

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056011.D
 Acq On : 19 Dec 2022 13:03
 Operator : CG/JU
 Sample : PB149627BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 01:05:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 01:01:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	7627	20.000	ng	0.00
21) Naphthalene-d8	11.203	136	32437	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	30483	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	91639	20.000	ng	0.00
76) Chrysene-d12	22.025	240	102427	20.000	ng	0.00
86) Perylene-d12	25.515	264	108541	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	48872	150.273	ng	0.00
7) Phenol-d6	7.495	99	60957	145.733	ng	0.00
23) Nitrobenzene-d5	9.540	82	39801	85.747	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	97023	131.998	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	153401	70.578	ng	0.00
79) Terphenyl-d14	20.286	244	452319	78.048	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	3590	37.931	ng	98
3) Pyridine	4.123	79	9799	31.460	ng	94
4) n-Nitrosodimethylamine	4.034	42	10256	36.629	ng	# 93
6) Aniline	7.677	93	18195	36.332	ng	93
8) 2-Chlorophenol	7.924	128	20272	48.315	ng	97
9) Benzaldehyde	7.495	77	4859	18.497	ng	99
10) Phenol	7.524	94	22291	48.693	ng	96
11) bis(2-Chloroethyl)ether	7.765	93	12958	43.456	ng	93
12) 1,3-Dichlorobenzene	8.259	146	22377	41.228	ng	93
13) 1,4-Dichlorobenzene	8.406	146	23174	41.779	ng	95
14) 1,2-Dichlorobenzene	8.729	146	22329	42.122	ng	96
15) Benzyl Alcohol	8.594	79	19074	43.886	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.888	45	17987	46.347	ng	94
17) 2-Methylphenol	8.794	107	17047	47.329	ng	94
18) Hexachloroethane	9.463	117	7395	43.920	ng	97
19) n-Nitroso-di-n-propyla...	9.170	70	12681	42.296	ng	95
20) 3+4-Methylphenols	9.123	107	23030	44.806	ng	94
22) Acetophenone	9.193	105	30615	38.074	ng	96
24) Nitrobenzene	9.587	77	20564	44.014	ng	95
25) Isophorone	10.104	82	37723	38.757	ng	99
26) 2-Nitrophenol	10.298	139	12158	43.958	ng	97
27) 2,4-Dimethylphenol	10.339	122	21528m	46.347	ng	
28) bis(2-Chloroethoxy)met...	10.586	93	19129	44.469	ng	97
29) 2,4-Dichlorophenol	10.832	162	26853	40.730	ng	94
30) 1,2,4-Trichlorobenzene	11.056	180	31181	36.383	ng	98
31) Naphthalene	11.255	128	62680	36.622	ng	98
32) Benzoic acid	10.450	122	16293	41.732	ng	90
33) 4-Chloroaniline	11.344	127	18340	24.996	ng	98
34) Hexachlorobutadiene	11.532	225	28249	35.060	ng	94
35) Caprolactam	12.113	113	7295m	39.714	ng	
36) 4-Chloro-3-methylphenol	12.436	107	25490	41.232	ng	92
37) 2-Methylnaphthalene	12.830	142	54267	35.888	ng	96
38) 1-Methylnaphthalene	13.047	142	51401	34.893	ng	98
40) 1,2,4,5-Tetrachloroben...	13.188	216	48502	37.712	ng	99
41) Hexachlorocyclopentadiene	13.171	237	67805	92.930	ng	99
43) 2,4,6-Trichlorophenol	13.418	196	31203	40.985	ng	95

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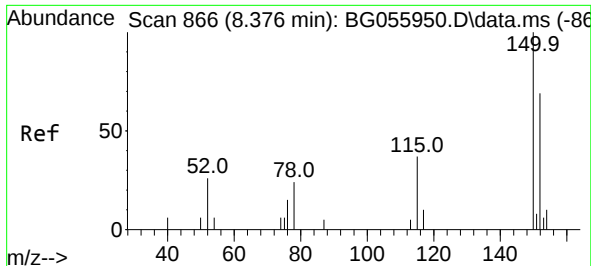
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.488	196	35015	40.800	ng	98
46) 1,1'-Biphenyl	13.817	154	80668	39.042	ng	98
47) 2-Chloronaphthalene	13.864	162	63942	38.086	ng	95
48) 2-Nitroaniline	14.052	65	15845	47.883	ng	92
49) Acenaphthylene	14.704	152	101227	37.774	ng	97
50) Dimethylphthalate	14.416	163	98157	37.245	ng	99
51) 2,6-Dinitrotoluene	14.534	165	19600	48.059	ng	92
52) Acenaphthene	15.045	154	79003	43.914	ng	99
53) 3-Nitroaniline	14.869	138	13360	32.206	ng	# 89
54) 2,4-Dinitrophenol	15.069	184	28912	95.360	ng	# 79
55) Dibenzofuran	15.374	168	114041	37.696	ng	96
56) 4-Nitrophenol	15.157	139	31803	95.671	ng	98
57) 2,4-Dinitrotoluene	15.315	165	29493	47.909	ng	# 84
58) Fluorene	16.015	166	93212	37.691	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.586	232	40130	40.930	ng	99
60) Diethylphthalate	15.768	149	95381	37.028	ng	97
61) 4-Chlorophenyl-phenyle...	15.997	204	63538	37.714	ng	99
62) 4-Nitroaniline	16.026	138	19531	43.234	ng	97
63) Azobenzene	16.291	77	59671	38.060	ng	96
65) 4,6-Dinitro-2-methylph...	16.079	198	18830	43.014	ng	96
66) n-Nitrosodiphenylamine	16.208	169	89194	37.142	ng	98
67) 4-Bromophenyl-phenylether	16.896	248	48387	36.034	ng	94
68) Hexachlorobenzene	17.019	284	60180	36.385	ng	96
69) Atrazine	17.143	200	38365	35.283	ng	97
70) Pentachlorophenol	17.354	266	80521	85.156	ng	93
71) Phenanthrene	17.760	178	176724	36.799	ng	99
72) Anthracene	17.848	178	177158	37.288	ng	99
73) Carbazole	18.106	167	149933	38.263	ng	99
74) Di-n-butylphthalate	18.641	149	165445	36.306	ng	99
75) Fluoranthene	19.745	202	239991	35.688	ng	99
77) Benzidine	19.910	184	80787	44.912	ng	99
78) Pyrene	20.104	202	242783	39.172	ng	99
80) Butylbenzylphthalate	20.973	149	70218	39.981	ng	98
81) Benzo(a)anthracene	22.002	228	264489	36.696	ng	98
82) 3,3'-Dichlorobenzidine	21.902	252	90837	35.029	ng	98
83) Chrysene	22.072	228	247611	36.656	ng	99
84) Bis(2-ethylhexyl)phtha...	21.878	149	98892	37.900	ng	99
85) Di-n-octyl phthalate	23.188	149	168496	38.069	ng	100
87) Indeno(1,2,3-cd)pyrene	29.546	276	330895	37.911	ng	99
88) Benzo(b)fluoranthene	24.399	252	296548	42.215	ng	98
89) Benzo(k)fluoranthene	24.475	252	281131	40.112	ng	97
90) Benzo(a)pyrene	25.351	252	255198	42.979	ng	# 99
91) Dibenzo(a,h)anthracene	29.616	278	288433	39.482	ng	# 96
92) Benzo(g,h,i)perylene	30.809	276	278132	39.377	ng	96

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



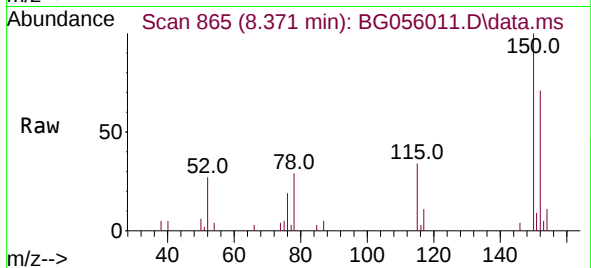
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 866
Delta R.T. 0.007 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

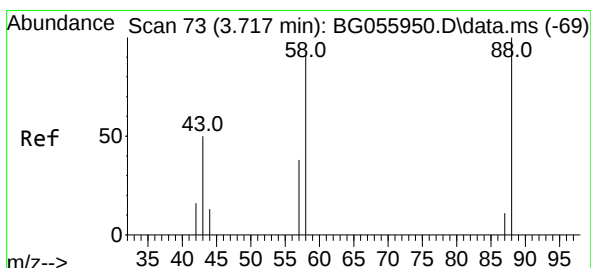
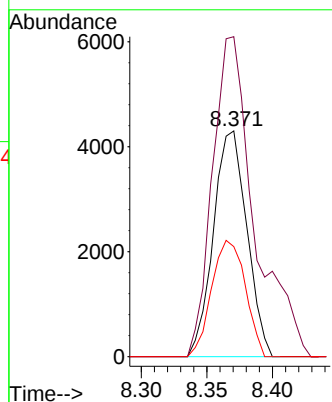
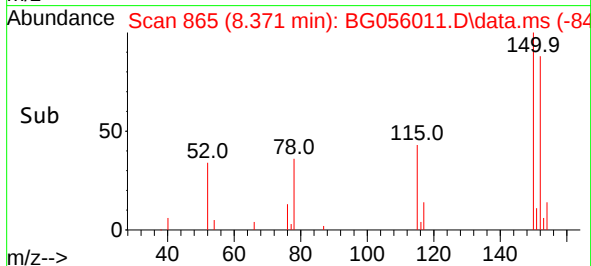


Tgt Ion:152 Resp: 762
Ion Ratio Lower Upper
152 100
150 141.8 115.7 173.5
115 48.8 43.0 64.4

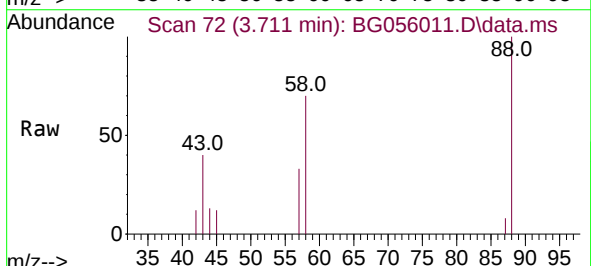
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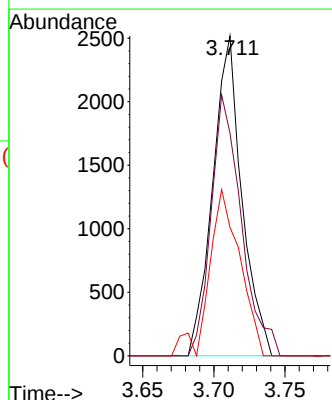
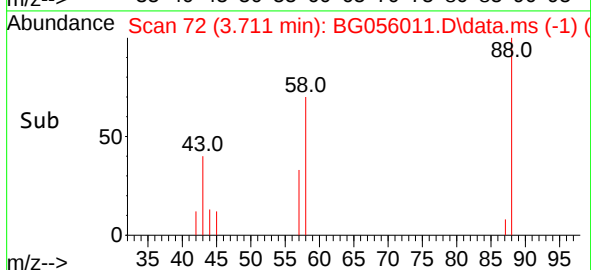
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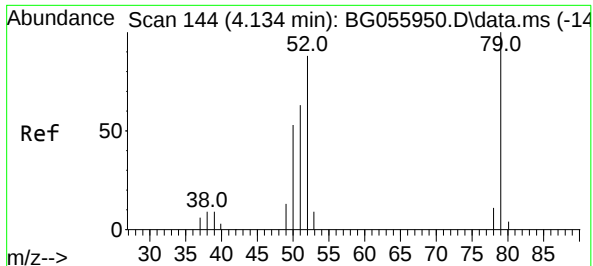


#2
1,4-Dioxane
Concen: 37.931 ng
RT: 3.711 min Scan# 72
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



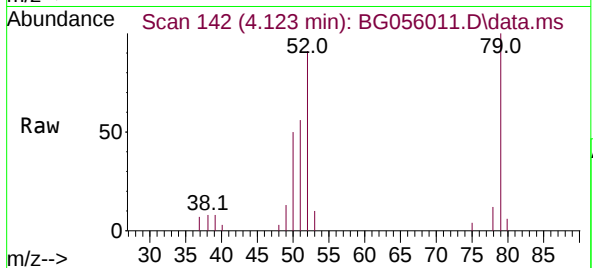
Tgt Ion: 88 Resp: 3590
Ion Ratio Lower Upper
88 100
58 84.7 67.0 100.4
43 55.1 45.7 68.5





#3
Pyridine
Concen: 31.460 ng
RT: 4.123 min Scan# 144
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

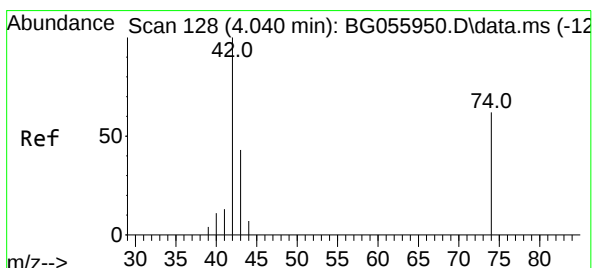
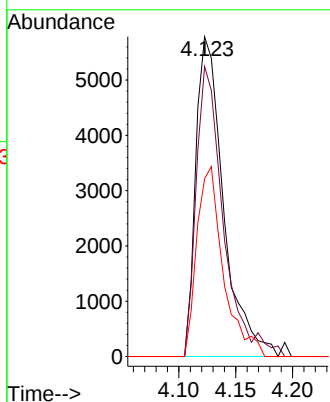
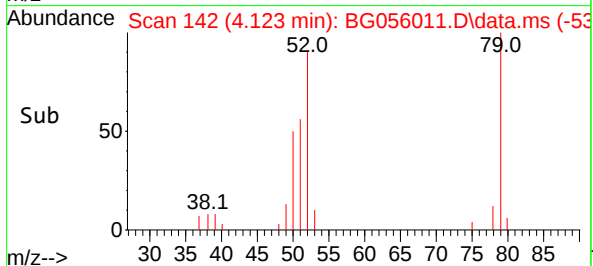
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ClientSampleId :
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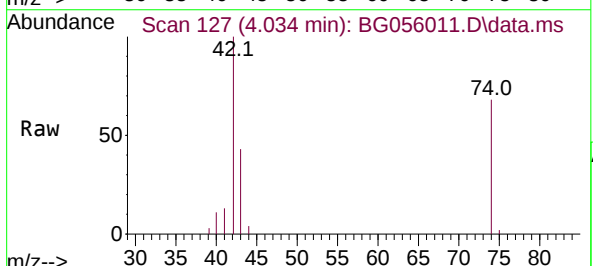
Tgt Ion: 79 Resp: 9799
Ion Ratio Lower Upper
79 100
52 90.7 70.3 105.5
51 55.6 50.6 76.0

