

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055430.D
 Acq On : 3 Nov 2022 1:25
 Operator : CG/JU
 Sample : N5395-10MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/07/2022
 Supervised By : mohammad ahmed 11/08/2022

Quant Time: Nov 03 06:14:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	31499	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	137954	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	92755	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	195314	20.000	ng	0.00
76) Chrysene-d12	21.866	240	188173	20.000	ng	0.00
86) Perylene-d12	25.239	264	210271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	208700	118.986	ng	0.00
7) Phenol-d6	7.389	99	271743	111.721	ng	0.00
23) Nitrobenzene-d5	9.416	82	165159	63.805	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	132903	105.045	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	413526	66.101	ng	0.00
79) Terphenyl-d14	20.162	244	655703	67.759	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	28492	35.814	ng	97
3) Pyridine	3.987	79	77219	32.706	ng	98
4) n-Nitrosodimethylamine	3.899	42	39040	41.856	ng	99
6) Aniline	7.554	93	116442	36.910	ng	100
8) 2-Chlorophenol	7.800	128	107637	50.507	ng	99
9) Benzaldehyde	7.366	77	70111	49.029	ng	98
10) Phenol	7.419	94	133322	48.427	ng	98
11) bis(2-Chloroethyl)ether	7.648	93	92390	44.856	ng	99
12) 1,3-Dichlorobenzene	8.129	146	116007	48.025	ng	99
13) 1,4-Dichlorobenzene	8.276	146	117590	47.796	ng	98
14) 1,2-Dichlorobenzene	8.600	146	115104	48.879	ng	99
15) Benzyl Alcohol	8.476	79	90583m	46.694	ng	
16) 2,2'-oxybis(1-Chloropr...	8.764	45	120230	43.873	ng	98
17) 2-Methylphenol	8.682	107	93325	47.113	ng	98
18) Hexachloroethane	9.334	117	40958	48.802	ng	95
19) n-Nitroso-di-n-propyla...	9.046	70	78591	41.350	ng	98
20) 3+4-Methylphenols	9.011	107	130342	46.310	ng	99
22) Acetophenone	9.070	105	158383	43.802	ng	98
24) Nitrobenzene	9.457	77	115793	42.906	ng	98
25) Isophorone	9.980	82	217875	42.501	ng	99
26) 2-Nitrophenol	10.174	139	65407	47.068	ng	98
27) 2,4-Dimethylphenol	10.227	122	104421	53.591	ng	97
28) bis(2-Chloroethoxy)met...	10.456	93	129269	47.343	ng	98
29) 2,4-Dichlorophenol	10.715	162	112052	47.143	ng	96
30) 1,2,4-Trichlorobenzene	10.932	180	119114	46.280	ng	98
31) Naphthalene	11.120	128	343986	44.287	ng	99
32) Benzoic acid	10.444	122	11403m	14.518	ng	
33) 4-Chloroaniline	11.226	127	105418	32.664	ng	99
34) Hexachlorobutadiene	11.396	225	75563	47.232	ng	99
35) Caprolactam	11.996	113	34143	38.798	ng	95
36) 4-Chloro-3-methylphenol	12.330	107	112855	43.364	ng	99
37) 2-Methylnaphthalene	12.706	142	248083	43.483	ng	99
38) 1-Methylnaphthalene	12.924	142	232710	41.819	ng	100
40) 1,2,4,5-Tetrachloroben...	13.071	216	137597	50.218	ng	99
41) Hexachlorocyclopentadiene	13.041	237	147007	109.795	ng	96
43) 2,4,6-Trichlorophenol	13.306	196	92027	48.230	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	97942	46.083	ng	99
46) 1,1'-Biphenyl	13.694	154	326900	47.896	ng	100
47) 2-Chloronaphthalene	13.746	162	257204	46.898	ng	100
48) 2-Nitroaniline	13.946	65	70806	42.034	ng	96
49) Acenaphthylene	14.587	152	407202	45.218	ng	100
50) Dimethylphthalate	14.299	163	318058	41.080	ng	99
51) 2,6-Dinitrotoluene	14.428	165	69472	42.861	ng	97
52) Acenaphthene	14.922	154	238590	44.517	ng	99
53) 3-Nitroaniline	14.763	138	65137	35.755	ng	95
54) 2,4-Dinitrophenol	14.980	184	8849	13.609	ng	93
55) Dibenzofuran	15.251	168	393303	44.335	ng	99
56) 4-Nitrophenol	15.068	139	106991	85.653	ng	99
57) 2,4-Dinitrotoluene	15.215	165	98349	42.435	ng	# 96
58) Fluorene	15.897	166	307994	42.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.480	232	88154	46.129	ng	98
60) Diethylphthalate	15.650	149	324330	40.309	ng	99
61) 4-Chlorophenyl-phenyle...	15.879	204	166342	44.646	ng	98
62) 4-Nitroaniline	15.920	138	75808	39.332	ng	99
63) Azobenzene	16.173	77	274999	41.116	ng	99
65) 4,6-Dinitro-2-methylph...	15.979	198	17341	13.783	ng	98
66) n-Nitrosodiphenylamine	16.097	169	273744	47.142	ng	98
67) 4-Bromophenyl-phenylether	16.772	248	109929	47.613	ng	96
68) Hexachlorobenzene	16.902	284	124796	47.398	ng	96
69) Atrazine	17.031	200	105695	54.217	ng	99
70) Pentachlorophenol	17.248	266	80231	59.909	ng	97
71) Phenanthrene	17.636	178	526101	47.887	ng	100
72) Anthracene	17.724	178	504394	46.840	ng	99
73) Carbazole	17.989	167	459235	45.838	ng	100
74) Di-n-butylphthalate	18.517	149	553557	44.239	ng	100
75) Fluoranthene	19.628	202	614971	46.537	ng	99
77) Benzidine	19.792	184	390809	99.756	ng	99
78) Pyrene	19.986	202	616916	46.473	ng	100
80) Butylbenzylphthalate	20.838	149	246105	44.467	ng	100
81) Benzo(a)anthracene	21.843	228	592573	45.874	ng	99
82) 3,3'-Dichlorobenzidine	21.749	252	162758	36.743	ng	98
83) Chrysene	21.913	228	553404	44.906	ng	100
84) Bis(2-ethylhexyl)phtha...	21.708	149	361310	44.911	ng	99
85) Di-n-octyl phthalate	22.959	149	616938	44.756	ng	100
87) Indeno(1,2,3-cd)pyrene	29.140	276	748757	44.351	ng	100
88) Benzo(b)fluoranthene	24.164	252	640395	47.947	ng	100
89) Benzo(k)fluoranthene	24.234	252	608791	45.357	ng	99
90) Benzo(a)pyrene	25.086	252	566411	49.045	ng	99
91) Dibenzo(a,h)anthracene	29.193	278	635655	45.637	ng	99
92) Benzo(g,h,i)perylene	30.356	276	629109	45.414	ng	99

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

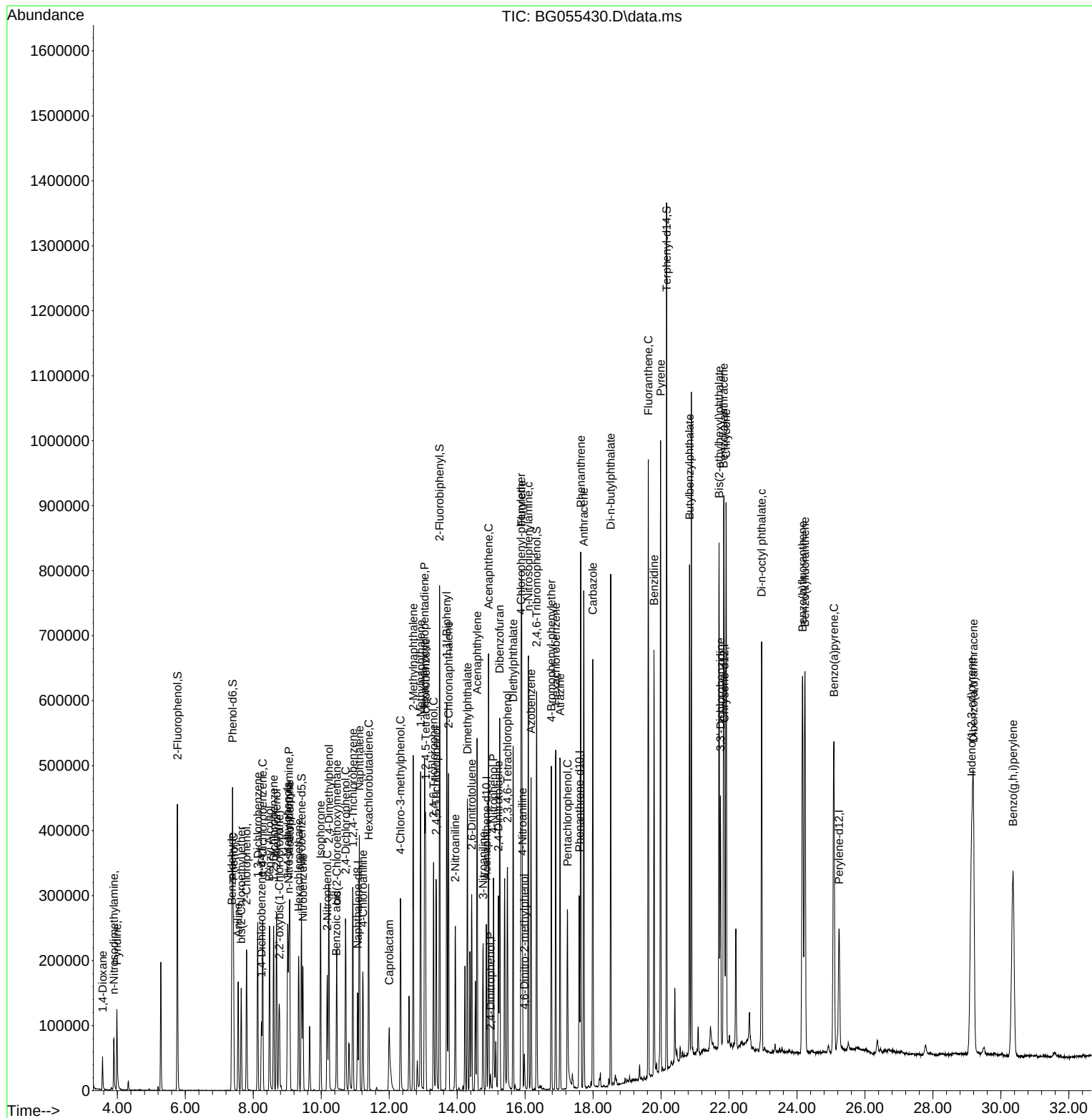
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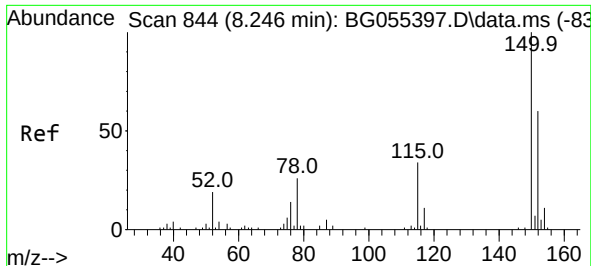
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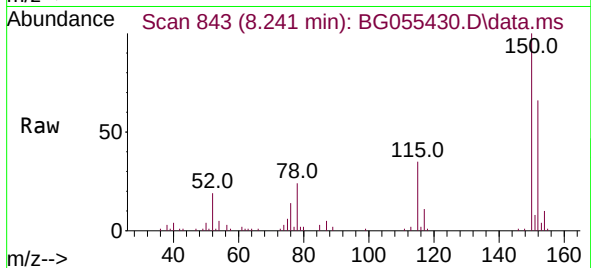
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

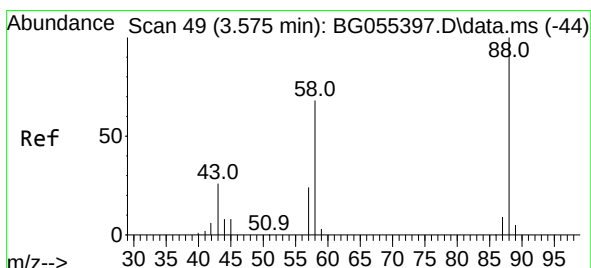
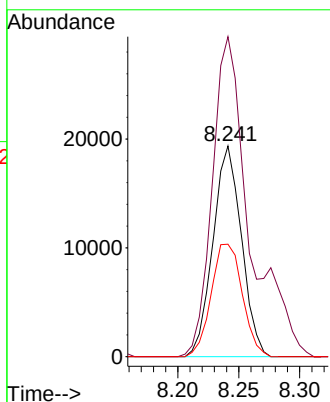
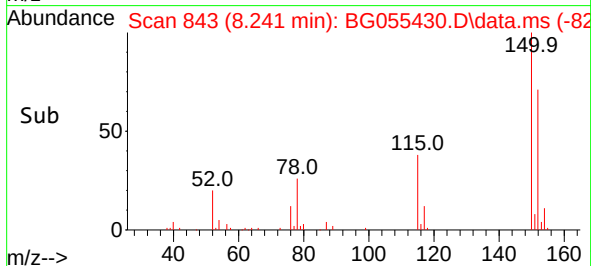
Instrument :
BNA_G
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Tgt Ion:152 Resp: 31499
Ion Ratio Lower Upper
152 100
150 151.9 132.8 199.2
115 53.4 45.1 67.7

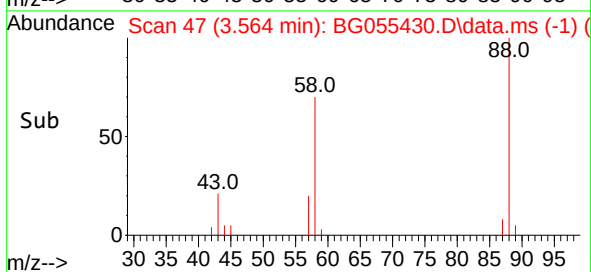
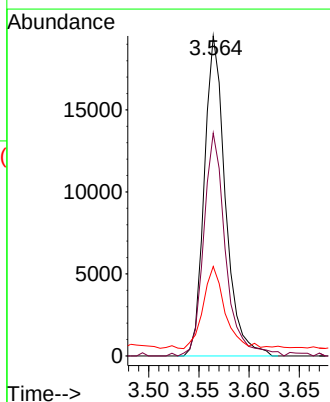
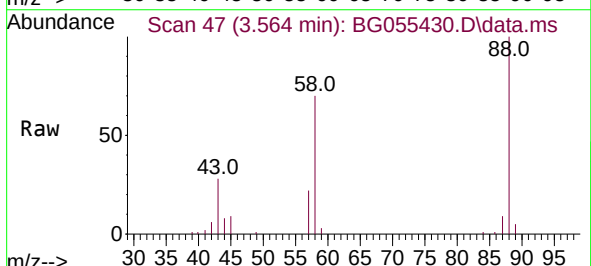
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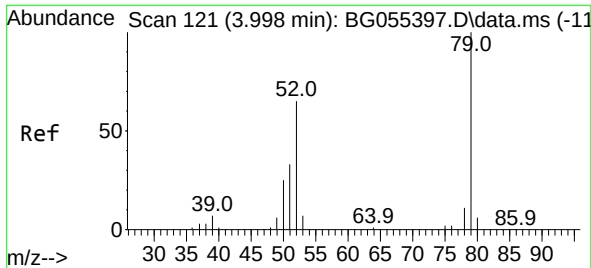
Reviewed By :Christian Giraldo 11/07/2022
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#2
1,4-Dioxane
Concen: 35.814 ng
RT: 3.564 min Scan# 47
Delta R.T. -0.011 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion: 88 Resp: 28492
Ion Ratio Lower Upper
88 100
58 72.0 55.7 83.5
43 26.6 20.7 31.1





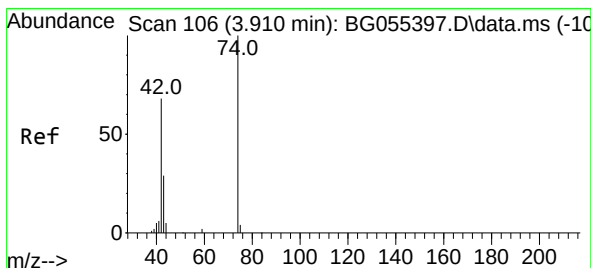
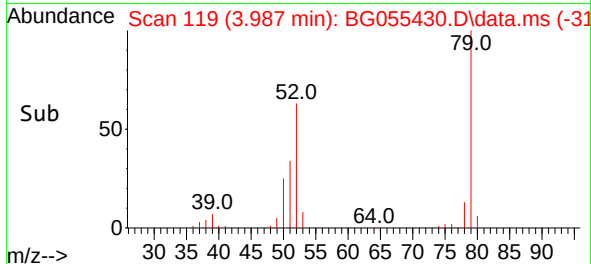
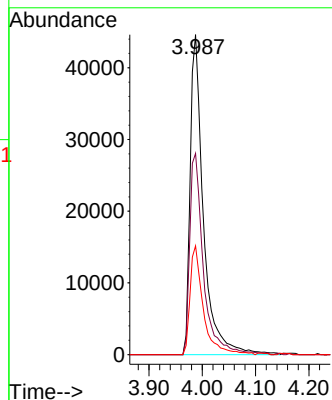
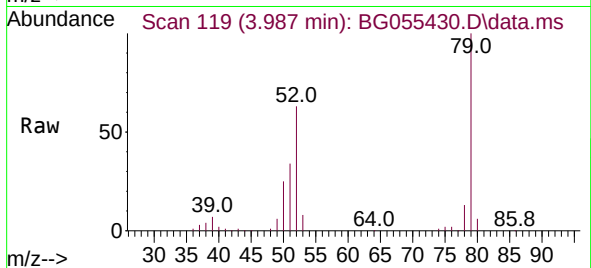
#3
Pyridine
Concen: 32.706 ng
RT: 3.987 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

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S-7-103122MSD

Tgt Ion: 79 Resp: 77219
Ion Ratio Lower Upper
79 100
52 62.9 51.8 77.6
51 34.0 26.6 40.0

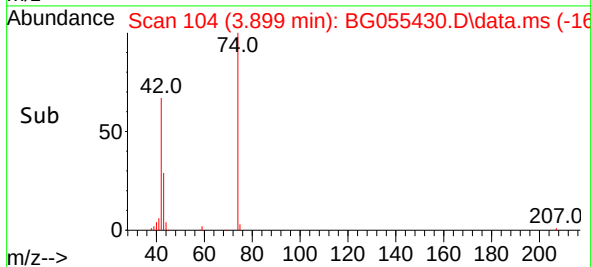
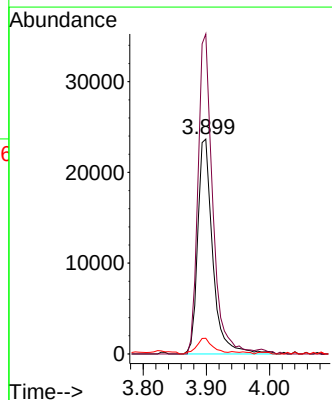
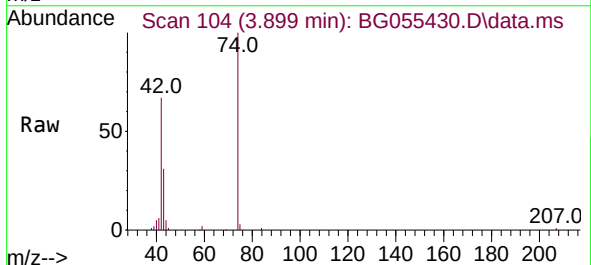
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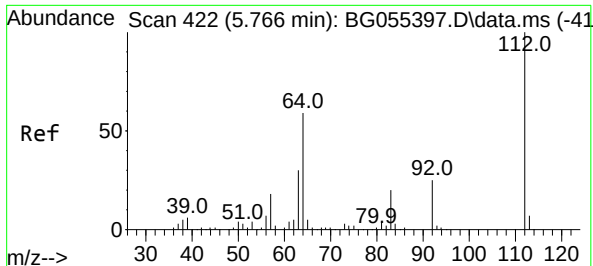
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#4
n-Nitrosodimethylamine
Concen: 41.856 ng
RT: 3.899 min Scan# 104
Delta R.T. -0.011 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion: 42 Resp: 39040
Ion Ratio Lower Upper
42 100
74 148.9 118.1 177.1
44 7.2 5.4 8.0





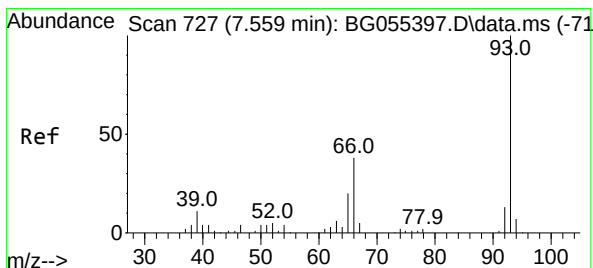
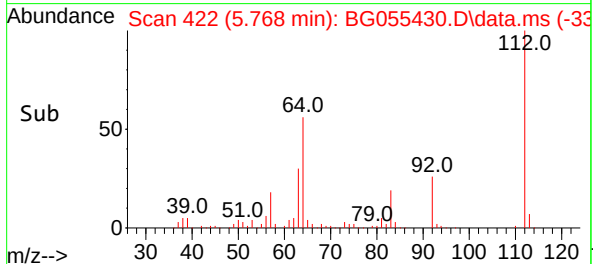
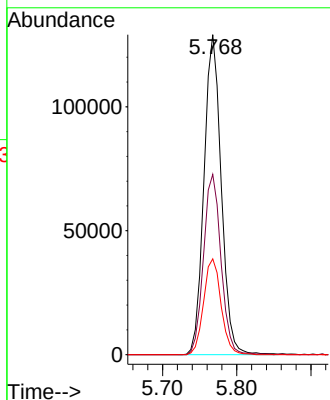
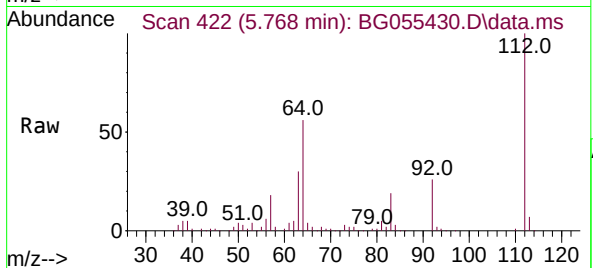
#5
2-Fluorophenol
Concen: 118.986 ng
RT: 5.768 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG055430.D
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Tgt Ion:112 Resp: 208700
Ion Ratio Lower Upper
112 100
64 56.3 47.2 70.8
63 29.9 24.3 36.5

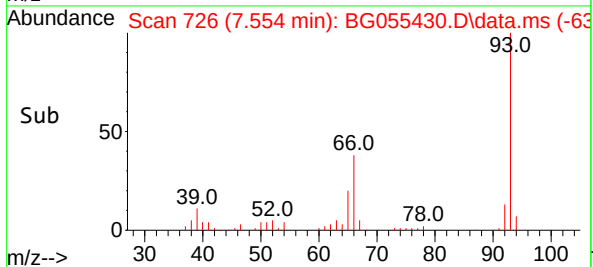
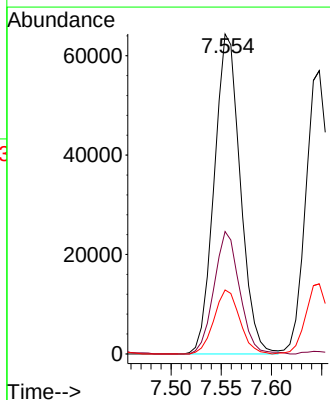
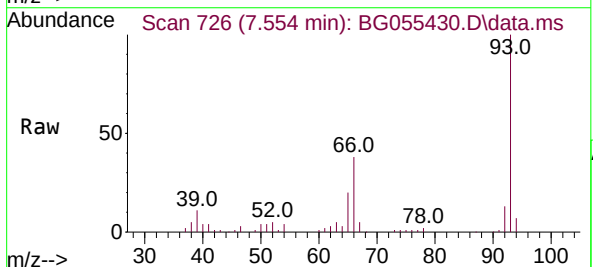
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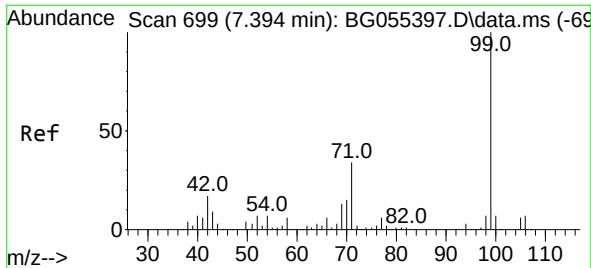
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#6
Aniline
Concen: 36.910 ng
RT: 7.554 min Scan# 726
Delta R.T. -0.005 min
Lab File: BG055430.D
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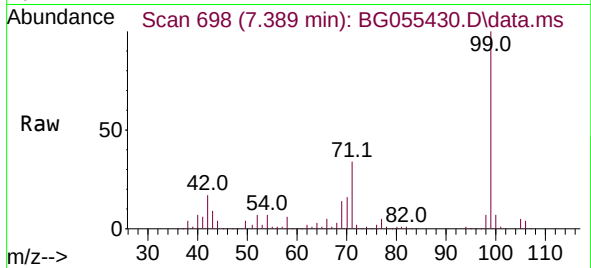
Tgt Ion: 93 Resp: 116442
Ion Ratio Lower Upper
93 100
66 38.2 30.6 45.8
65 20.0 16.4 24.6





#7
Phenol-d6
Concen: 111.721 ng
RT: 7.389 min Scan# 699
Delta R.T. -0.005 min
Lab File: BG055430.D
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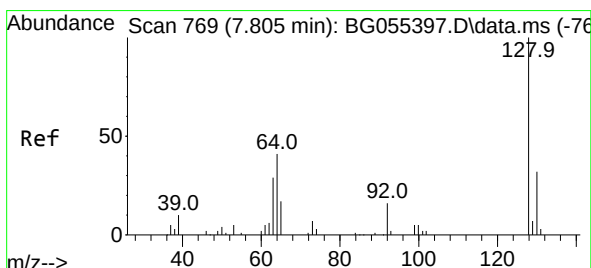
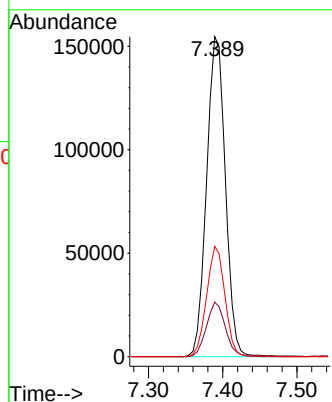
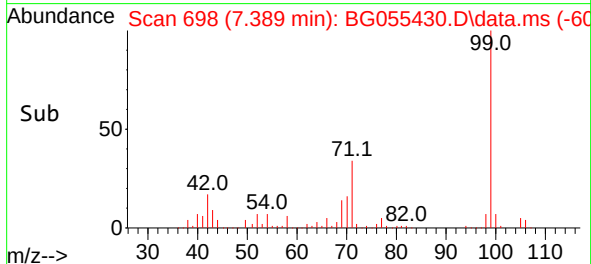
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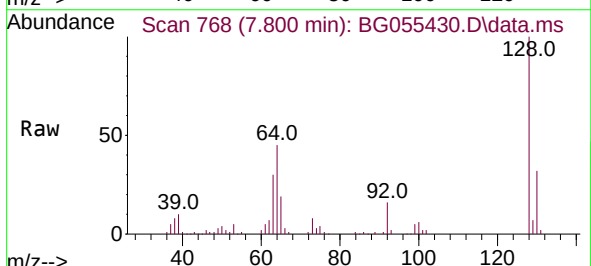
Tgt Ion: 99 Resp: 271743
Ion Ratio Lower Upper
99 100
42 17.0 13.5 20.3
71 34.4 27.4 41.0

