

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052318.D
 Acq On : 8 Feb 2022 14:23
 Operator : CG/JU
 Sample : N1391-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-020322MSD

Quant Time: Feb 08 14:58:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	34836	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	148745	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	100638	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	217320	20.000	ng	0.00
76) Chrysene-d12	21.947	240	185497	20.000	ng	0.00
86) Perylene-d12	25.424	264	187730	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	215107	107.619	ng	0.00
7) Phenol-d6	7.378	99	311945	101.149	ng	0.00
23) Nitrobenzene-d5	9.399	82	215795	63.052	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	147574	102.069	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	485964	67.098	ng	0.00
79) Terphenyl-d14	20.220	244	668591	63.647	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.583	88	28291	30.739	ng	96
3) Pyridine	3.995	79	75134	28.147	ng	96
4) n-Nitrosodimethylamine	3.901	42	52433	38.042	ng	90
6) Aniline	7.537	93	111412	31.095	ng	98
8) 2-Chlorophenol	7.789	128	108445	49.320	ng	95
9) Benzaldehyde	7.349	77	81110	50.021	ng	97
10) Phenol	7.402	94	149941	48.933	ng	99
11) bis(2-Chloroethyl)ether	7.631	93	98291	41.965	ng	91
12) 1,3-Dichlorobenzene	8.118	146	115851	46.243	ng	94
13) 1,4-Dichlorobenzene	8.265	146	119666	46.855	ng	96
14) 1,2-Dichlorobenzene	8.588	146	116792	46.368	ng	93
15) Benzyl Alcohol	8.459	79	113821	44.469	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.753	45	141362	41.796	ng	99
17) 2-Methylphenol	8.671	107	95634	47.296	ng	95
18) Hexachloroethane	9.329	117	44365	49.958	ng	94
19) n-Nitroso-di-n-propyla...	9.035	70	90821	39.063	ng	92
20) 3+4-Methylphenols	9.005	107	132096	45.663	ng	95
22) Acetophenone	9.052	105	165277	42.042	ng	94
24) Nitrobenzene	9.446	77	141295	43.523	ng	94
25) Isophorone	9.969	82	252323	43.330	ng	99
26) 2-Nitrophenol	10.163	139	62914	45.721	ng	91
27) 2,4-Dimethylphenol	10.221	122	108515	53.263	ng	93
28) bis(2-Chloroethoxy)met...	10.451	93	135440	40.982	ng	99
29) 2,4-Dichlorophenol	10.709	162	114464	46.872	ng	95
30) 1,2,4-Trichlorobenzene	10.926	180	132084	46.320	ng	96
31) Naphthalene	11.120	128	351591	45.088	ng	98
32) Benzoic acid	10.368	122	71380	53.416	ng	96
33) 4-Chloroaniline	11.220	127	94197	28.934	ng	97
34) Hexachlorobutadiene	11.408	225	88137	45.766	ng	96
35) Caprolactam	11.990	113	37857m	42.539	ng	
36) 4-Chloro-3-methylphenol	12.336	107	129280	46.533	ng	96
37) 2-Methylnaphthalene	12.712	142	262614	45.342	ng	99
38) 1-Methylnaphthalene	12.935	142	248982	44.364	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.082	216	163889	49.511	ng	99
41) Hexachlorocyclopentadiene	13.059	237	76136	49.871	ng	95
43) 2,4,6-Trichlorophenol	13.311	196	106616	49.248	ng	95

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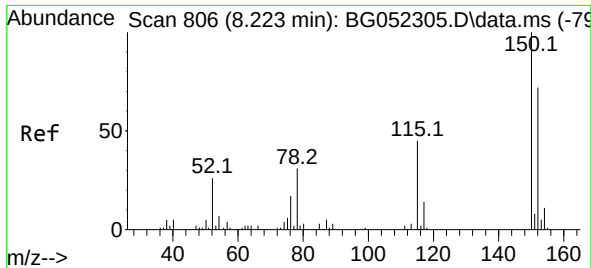
Quant Time: Feb 08 14:58:54 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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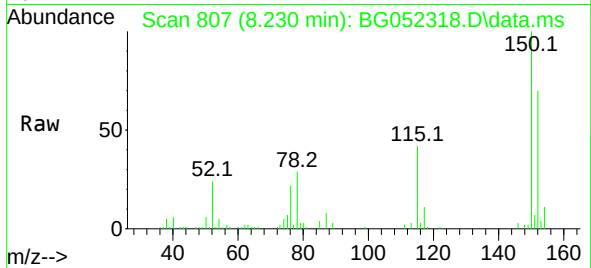
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	116095	49.485	ng	92
46) 1,1'-Biphenyl	13.711	154	354714	48.067	ng	99
47) 2-Chloronaphthalene	13.758	162	270248	47.533	ng	97
48) 2-Nitroaniline	13.952	65	93527	46.206	ng	95
49) Acenaphthylene	14.604	152	439970	47.538	ng	99
50) Dimethylphthalate	14.316	163	328463	42.605	ng	99
51) 2,6-Dinitrotoluene	14.439	165	75767	45.543	ng	90
52) Acenaphthene	14.944	154	291296m	48.059	ng	
53) 3-Nitroaniline	14.768	138	63730	36.855	ng	98
54) 2,4-Dinitrophenol	14.980	184	60301	59.846	ng	97
55) Dibenzofuran	15.273	168	409818	42.993	ng	99
56) 4-Nitrophenol	15.080	139	126613	97.498	ng	89
57) 2,4-Dinitrotoluene	15.226	165	106859	45.129	ng	89
58) Fluorene	15.920	166	340531	44.750	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.497	232	99742	44.504	ng	99
60) Diethylphthalate	15.673	149	331507	42.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.902	204	188105	43.396	ng	97
62) 4-Nitroaniline	15.931	138	69375	38.109	ng	90
63) Azobenzene	16.202	77	337425	42.323	ng	94
65) 4,6-Dinitro-2-methylph...	15.996	198	43127	32.989	ng	89
66) n-Nitrosodiphenylamine	16.119	169	296996	49.601	ng	97
67) 4-Bromophenyl-phenylether	16.801	248	123333	46.667	ng	95
68) Hexachlorobenzene	16.936	284	132470	46.214	ng	94
69) Atrazine	17.059	200	120886	49.937	ng	95
70) Pentachlorophenol	17.277	266	156788	111.805	ng	97
71) Phenanthrene	17.670	178	516123	46.070	ng	97
72) Anthracene	17.758	178	518063	47.190	ng	99
73) Carbazole	18.023	167	463120	43.253	ng	99
74) Di-n-butylphthalate	18.569	149	525377	45.035	ng	98
75) Fluoranthene	19.673	202	604583	42.382	ng	99
77) Benzidine	19.838	184	164583	41.523	ng	98
78) Pyrene	20.032	202	602038	48.503	ng	98
80) Butylbenzylphthalate	20.901	149	200965	46.611	ng	97
81) Benzo(a)anthracene	21.923	228	576653	46.978	ng	99
82) 3,3'-Dichlorobenzidine	21.823	252	172831	40.331	ng	98
83) Chrysene	21.994	228	542448	46.634	ng	99
84) Bis(2-ethylhexyl)phtha...	21.800	149	286234	47.878	ng	100
85) Di-n-octyl phthalate	23.098	149	484294	48.316	ng	99
87) Indeno(1,2,3-cd)pyrene	29.431	276	467890	34.059	ng	# 84
88) Benzo(b)fluoranthene	24.308	252	569129	48.650	ng	98
89) Benzo(k)fluoranthene	24.385	252	584638	50.589	ng	97
90) Benzo(a)pyrene	25.260	252	556590	56.323	ng	99
91) Dibenzo(a,h)anthracene	29.513	278	407755	35.930	ng	96
92) Benzo(g,h,i)perylene	30.688	276	341169	30.633	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.230 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: BG052318.D
 Acq: 8 Feb 2022 14:23

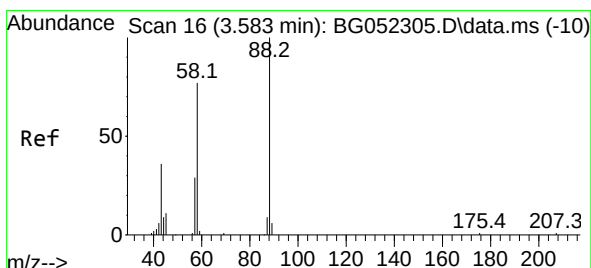
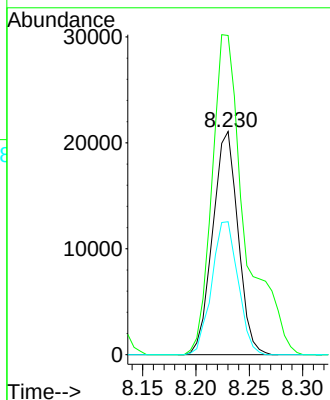
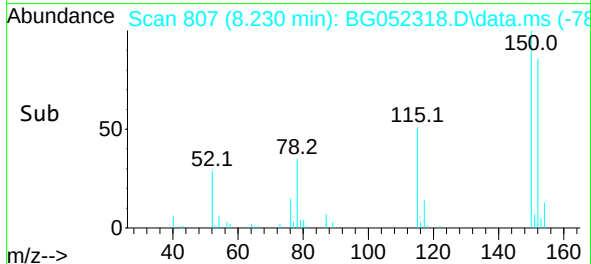
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-020322MSD



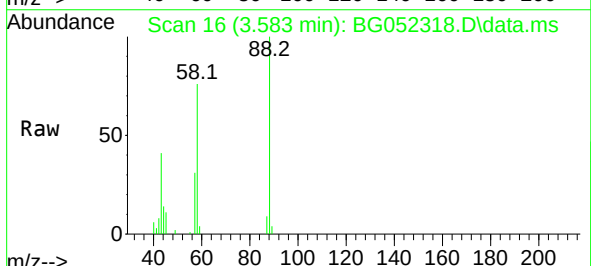
Tgt Ion:152 Resp: 3483
 Ion Ratio Lower Upper
 152 100
 150 143.0 117.8 176.8
 115 59.6 50.2 75.2

Manual Integrations
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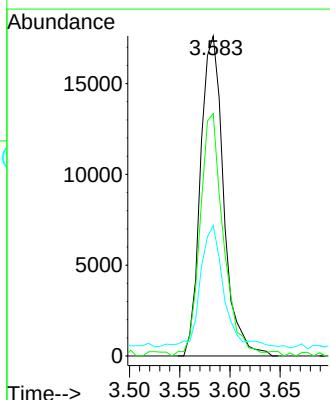
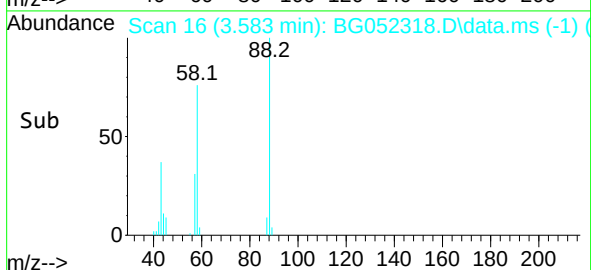
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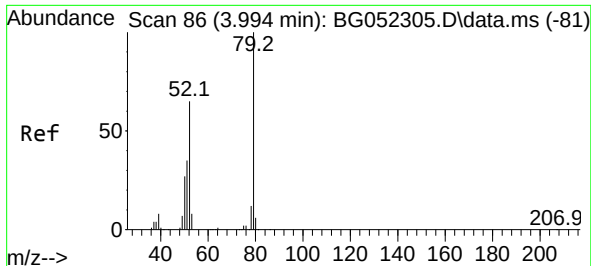


#2
 1,4-Dioxane
 Concen: 30.739 ng
 RT: 3.583 min Scan# 16
 Delta R.T. 0.001 min
 Lab File: BG052318.D
 Acq: 8 Feb 2022 14:23



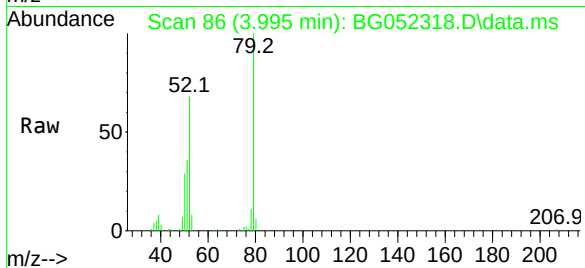
Tgt Ion: 88 Resp: 28291
 Ion Ratio Lower Upper
 88 100
 58 77.2 65.8 98.8
 43 39.8 31.6 47.4





#3
Pyridine
Concen: 28.147 ng
RT: 3.995 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

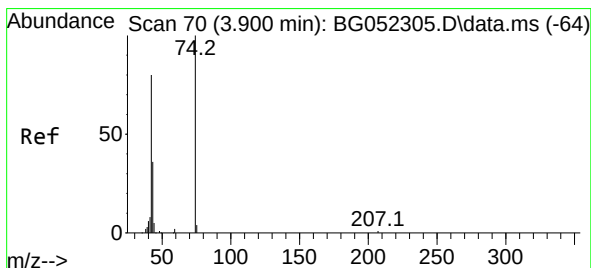
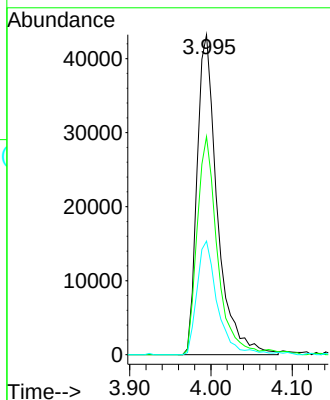
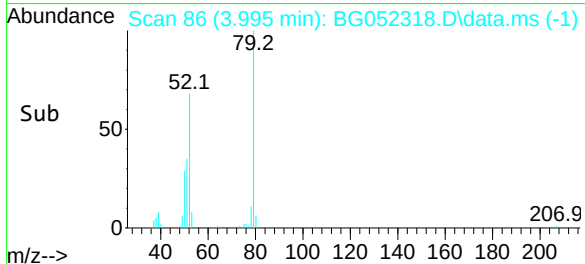
Instrument :
BNA_G
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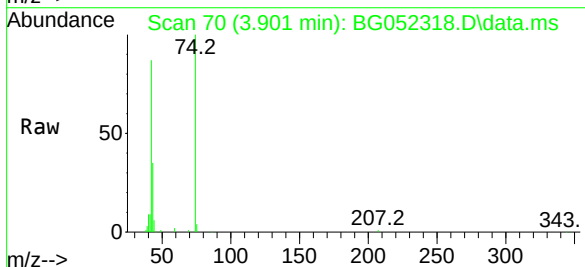
Tgt Ion: 79 Resp: 75134
Ion Ratio Lower Upper
79 100
52 68.1 55.0 82.6
51 35.5 32.5 48.7

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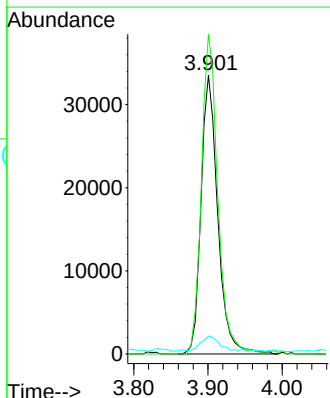
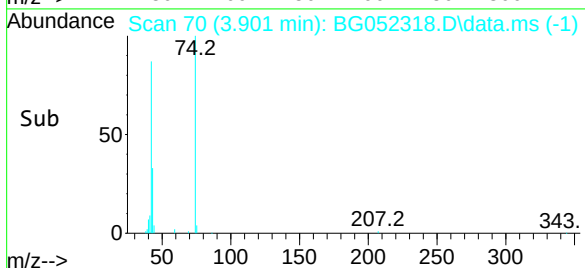
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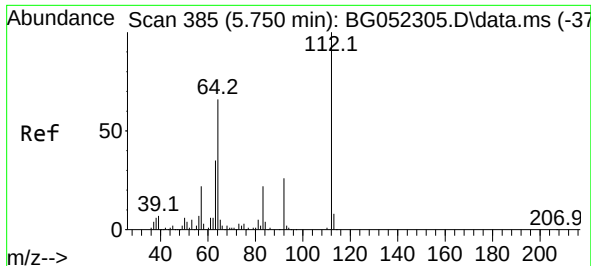


#4
n-Nitrosodimethylamine
Concen: 38.042 ng
RT: 3.901 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion: 42 Resp: 52433
Ion Ratio Lower Upper
42 100
74 114.7 83.0 124.4
44 6.4 5.0 7.6





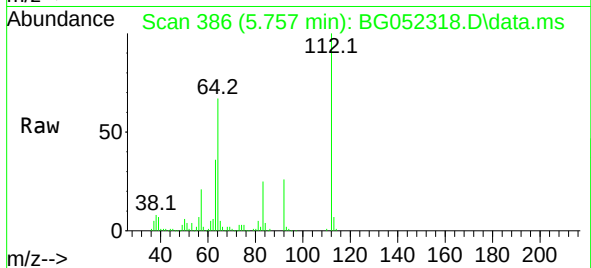
#5
2-Fluorophenol
Concen: 107.619 ng
RT: 5.757 min Scan# 385
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

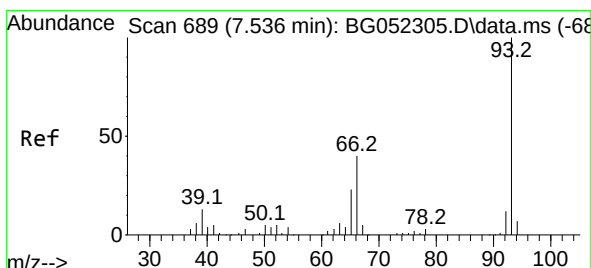
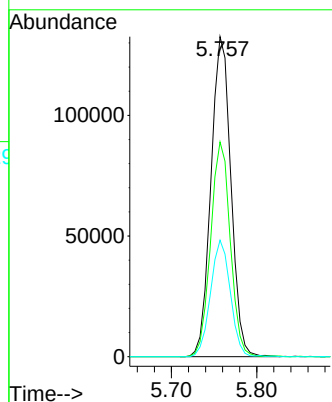


Tgt Ion: 112 Resp: 21510
Ion Ratio Lower Upper
112 100
64 67.1 60.4 90.6
63 36.4 33.3 49.9

Manual Integrations

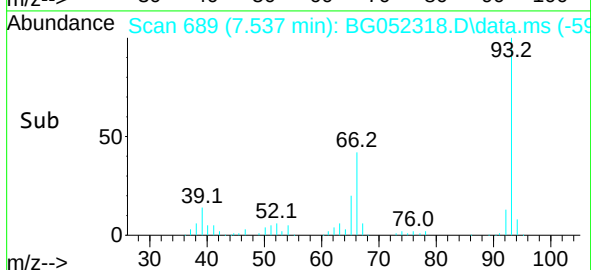
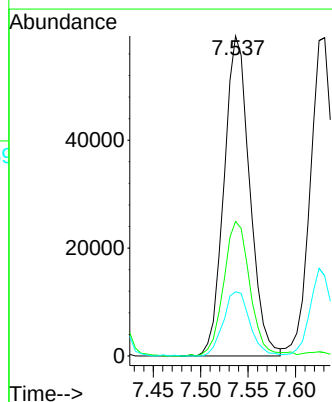
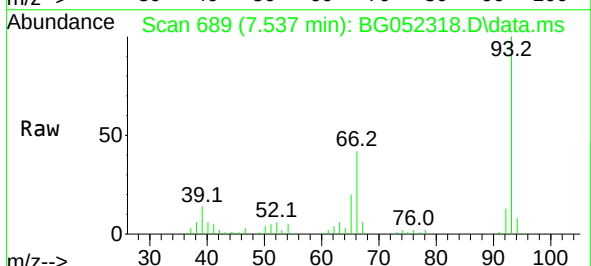
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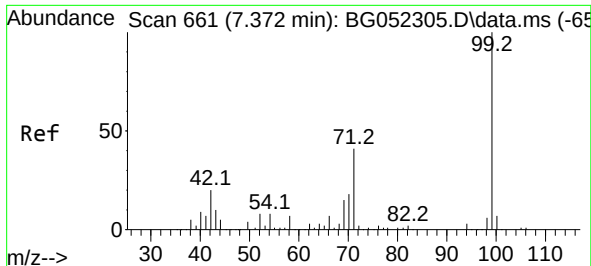
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#6
Aniline
Concen: 31.095 ng
RT: 7.537 min Scan# 689
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion: 93 Resp: 111412
Ion Ratio Lower Upper
93 100
66 42.0 34.3 51.5
65 20.0 17.6 26.4





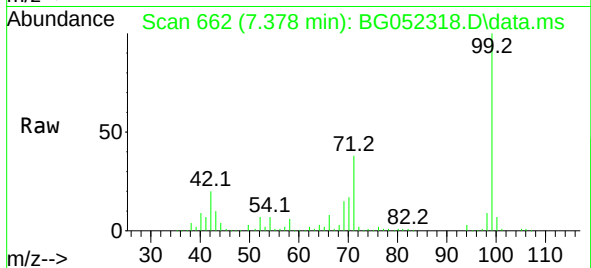
#7
Phenol-d6
Concen: 101.149 ng
RT: 7.378 min Scan# 661
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

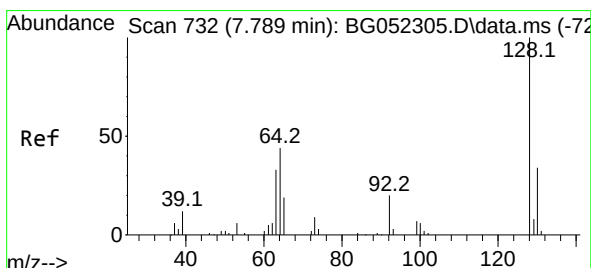
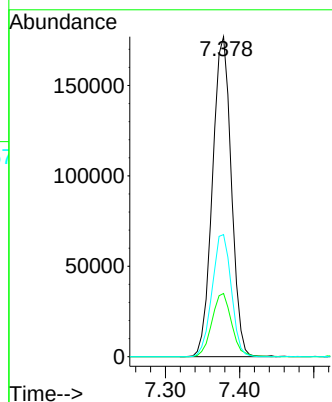


Tgt Ion: 99 Resp: 311945
Ion Ratio Lower Upper
99 100
42 19.7 19.1 28.7
71 38.2 33.4 50.2

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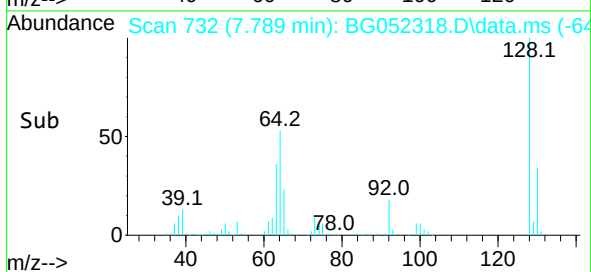
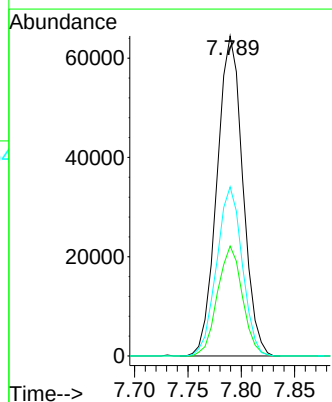
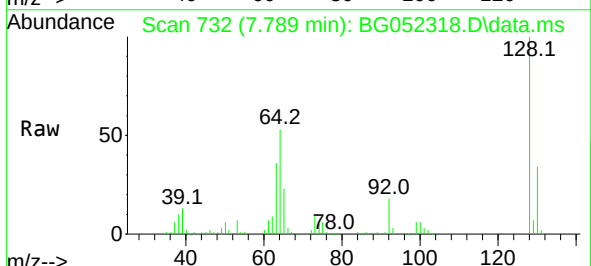
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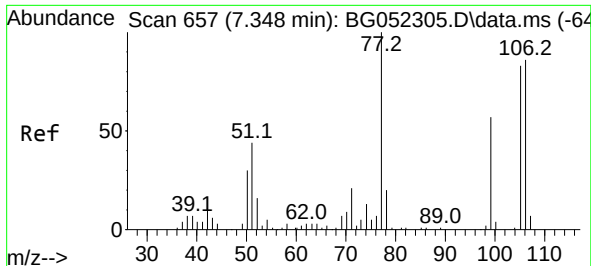
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#8
2-Chlorophenol
Concen: 49.320 ng
RT: 7.789 min Scan# 732
Delta R.T. 0.000 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:128 Resp: 108445
Ion Ratio Lower Upper
128 100
130 34.4 13.6 53.6
64 52.8 37.8 77.8





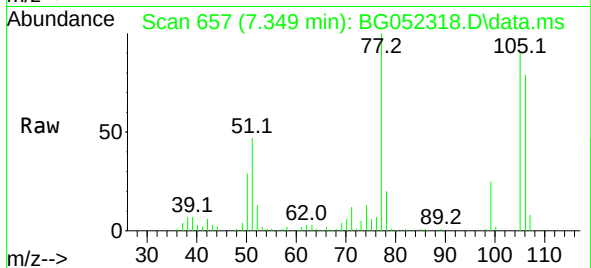
#9
Benzaldehyde
Concen: 50.021 ng
RT: 7.349 min Scan# 657
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

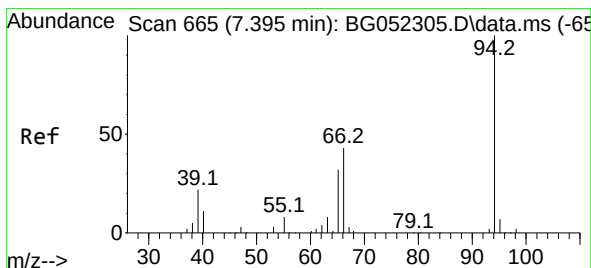
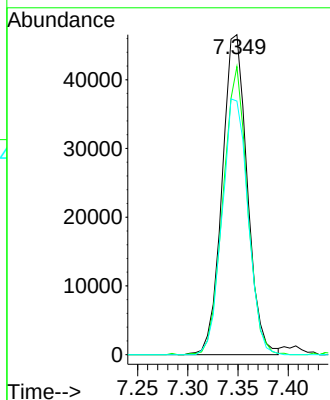
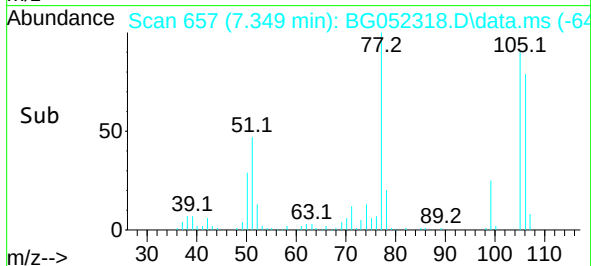
TR-04-020322MSD