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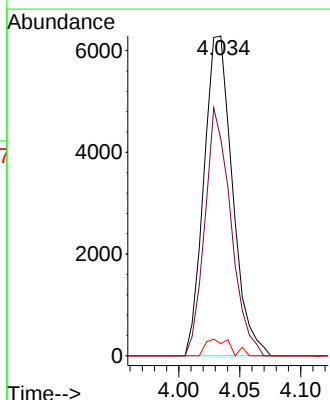
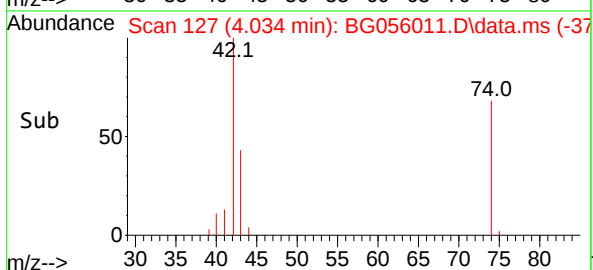
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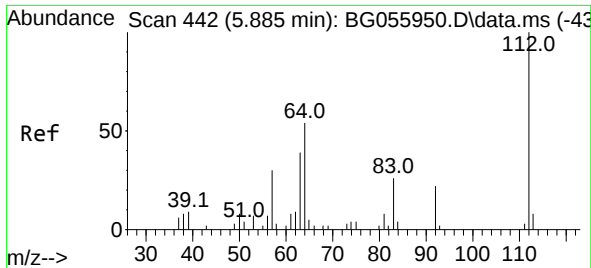


#4
n-Nitrosodimethylamine
Concen: 36.629 ng
RT: 4.034 min Scan# 127
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion: 42 Resp: 10256
Ion Ratio Lower Upper
42 100
74 67.8 49.8 74.6
44 3.9 5.2 7.8#





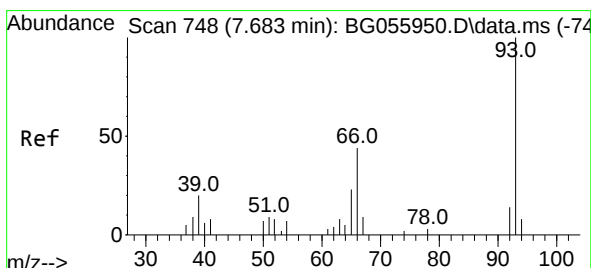
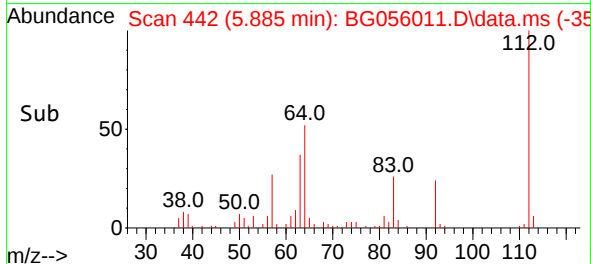
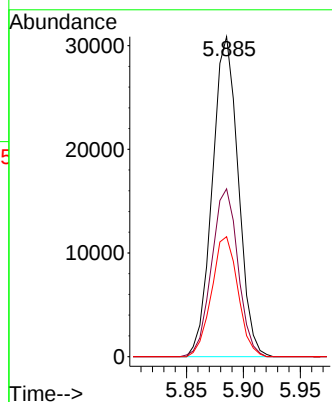
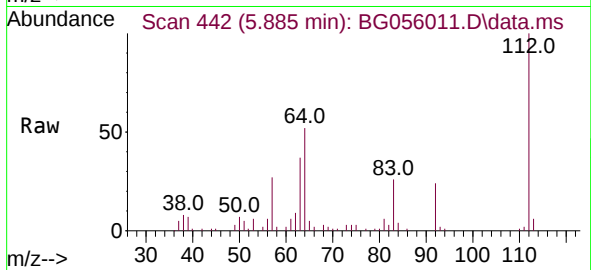
#5
2-Fluorophenol
Concen: 150.273 ng
RT: 5.885 min Scan# 442
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 48872
Ion Ratio Lower Upper
112 100
64 52.4 43.0 64.4
63 37.5 31.4 47.2

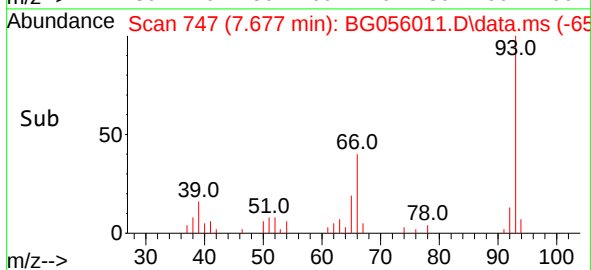
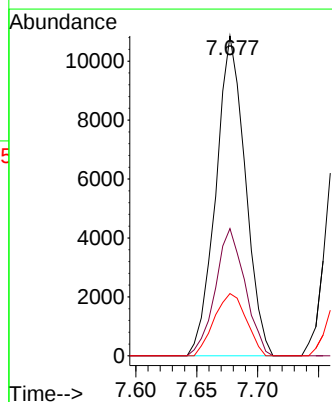
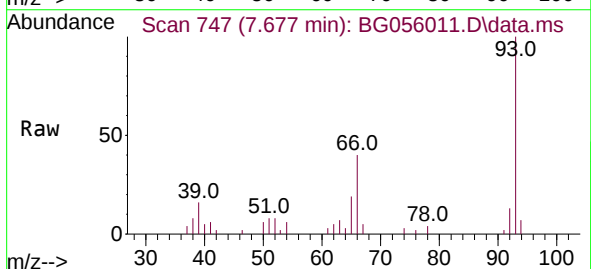
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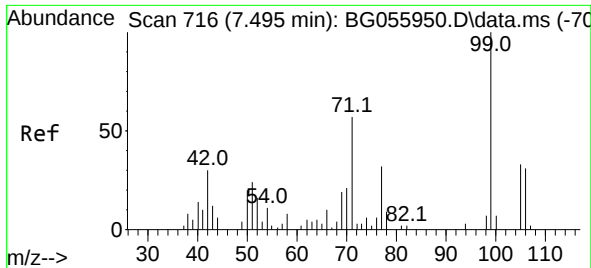
Reviewed By :Christian Giraldo 12/20/2022
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#6
Aniline
Concen: 36.332 ng
RT: 7.677 min Scan# 747
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

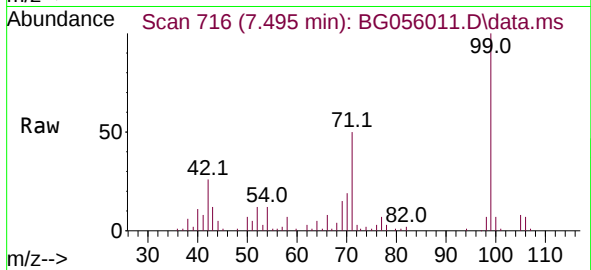
Tgt Ion: 93 Resp: 18195
Ion Ratio Lower Upper
93 100
66 39.8 35.5 53.3
65 19.5 18.2 27.2





#7
Phenol-d6
Concen: 145.733 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

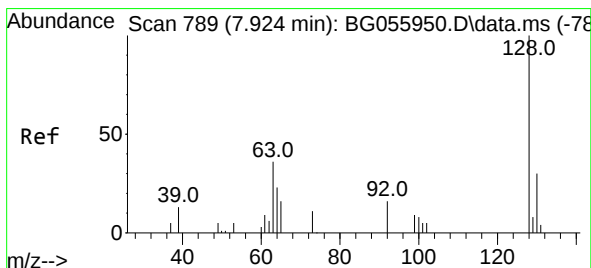
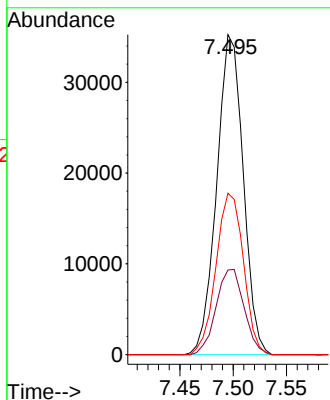
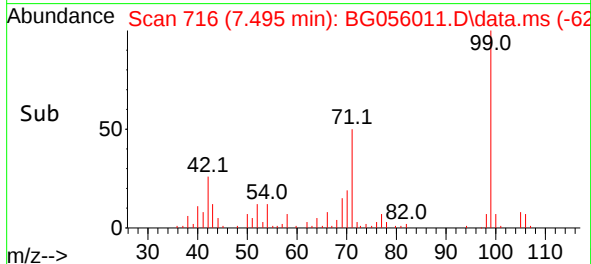
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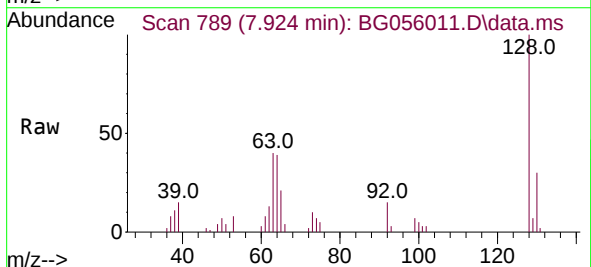
Tgt Ion: 99 Resp: 60952
Ion Ratio Lower Upper
99 100
42 26.4 24.3 36.5
71 50.4 45.6 68.4

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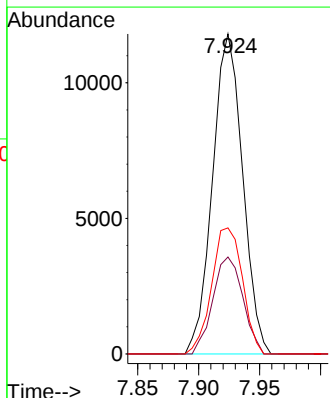
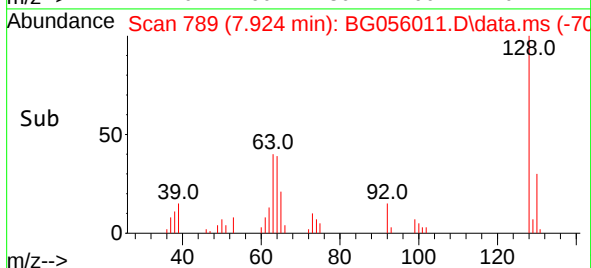
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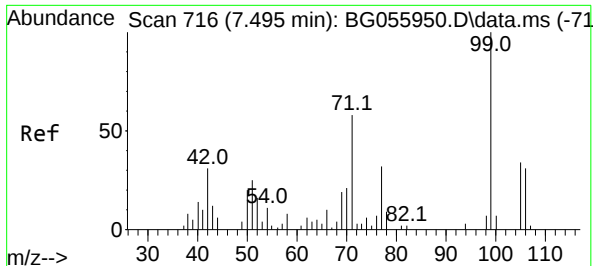


#8
2-Chlorophenol
Concen: 48.315 ng
RT: 7.924 min Scan# 789
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:128 Resp: 20272
Ion Ratio Lower Upper
128 100
130 30.3 9.9 49.9
64 39.4 16.7 56.7





#9

Benzaldehyde

Concen: 18.497 ng

RT: 7.495 min Scan# 716

Delta R.T. 0.001 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

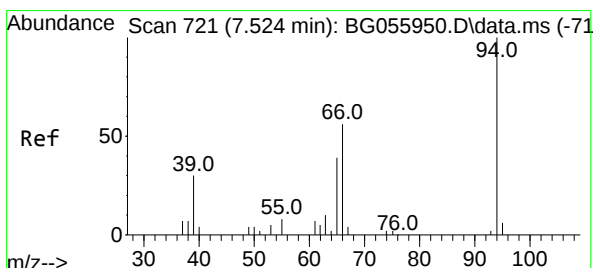
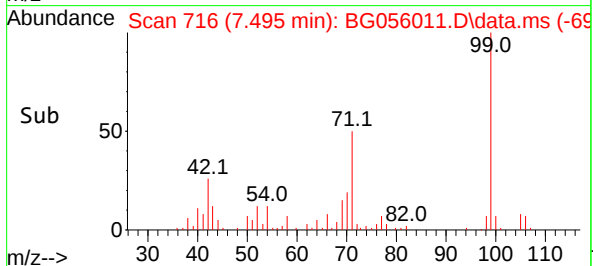
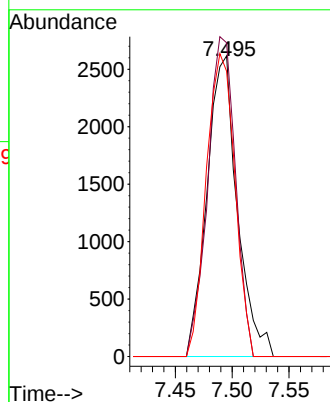
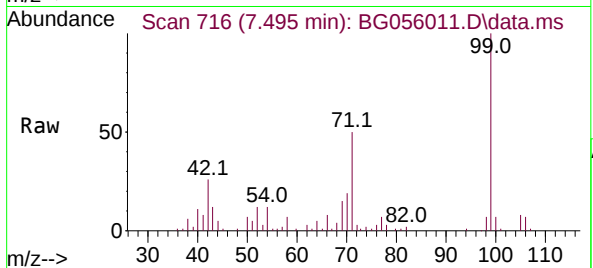
Tgt Ion: 77 Resp: 4859

Ion	Ratio	Lower	Upper
77	100		
105	104.4	83.1	123.1
106	94.9	76.3	116.3

Manual Integrations

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#10

Phenol

Concen: 48.693 ng

RT: 7.524 min Scan# 721

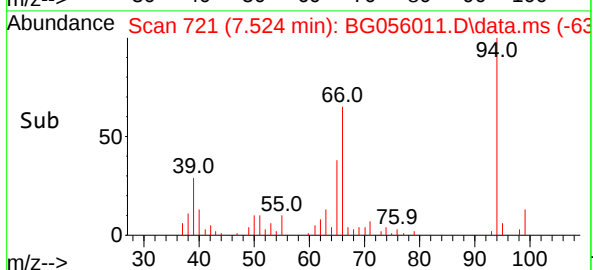
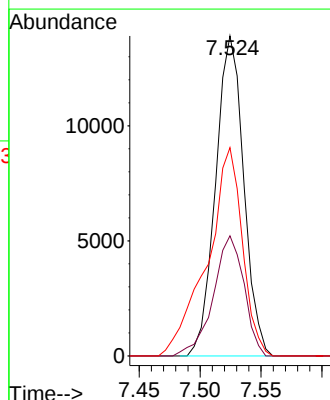
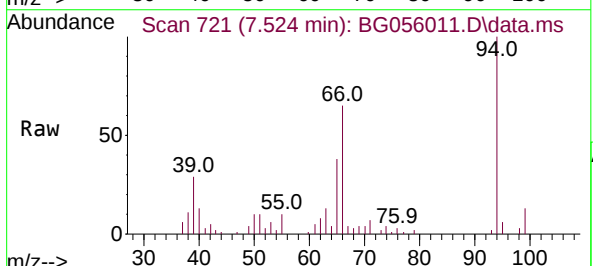
Delta R.T. 0.001 min