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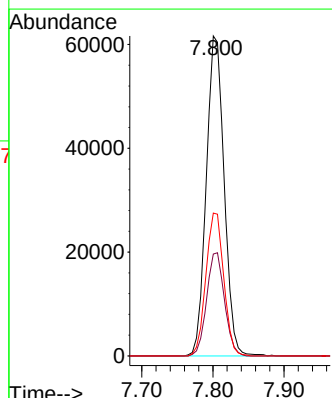
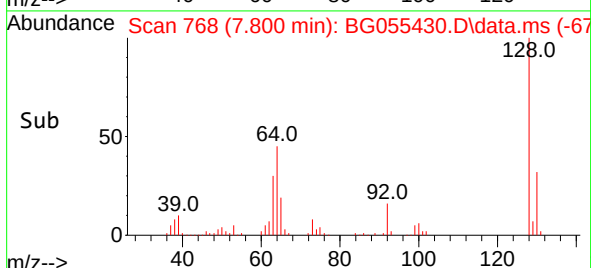
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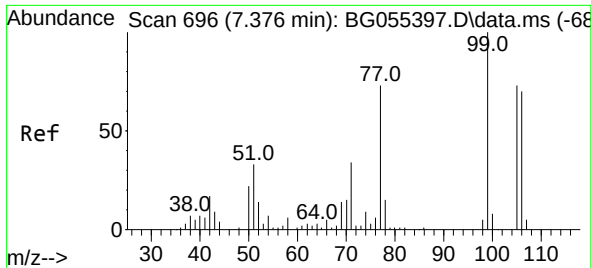


#8
2-Chlorophenol
Concen: 50.507 ng
RT: 7.800 min Scan# 768
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



Tgt Ion:128 Resp: 107637
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 44.6 25.3 65.3





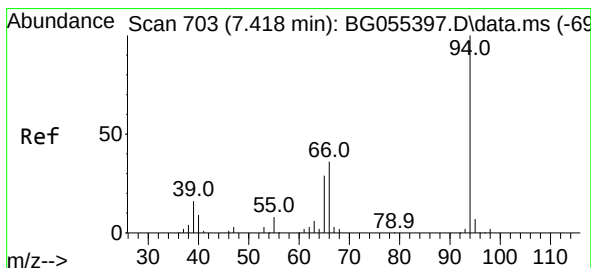
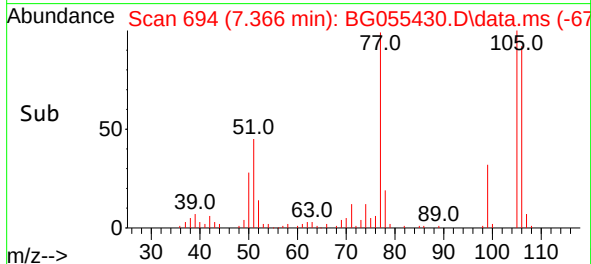
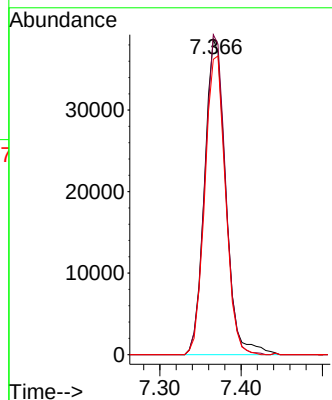
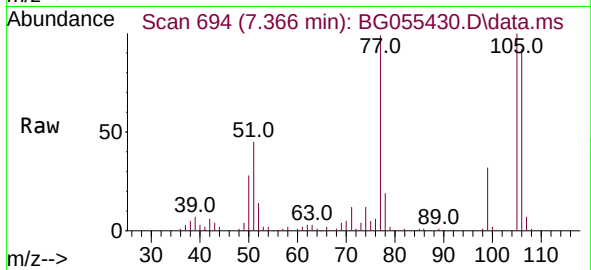
#9
Benzaldehyde
Concen: 49.029 ng
RT: 7.366 min Scan# 696
Delta R.T. -0.011 min
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Tgt Ion: 77 Resp: 7011
Ion Ratio Lower Upper
77 100
105 101.5 79.7 119.7
106 93.7 75.4 115.4

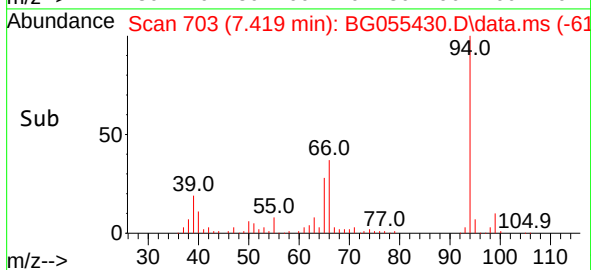
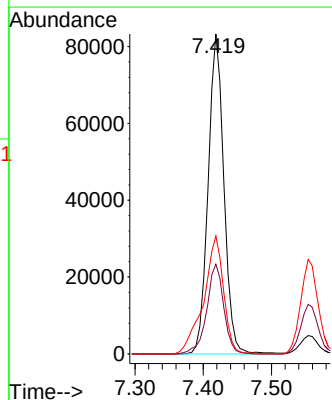
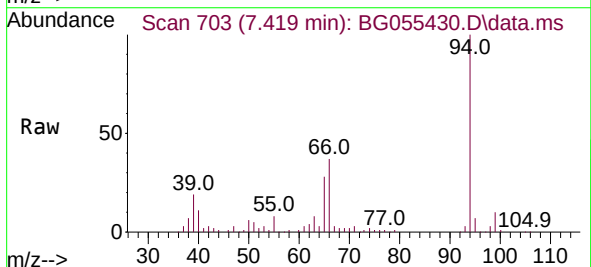
Manual Integrations
APPROVED

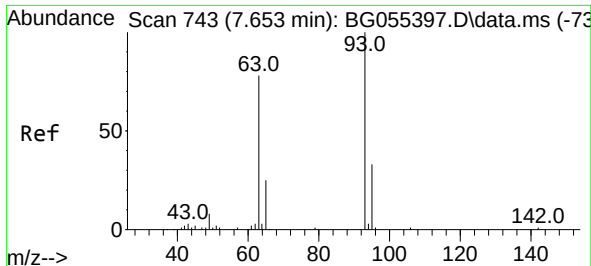
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#10
Phenol
Concen: 48.427 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion: 94 Resp: 133322
Ion Ratio Lower Upper
94 100
65 28.0 9.0 49.0
66 36.8 17.6 57.6





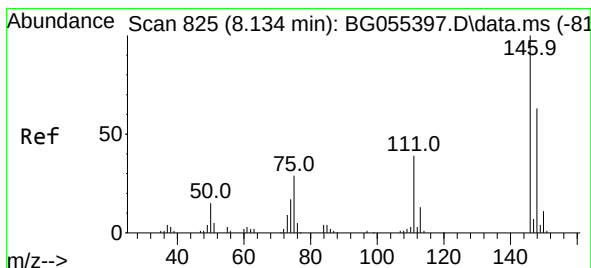
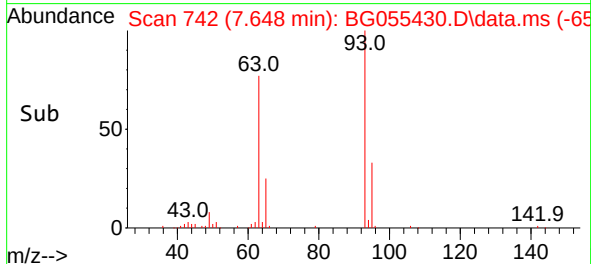
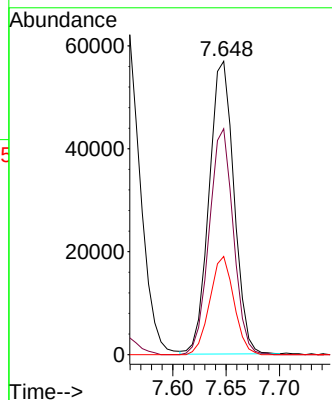
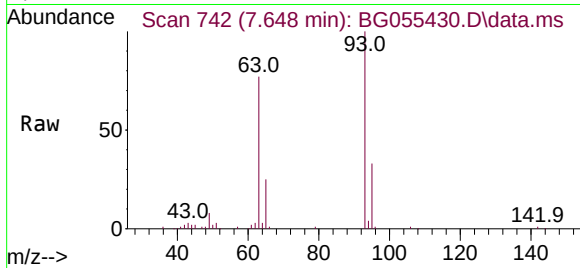
#11
bis(2-Chloroethyl)ether
Concen: 44.856 ng
RT: 7.648 min Scan# 743
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD

Tgt Ion: 93 Resp: 92396
Ion Ratio Lower Upper
93 100
63 77.0 57.4 97.4
95 33.5 12.5 52.5

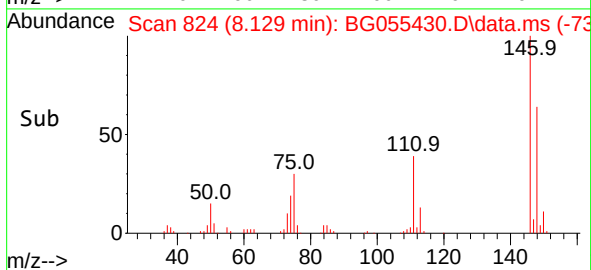
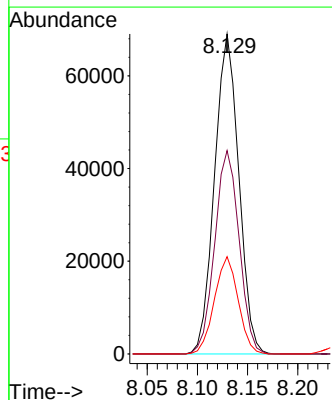
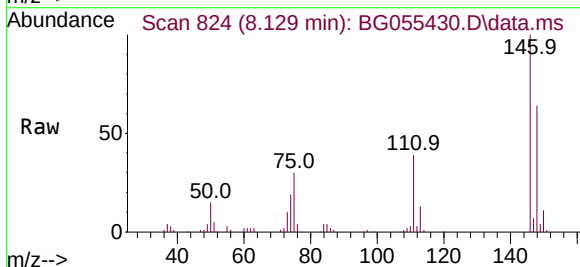
Manual Integrations
APPROVED

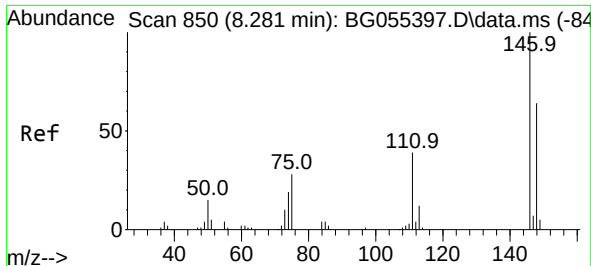
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#12
1,3-Dichlorobenzene
Concen: 48.025 ng
RT: 8.129 min Scan# 824
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:146 Resp: 116007
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 30.4 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 47.796 ng

RT: 8.276 min Scan# 84

Delta R.T. -0.005 min

Lab File: BG055430.D

Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

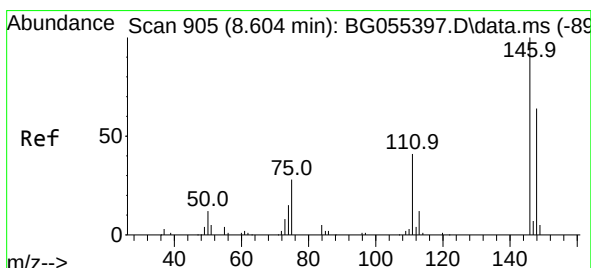
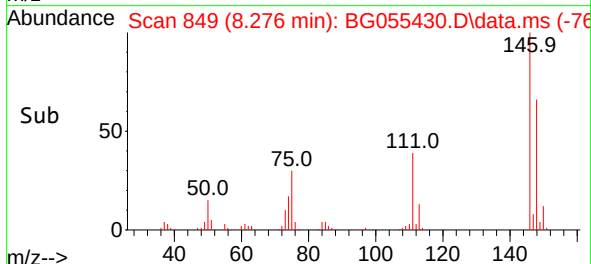
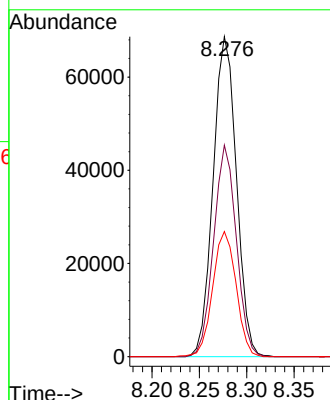
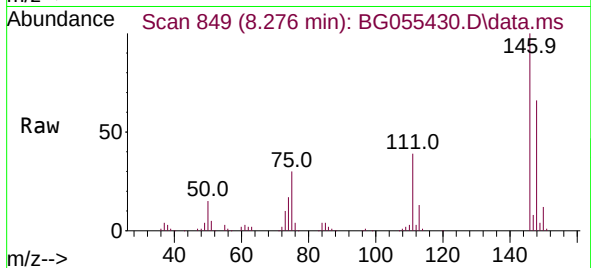
S-7-103122MSD

Tgt Ion:146 Resp: 117590
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.1 76.7
 111 39.1 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#14

1,2-Dichlorobenzene

Concen: 48.879 ng

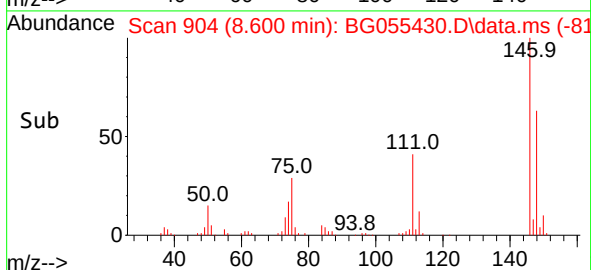
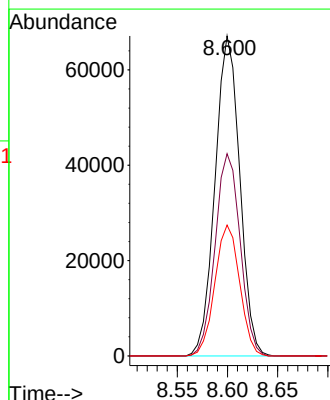
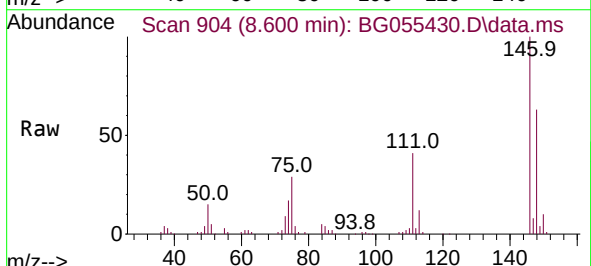
RT: 8.600 min Scan# 904

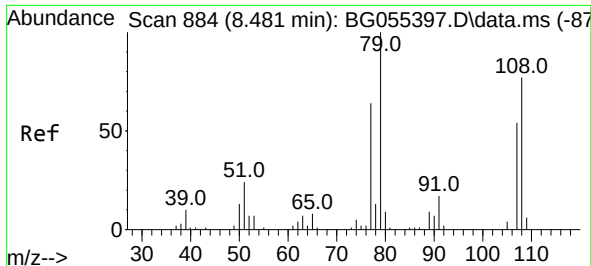
Delta R.T. -0.005 min

Lab File: BG055430.D

Acq: 3 Nov 2022 1:25

Tgt Ion:146 Resp: 115104
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.2
 111 40.9 33.2 49.8





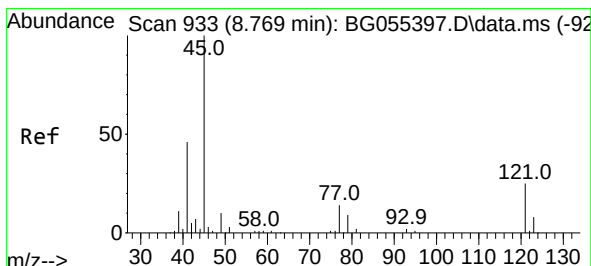
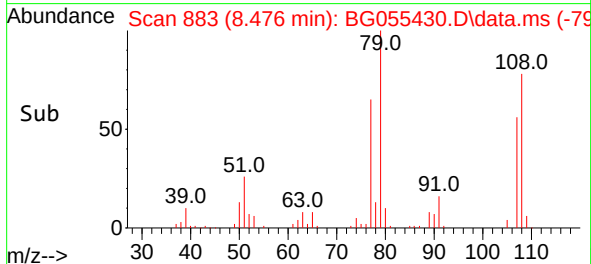
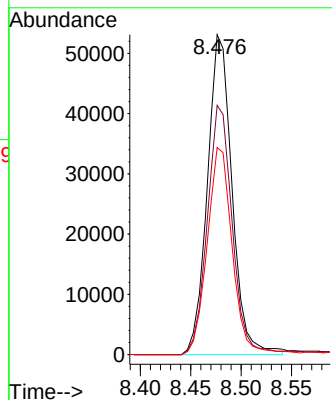
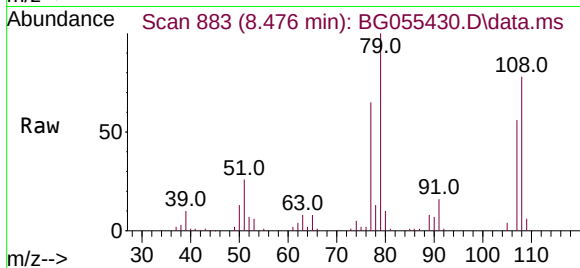
#15
Benzyl Alcohol
Concen: 46.694 ng m
RT: 8.476 min Scan# 884
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD

Tgt Ion: 79 Resp: 90583
Ion Ratio Lower Upper
79 100
108 77.9 61.6 92.4
77 64.7 51.4 77.0

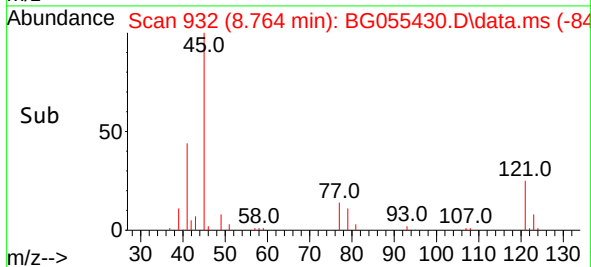
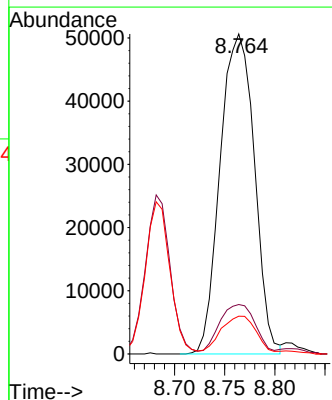
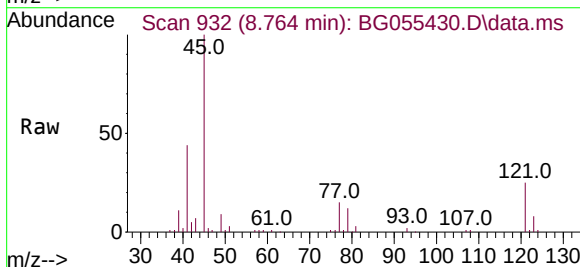
Manual Integrations
APPROVED

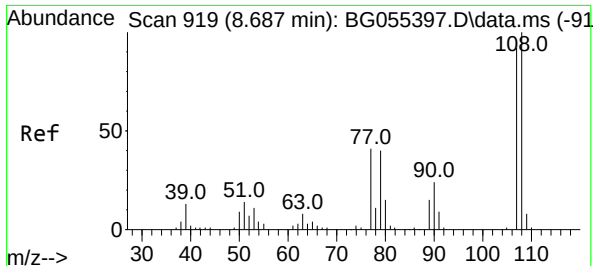
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.873 ng
RT: 8.764 min Scan# 932
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

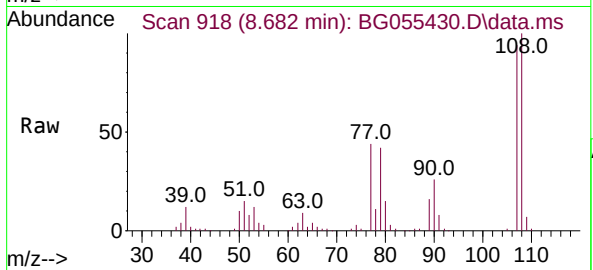
Tgt Ion: 45 Resp: 120230
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.6
79 11.8 0.0 31.3





#17
2-Methylphenol
Concen: 47.113 ng
RT: 8.682 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

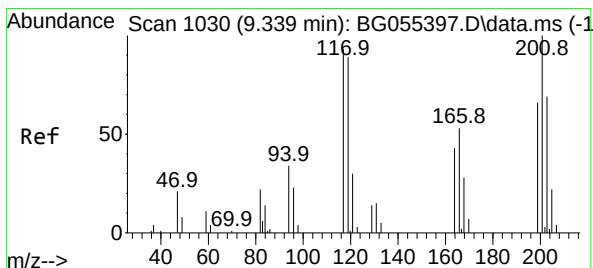
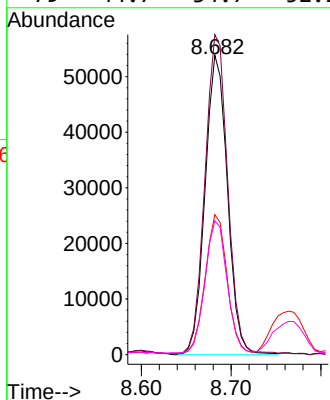
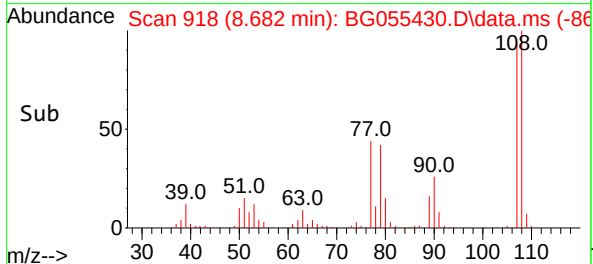
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



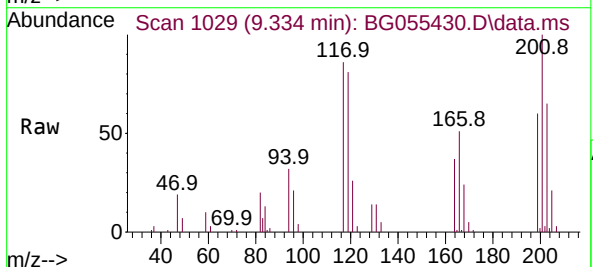
Tgt Ion:	107	Resp:	93325
Ion	Ratio	Lower	Upper
107	100		
108	106.9	86.9	130.3
77	46.7	36.1	54.1
79	44.7	34.7	52.1

Manual Integrations
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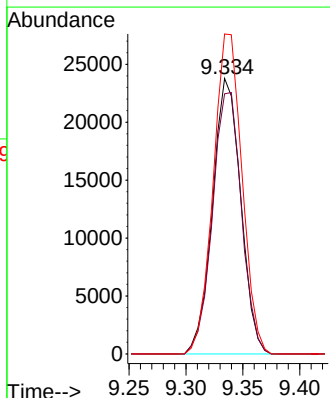
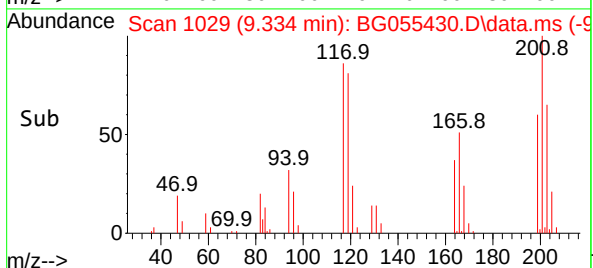
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

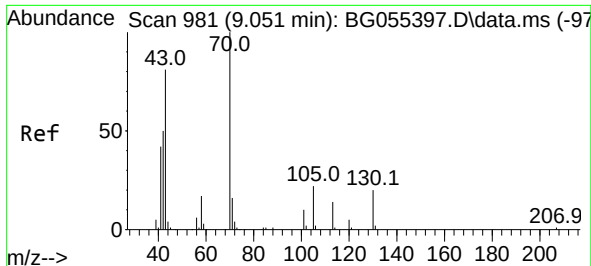


#18
Hexachloroethane
Concen: 48.802 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



Tgt Ion:	117	Resp:	40958
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
201	116.1	86.1	129.1





#19

n-Nitroso-di-n-propylamine

Concen: 41.350 ng

RT: 9.046 min Scan# 981

Delta R.T. -0.005 min

Lab File: BG055430.D

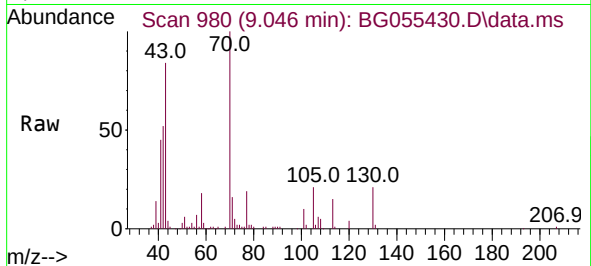
Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

S-7-103122MSD



Tgt Ion: 70 Resp: 7859

Ion Ratio Lower Upper

70 100

42 52.3 40.6 61.0

101 9.8 7.8 11.6

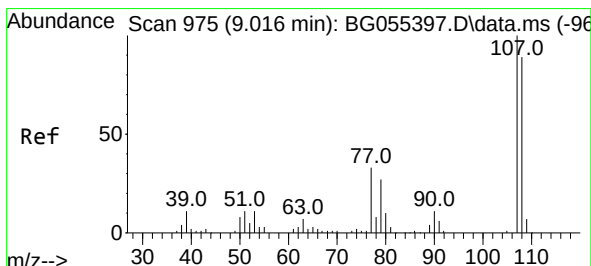
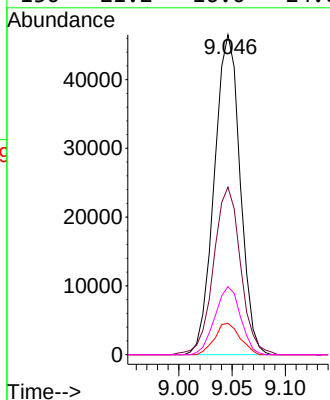
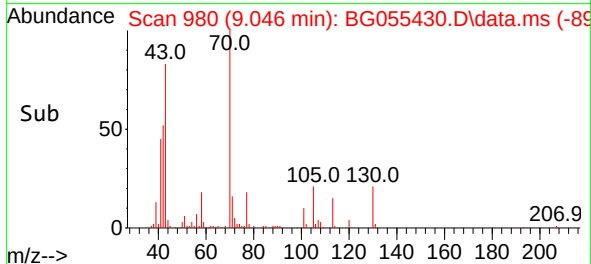
130 21.2 16.0 24.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022

