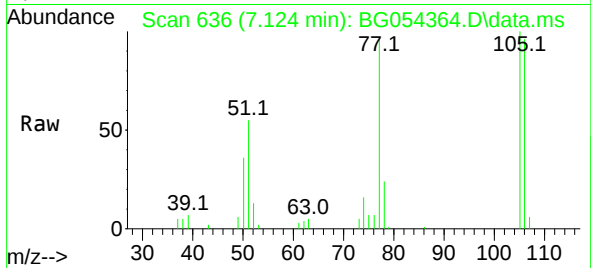
Tgt Ion:128 Resp: 48888
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 45.6 35.1 75.1





#9
Benzaldehyde
Concen: 36.203 ng
RT: 7.124 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

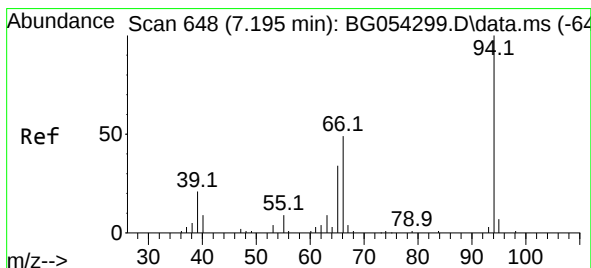
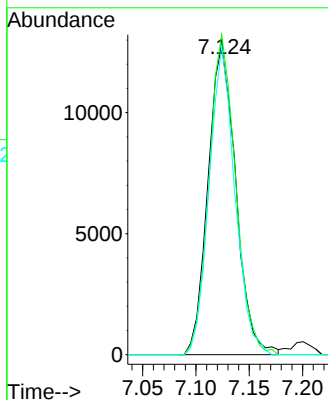
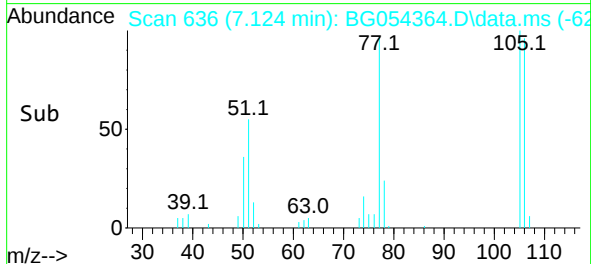
Instrument :
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ENV-DE-3(10-15)MSD



Tgt Ion: 77 Resp: 2324
Ion Ratio Lower Upper
77 100
105 103.2 59.6 99.6
106 99.6 56.8 96.8

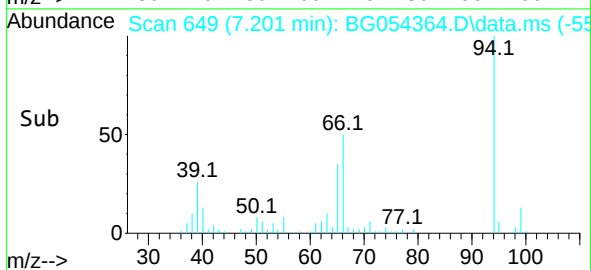
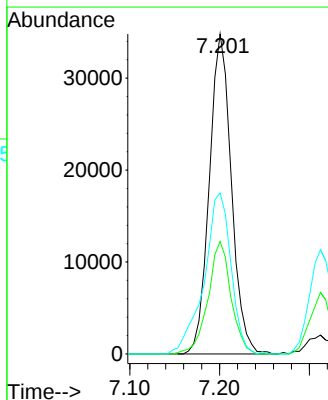
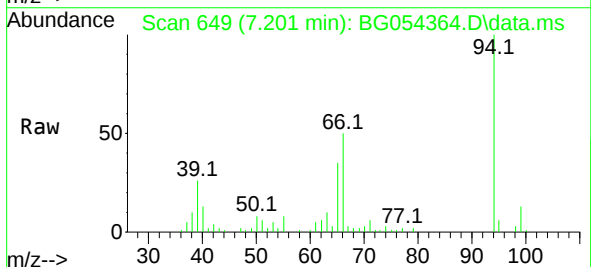
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#10
Phenol
Concen: 48.524 ng
RT: 7.201 min Scan# 649
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

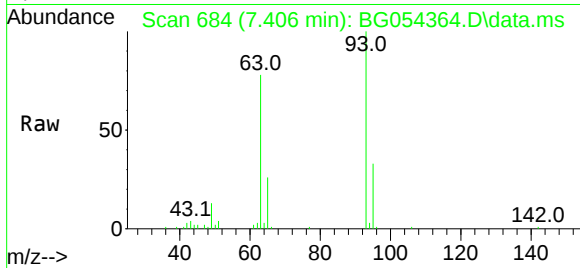
Tgt Ion: 94 Resp: 59348
Ion Ratio Lower Upper
94 100
65 35.1 14.8 54.8
66 50.4 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 43.590 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

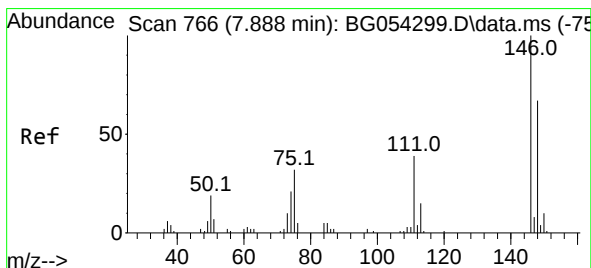
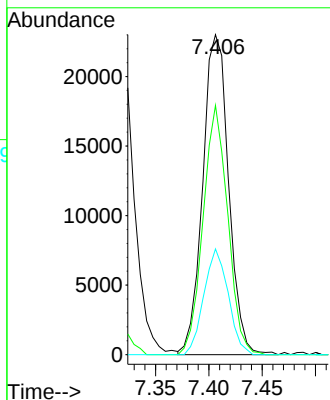
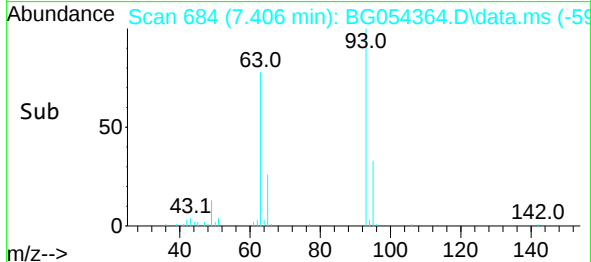
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



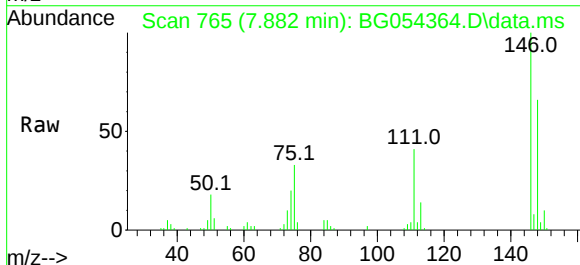
Tgt Ion: 93 Resp: 38872
Ion Ratio Lower Upper
93 100
63 77.9 63.6 103.6
95 33.1 10.1 50.1

Manual Integrations
APPROVED

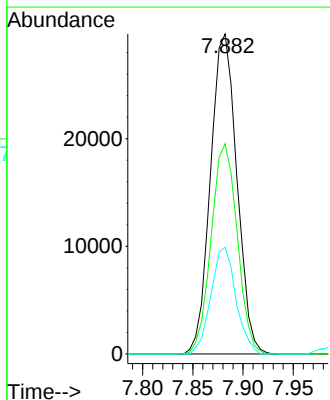
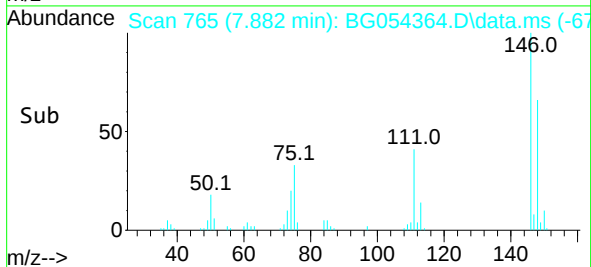
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

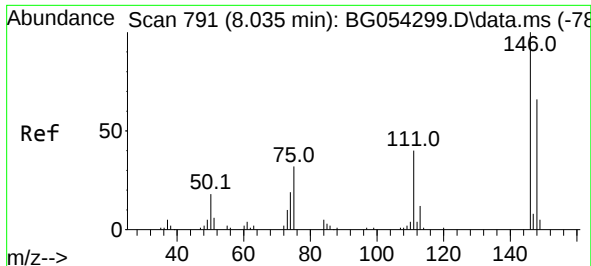


#12
1,3-Dichlorobenzene
Concen: 43.141 ng
RT: 7.882 min Scan# 765
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



Tgt Ion:146 Resp: 54267
Ion Ratio Lower Upper
146 100
148 65.7 46.1 69.1
75 33.4 27.6 41.4





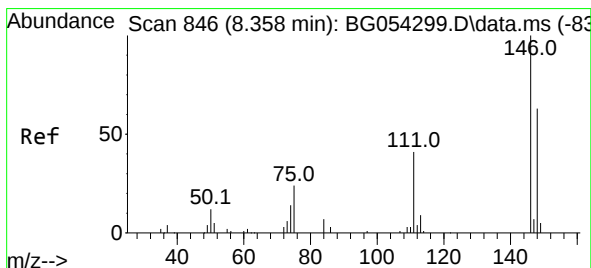
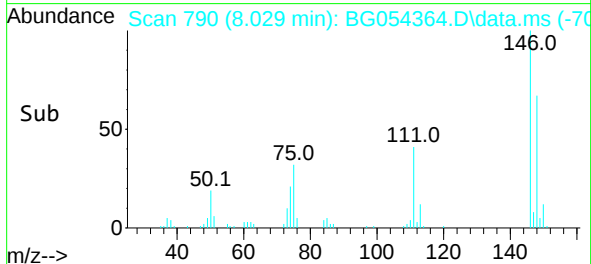
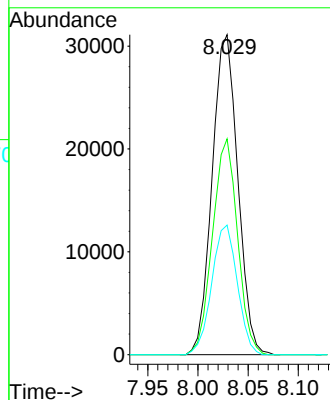
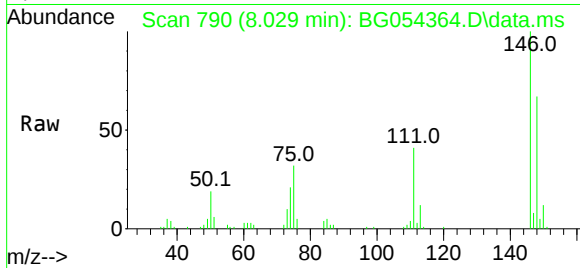
#13
1,4-Dichlorobenzene
Concen: 42.545 ng
RT: 8.029 min Scan# 791
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD

Tgt Ion:146 Resp: 5526
Ion Ratio Lower Upper
146 100
148 67.4 51.5 77.3
111 40.5 33.9 50.9

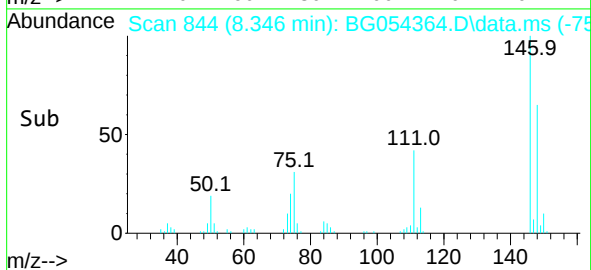
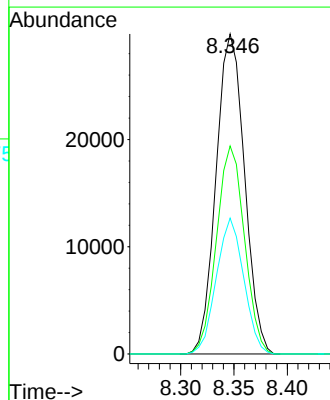
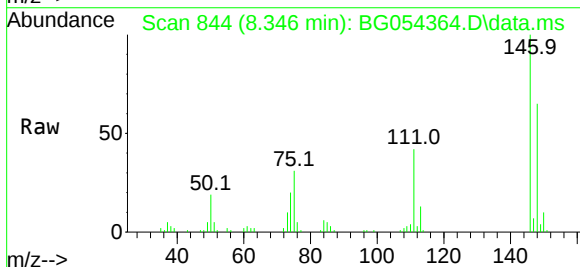
Manual Integrations
APPROVED

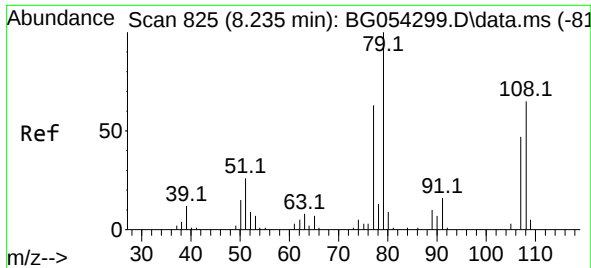
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#14
1,2-Dichlorobenzene
Concen: 45.233 ng
RT: 8.346 min Scan# 844
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

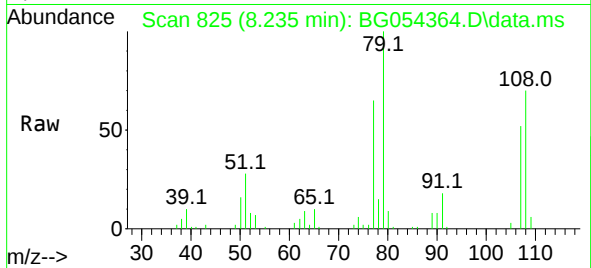
Tgt Ion:146 Resp: 55409
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
111 42.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 47.156 ng
RT: 8.235 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

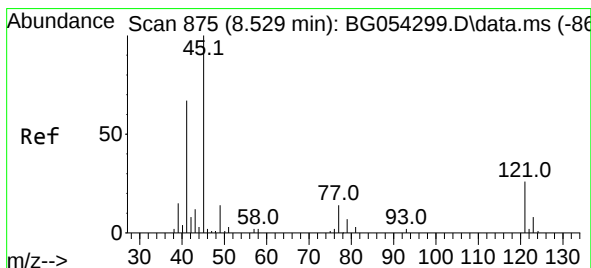
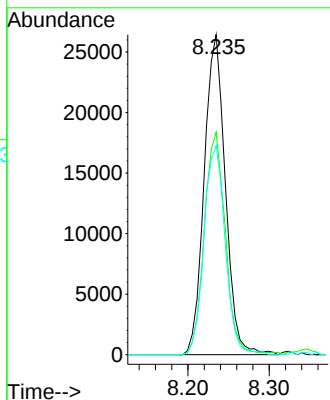
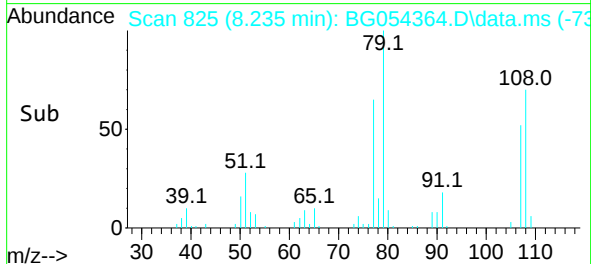
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



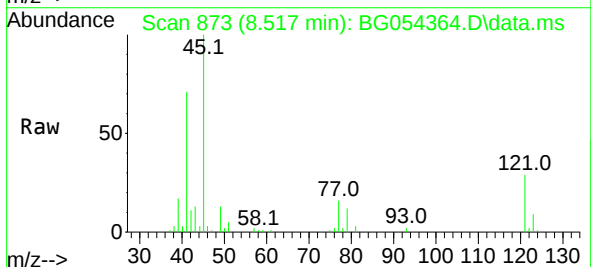
Tgt Ion: 79 Resp: 4774
Ion Ratio Lower Upper
79 100
108 69.5 53.7 80.5
77 65.4 52.2 78.4

Manual Integrations
APPROVED

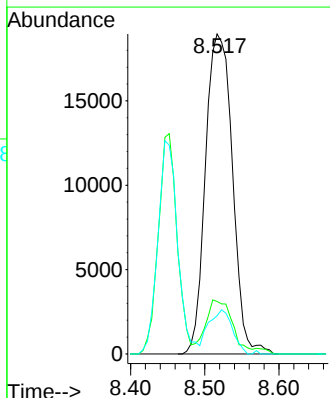
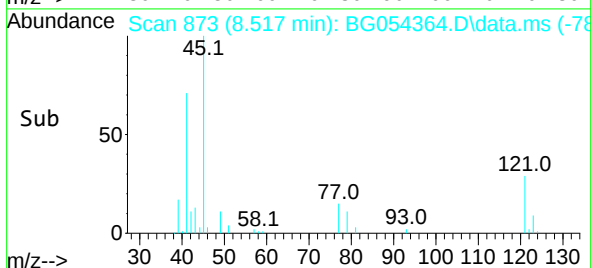
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

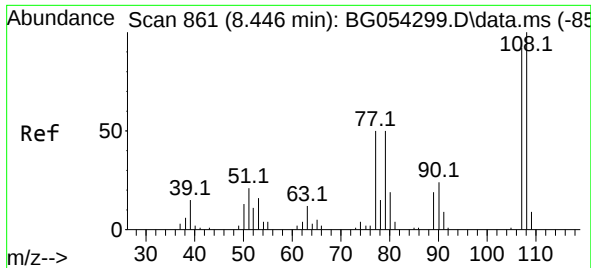


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.649 ng
RT: 8.517 min Scan# 873
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



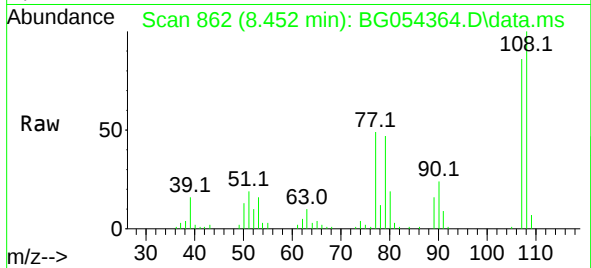
Tgt Ion: 45 Resp: 47899
Ion Ratio Lower Upper
45 100
77 16.4 0.0 32.7
79 12.0 0.0 29.7





#17
2-Methylphenol
Concen: 47.036 ng
RT: 8.452 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

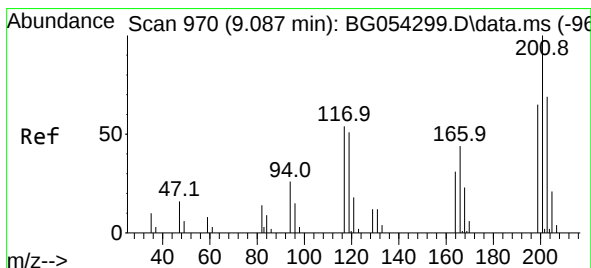
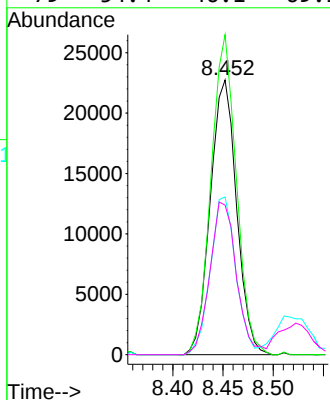
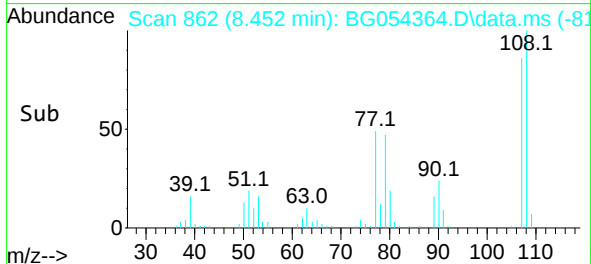
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



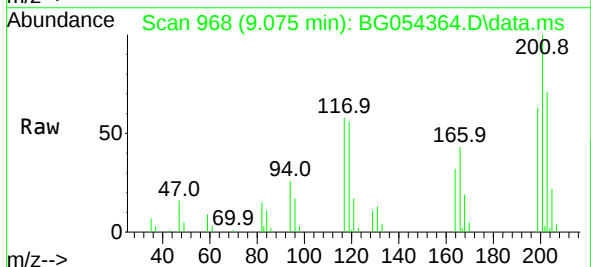
Tgt Ion:107 Resp: 41464
Ion Ratio Lower Upper
107 100
108 116.5 85.4 128.0
77 57.4 46.2 69.2
79 54.4 46.1 69.1

Manual Integrations
APPROVED

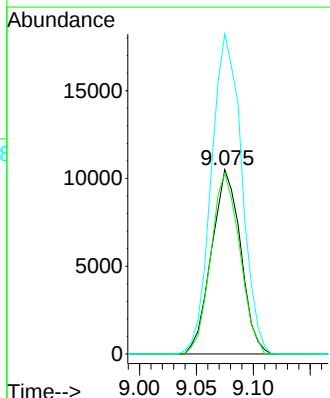
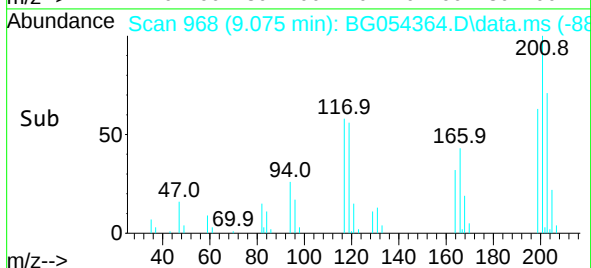
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

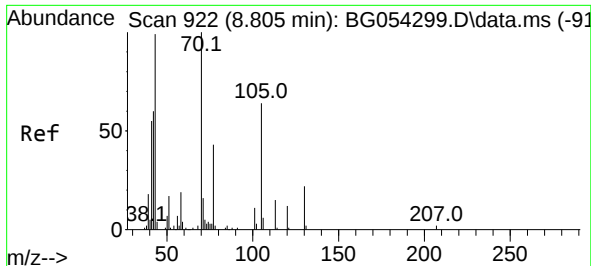


#18
Hexachloroethane
Concen: 43.634 ng
RT: 9.075 min Scan# 968
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



Tgt Ion:117 Resp: 18768
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
201 173.6 89.0 133.6#





#19

n-Nitroso-di-n-propylamine

Concen: 42.287 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

Instrument :

BNA_G

ClientSampleId :