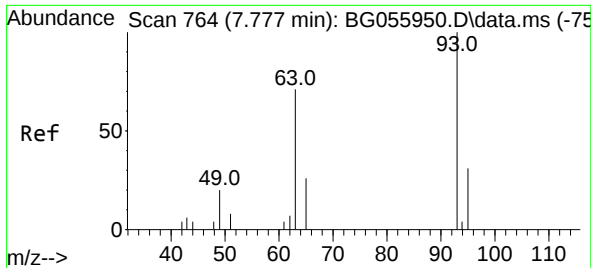
Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Tgt Ion: 94 Resp: 22291

Ion	Ratio	Lower	Upper
94	100		
65	37.5	18.9	58.9
66	65.1	41.5	81.5





#11
bis(2-Chloroethyl)ether
Concen: 43.456 ng
RT: 7.765 min Scan# 762
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

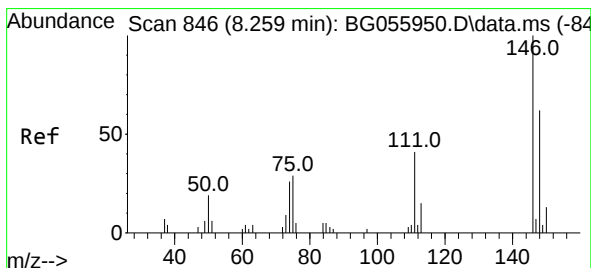
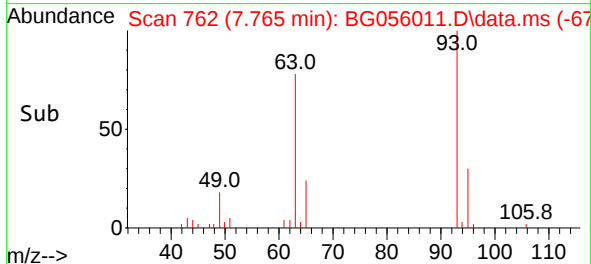
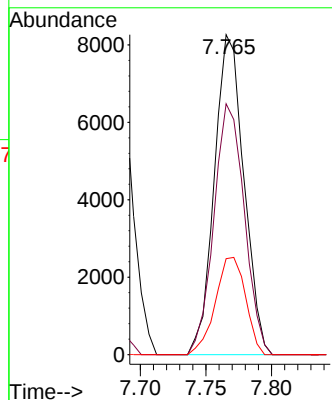
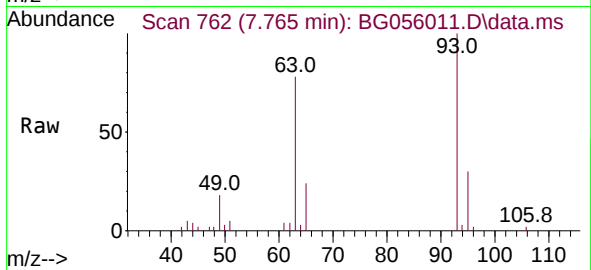
ClientSampleId :

PB149627BS

Tgt Ion: 93 Resp: 12958
Ion Ratio Lower Upper
93 100
63 78.4 51.4 91.4
95 30.0 11.3 51.3

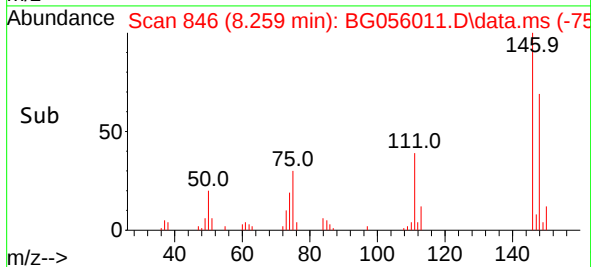
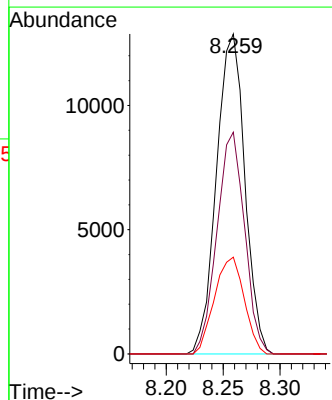
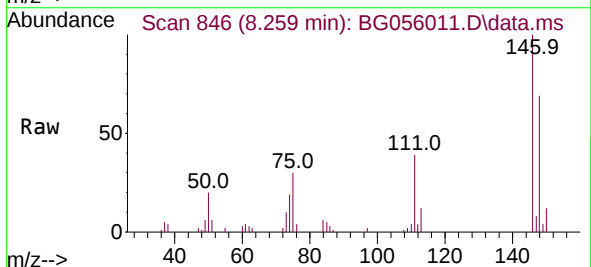
Manual Integrations
APPROVED

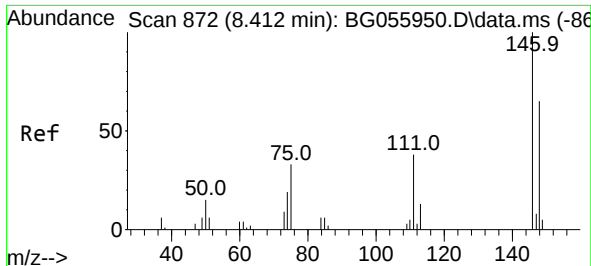
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#12
1,3-Dichlorobenzene
Concen: 41.228 ng
RT: 8.259 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:146 Resp: 22377
Ion Ratio Lower Upper
146 100
148 69.3 49.7 74.5
75 30.2 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 41.779 ng

RT: 8.406 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

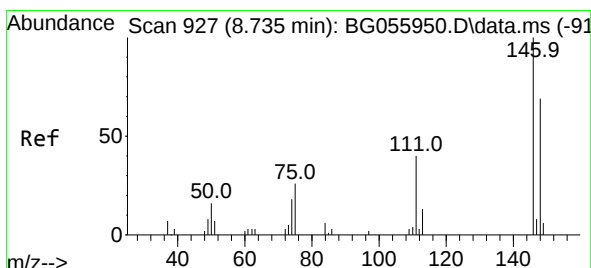
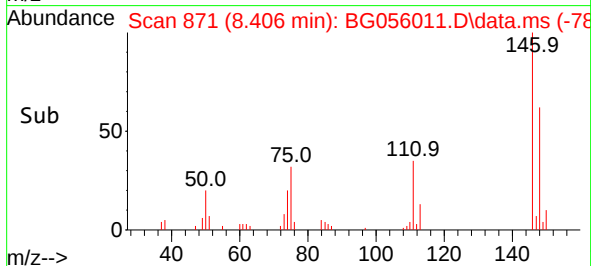
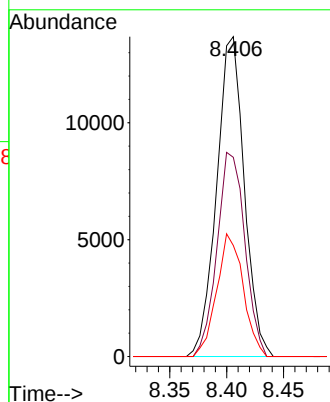
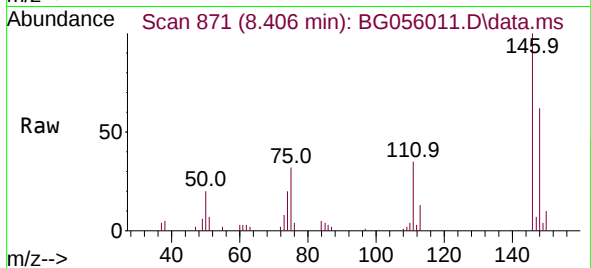
PB149627BS

Tgt Ion:146	Resp:	23174
Ion Ratio	Lower	Upper
146	100	
148	62.3	52.4 78.6
111	34.7	30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#14

1,2-Dichlorobenzene

Concen: 42.122 ng

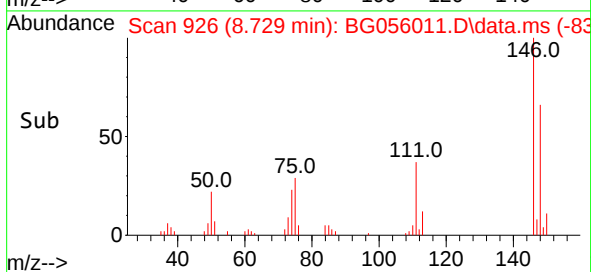
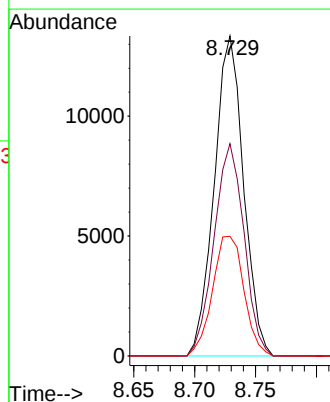
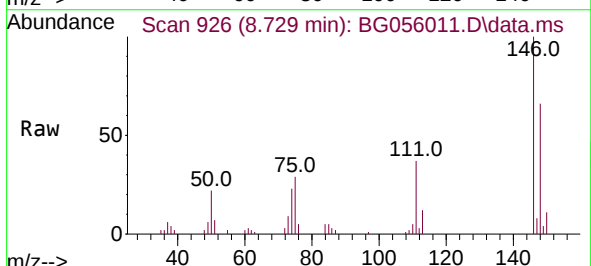
RT: 8.729 min Scan# 926

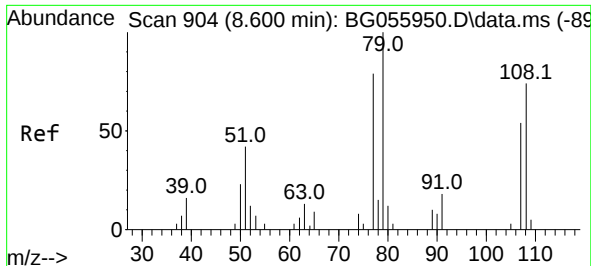
Delta R.T. 0.001 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Tgt Ion:146	Resp:	22329
Ion Ratio	Lower	Upper
146	100	
148	66.3	55.1 82.7
111	37.4	32.4 48.6





#15
Benzyl Alcohol
Concen: 43.886 ng
RT: 8.594 min Scan# 904
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

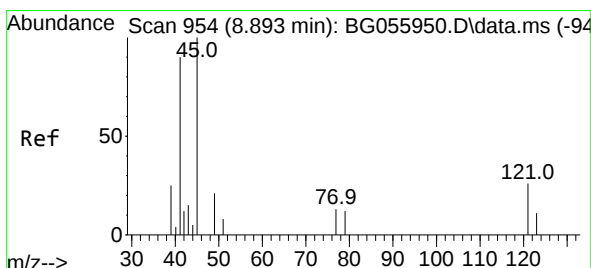
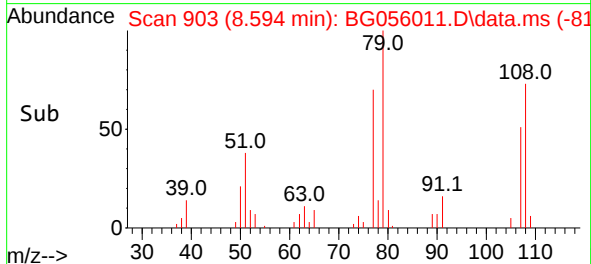
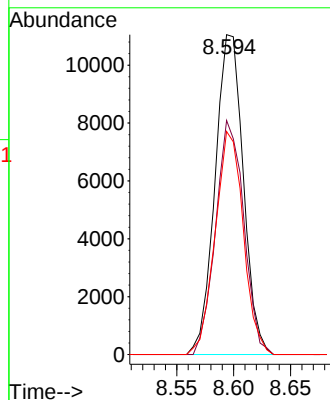
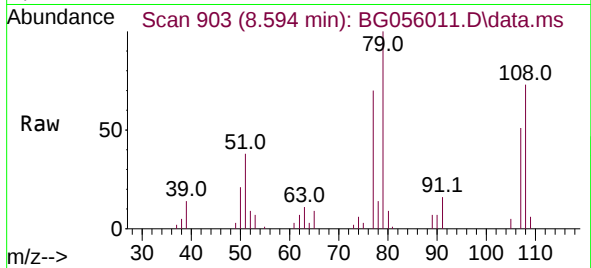
ClientSampleId :

PB149627BS

Tgt Ion: 79 Resp: 19074
Ion Ratio Lower Upper
79 100
108 73.2 59.5 89.3
77 69.7 63.0 94.6

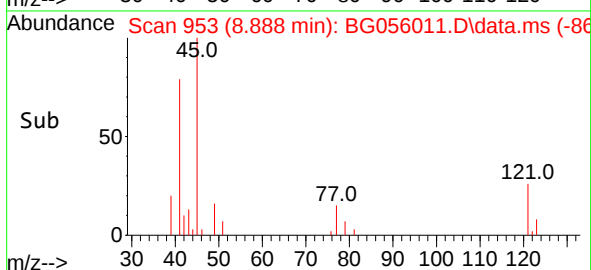
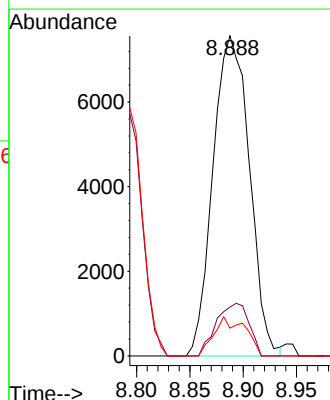
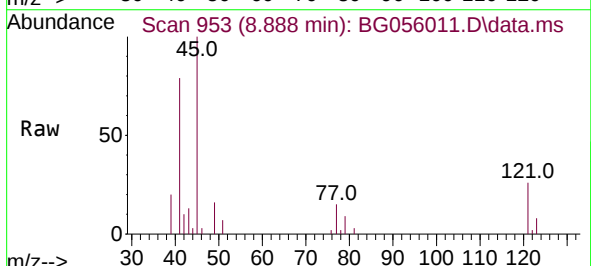
Manual Integrations
APPROVED