Supervised By :mohammad ahmed 11/08/2022



#20

3+4-Methylphenols

Concen: 46.310 ng

RT: 9.011 min Scan# 974

Delta R.T. -0.005 min

Lab File: BG055430.D

Acq: 3 Nov 2022 1:25

Tgt Ion:107 Resp: 130342

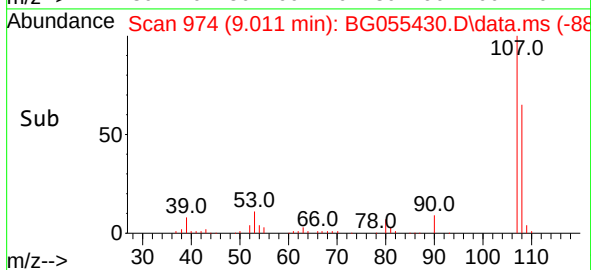
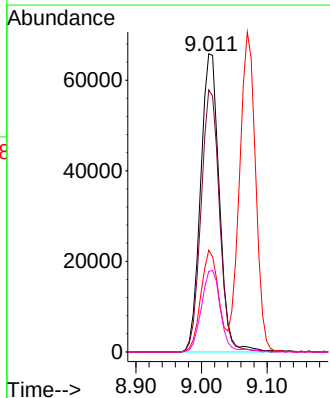
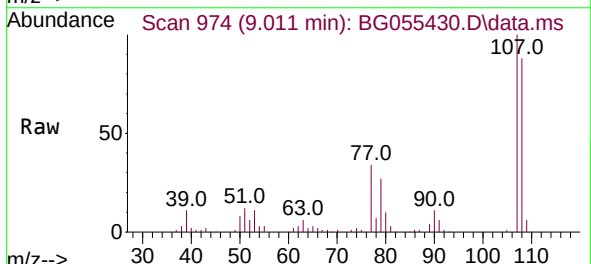
Ion Ratio Lower Upper

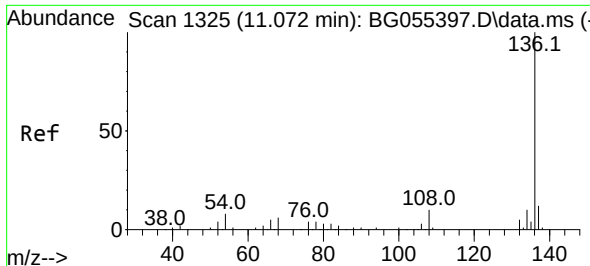
107 100

108 87.9 69.1 109.1

77 34.1 12.8 52.8

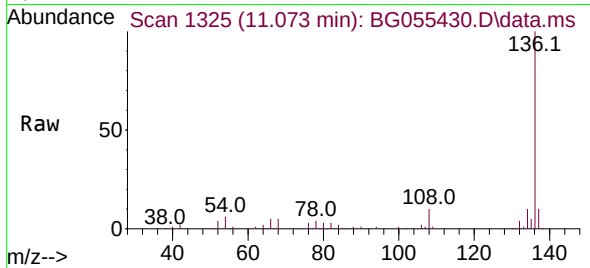
79 27.0 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

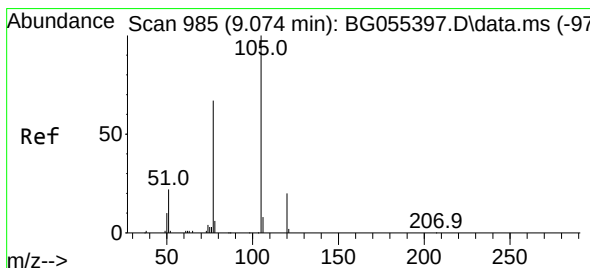
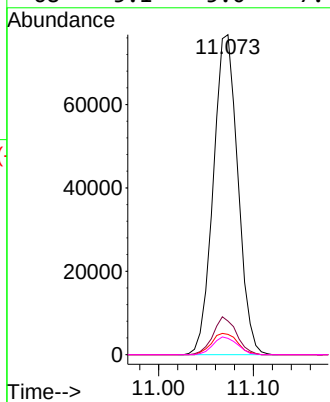
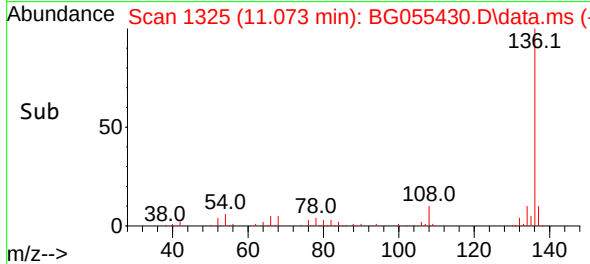
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:136 Resp: 137954
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 6.3 6.1 9.1
68 5.1 5.0 7.4

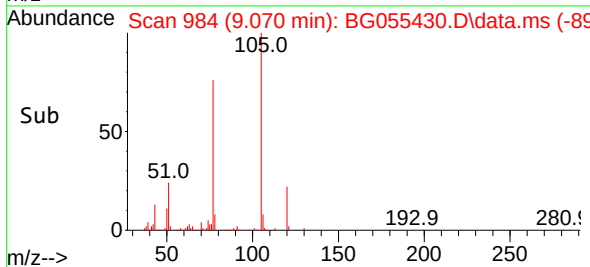
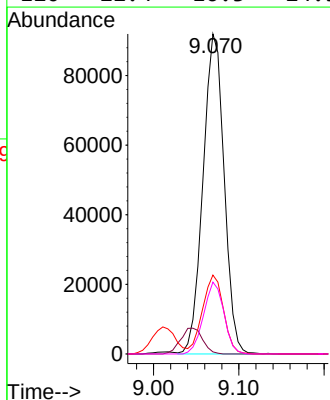
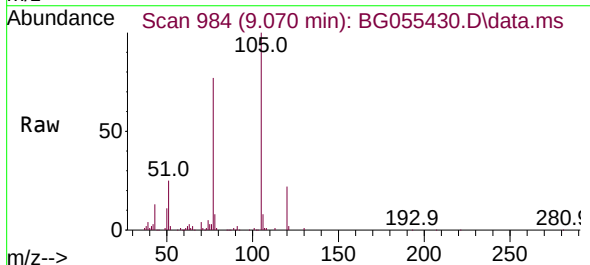
Manual Integrations
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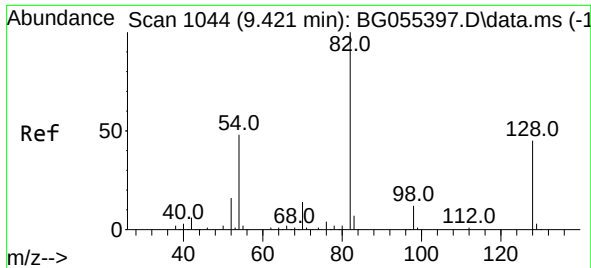
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#22
Acetophenone
Concen: 43.802 ng
RT: 9.070 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:105 Resp: 158383
Ion Ratio Lower Upper
105 100
71 0.6 0.5 0.7
51 24.6 19.6 29.4
120 22.4 16.3 24.5





#23
Nitrobenzene-d5
Concen: 63.805 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

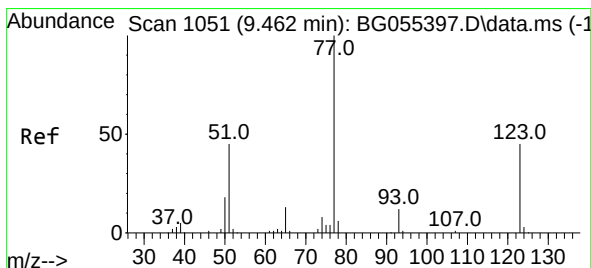
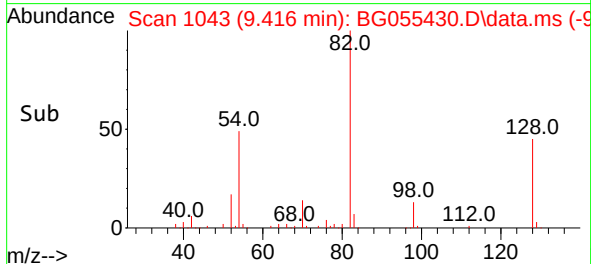
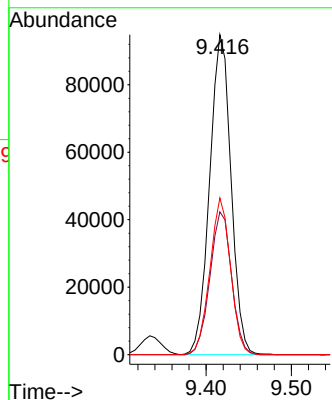
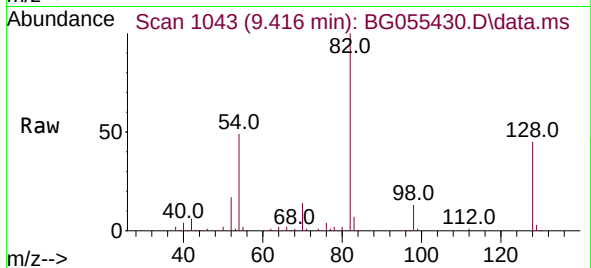
S-7-103122MSD

Tgt Ion: 82 Resp: 165159
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.8
54 49.0 38.1 57.1

Manual Integrations

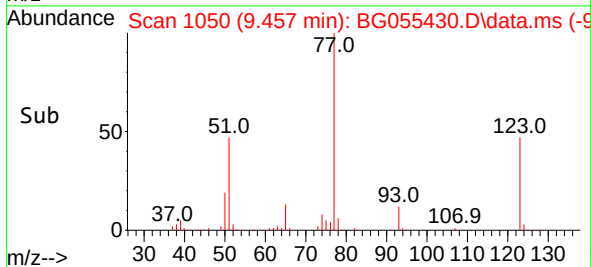
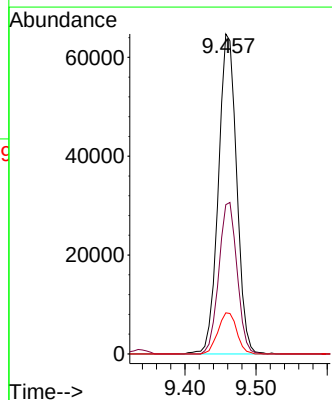
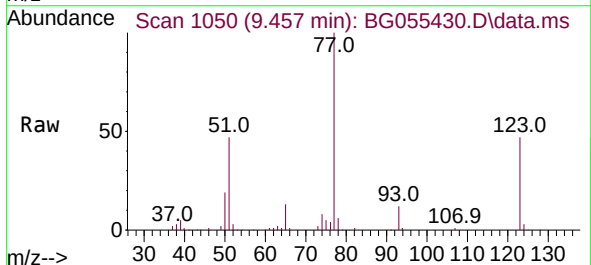
APPROVED

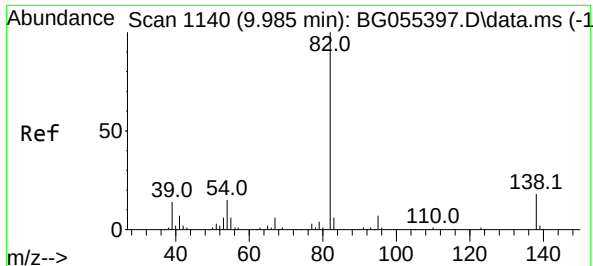
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#24
Nitrobenzene
Concen: 42.906 ng
RT: 9.457 min Scan# 1050
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

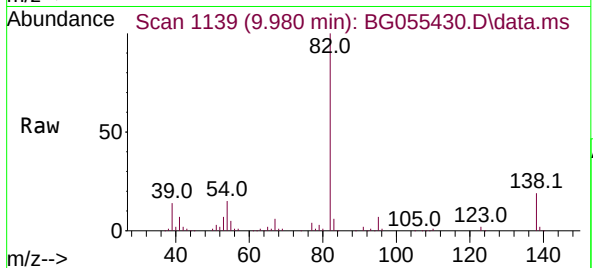
Tgt Ion: 77 Resp: 115793
Ion Ratio Lower Upper
77 100
123 46.6 35.8 53.8
65 12.8 10.2 15.4





#25
Isophorone
Concen: 42.501 ng
RT: 9.980 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

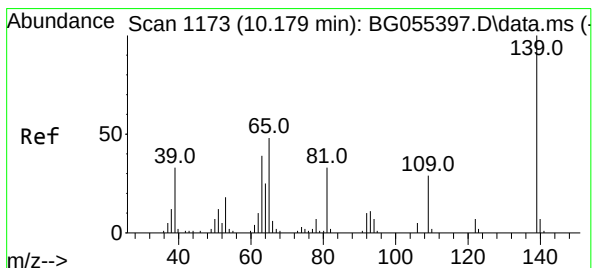
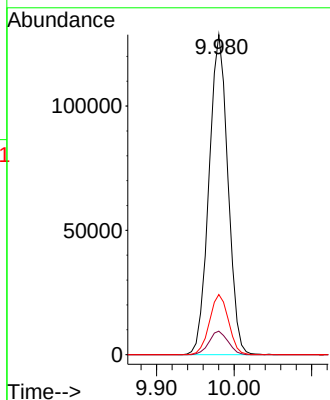
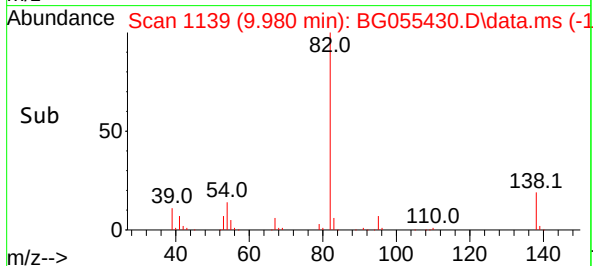
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion: 82 Resp: 217875
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.8 14.6 21.8

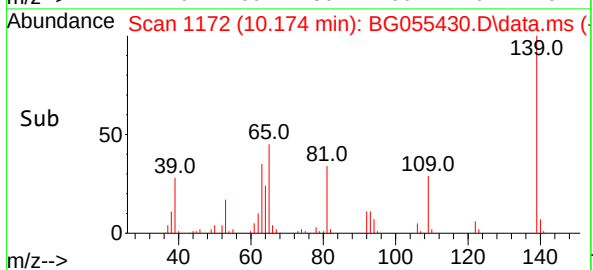
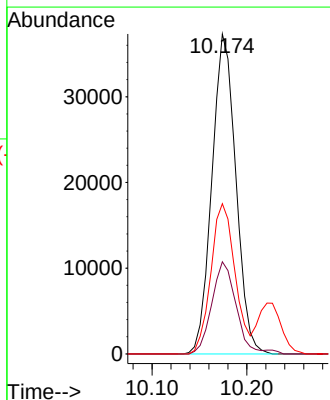
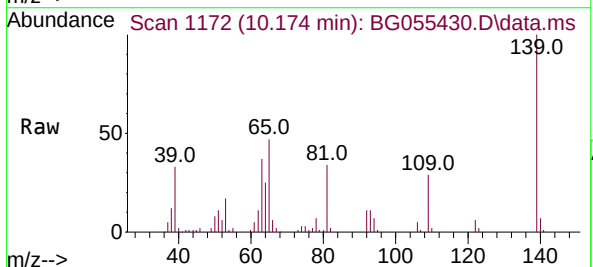
Manual Integrations
APPROVED

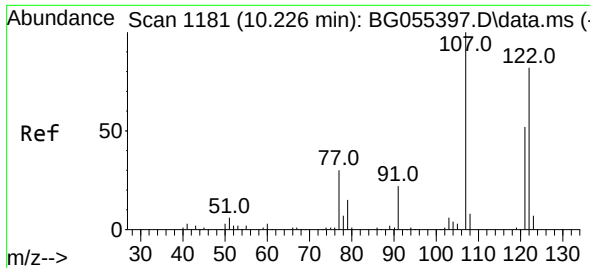
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#26
2-Nitrophenol
Concen: 47.068 ng
RT: 10.174 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:139 Resp: 65407
Ion Ratio Lower Upper
139 100
109 28.8 22.9 34.3
65 46.9 38.7 58.1





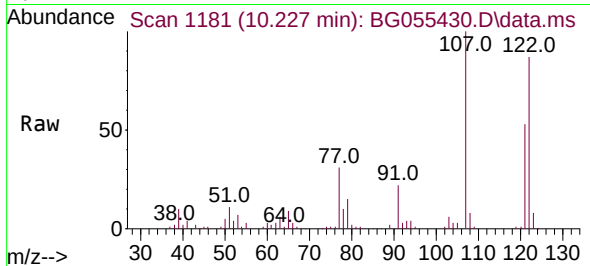
#27
2,4-Dimethylphenol
Concen: 53.591 ng
RT: 10.227 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

S-7-103122MSD

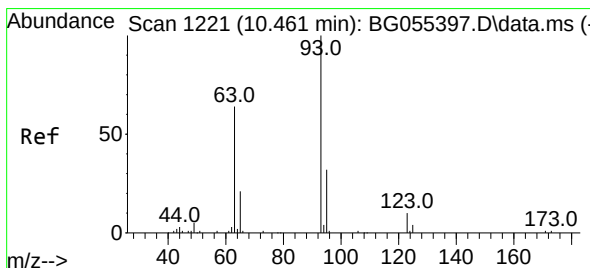
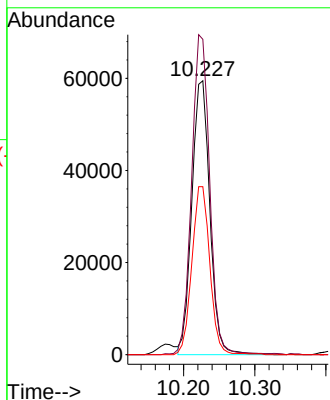
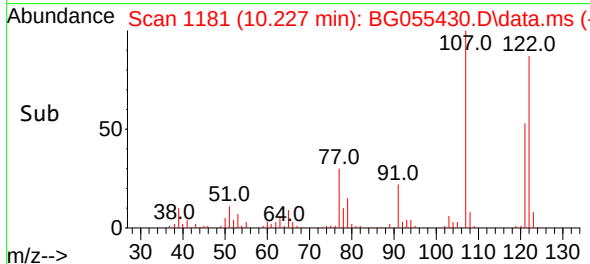


Tgt Ion:122 Resp: 104421
Ion Ratio Lower Upper
122 100
107 115.1 95.4 143.2
121 61.3 49.5 74.3

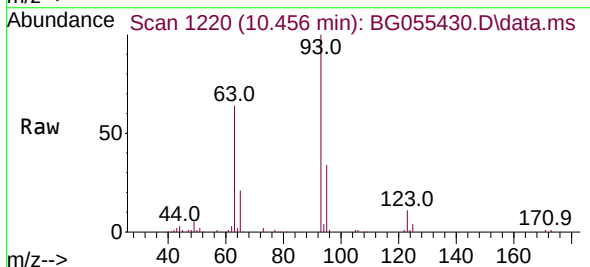
Manual Integrations

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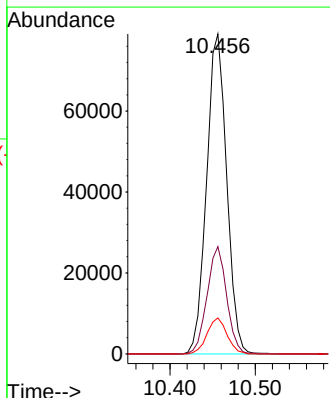
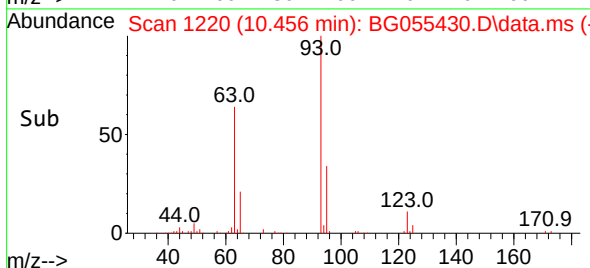
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

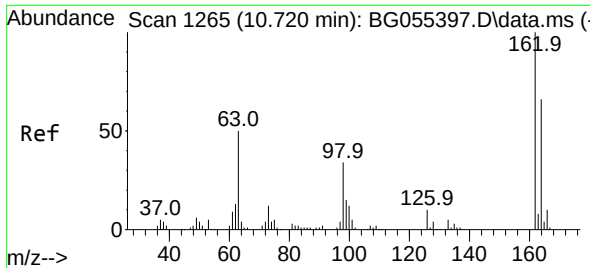


#28
bis(2-Chloroethoxy)methane
Concen: 47.343 ng
RT: 10.456 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



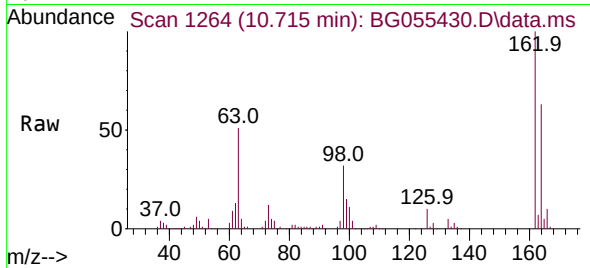
Tgt Ion: 93 Resp: 129269
Ion Ratio Lower Upper
93 100
95 33.5 25.7 38.5
123 11.2 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 47.143 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

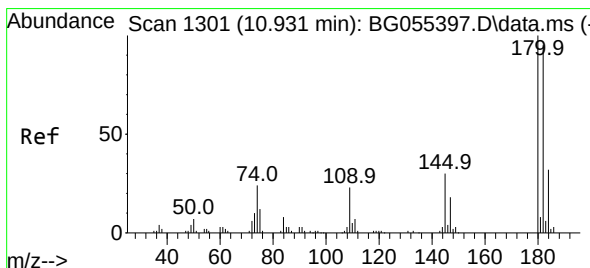
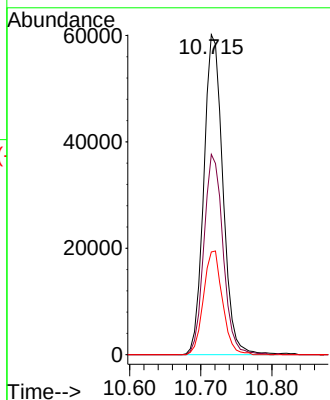
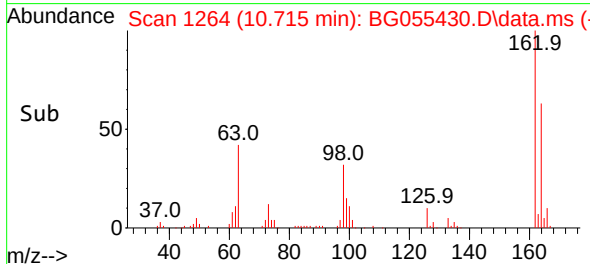
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:162 Resp: 112052
Ion Ratio Lower Upper
162 100
164 62.6 46.1 86.1
98 32.1 13.8 53.8

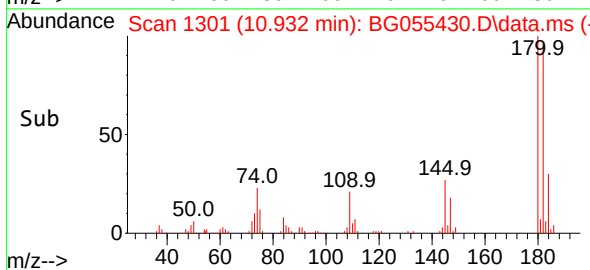
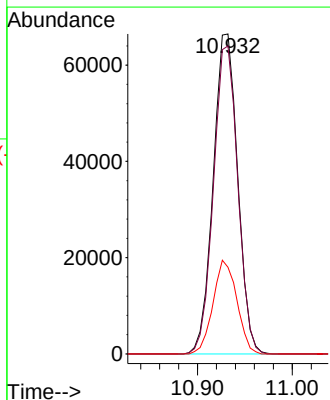
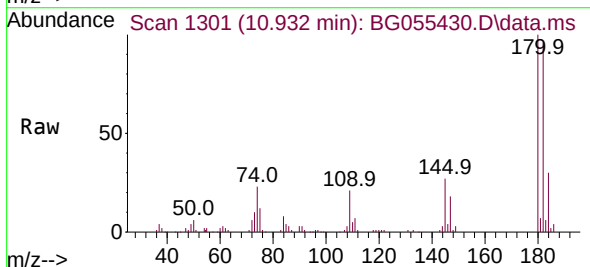
Manual Integrations
APPROVED

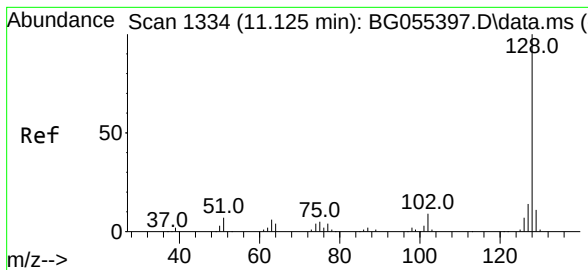
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#30
1,2,4-Trichlorobenzene
Concen: 46.280 ng
RT: 10.932 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

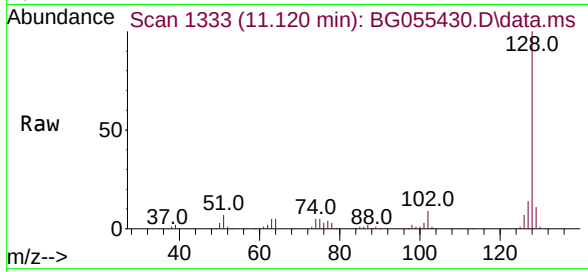
Tgt Ion:180 Resp: 119114
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 27.1 23.9 35.9





#31
Naphthalene
Concen: 44.287 ng
RT: 11.120 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

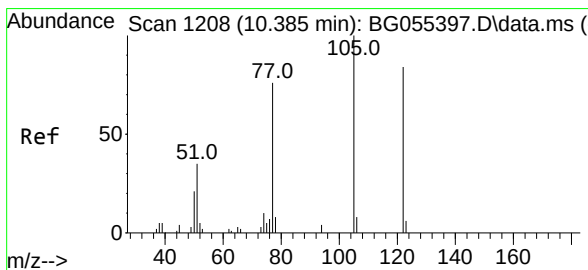
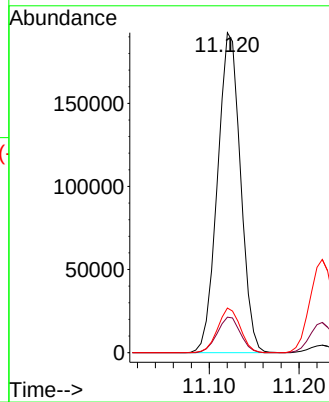
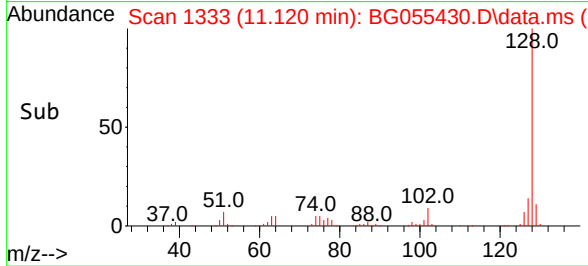
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:128 Resp: 343986
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.9 10.8 16.2