ENV-DE-3(10-15)MSD

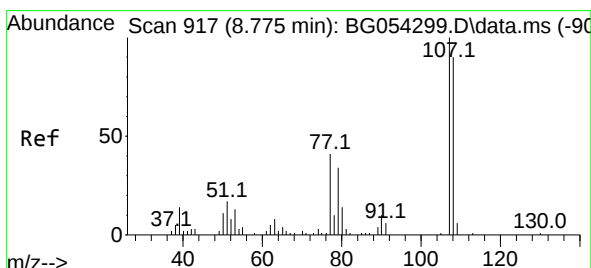
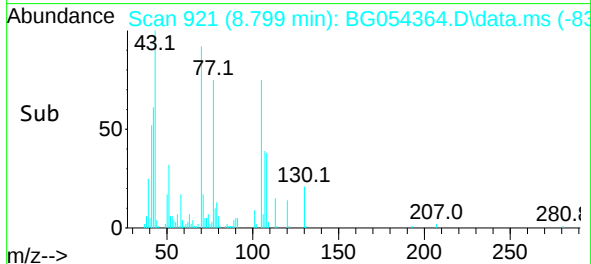
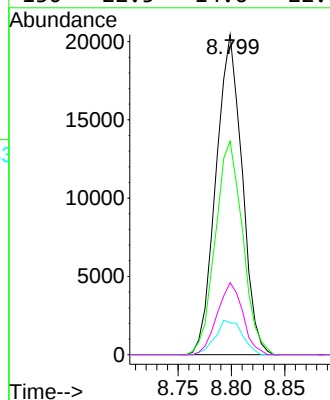
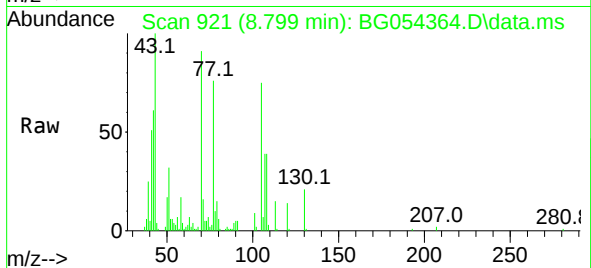
Tgt Ion:	70	Resp:	3476
Ion Ratio	Lower	Upper	
70	100		
42	66.7	47.3	70.9
101	10.0	7.0	10.4
130	22.5	14.6	22.0#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#20

3+4-Methylphenols

Concen: 46.050 ng

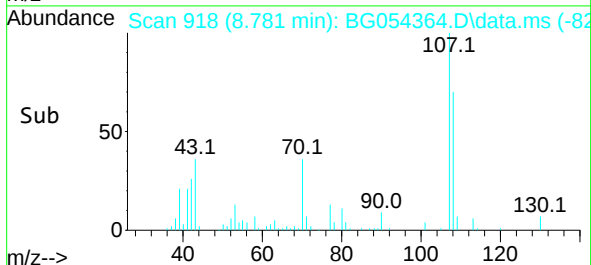
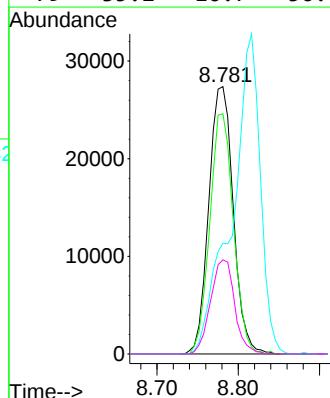
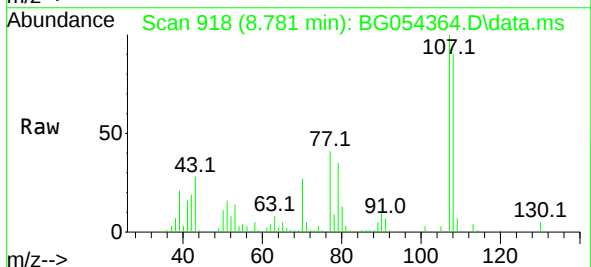
RT: 8.781 min Scan# 918

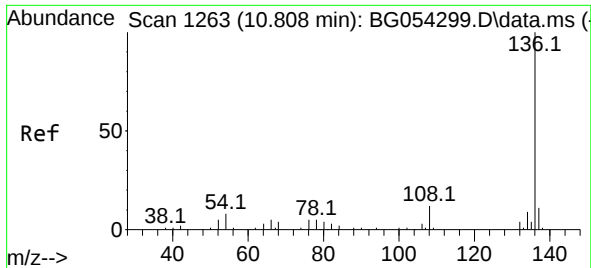
Delta R.T. 0.006 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

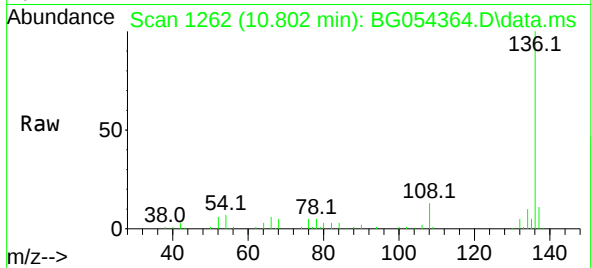
Tgt Ion:	107	Resp:	57198
Ion Ratio	Lower	Upper	
107	100		
108	89.8	67.5	107.5
77	41.4	20.3	60.3
79	35.2	16.7	56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

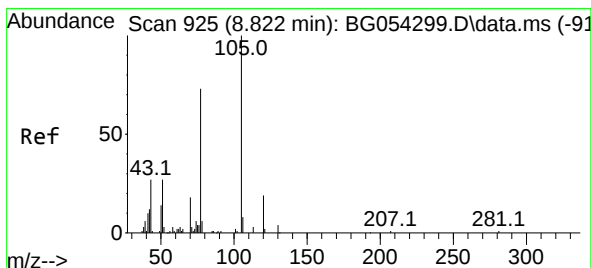
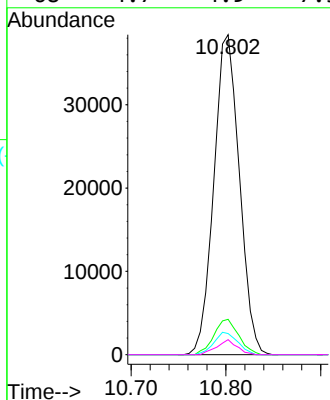
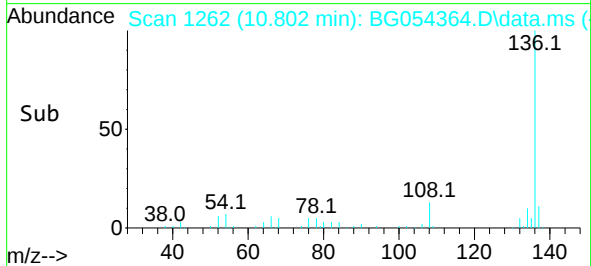
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:136 Resp: 7188
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.6 7.4 11.2
68 4.7 4.9 7.3#

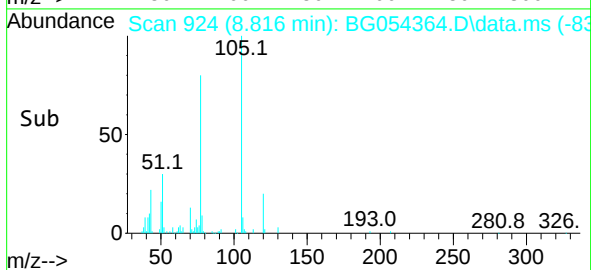
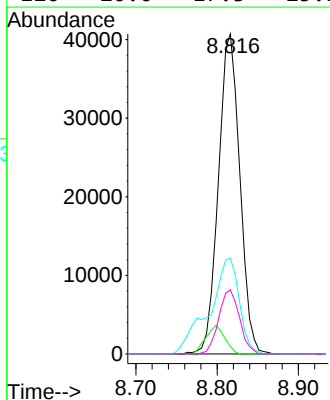
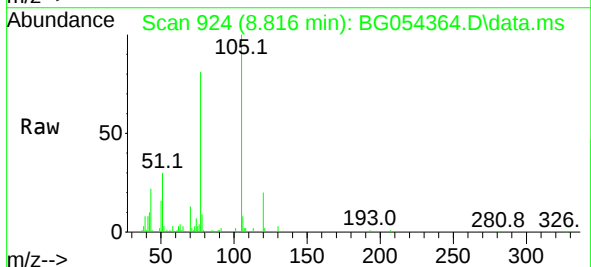
Manual Integrations
APPROVED

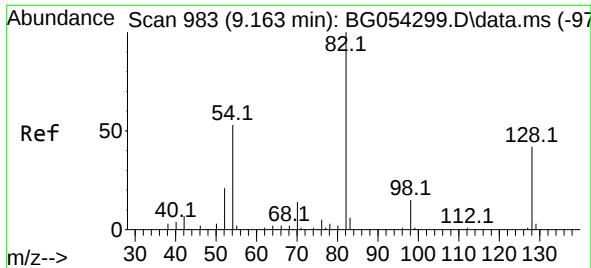
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#22
Acetophenone
Concen: 43.199 ng
RT: 8.816 min Scan# 924
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Tgt Ion:105 Resp: 74686
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 30.0 25.4 38.0
120 20.0 17.3 25.9





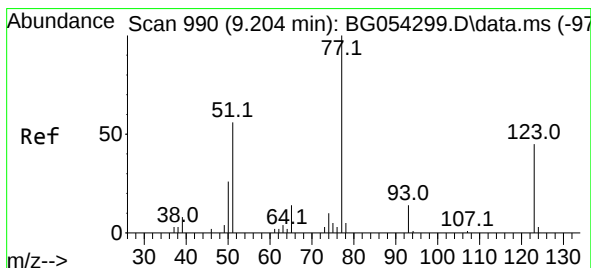
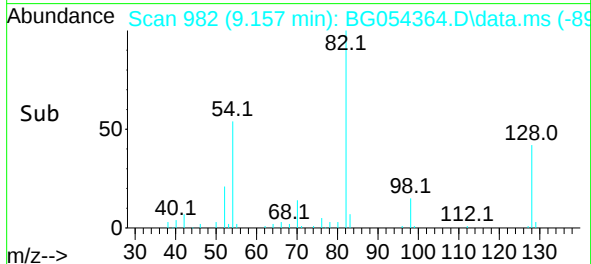
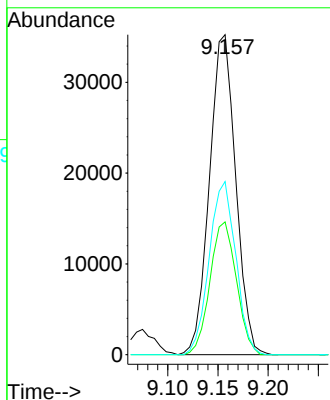
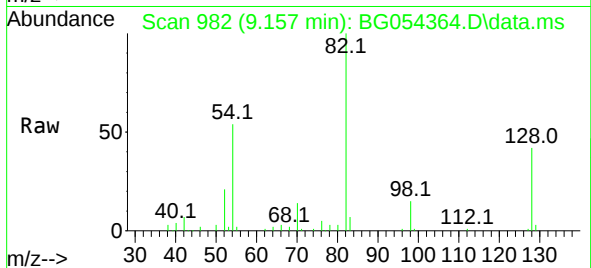
#23
Nitrobenzene-d5
Concen: 48.609 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD

Tgt Ion: 82 Resp: 64164
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 54.1 41.2 61.8

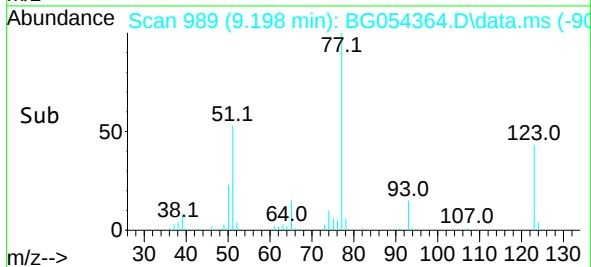
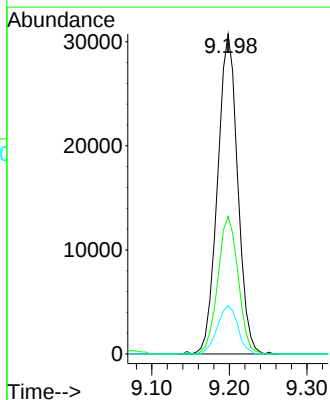
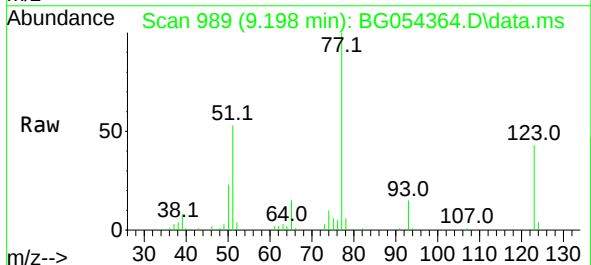
Manual Integrations
APPROVED

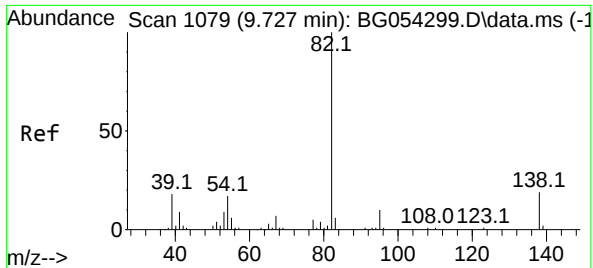
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#24
Nitrobenzene
Concen: 42.990 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

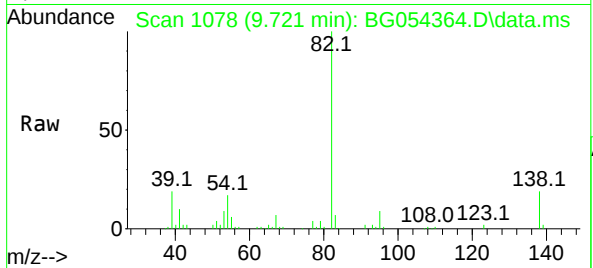
Tgt Ion: 77 Resp: 55458
Ion Ratio Lower Upper
77 100
123 43.0 27.4 41.0#
65 15.1 11.4 17.0





#25
Isophorone
Concen: 44.776 ng
RT: 9.721 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

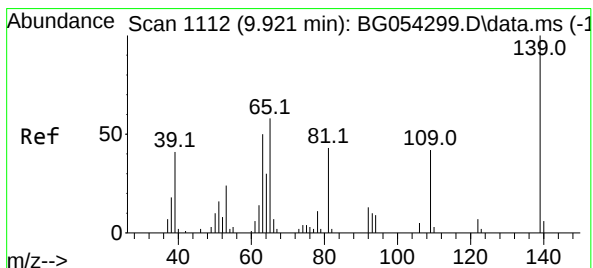
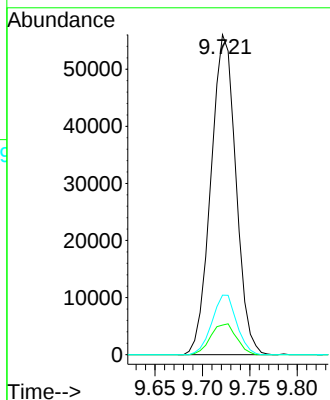
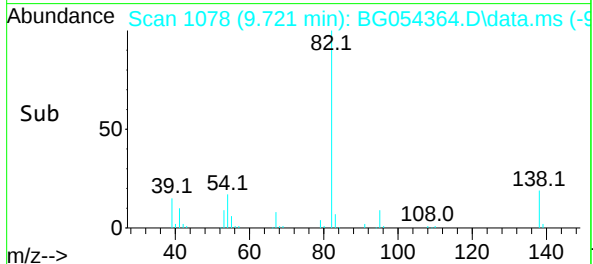
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion: 82 Resp: 10279
Ion Ratio Lower Upper
82 100
95 9.2 6.2 9.4
138 18.6 11.6 17.4

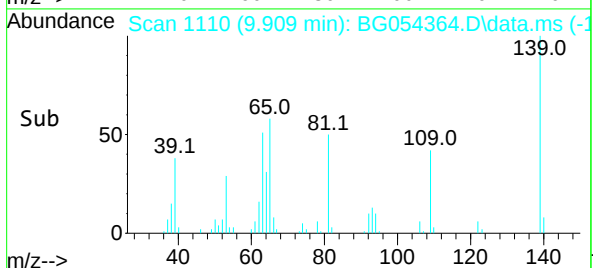
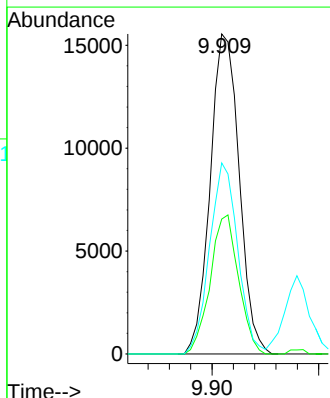
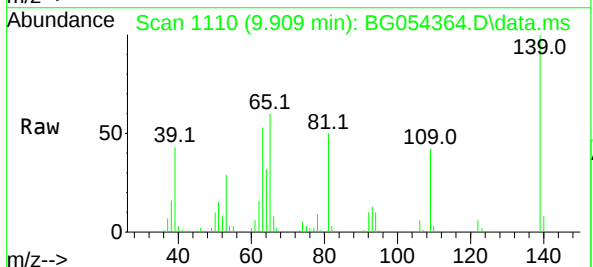
Manual Integrations
APPROVED

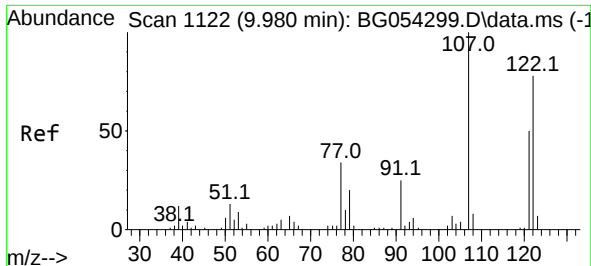
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#26
2-Nitrophenol
Concen: 45.160 ng
RT: 9.909 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Tgt Ion:139 Resp: 29365
Ion Ratio Lower Upper
139 100
109 42.1 36.1 54.1
65 59.7 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 53.321 ng

RT: 9.980 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BG054364.D

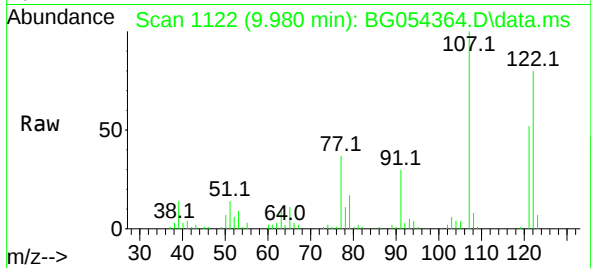
Acq: 22 Jul 2022 17:56

Instrument :

BNA_G

ClientSampleId :

ENV-DE-3(10-15)MSD



Tgt Ion:122 Resp: 47890

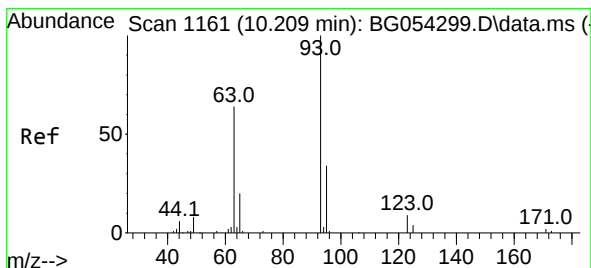
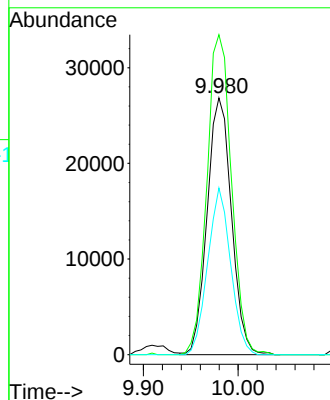
Ion	Ratio	Lower	Upper
122	100		
107	124.6	109.4	164.0
121	64.9	48.7	73.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.518 ng

RT: 10.203 min Scan# 1160

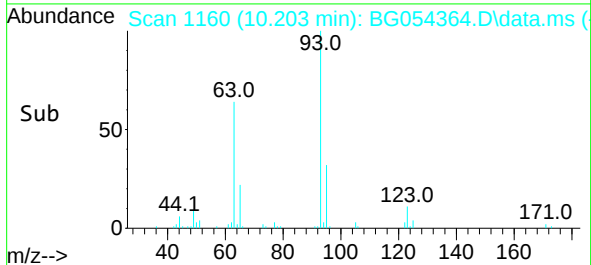
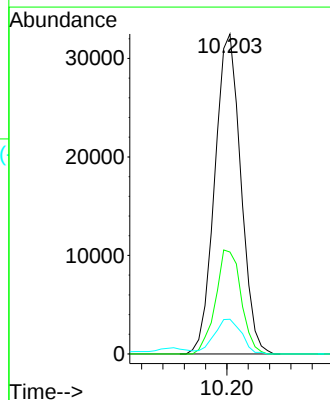
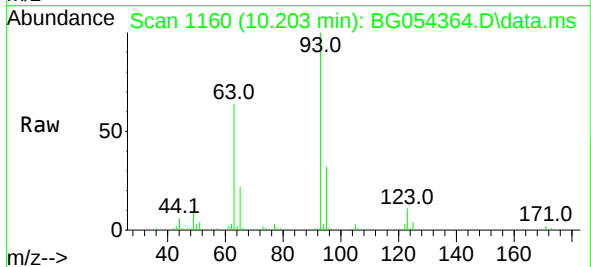
Delta R.T. -0.006 min

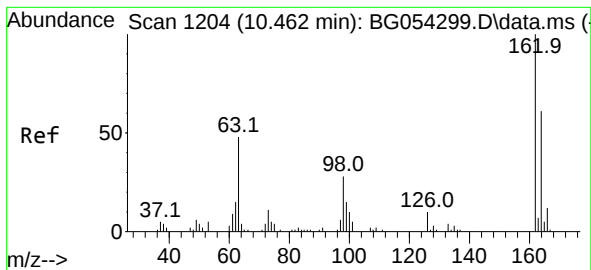
Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

Tgt Ion: 93 Resp: 55018

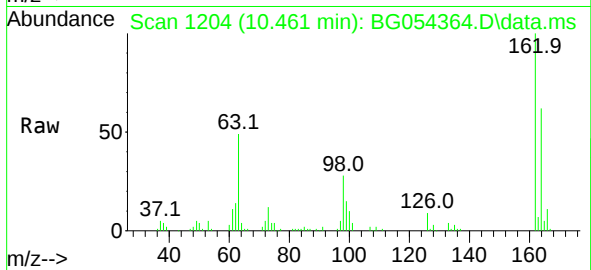
Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.9	40.3
123	10.9	7.7	11.5





#29
2,4-Dichlorophenol
Concen: 47.264 ng
RT: 10.461 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

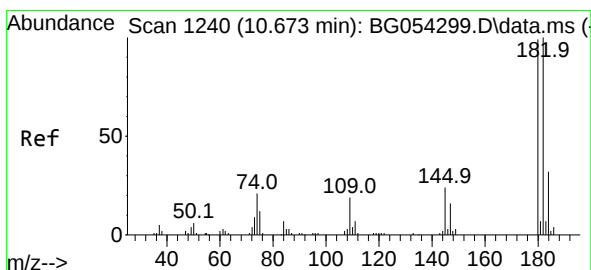
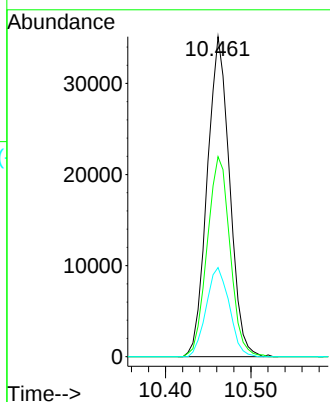
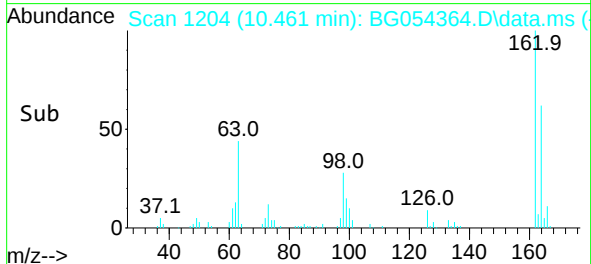
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