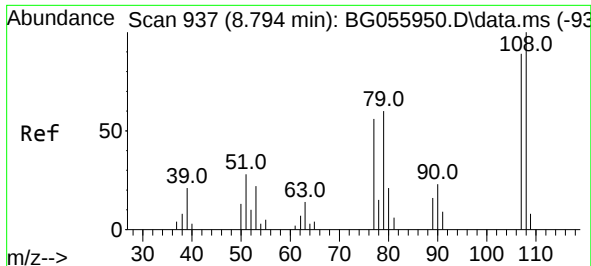
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.347 ng
RT: 8.888 min Scan# 953
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

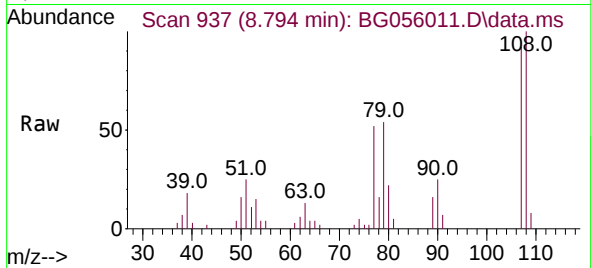
Tgt Ion: 45 Resp: 17987
Ion Ratio Lower Upper
45 100
77 15.2 0.0 33.4
79 8.7 0.0 31.8





#17
2-Methylphenol
Concen: 47.329 ng
RT: 8.794 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

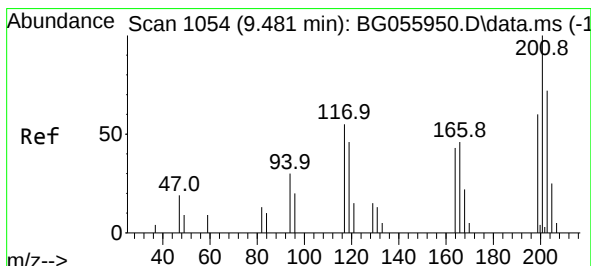
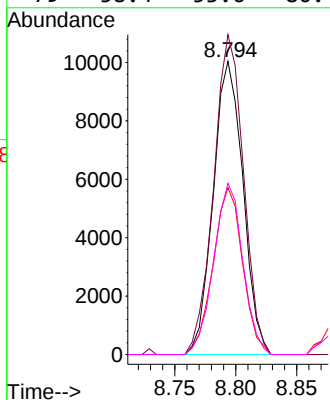
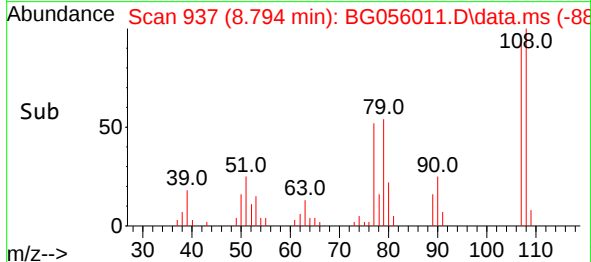
Instrument :
BNA_G
ClientSampleId :
PB149627BS



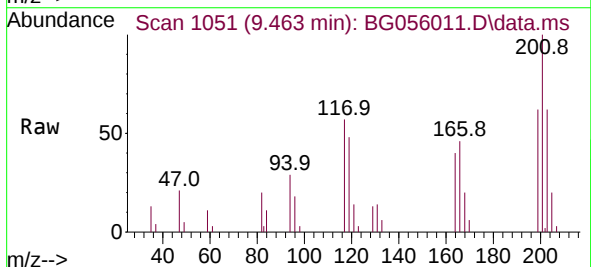
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.2	89.8	134.8
77	57.0	50.2	75.2
79	58.4	53.6	80.4

Manual Integrations
APPROVED

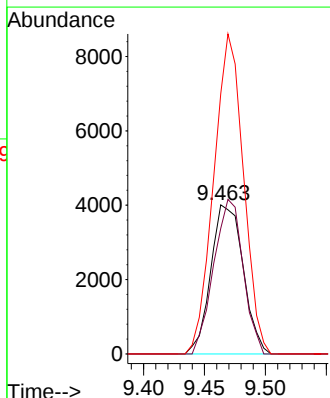
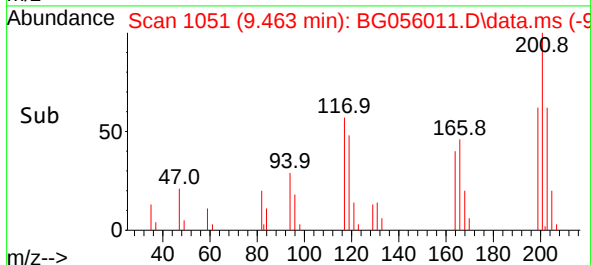
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

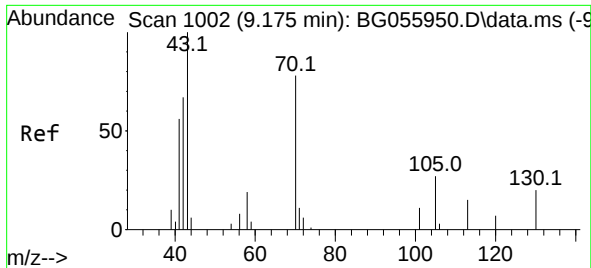


#18
Hexachloroethane
Concen: 43.920 ng
RT: 9.463 min Scan# 1051
Delta R.T. -0.011 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.2	66.8	100.2
201	174.5	144.6	217.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.296 ng
RT: 9.170 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

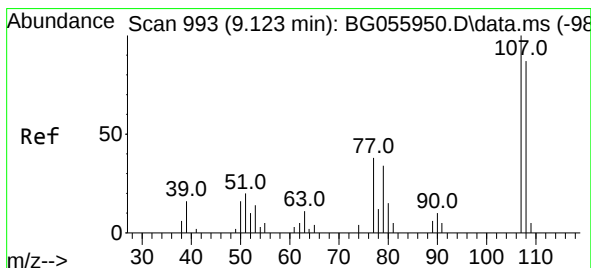
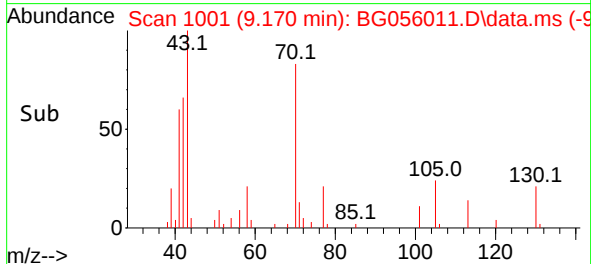
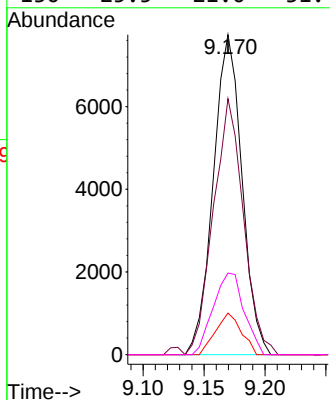
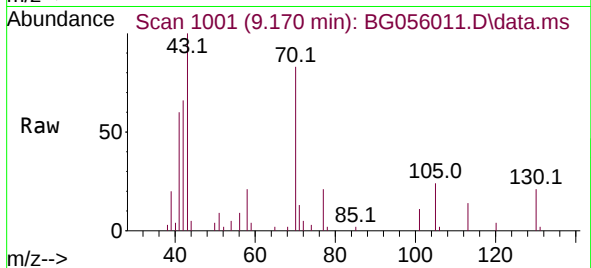
PB149627BS

Tgt Ion: 70 Resp: 1268
Ion Ratio Lower Upper
70 100
42 80.0 69.0 103.4
101 13.0 11.8 17.8
130 25.5 21.0 31.4

Manual Integrations

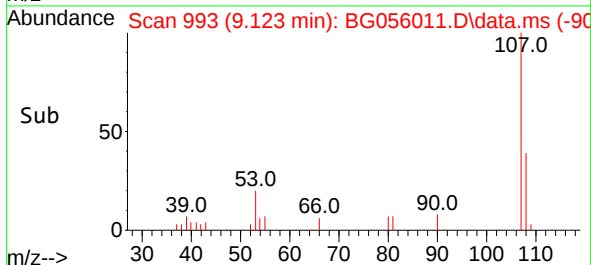
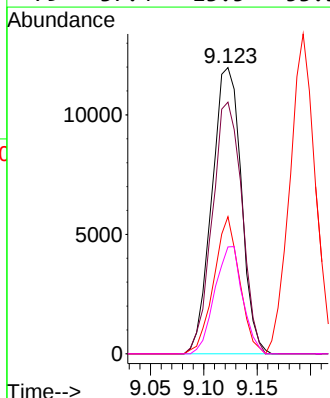
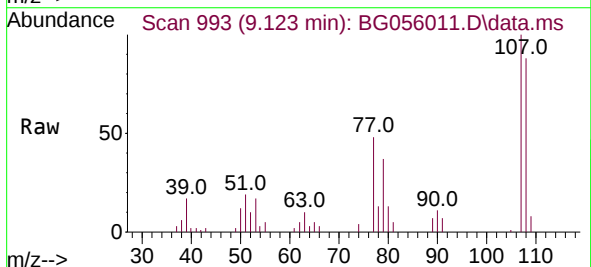
APPROVED

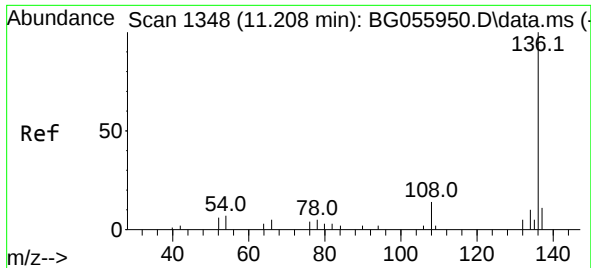
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#20
3+4-Methylphenols
Concen: 44.806 ng
RT: 9.123 min Scan# 993
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:107 Resp: 23030
Ion Ratio Lower Upper
107 100
108 87.9 67.0 107.0
77 47.9 18.3 58.3
79 37.4 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.203 min Scan# 1348
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

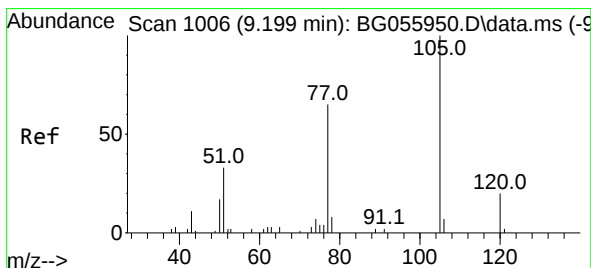
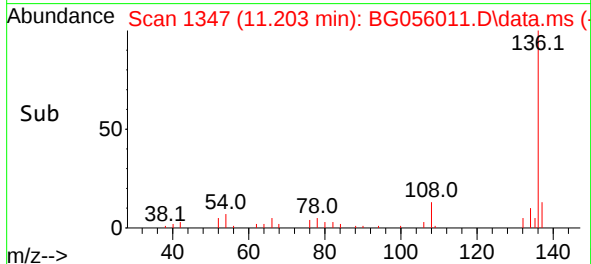
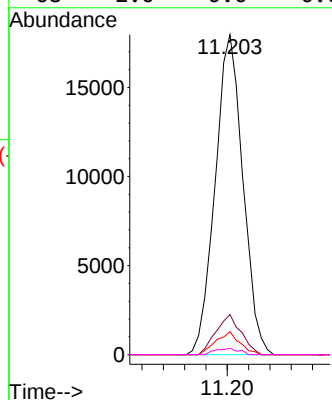
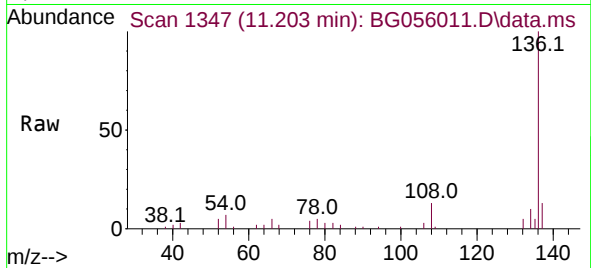
ClientSampleId :

PB149627BS

Tgt Ion:136 Resp: 32437
Ion Ratio Lower Upper
136 100
137 12.5 9.2 13.8
54 7.2 5.6 8.4
68 2.0 0.0 0.0#

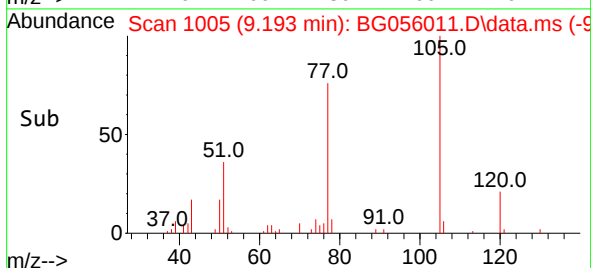
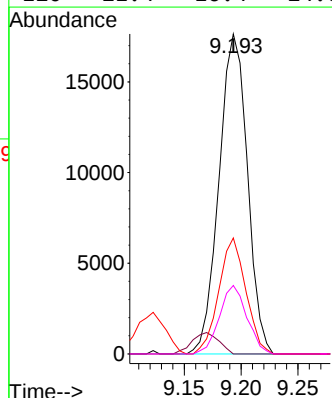
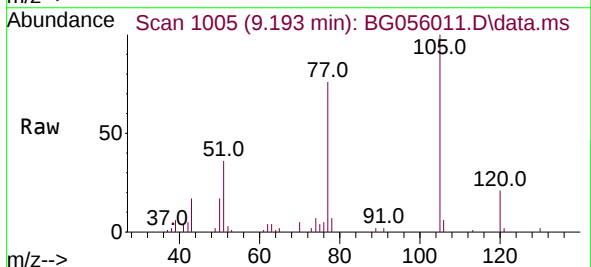
Manual Integrations
APPROVED

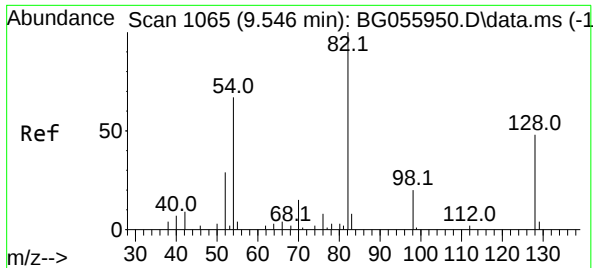
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#22
Acetophenone
Concen: 38.074 ng
RT: 9.193 min Scan# 1005
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:105 Resp: 30615
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 36.2 26.7 40.1
120 21.4 16.4 24.6