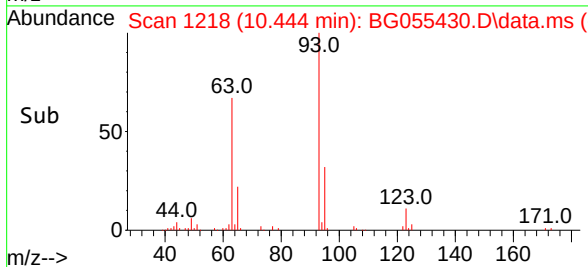
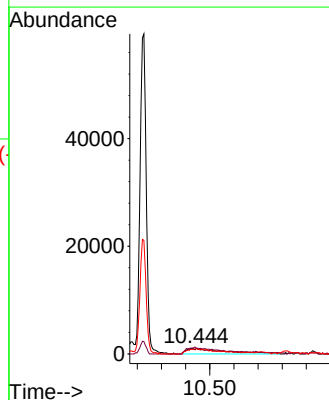
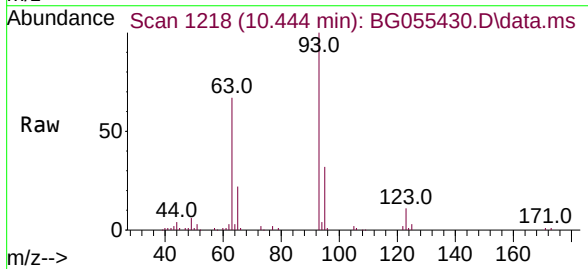
Manual Integrations
APPROVED

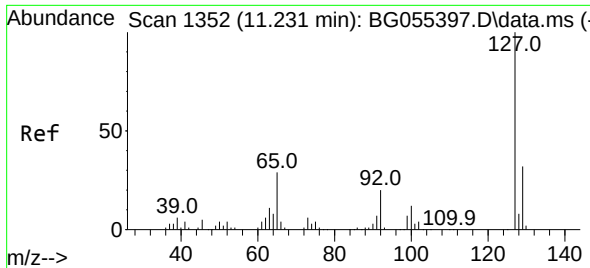
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#32
Benzoic acid
Concen: 14.518 ng m
RT: 10.444 min Scan# 1218
Delta R.T. 0.059 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:122 Resp: 11403
Ion Ratio Lower Upper
122 100
105 101.6 97.4 137.4
77 93.8 69.5 109.5





#33
4-Chloroaniline
Concen: 32.664 ng
RT: 11.226 min Scan# 1351
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

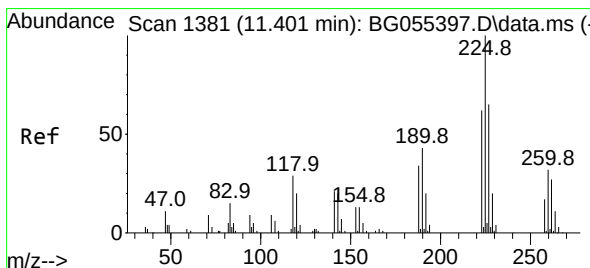
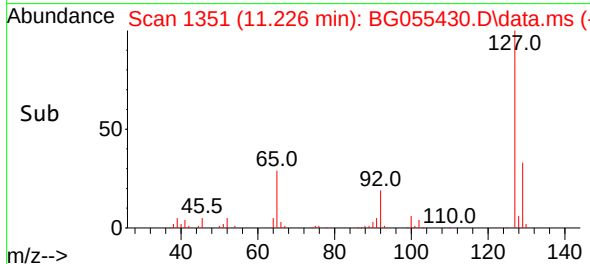
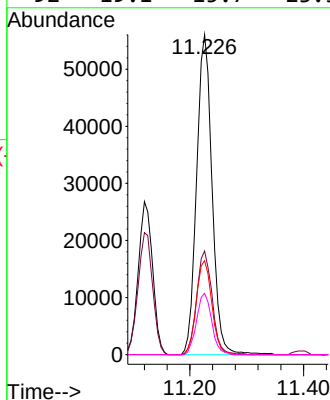
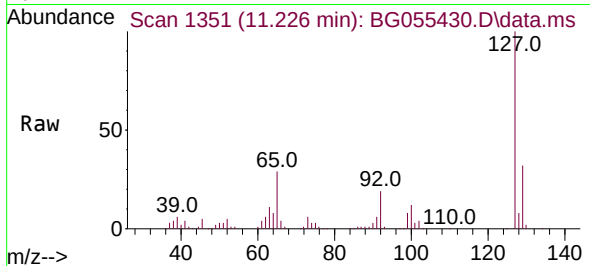
ClientSampleId :

S-7-103122MSD

Tgt Ion:127 Resp: 105418
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9
65 29.3 23.0 34.4
92 19.1 15.7 23.5

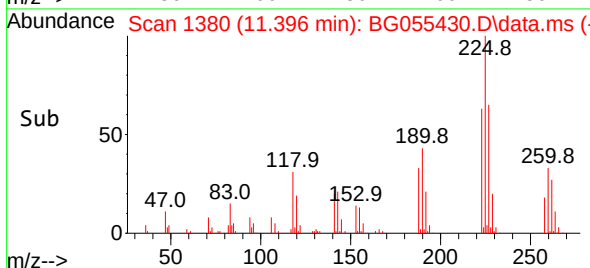
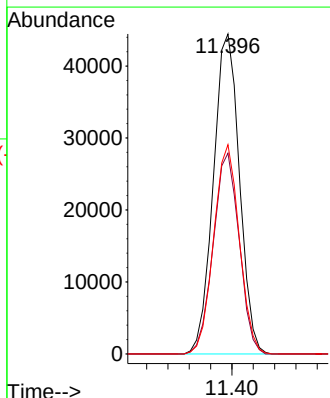
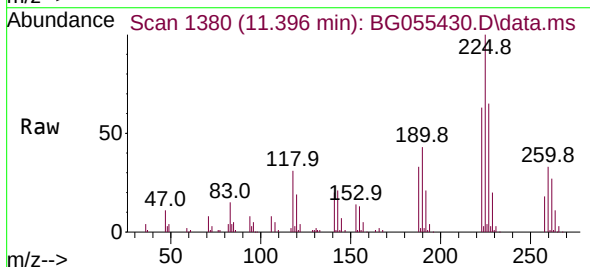
Manual Integrations
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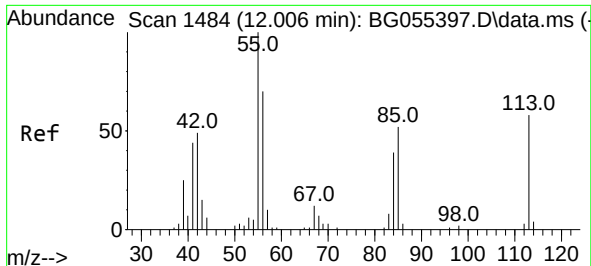
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#34
Hexachlorobutadiene
Concen: 47.232 ng
RT: 11.396 min Scan# 1380
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:225 Resp: 75563
Ion Ratio Lower Upper
225 100
223 62.7 49.9 74.9
227 65.4 51.9 77.9





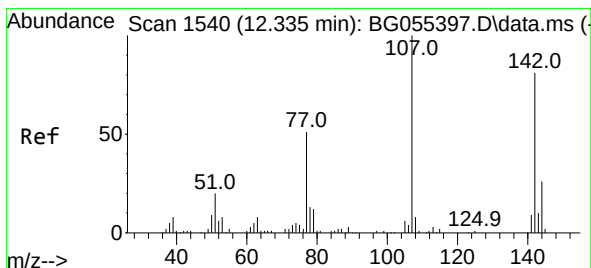
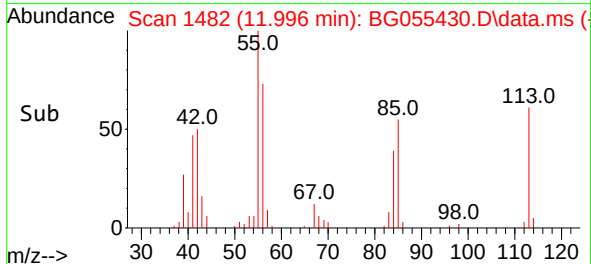
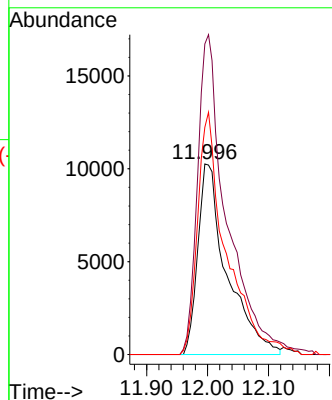
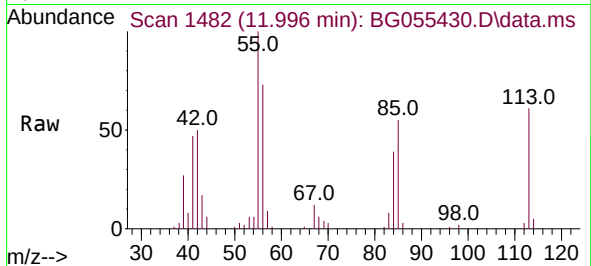
#35
 Caprolactam
 Concen: 38.798 ng
 RT: 11.996 min Scan# 1484
 Delta R.T. -0.011 min
 Lab File: BG055430.D
 Acq: 3 Nov 2022 1:25

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122MSD

Tgt Ion:113 Resp: 34143
 Ion Ratio Lower Upper
 113 100
 55 163.0 152.6 192.6
 56 119.3 100.5 140.5

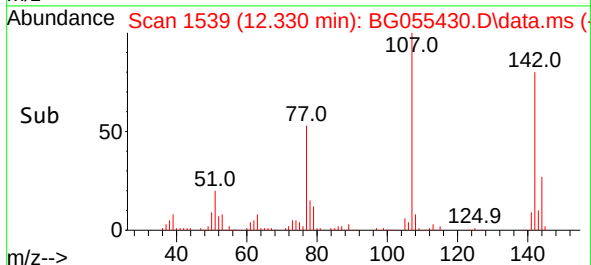
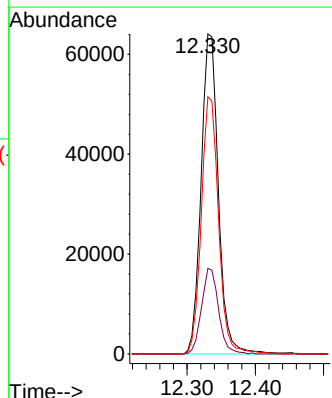
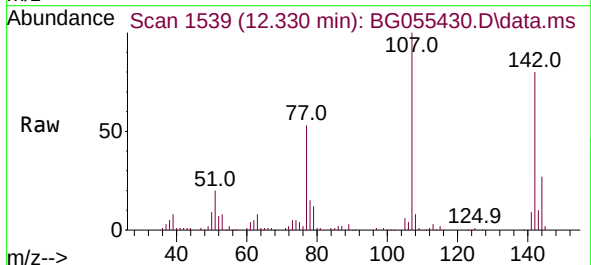
Manual Integrations
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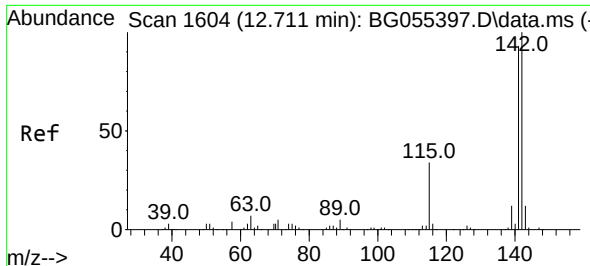
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.364 ng
 RT: 12.330 min Scan# 1539
 Delta R.T. -0.005 min
 Lab File: BG055430.D
 Acq: 3 Nov 2022 1:25

Tgt Ion:107 Resp: 112855
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.6 31.0
 142 80.3 64.7 97.1





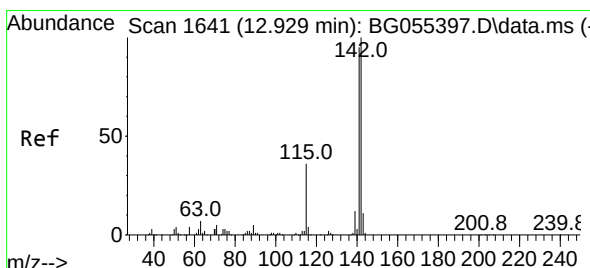
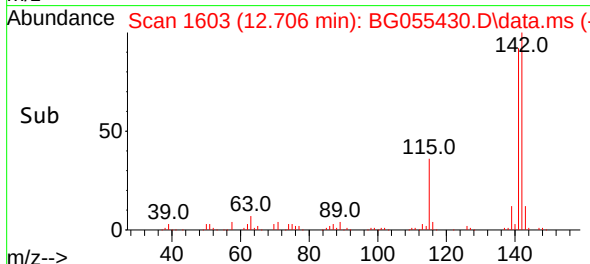
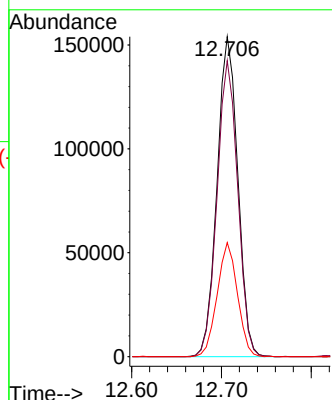
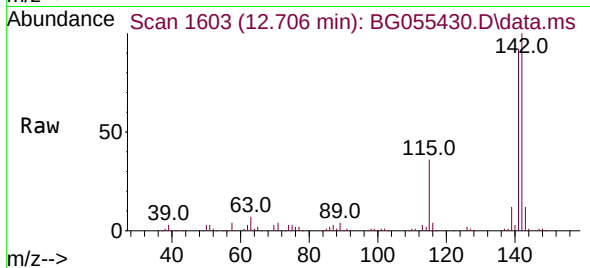
#37
2-Methylnaphthalene
Concen: 43.483 ng
RT: 12.706 min Scan# 1603
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD

Tgt Ion:142 Resp: 248083
Ion Ratio Lower Upper
142 100
141 92.5 74.5 111.7
115 35.6 27.4 41.2

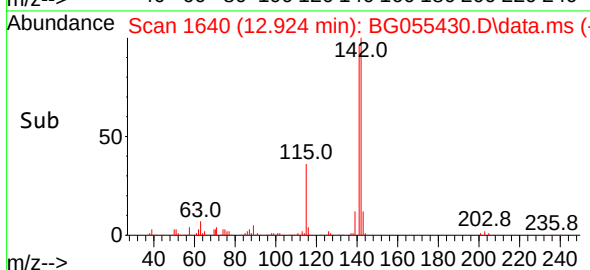
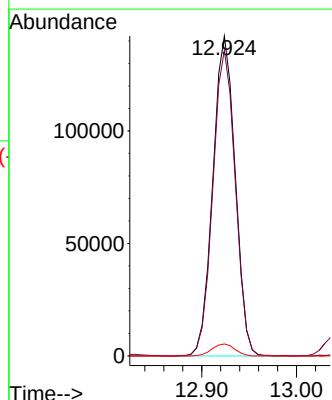
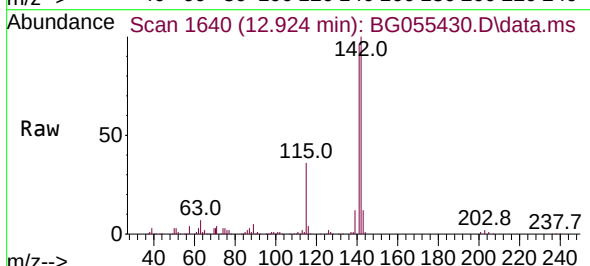
Manual Integrations
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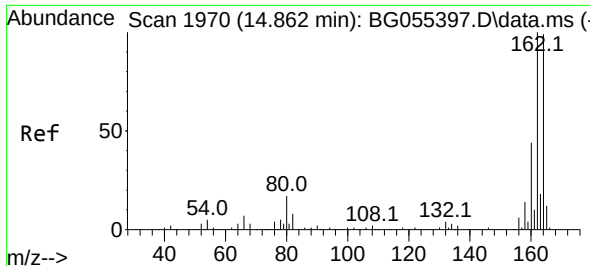
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#38
1-Methylnaphthalene
Concen: 41.819 ng
RT: 12.924 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:142 Resp: 232710
Ion Ratio Lower Upper
142 100
141 95.5 76.1 114.1
116 3.7 3.0 4.4





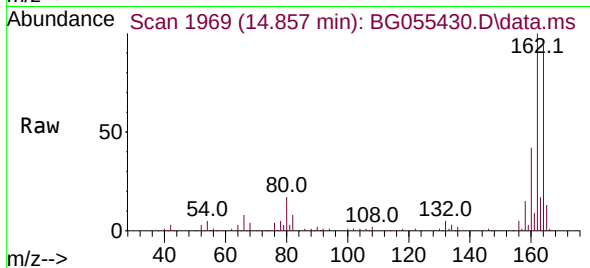
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1970
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

S-7-103122MSD

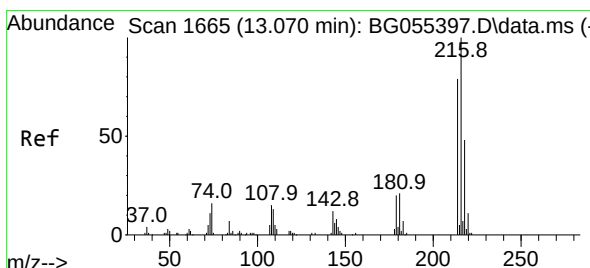
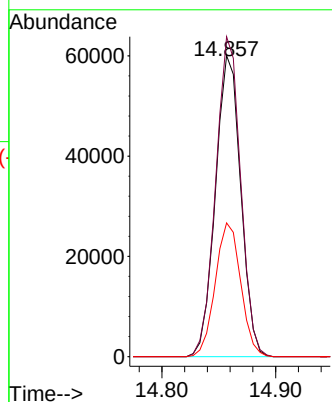
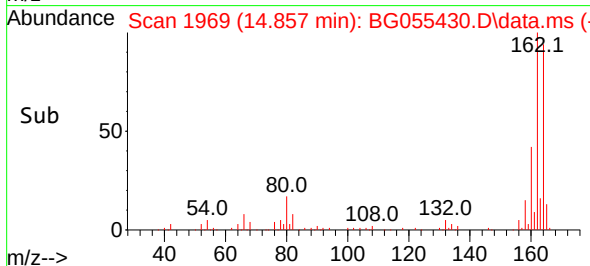


Tgt Ion:164 Resp: 92755
Ion Ratio Lower Upper
164 100
162 106.3 81.1 121.7
160 44.4 35.8 53.6

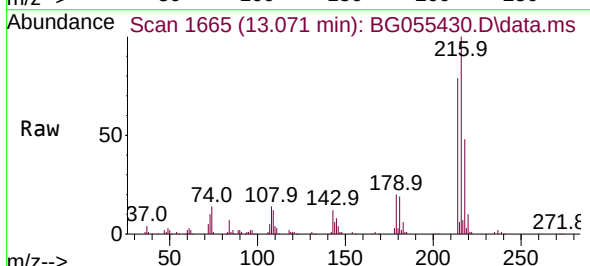
Manual Integrations

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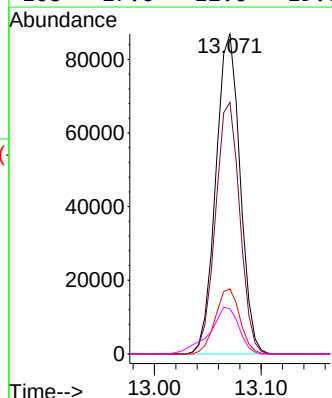
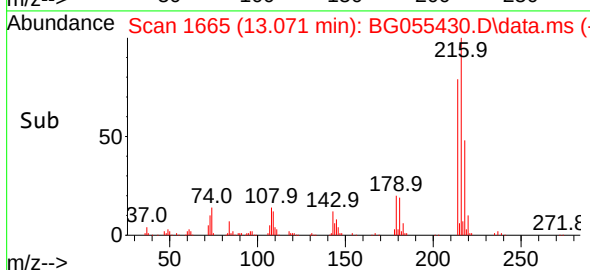
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

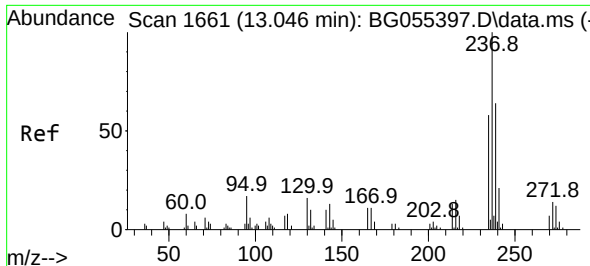


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.218 ng
RT: 13.071 min Scan# 1665
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



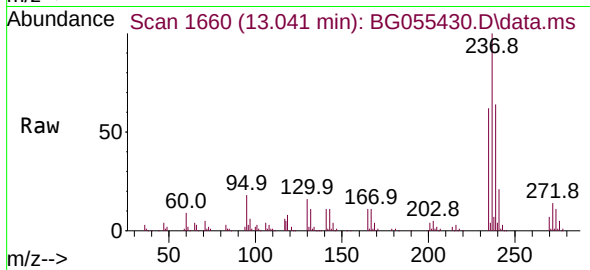
Tgt Ion:216 Resp: 137597
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 20.5 16.6 24.8
108 17.6 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 109.795 ng
RT: 13.041 min Scan# 1661
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

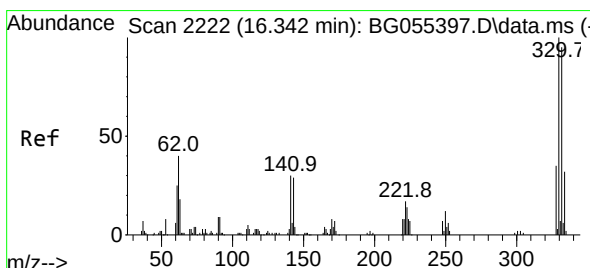
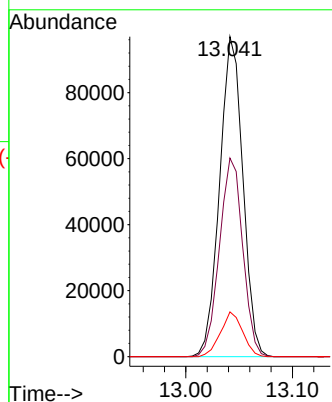
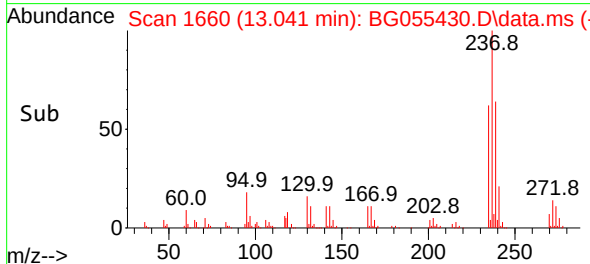
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



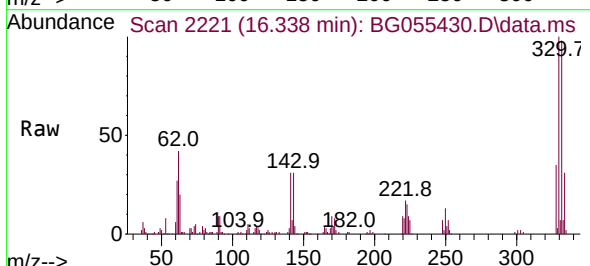
Tgt Ion:237 Resp: 147007
Ion Ratio Lower Upper
237 100
235 62.0 38.1 78.1
272 14.0 0.0 33.7

Manual Integrations
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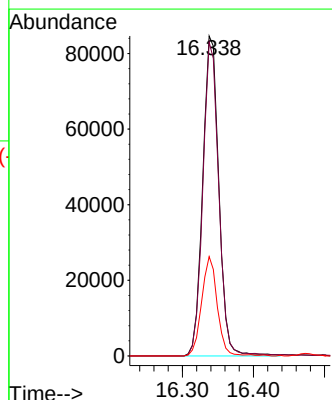
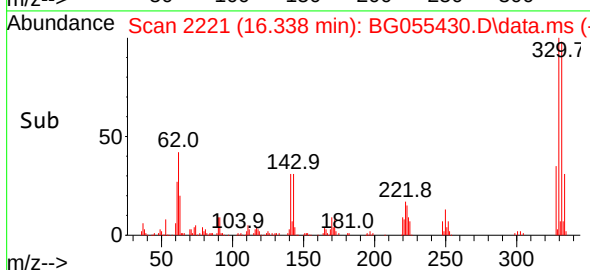
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

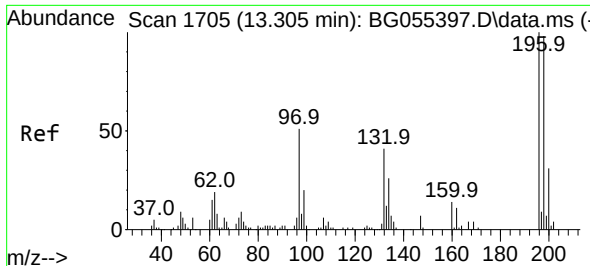


#42
2,4,6-Tribromophenol
Concen: 105.045 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



Tgt Ion:330 Resp: 132903
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 30.0 24.2 36.2





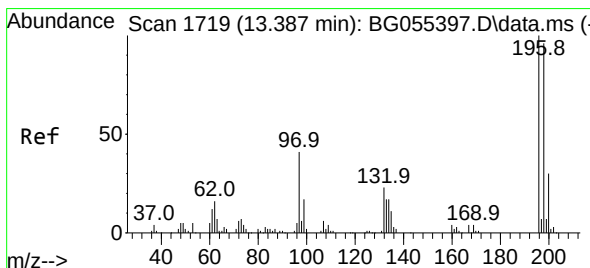
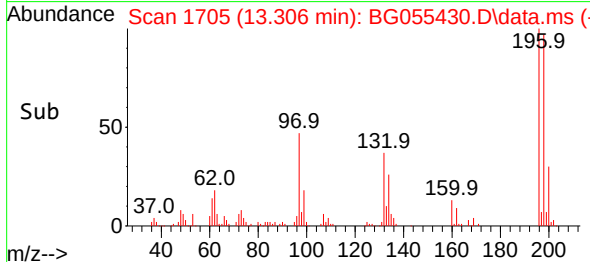
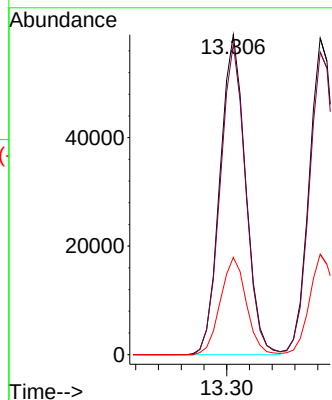
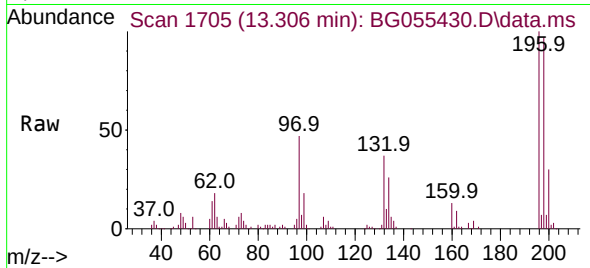
#43
2,4,6-Trichlorophenol
Concen: 48.230 ng
RT: 13.306 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD

Tgt Ion:196 Resp: 9202
Ion Ratio Lower Upper
196 100
198 97.1 78.8 118.2
200 30.4 25.0 37.6