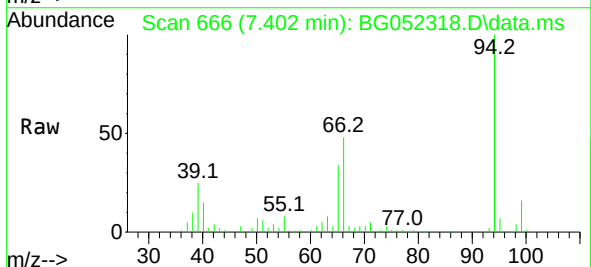
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Ion Ratio Lower Upper
77 100
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106 79.2 58.1 98.1

Manual Integrations
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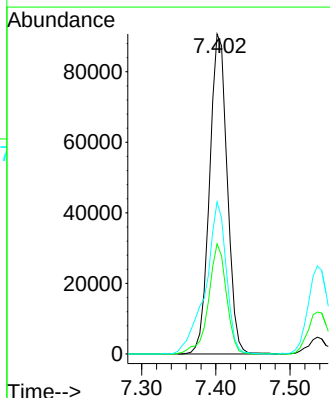
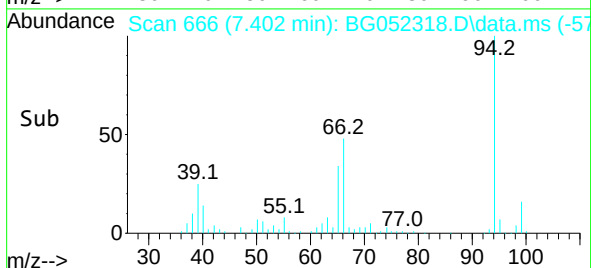
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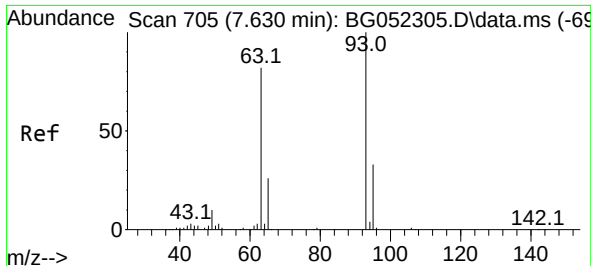


#10
Phenol
Concen: 48.933 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion: 94 Resp: 149941
Ion Ratio Lower Upper
94 100
65 34.4 14.1 54.1
66 47.5 26.6 66.6





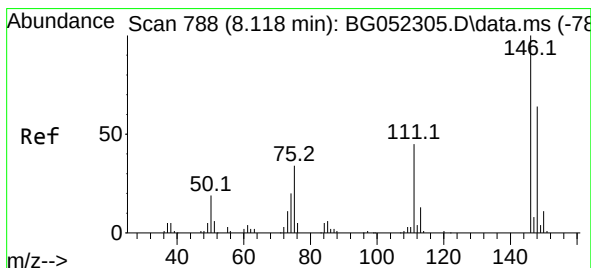
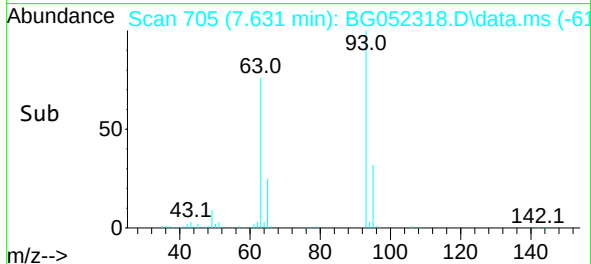
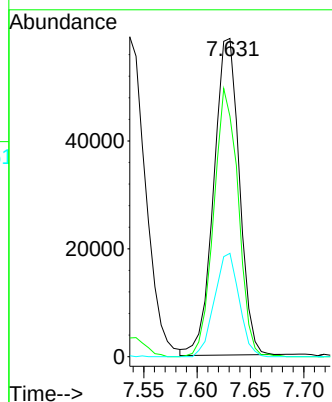
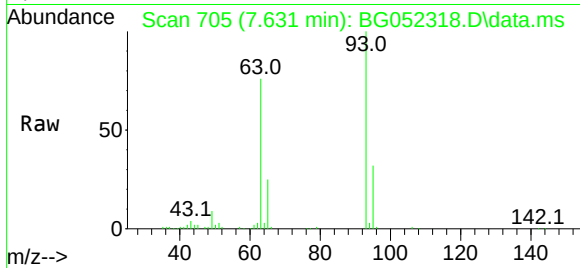
#11
bis(2-Chloroethyl)ether
Concen: 41.965 ng
RT: 7.631 min Scan# 705
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD

Tgt Ion: 93 Resp: 9829
Ion Ratio Lower Upper
93 100
63 75.5 67.1 107.1
95 32.5 13.0 53.0

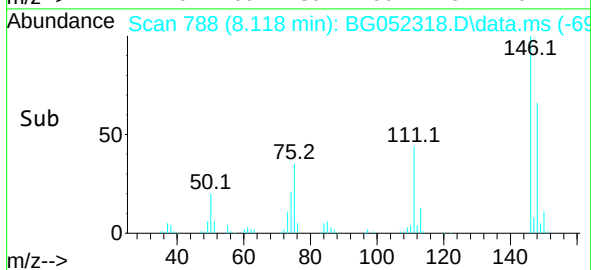
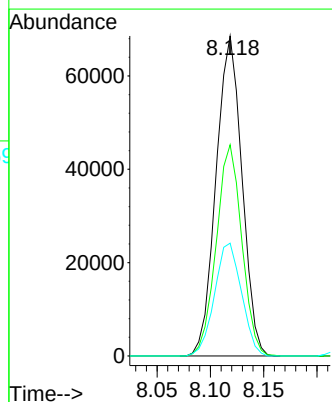
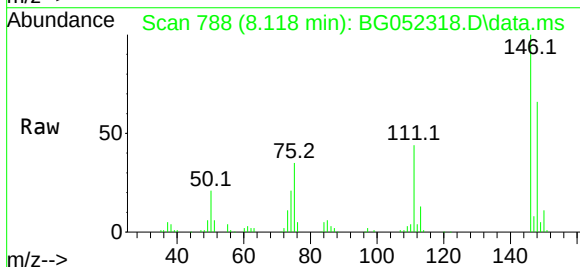
Manual Integrations
APPROVED

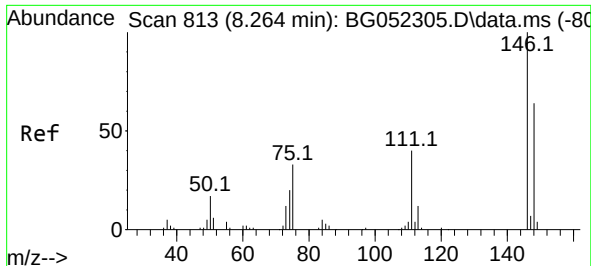
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#12
1,3-Dichlorobenzene
Concen: 46.243 ng
RT: 8.118 min Scan# 788
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:146 Resp: 115851
Ion Ratio Lower Upper
146 100
148 66.0 49.1 73.7
75 35.2 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 46.855 ng

RT: 8.265 min Scan# 813

Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

Tgt Ion:146 Resp: 119660

Ion Ratio Lower Upper

146 100

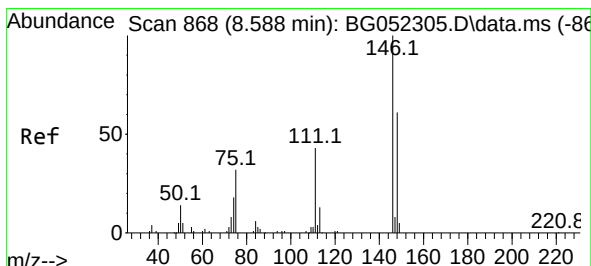
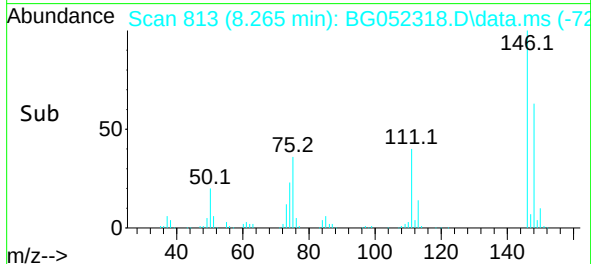
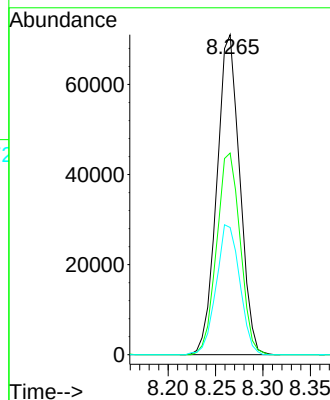
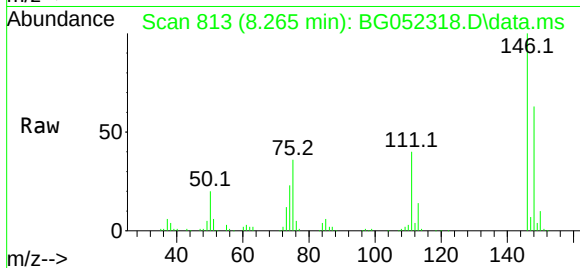
148 63.0 52.6 78.8

111 39.7 33.8 50.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#14

1,2-Dichlorobenzene

Concen: 46.368 ng

RT: 8.588 min Scan# 868

Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

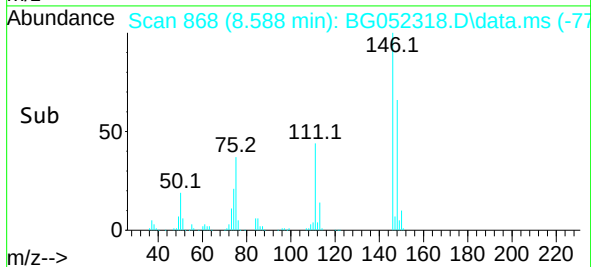
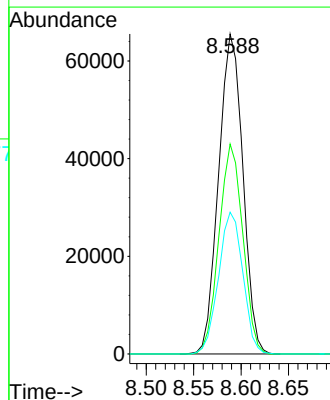
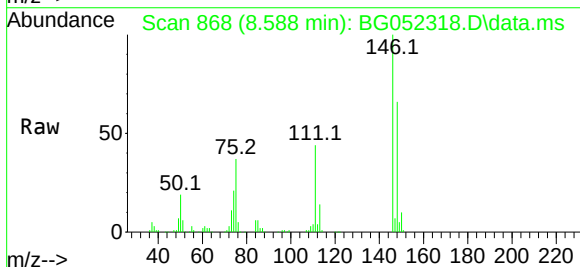
Tgt Ion:146 Resp: 116792

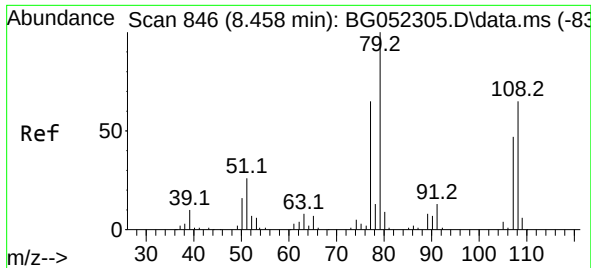
Ion Ratio Lower Upper

146 100

148 65.6 46.5 69.7

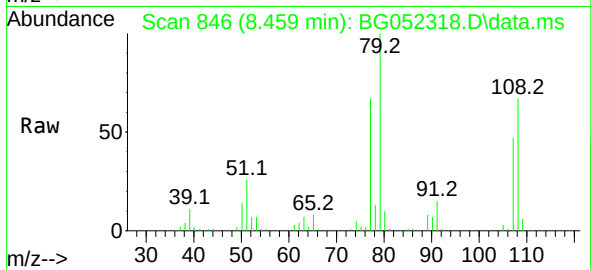
111 44.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 44.469 ng
RT: 8.459 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

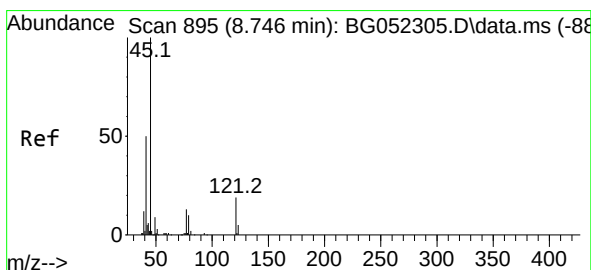
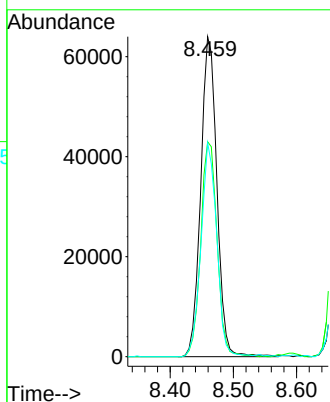
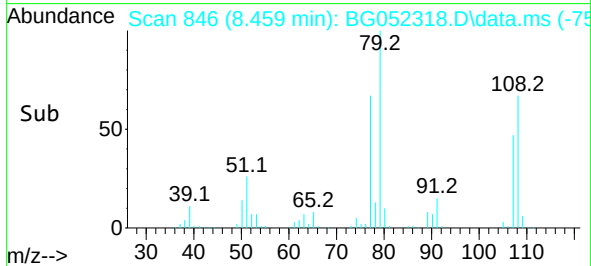
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



Tgt Ion: 79 Resp: 11382
Ion Ratio Lower Upper
79 100
108 67.1 53.8 80.6
77 66.8 54.4 81.6

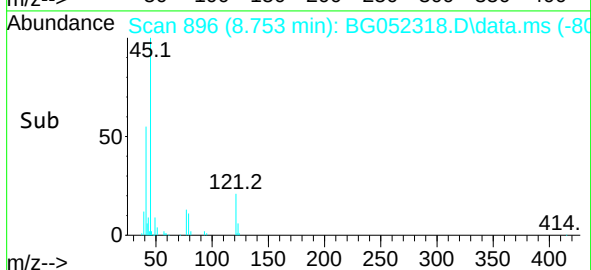
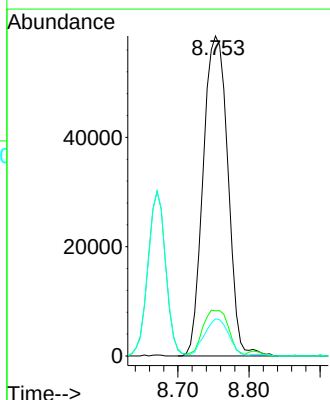
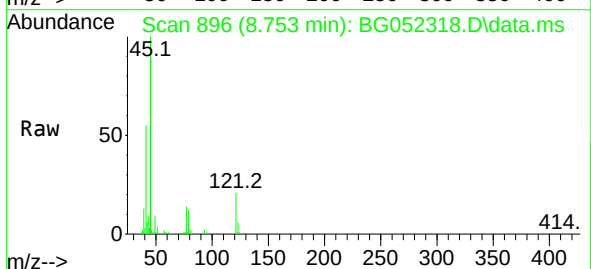
Manual Integrations
APPROVED

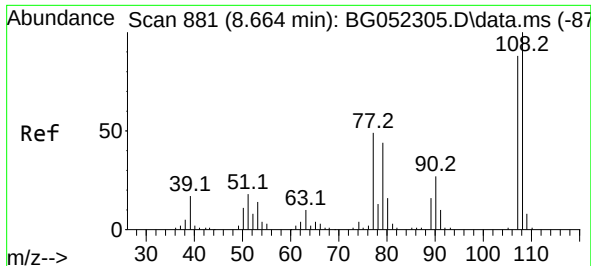
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.796 ng
RT: 8.753 min Scan# 896
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion: 45 Resp: 141362
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.8
79 11.6 0.0 31.1





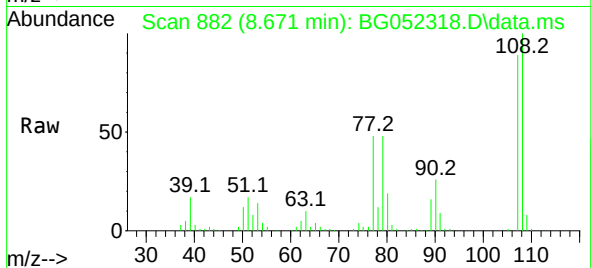
#17
2-Methylphenol
Concen: 47.296 ng
RT: 8.671 min Scan# 881
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

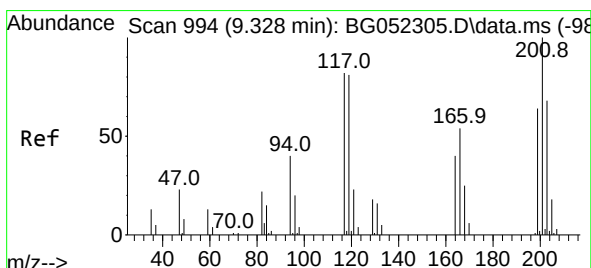
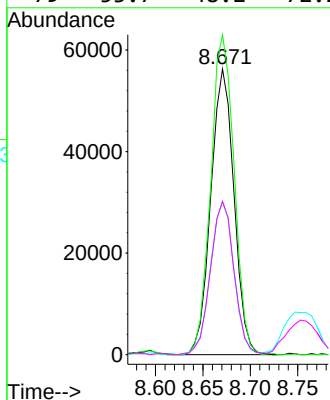
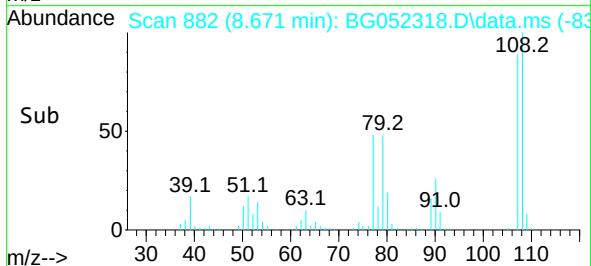


Tgt Ion:107 Resp: 95634
Ion Ratio Lower Upper
107 100
108 112.0 90.3 135.5
77 53.6 49.0 73.6
79 53.7 48.2 72.2

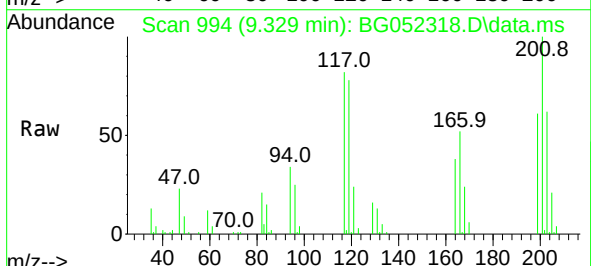
Manual Integrations

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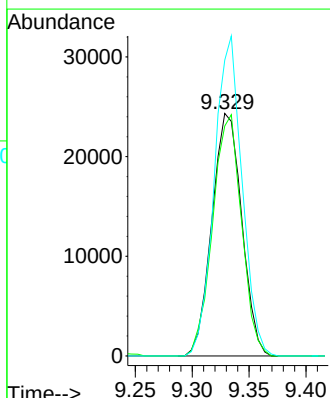
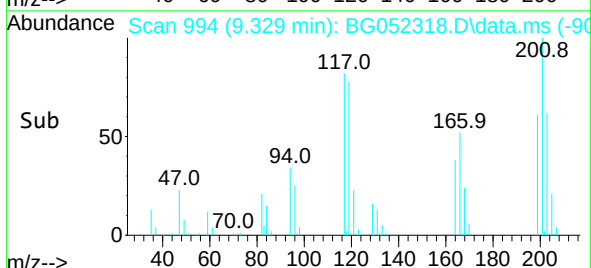
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

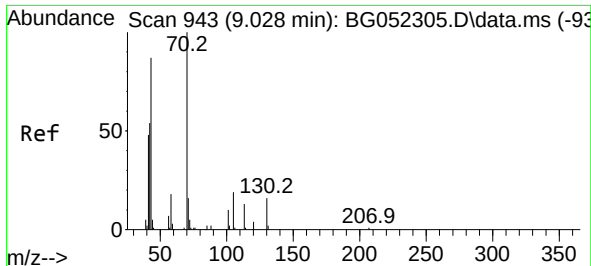


#18
Hexachloroethane
Concen: 49.958 ng
RT: 9.329 min Scan# 994
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



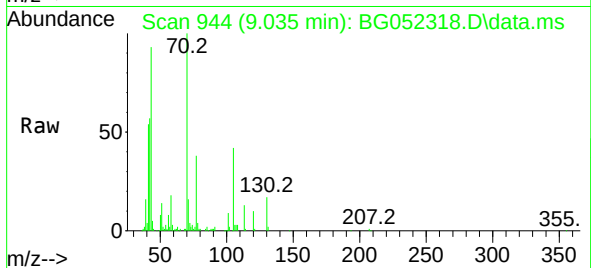
Tgt Ion:117 Resp: 44365
Ion Ratio Lower Upper
117 100
119 94.8 73.5 110.3
201 122.0 91.0 136.6





#19
n-Nitroso-di-n-propylamine
Concen: 39.063 ng
RT: 9.035 min Scan# 944
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

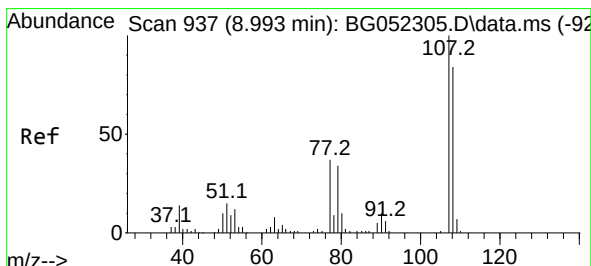
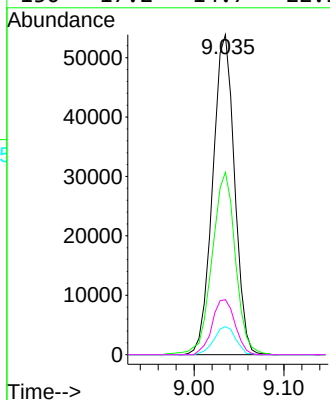
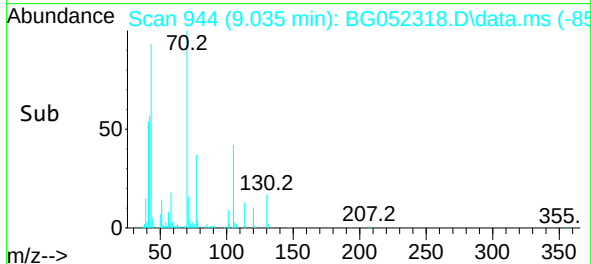
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



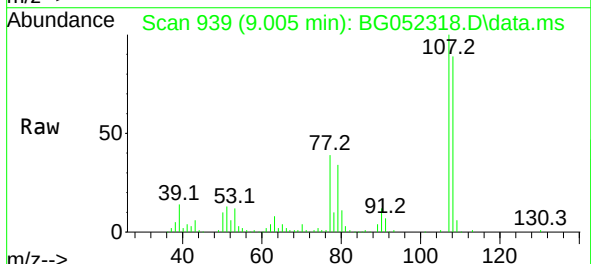
Tgt Ion: 70 Resp: 9082
Ion Ratio Lower Upper
70 100
42 57.0 51.8 77.6
101 8.8 6.6 10.0
130 17.2 14.7 22.1

Manual Integrations
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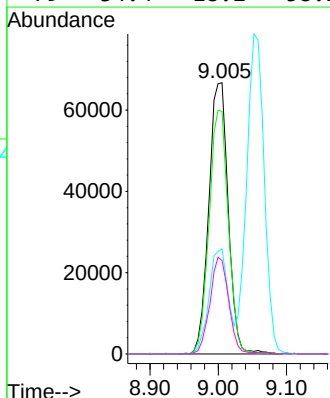
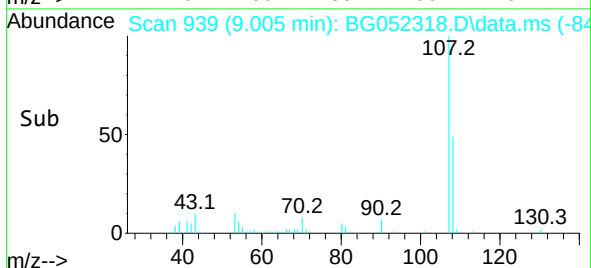
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

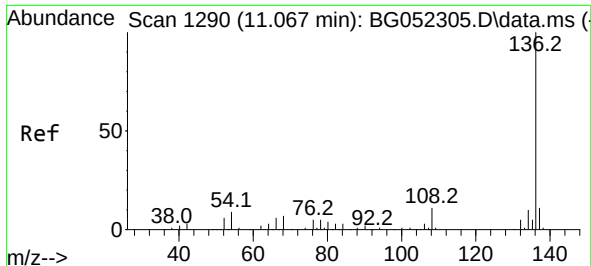


#20
3+4-Methylphenols
Concen: 45.663 ng
RT: 9.005 min Scan# 939
Delta R.T. 0.013 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:107 Resp: 132096
Ion Ratio Lower Upper
107 100
108 89.5 71.9 111.9
77 38.7 24.6 64.6
79 34.4 18.2 58.2





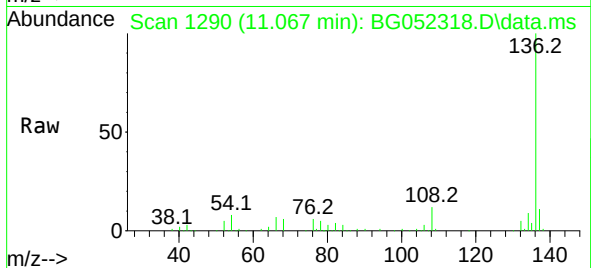
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

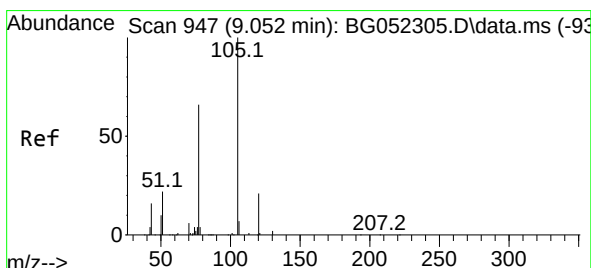
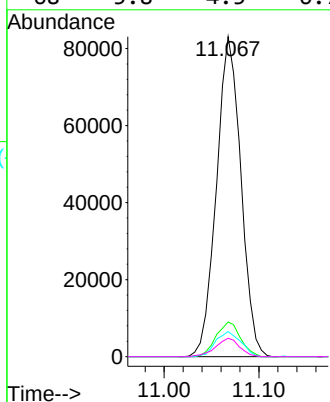
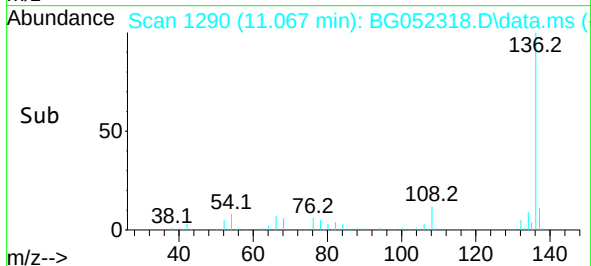