#23
Nitrobenzene-d5
Concen: 85.747 ng
RT: 9.540 min Scan# 1064
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

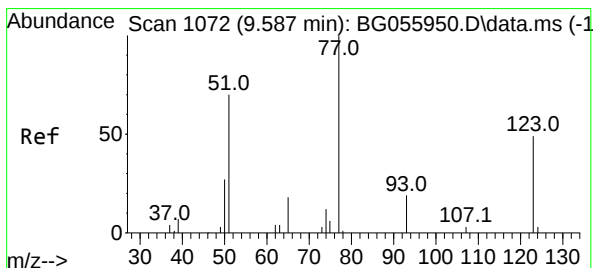
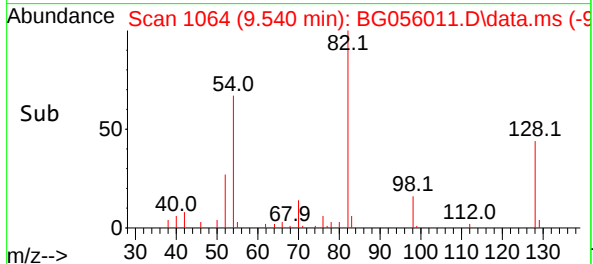
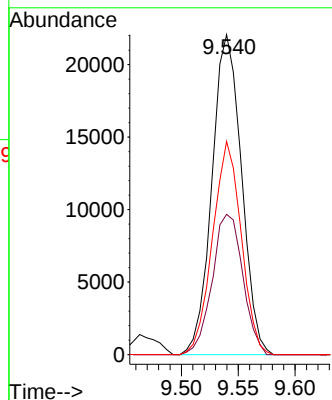
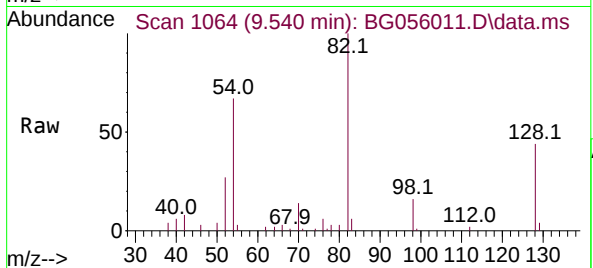
ClientSampleId :

PB149627BS

Tgt Ion: 82 Resp: 3980
Ion Ratio Lower Upper
82 100
128 43.8 38.4 57.6
54 66.6 53.3 79.9

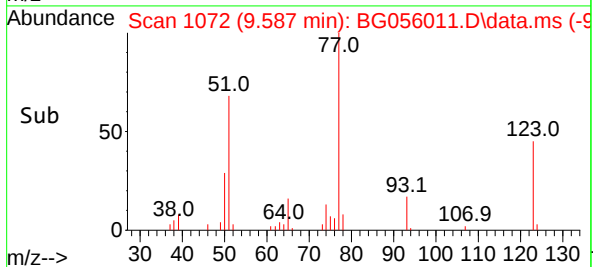
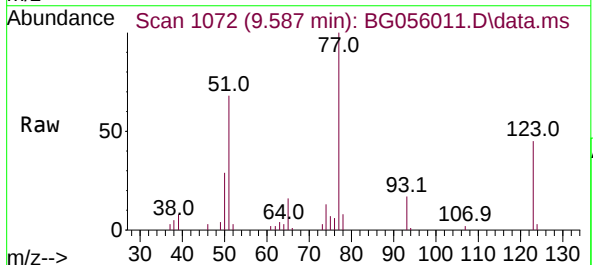
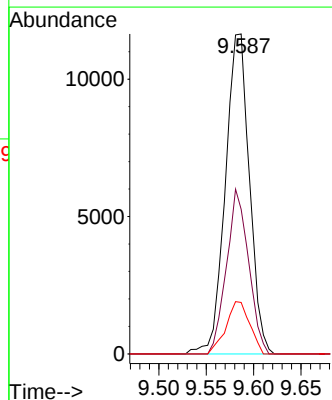
Manual Integrations
APPROVED

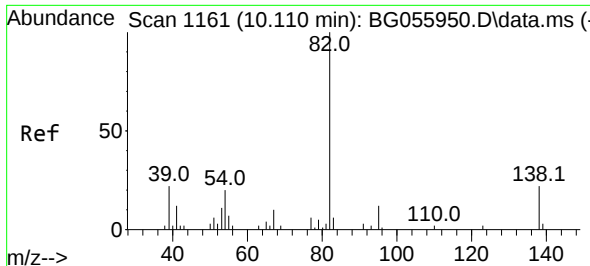
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#24
Nitrobenzene
Concen: 44.014 ng
RT: 9.587 min Scan# 1072
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion: 77 Resp: 20564
Ion Ratio Lower Upper
77 100
123 45.2 38.9 58.3
65 16.1 14.7 22.1





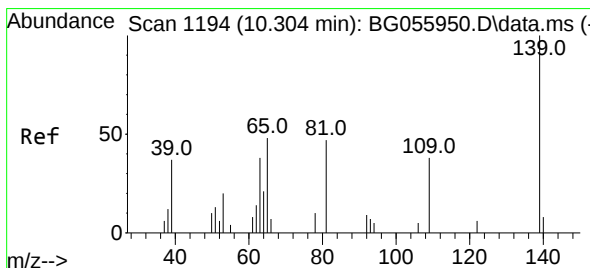
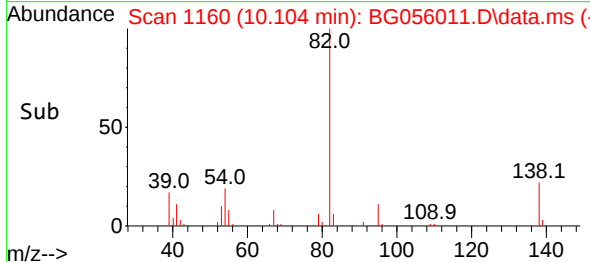
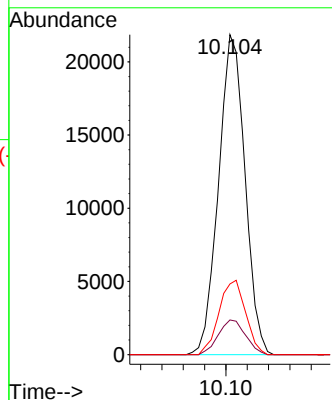
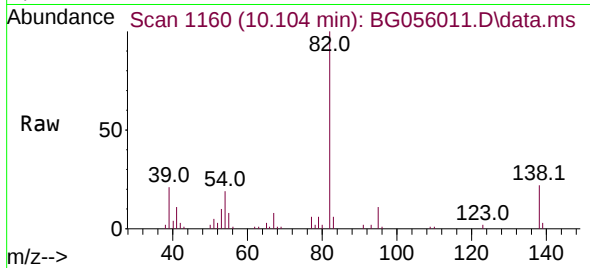
#25
Isophorone
Concen: 38.757 ng
RT: 10.104 min Scan# 1160
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion: 82 Resp: 37723
Ion Ratio Lower Upper
82 100
95 10.8 9.4 14.0
138 22.1 17.7 26.5

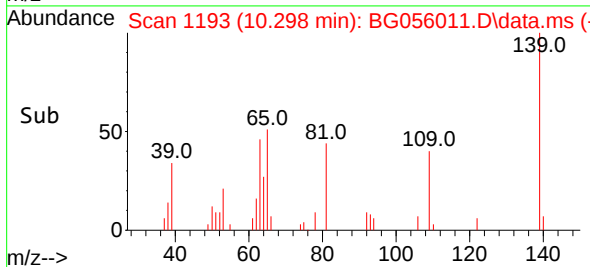
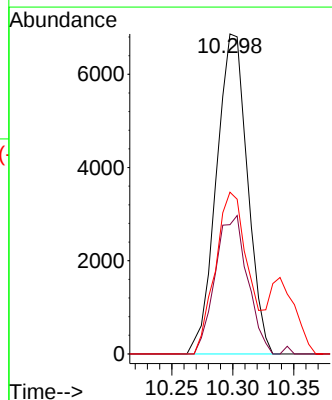
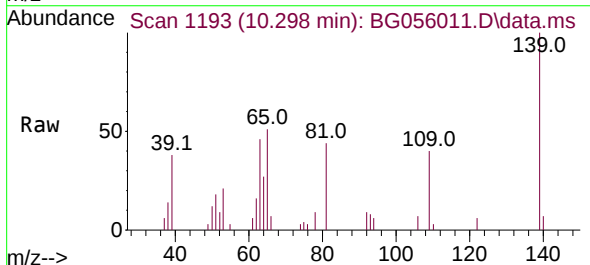
Manual Integrations
APPROVED

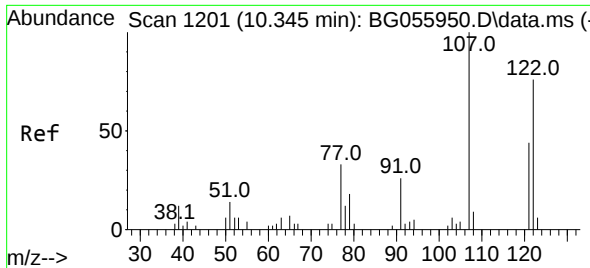
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
2-Nitrophenol
Concen: 43.958 ng
RT: 10.298 min Scan# 1193
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:139 Resp: 12158
Ion Ratio Lower Upper
139 100
109 40.4 30.7 46.1
65 50.5 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 46.347 ng m

RT: 10.339 min Scan# 1200

Delta R.T. -0.005 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

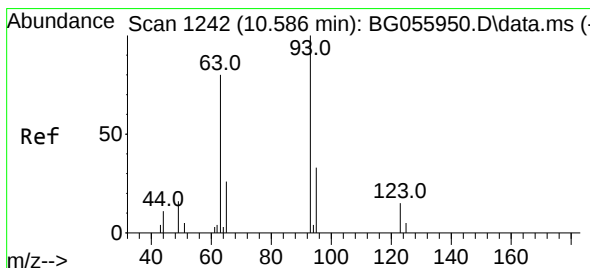
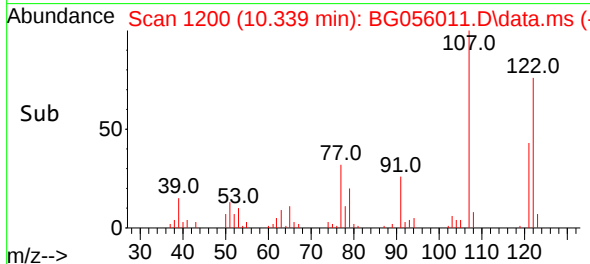
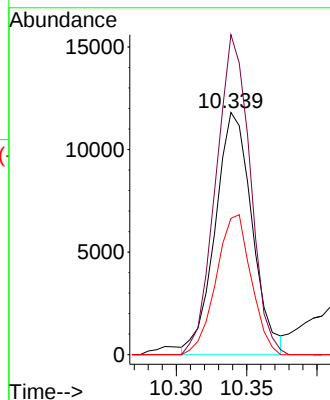
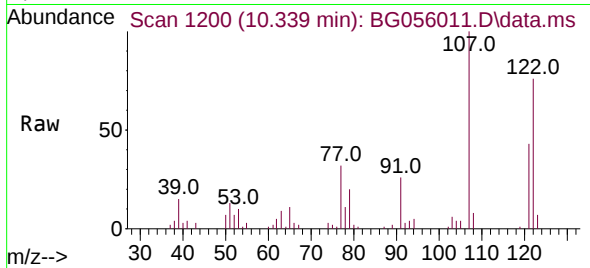
PB149627BS

Tgt Ion:	122	Resp:	21528
Ion Ratio	Lower	Upper	
122	100		
107	132.2	105.9	158.9
121	56.2	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.469 ng

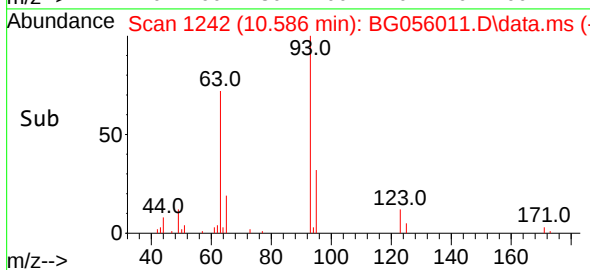
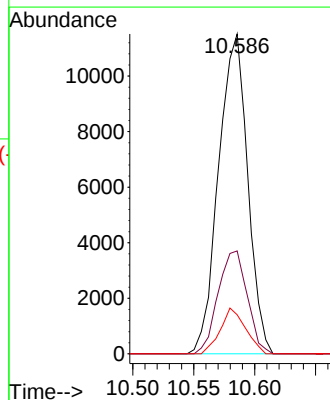
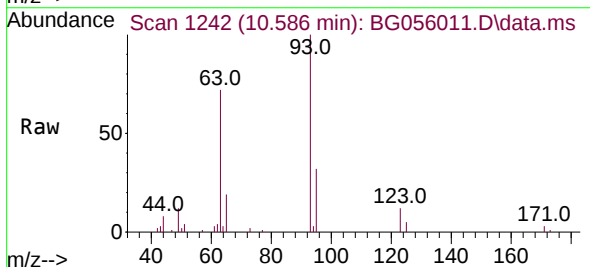
RT: 10.586 min Scan# 1242

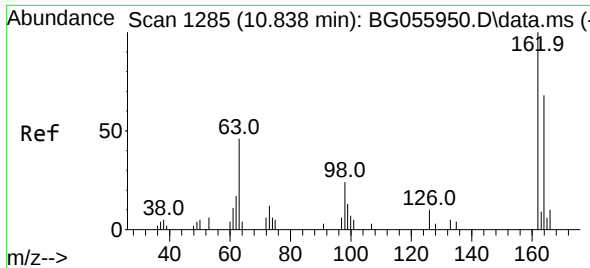
Delta R.T. 0.001 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Tgt Ion:	93	Resp:	19129
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	12.2	12.2	18.2