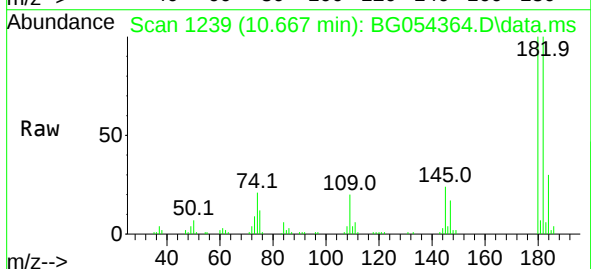
Tgt Ion:162 Resp: 6408
Ion Ratio Lower Upper
162 100
164 62.5 46.6 86.6
98 27.8 22.8 62.8

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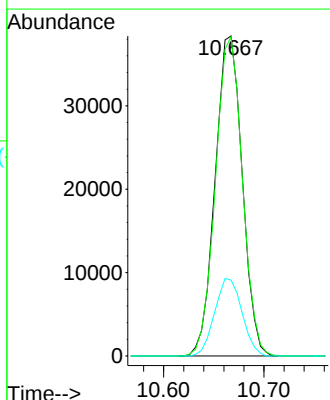
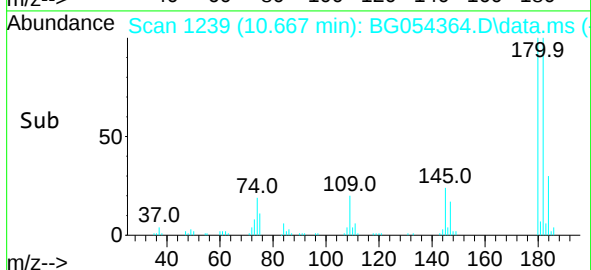
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

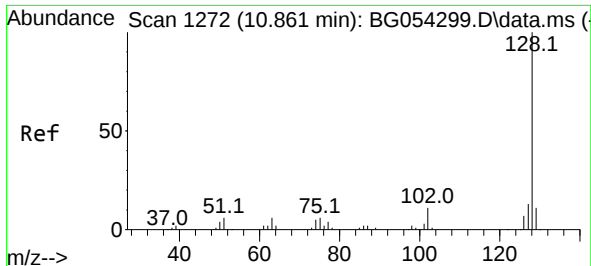


#30
1,2,4-Trichlorobenzene
Concen: 42.741 ng
RT: 10.667 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



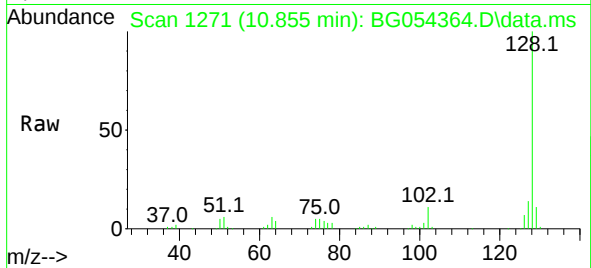
Tgt Ion:180 Resp: 71772
Ion Ratio Lower Upper
180 100
182 99.8 76.6 115.0
145 23.7 25.0 37.4#





#31
Naphthalene
Concen: 44.324 ng
RT: 10.855 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

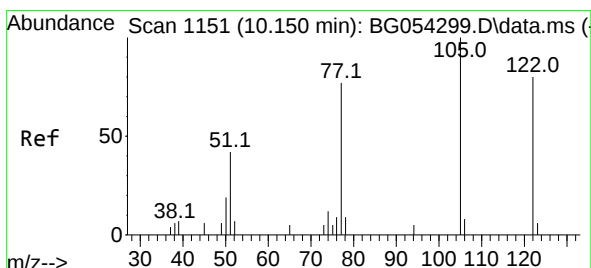
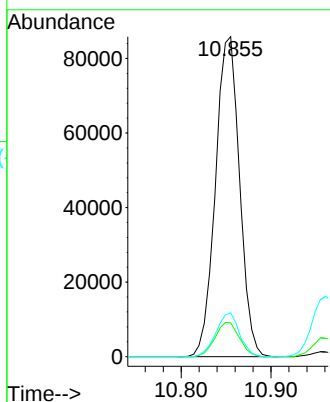
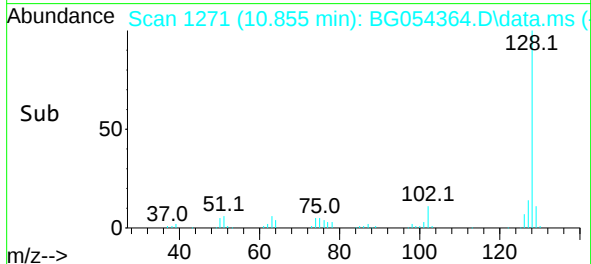
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



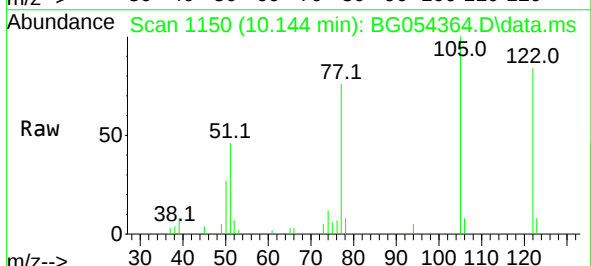
Tgt Ion:128 Resp: 15993
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.7 11.1 16.7

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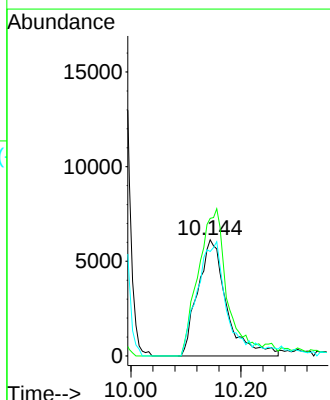
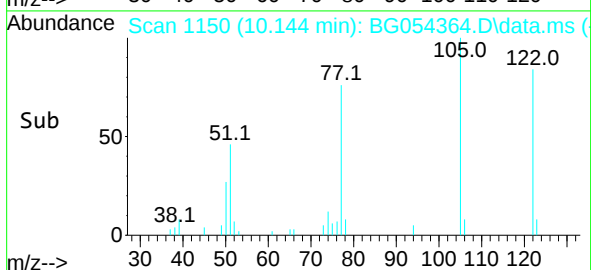
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

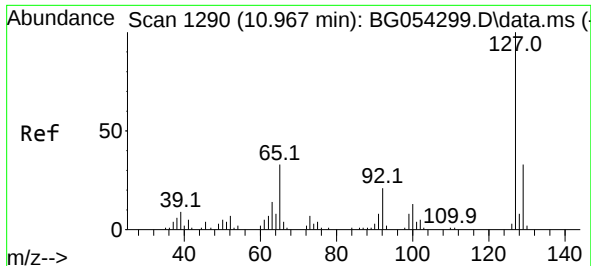


#32
Benzoic acid
Concen: 60.326 ng
RT: 10.144 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



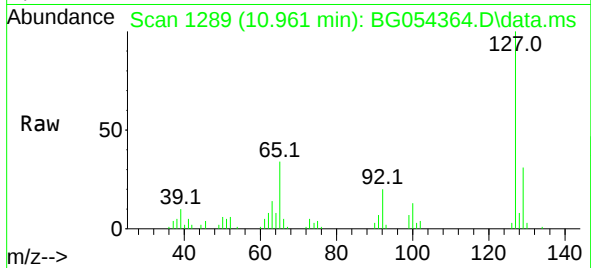
Tgt Ion:122 Resp: 22344
Ion Ratio Lower Upper
122 100
105 118.5 111.8 151.8
77 90.0 109.4 149.4#





#33
4-Chloroaniline
Concen: 24.848 ng
RT: 10.961 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

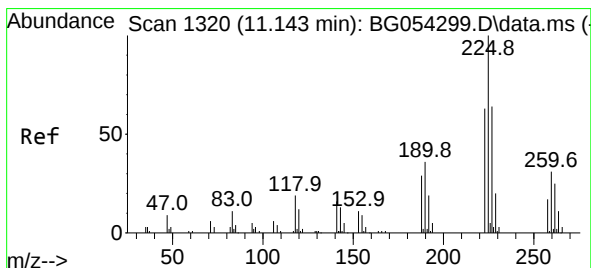
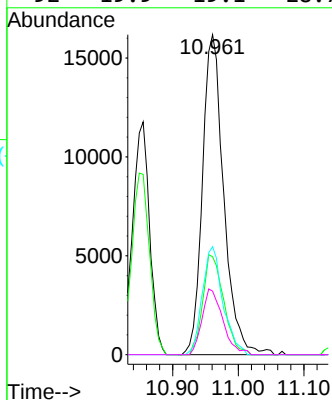
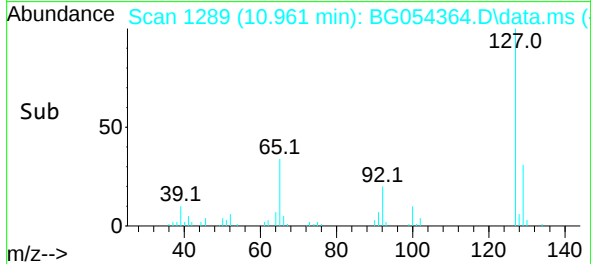
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.3	39.5
65	33.8	31.1	46.7
92	19.9	19.1	28.7

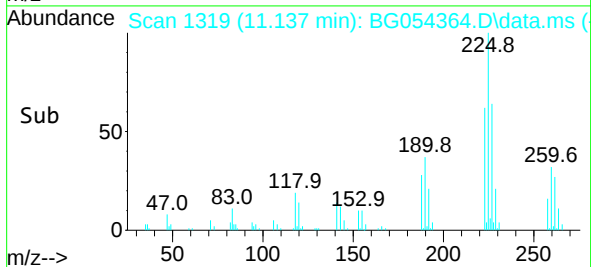
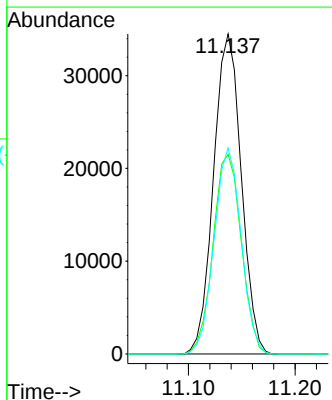
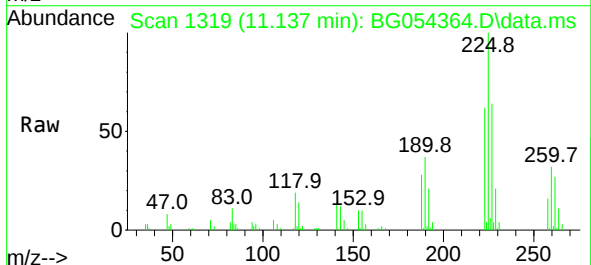
Manual Integrations
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Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#34
Hexachlorobutadiene
Concen: 41.950 ng
RT: 11.137 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

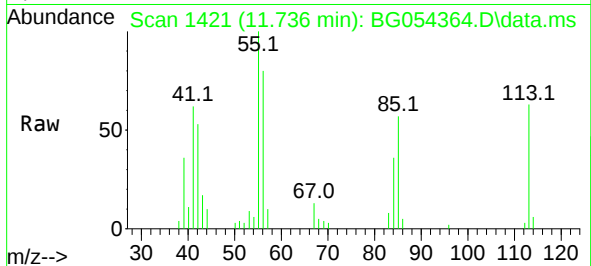
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.9	73.3
227	67.9	52.8	79.2





#35
Caprolactam
Concen: 49.192 ng m
RT: 11.736 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

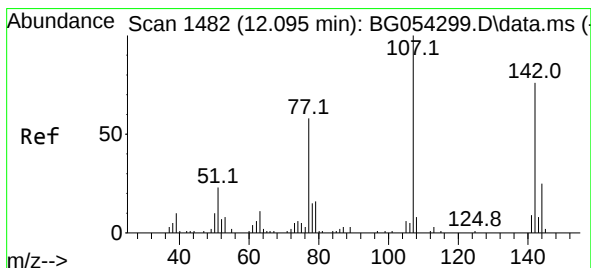
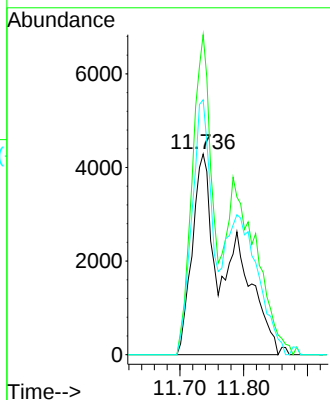
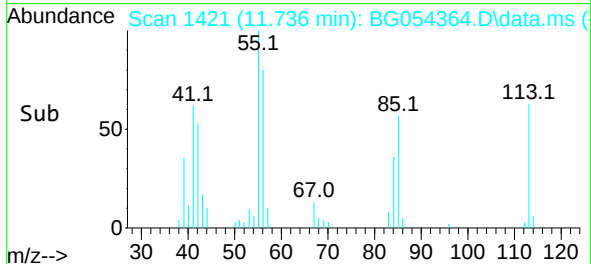
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:113 Resp: 16794
Ion Ratio Lower Upper
113 100
55 159.5 169.8 209.8
56 127.0 141.2 181.2

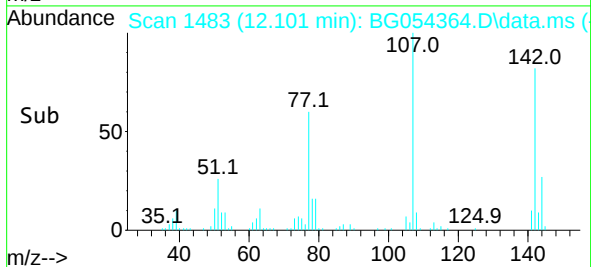
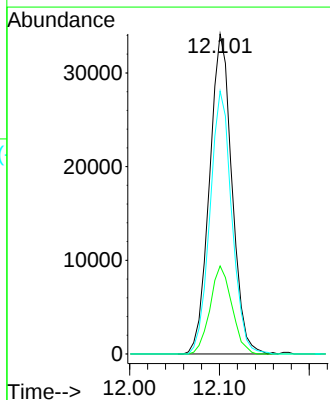
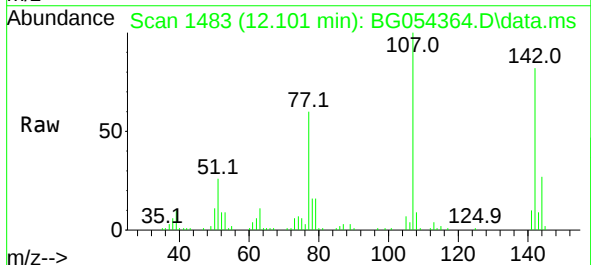
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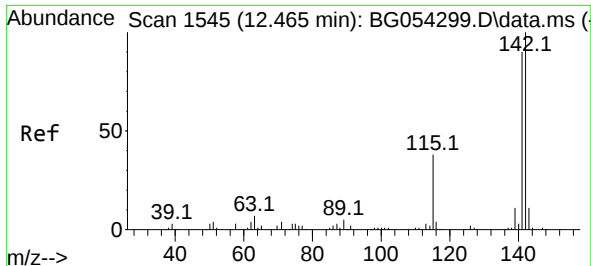
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#36
4-Chloro-3-methylphenol
Concen: 47.978 ng
RT: 12.101 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Tgt Ion:107 Resp: 59180
Ion Ratio Lower Upper
107 100
144 27.5 18.5 27.7
142 82.2 55.0 82.4





#37

2-Methylnaphthalene

Concen: 44.756 ng

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

Instrument :

BNA_G

ClientSampleId :

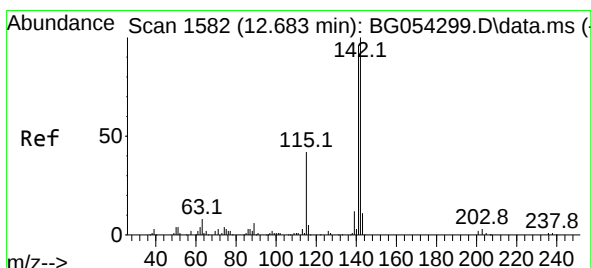
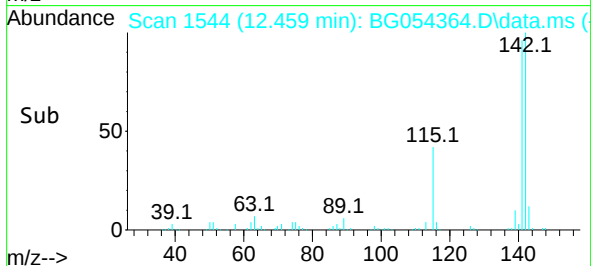
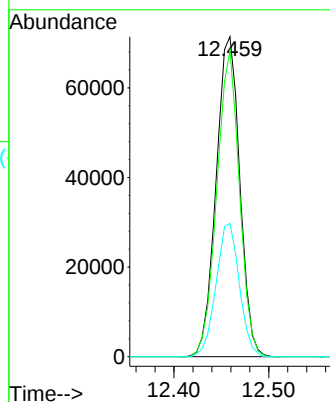
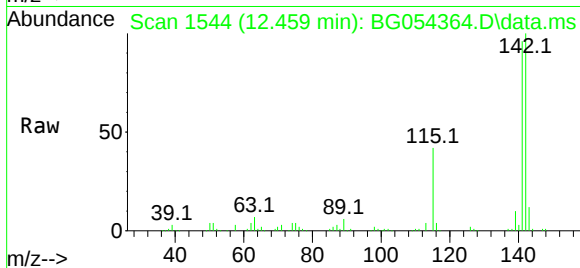
ENV-DE-3(10-15)MSD

Tgt Ion:142 Resp: 124019
 Ion Ratio Lower Upper
 142 100
 141 95.7 72.3 108.5
 115 41.7 33.7 50.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022



#38

1-Methylnaphthalene

Concen: 43.282 ng

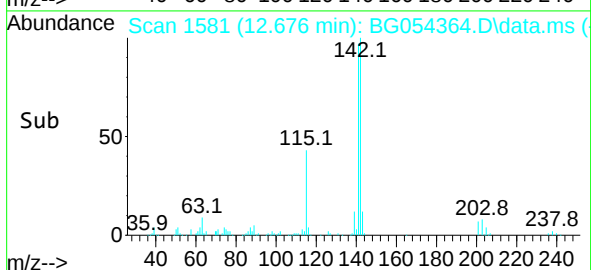
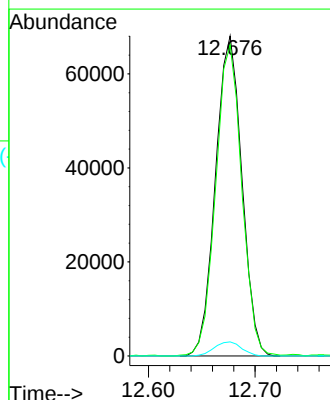
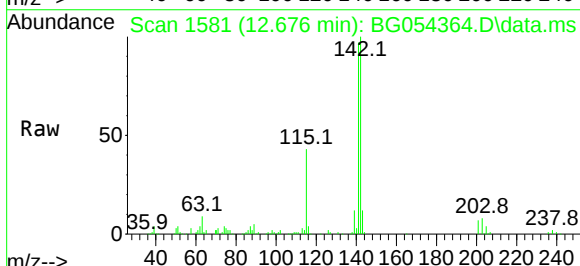
RT: 12.676 min Scan# 1581

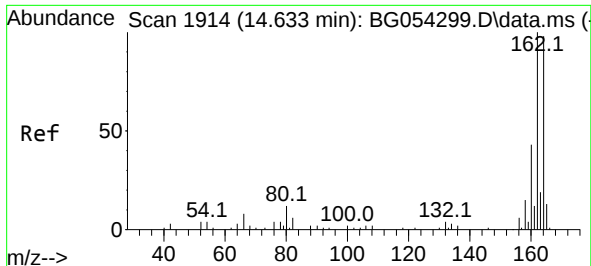
Delta R.T. -0.006 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

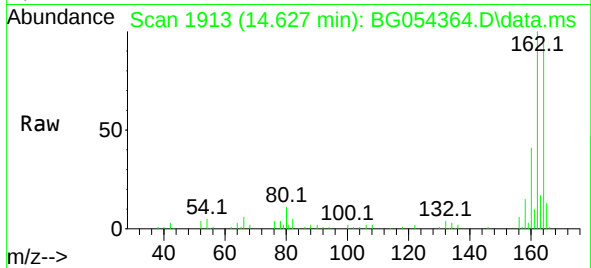
Tgt Ion:142 Resp: 116865
 Ion Ratio Lower Upper
 142 100
 141 97.2 76.4 114.6
 116 4.4 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

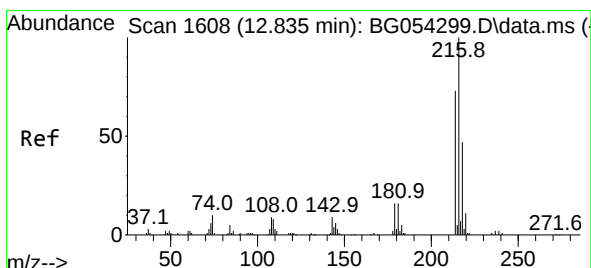
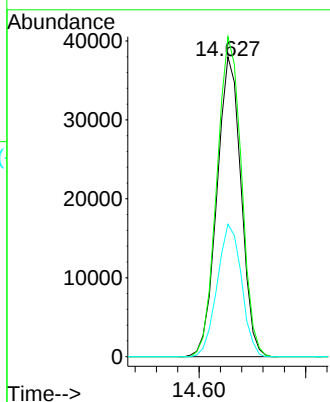
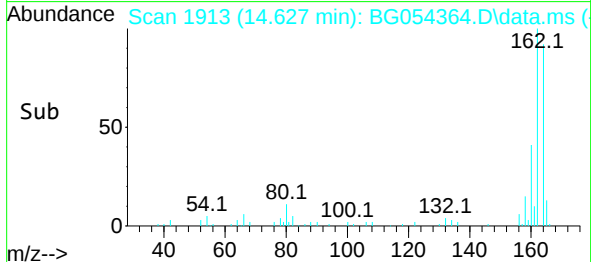
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



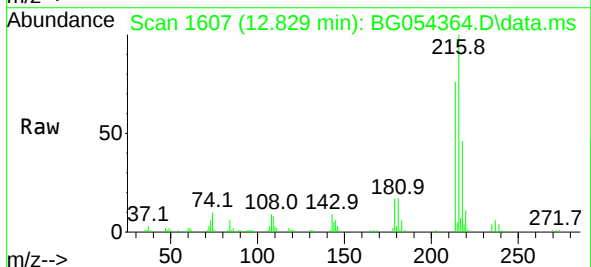
Tgt Ion:164 Resp: 5958
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 44.2 34.2 51.2