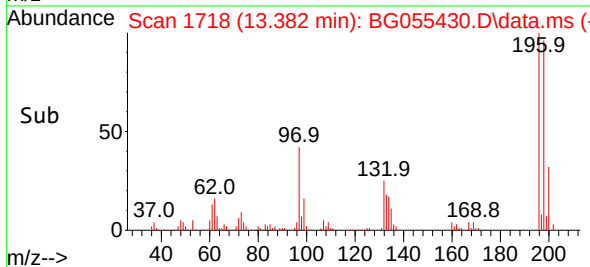
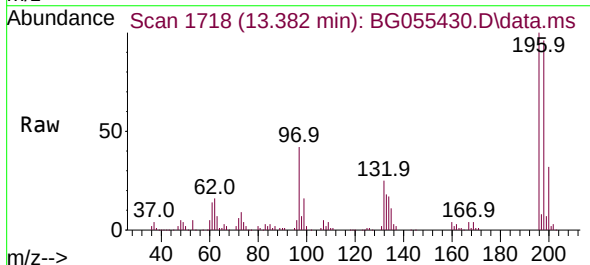
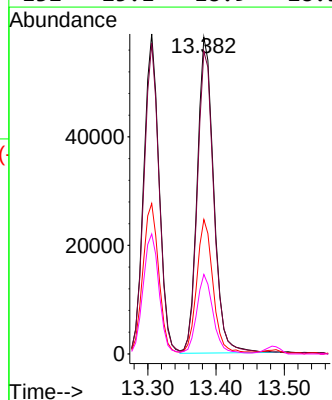
Manual Integrations
APPROVED

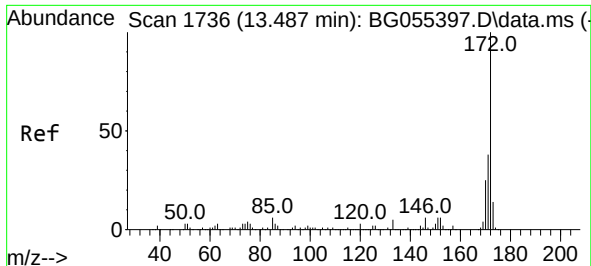
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#44
2,4,5-Trichlorophenol
Concen: 46.083 ng
RT: 13.382 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

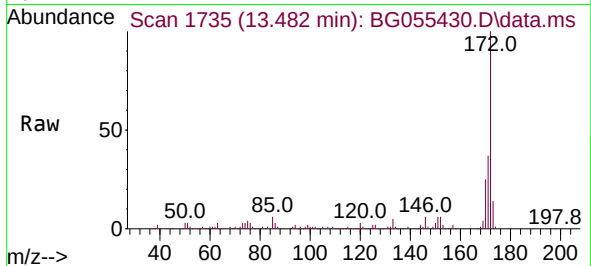
Tgt Ion:196 Resp: 97942
Ion Ratio Lower Upper
196 100
198 95.6 76.9 115.3
97 42.4 33.1 49.7
132 25.1 18.9 28.3





#45
2-Fluorobiphenyl
Concen: 66.101 ng
RT: 13.482 min Scan# 1736
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

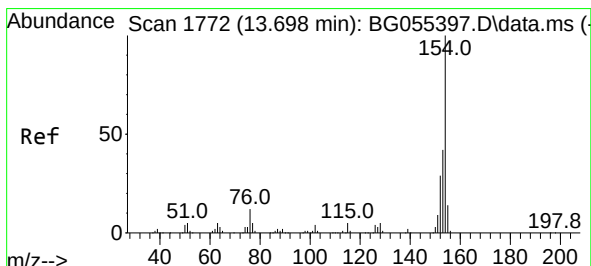
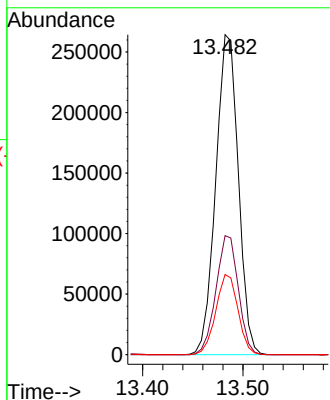
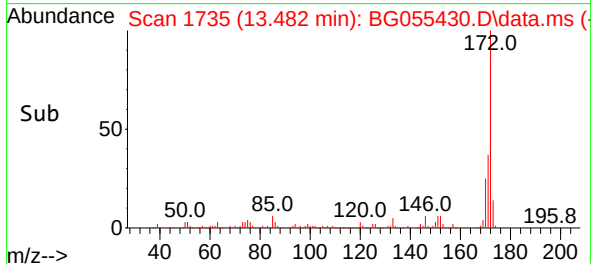
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



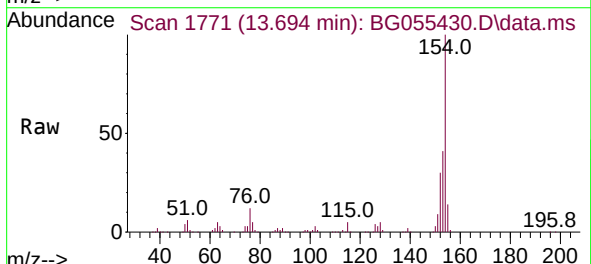
Tgt Ion:172 Resp: 413526
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.2
170 25.0 20.2 30.2

Manual Integrations
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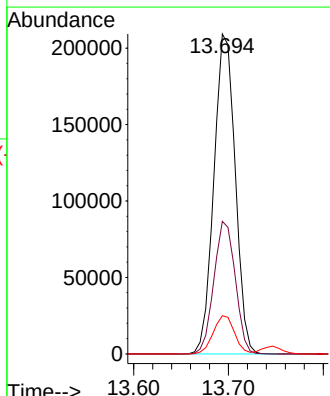
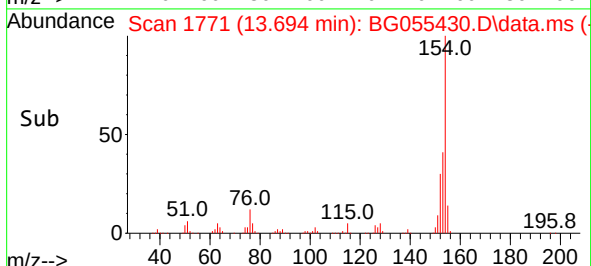
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

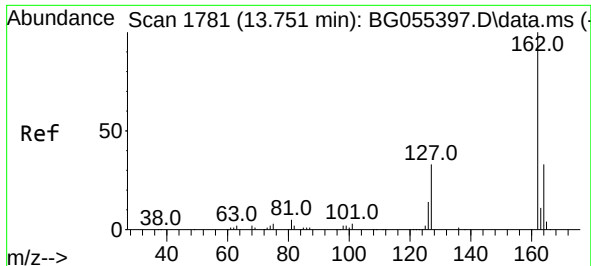


#46
1,1'-Biphenyl
Concen: 47.896 ng
RT: 13.694 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



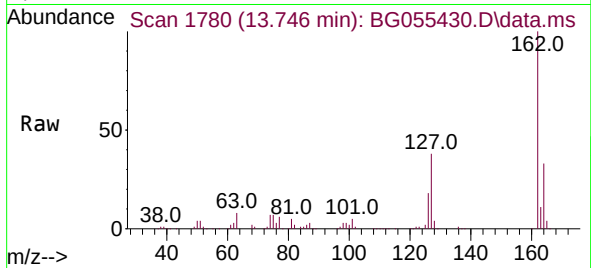
Tgt Ion:154 Resp: 326900
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 11.9 0.0 32.0





#47
2-Chloronaphthalene
Concen: 46.898 ng
RT: 13.746 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

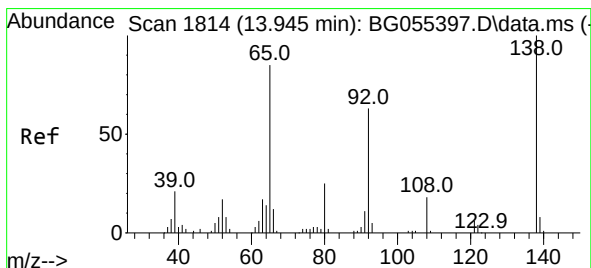
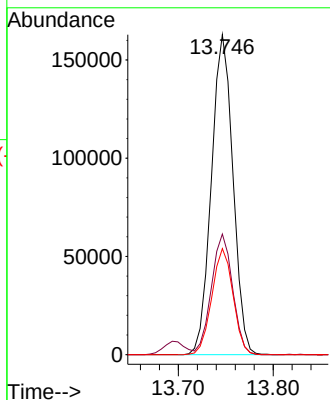
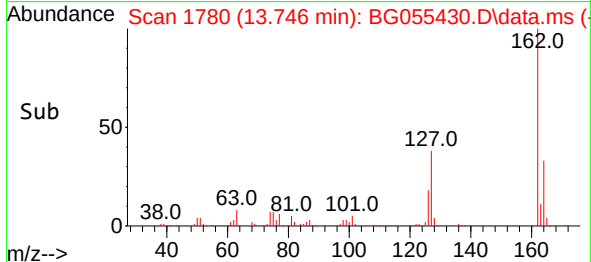
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:162 Resp: 257204
Ion Ratio Lower Upper
162 100
127 37.7 29.8 44.8
164 33.2 26.4 39.6

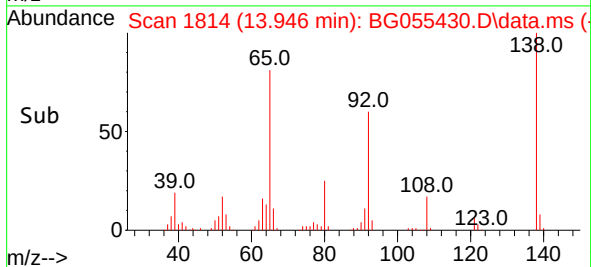
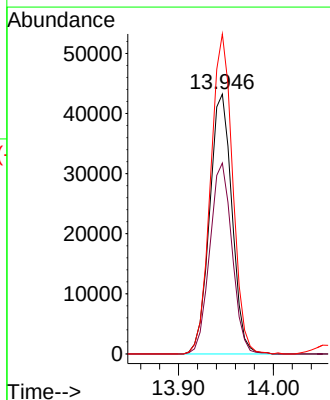
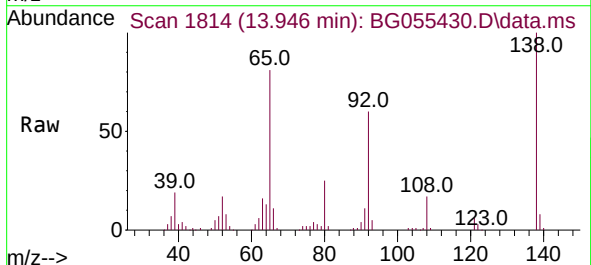
Manual Integrations
APPROVED

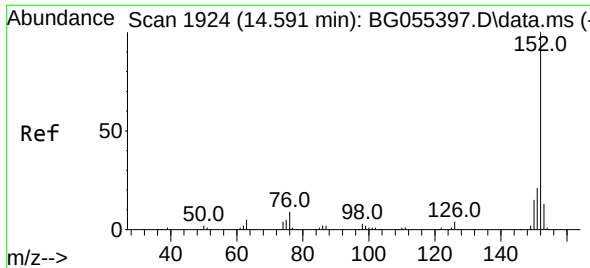
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#48
2-Nitroaniline
Concen: 42.034 ng
RT: 13.946 min Scan# 1814
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

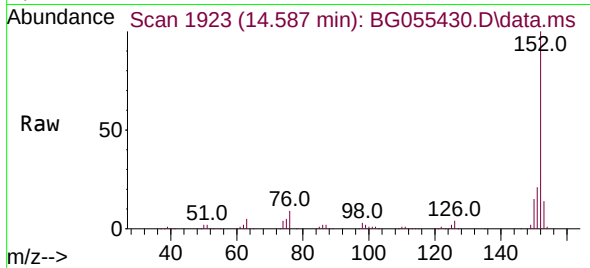
Tgt Ion: 65 Resp: 70806
Ion Ratio Lower Upper
65 100
92 73.4 59.4 89.0
138 123.2 93.8 140.8





#49
Acenaphthylene
Concen: 45.218 ng
RT: 14.587 min Scan# 1924
Delta R.T. -0.004 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

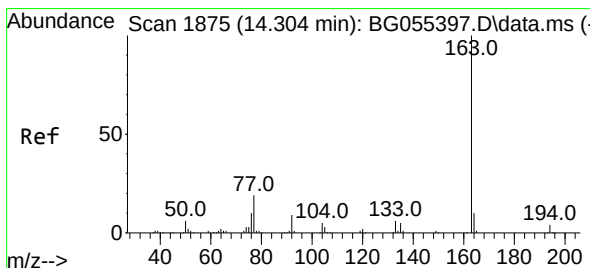
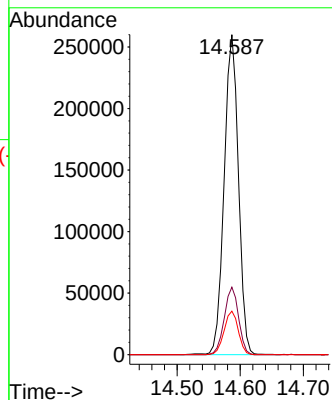
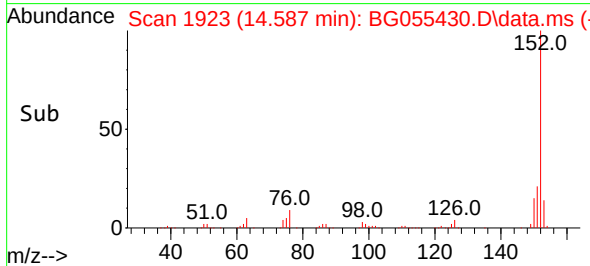
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



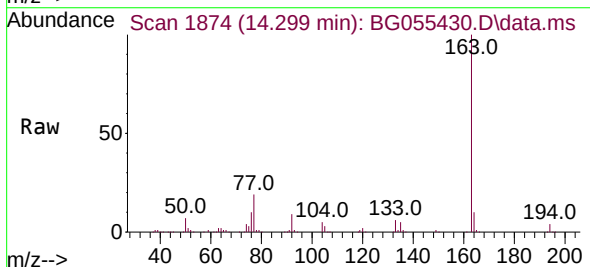
Tgt Ion:152 Resp: 407202
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 13.6 10.7 16.1

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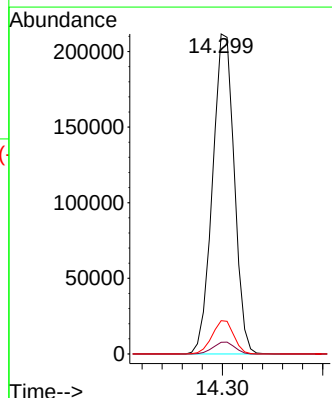
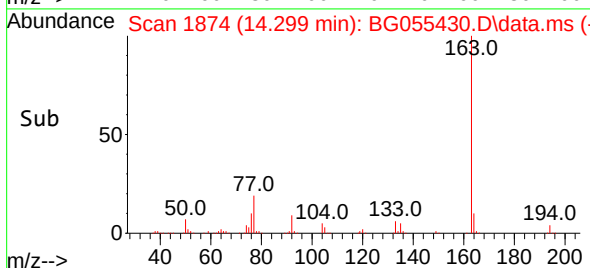
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

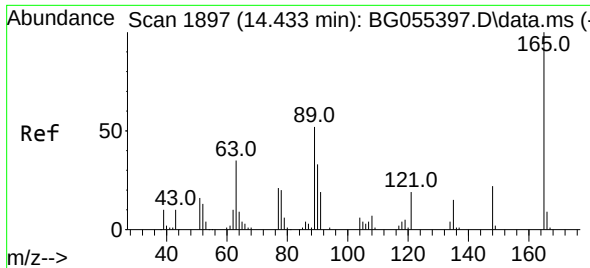


#50
Dimethylphthalate
Concen: 41.080 ng
RT: 14.299 min Scan# 1874
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



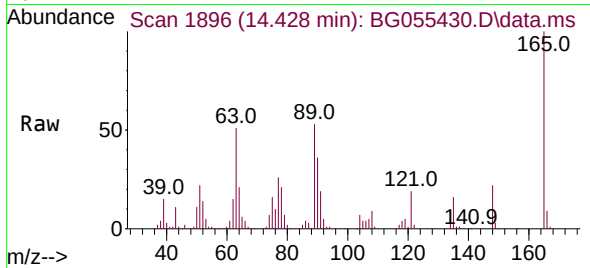
Tgt Ion:163 Resp: 318058
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.861 ng
RT: 14.428 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

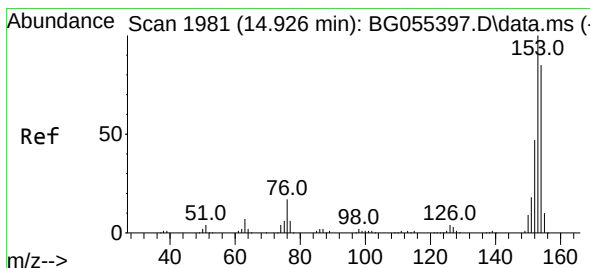
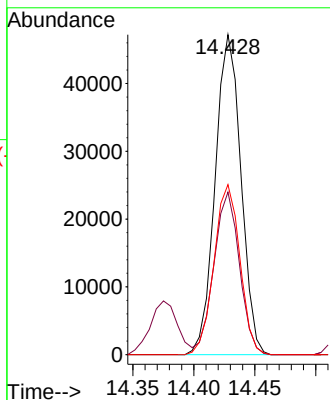
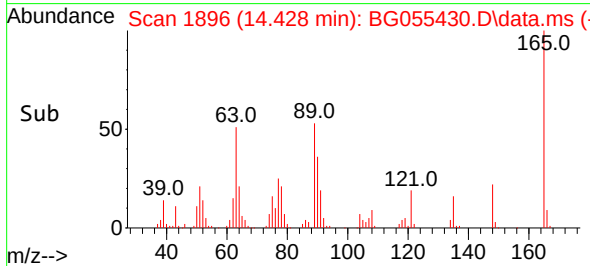
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



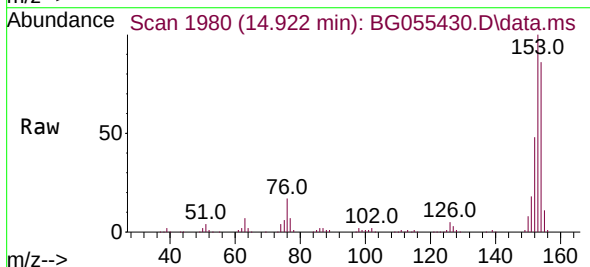
Tgt Ion:165 Resp: 69472
Ion Ratio Lower Upper
165 100
63 50.8 38.2 57.4
89 53.1 41.8 62.6

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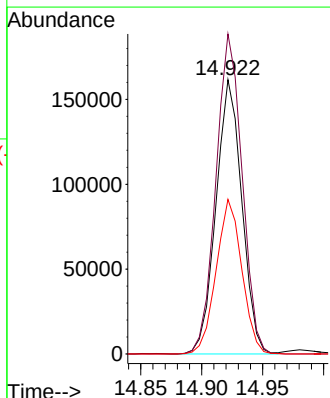
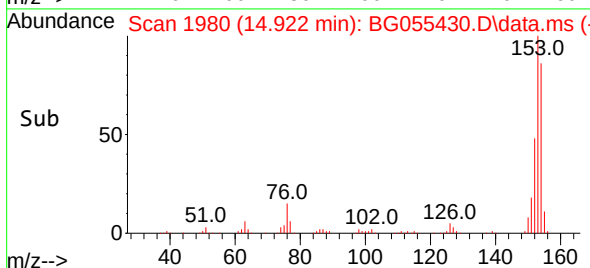
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

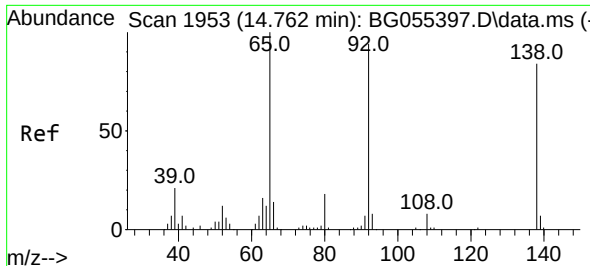


#52
Acenaphthene
Concen: 44.517 ng
RT: 14.922 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



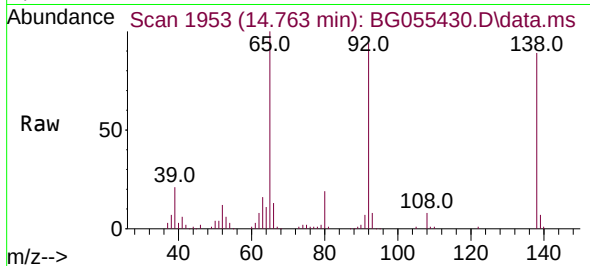
Tgt Ion:154 Resp: 238590
Ion Ratio Lower Upper
154 100
153 116.7 94.6 141.8
152 56.4 44.7 67.1





#53
3-Nitroaniline
Concen: 35.755 ng
RT: 14.763 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

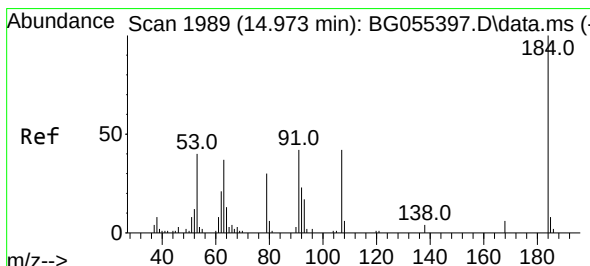
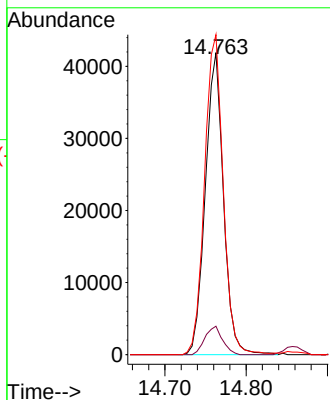
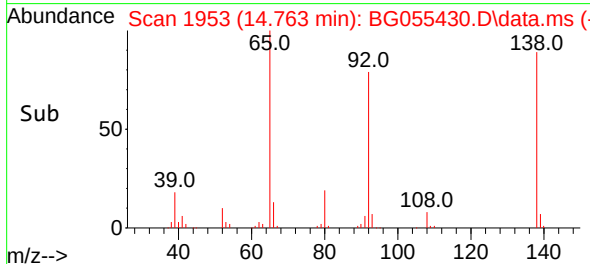
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



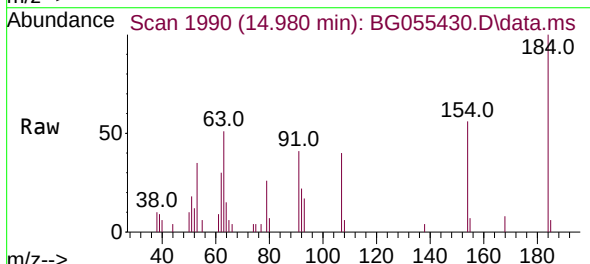
Tgt Ion:138 Resp: 6513
Ion Ratio Lower Upper
138 100
108 9.4 7.4 11.0
92 106.0 89.1 133.7

Manual Integrations
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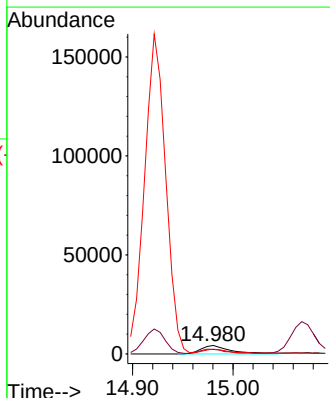
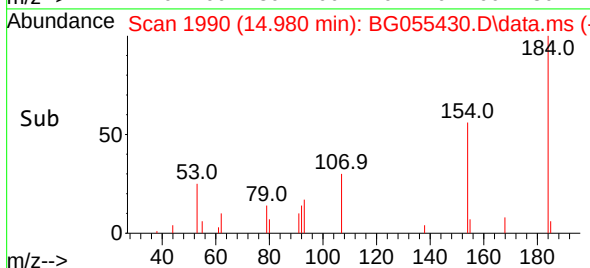
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

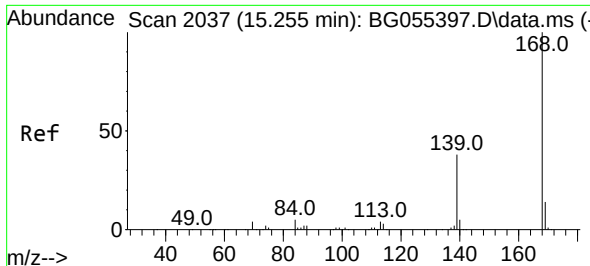


#54
2,4-Dinitrophenol
Concen: 13.609 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



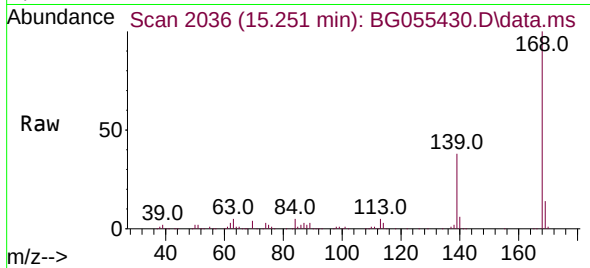
Tgt Ion:184 Resp: 8849
Ion Ratio Lower Upper
184 100
63 51.3 47.4 71.0
154 55.9 47.0 70.6





#55
Dibenzenofuran
Concen: 44.335 ng
RT: 15.251 min Scan# 2037
Delta R.T. -0.004 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

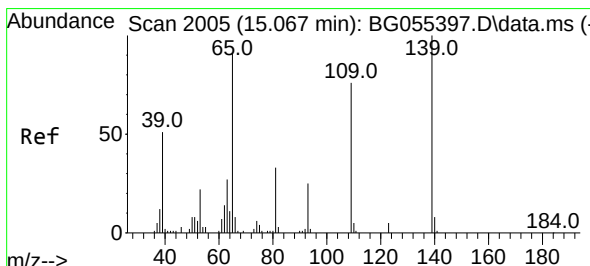
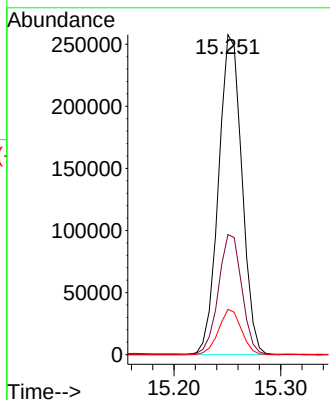
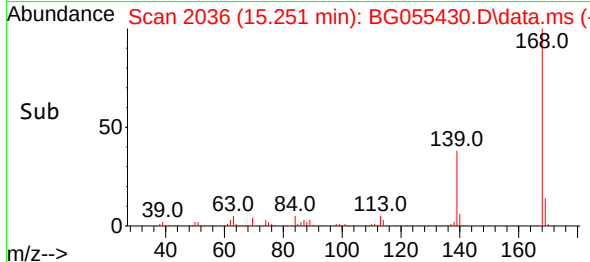
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:168 Resp: 393303
Ion Ratio Lower Upper
168 100
139 37.5 30.3 45.5
169 14.2 10.8 16.2