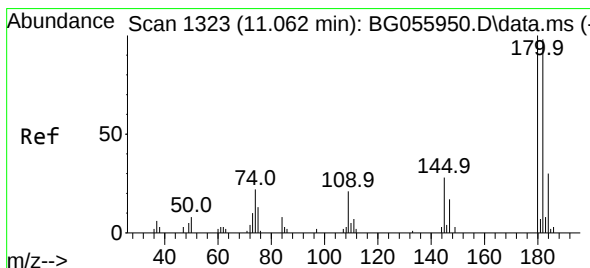
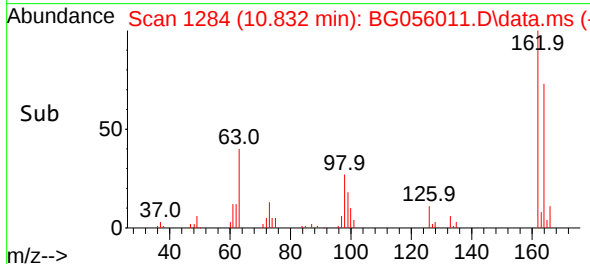
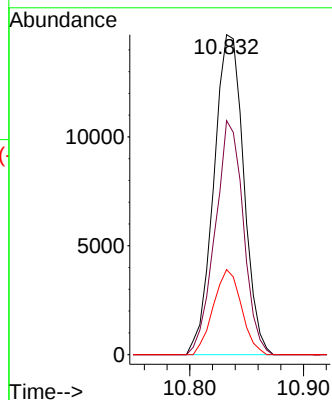
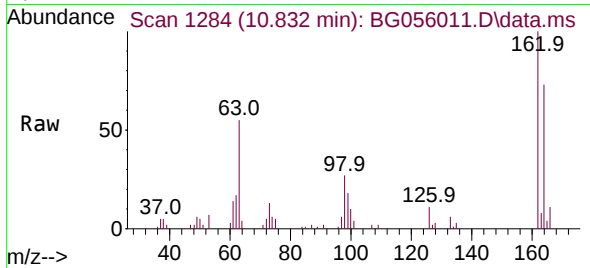
#29
2,4-Dichlorophenol
Concen: 40.730 ng
RT: 10.832 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion:162 Resp: 2685
Ion Ratio Lower Upper
162 100
164 73.1 47.5 87.5
98 26.6 4.3 44.3

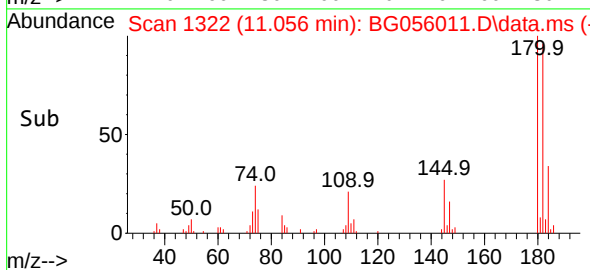
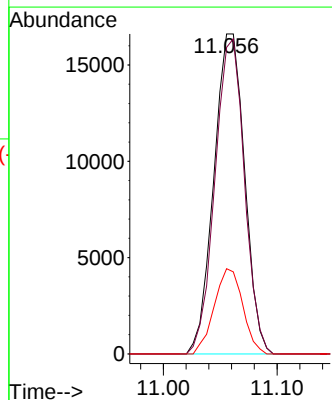
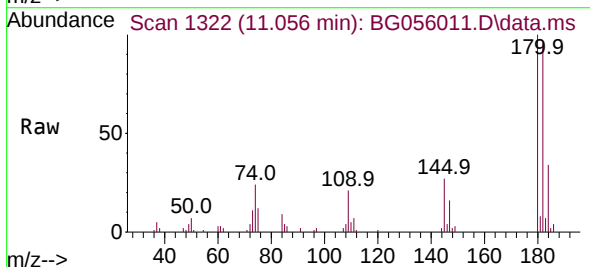
Manual Integrations
APPROVED

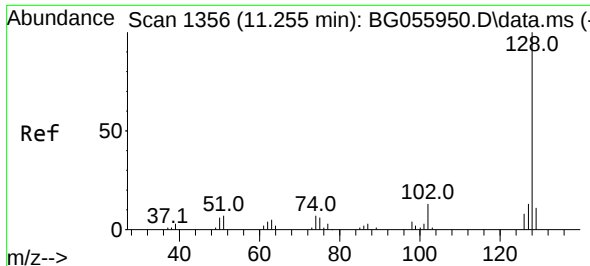
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#30
1,2,4-Trichlorobenzene
Concen: 36.383 ng
RT: 11.056 min Scan# 1322
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

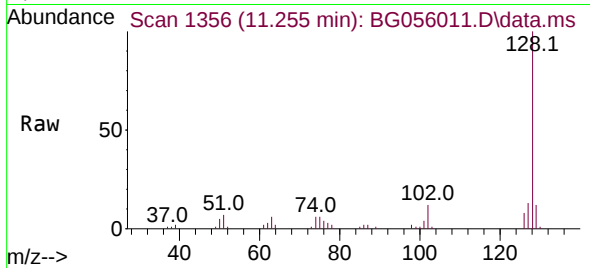
Tgt Ion:180 Resp: 31181
Ion Ratio Lower Upper
180 100
182 95.8 78.1 117.1
145 26.6 22.4 33.6





#31
Naphthalene
Concen: 36.622 ng
RT: 11.255 min Scan# 1356
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

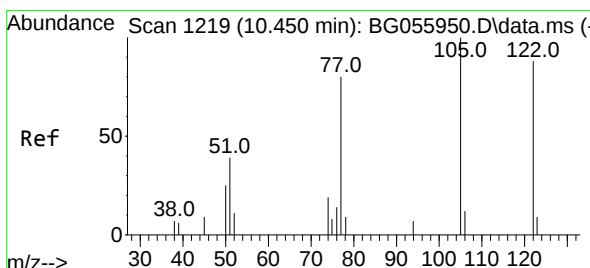
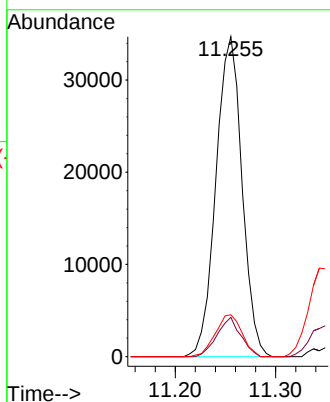
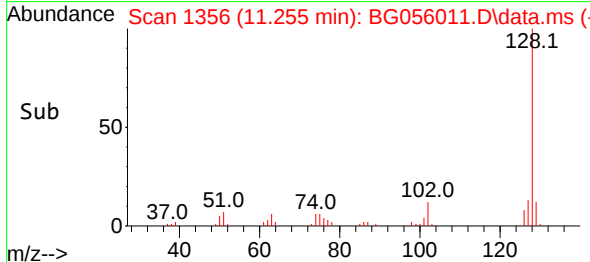
Instrument :
BNA_G
ClientSampleId :
PB149627BS



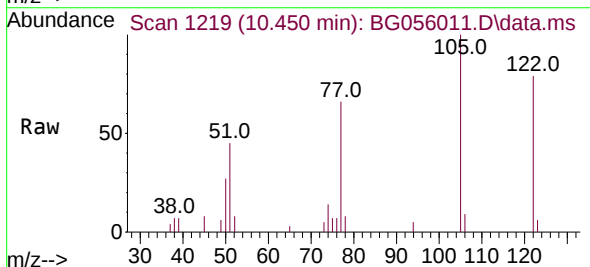
Tgt Ion:128 Resp: 62680
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 13.1 10.3 15.5

Manual Integrations
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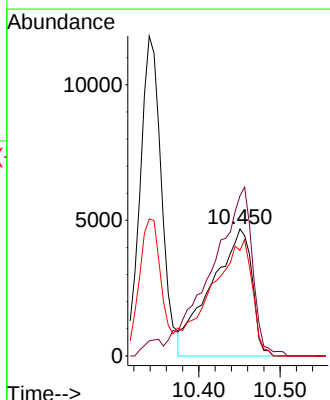
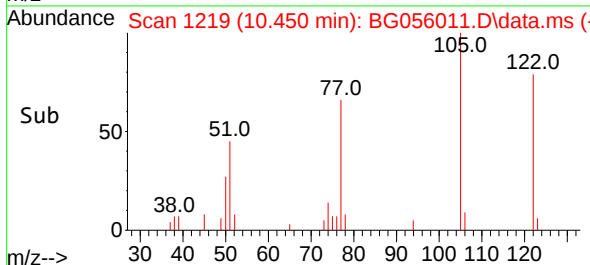
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

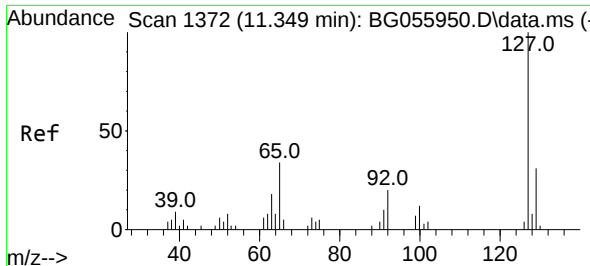


#32
Benzoic acid
Concen: 41.732 ng
RT: 10.450 min Scan# 1219
Delta R.T. -0.011 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



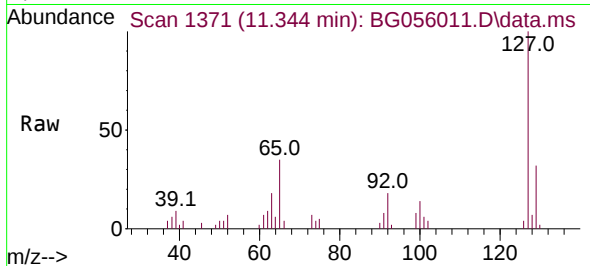
Tgt Ion:122 Resp: 16293
Ion Ratio Lower Upper
122 100
105 126.3 90.6 130.6
77 83.3 61.0 101.0





#33
4-Chloroaniline
Concen: 24.996 ng
RT: 11.344 min Scan# 1372
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

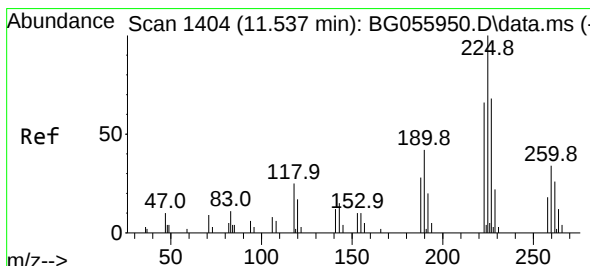
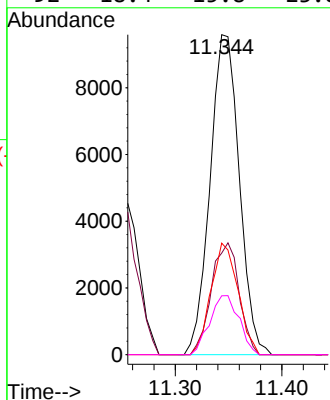
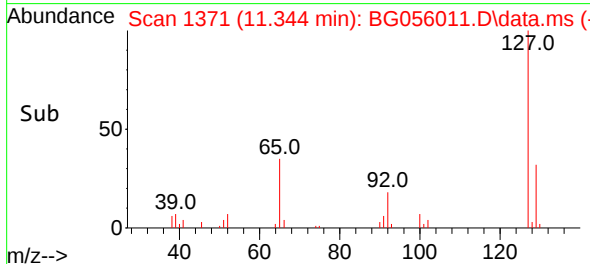
Instrument :
BNA_G
ClientSampleId :
PB149627BS



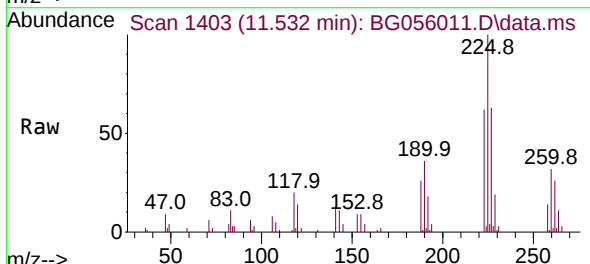
Tgt Ion:127 Resp: 18340
Ion Ratio Lower Upper
127 100
129 31.7 24.5 36.7
65 34.8 27.1 40.7
92 18.4 15.8 23.8

Manual Integrations
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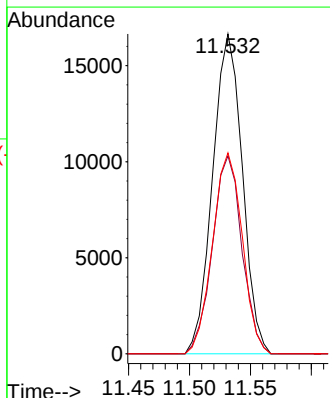
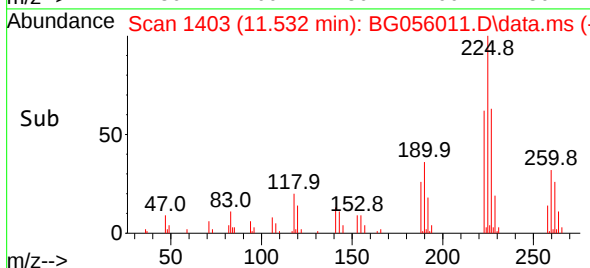
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

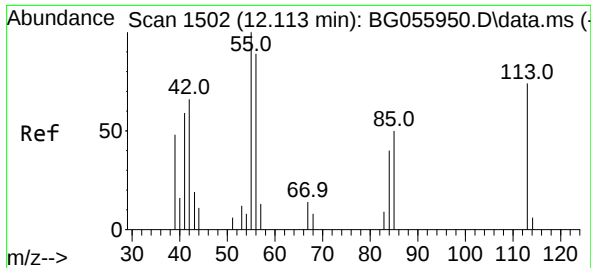


#34
Hexachlorobutadiene
Concen: 35.060 ng
RT: 11.532 min Scan# 1403
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



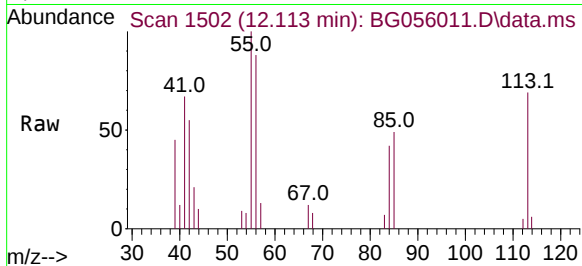
Tgt Ion:225 Resp: 28249
Ion Ratio Lower Upper
225 100
223 61.9 53.2 79.8
227 62.8 54.7 82.1





#35
 Caprolactam
 Concen: 39.714 ng m
 RT: 12.113 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