Manual Integrations
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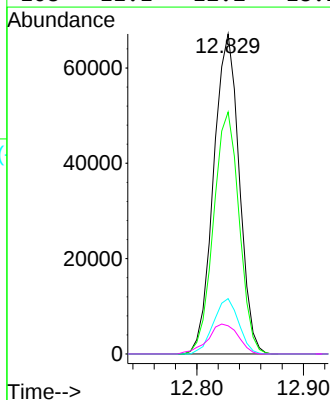
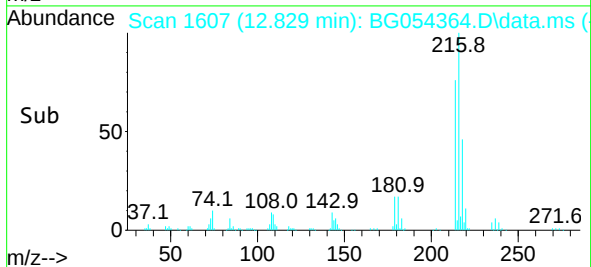
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

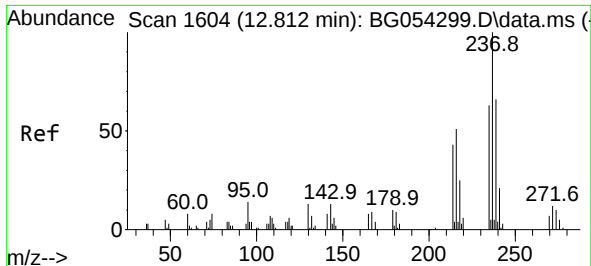


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.859 ng
RT: 12.829 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



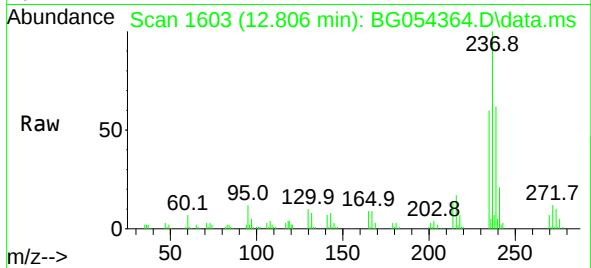
Tgt Ion:216 Resp: 111875
Ion Ratio Lower Upper
216 100
214 75.7 62.9 94.3
179 17.1 16.1 24.1
108 11.1 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 97.454 ng
RT: 12.806 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

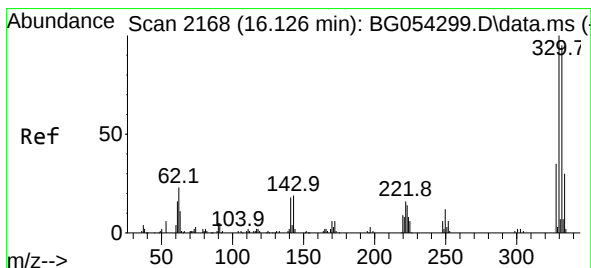
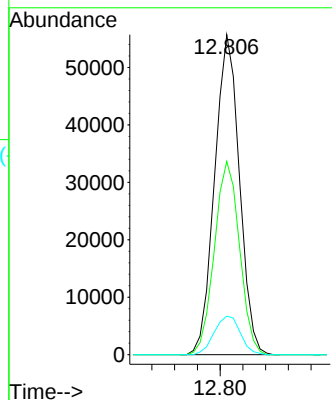
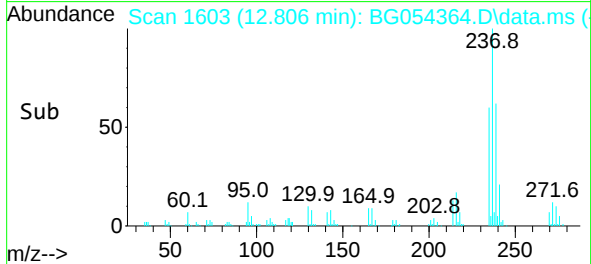
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



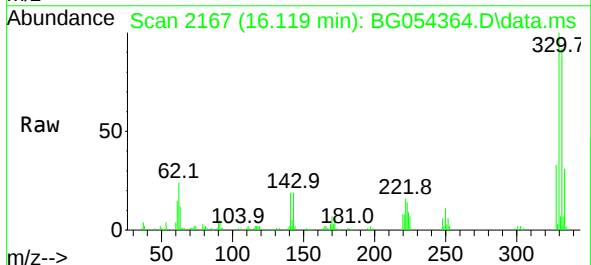
Tgt Ion:237 Resp: 84375
Ion Ratio Lower Upper
237 100
235 60.4 43.5 83.5
272 12.1 0.0 30.1

Manual Integrations
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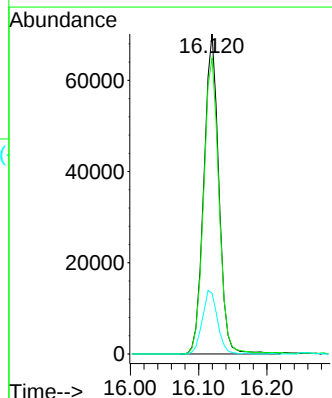
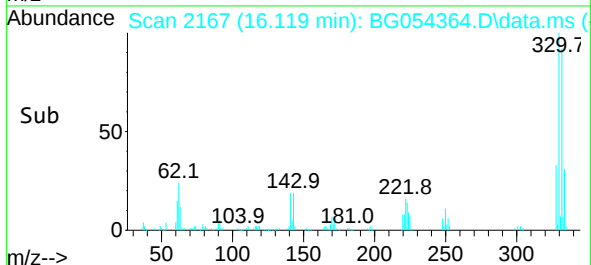
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

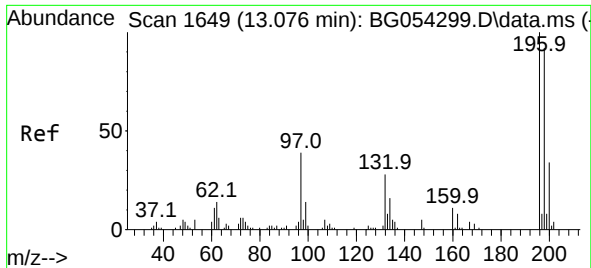


#42
2,4,6-Tribromophenol
Concen: 85.593 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



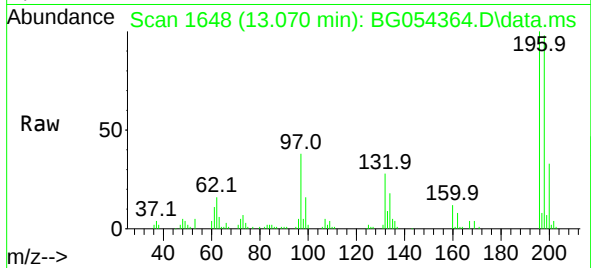
Tgt Ion:330 Resp: 107075
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 20.0 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 46.958 ng
RT: 13.070 min Scan# 1648
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

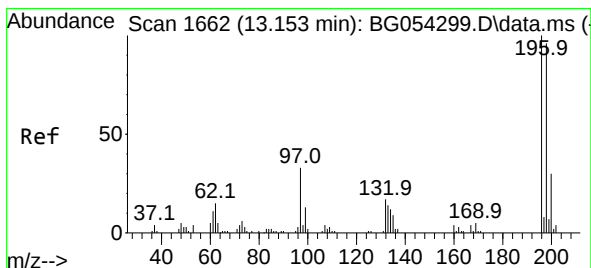
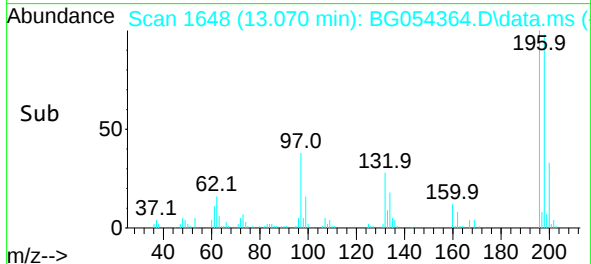
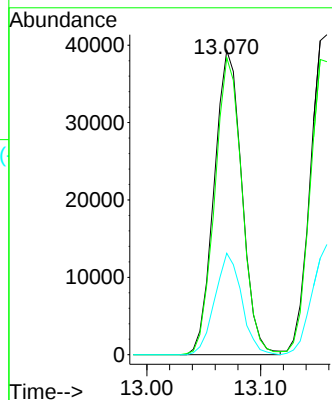
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:196 Resp: 66742
Ion Ratio Lower Upper
196 100
198 97.6 74.1 111.1
200 33.3 24.7 37.1

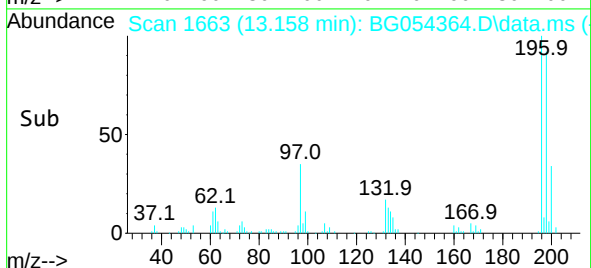
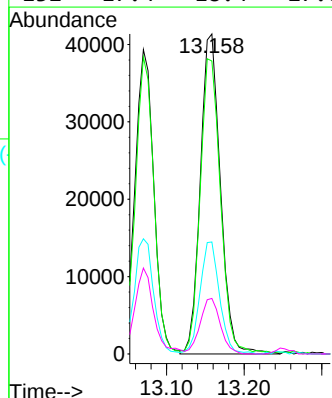
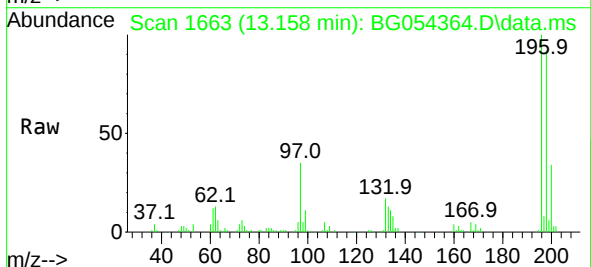
Manual Integrations
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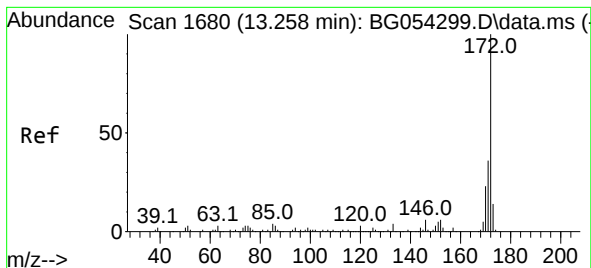
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#44
2,4,5-Trichlorophenol
Concen: 46.342 ng
RT: 13.158 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

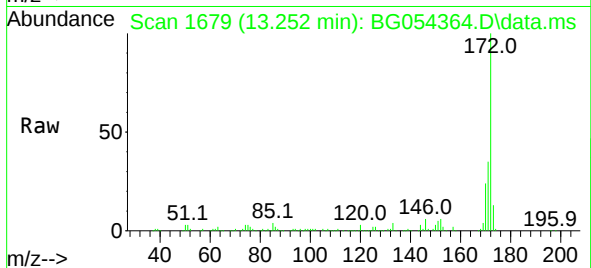
Tgt Ion:196 Resp: 74421
Ion Ratio Lower Upper
196 100
198 91.5 76.8 115.2
97 35.0 39.8 59.6#
132 17.4 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 47.794 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

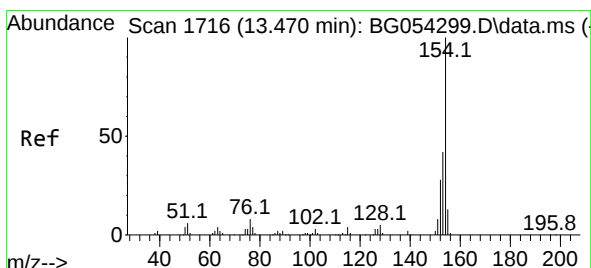
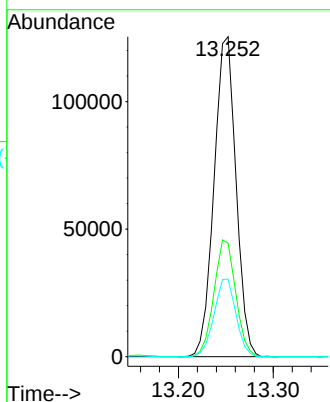
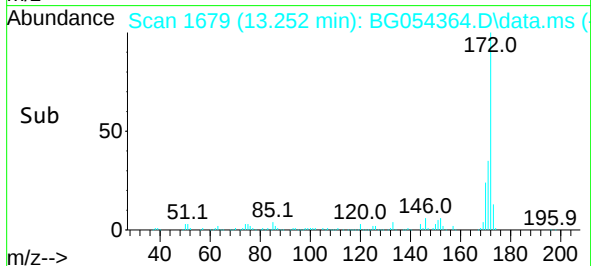
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



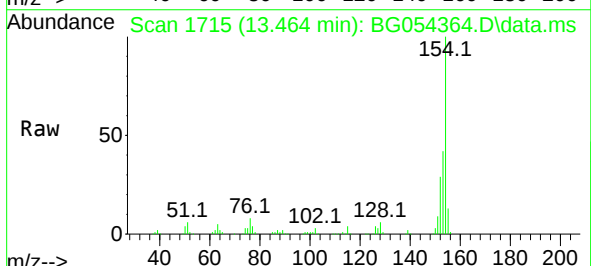
Tgt Ion:172 Resp: 201858
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.3 18.9 28.3

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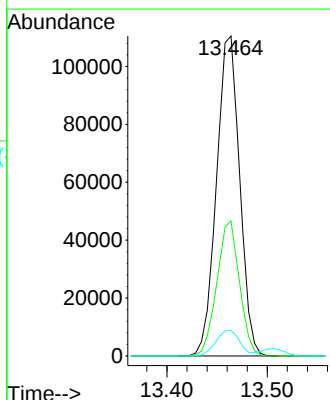
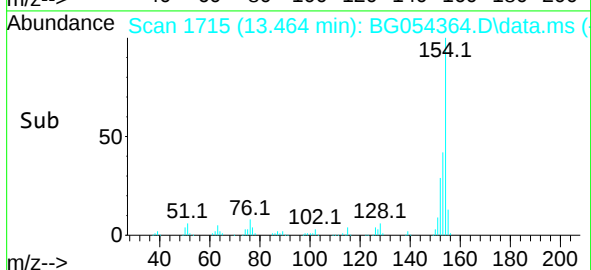
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#46
1,1'-Biphenyl
Concen: 43.425 ng
RT: 13.464 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



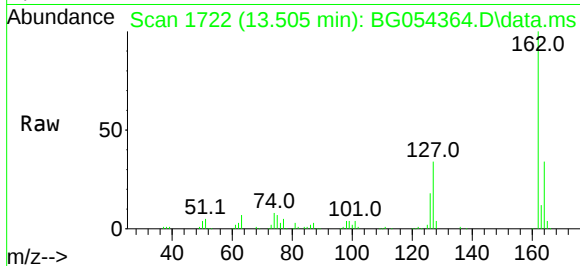
Tgt Ion:154 Resp: 177004
Ion Ratio Lower Upper
154 100
153 42.2 21.6 61.6
76 8.0 0.0 32.6





#47
2-Chloronaphthalene
Concen: 42.516 ng
RT: 13.505 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

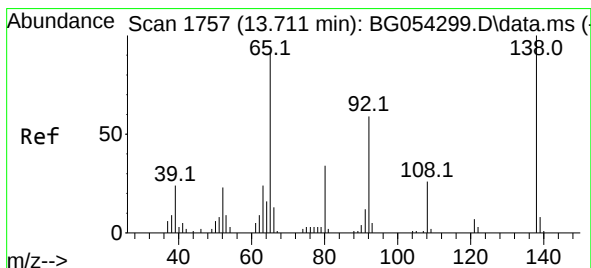
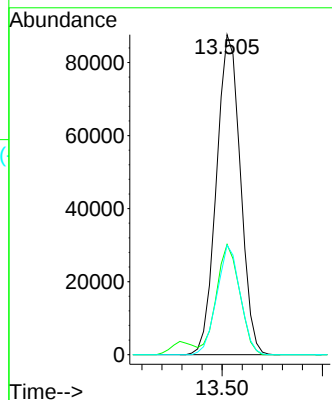
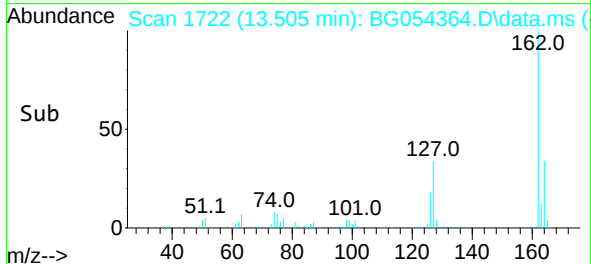
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:162 Resp: 145032
Ion Ratio Lower Upper
162 100
127 34.4 30.6 45.8
164 34.2 26.5 39.7

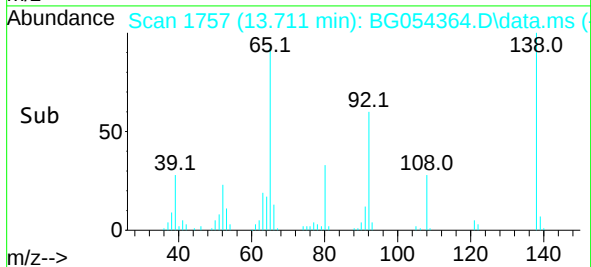
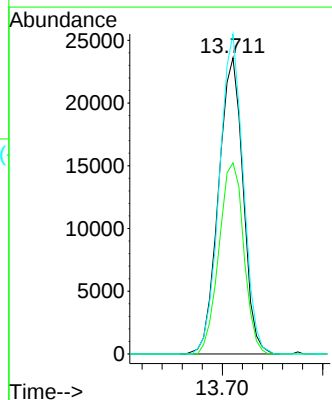
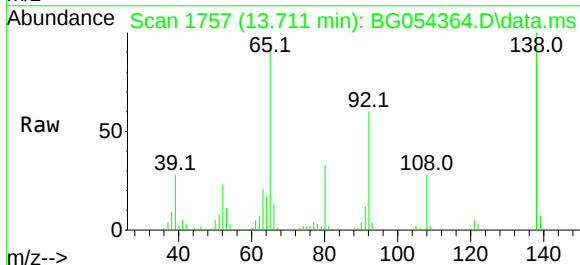
Manual Integrations
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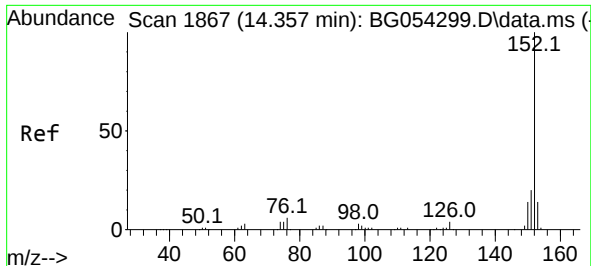
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#48
2-Nitroaniline
Concen: 44.967 ng
RT: 13.711 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

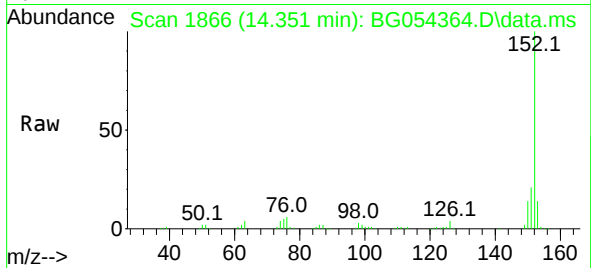
Tgt Ion: 65 Resp: 40032
Ion Ratio Lower Upper
65 100
92 64.5 51.5 77.3
138 108.0 71.3 106.9#





#49
Acenaphthylene
Concen: 43.299 ng
RT: 14.351 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

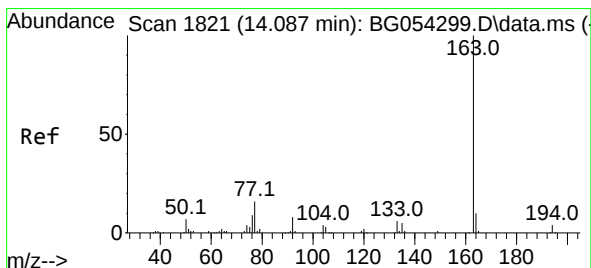
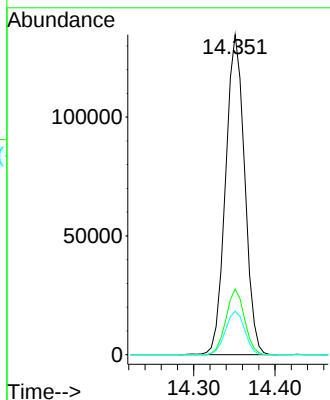
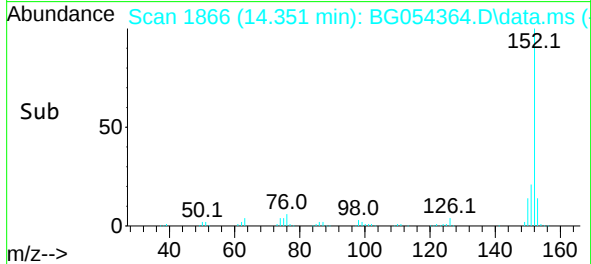
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



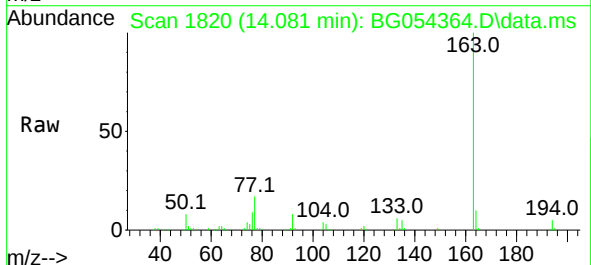
Tgt Ion:152 Resp: 219474
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.6 10.8 16.2

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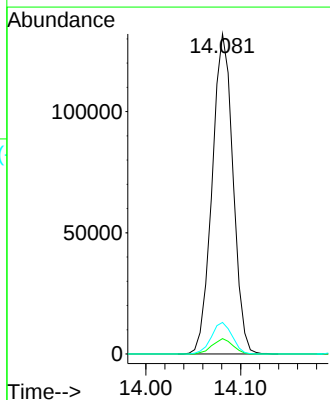
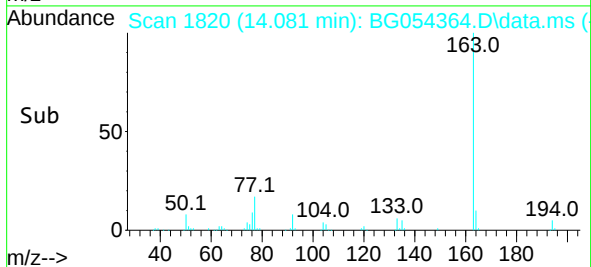
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#50
Dimethylphthalate
Concen: 43.361 ng
RT: 14.081 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