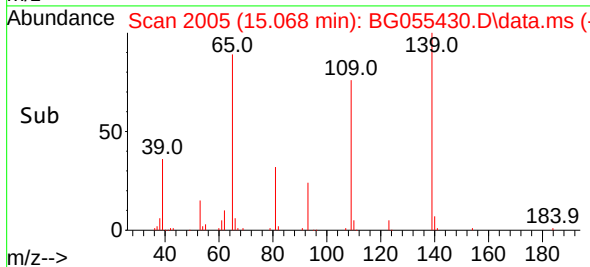
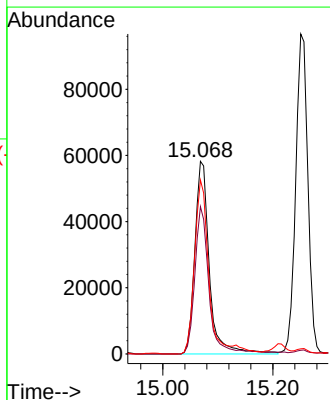
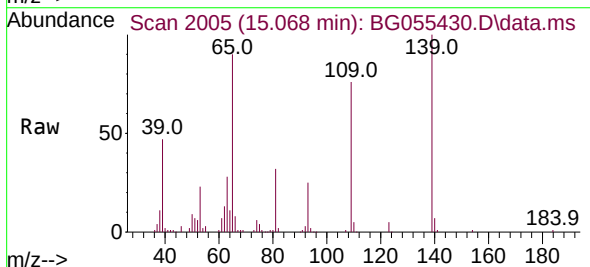
Manual Integrations
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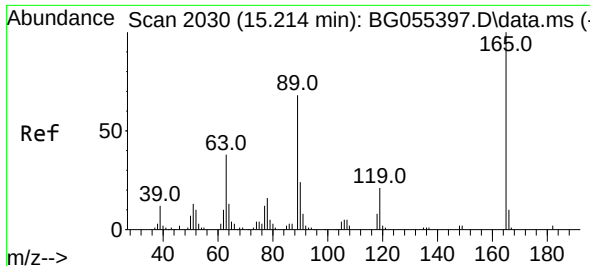
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#56
4-Nitrophenol
Concen: 85.653 ng
RT: 15.068 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:139 Resp: 106991
Ion Ratio Lower Upper
139 100
109 76.5 56.1 96.1
65 90.3 71.2 111.2





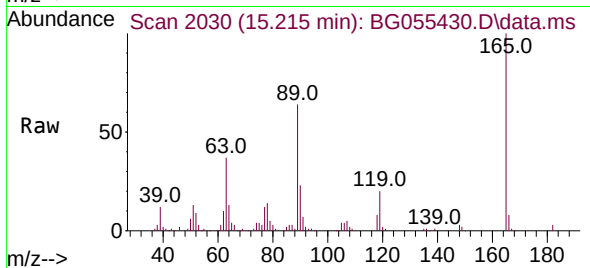
#57
2,4-Dinitrotoluene
Concen: 42.435 ng
RT: 15.215 min Scan# 2030
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

S-7-103122MSD

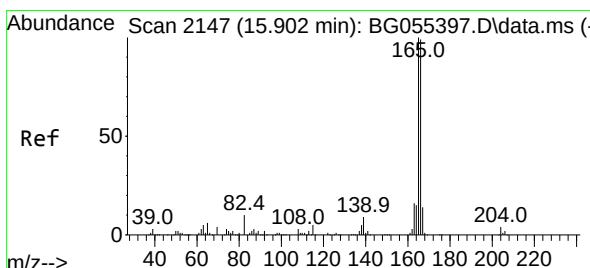
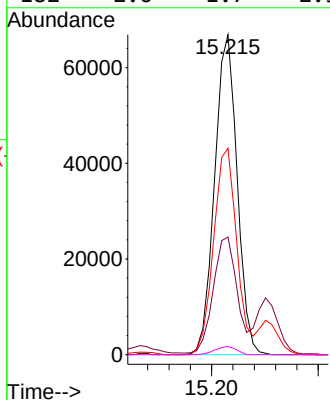
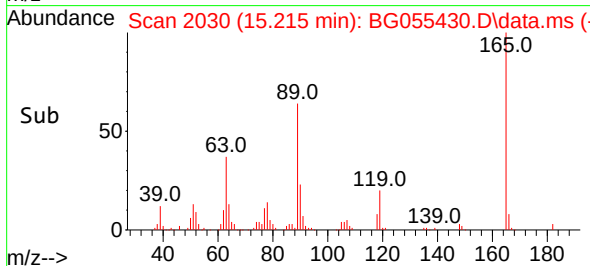


Tgt Ion:165 Resp: 98349
Ion Ratio Lower Upper
165 100
63 36.7 30.8 46.2
89 64.5 54.5 81.7
182 2.6 1.7 2.5#

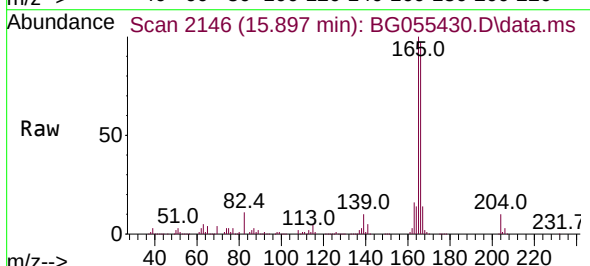
Manual Integrations

APPROVED

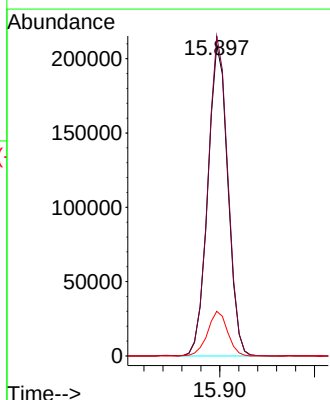
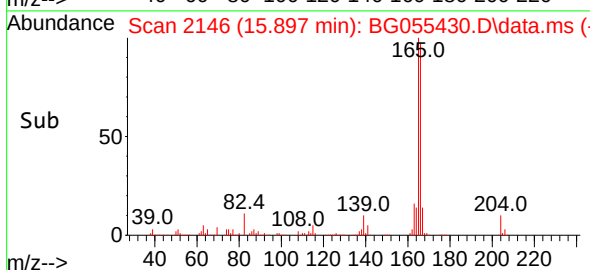
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

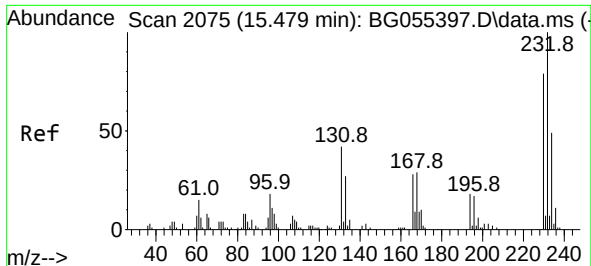


#58
Fluorene
Concen: 42.738 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



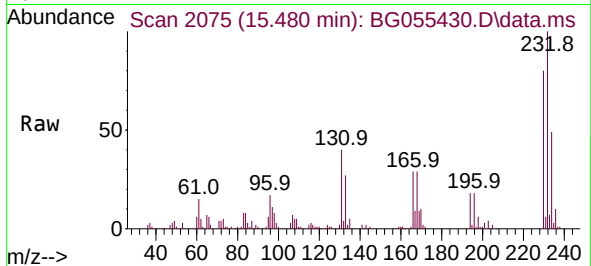
Tgt Ion:166 Resp: 307994
Ion Ratio Lower Upper
166 100
165 102.9 81.0 121.6
167 14.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.129 ng
RT: 15.480 min Scan# 2075
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

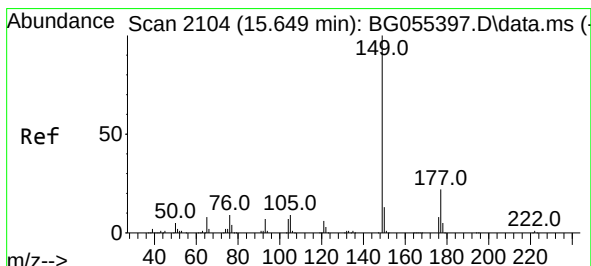
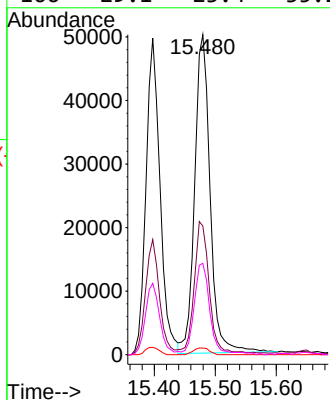
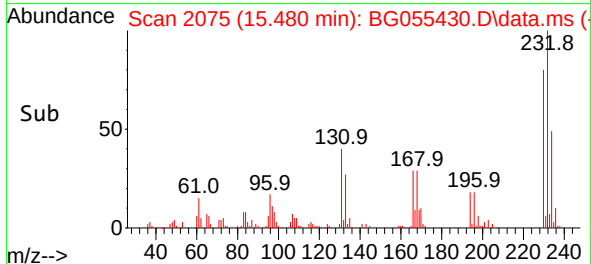
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



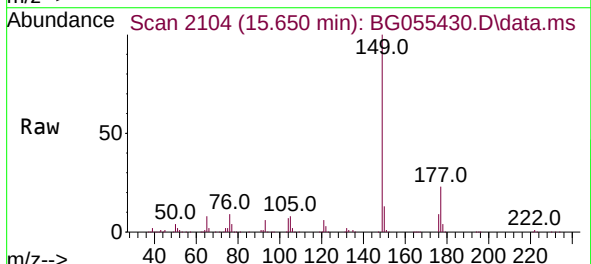
Tgt Ion:232 Resp: 88154
Ion Ratio Lower Upper
232 100
131 39.6 33.1 49.7
130 2.1 1.6 2.4
166 29.1 23.4 35.2

Manual Integrations
APPROVED

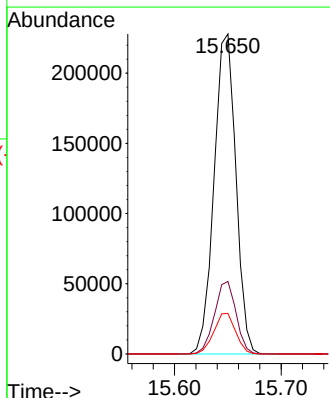
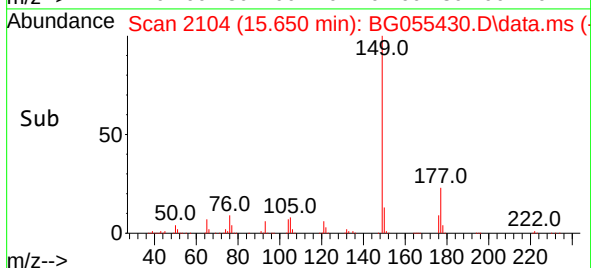
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

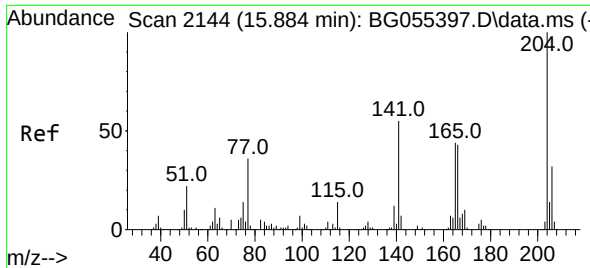


#60
Diethylphthalate
Concen: 40.309 ng
RT: 15.650 min Scan# 2104
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



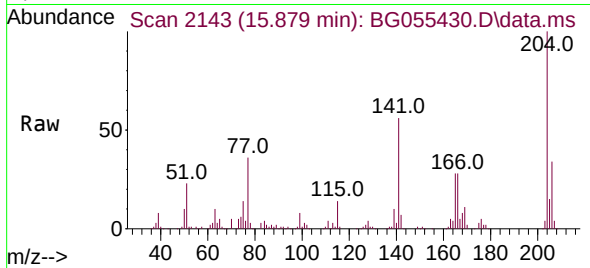
Tgt Ion:149 Resp: 324330
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.646 ng
RT: 15.879 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

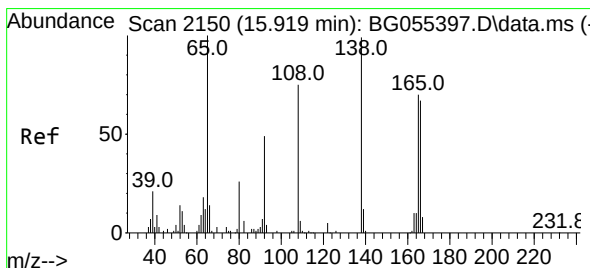
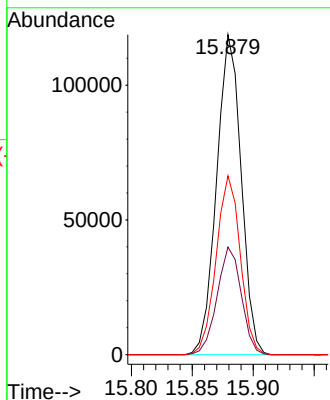
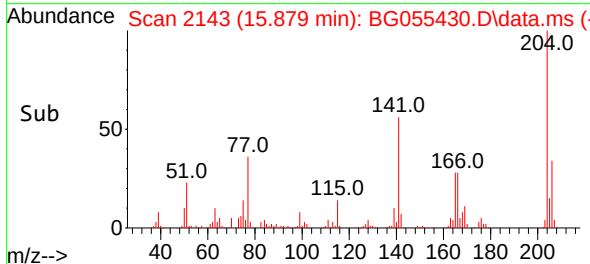
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



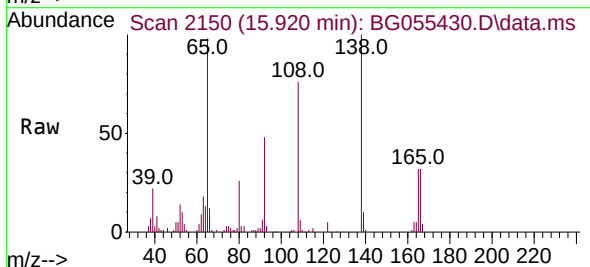
Tgt Ion:204 Resp: 166342
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 55.9 44.0 66.0

Manual Integrations
APPROVED

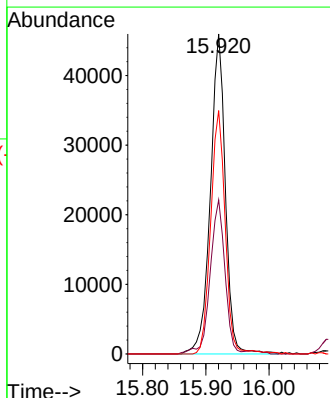
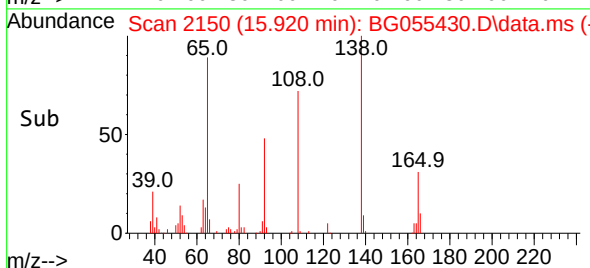
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

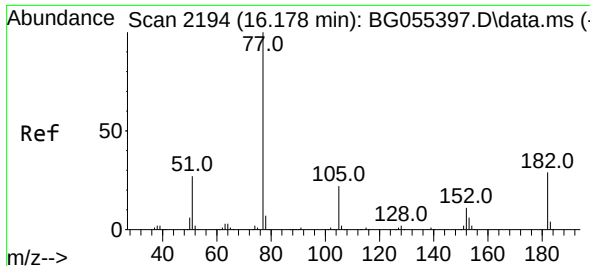


#62
4-Nitroaniline
Concen: 39.332 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



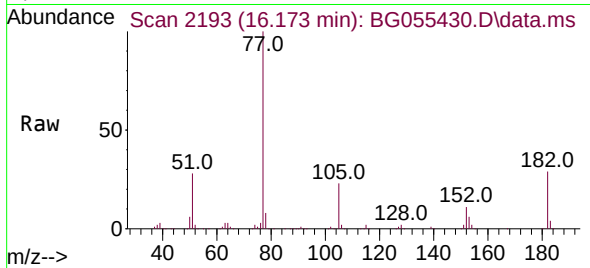
Tgt Ion:138 Resp: 75808
Ion Ratio Lower Upper
138 100
92 48.1 29.2 69.2
108 76.0 55.9 95.9





#63
Azobenzene
Concen: 41.116 ng
RT: 16.173 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

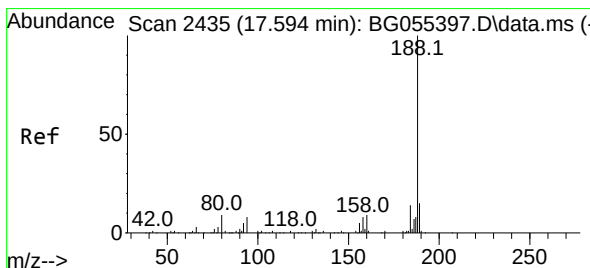
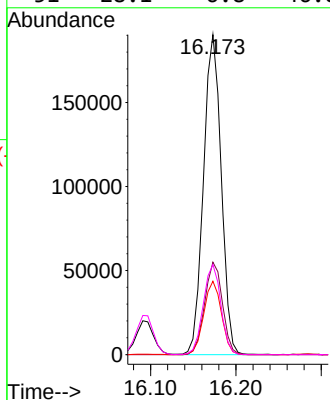
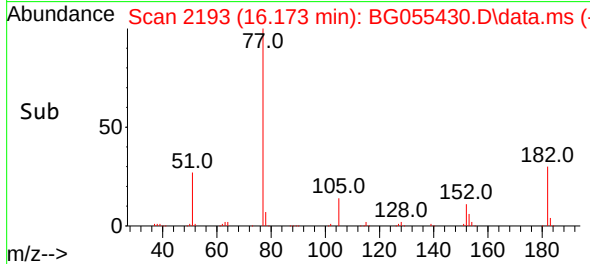
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



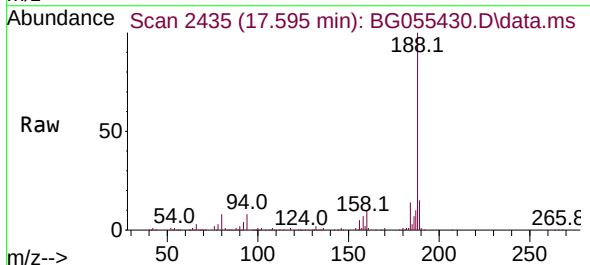
Tgt Ion: 77 Resp: 274999
Ion Ratio Lower Upper
77 100
182 28.9 9.0 49.0
105 22.9 2.2 42.2
51 28.1 6.8 46.8

Manual Integrations
APPROVED

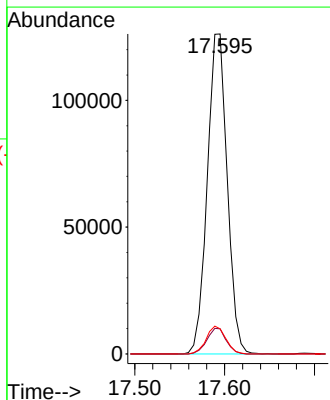
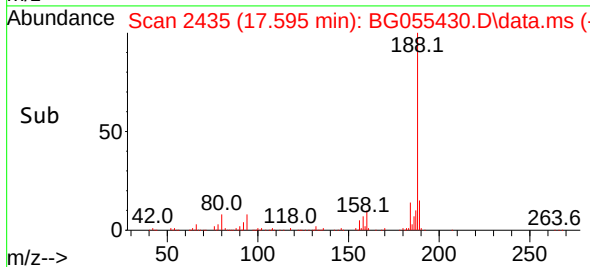
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

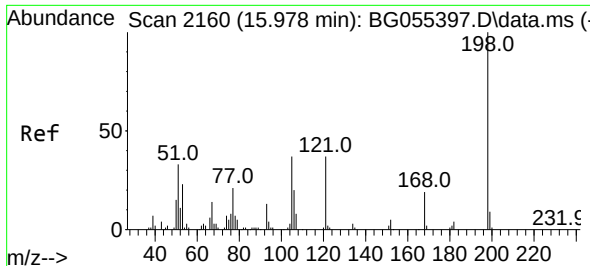


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.595 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



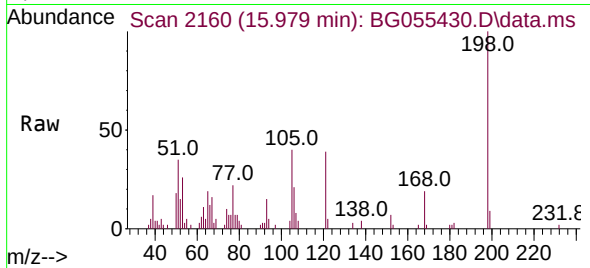
Tgt Ion:188 Resp: 195314
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 7.8 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 13.783 ng
RT: 15.979 min Scan# 2160
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

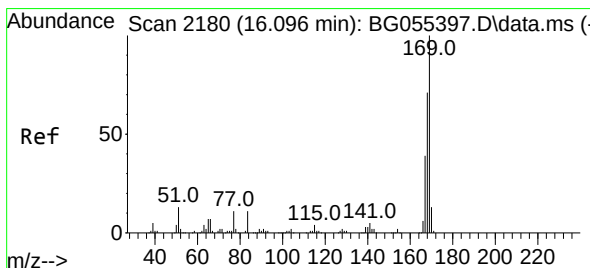
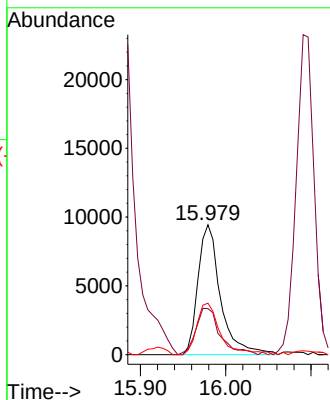
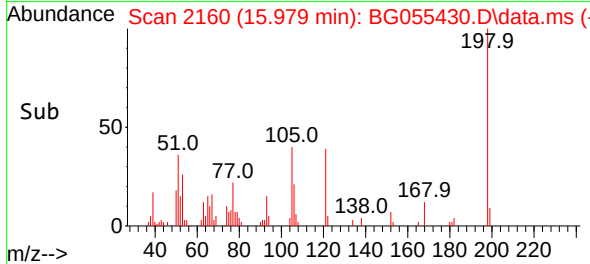
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



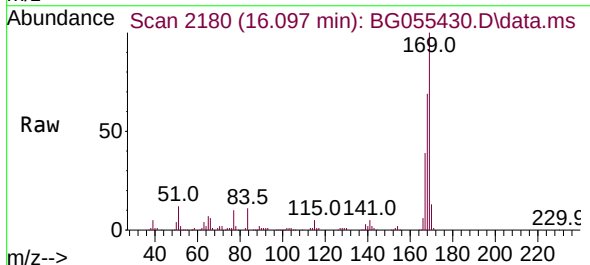
Tgt Ion:198 Resp: 17341
Ion Ratio Lower Upper
198 100
51 35.5 14.8 54.8
105 39.6 17.6 57.6

Manual Integrations
APPROVED

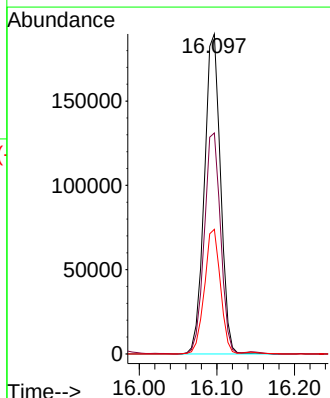
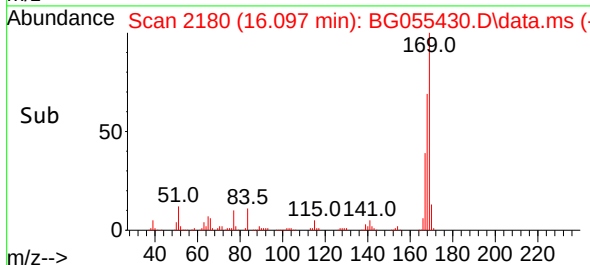
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

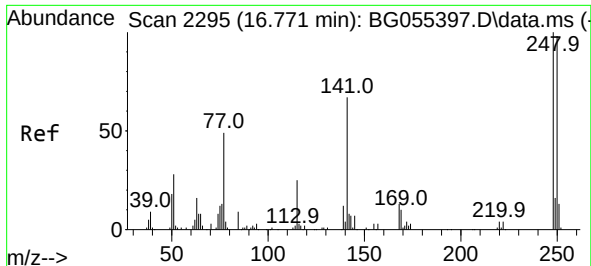


#66
n-Nitrosodiphenylamine
Concen: 47.142 ng
RT: 16.097 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



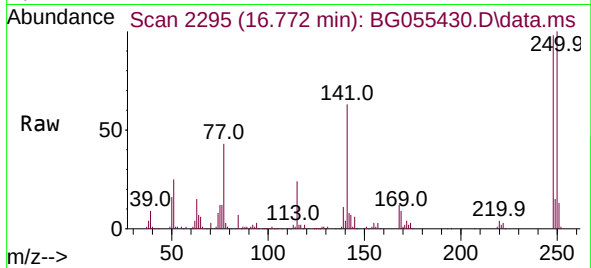
Tgt Ion:169 Resp: 273744
Ion Ratio Lower Upper
169 100
168 69.0 57.0 85.4
167 38.9 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 47.613 ng
RT: 16.772 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

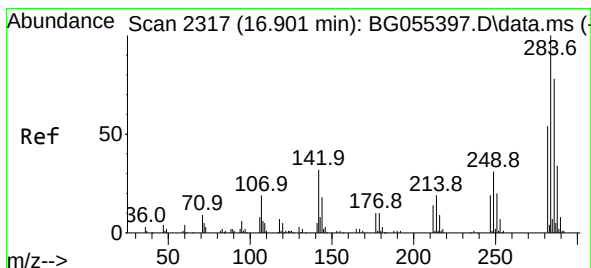
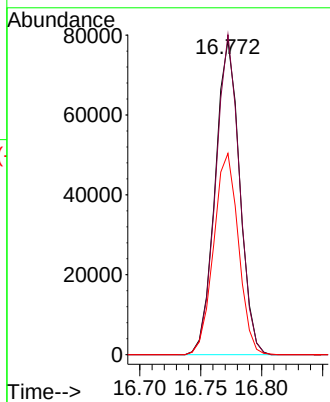
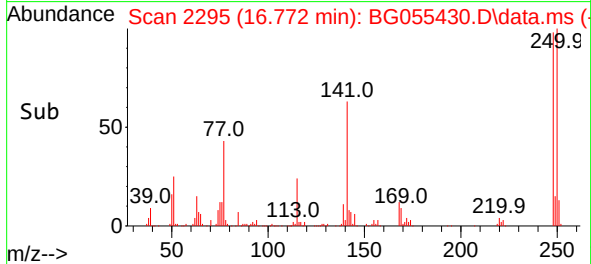
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



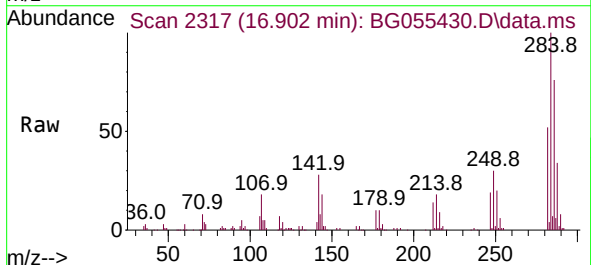
Tgt Ion:248 Resp: 109929
Ion Ratio Lower Upper
248 100
250 102.0 78.3 117.5
141 64.2 53.7 80.5