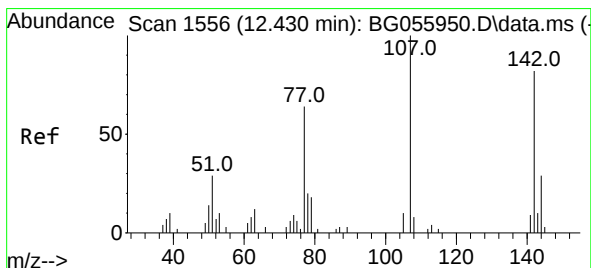
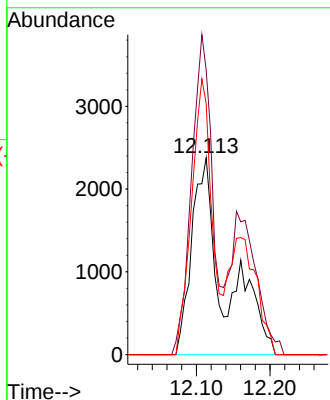
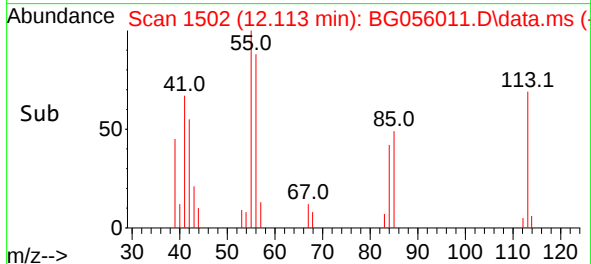
Instrument :
 BNA_G
 ClientSampleId :
 PB149627BS



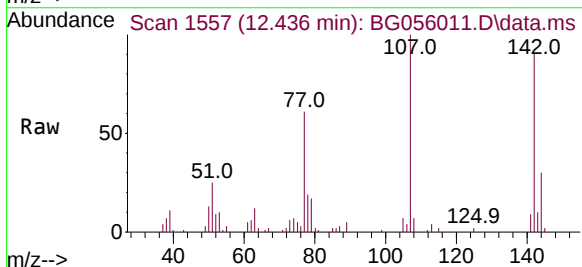
Tgt Ion:113 Resp: 7295
 Ion Ratio Lower Upper
 113 100
 55 144.5 114.8 154.8
 56 127.4 99.8 139.8

Manual Integrations
 APPROVED

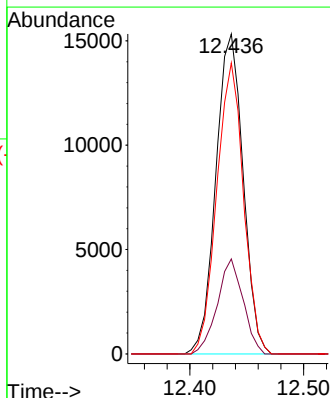
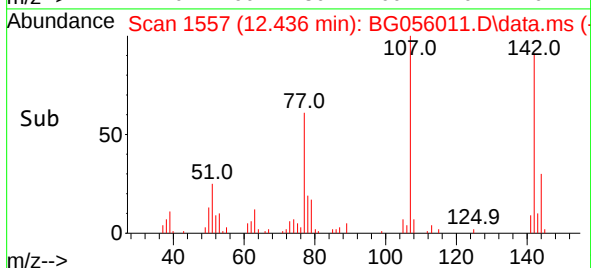
Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

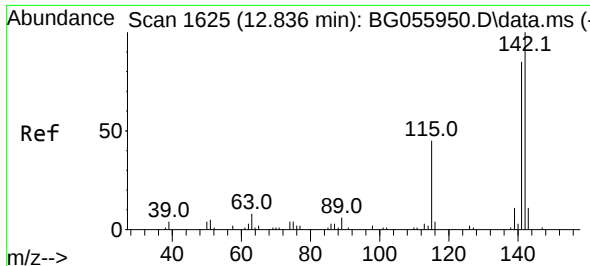


#36
 4-Chloro-3-methylphenol
 Concen: 41.232 ng
 RT: 12.436 min Scan# 1557
 Delta R.T. -0.005 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03



Tgt Ion:107 Resp: 25490
 Ion Ratio Lower Upper
 107 100
 144 29.7 23.3 34.9
 142 90.9 65.6 98.4





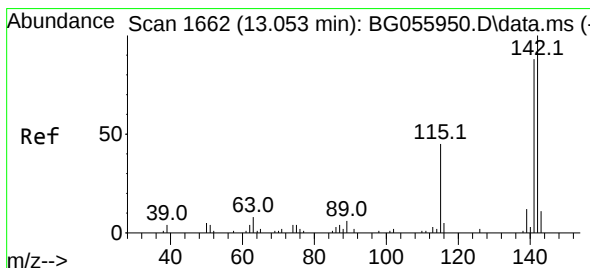
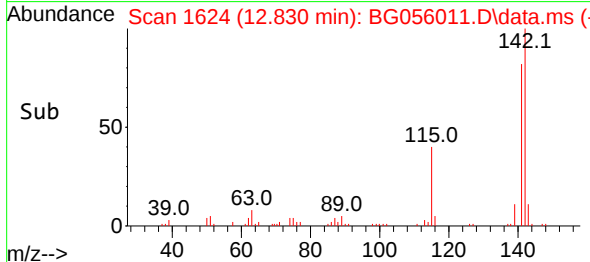
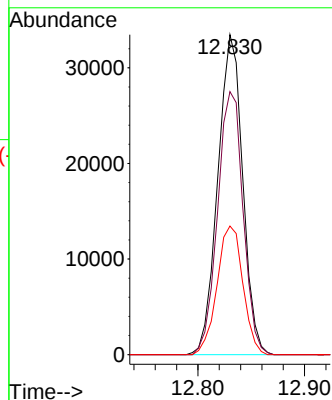
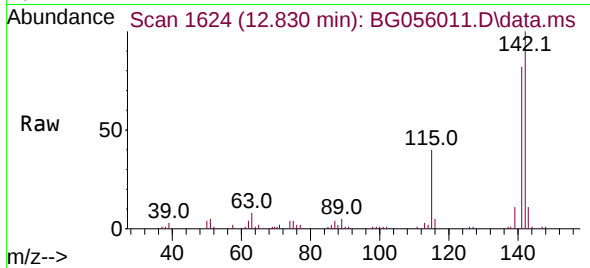
#37
2-Methylnaphthalene
Concen: 35.888 ng
RT: 12.830 min Scan# 1625
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion:142 Resp: 5426
Ion Ratio Lower Upper
142 100
141 82.2 67.8 101.6
115 40.2 35.7 53.5

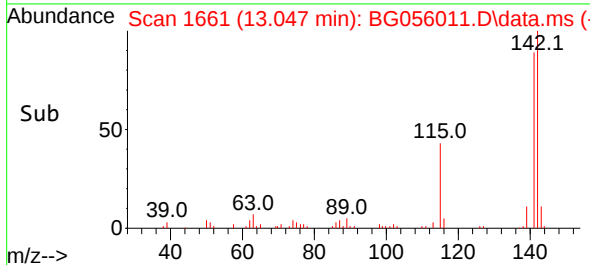
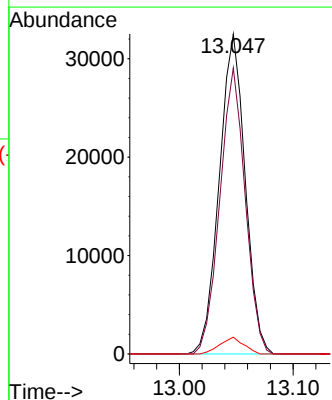
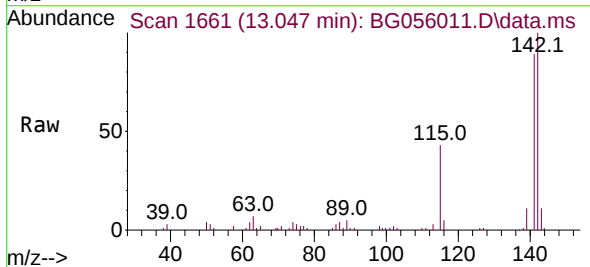
Manual Integrations
APPROVED

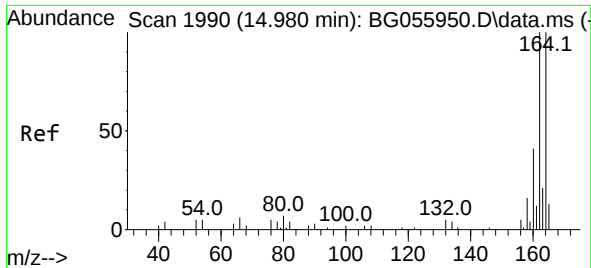
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#38
1-Methylnaphthalene
Concen: 34.893 ng
RT: 13.047 min Scan# 1661
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:142 Resp: 51401
Ion Ratio Lower Upper
142 100
141 89.4 70.2 105.2
116 5.2 3.8 5.8





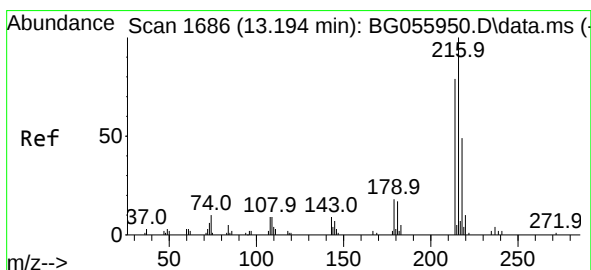
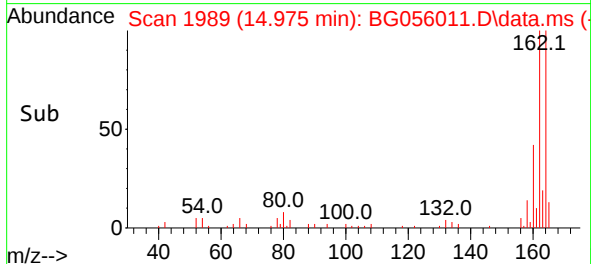
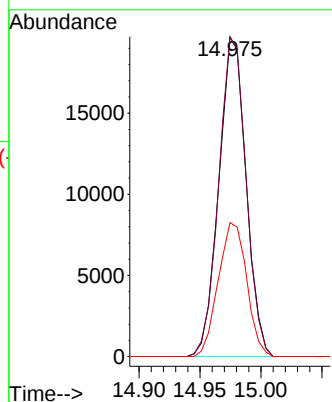
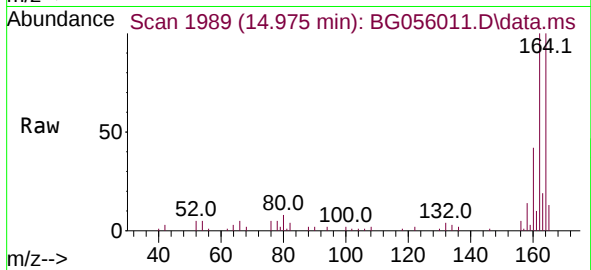
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1990
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion:164 Resp: 30483
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 42.0 33.0 49.4

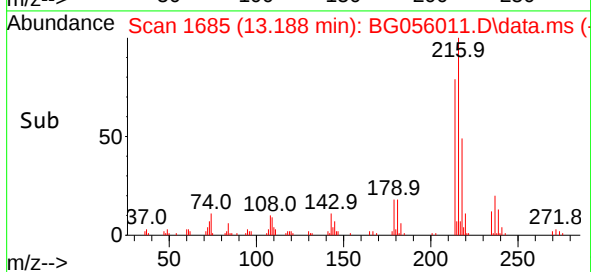
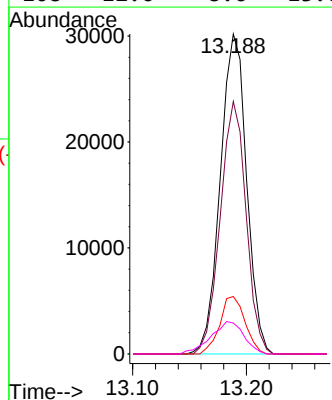
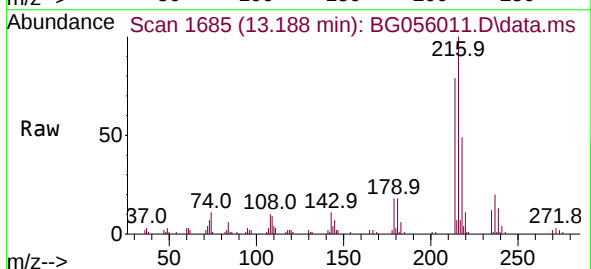
Manual Integrations
APPROVED

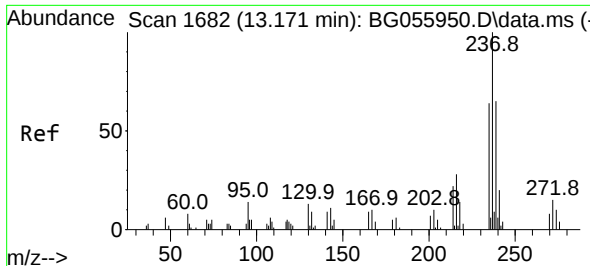
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.712 ng
RT: 13.188 min Scan# 1685
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

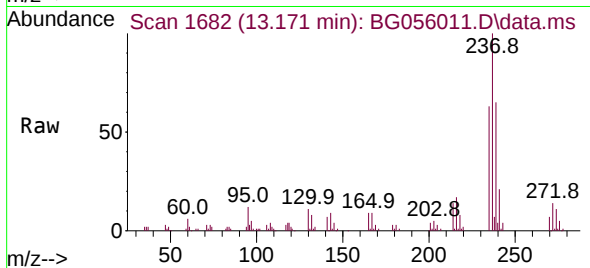
Tgt Ion:216 Resp: 48502
Ion Ratio Lower Upper
216 100
214 77.2 61.5 92.3
179 17.2 14.6 21.8
108 12.6 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 92.930 ng
RT: 13.171 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

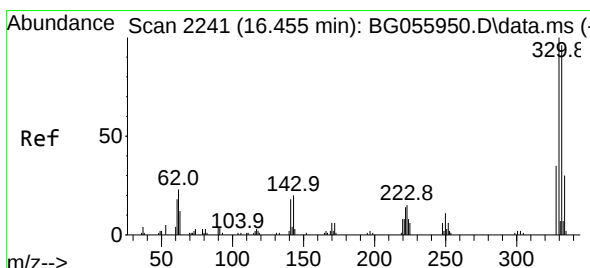
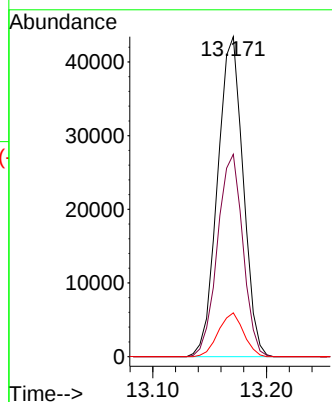
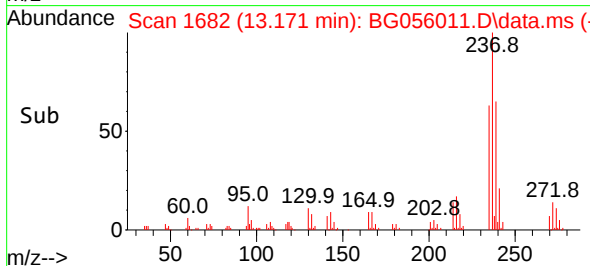
Instrument :
BNA_G
ClientSampleId :
PB149627BS