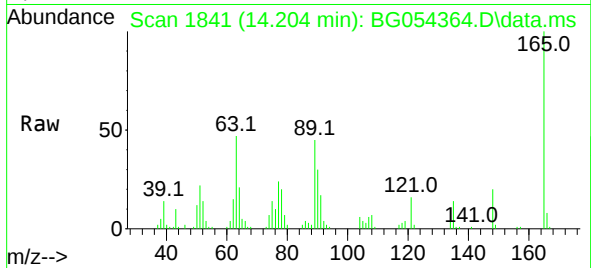
Tgt Ion:163 Resp: 201795
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.845 ng
RT: 14.204 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

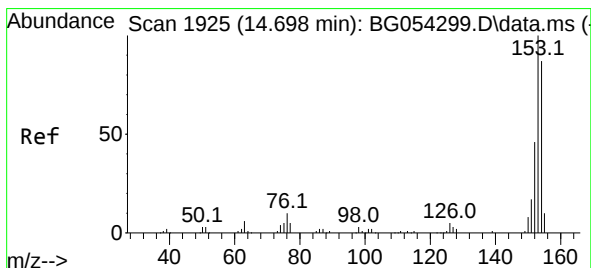
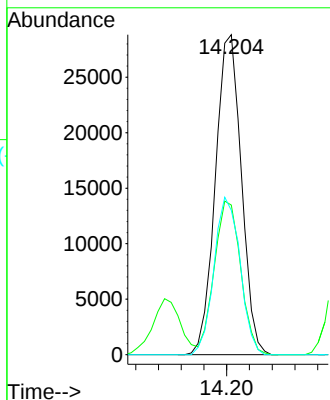
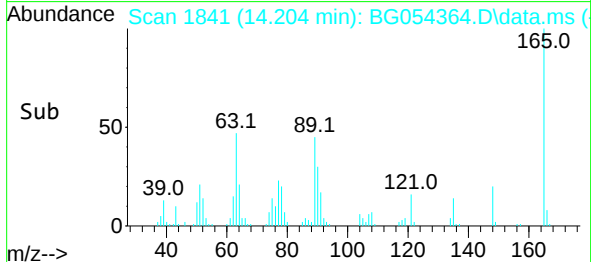
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



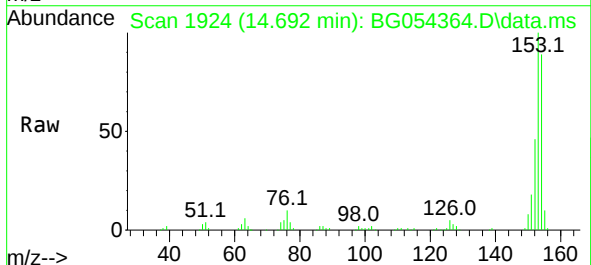
Tgt Ion:165 Resp: 4577
Ion Ratio Lower Upper
165 100
63 46.8 54.1 81.1
89 45.1 54.8 82.2

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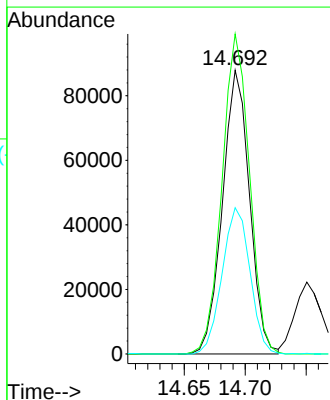
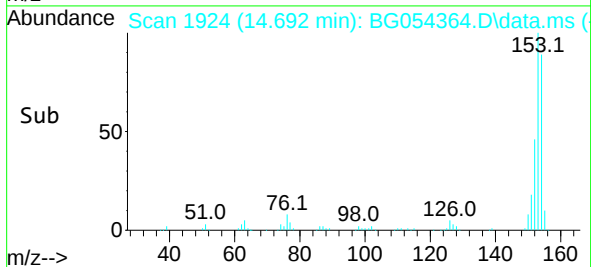
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

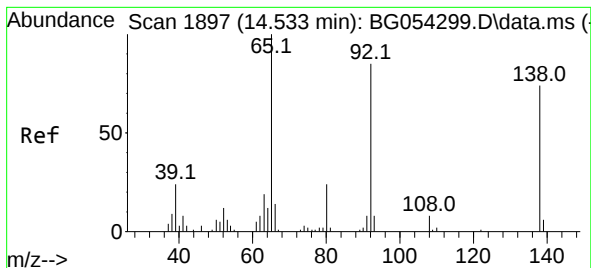


#52
Acenaphthene
Concen: 44.232 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



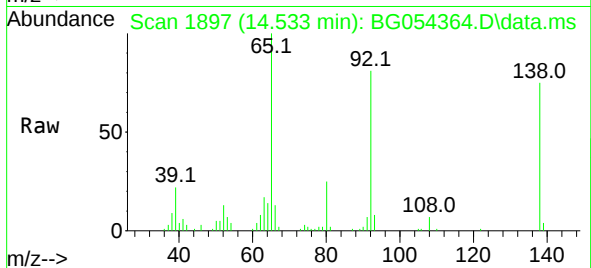
Tgt Ion:154 Resp: 135765
Ion Ratio Lower Upper
154 100
153 112.8 92.7 139.1
152 51.6 42.6 64.0





#53
3-Nitroaniline
Concen: 31.389 ng
RT: 14.533 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

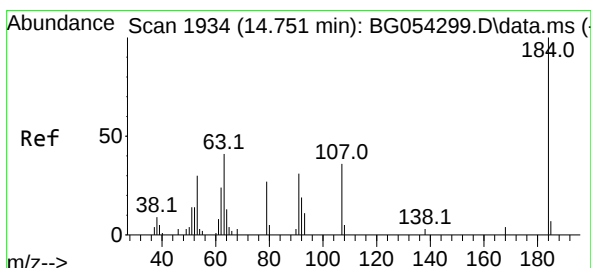
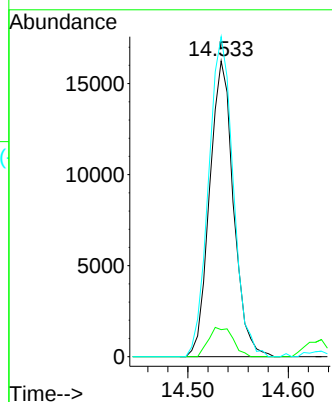
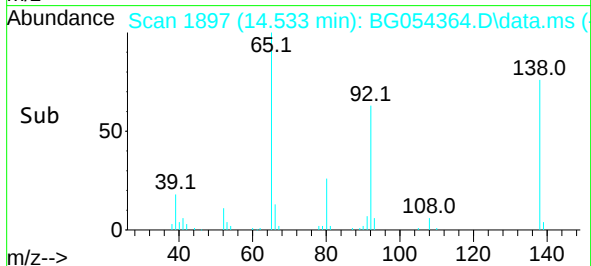
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:138 Resp: 2679
Ion Ratio Lower Upper
138 100
108 9.1 9.2 13.8
92 108.2 101.9 152.9

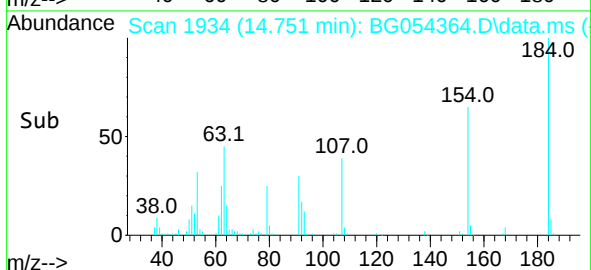
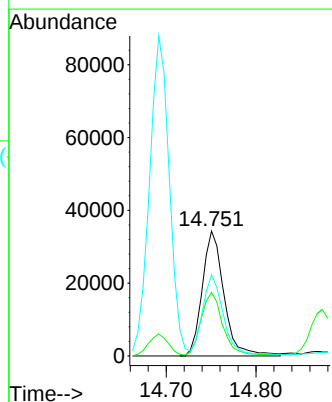
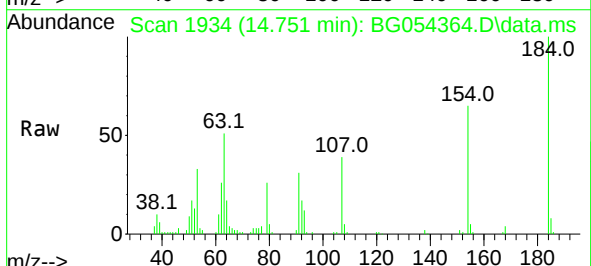
Manual Integrations
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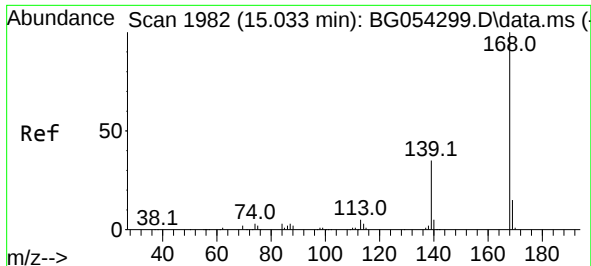
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#54
2,4-Dinitrophenol
Concen: 95.824 ng
RT: 14.751 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

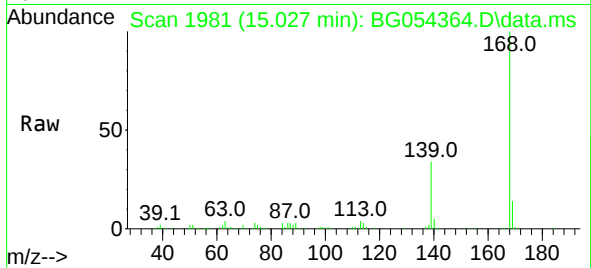
Tgt Ion:184 Resp: 57617
Ion Ratio Lower Upper
184 100
63 50.9 61.1 91.7#
154 64.9 60.6 91.0





#55
Dibenzenofuran
Concen: 43.969 ng
RT: 15.027 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

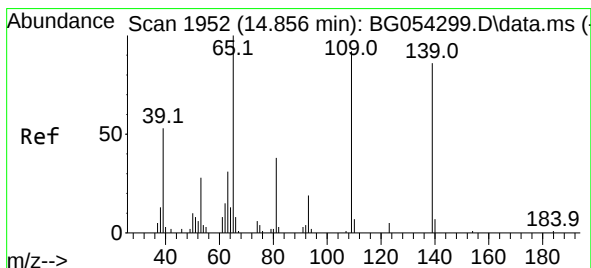
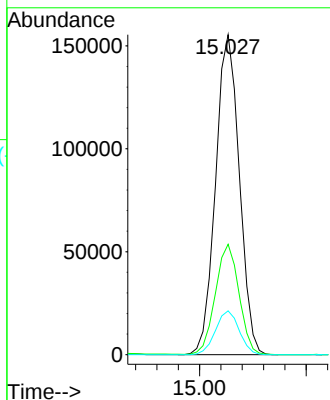
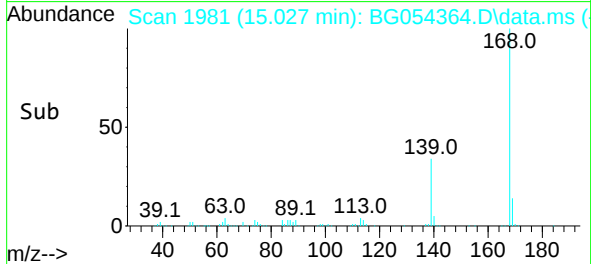
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:168 Resp: 24013
Ion Ratio Lower Upper
168 100
139 34.5 30.5 45.7
169 13.7 10.3 15.5

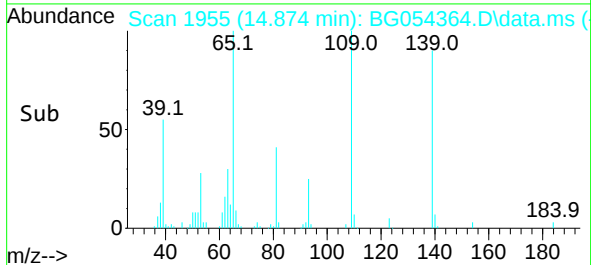
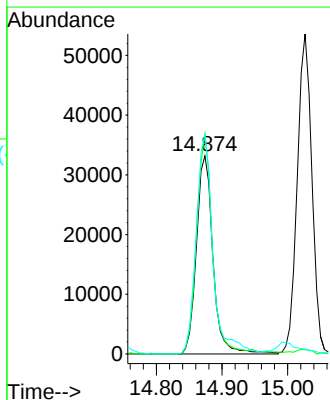
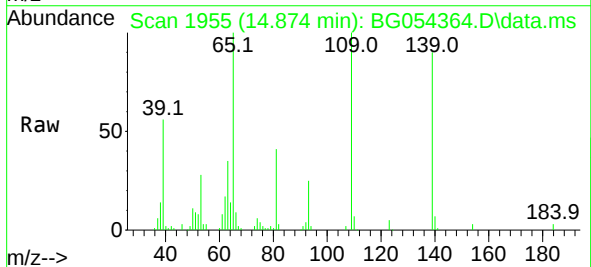
Manual Integrations
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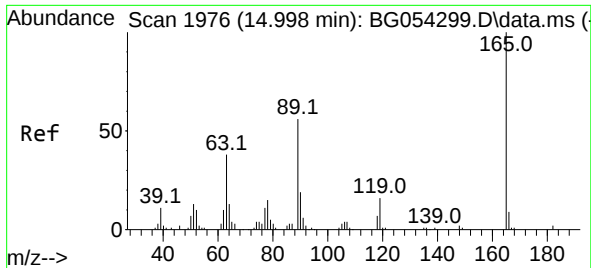
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#56
4-Nitrophenol
Concen: 102.408 ng
RT: 14.874 min Scan# 1955
Delta R.T. 0.018 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

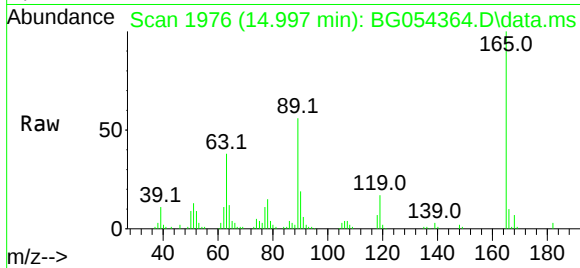
Tgt Ion:139 Resp: 58329
Ion Ratio Lower Upper
139 100
109 111.0 88.5 128.5
65 110.6 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 46.625 ng
RT: 14.997 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

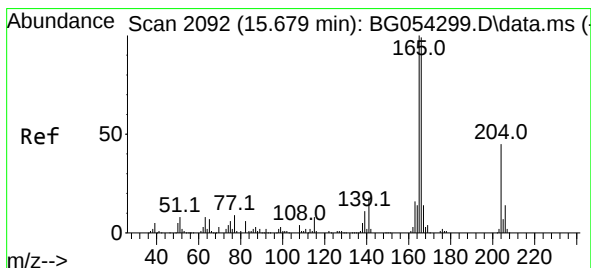
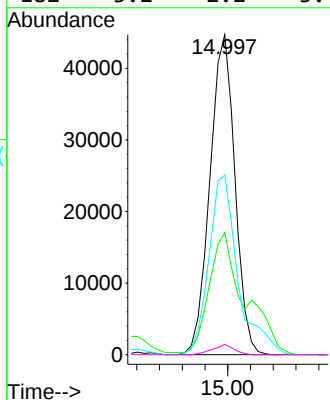
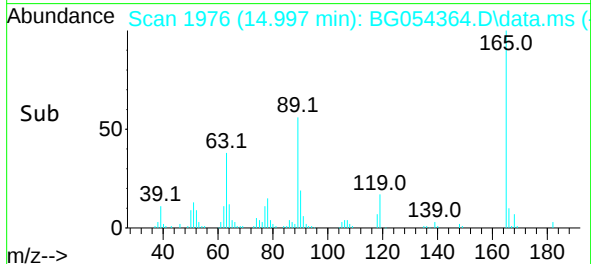
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



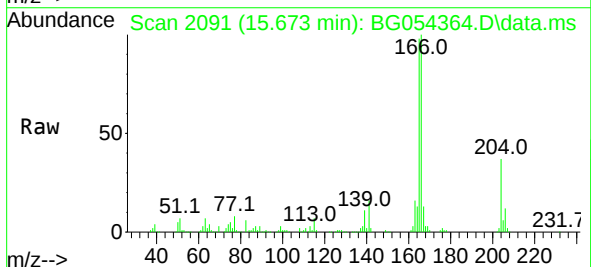
Tgt Ion:165 Resp: 68229
Ion Ratio Lower Upper
165 100
63 38.2 34.6 52.0
89 56.2 60.3 90.5
182 3.2 2.2 3.4

Manual Integrations
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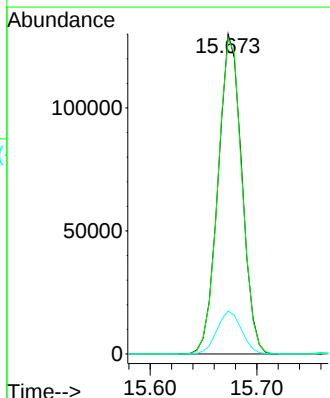
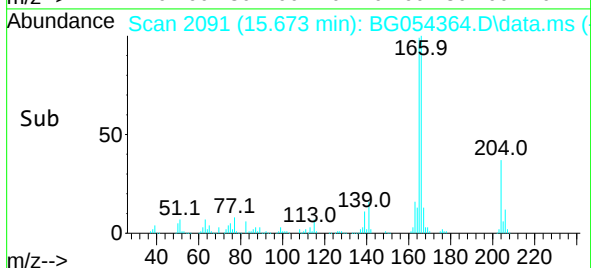
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

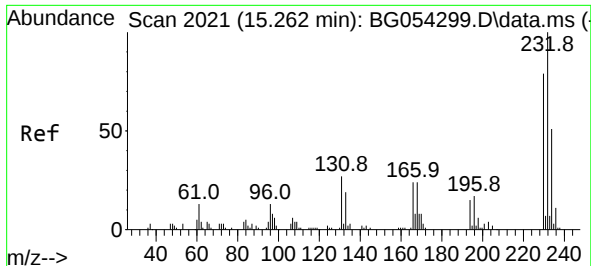


#58
Fluorene
Concen: 44.705 ng
RT: 15.673 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



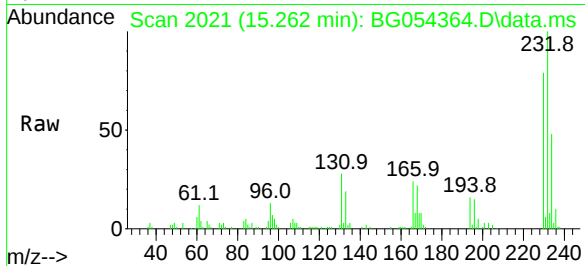
Tgt Ion:166 Resp: 200734
Ion Ratio Lower Upper
166 100
165 98.5 75.0 112.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.276 ng
RT: 15.262 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

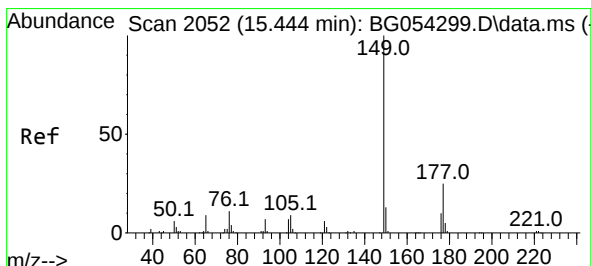
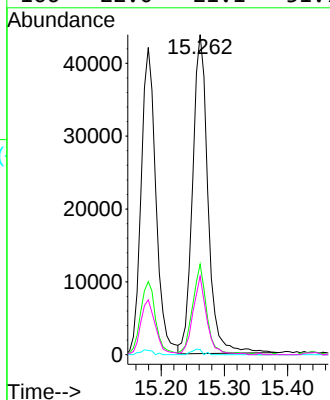
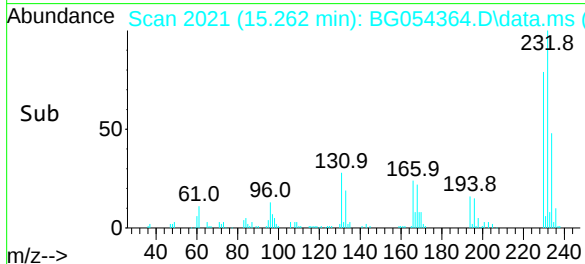
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



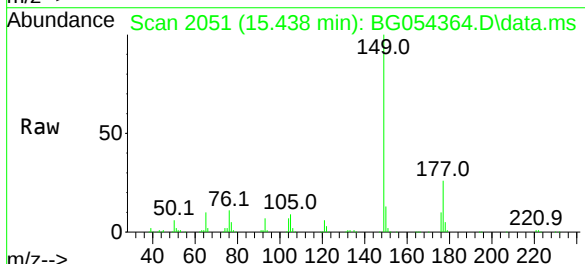
Tgt Ion:232 Resp: 73910
Ion Ratio Lower Upper
232 100
131 26.4 30.6 46.0
130 1.2 1.8 2.8
166 22.0 21.1 31.7

Manual Integrations
APPROVED

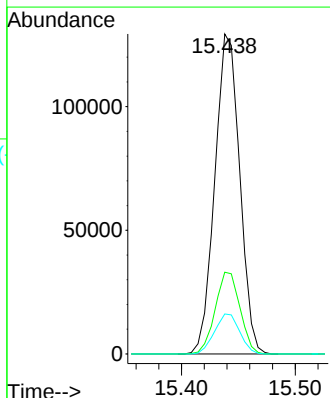
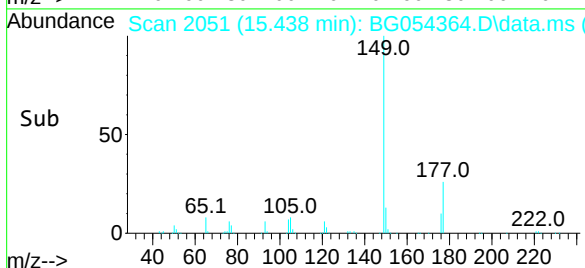
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

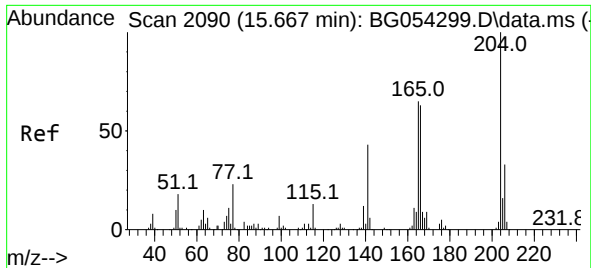


#60
Diethylphthalate
Concen: 44.038 ng
RT: 15.438 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



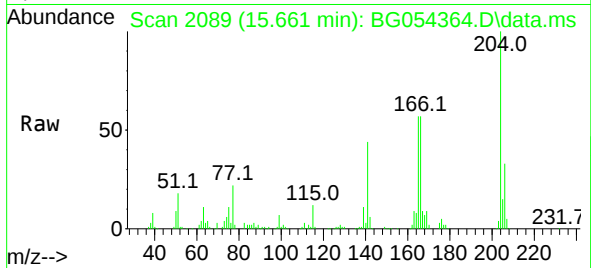
Tgt Ion:149 Resp: 196609
Ion Ratio Lower Upper
149 100
177 25.6 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 45.138 ng
RT: 15.661 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