Tgt Ion:136 Resp: 148745
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.8 8.3 12.5
68 5.8 4.5 6.7

Manual Integrations

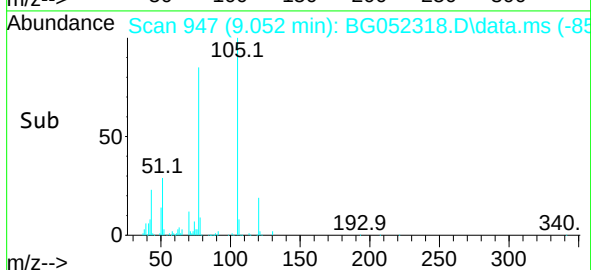
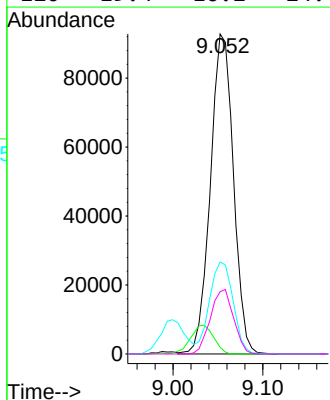
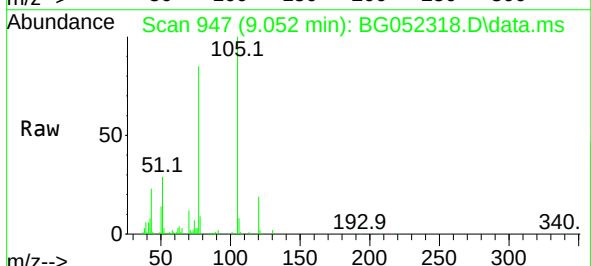
APPROVED

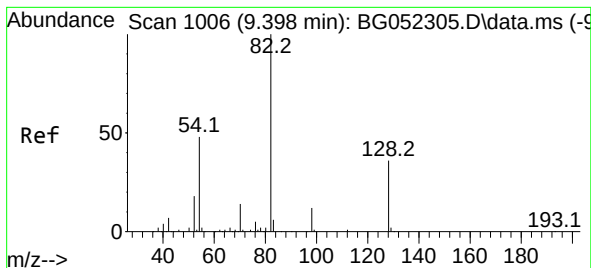
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#22
Acetophenone
Concen: 42.042 ng
RT: 9.052 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:105 Resp: 165277
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 28.7 27.0 40.4
120 19.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 63.052 ng

RT: 9.399 min Scan# 1006

Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

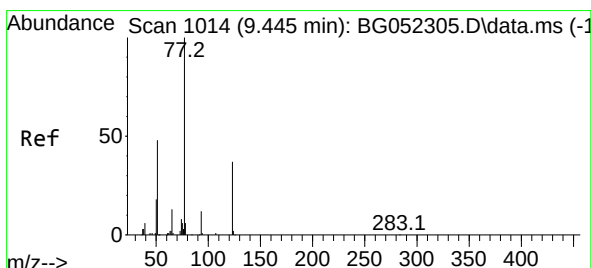
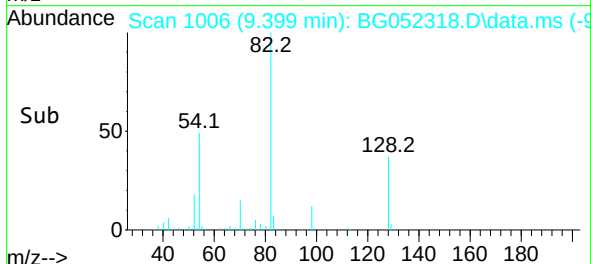
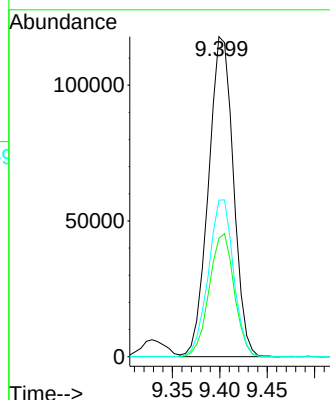
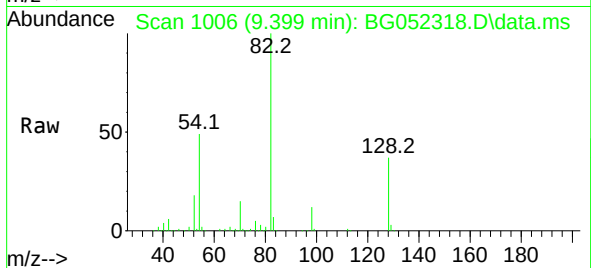
TR-04-020322MSD

Tgt Ion:	82	Resp:	21579
Ion Ratio	Lower	Upper	
82	100		
128	37.0	27.0	40.4
54	48.9	41.0	61.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#24

Nitrobenzene

Concen: 43.523 ng

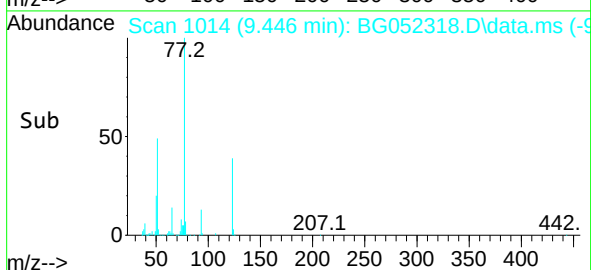
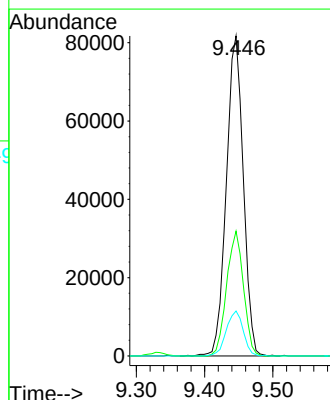
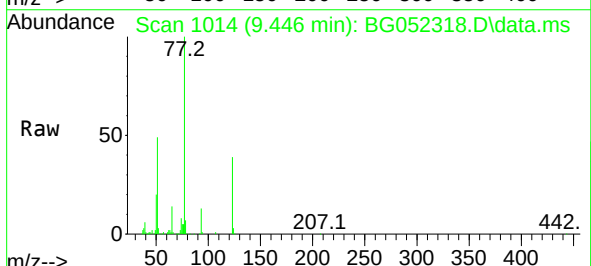
RT: 9.446 min Scan# 1014

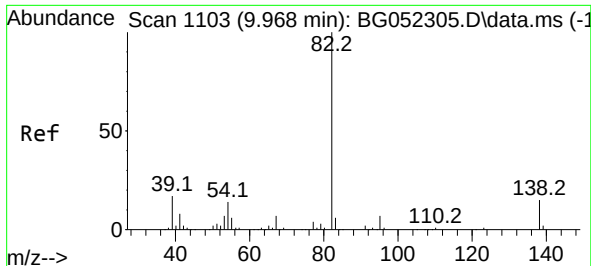
Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

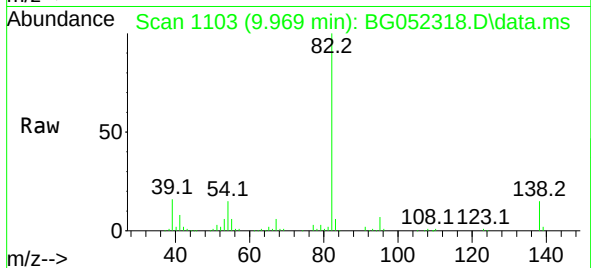
Tgt Ion:	77	Resp:	141295
Ion Ratio	Lower	Upper	
77	100		
123	39.0	27.1	40.7
65	14.1	11.2	16.8





#25
Isophorone
Concen: 43.330 ng
RT: 9.969 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

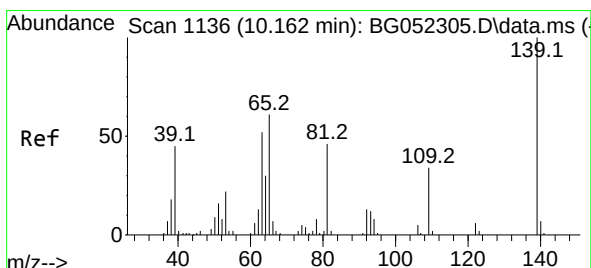
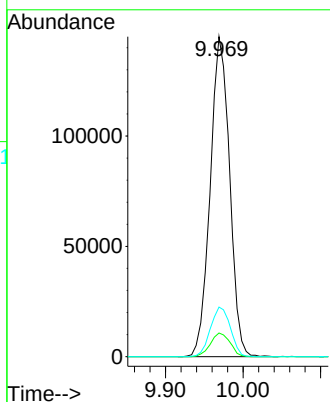
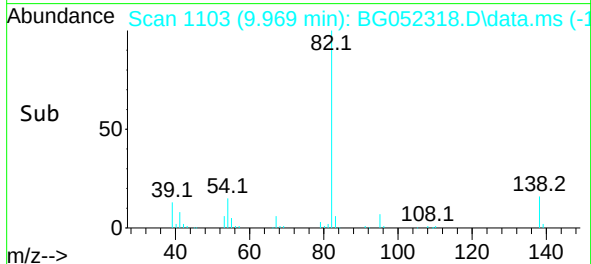
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



Tgt Ion: 82 Resp: 25232
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 15.5 12.5 18.7

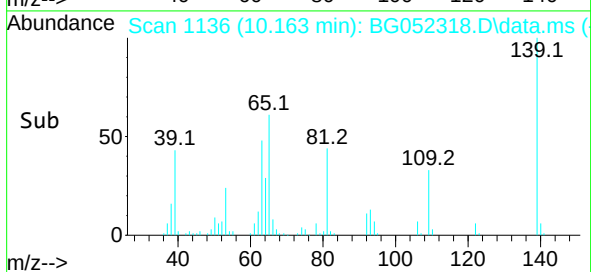
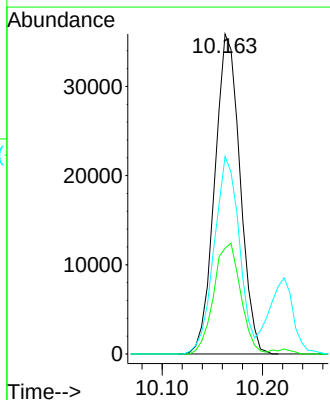
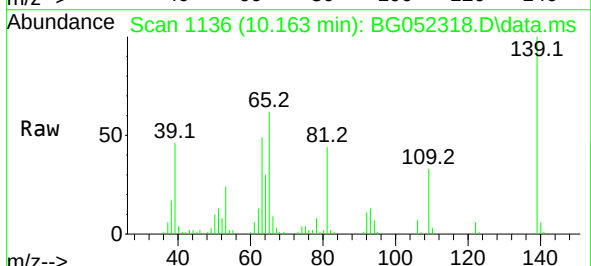
Manual Integrations
APPROVED

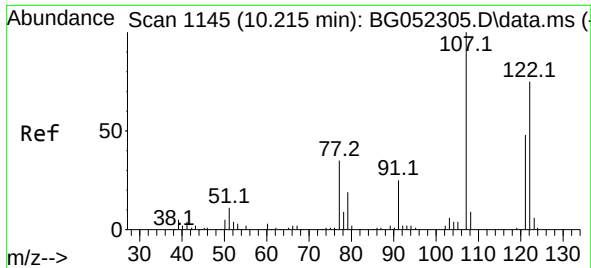
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#26
2-Nitrophenol
Concen: 45.721 ng
RT: 10.163 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:139 Resp: 62914
Ion Ratio Lower Upper
139 100
109 33.1 30.4 45.6
65 61.7 55.7 83.5





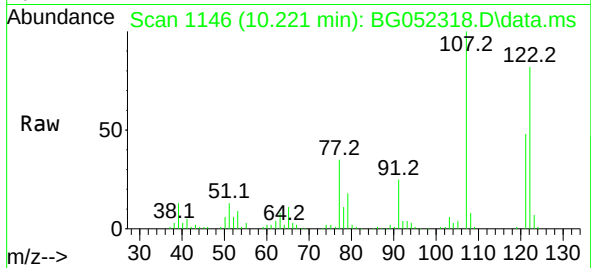
#27
2,4-Dimethylphenol
Concen: 53.263 ng
RT: 10.221 min Scan# 1146
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

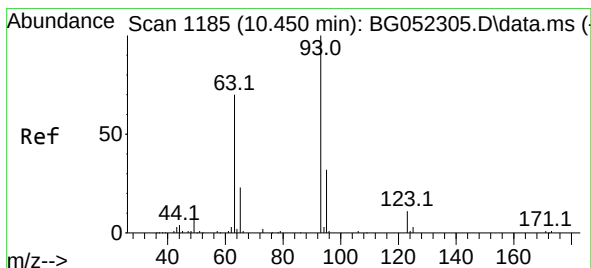
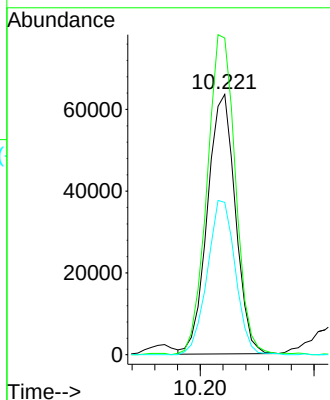
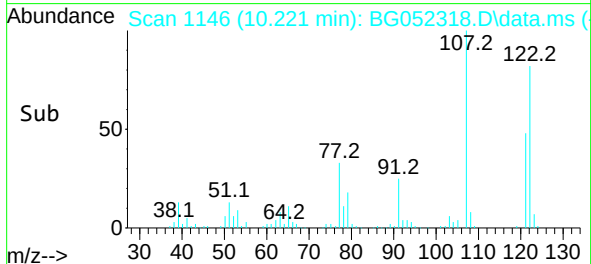


Tgt Ion:122 Resp: 10851
Ion Ratio Lower Upper
122 100
107 121.6 105.8 158.8
121 58.5 48.6 72.8

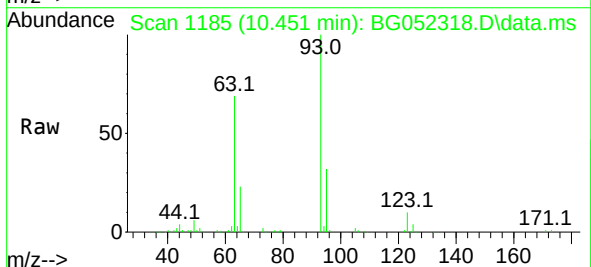
Manual Integrations

APPROVED

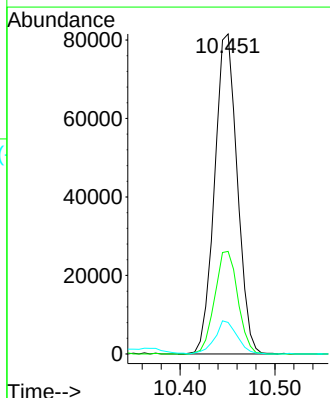
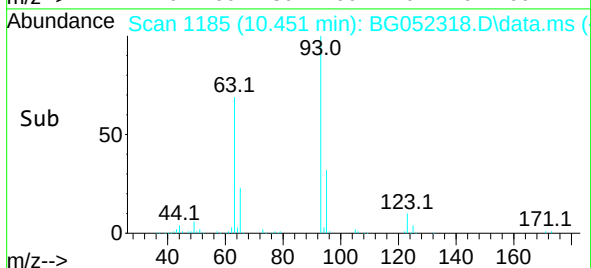
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

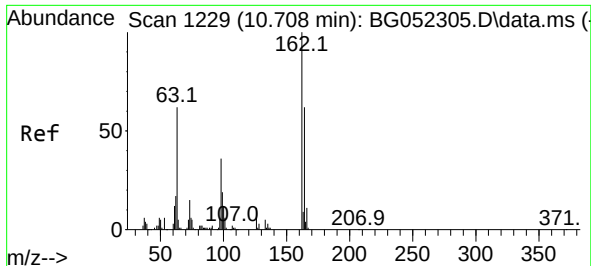


#28
bis(2-Chloroethoxy)methane
Concen: 40.982 ng
RT: 10.451 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion: 93 Resp: 135440
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 9.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 46.872 ng

RT: 10.709 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG052318.D

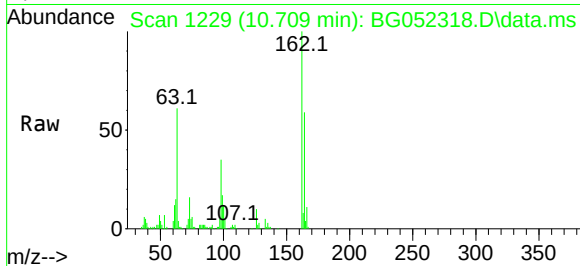
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD



Tgt Ion:162 Resp: 114464

Ion Ratio Lower Upper

162 100

164 59.3 44.3 84.3

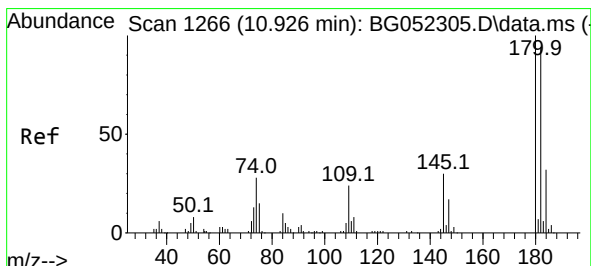
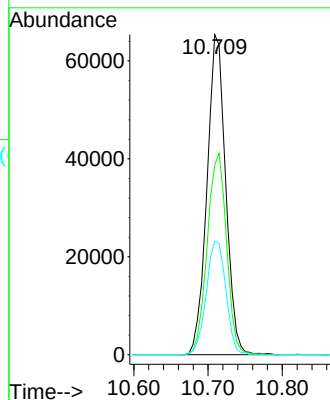
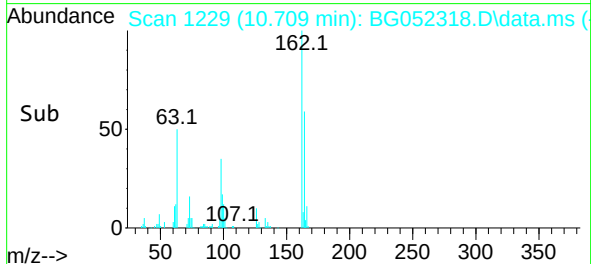
98 35.5 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022

Supervised By :mohammad ahmed 02/15/2022



#30

1,2,4-Trichlorobenzene

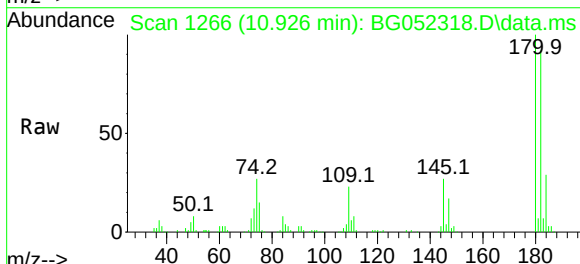
Concen: 46.320 ng

RT: 10.926 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23



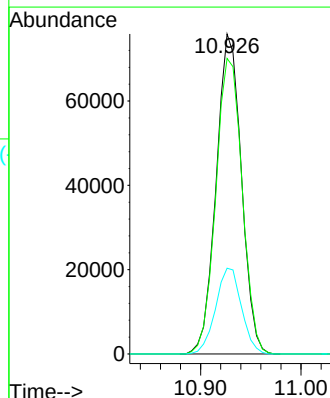
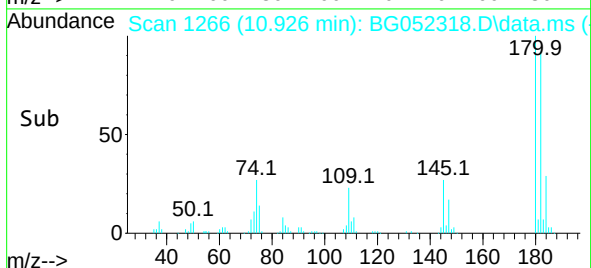
Tgt Ion:180 Resp: 132084

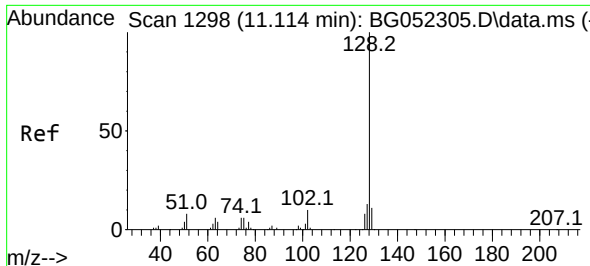
Ion Ratio Lower Upper

180 100

182 92.3 76.1 114.1

145 26.8 24.0 36.0





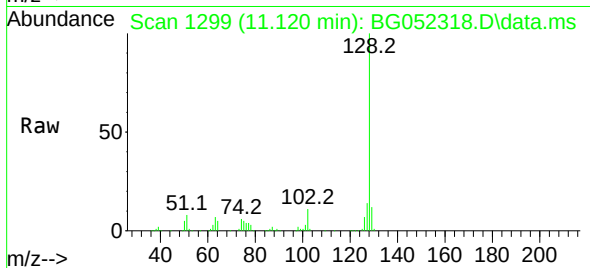
#31
Naphthalene
Concen: 45.088 ng
RT: 11.120 min Scan# 1119
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

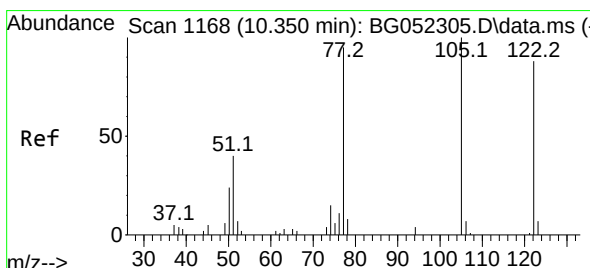
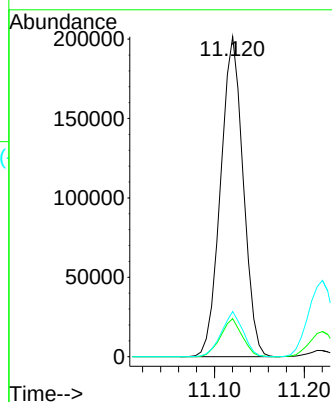


Tgt Ion:128 Resp: 35159
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 14.1 12.0 18.0

Manual Integrations

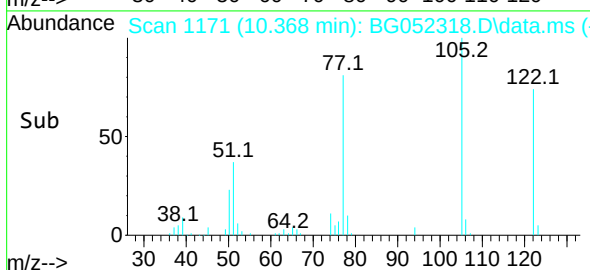
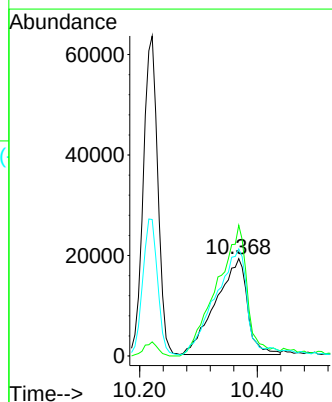
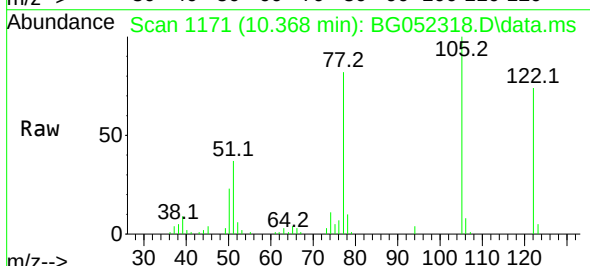
APPROVED

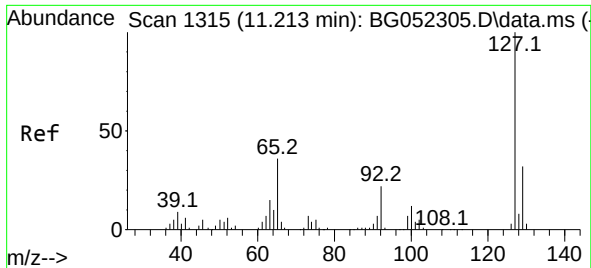
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#32
Benzoic acid
Concen: 53.416 ng
RT: 10.368 min Scan# 1171
Delta R.T. 0.018 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:122 Resp: 71380
Ion Ratio Lower Upper
122 100
105 134.4 109.2 149.2
77 110.0 92.8 132.8





#33
4-Chloroaniline
Concen: 28.934 ng
RT: 11.220 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

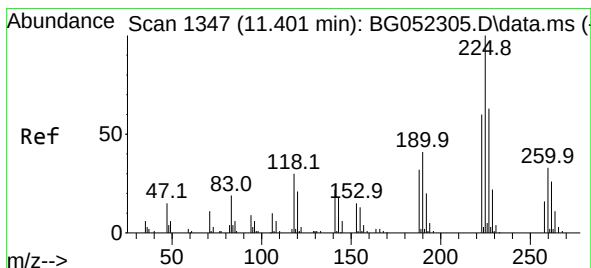
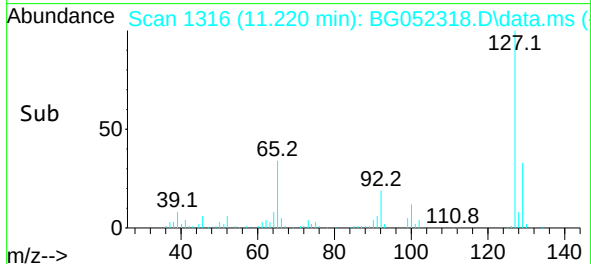
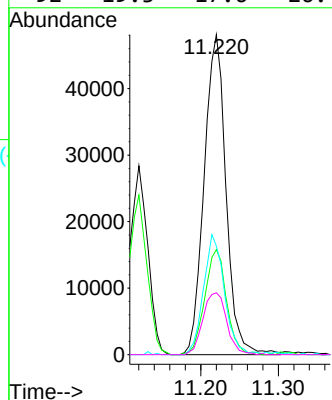
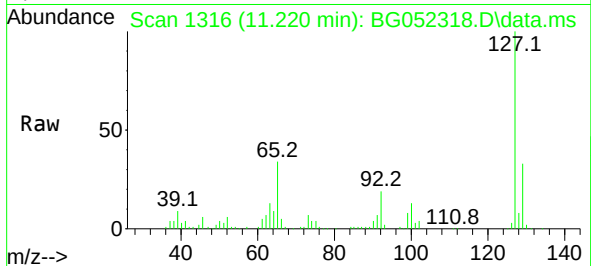
TR-04-020322MSD