Manual Integrations
APPROVED

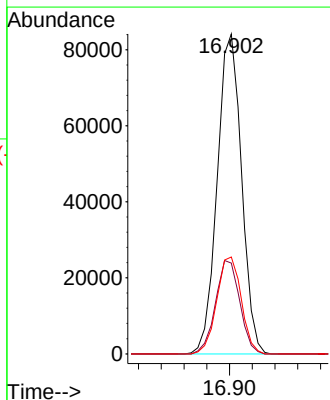
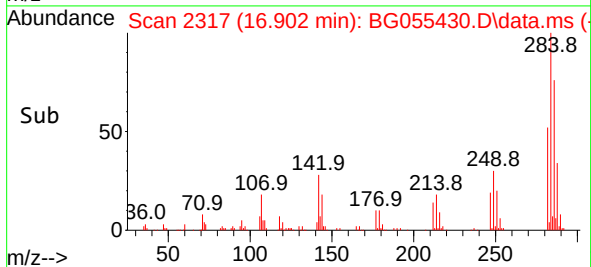
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

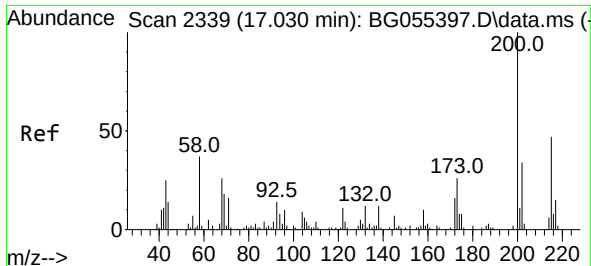


#68
Hexachlorobenzene
Concen: 47.398 ng
RT: 16.902 min Scan# 2317
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



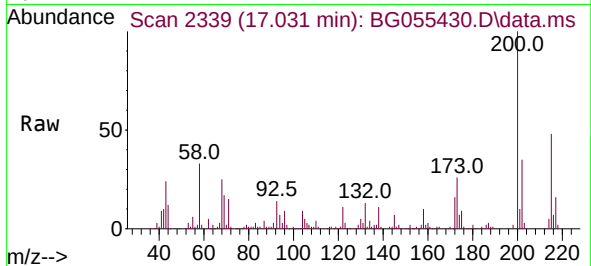
Tgt Ion:284 Resp: 124796
Ion Ratio Lower Upper
284 100
142 28.4 25.4 38.2
249 30.3 24.9 37.3





#69
 Atrazine
 Concen: 54.217 ng
 RT: 17.031 min Scan# 2339
 Delta R.T. 0.001 min
 Lab File: BG055430.D
 Acq: 3 Nov 2022 1:25

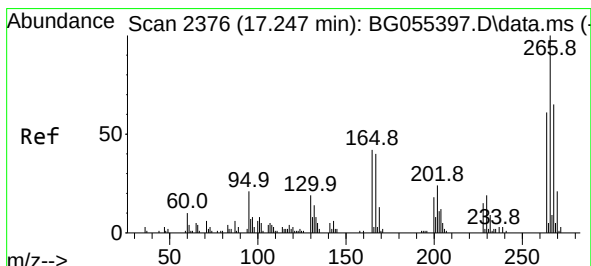
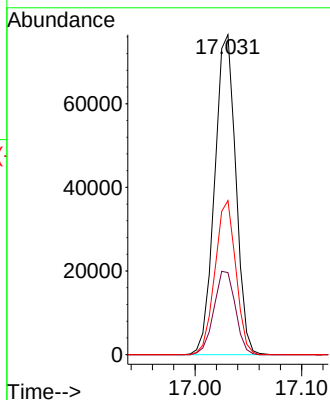
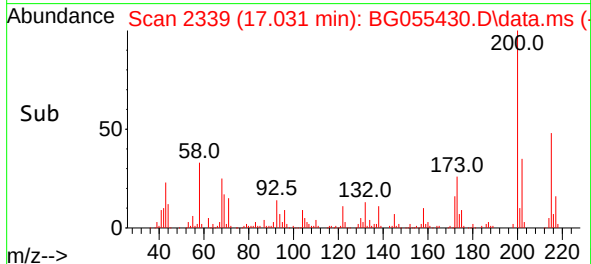
Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122MSD



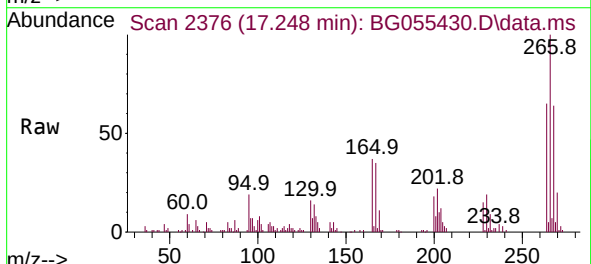
Tgt Ion:200 Resp: 105695
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.8 45.8
 215 48.1 27.4 67.4

Manual Integrations
 APPROVED

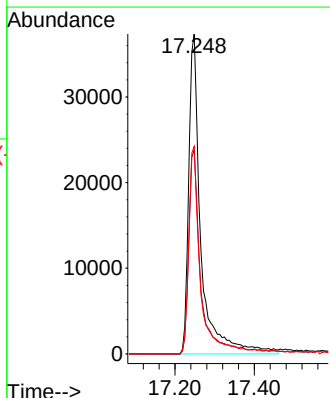
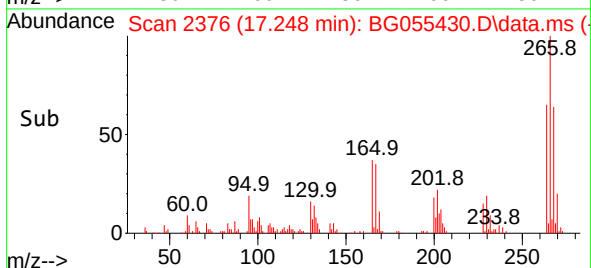
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022

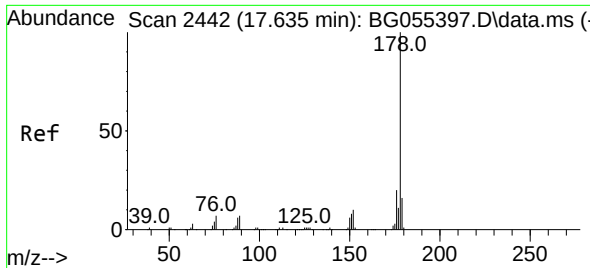


#70
 Pentachlorophenol
 Concen: 59.909 ng
 RT: 17.248 min Scan# 2376
 Delta R.T. 0.001 min
 Lab File: BG055430.D
 Acq: 3 Nov 2022 1:25



Tgt Ion:266 Resp: 80231
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.2 78.4
 264 64.8 49.2 73.8





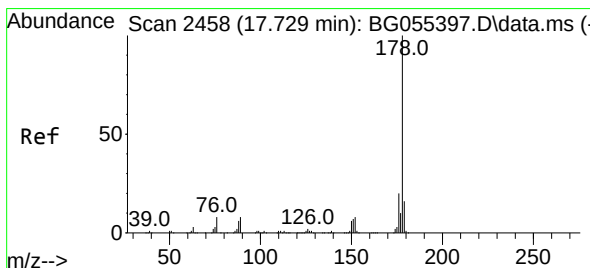
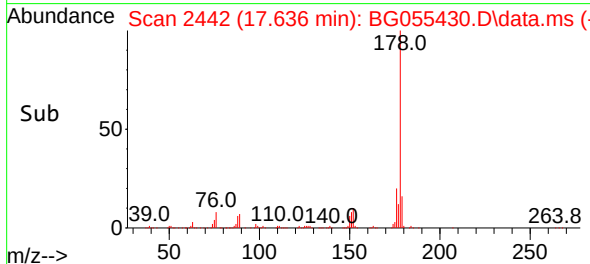
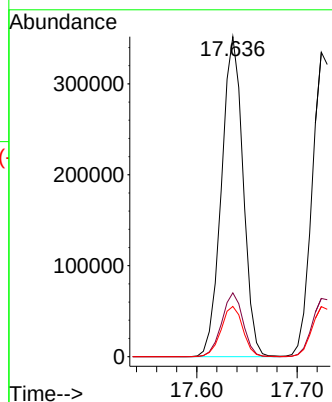
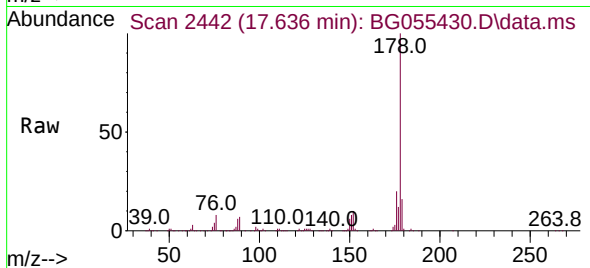
#71
Phenanthrene
Concen: 47.887 ng
RT: 17.636 min Scan# 2442
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD

Tgt Ion:178 Resp: 526101
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.7 12.7 19.1

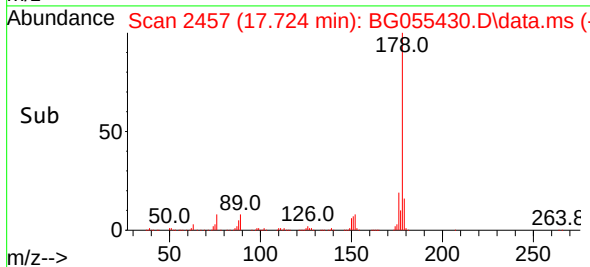
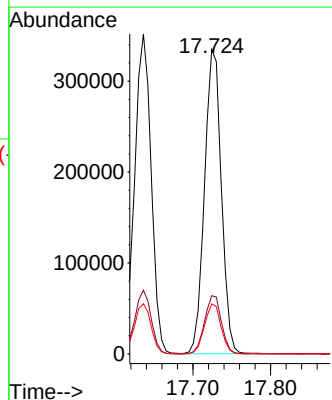
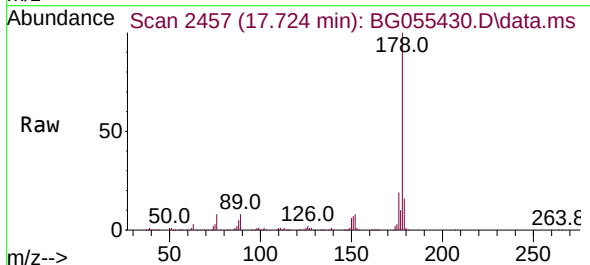
Manual Integrations
APPROVED

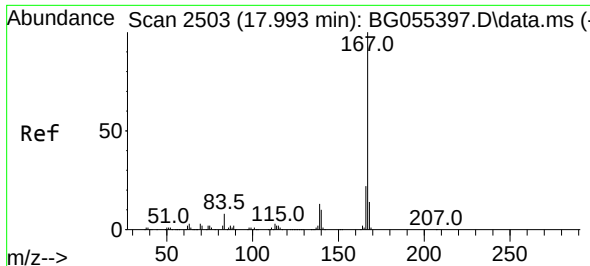
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#72
Anthracene
Concen: 46.840 ng
RT: 17.724 min Scan# 2457
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

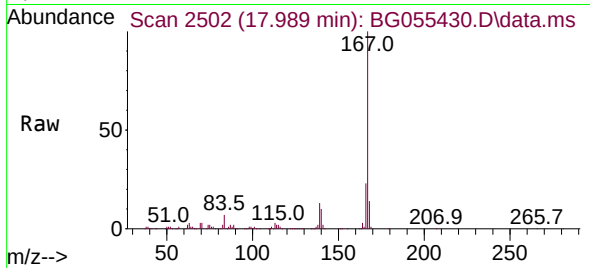
Tgt Ion:178 Resp: 504394
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 16.4 13.0 19.6





#73
Carbazole
Concen: 45.838 ng
RT: 17.989 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

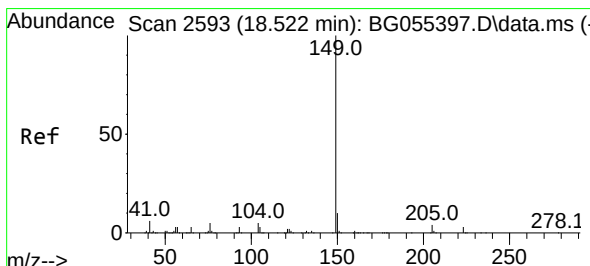
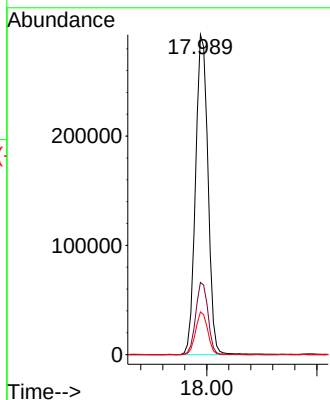
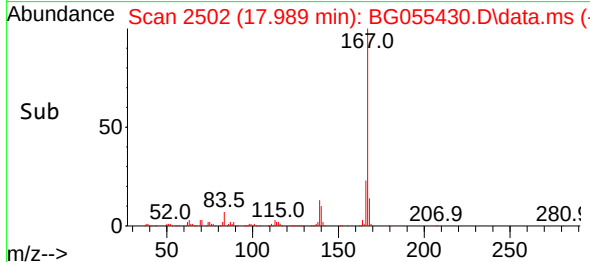
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



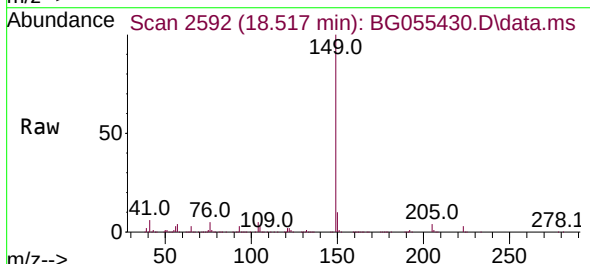
Tgt Ion:167 Resp: 459235
Ion Ratio Lower Upper
167 100
166 22.6 17.9 26.9
139 13.3 10.4 15.6

Manual Integrations
APPROVED

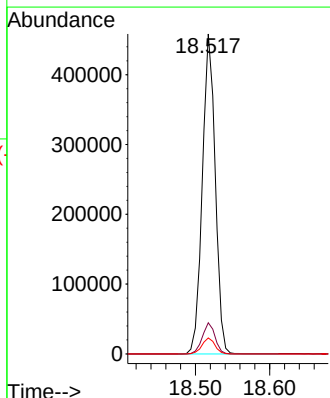
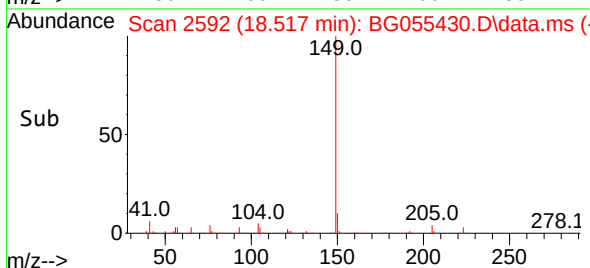
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

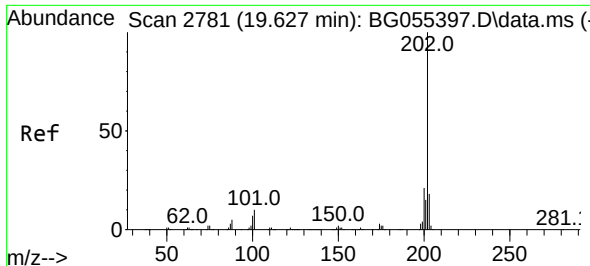


#74
Di-n-butylphthalate
Concen: 44.239 ng
RT: 18.517 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



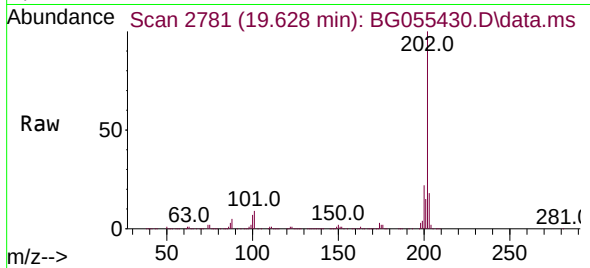
Tgt Ion:149 Resp: 553557
Ion Ratio Lower Upper
149 100
150 9.7 7.6 11.4
104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 46.537 ng
RT: 19.628 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

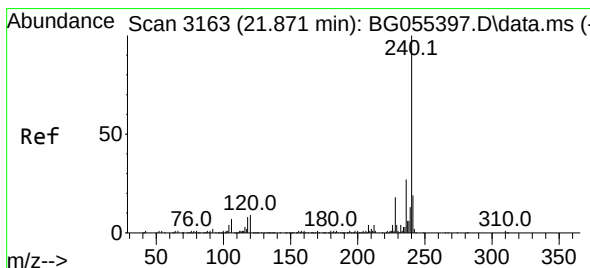
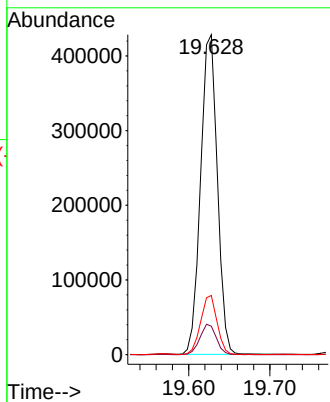
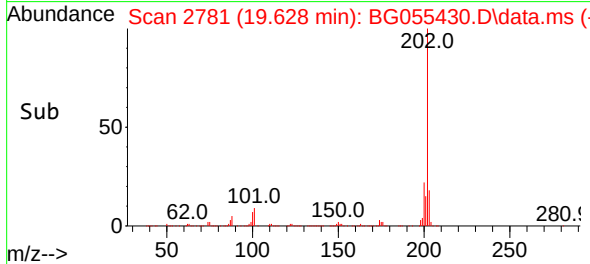
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:202 Resp: 61497
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.8
203 18.5 0.0 38.1

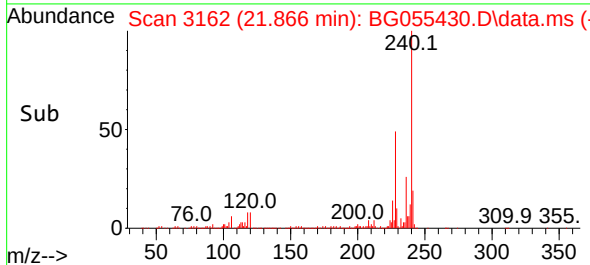
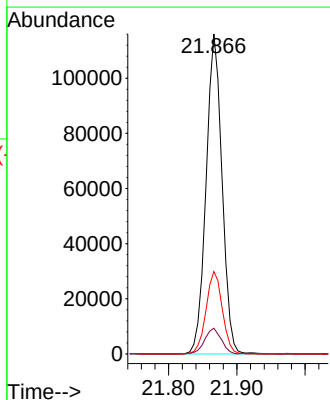
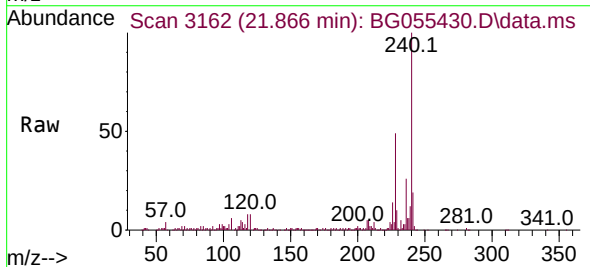
Manual Integrations
APPROVED

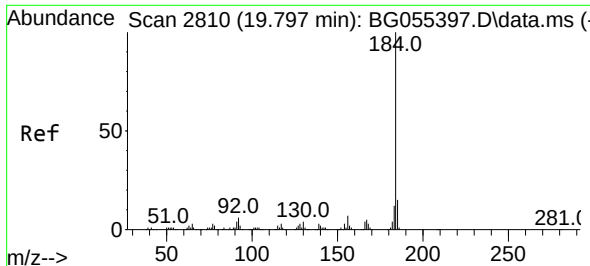
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

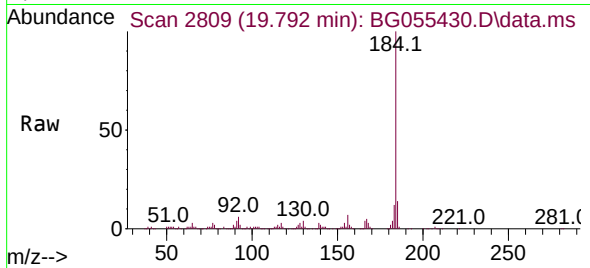
Tgt Ion:240 Resp: 188173
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.7 21.5 32.3





#77
Benzidine
Concen: 99.756 ng
RT: 19.792 min Scan# 2810
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

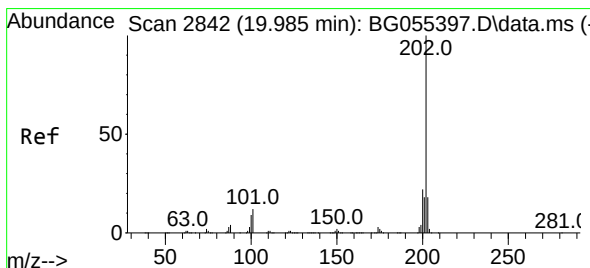
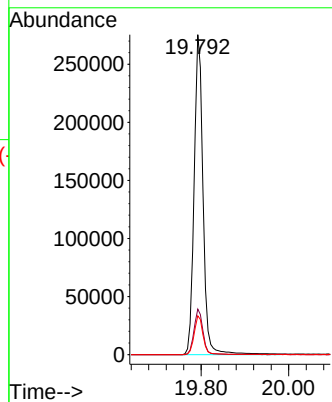
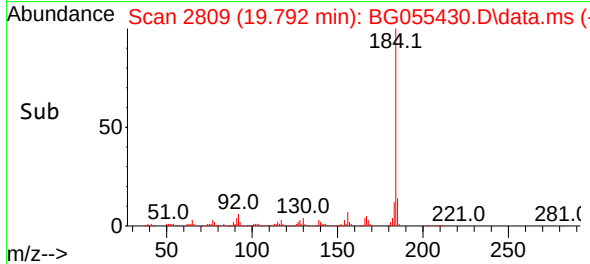
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



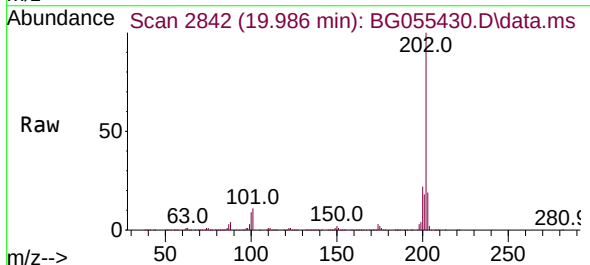
Tgt Ion:184 Resp: 390809
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 12.1 9.8 14.8

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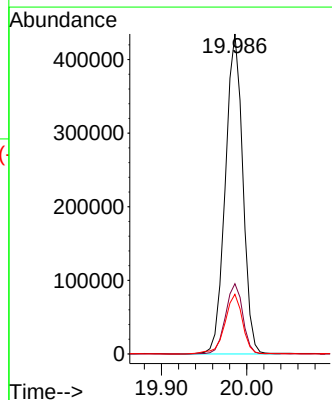
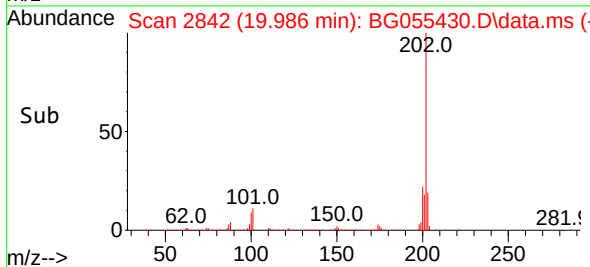
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

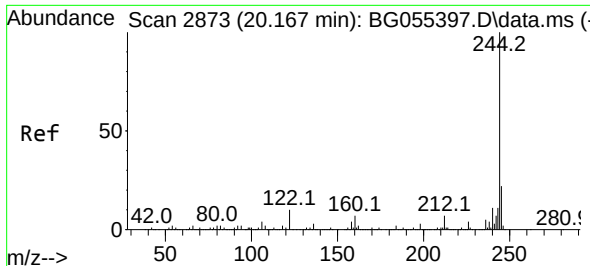


#78
Pyrene
Concen: 46.473 ng
RT: 19.986 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



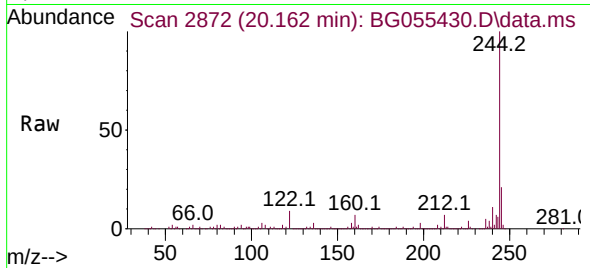
Tgt Ion:202 Resp: 616916
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.6 14.7 22.1





#79
 Terphenyl-d14
 Concen: 67.759 ng
 RT: 20.162 min Scan# 2873
 Delta R.T. -0.005 min
 Lab File: BG055430.D
 Acq: 3 Nov 2022 1:25

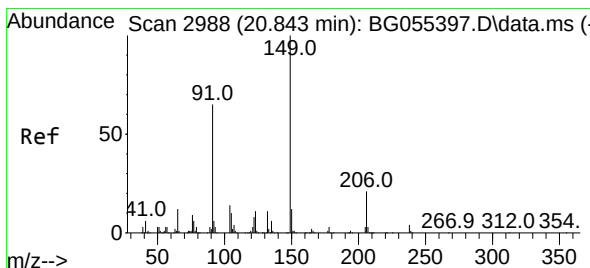
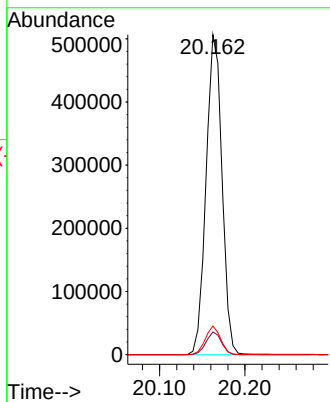
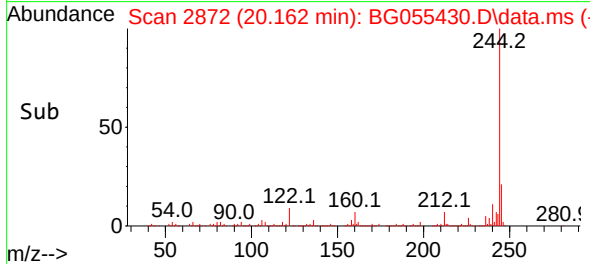
Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122MSD



Tgt Ion:244 Resp: 655703
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 8.9 7.8 11.6