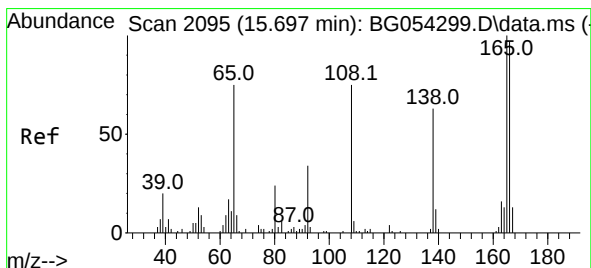
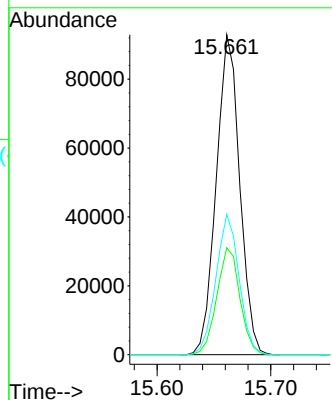
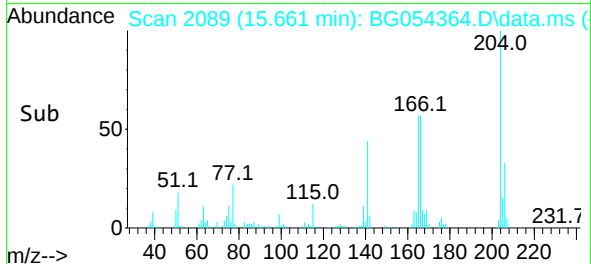
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



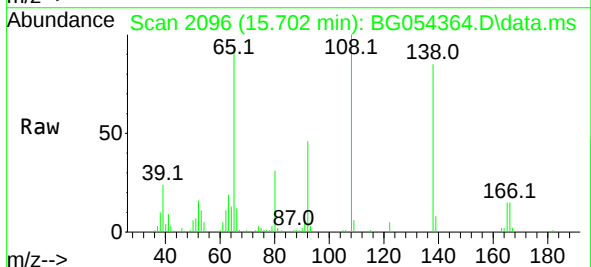
Tgt Ion:204 Resp: 133042
Ion Ratio Lower Upper
204 100
206 33.5 27.5 41.3
141 43.8 45.3 67.9

Manual Integrations
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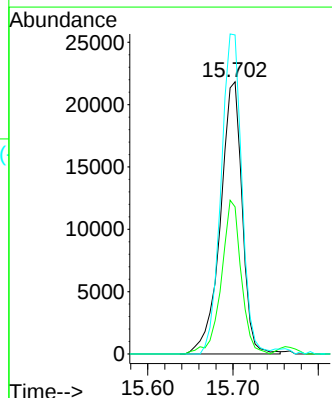
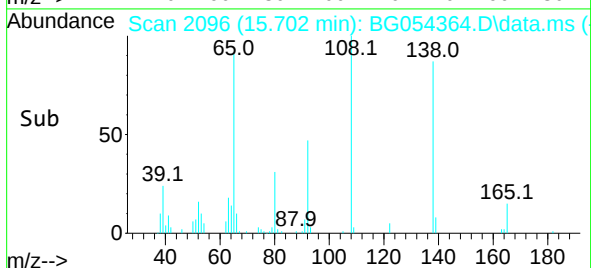
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

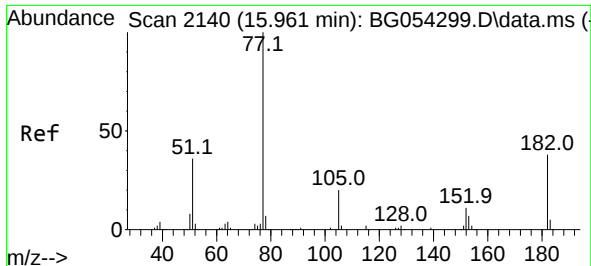


#62
4-Nitroaniline
Concen: 43.122 ng
RT: 15.702 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



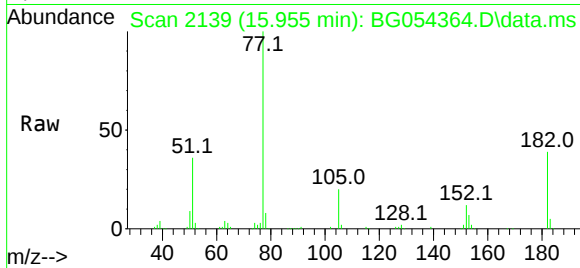
Tgt Ion:138 Resp: 38677
Ion Ratio Lower Upper
138 100
92 54.0 40.5 80.5
108 117.2 103.7 143.7





#63
Azobenzene
Concen: 43.202 ng
RT: 15.955 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

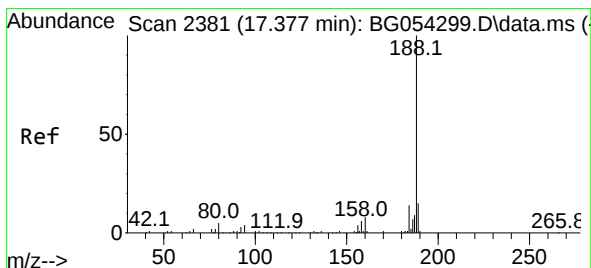
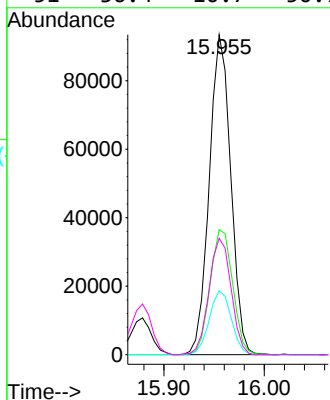
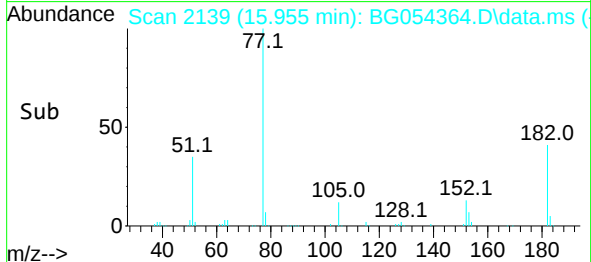
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



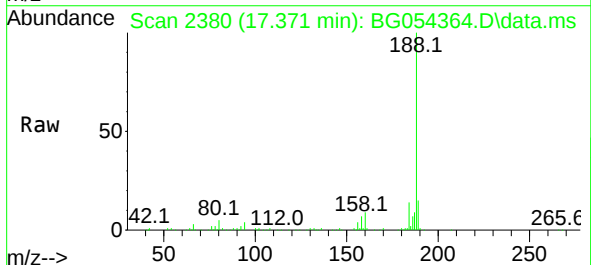
Tgt Ion: 77 Resp: 13936
Ion Ratio Lower Upper
77 100
182 39.1 3.8 43.8
105 20.0 0.0 37.8
51 36.4 10.7 50.7

Manual Integrations
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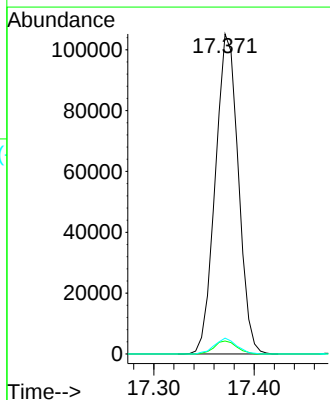
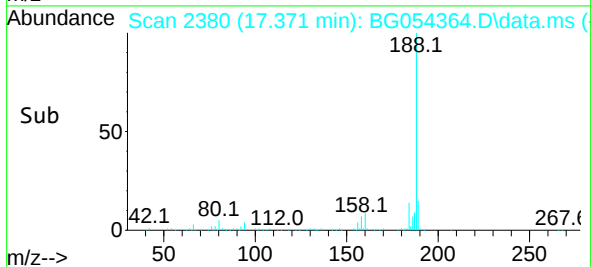
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

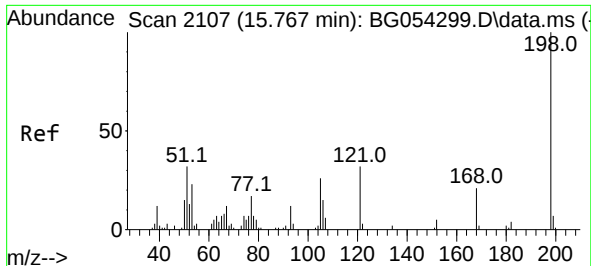


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



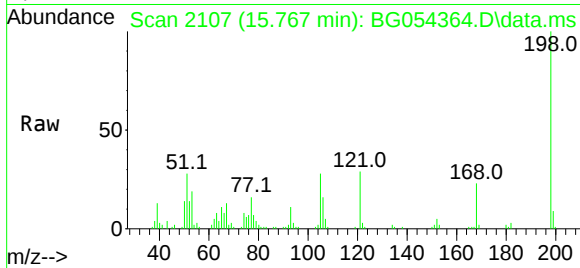
Tgt Ion:188 Resp: 167424
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.9 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 44.071 ng
RT: 15.767 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

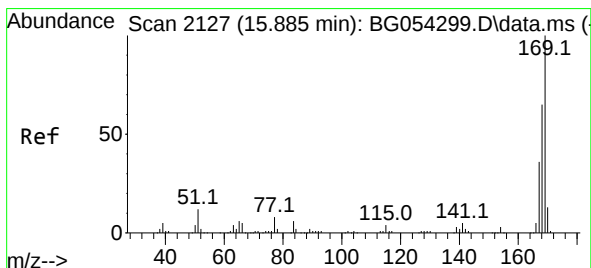
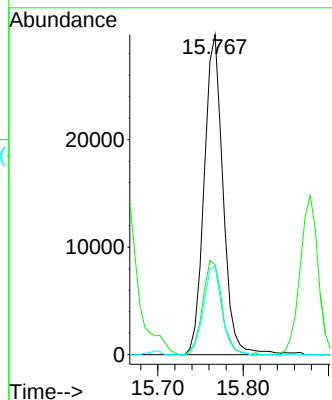
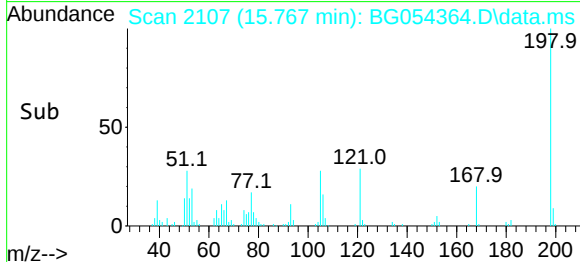
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



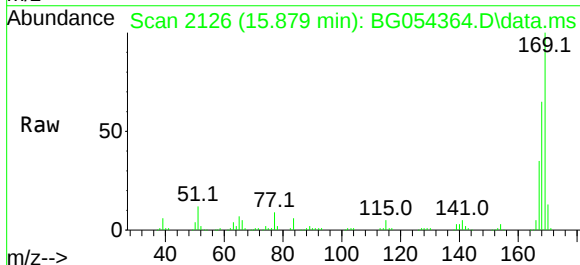
Tgt Ion:198 Resp: 4558
Ion Ratio Lower Upper
198 100
51 28.2 28.1 68.1
105 27.7 20.3 60.3

Manual Integrations
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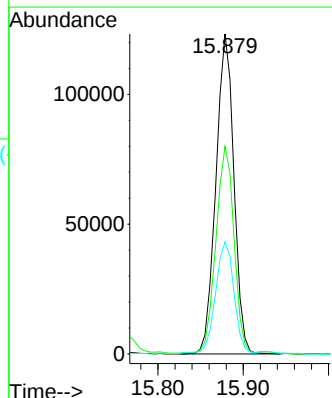
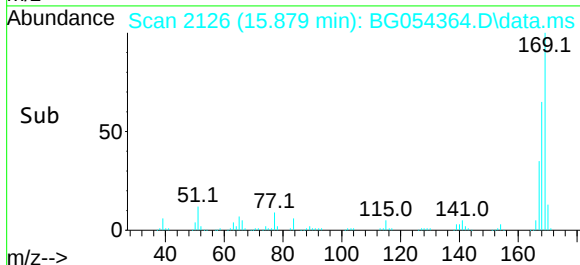
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#66
n-Nitrosodiphenylamine
Concen: 43.284 ng
RT: 15.879 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



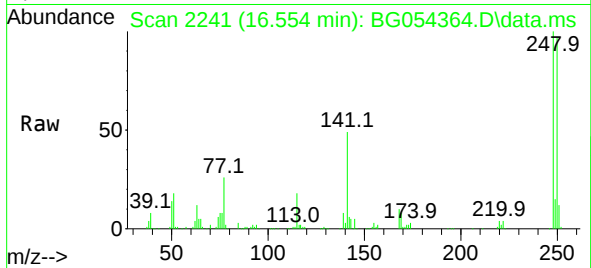
Tgt Ion:169 Resp: 180929
Ion Ratio Lower Upper
169 100
168 64.9 55.9 83.9
167 35.0 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 43.546 ng
RT: 16.554 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

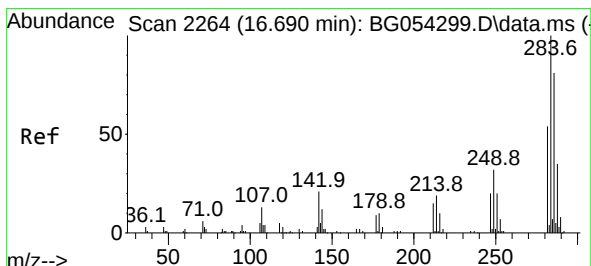
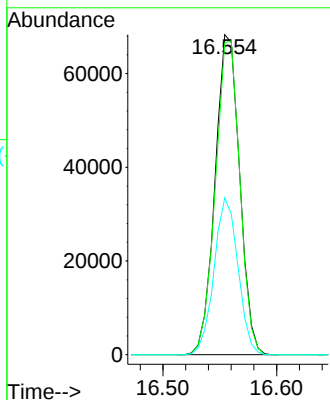
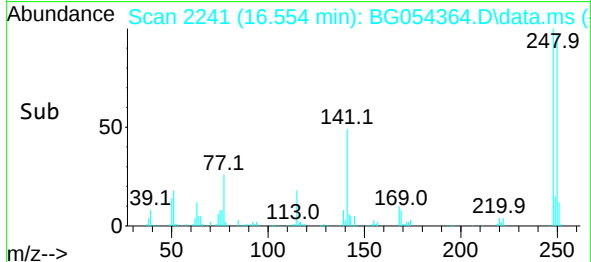
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



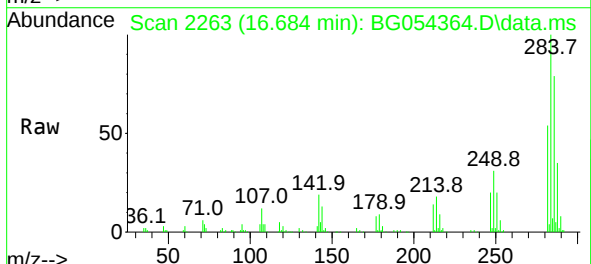
Tgt Ion:248 Resp: 10239
Ion Ratio Lower Upper
248 100
250 97.5 75.2 112.8
141 49.0 50.0 75.0

Manual Integrations
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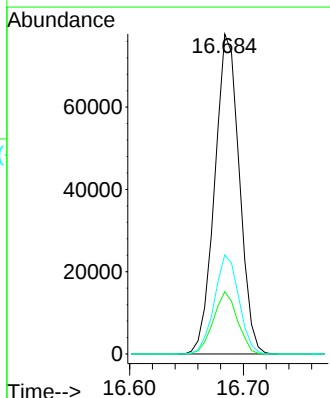
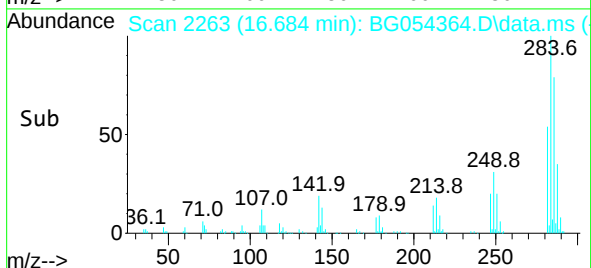
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

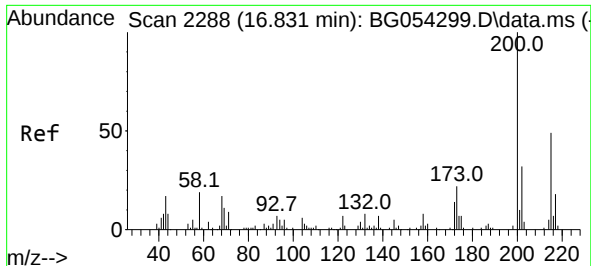


#68
Hexachlorobenzene
Concen: 43.432 ng
RT: 16.684 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



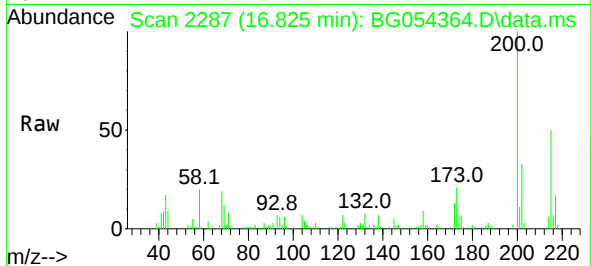
Tgt Ion:284 Resp: 116789
Ion Ratio Lower Upper
284 100
142 19.4 23.6 35.4#
249 33.3 25.8 38.6





#69
 Atrazine
 Concen: 50.356 ng
 RT: 16.825 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054364.D
 Acq: 22 Jul 2022 17:56

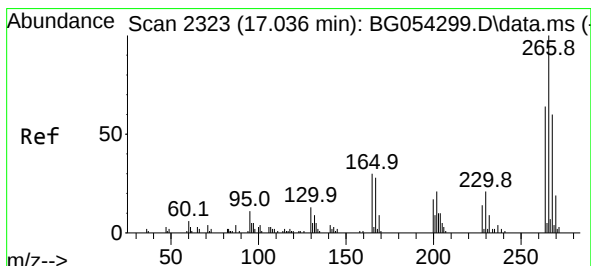
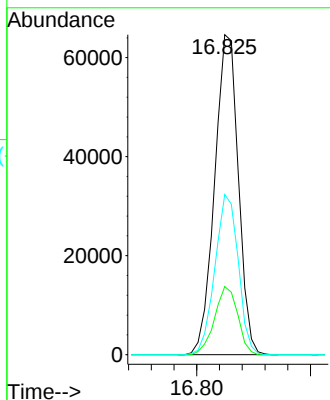
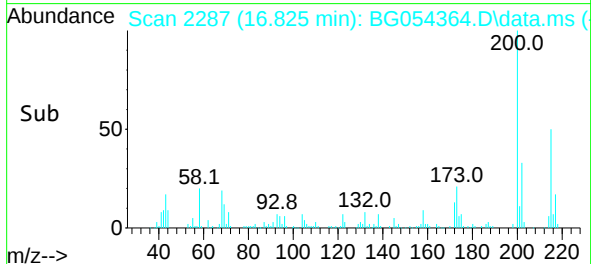
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-3(10-15)MSD



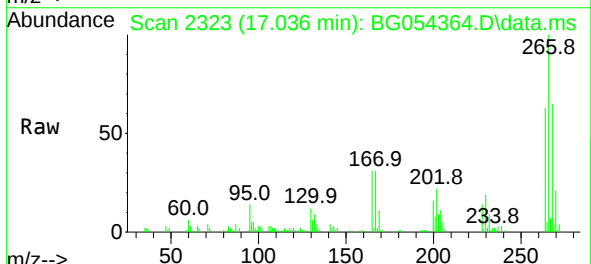
Tgt Ion:200 Resp: 9366
 Ion Ratio Lower Upper
 200 100
 173 21.3 3.7 43.7
 215 50.0 25.2 65.2

Manual Integrations
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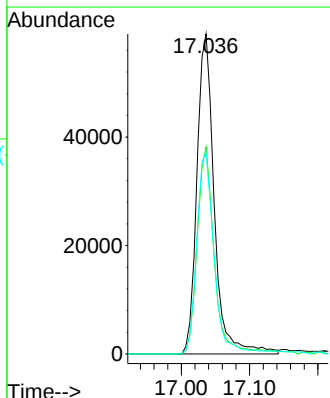
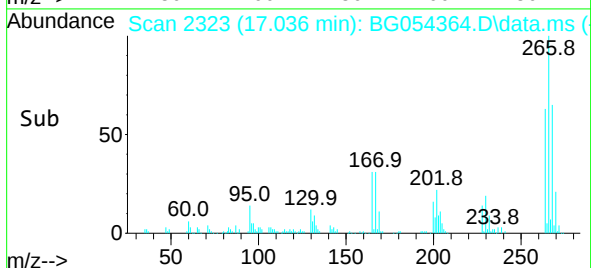
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

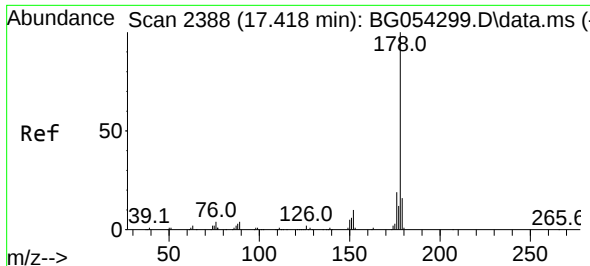


#70
 Pentachlorophenol
 Concen: 89.071 ng
 RT: 17.036 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: BG054364.D
 Acq: 22 Jul 2022 17:56



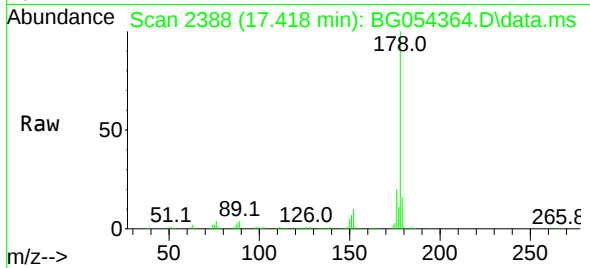
Tgt Ion:266 Resp: 104411
 Ion Ratio Lower Upper
 266 100
 268 64.7 56.2 84.2
 264 62.9 53.0 79.4





#71
Phenanthrene
Concen: 51.738 ng
RT: 17.418 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

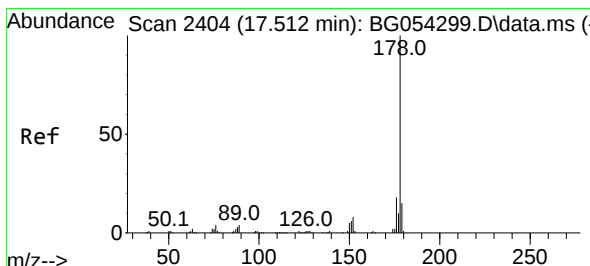
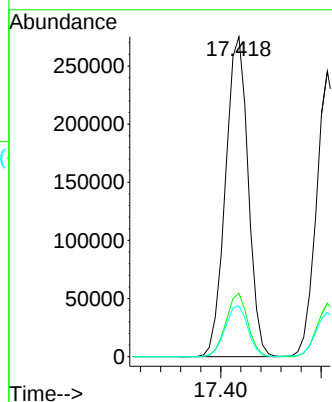
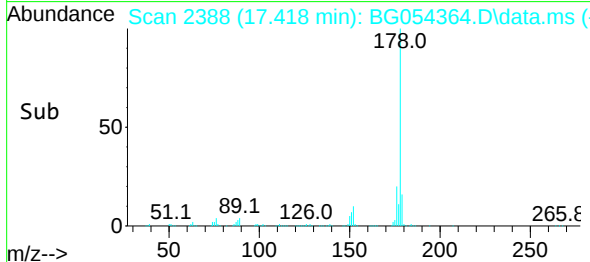
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