Tgt Ion:127 Resp: 9419
Ion Ratio Lower Upper
127 100
129 32.8 27.0 40.6
65 33.9 28.7 43.1
92 19.3 17.6 26.4

Manual Integrations

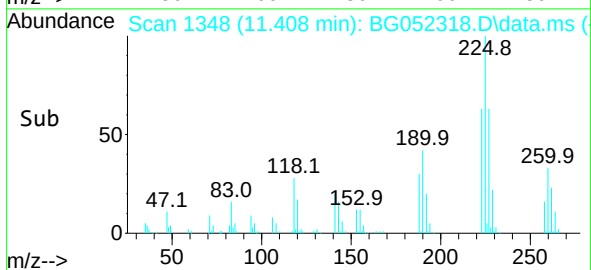
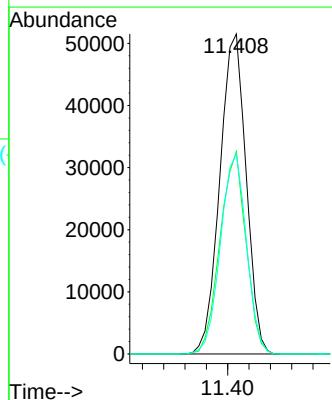
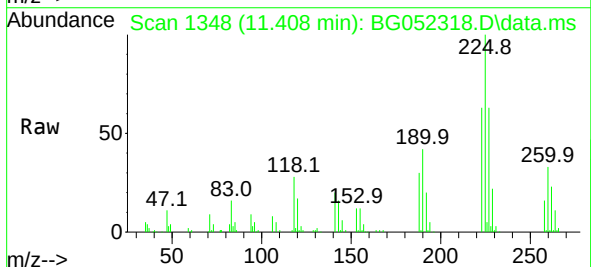
APPROVED

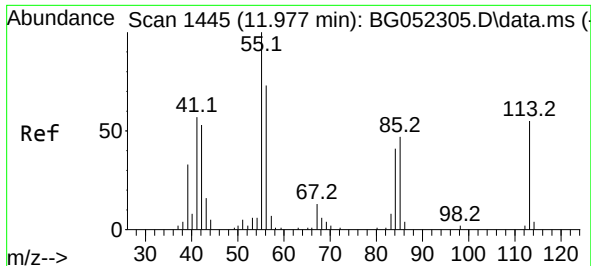
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#34
Hexachlorobutadiene
Concen: 45.766 ng
RT: 11.408 min Scan# 1348
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:225 Resp: 88137
Ion Ratio Lower Upper
225 100
223 63.2 51.6 77.4
227 62.5 53.9 80.9





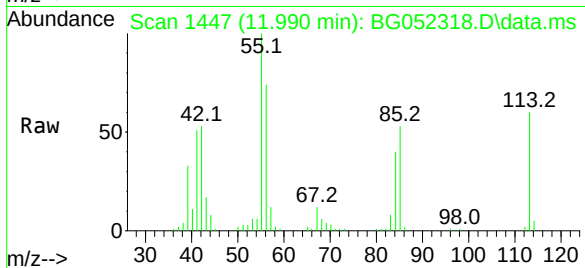
#35
 Caprolactam
 Concen: 42.539 ng m
 RT: 11.990 min Scan# 1447
 Delta R.T. 0.013 min
 Lab File: BG052318.D
 Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

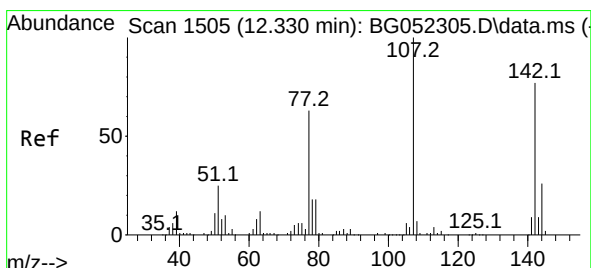
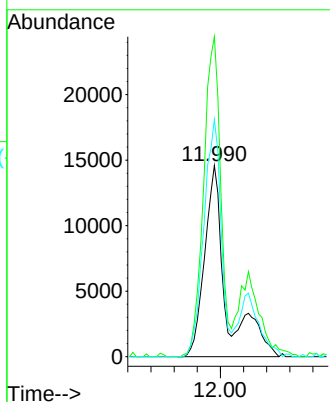
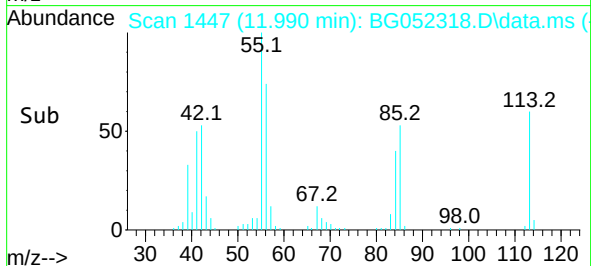


Tgt Ion:113 Resp: 3785
 Ion Ratio Lower Upper
 113 100
 55 167.3 161.4 201.4
 56 124.0 132.6 172.6

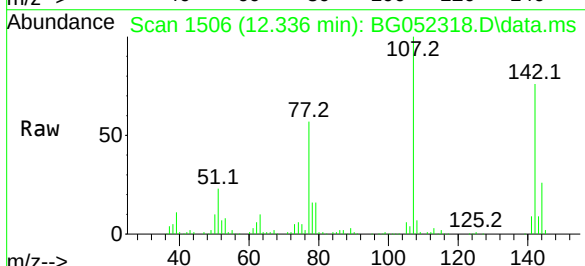
Manual Integrations

APPROVED

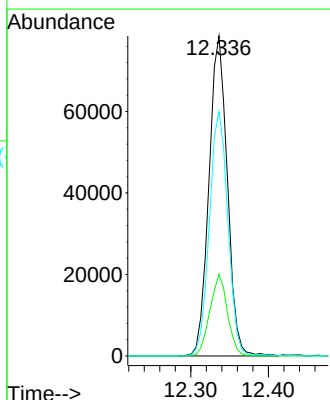
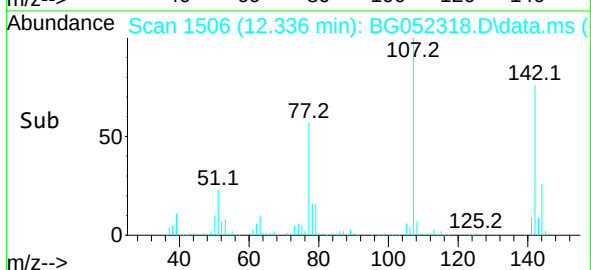
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

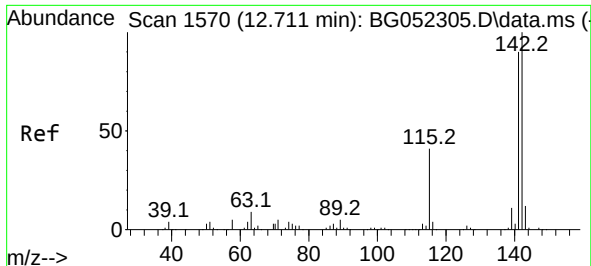


#36
 4-Chloro-3-methylphenol
 Concen: 46.533 ng
 RT: 12.336 min Scan# 1506
 Delta R.T. 0.007 min
 Lab File: BG052318.D
 Acq: 8 Feb 2022 14:23



Tgt Ion:107 Resp: 129280
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 76.3 63.9 95.9





#37

2-Methylnaphthalene

Concen: 45.342 ng

RT: 12.712 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

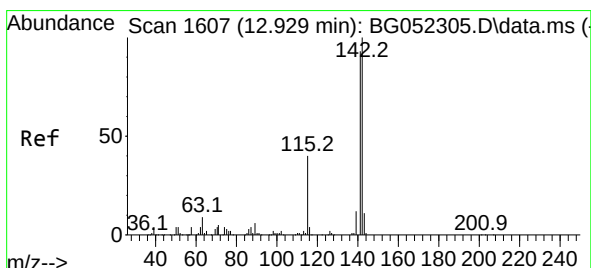
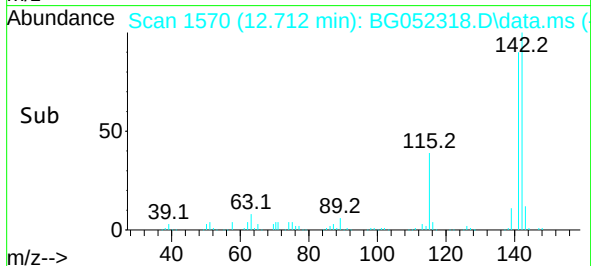
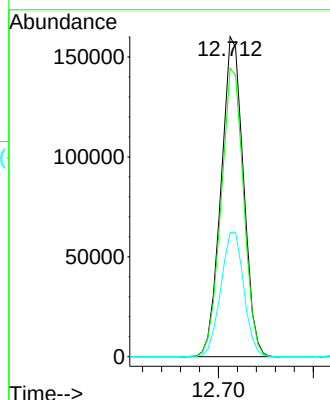
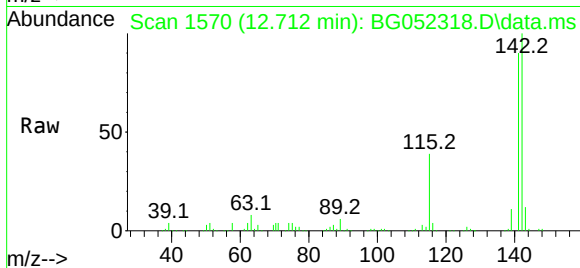
TR-04-020322MSD

Tgt Ion:	142	Resp:	262614
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.7	107.5
115	38.8	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#38

1-Methylnaphthalene

Concen: 44.364 ng

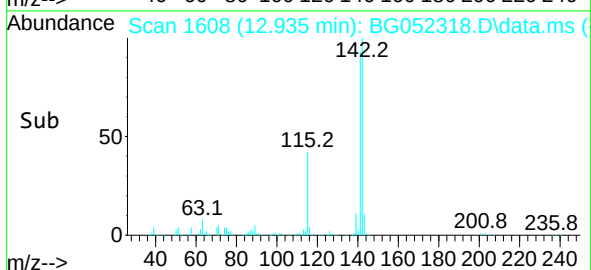
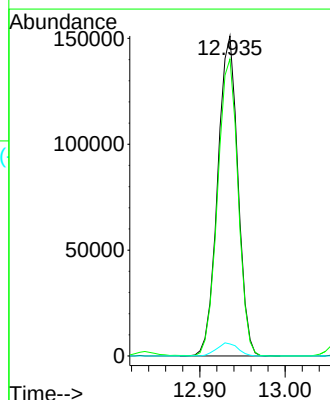
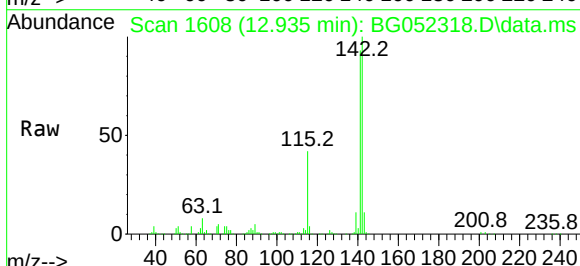
RT: 12.935 min Scan# 1608

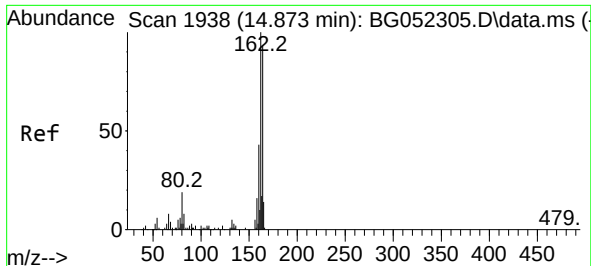
Delta R.T. 0.007 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Tgt Ion:	142	Resp:	248982
Ion Ratio	Lower	Upper	
142	100		
141	92.8	75.0	112.4
116	3.8	4.2	6.4





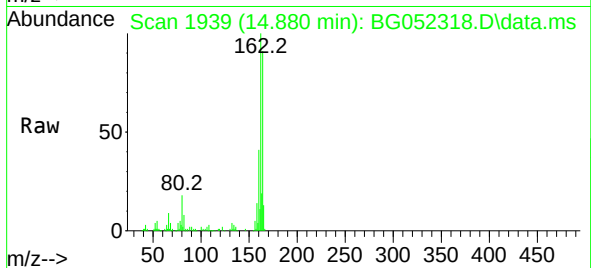
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

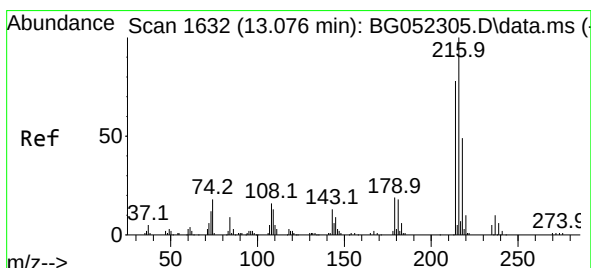
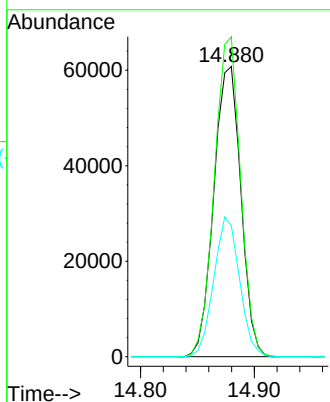
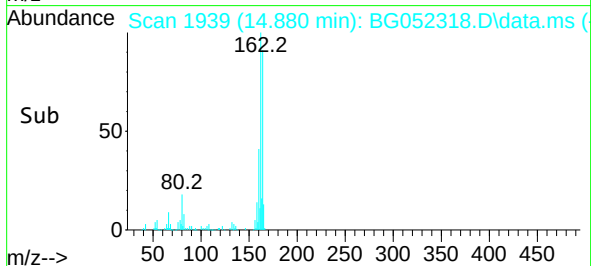
TR-04-020322MSD



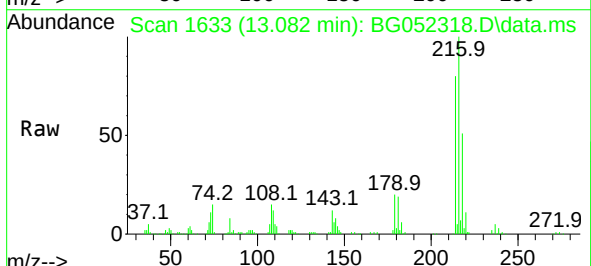
Tgt Ion:164 Resp: 100638
Ion Ratio Lower Upper
164 100
162 110.3 82.2 123.2
160 45.2 36.2 54.2

Manual Integrations
APPROVED

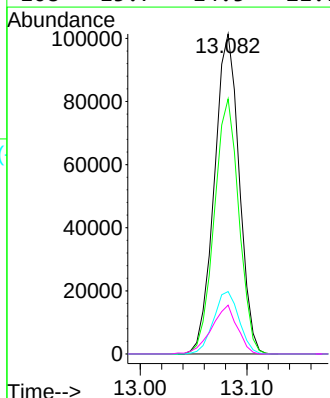
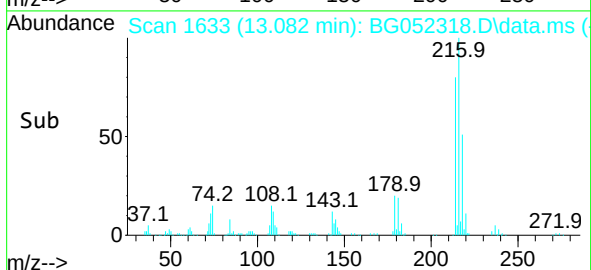
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

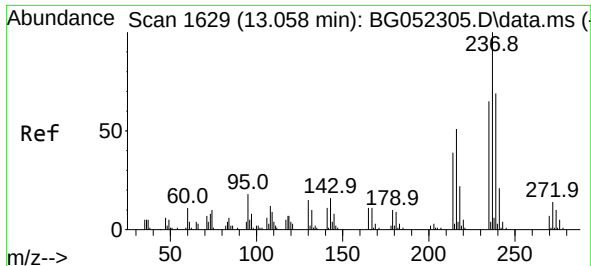


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.511 ng
RT: 13.082 min Scan# 1633
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



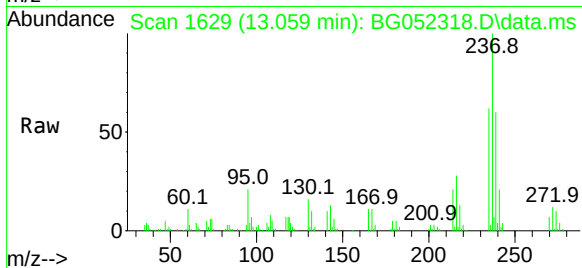
Tgt Ion:216 Resp: 163889
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 20.0 16.3 24.5
108 15.7 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 49.871 ng
RT: 13.059 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

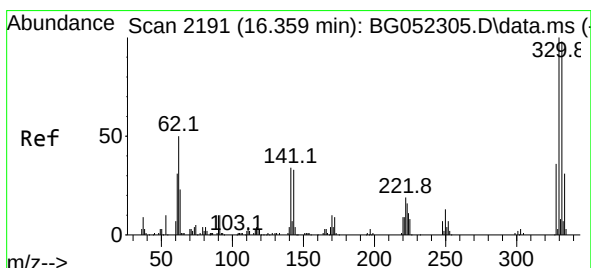
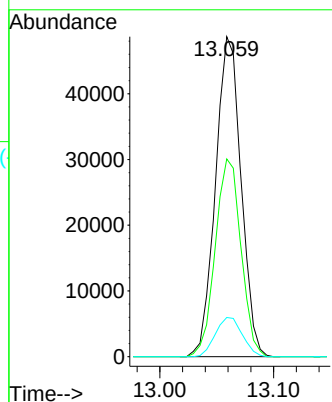
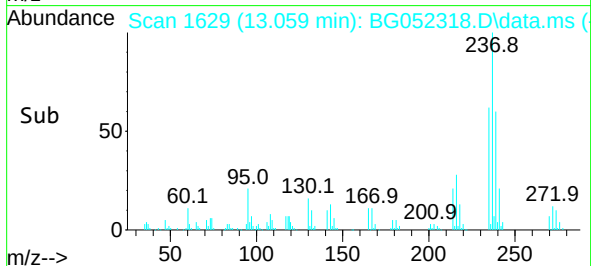
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



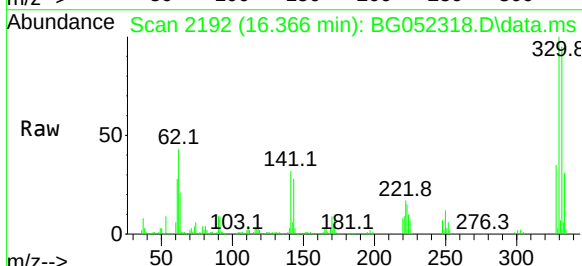
Tgt Ion:237 Resp: 76130
Ion Ratio Lower Upper
237 100
235 61.8 45.9 85.9
272 12.3 0.0 33.0

Manual Integrations
APPROVED

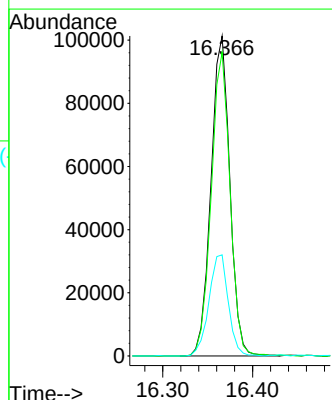
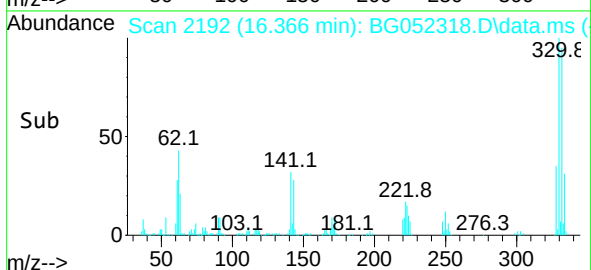
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

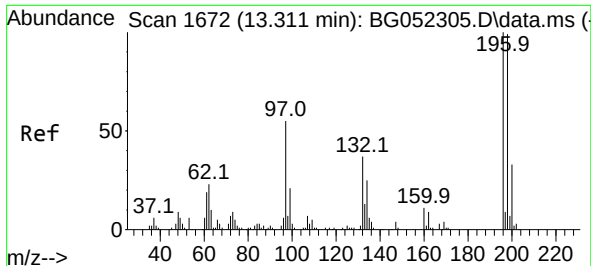


#42
2,4,6-Tribromophenol
Concen: 102.069 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



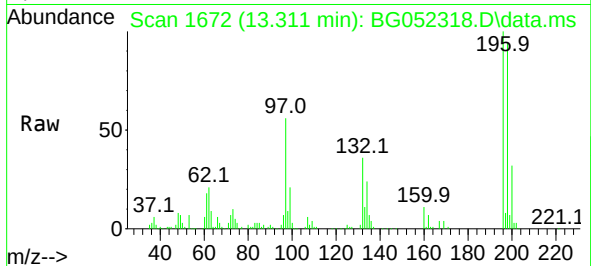
Tgt Ion:330 Resp: 147574
Ion Ratio Lower Upper
330 100
332 94.5 78.6 117.8
141 32.6 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 49.248 ng
RT: 13.311 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

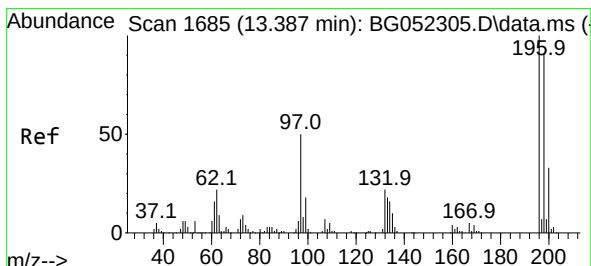
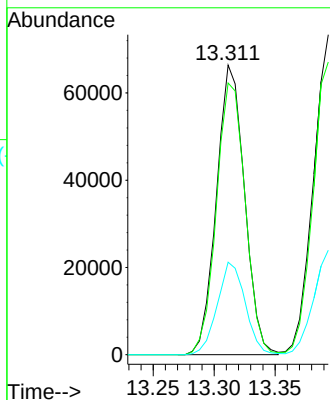
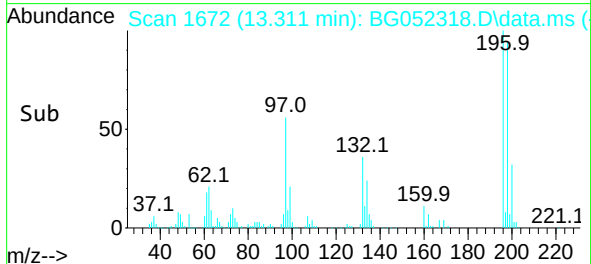
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



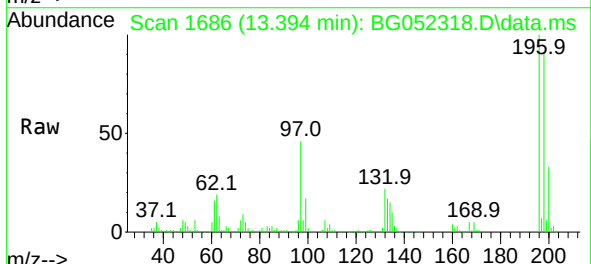
Tgt Ion:196 Resp: 106610
Ion Ratio Lower Upper
196 100
198 93.8 78.4 117.6
200 31.9 28.5 42.7

Manual Integrations
APPROVED

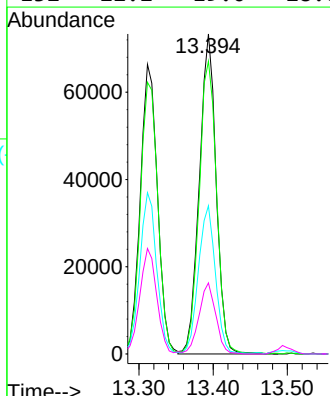
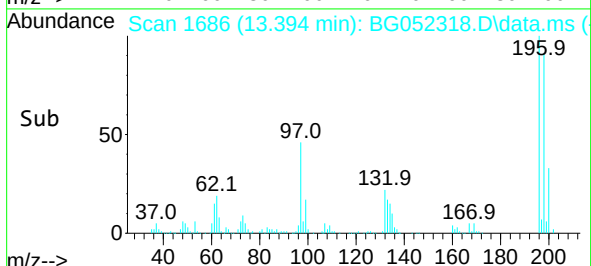
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

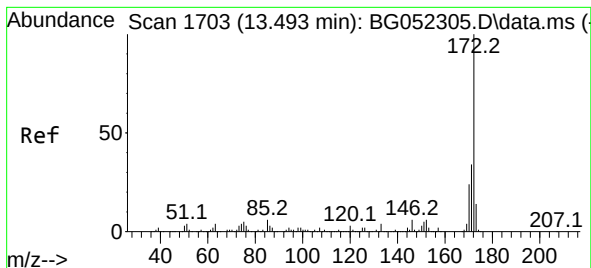


#44
2,4,5-Trichlorophenol
Concen: 49.485 ng
RT: 13.394 min Scan# 1686
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:196 Resp: 116095
Ion Ratio Lower Upper
196 100
198 91.4 78.6 118.0
97 46.3 43.8 65.8
132 22.2 19.0 28.6





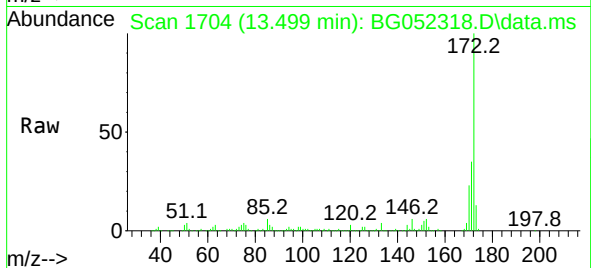
#45
2-Fluorobiphenyl
Concen: 67.098 ng
RT: 13.499 min Scan# 1704
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