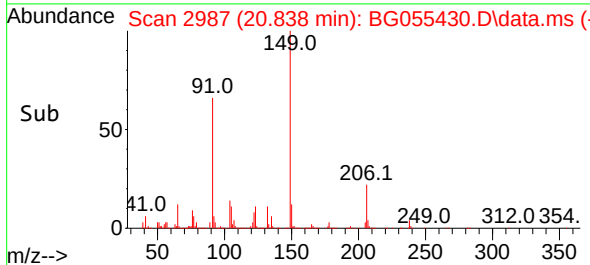
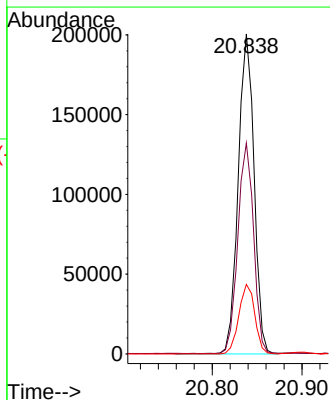
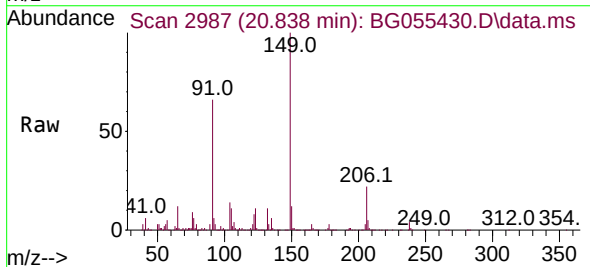
Manual Integrations
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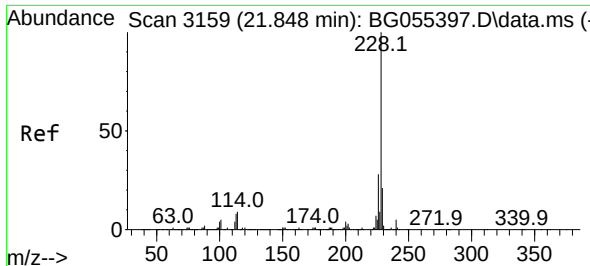
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#80
 Butylbenzylphthalate
 Concen: 44.467 ng
 RT: 20.838 min Scan# 2987
 Delta R.T. -0.005 min
 Lab File: BG055430.D
 Acq: 3 Nov 2022 1:25

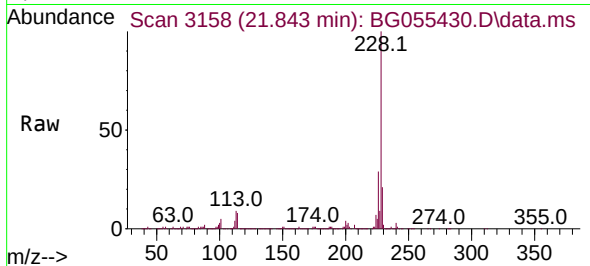
Tgt Ion:149 Resp: 246105
 Ion Ratio Lower Upper
 149 100
 91 65.9 52.4 78.6
 206 21.7 17.2 25.8





#81
Benzo(a)anthracene
Concen: 45.874 ng
RT: 21.843 min Scan# 3159
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

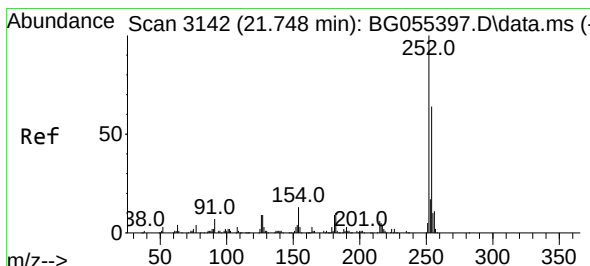
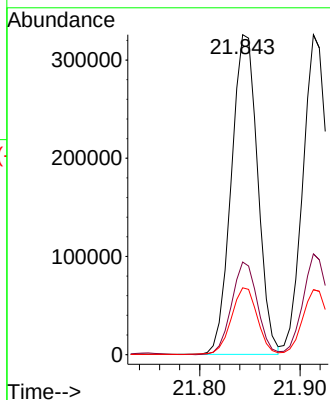
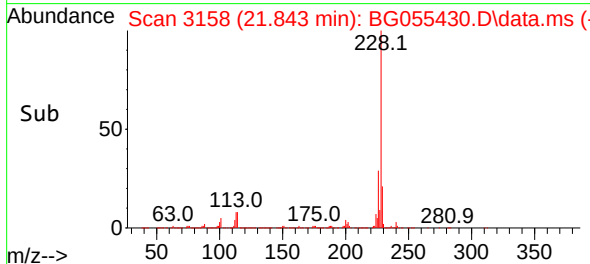
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



Tgt Ion:228 Resp: 592573
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 20.9 16.5 24.7

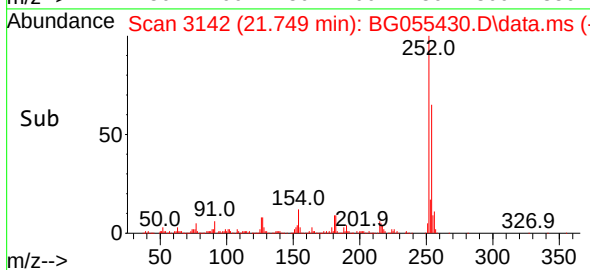
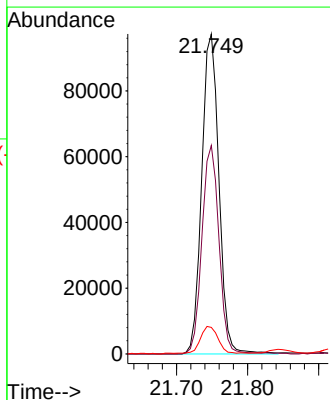
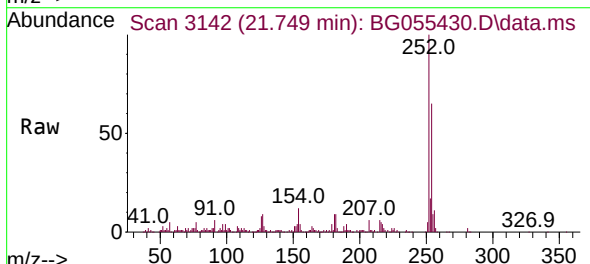
Manual Integrations
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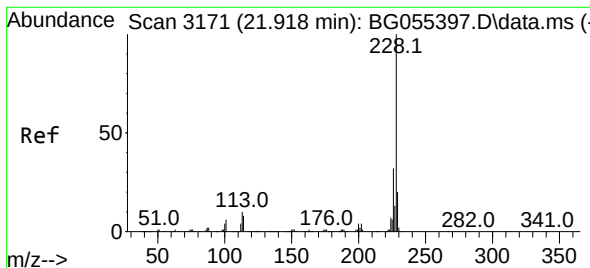
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.743 ng
RT: 21.749 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

Tgt Ion:252 Resp: 162758
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.6
126 8.3 7.3 10.9





#83

Chrysene

Concen: 44.906 ng

RT: 21.913 min Scan# 3170

Delta R.T. -0.005 min

Lab File: BG055430.D

Acq: 3 Nov 2022 1:25

Instrument :

BNA_G

ClientSampleId :

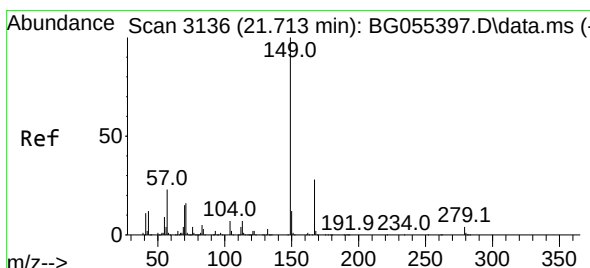
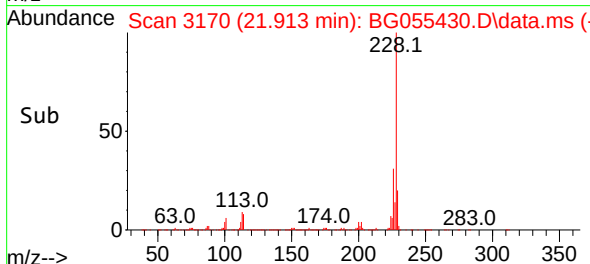
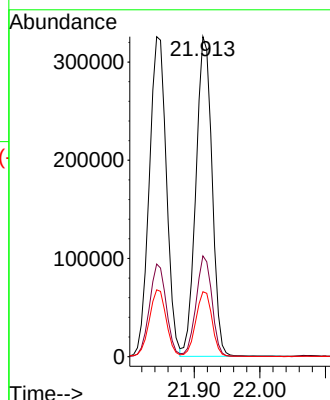
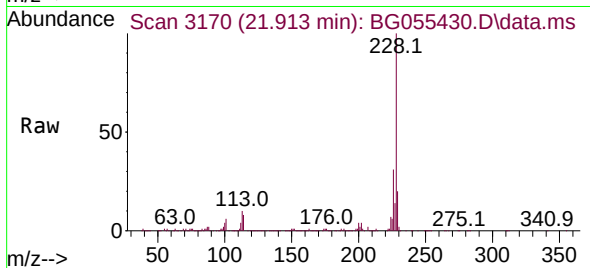
S-7-103122MSD

Tgt Ion:228 Resp: 553404
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.2 37.8
 229 20.3 16.2 24.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.911 ng

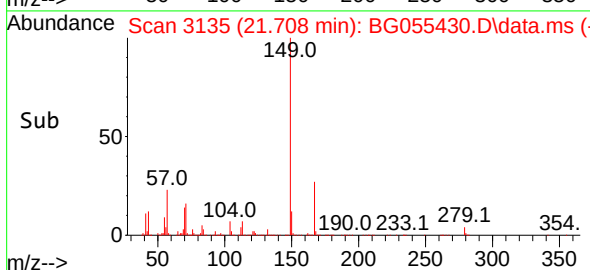
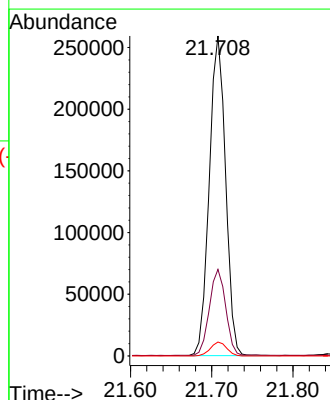
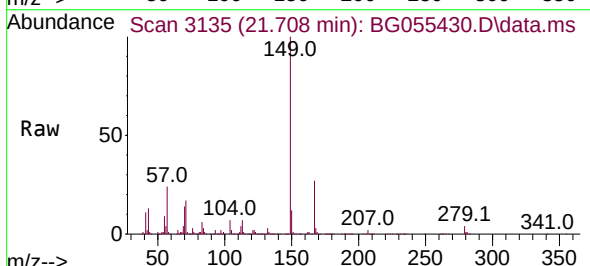
RT: 21.708 min Scan# 3135

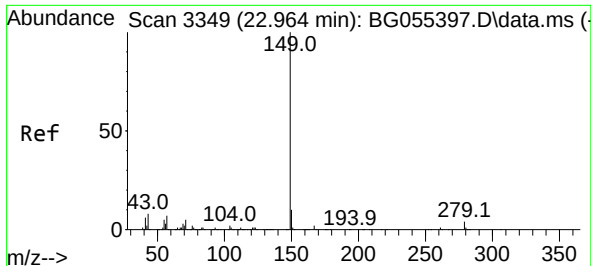
Delta R.T. -0.005 min

Lab File: BG055430.D

Acq: 3 Nov 2022 1:25

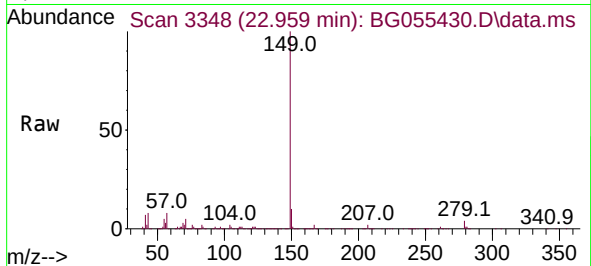
Tgt Ion:149 Resp: 361310
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.0 33.0
 279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 44.756 ng
RT: 22.959 min Scan# 3349
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

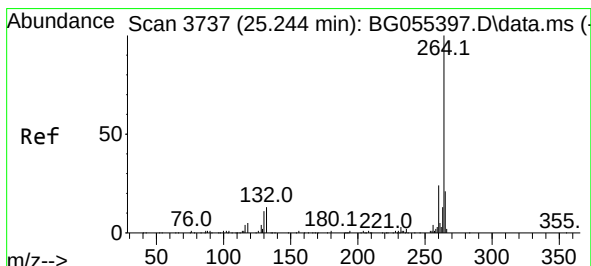
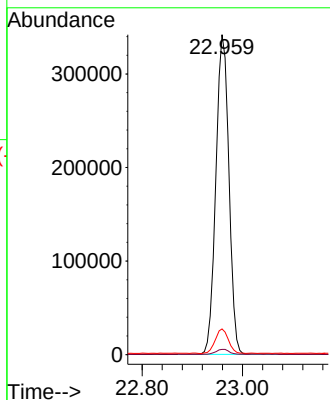
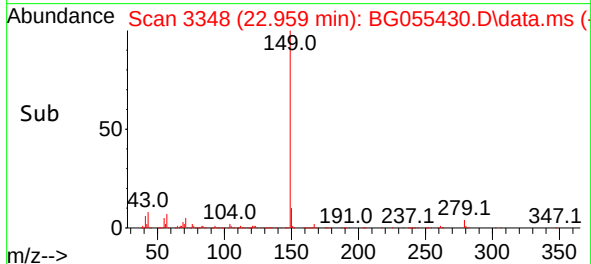
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



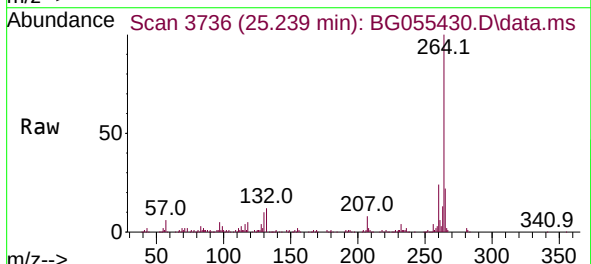
Tgt Ion:149 Resp: 616938
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.3 9.5

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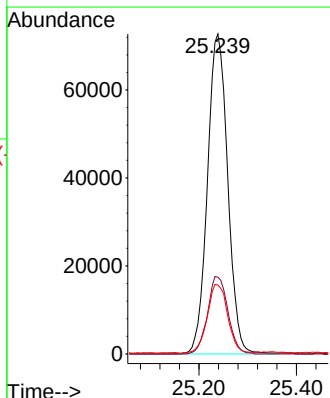
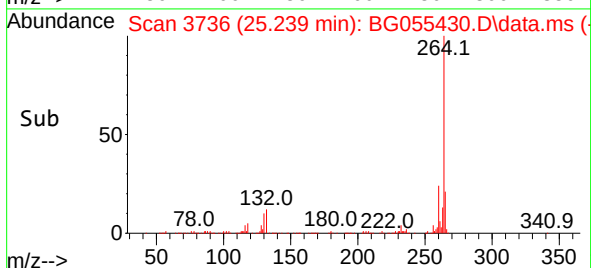
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

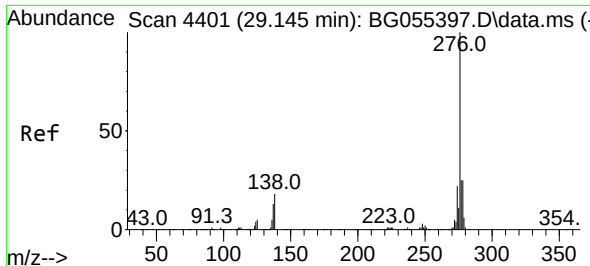


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.239 min Scan# 3736
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



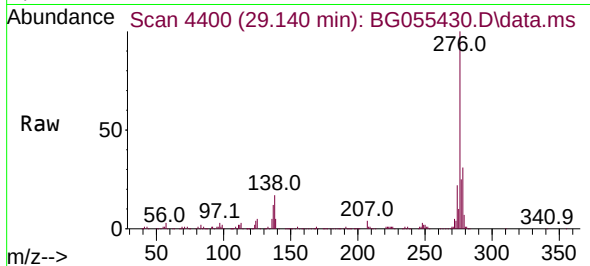
Tgt Ion:264 Resp: 210271
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 21.5 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.351 ng
RT: 29.140 min Scan# 4401
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

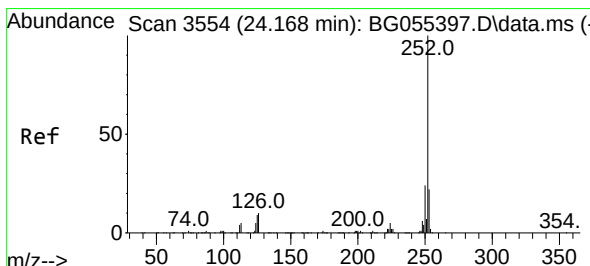
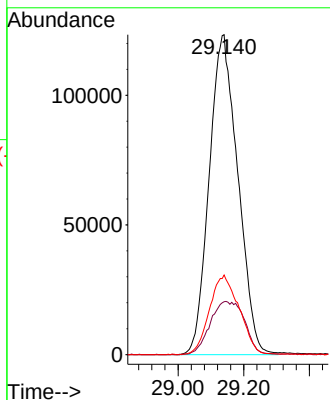
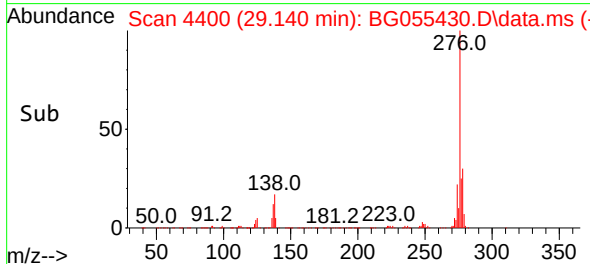
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



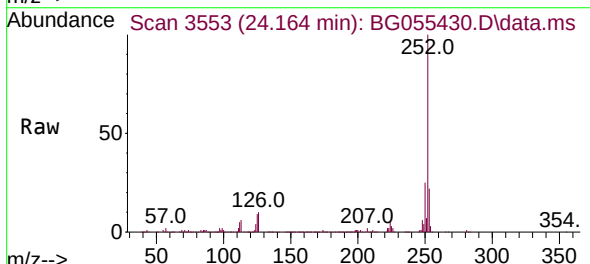
Tgt Ion:276 Resp: 748752
Ion Ratio Lower Upper
276 100
138 20.0 16.2 24.2
277 25.8 20.5 30.7

Manual Integrations
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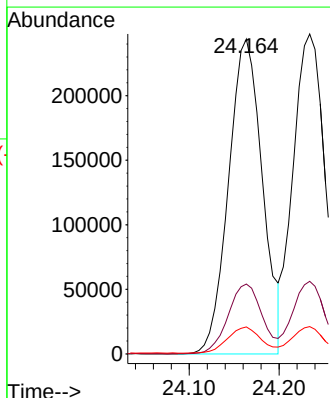
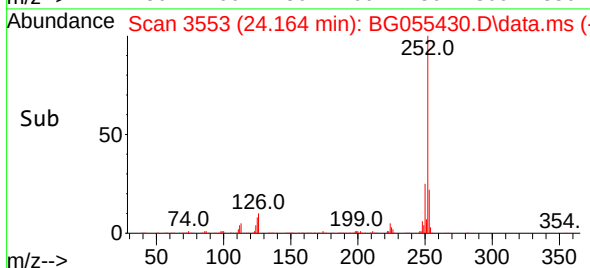
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

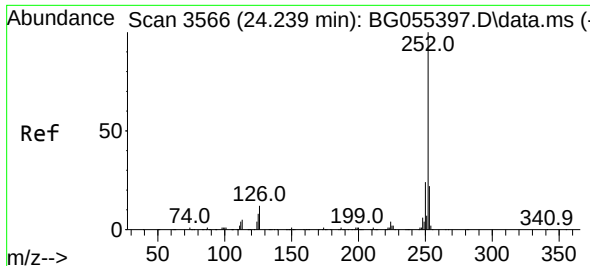


#88
Benzo(b)fluoranthene
Concen: 47.947 ng
RT: 24.164 min Scan# 3553
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



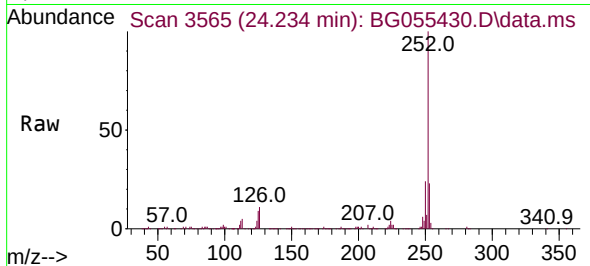
Tgt Ion:252 Resp: 640395
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.5 6.8 10.2





#89
Benzo(k)fluoranthene
Concen: 45.357 ng
RT: 24.234 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

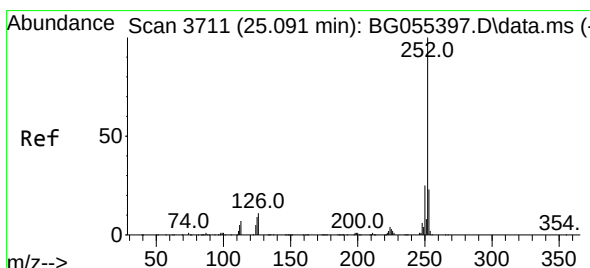
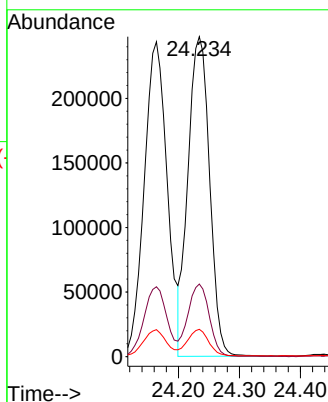
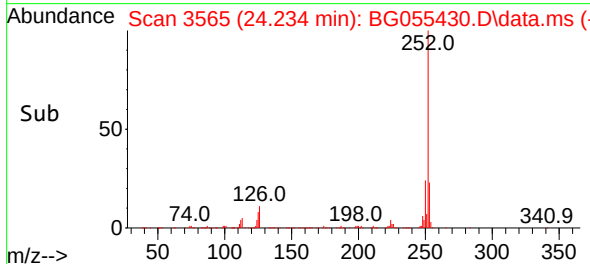
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



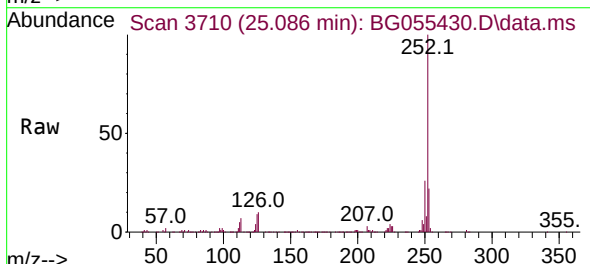
Tgt Ion:252 Resp: 608791
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.5 6.9 10.3

Manual Integrations
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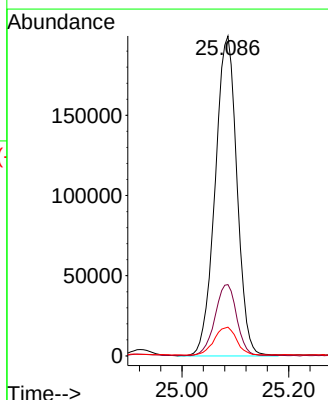
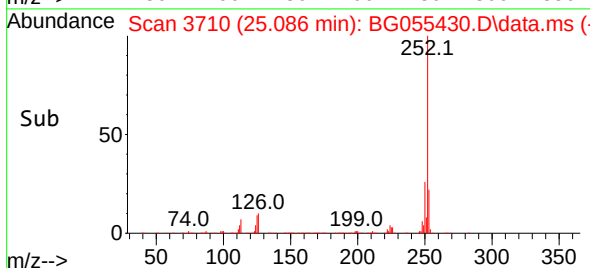
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

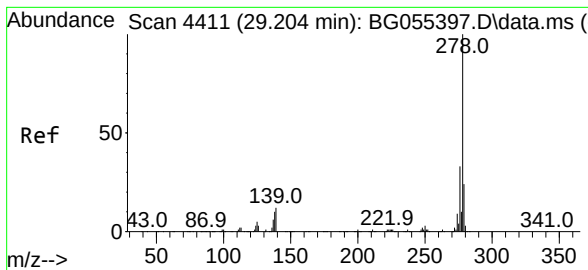


#90
Benzo(a)pyrene
Concen: 49.045 ng
RT: 25.086 min Scan# 3710
Delta R.T. -0.005 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



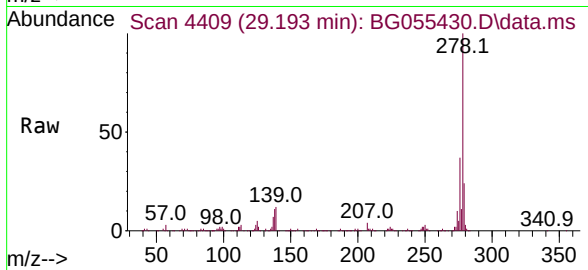
Tgt Ion:252 Resp: 566411
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.0 7.1 10.7





#91
Dibenzo(a,h)anthracene
Concen: 45.637 ng
RT: 29.193 min Scan# 4411
Delta R.T. -0.011 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25

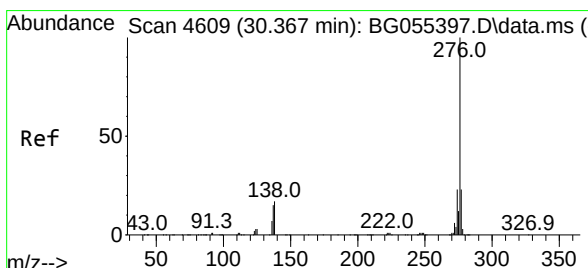
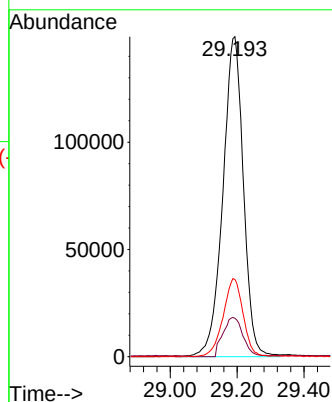
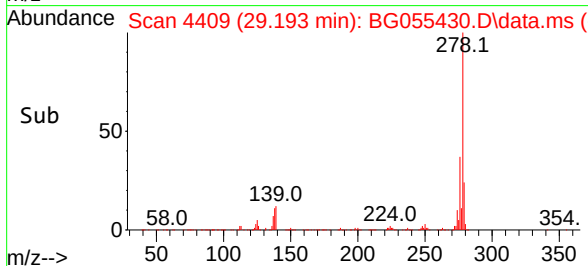
Instrument :
BNA_G
ClientSampleId :
S-7-103122MSD



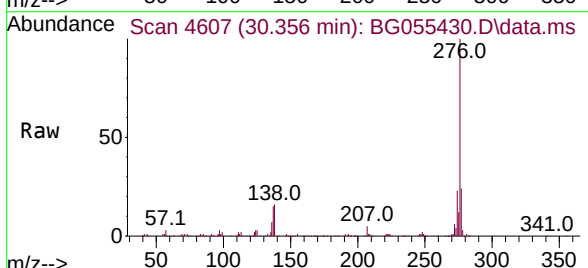
Tgt Ion:278 Resp: 635655
Ion Ratio Lower Upper
278 100
139 12.0 9.9 14.9
279 24.1 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#92
Benzo(g,h,i)perylene
Concen: 45.414 ng
RT: 30.356 min Scan# 4607
Delta R.T. -0.011 min
Lab File: BG055430.D
Acq: 3 Nov 2022 1:25



Tgt Ion:276 Resp: 629109
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 16.4 13.4 20.0