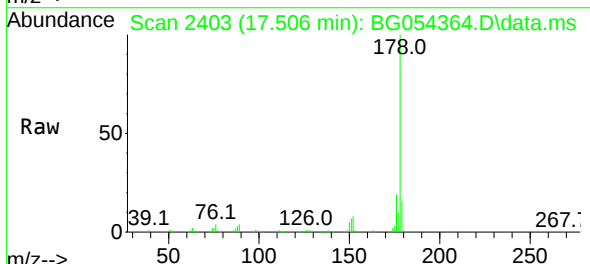
Tgt Ion:178 Resp: 43137
Ion Ratio Lower Upper
178 100
176 19.9 14.1 21.1
179 15.9 12.1 18.1

Manual Integrations
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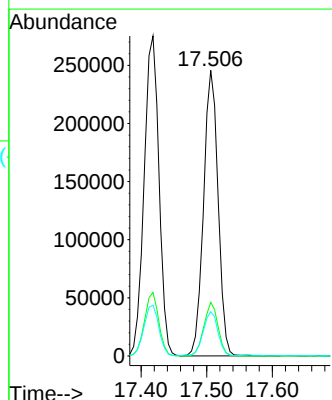
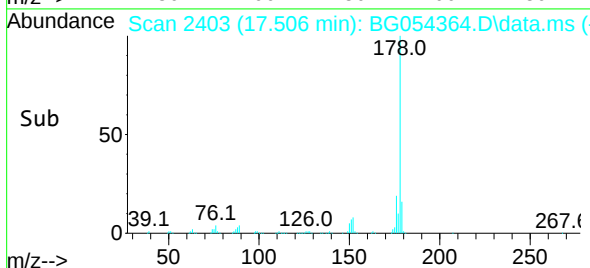
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

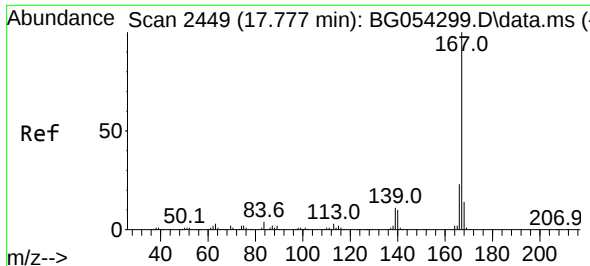


#72
Anthracene
Concen: 46.156 ng
RT: 17.506 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



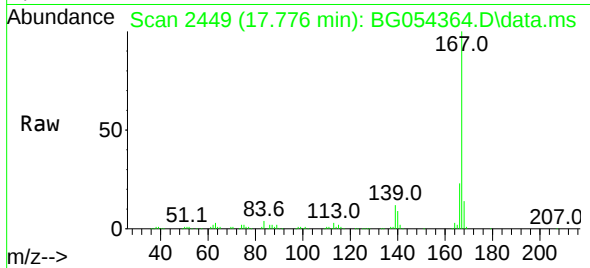
Tgt Ion:178 Resp: 377638
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.5 13.0 19.4





#73
 Carbazole
 Concen: 45.313 ng
 RT: 17.776 min Scan# 2449
 Delta R.T. -0.000 min
 Lab File: BG054364.D
 Acq: 22 Jul 2022 17:56

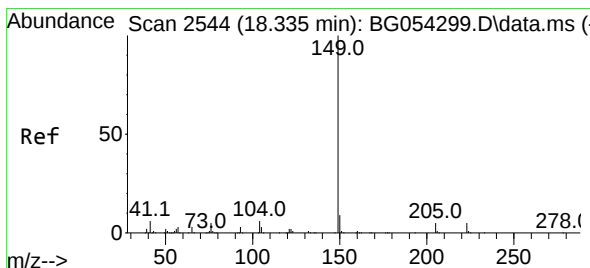
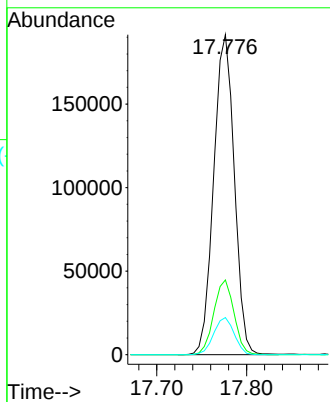
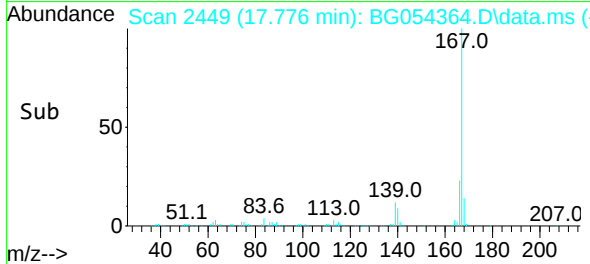
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-3(10-15)MSD



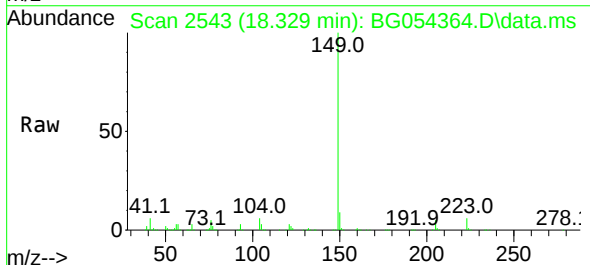
Tgt Ion:167 Resp: 305228
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.2
 139 11.6 10.1 15.1

Manual Integrations
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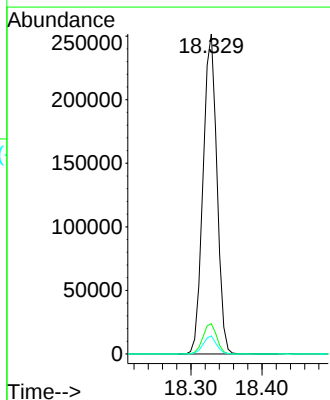
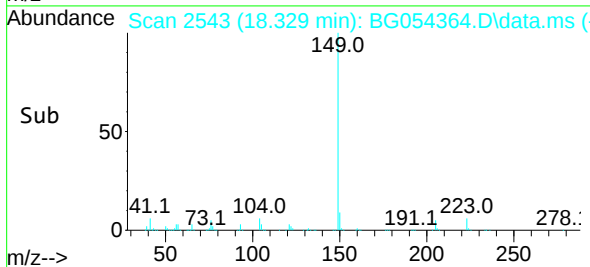
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

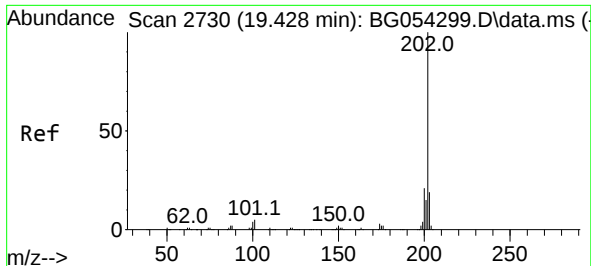


#74
 Di-n-butylphthalate
 Concen: 42.954 ng
 RT: 18.329 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: BG054364.D
 Acq: 22 Jul 2022 17:56



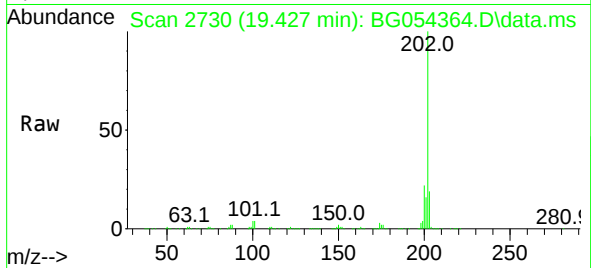
Tgt Ion:149 Resp: 341444
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.6 5.4 8.0





#75
Fluoranthene
Concen: 53.260 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

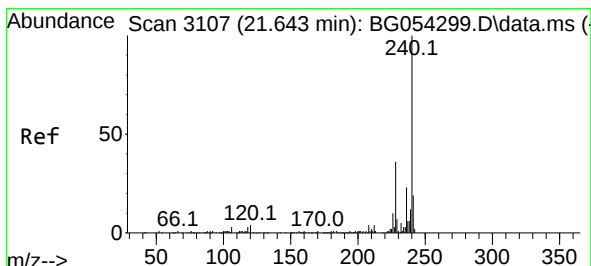
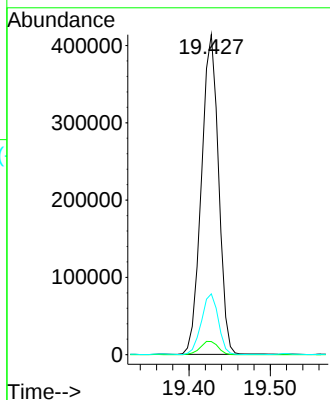
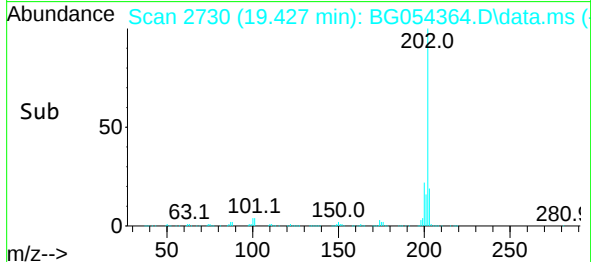
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:202 Resp: 60533
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 19.0 0.0 37.2

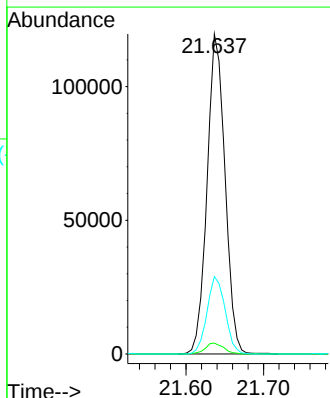
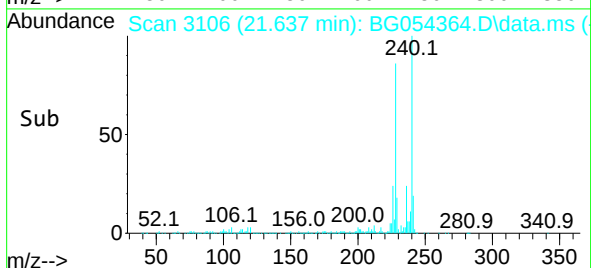
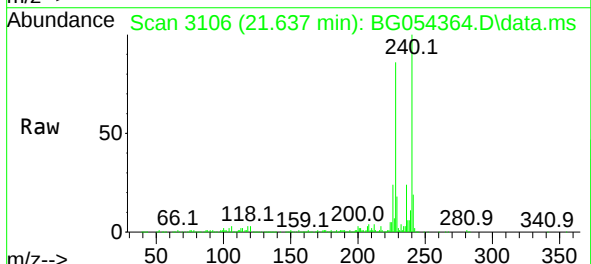
Manual Integrations
APPROVED

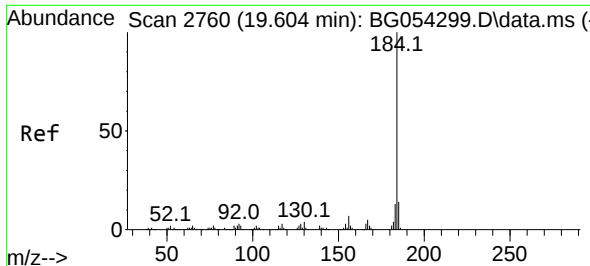
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

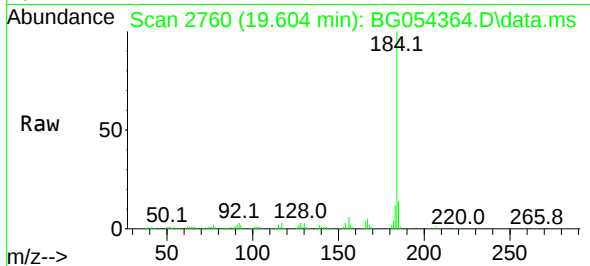
Tgt Ion:240 Resp: 192197
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.2 20.2 30.4





#77
Benzidine
Concen: 61.473 ng
RT: 19.604 min Scan# 213970
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

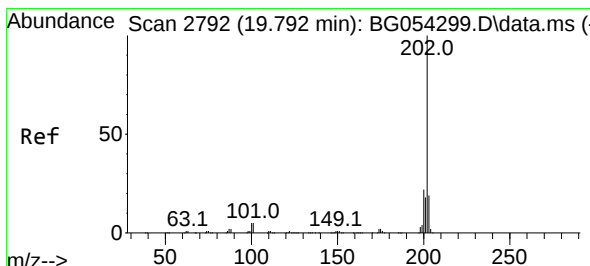
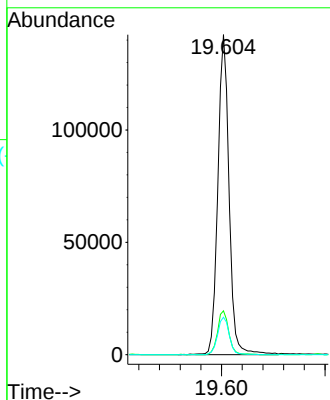
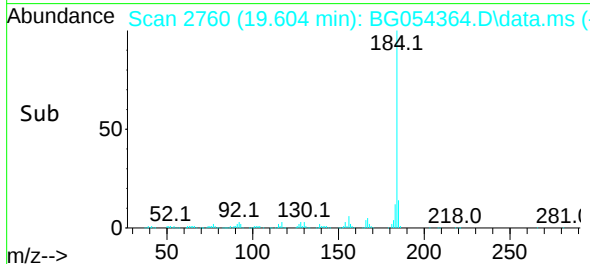
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



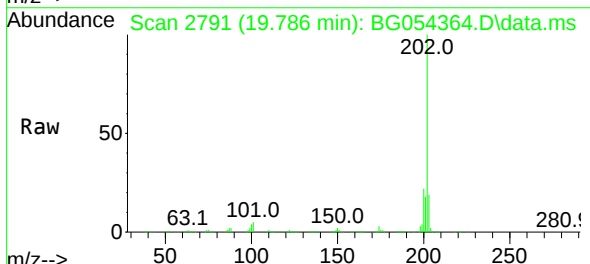
Tgt Ion:184 Resp: 213970
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 11.7 8.9 13.3

Manual Integrations
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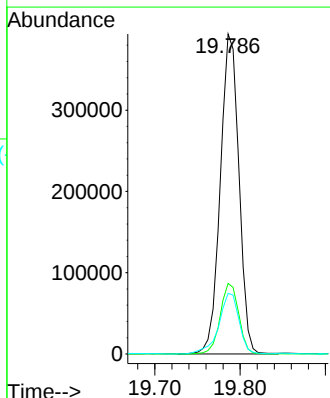
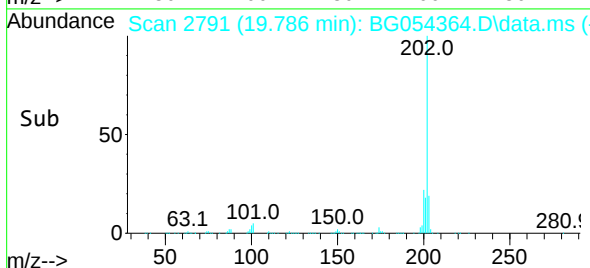
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

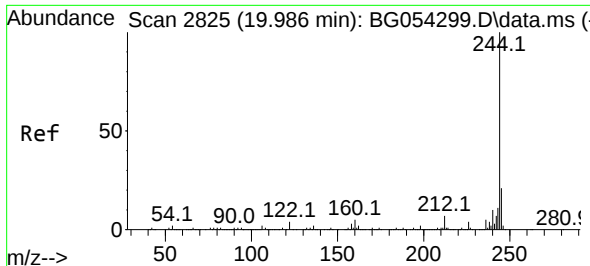


#78
Pyrene
Concen: 54.113 ng
RT: 19.786 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



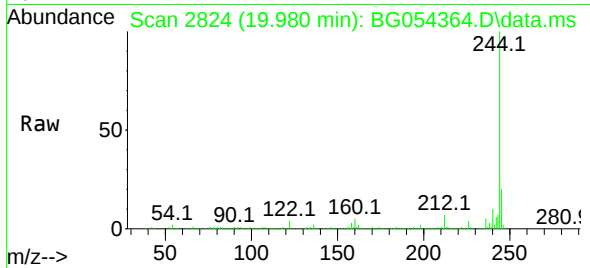
Tgt Ion:202 Resp: 596767
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 19.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 51.534 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054364.D
 Acq: 22 Jul 2022 17:56

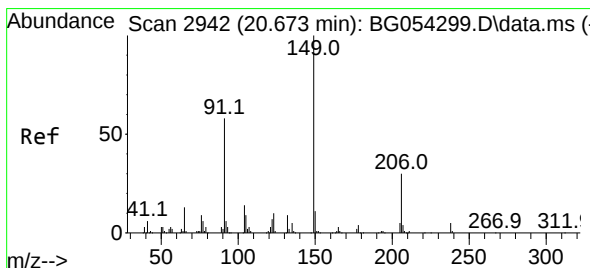
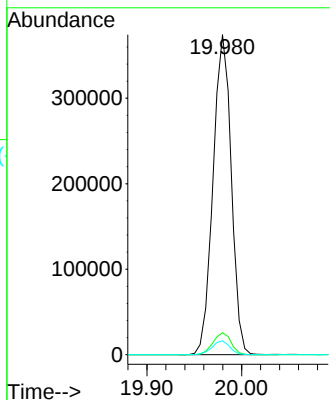
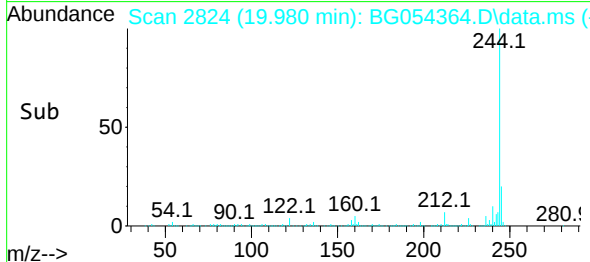
Instrument :
 BNA_G
 ClientSampleId :
 ENV-DE-3(10-15)MSD



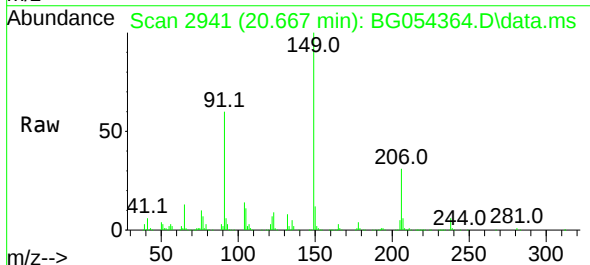
Tgt Ion:244 Resp: 499278
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.3 5.0 7.4

Manual Integrations
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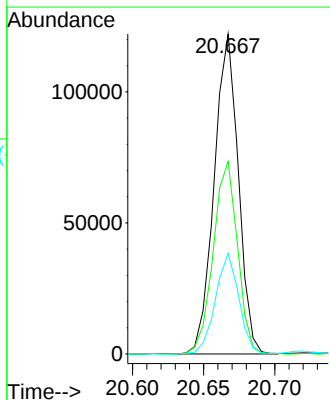
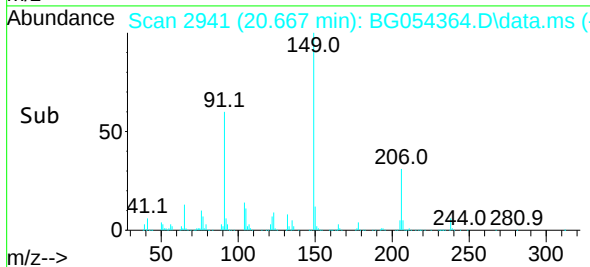
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

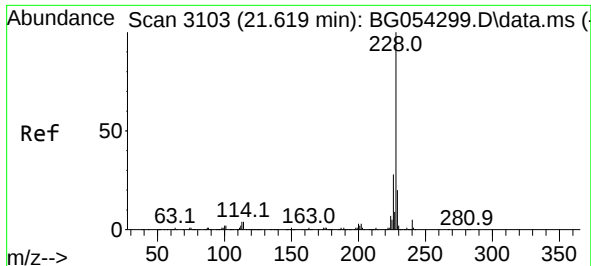


#80
 Butylbenzylphthalate
 Concen: 41.983 ng
 RT: 20.667 min Scan# 2941
 Delta R.T. -0.006 min
 Lab File: BG054364.D
 Acq: 22 Jul 2022 17:56



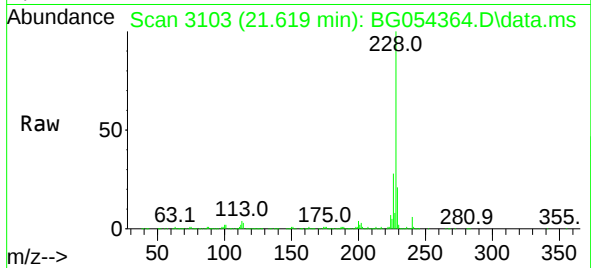
Tgt Ion:149 Resp: 144282
 Ion Ratio Lower Upper
 149 100
 91 60.1 59.6 89.4
 206 31.5 18.6 28.0





#81
Benzo(a)anthracene
Concen: 48.388 ng
RT: 21.619 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

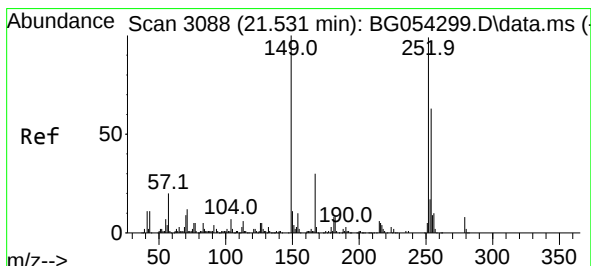
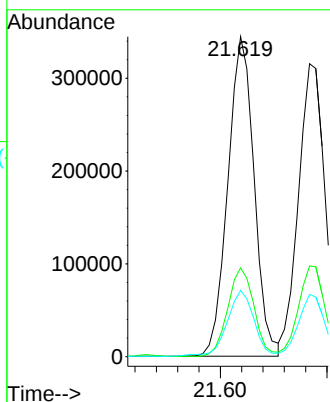
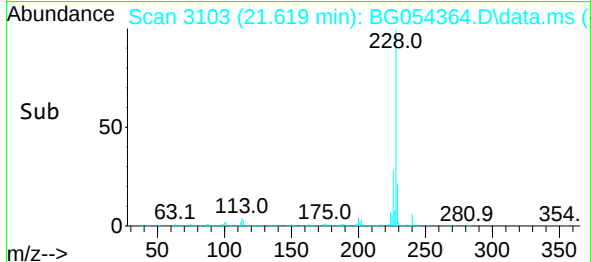
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