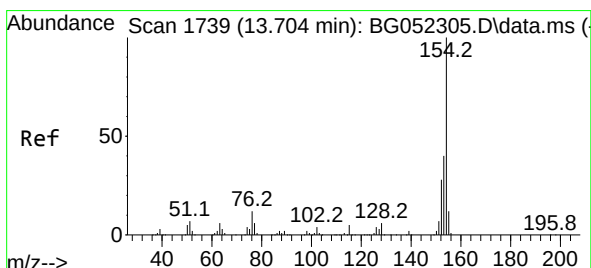
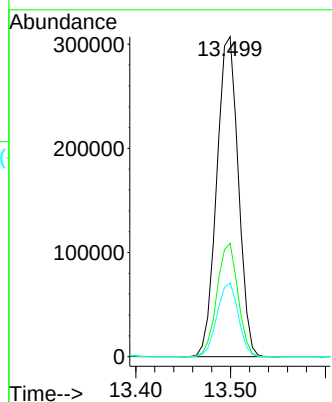
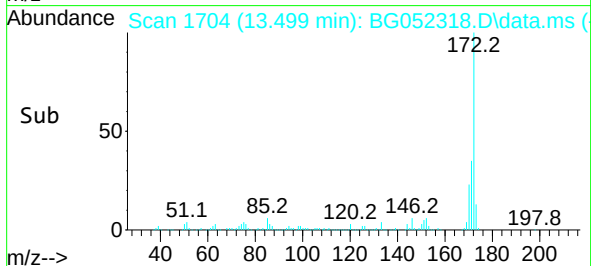


Tgt Ion:172 Resp: 485964
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.0 18.3 27.5

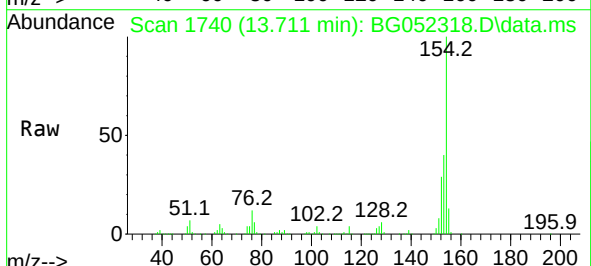
Manual Integrations

APPROVED

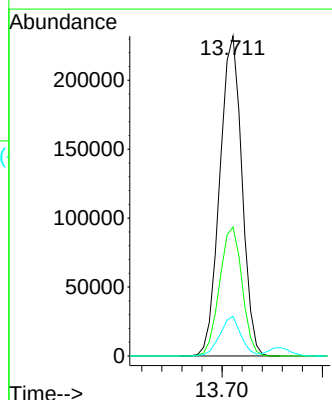
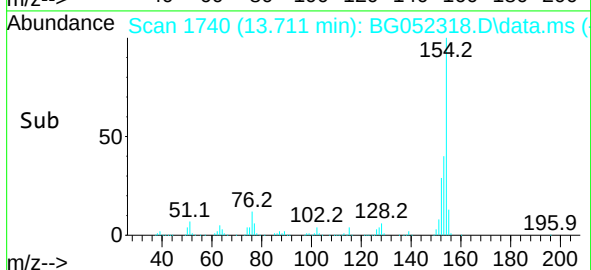
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

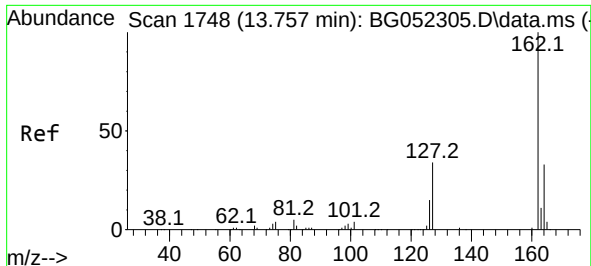


#46
1,1'-Biphenyl
Concen: 48.067 ng
RT: 13.711 min Scan# 1740
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:154 Resp: 354714
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 12.4 0.0 32.6





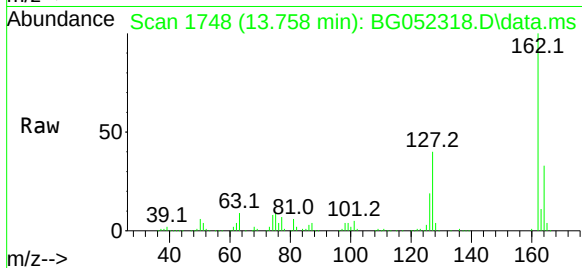
#47
2-Chloronaphthalene
Concen: 47.533 ng
RT: 13.758 min Scan# 1748
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

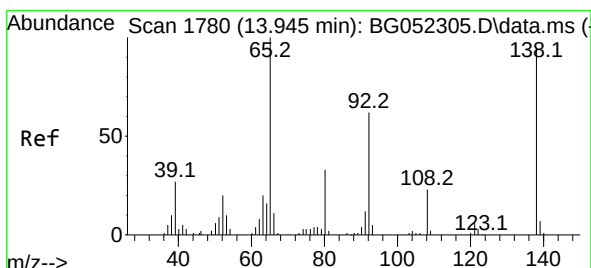
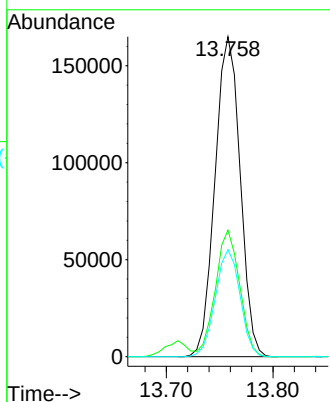
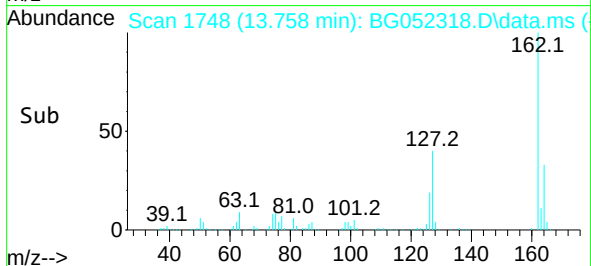


Tgt Ion:162 Resp: 270248
Ion Ratio Lower Upper
162 100
127 39.5 30.4 45.6
164 33.4 25.0 37.4

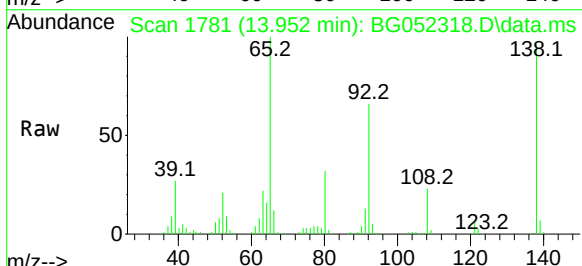
Manual Integrations

APPROVED

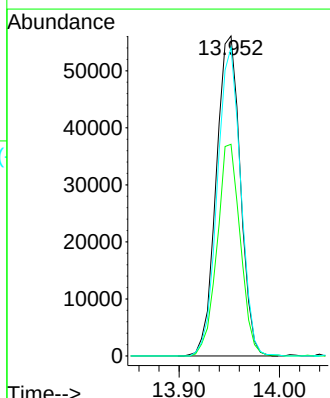
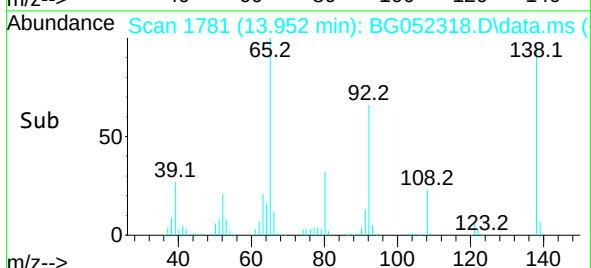
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

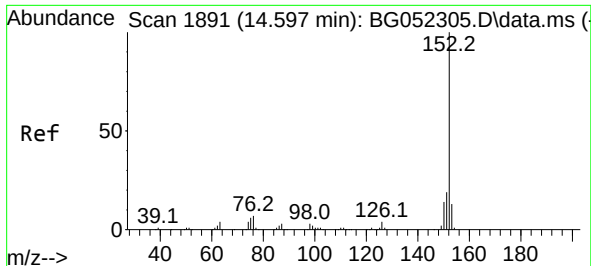


#48
2-Nitroaniline
Concen: 46.206 ng
RT: 13.952 min Scan# 1781
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion: 65 Resp: 93527
Ion Ratio Lower Upper
65 100
92 66.2 51.0 76.6
138 96.3 72.4 108.6





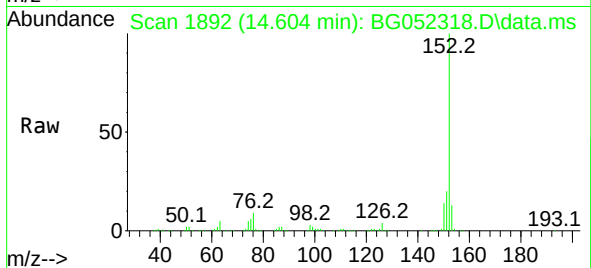
#49
Acenaphthylene
Concen: 47.538 ng
RT: 14.604 min Scan# 1892
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

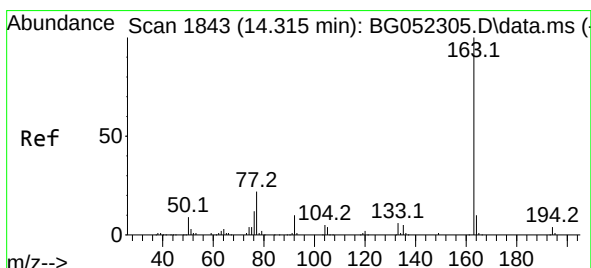
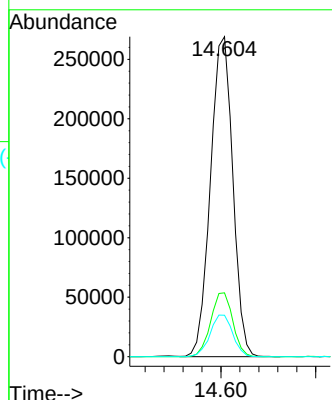


Tgt Ion:152 Resp: 439970
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.8 16.2

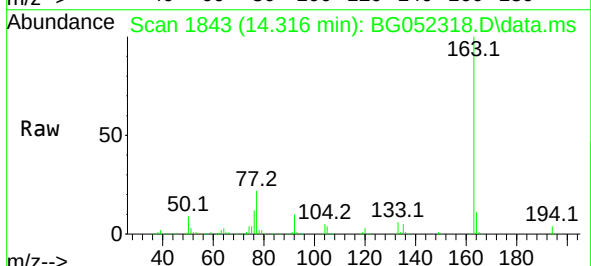
Manual Integrations

APPROVED

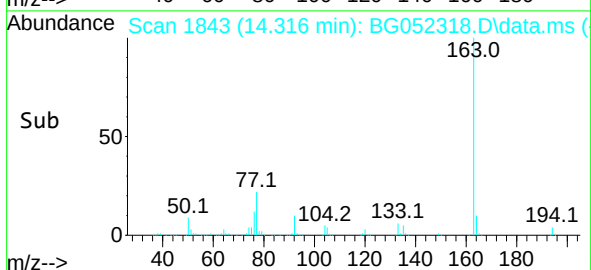
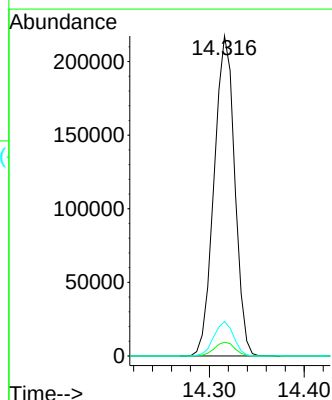
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

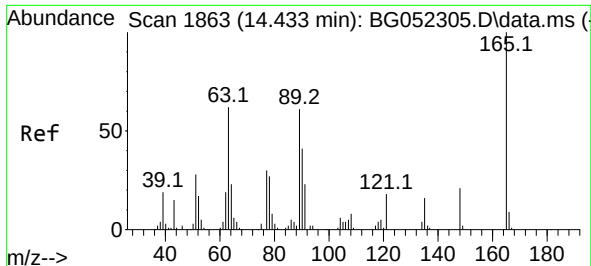


#50
Dimethylphthalate
Concen: 42.605 ng
RT: 14.316 min Scan# 1843
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:163 Resp: 328463
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.8 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 45.543 ng
RT: 14.439 min Scan# 1863
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

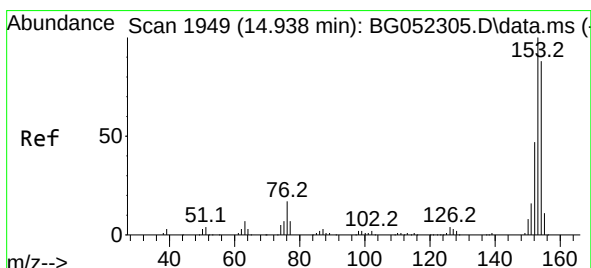
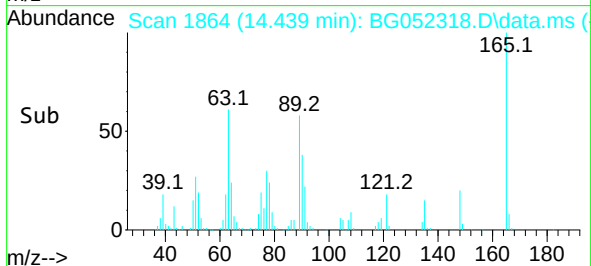
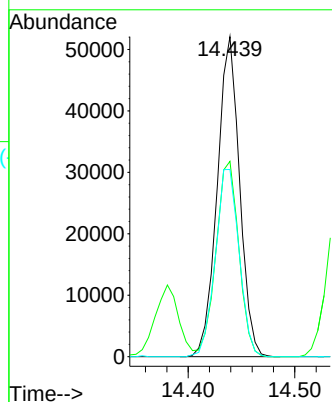
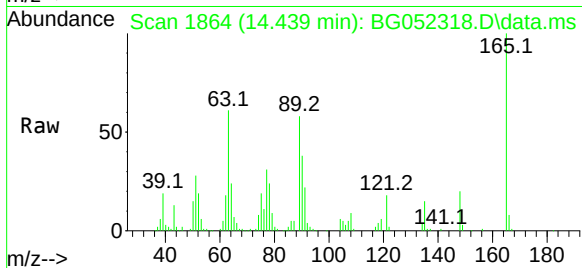
ClientSampleId :

TR-04-020322MSD

Tgt Ion:165 Resp: 7576
Ion Ratio Lower Upper
165 100
63 61.0 59.0 88.4
89 58.5 49.4 74.0

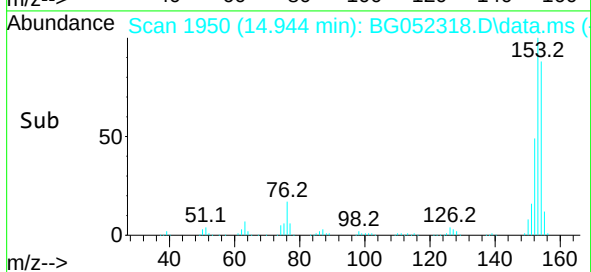
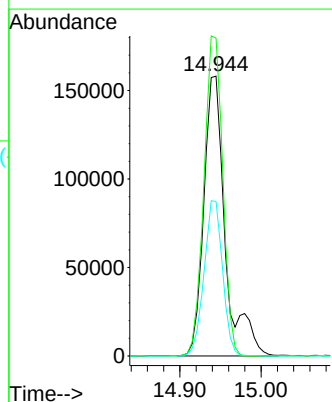
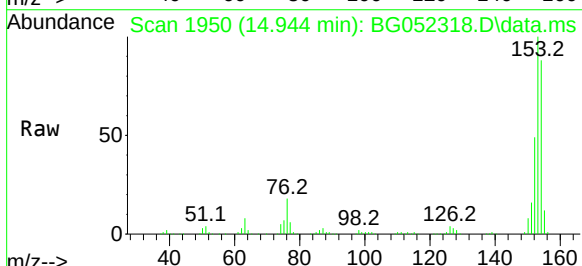
Manual Integrations
APPROVED

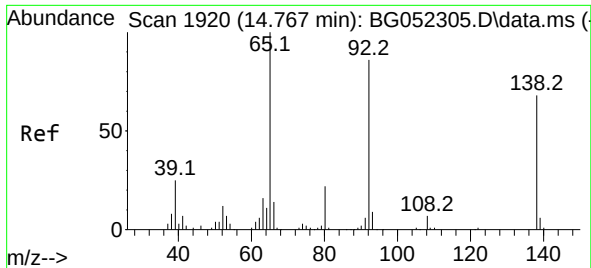
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#52
Acenaphthene
Concen: 48.059 ng m
RT: 14.944 min Scan# 1950
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:154 Resp: 291296
Ion Ratio Lower Upper
154 100
153 113.6 91.9 137.9
152 55.2 43.4 65.2





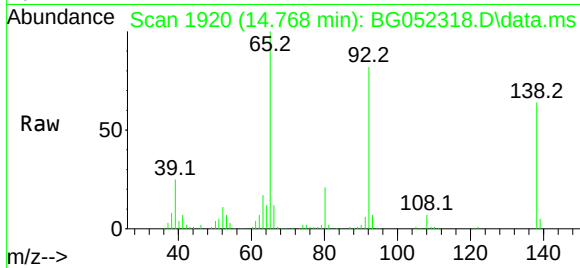
#53
3-Nitroaniline
Concen: 36.855 ng
RT: 14.768 min Scan# 1920
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

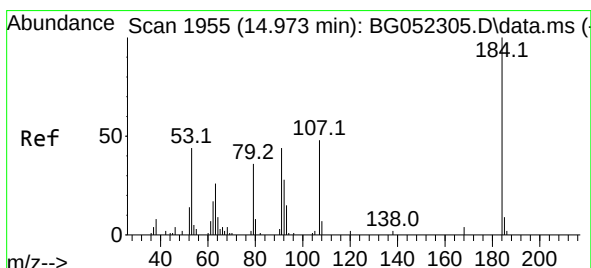
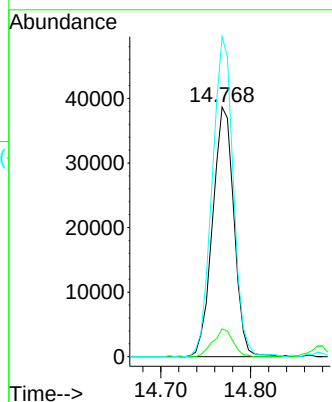
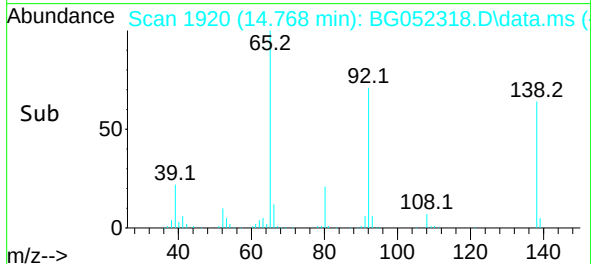


Tgt Ion:138 Resp: 63730
Ion Ratio Lower Upper
138 100
108 11.1 7.8 11.8
92 128.2 100.4 150.6

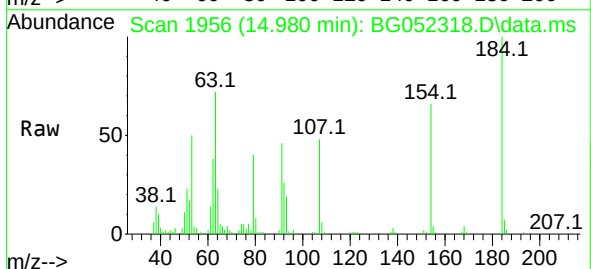
Manual Integrations

APPROVED

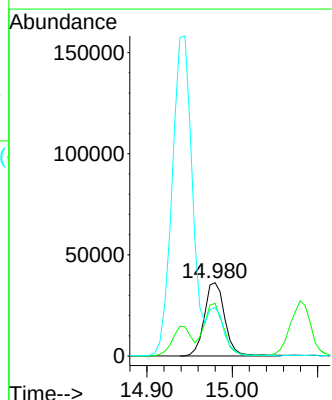
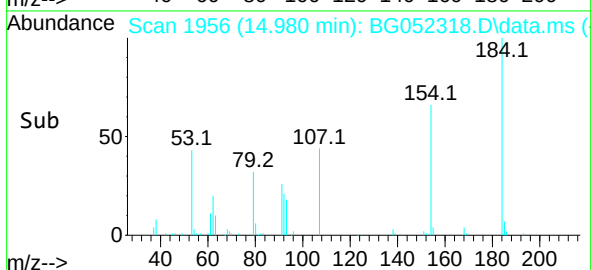
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

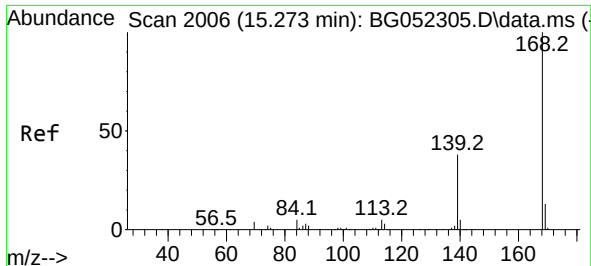


#54
2,4-Dinitrophenol
Concen: 59.846 ng
RT: 14.980 min Scan# 1956
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:184 Resp: 60301
Ion Ratio Lower Upper
184 100
63 71.9 56.0 84.0
154 66.1 50.2 75.2





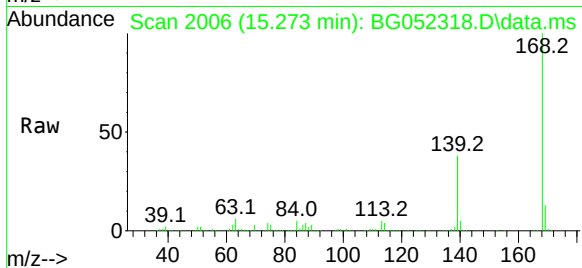
#55
Dibenzofuran
Concen: 42.993 ng
RT: 15.273 min Scan# 2006
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

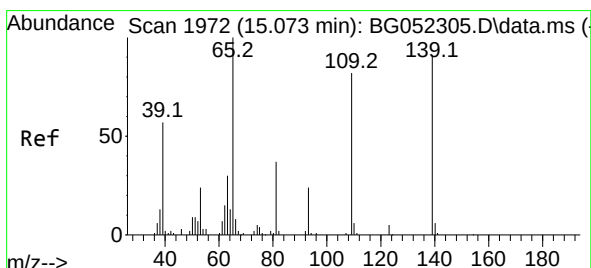
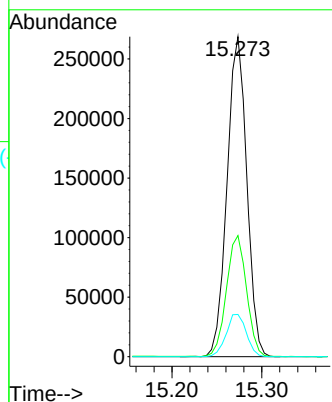
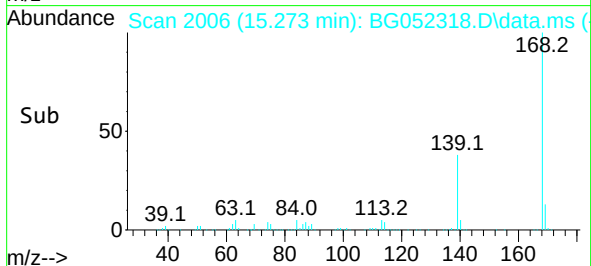


Tgt Ion:168 Resp: 409818
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1
169 13.2 10.9 16.3

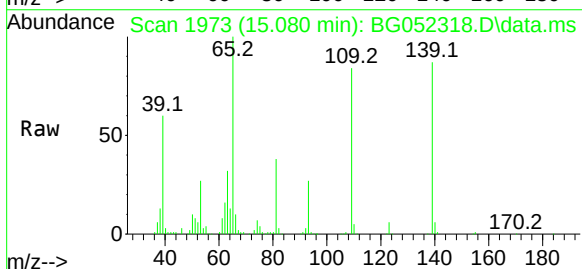
Manual Integrations

APPROVED

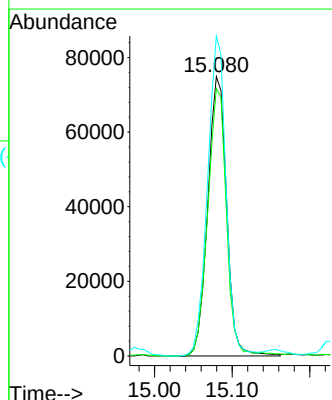
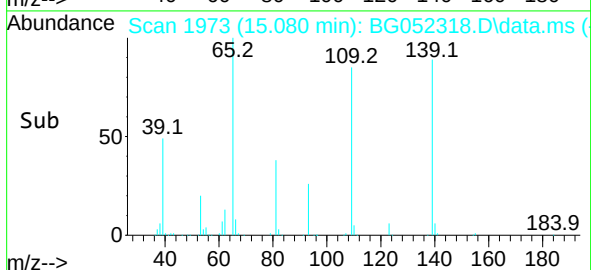
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

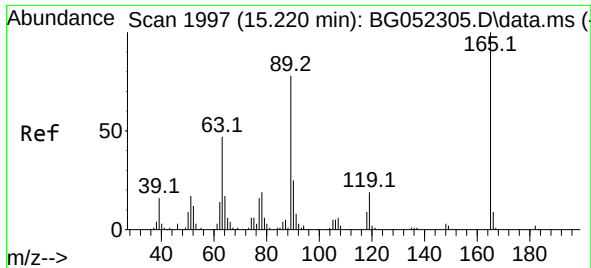


#56
4-Nitrophenol
Concen: 97.498 ng
RT: 15.080 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:139 Resp: 126613
Ion Ratio Lower Upper
139 100
109 95.8 84.9 124.9
65 114.6 109.9 149.9





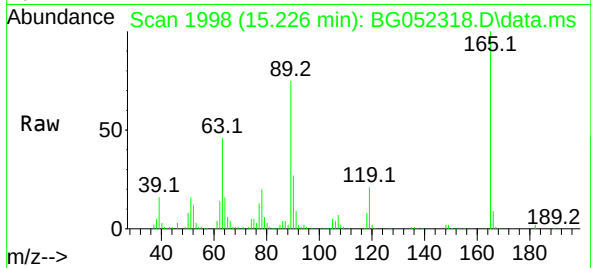
#57
2,4-Dinitrotoluene
Concen: 45.129 ng
RT: 15.226 min Scan# 1997
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

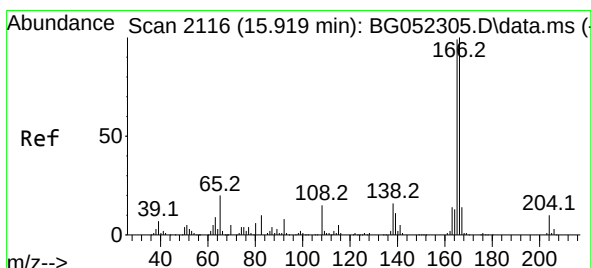
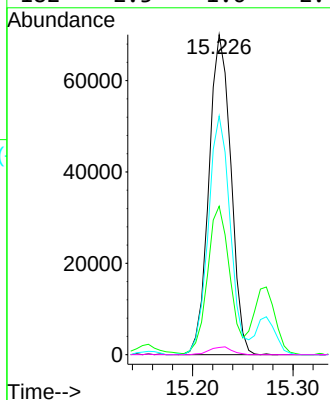
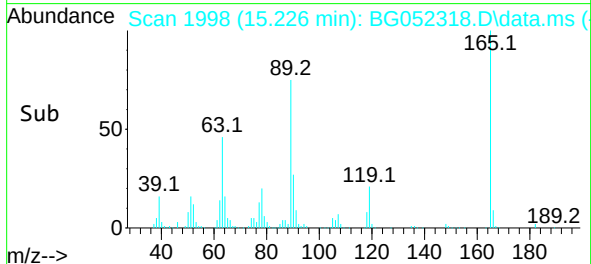


Tgt Ion:165 Resp: 106859
Ion Ratio Lower Upper
165 100
63 46.4 44.6 66.8
89 74.6 67.4 101.0
182 2.3 1.6 2.4

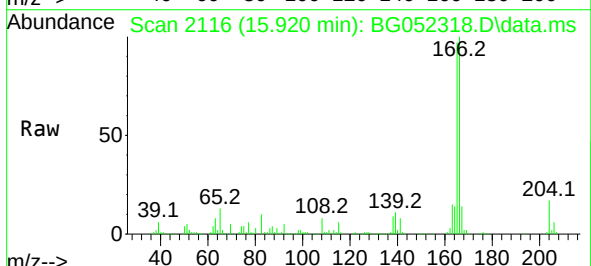
Manual Integrations

APPROVED

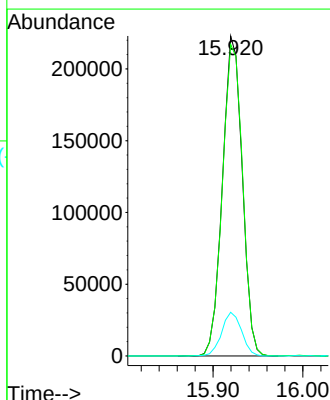
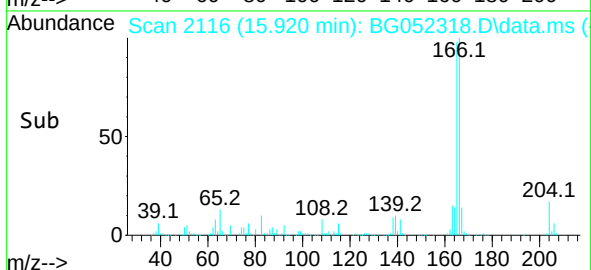
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

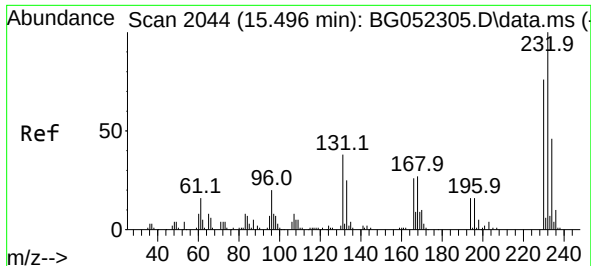


#58
Fluorene
Concen: 44.750 ng
RT: 15.920 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:166 Resp: 340531
Ion Ratio Lower Upper
166 100
165 97.4 80.0 120.0
167 13.7 11.1 16.7





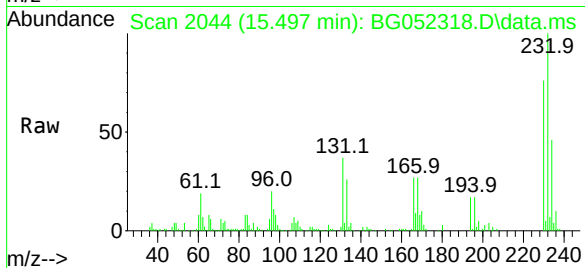
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.504 ng
RT: 15.497 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

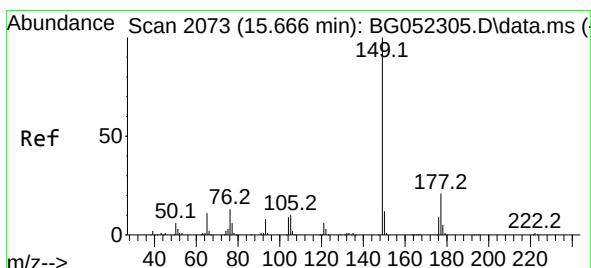
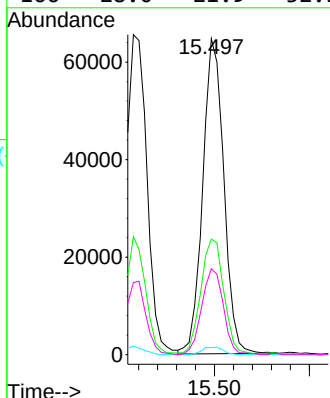
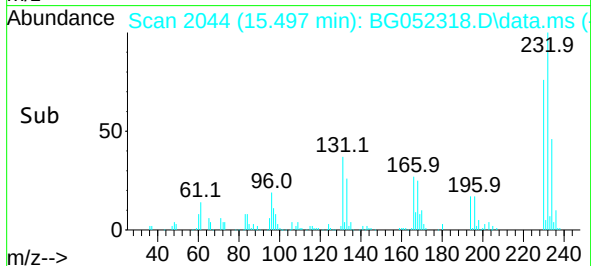


Tgt Ion:232 Resp: 9974
Ion Ratio Lower Upper
232 100
131 39.5 32.2 48.4
130 2.4 2.2 3.4
166 28.0 21.9 32.9

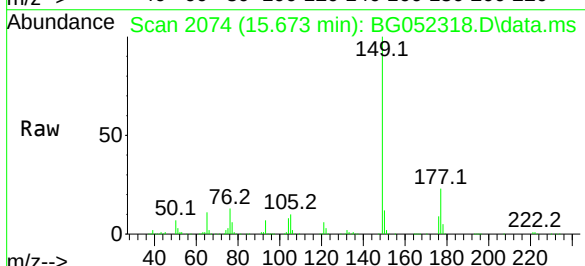
Manual Integrations

APPROVED

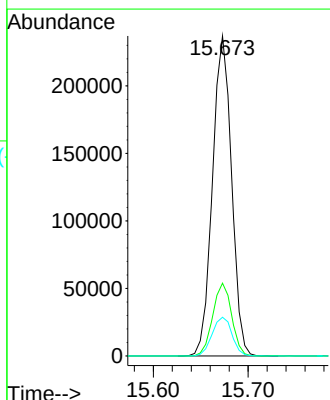
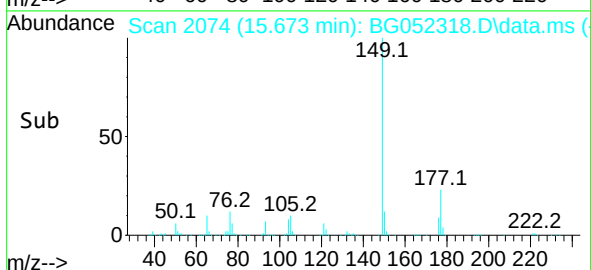
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

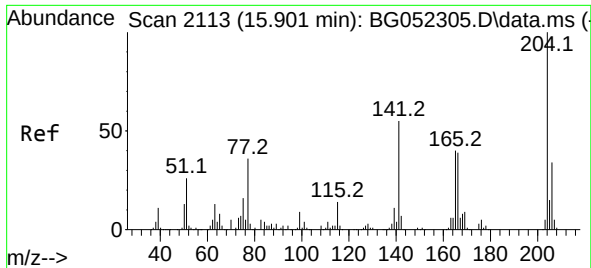


#60
Diethylphthalate
Concen: 42.567 ng
RT: 15.673 min Scan# 2074
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



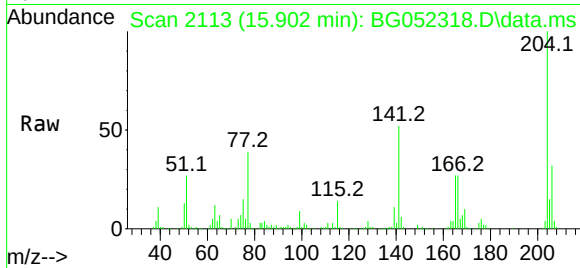
Tgt Ion:149 Resp: 331507
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.1 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 43.396 ng
RT: 15.902 min Scan# 2113
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

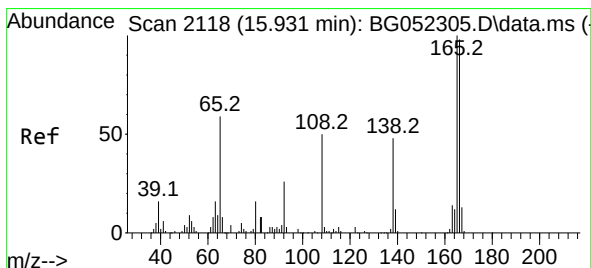
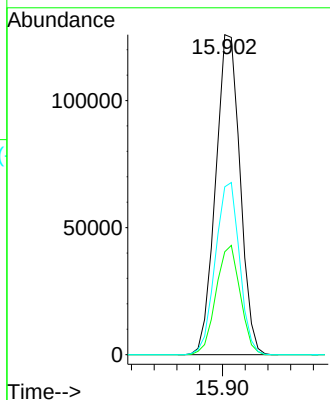
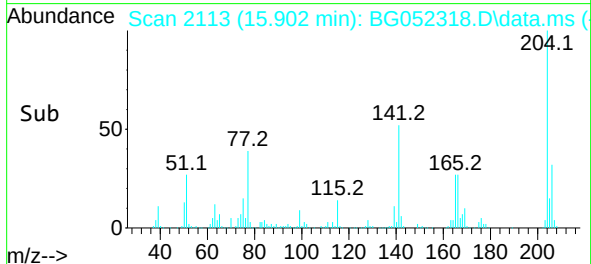
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



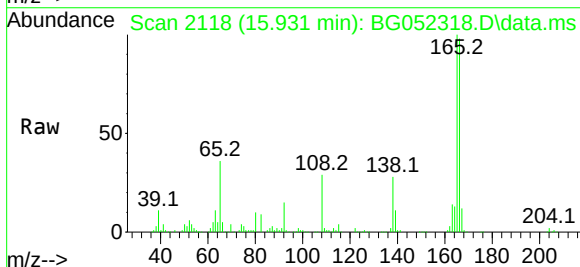
Tgt Ion:204 Resp: 18810
Ion Ratio Lower Upper
204 100
206 32.1 28.4 42.6
141 52.5 41.8 62.6

Manual Integrations
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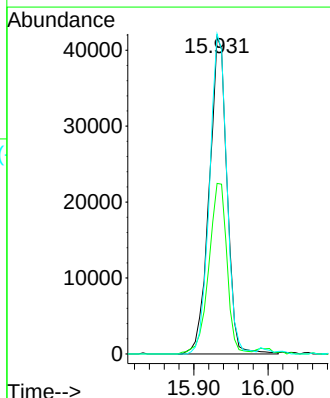
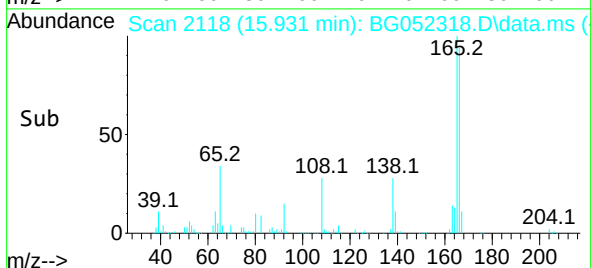
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

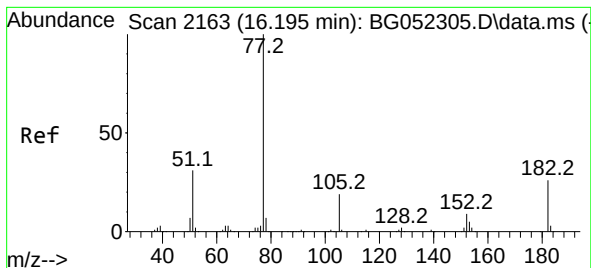


#62
4-Nitroaniline
Concen: 38.109 ng
RT: 15.931 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:138 Resp: 69375
Ion Ratio Lower Upper
138 100
92 53.7 35.5 75.5
108 100.8 96.4 136.4





#63

Azobenzene

Concen: 42.323 ng

RT: 16.202 min Scan# 2163

Delta R.T. 0.007 min

Lab File: BG052318.D

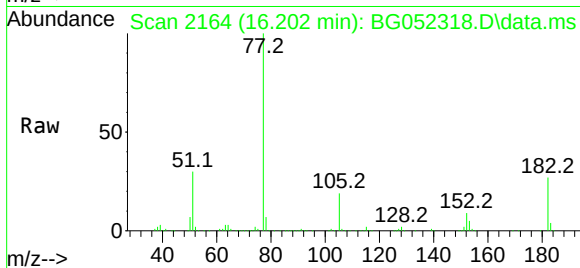
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD



Tgt Ion: 77 Resp: 337429

Ion Ratio Lower Upper

77 100

182 27.3 4.1 44.1

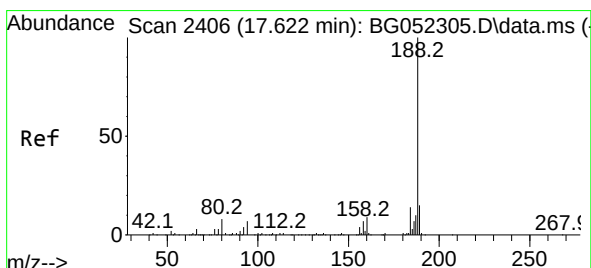
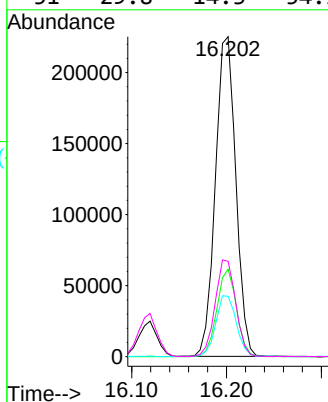
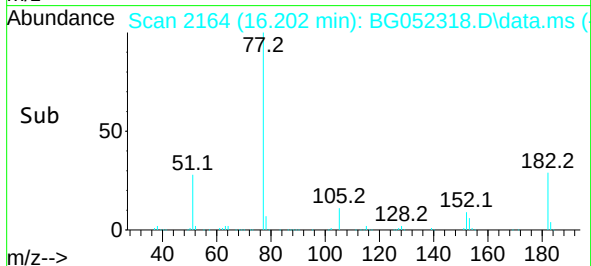
105 18.8 0.0 37.5

51 29.8 14.3 54.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.623 min Scan# 2406

Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

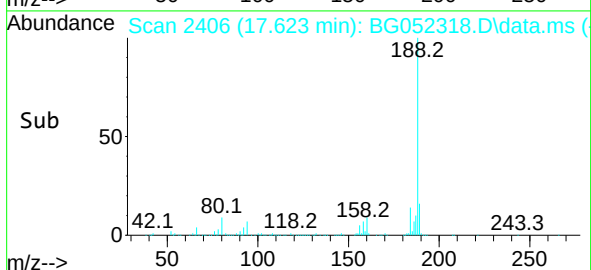
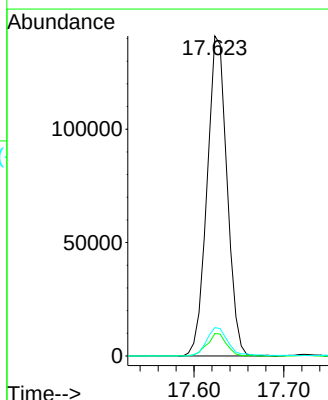
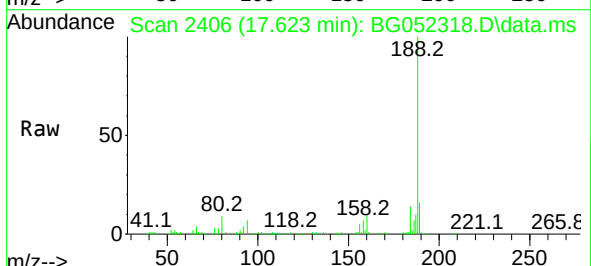
Tgt Ion:188 Resp: 217320

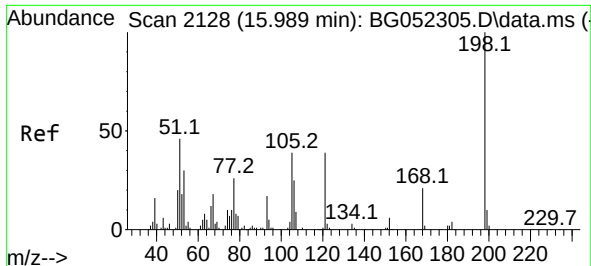
Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.9 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 32.989 ng
RT: 15.996 min Scan# 2128
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

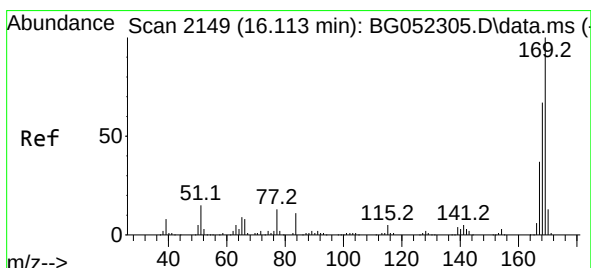
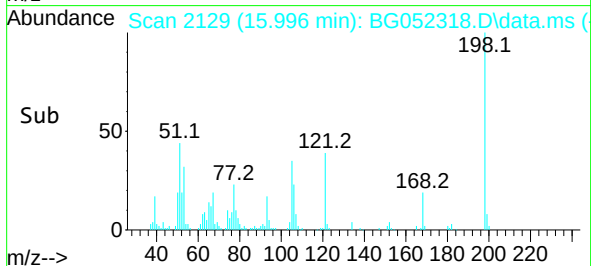
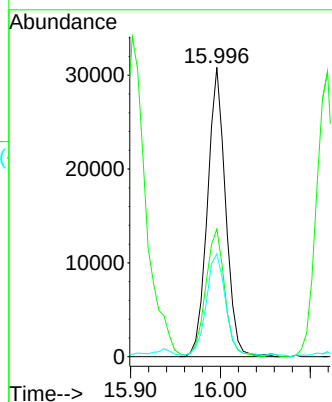
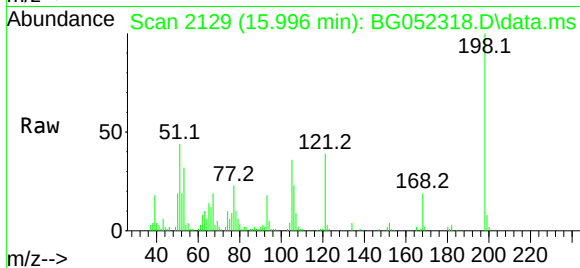
TR-04-020322MSD

Tgt Ion:198 Resp: 4312
Ion Ratio Lower Upper
198 100
51 44.1 31.6 71.6
105 35.6 22.3 62.3

Manual Integrations

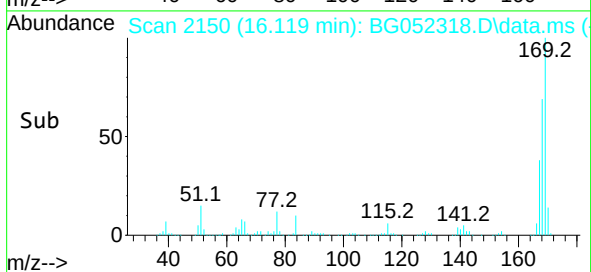
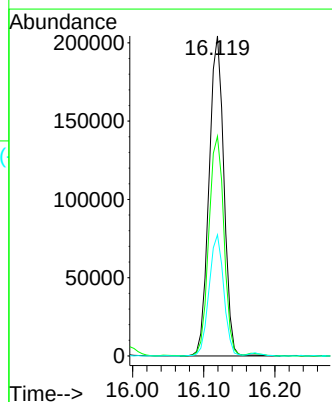
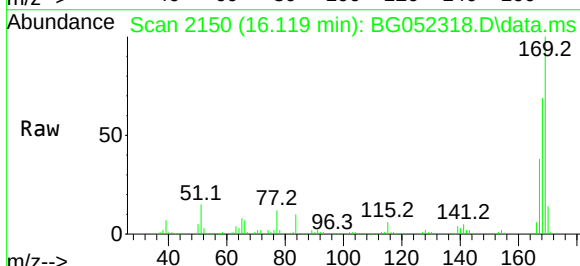
APPROVED

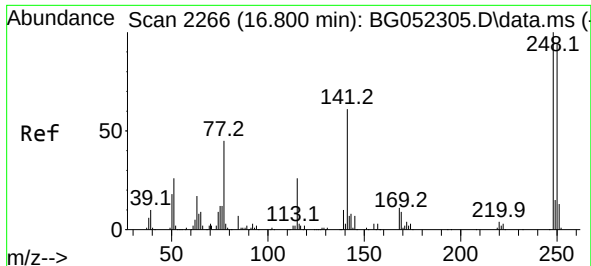
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#66
n-Nitrosodiphenylamine
Concen: 49.601 ng
RT: 16.119 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:169 Resp: 296996
Ion Ratio Lower Upper
169 100
168 68.7 57.4 86.0
167 37.8 29.5 44.3





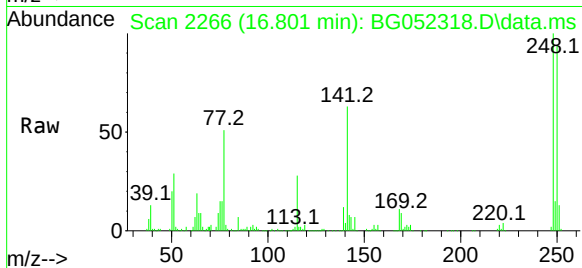
#67
4-Bromophenyl-phenylether
Concen: 46.667 ng
RT: 16.801 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

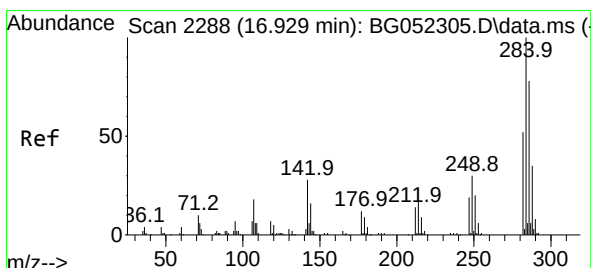
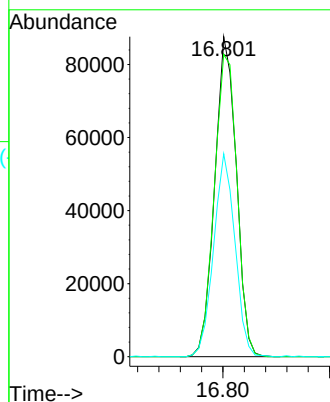
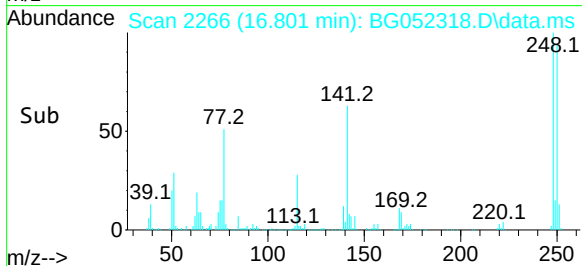


Tgt Ion:248 Resp: 12333
Ion Ratio Lower Upper
248 100
250 94.4 79.6 119.4
141 63.4 54.6 81.8

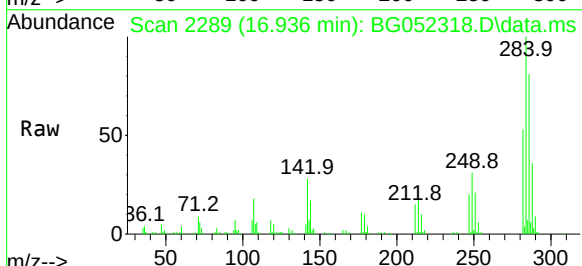
Manual Integrations

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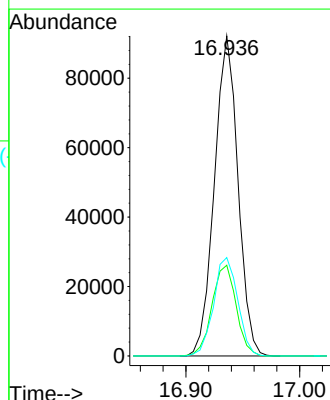
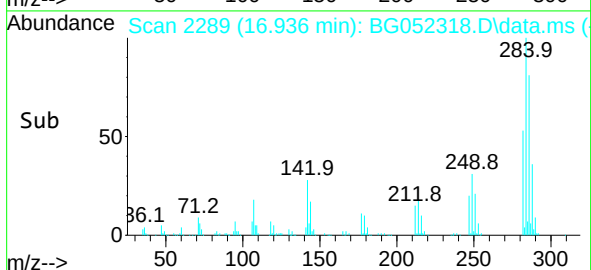
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

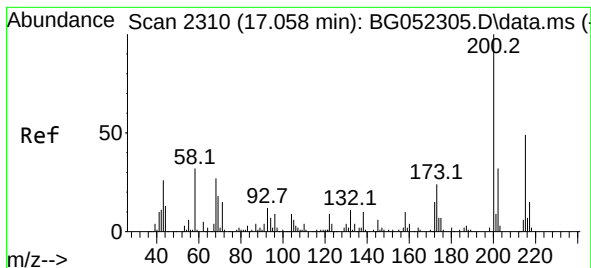


#68
Hexachlorobenzene
Concen: 46.214 ng
RT: 16.936 min Scan# 2289
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:284 Resp: 132470
Ion Ratio Lower Upper
284 100
142 28.3 26.2 39.2
249 30.7 26.9 40.3