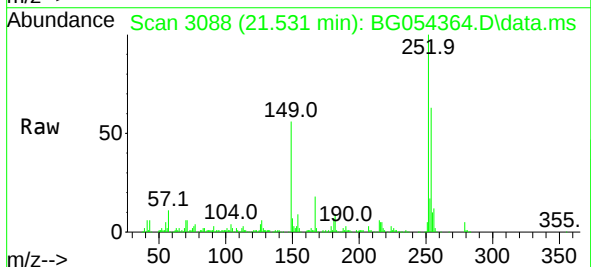
Tgt Ion:228 Resp: 590364
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.7 16.2 24.2

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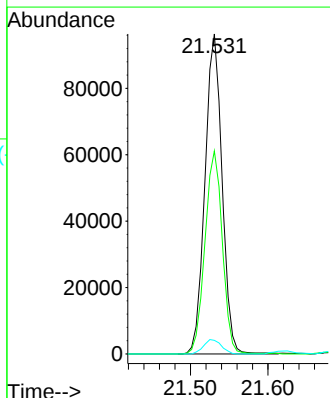
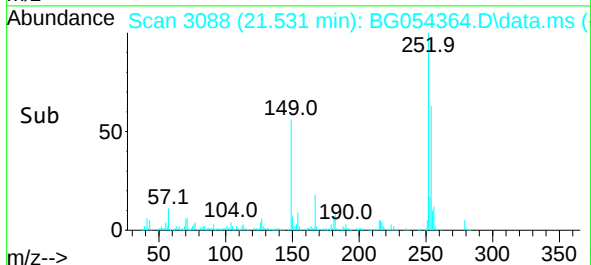
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

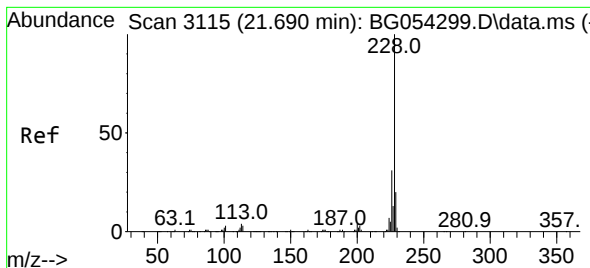


#82
3,3'-Dichlorobenzidine
Concen: 38.950 ng
RT: 21.531 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56



Tgt Ion:252 Resp: 147791
Ion Ratio Lower Upper
252 100
254 63.5 49.8 74.8
126 4.3 6.0 9.0#





#83

Chrysene

Concen: 46.624 ng

RT: 21.684 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG054364.D

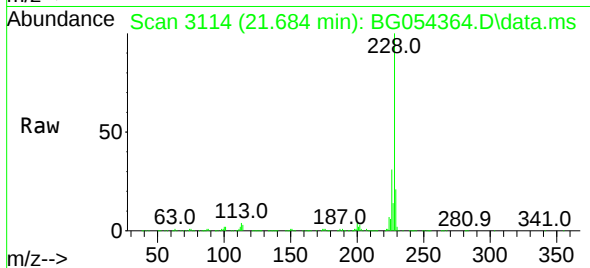
Acq: 22 Jul 2022 17:56

Instrument :

BNA_G

ClientSampleId :

ENV-DE-3(10-15)MSD



Tgt Ion:228 Resp: 537419

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

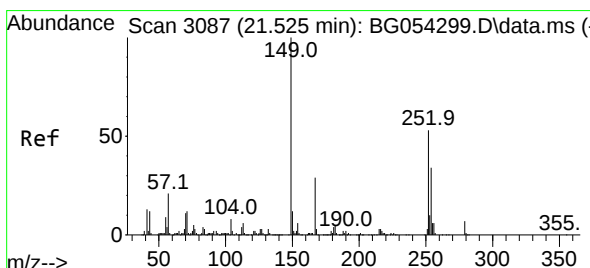
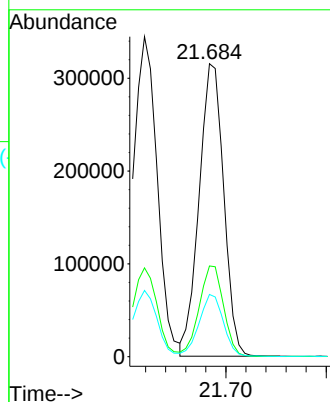
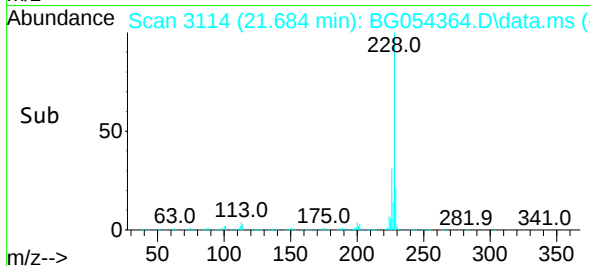
229 21.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.529 ng

RT: 21.519 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

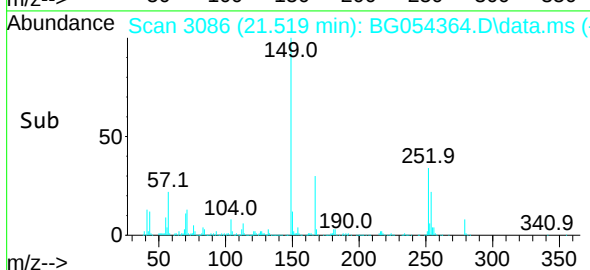
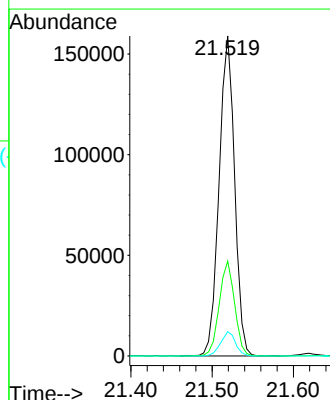
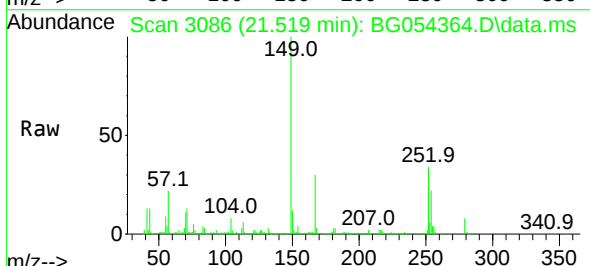
Tgt Ion:149 Resp: 211678

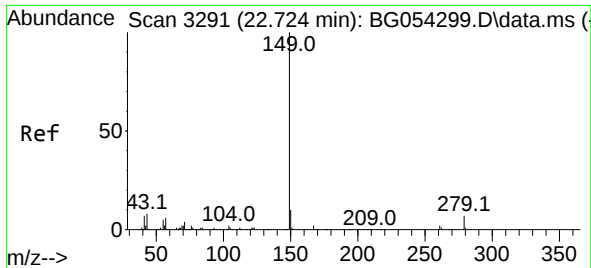
Ion Ratio Lower Upper

149 100

167 29.6 20.2 30.4

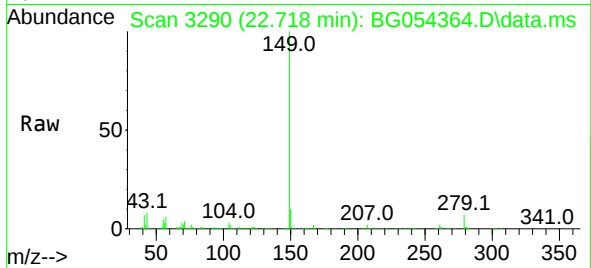
279 7.6 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 42.337 ng
RT: 22.718 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

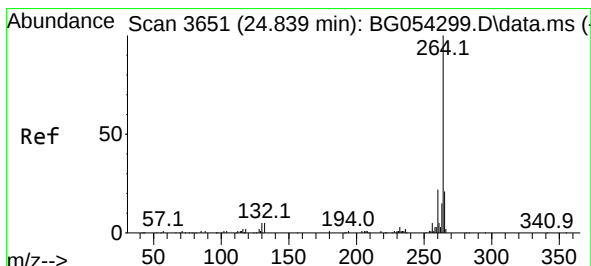
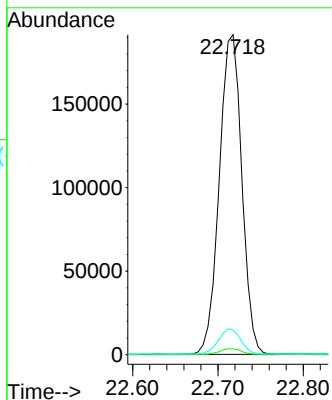
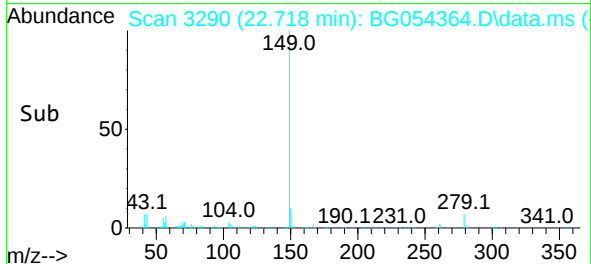
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:149 Resp: 351239
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9
43 8.0 9.0 13.4

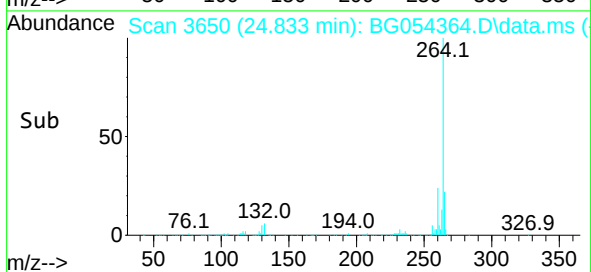
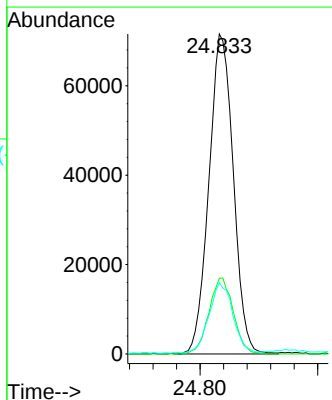
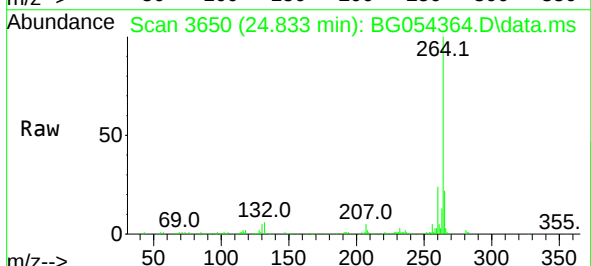
Manual Integrations
APPROVED

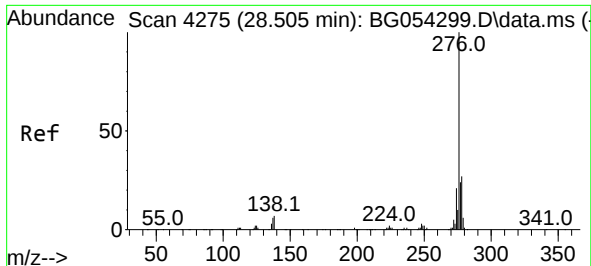
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.833 min Scan# 3650
Delta R.T. -0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

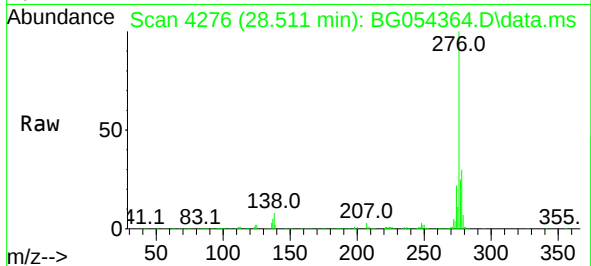
Tgt Ion:264 Resp: 205563
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.100 ng
RT: 28.511 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

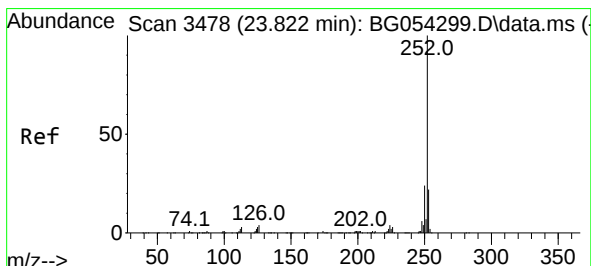
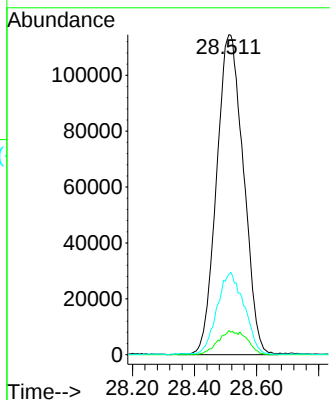
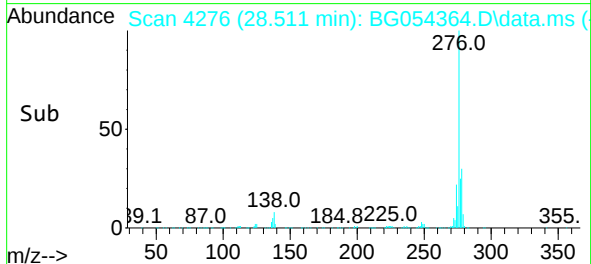
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:276 Resp: 68963
Ion Ratio Lower Upper
276 100
138 8.0 5.0 7.4
277 26.0 20.3 30.5

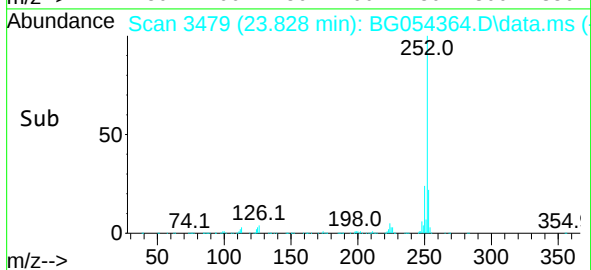
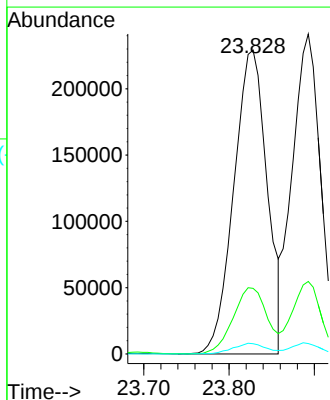
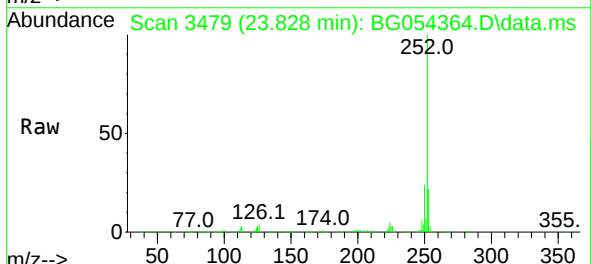
Manual Integrations
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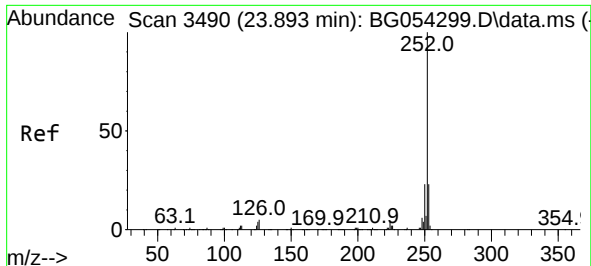
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#88
Benzo(b)fluoranthene
Concen: 51.149 ng
RT: 23.828 min Scan# 3479
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

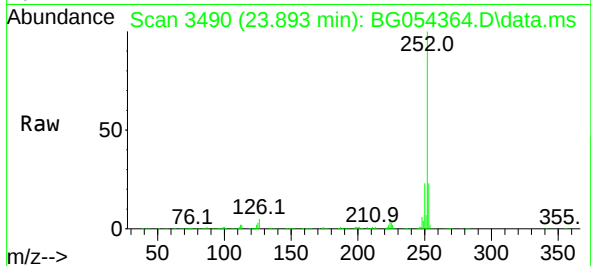
Tgt Ion:252 Resp: 621808
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 3.4 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 45.953 ng
RT: 23.893 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

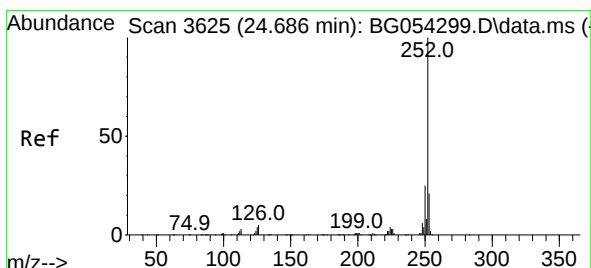
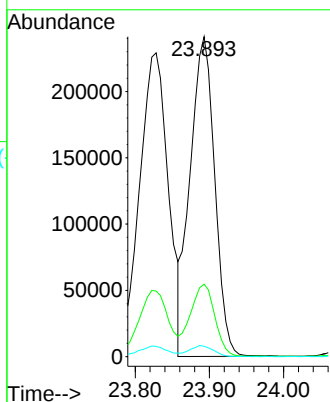
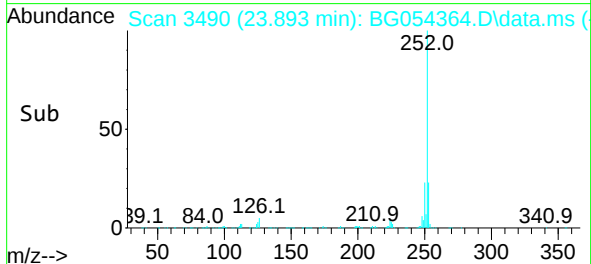
Instrument :
BNA_G
ClientSampleId :
ENV-DE-3(10-15)MSD



Tgt Ion:252 Resp: 55596
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 3.3 4.8 7.2

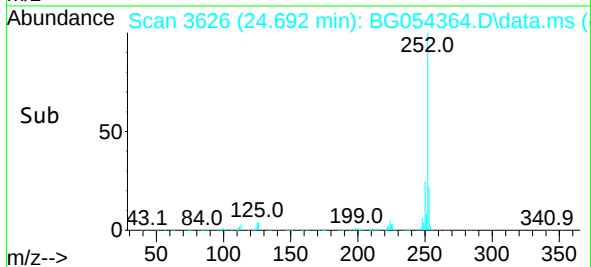
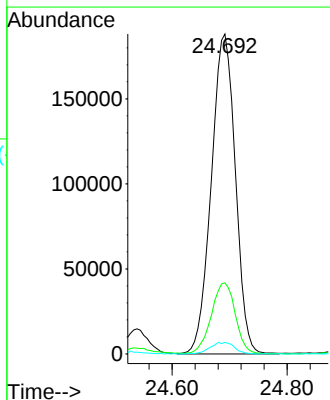
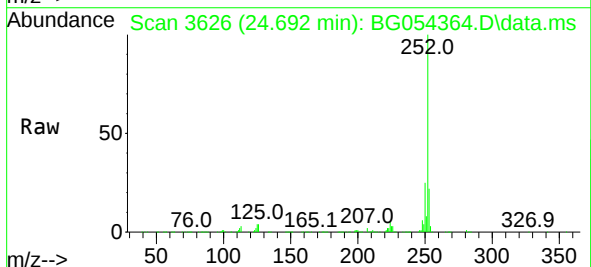
Manual Integrations
APPROVED

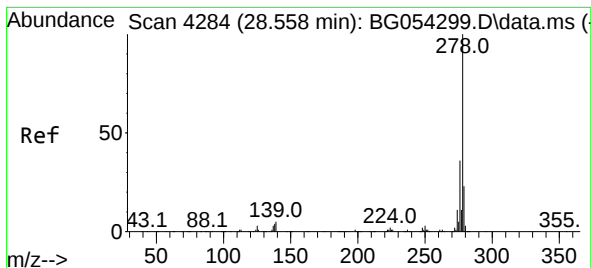
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#90
Benzo(a)pyrene
Concen: 52.705 ng m
RT: 24.692 min Scan# 3626
Delta R.T. 0.006 min
Lab File: BG054364.D
Acq: 22 Jul 2022 17:56

Tgt Ion:252 Resp: 547187
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 3.6 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 44.313 ng

RT: 28.564 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

Instrument :

BNA_G

ClientSampleId :

ENV-DE-3(10-15)MSD

Tgt Ion:278 Resp: 56981

Ion Ratio Lower Upper

278 100

139 5.5 7.2 10.8

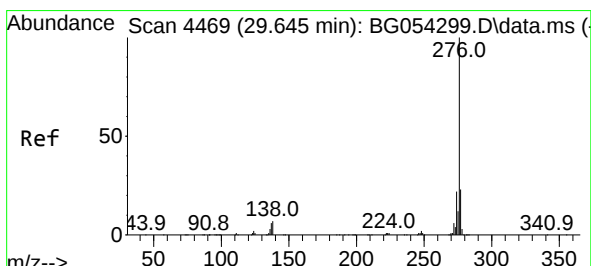
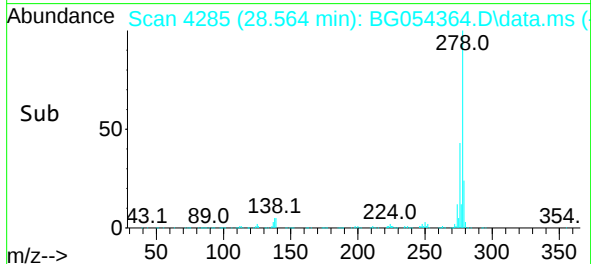
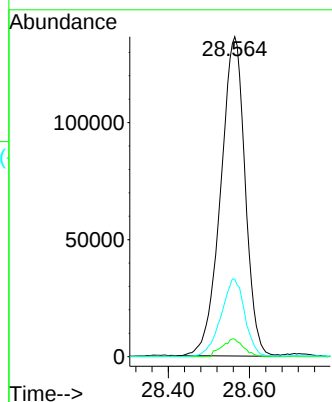
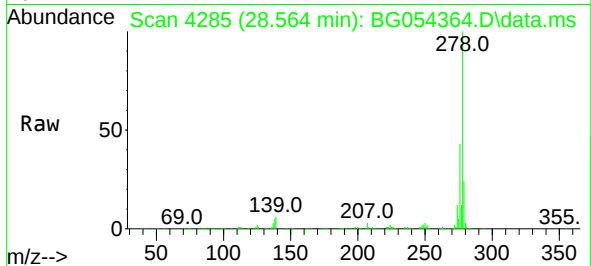
279 24.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#92

Benzo(g,h,i)perylene

Concen: 46.692 ng

RT: 29.662 min Scan# 4472

Delta R.T. 0.017 min

Lab File: BG054364.D

Acq: 22 Jul 2022 17:56

Tgt Ion:276 Resp: 592590

Ion Ratio Lower Upper

276 100

277 24.1 17.3 25.9

138 6.8 9.6 14.4#