#69

Atrazine

Concen: 49.937 ng

RT: 17.059 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG052318.D

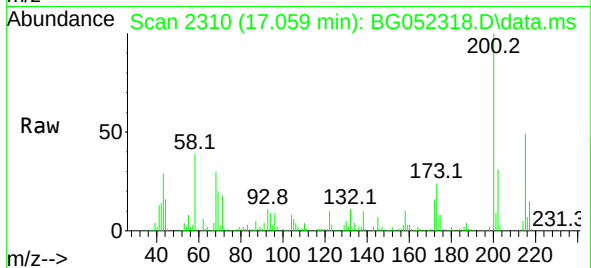
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD



Tgt Ion:200 Resp: 120880

Ion Ratio Lower Upper

200 100

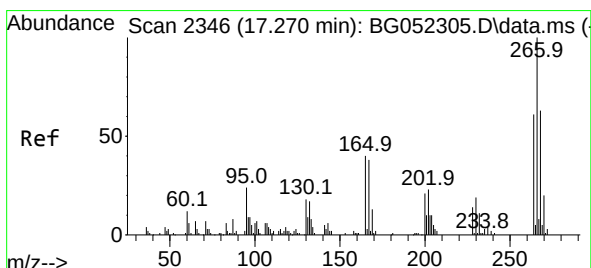
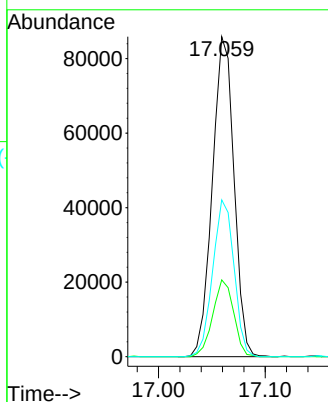
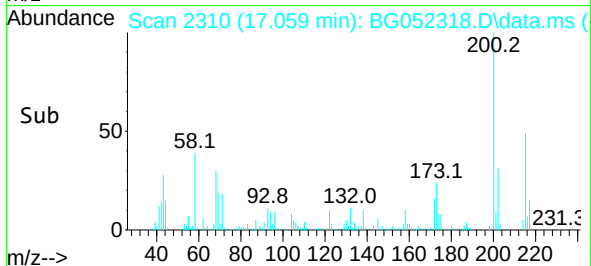
173 24.0 3.3 43.3

215 49.0 24.4 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#70

Pentachlorophenol

Concen: 111.805 ng

RT: 17.277 min Scan# 2347

Delta R.T. 0.007 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

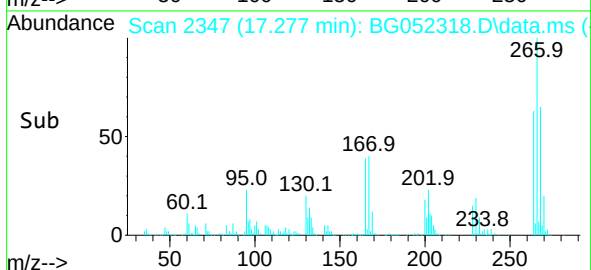
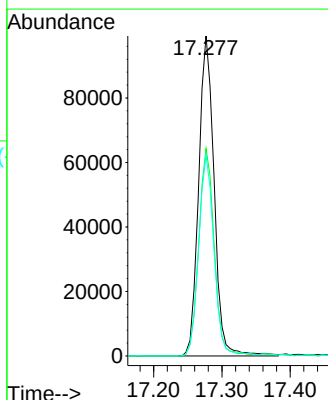
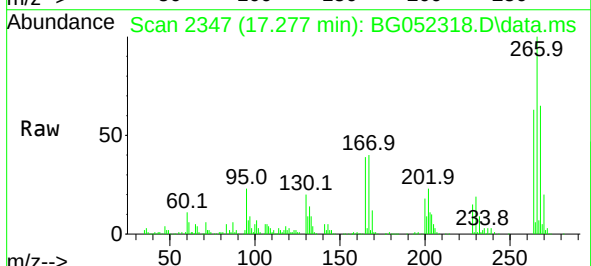
Tgt Ion:266 Resp: 156788

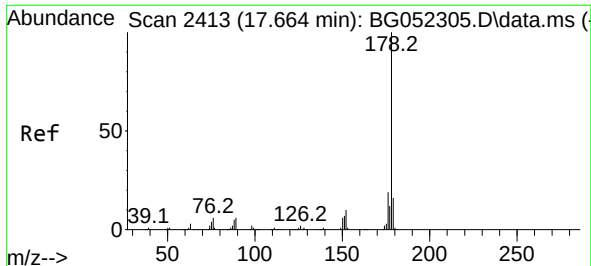
Ion Ratio Lower Upper

266 100

268 64.8 50.6 75.8

264 62.7 52.2 78.2





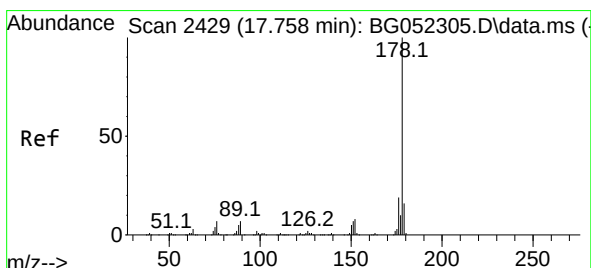
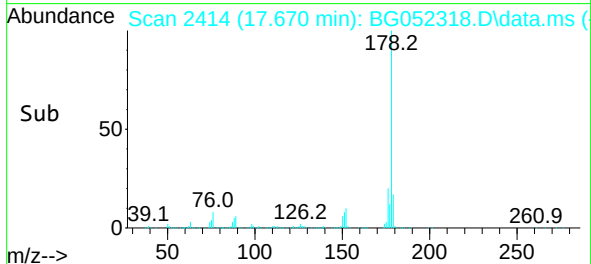
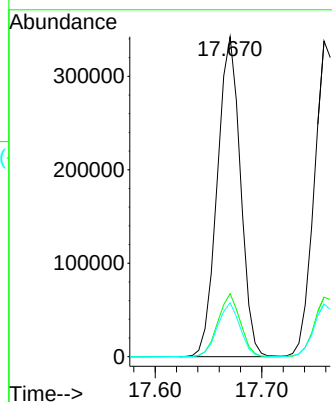
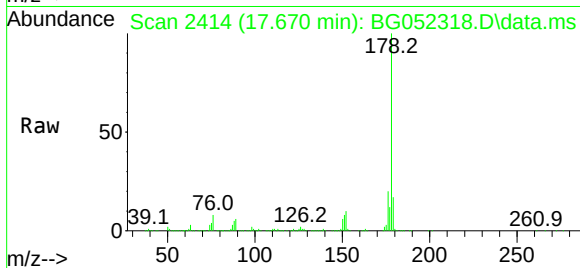
#71
Phenanthrene
Concen: 46.070 ng
RT: 17.670 min Scan# 2413
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD

Tgt Ion:178 Resp: 51612
Ion Ratio Lower Upper
178 100
176 19.7 16.6 25.0
179 16.9 12.6 18.8

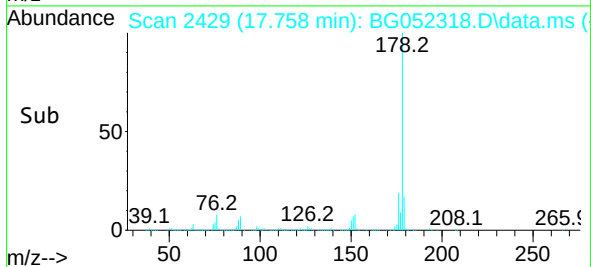
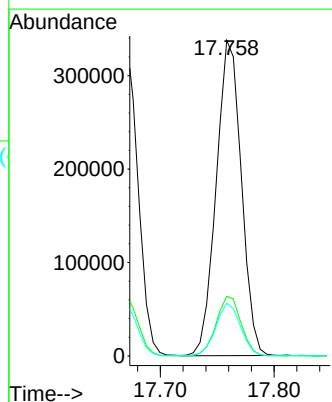
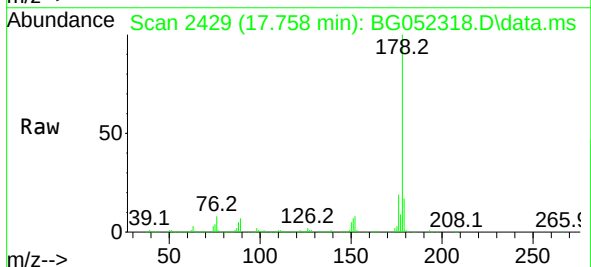
Manual Integrations
APPROVED

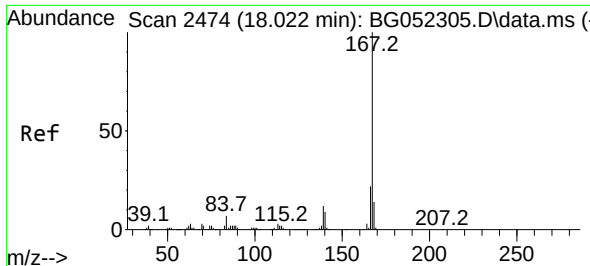
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#72
Anthracene
Concen: 47.190 ng
RT: 17.758 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:178 Resp: 518063
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 16.7 13.1 19.7





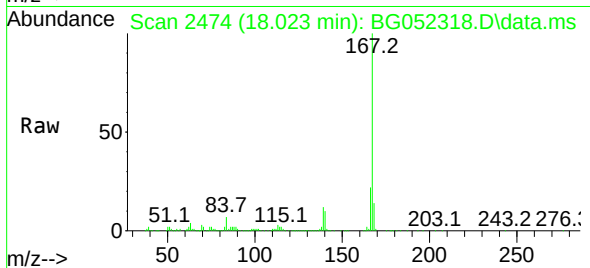
#73
 Carbazole
 Concen: 43.253 ng
 RT: 18.023 min Scan# 2474
 Delta R.T. 0.001 min
 Lab File: BG052318.D
 Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

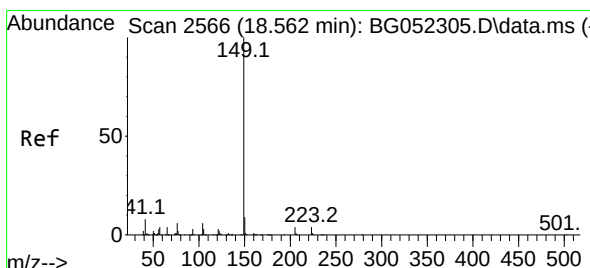
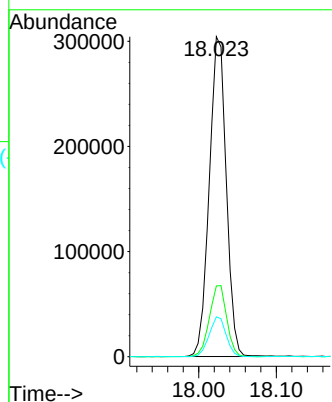
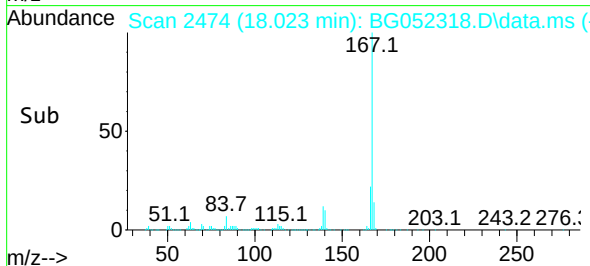


Tgt Ion:167 Resp: 463120
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 12.5 10.6 16.0

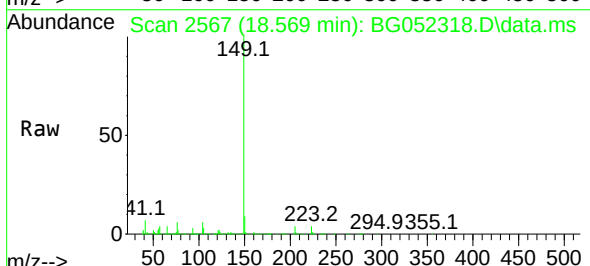
Manual Integrations

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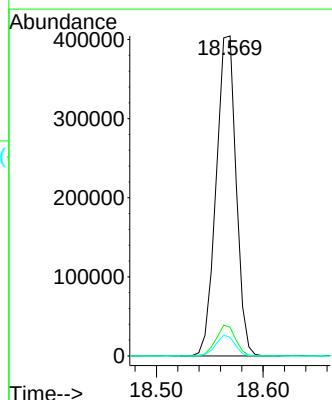
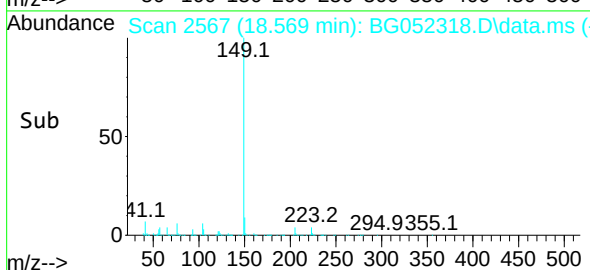
Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022

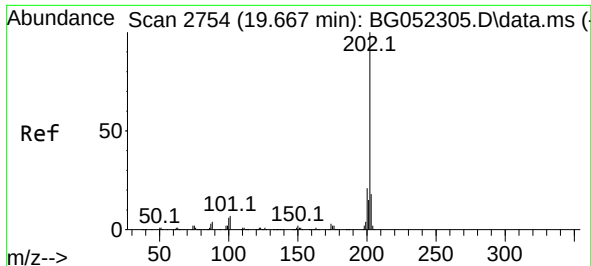


#74
 Di-n-butylphthalate
 Concen: 45.035 ng
 RT: 18.569 min Scan# 2567
 Delta R.T. 0.007 min
 Lab File: BG052318.D
 Acq: 8 Feb 2022 14:23



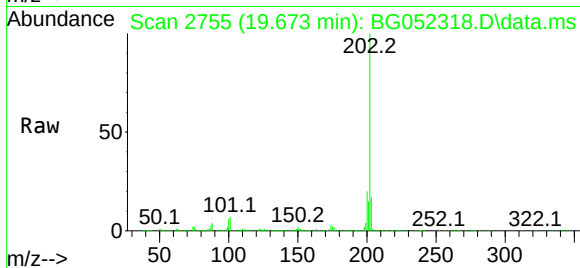
Tgt Ion:149 Resp: 525377
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.9 5.4 8.2





#75
Fluoranthene
Concen: 42.382 ng
RT: 19.673 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

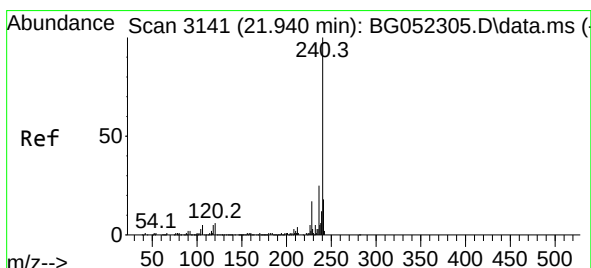
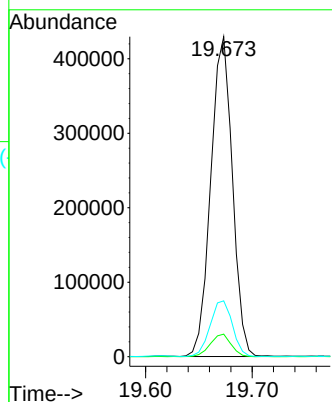
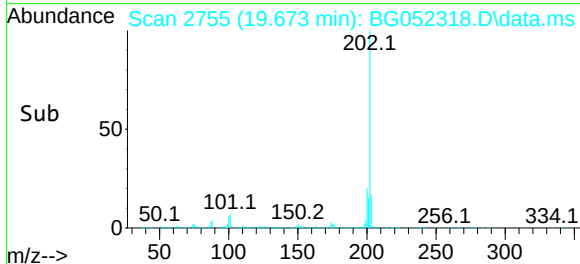
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



Tgt Ion:202 Resp: 60458
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.1
203 17.5 0.0 37.8

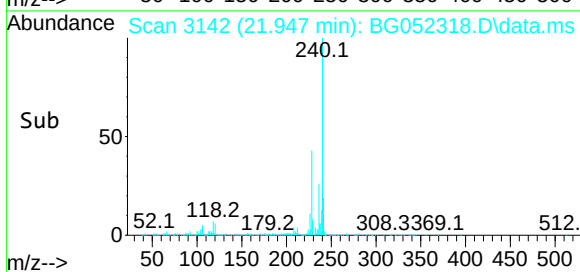
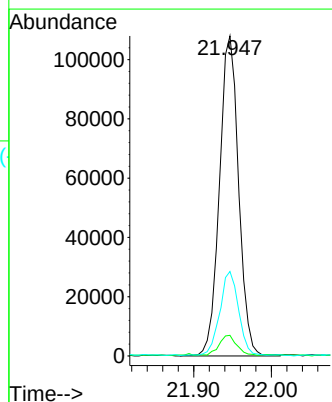
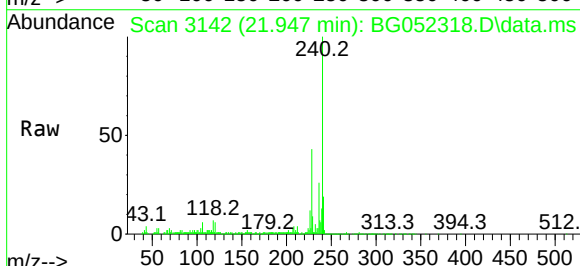
Manual Integrations
APPROVED

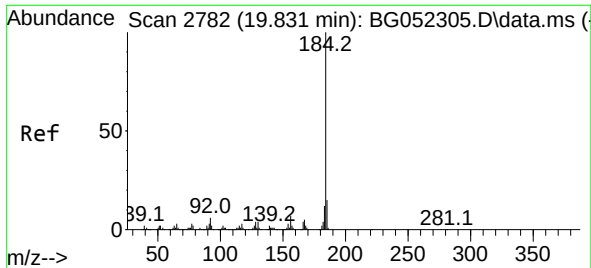
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.947 min Scan# 3142
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:240 Resp: 185497
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 26.4 20.8 31.2





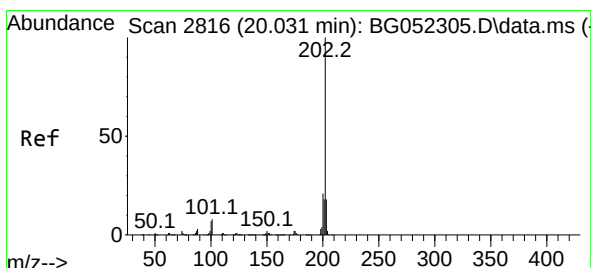
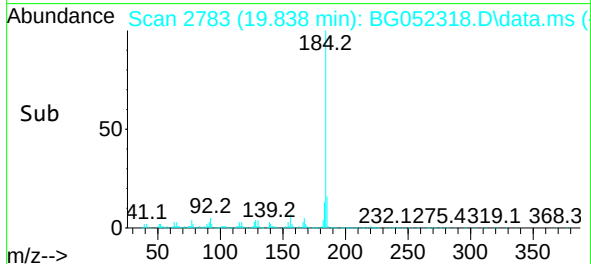
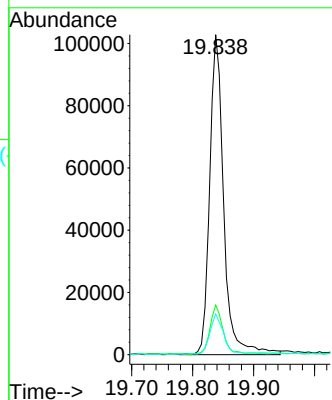
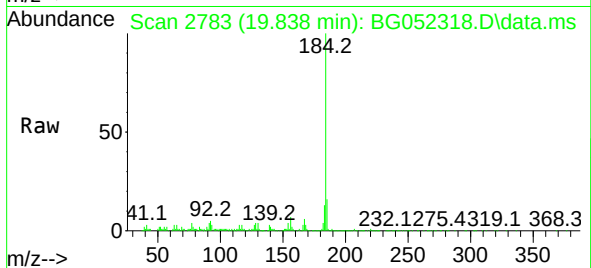
#77
Benzidine
Concen: 41.523 ng
RT: 19.838 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD

Tgt Ion:184 Resp: 16458
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 12.7 9.8 14.6

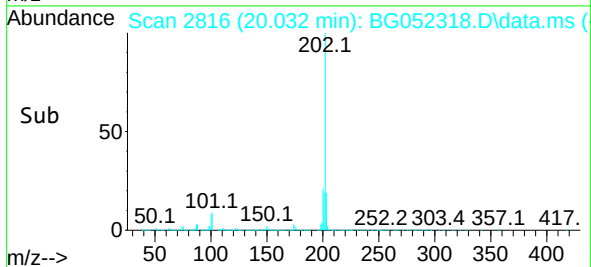
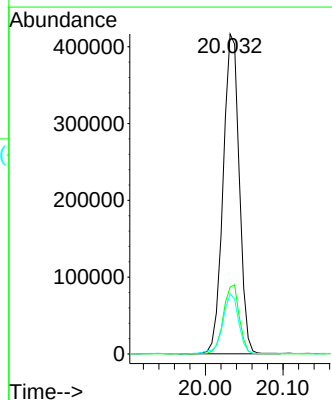
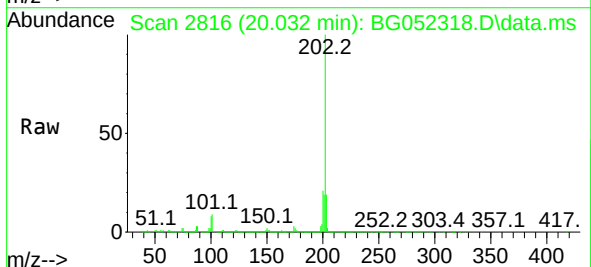
Manual Integrations
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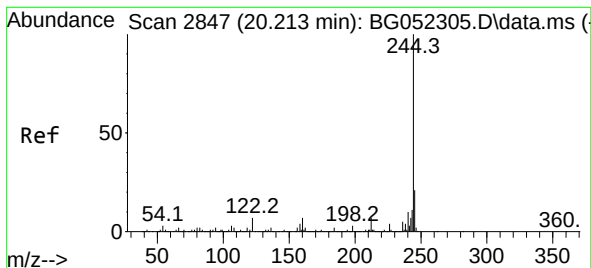
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#78
Pyrene
Concen: 48.503 ng
RT: 20.032 min Scan# 2816
Delta R.T. 0.001 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

Tgt Ion:202 Resp: 602038
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 18.8 14.5 21.7





#79

Terphenyl-d14

Concen: 63.647 ng

RT: 20.220 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG052318.D

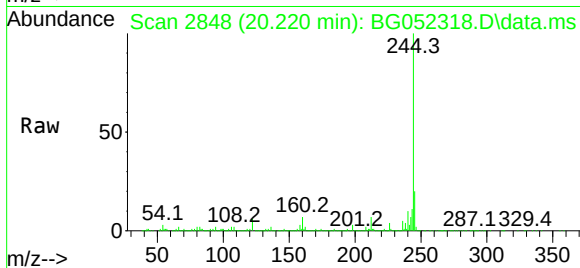
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD



Tgt Ion:244 Resp: 66859

Ion Ratio Lower Upper

244 100

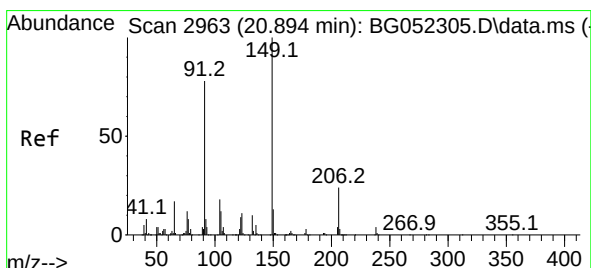
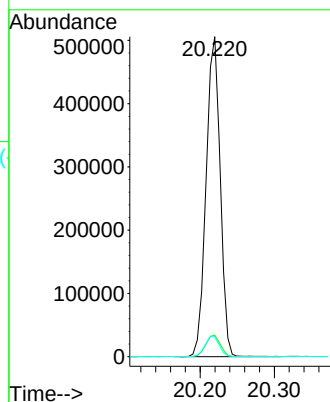
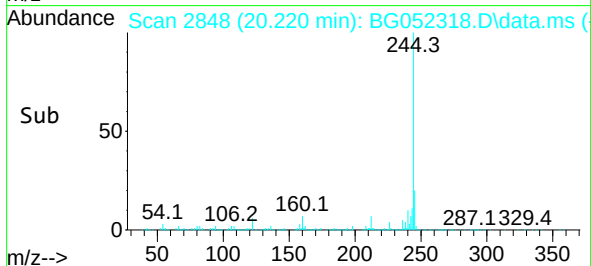
212 6.8 6.0 9.0

122 6.1 6.2 9.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#80

Butylbenzylphthalate

Concen: 46.611 ng

RT: 20.901 min Scan# 2964

Delta R.T. 0.007 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

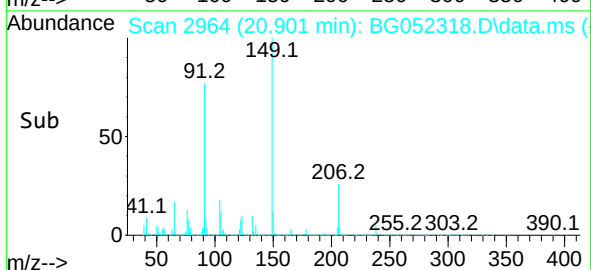
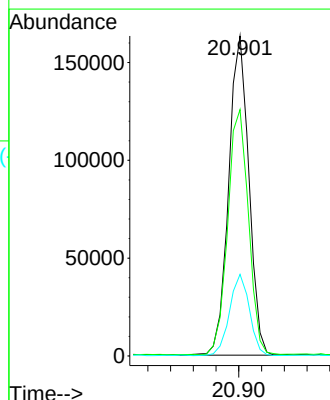
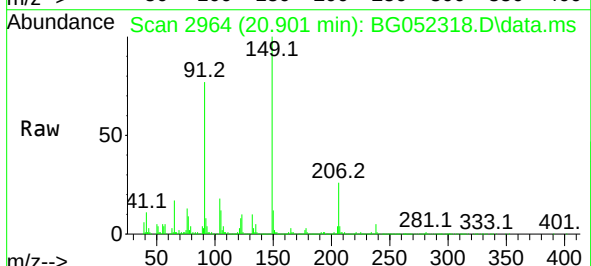
Tgt Ion:149 Resp: 200965

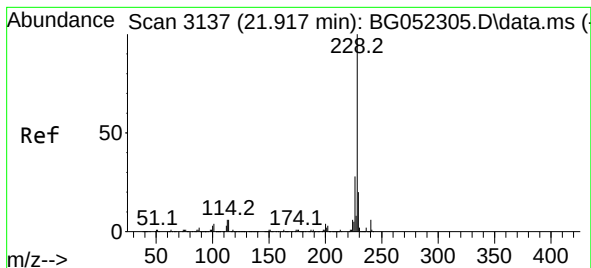
Ion Ratio Lower Upper

149 100

91 77.0 64.0 96.0

206 25.5 19.3 28.9





#81

Benzo(a)anthracene

Concen: 46.978 ng

RT: 21.923 min Scan# 3137

Delta R.T. 0.007 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD

Tgt Ion:228 Resp: 57665

Ion Ratio Lower Upper

228 100

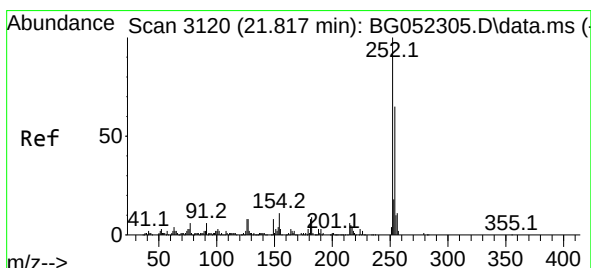
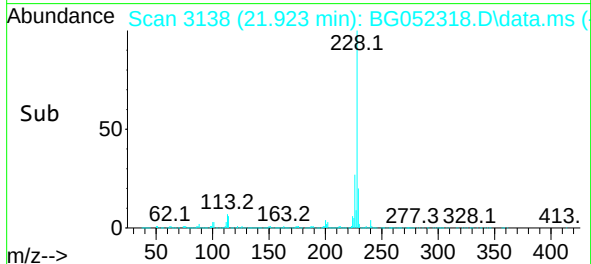
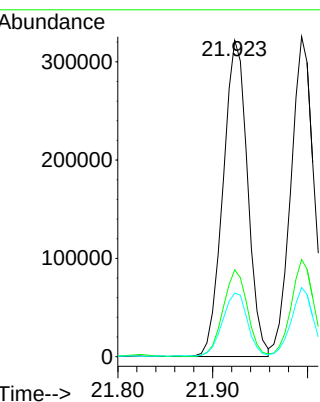
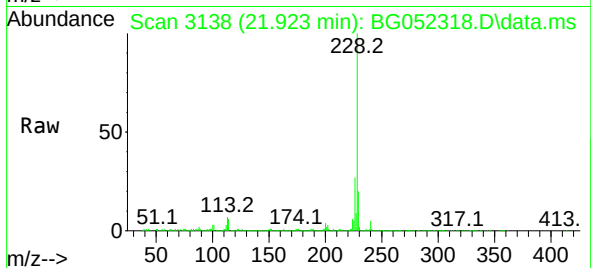
226 27.5 21.6 32.4

229 20.1 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#82

3,3'-Dichlorobenzidine

Concen: 40.331 ng

RT: 21.823 min Scan# 3121

Delta R.T. 0.007 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

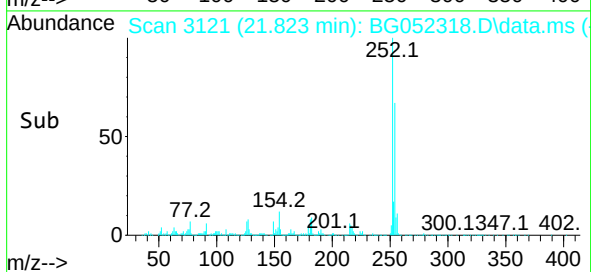
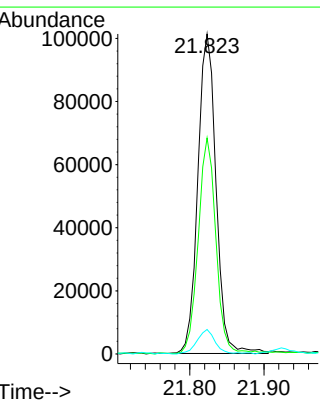
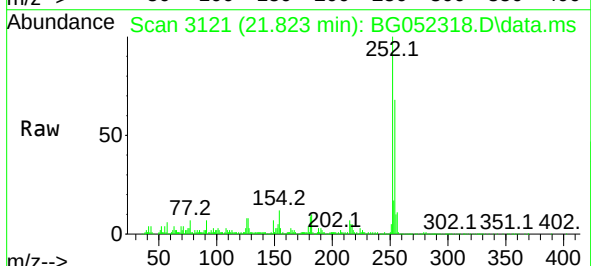
Tgt Ion:252 Resp: 172831

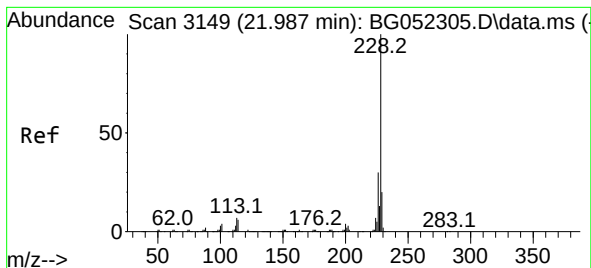
Ion Ratio Lower Upper

252 100

254 67.5 52.6 79.0

126 7.6 6.4 9.6





#83

Chrysene

Concen: 46.634 ng

RT: 21.994 min Scan# 3149

Delta R.T. 0.007 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

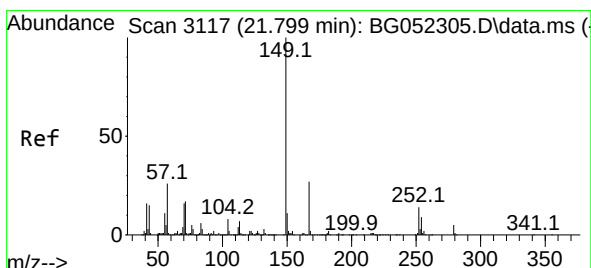
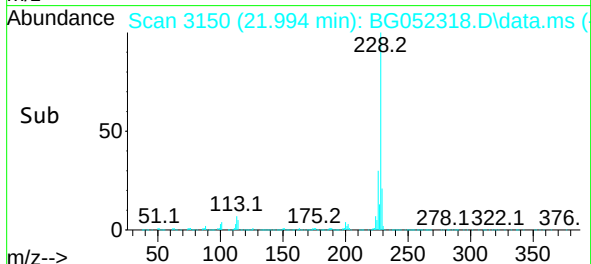
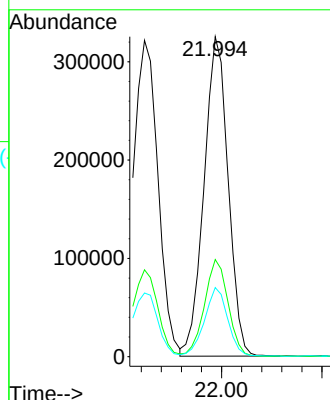
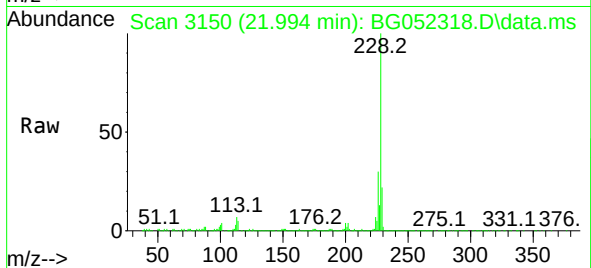
TR-04-020322MSD

Tgt Ion:228 Resp: 542448
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 21.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
 Supervised By :mohammad ahmed 02/15/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.878 ng

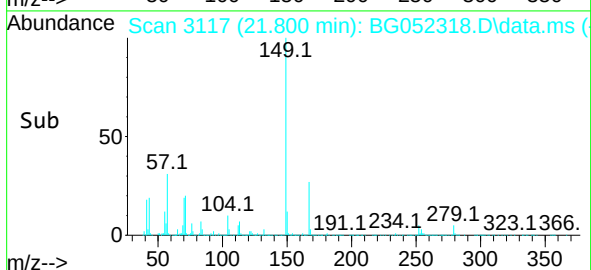
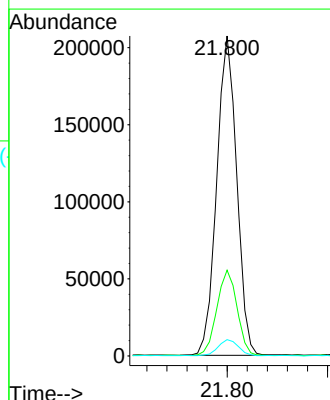
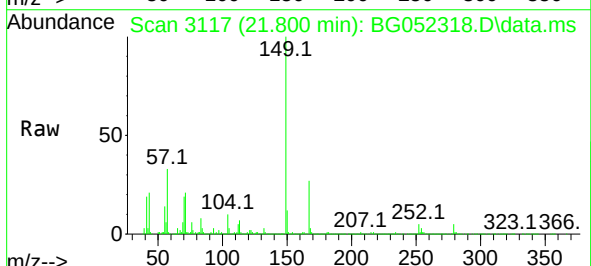
RT: 21.800 min Scan# 3117

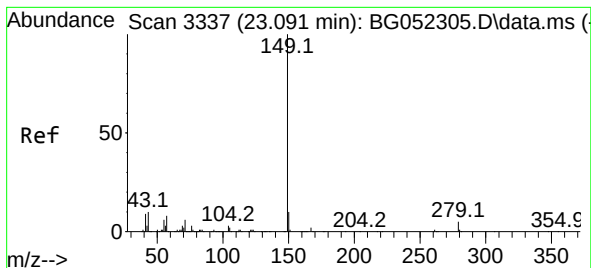
Delta R.T. 0.001 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

Tgt Ion:149 Resp: 286234
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.4 32.0
 279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 48.316 ng

RT: 23.098 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG052318.D

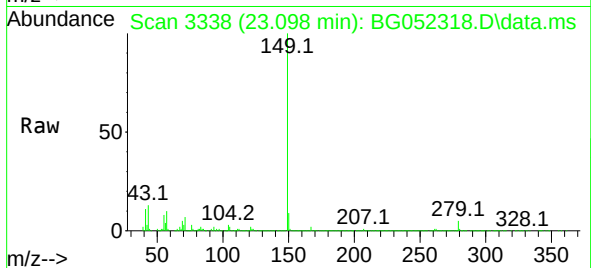
Acq: 8 Feb 2022 14:23

Instrument :

BNA_G

ClientSampleId :

TR-04-020322MSD



Tgt Ion:149 Resp: 484294

Ion Ratio Lower Upper

149 100

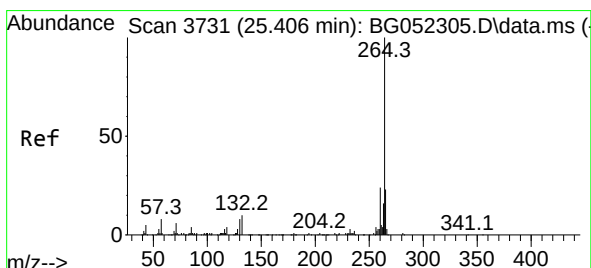
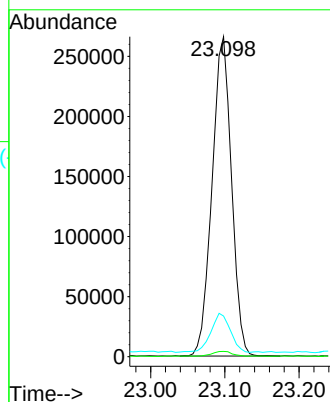
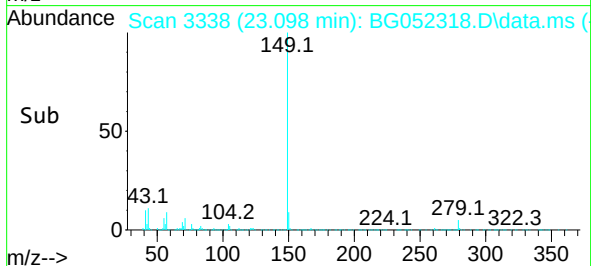
167 1.6 1.4 2.0

43 12.2 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.424 min Scan# 3734

Delta R.T. 0.018 min

Lab File: BG052318.D

Acq: 8 Feb 2022 14:23

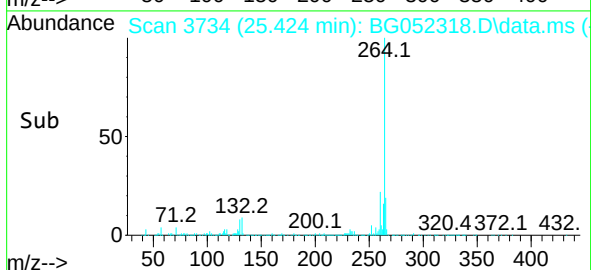
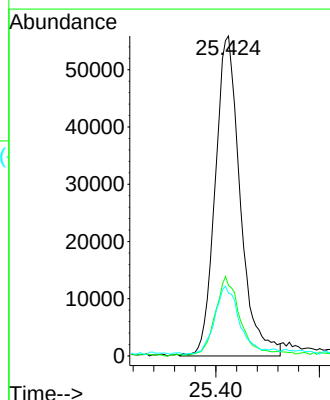
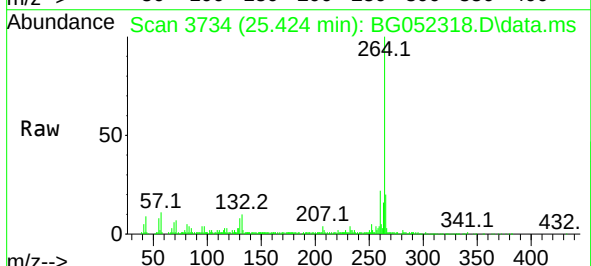
Tgt Ion:264 Resp: 187730

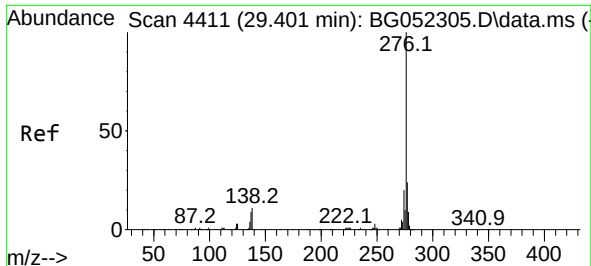
Ion Ratio Lower Upper

264 100

260 22.0 18.5 27.7

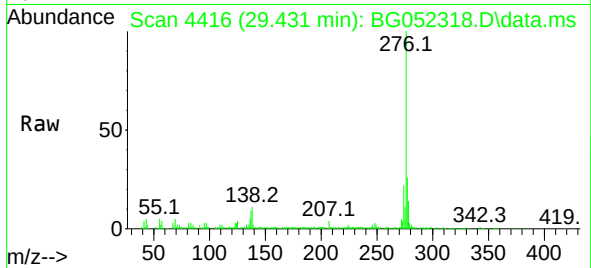
265 19.6 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.059 ng
RT: 29.431 min Scan# 4411
Delta R.T. 0.030 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

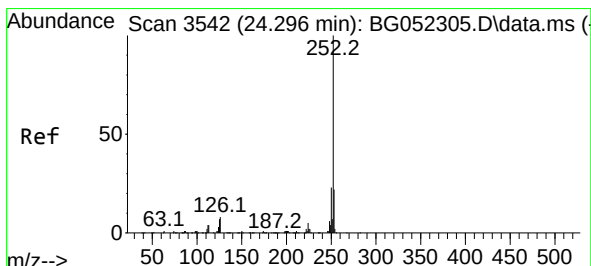
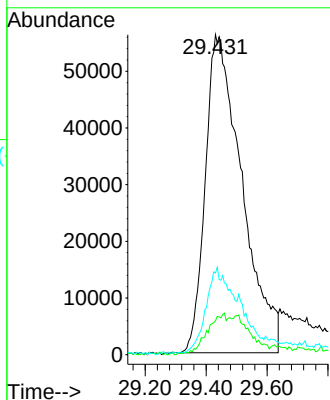
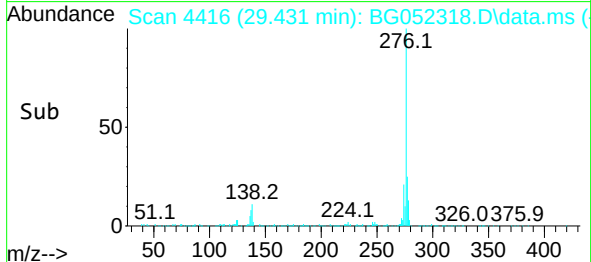
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



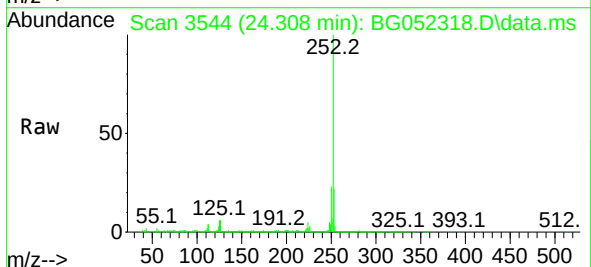
Tgt Ion:276 Resp: 467890
Ion Ratio Lower Upper
276 100
138 0.0 6.1 9.1
277 18.2 20.2 30.4

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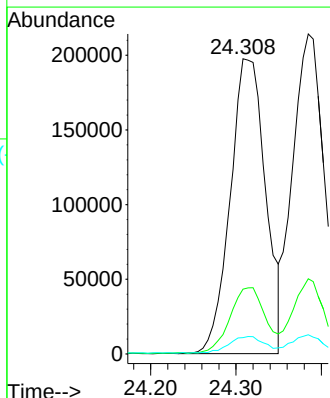
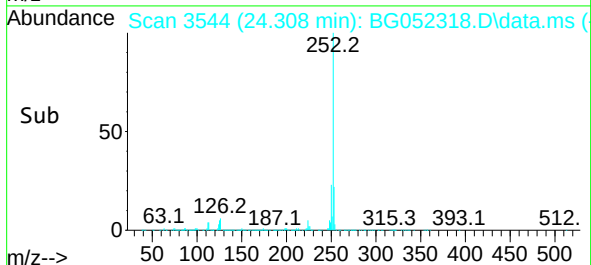
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

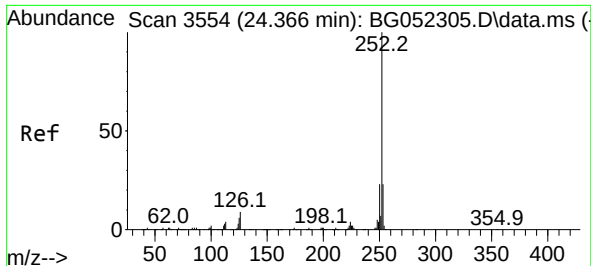


#88
Benzo(b)fluoranthene
Concen: 48.650 ng
RT: 24.308 min Scan# 3544
Delta R.T. 0.013 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



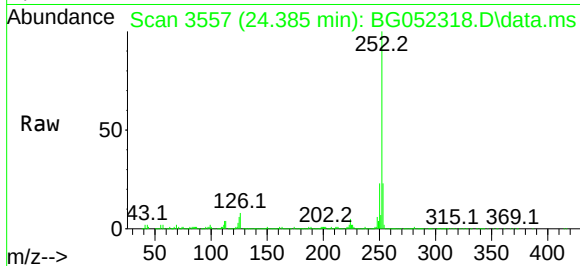
Tgt Ion:252 Resp: 569129
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 5.5 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 50.589 ng
RT: 24.385 min Scan# 31
Delta R.T. 0.018 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

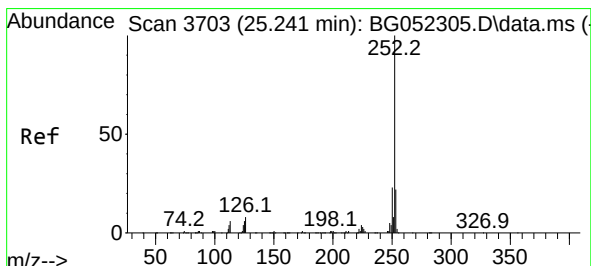
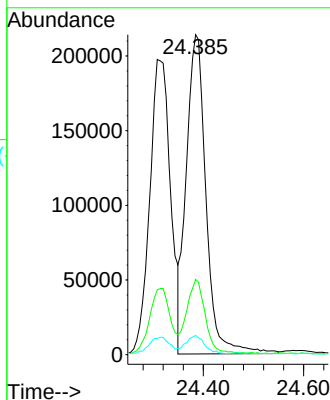
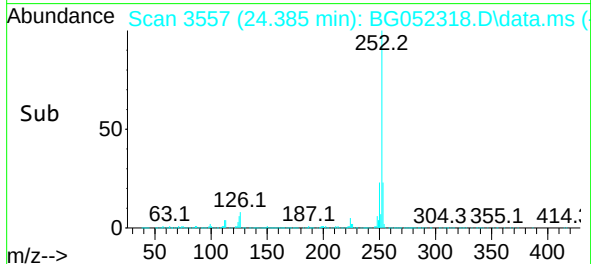
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



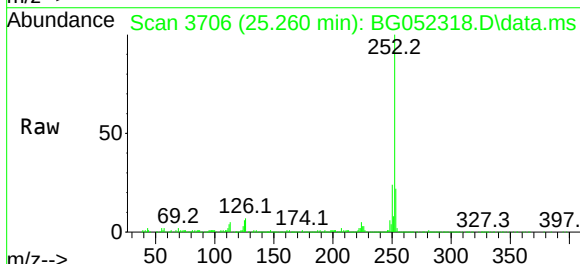
Tgt Ion:252 Resp: 584638
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 6.0 4.6 7.0

Manual Integrations
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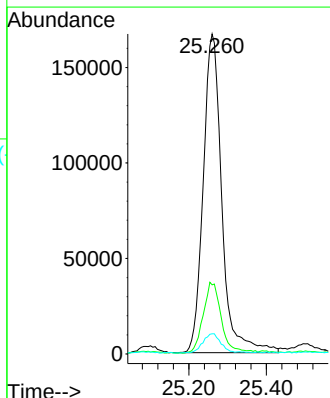
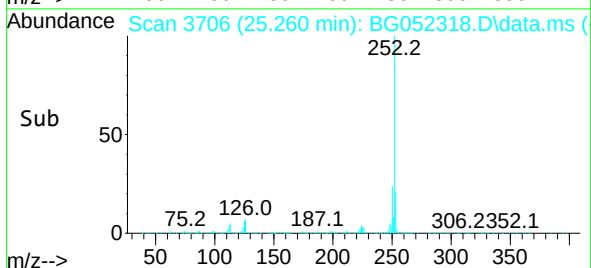
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

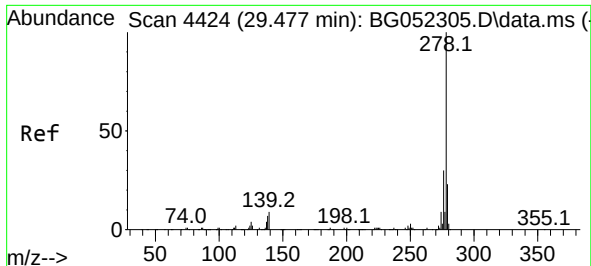


#90
Benzo(a)pyrene
Concen: 56.323 ng
RT: 25.260 min Scan# 3706
Delta R.T. 0.018 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



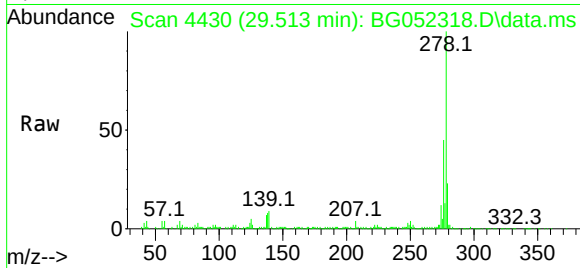
Tgt Ion:252 Resp: 556590
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 6.3 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 35.930 ng
RT: 29.513 min Scan# 4424
Delta R.T. 0.036 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23

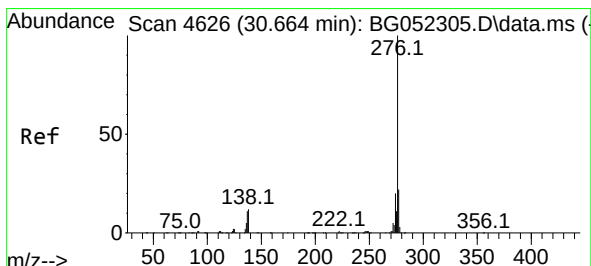
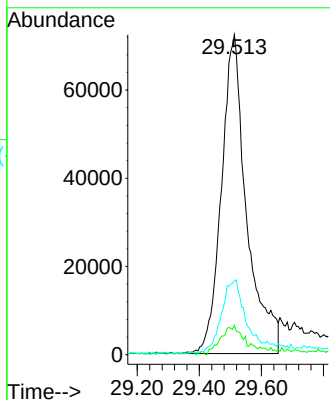
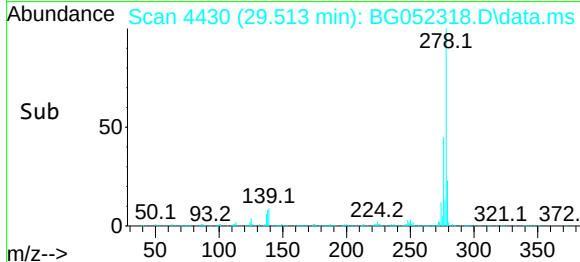
Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD



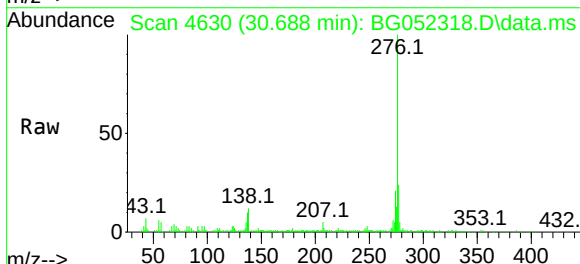
Tgt Ion:278 Resp: 40775
Ion Ratio Lower Upper
278 100
139 9.2 6.4 9.6
279 23.0 20.1 30.1

Manual Integrations
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Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#92
Benzo(g,h,i)perylene
Concen: 30.633 ng
RT: 30.688 min Scan# 4630
Delta R.T. 0.024 min
Lab File: BG052318.D
Acq: 8 Feb 2022 14:23



Tgt Ion:276 Resp: 341169
Ion Ratio Lower Upper
276 100
277 23.8 18.2 27.2
138 12.4 9.1 13.7