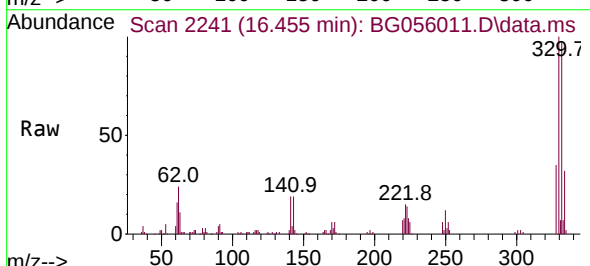
Tgt Ion:237 Resp: 67805
Ion Ratio Lower Upper
237 100
235 63.2 43.7 83.7
272 13.7 0.0 35.1

Manual Integrations
APPROVED

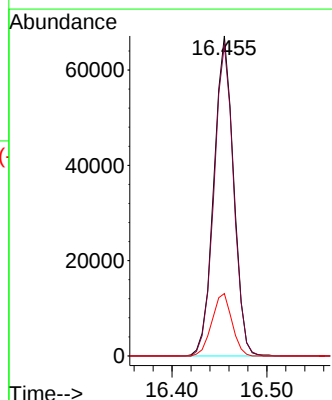
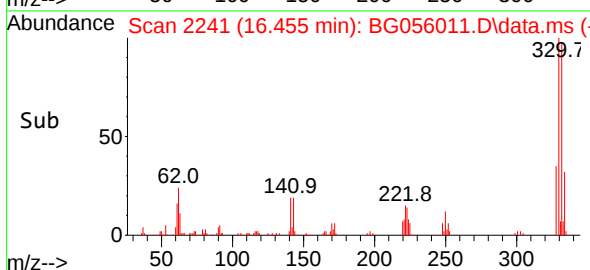
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

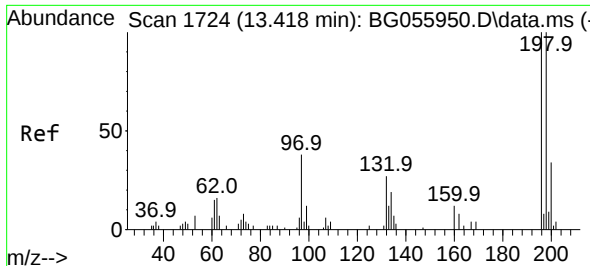


#42
2,4,6-Tribromophenol
Concen: 131.998 ng
RT: 16.455 min Scan# 2241
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:330 Resp: 97023
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 19.7 15.0 22.4





#43
 2,4,6-Trichlorophenol
 Concen: 40.985 ng
 RT: 13.418 min Scan# 1724
 Delta R.T. 0.001 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

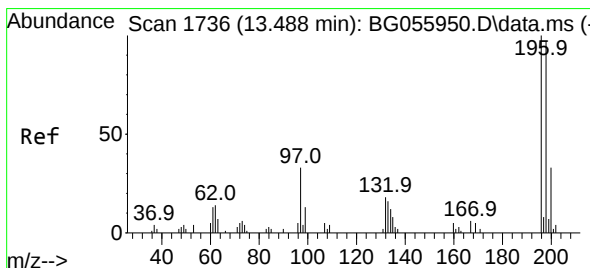
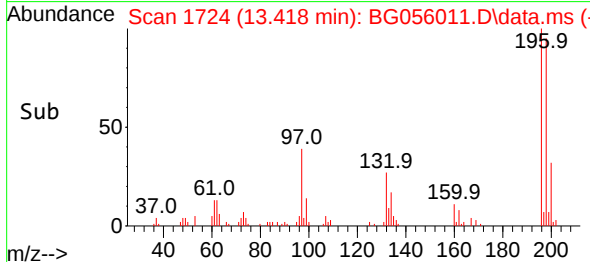
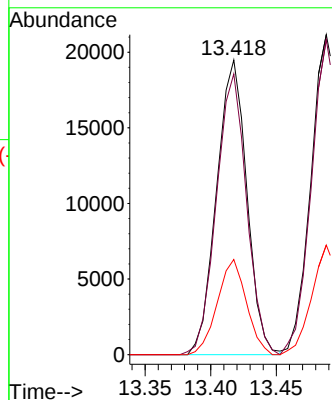
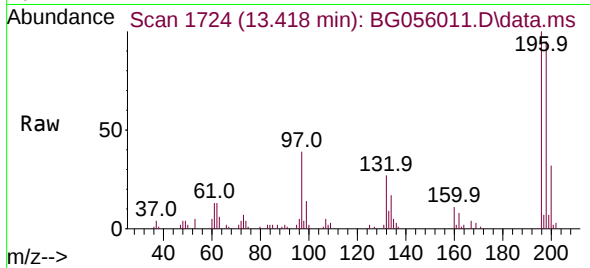
PB149627BS

Tgt Ion:196 Resp: 31203
 Ion Ratio Lower Upper
 196 100
 198 95.3 80.2 120.4
 200 32.3 27.6 41.4

Manual Integrations

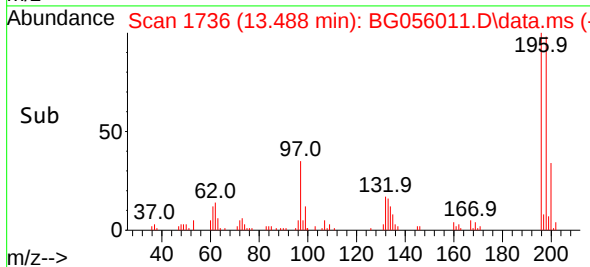
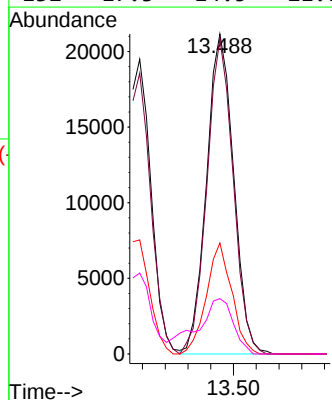
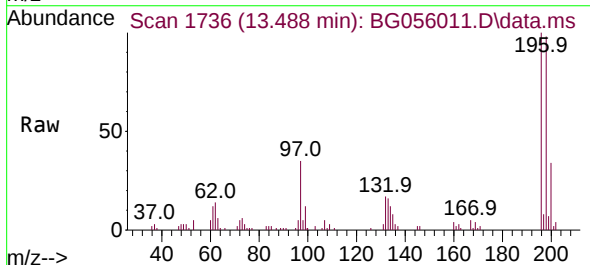
APPROVED

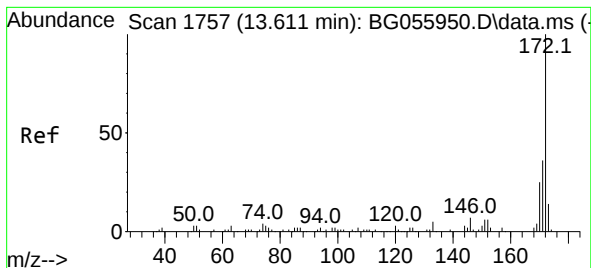
Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#44
 2,4,5-Trichlorophenol
 Concen: 40.800 ng
 RT: 13.488 min Scan# 1736
 Delta R.T. 0.001 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

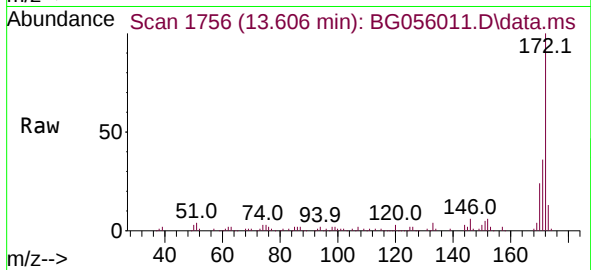
Tgt Ion:196 Resp: 35015
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.0 117.0
 97 34.7 26.0 39.0
 132 17.3 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 70.578 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

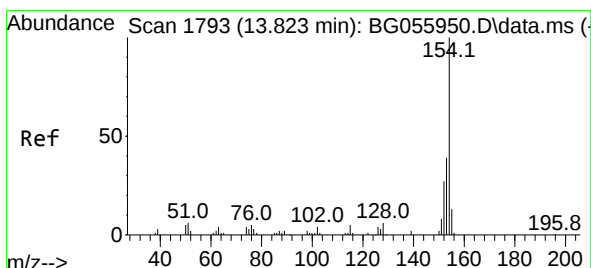
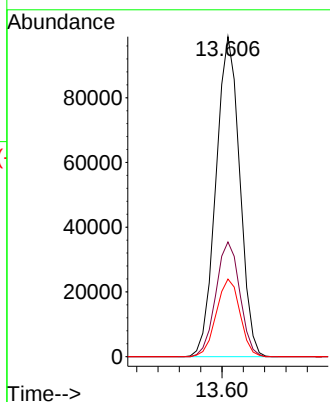
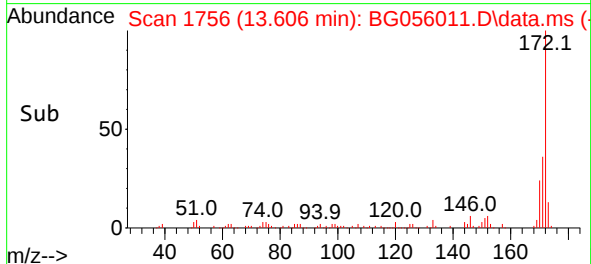
Instrument :
BNA_G
ClientSampleId :
PB149627BS



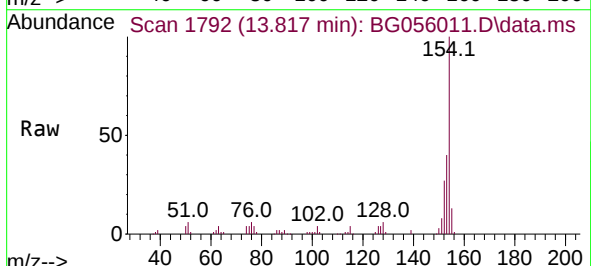
Tgt Ion:172 Resp: 15340
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.2 19.9 29.9

Manual Integrations
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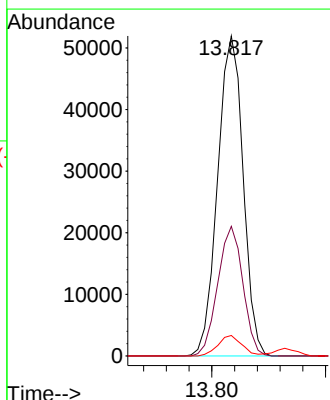
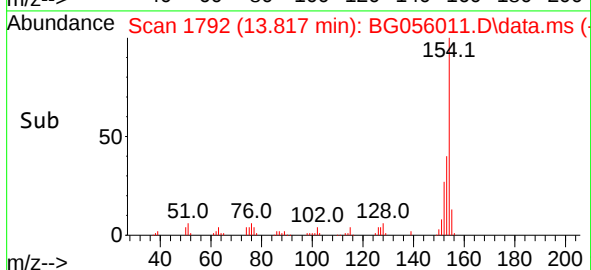
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

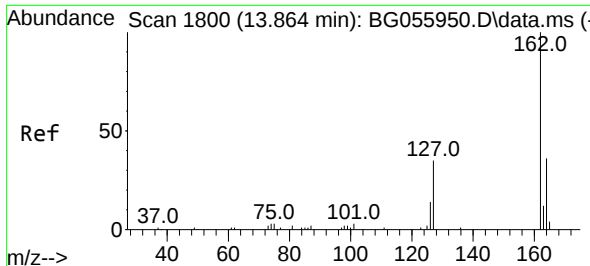


#46
1,1'-Biphenyl
Concen: 39.042 ng
RT: 13.817 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



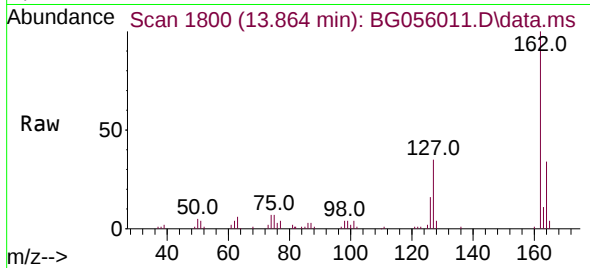
Tgt Ion:154 Resp: 80668
Ion Ratio Lower Upper
154 100
153 40.5 19.5 59.5
76 6.4 0.0 25.5





#47
2-Chloronaphthalene
Concen: 38.086 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

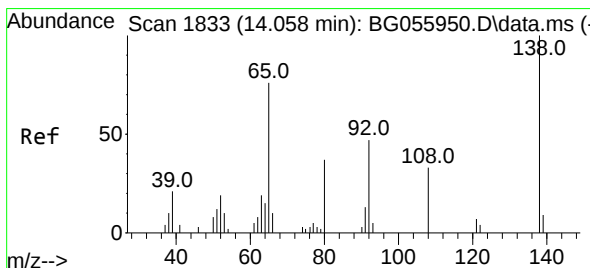
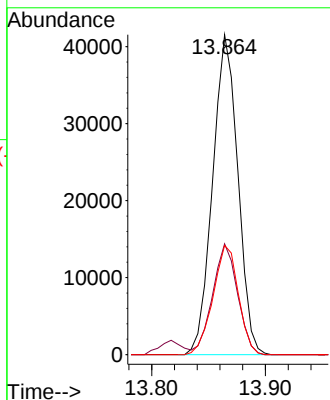
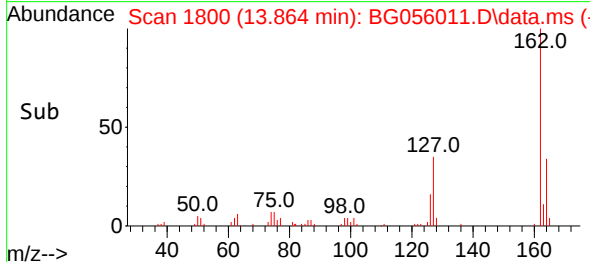
Instrument :
BNA_G
ClientSampleId :
PB149627BS



Tgt Ion:162 Resp: 63942
Ion Ratio Lower Upper
162 100
127 34.6 31.0 46.4
164 34.1 28.6 42.8

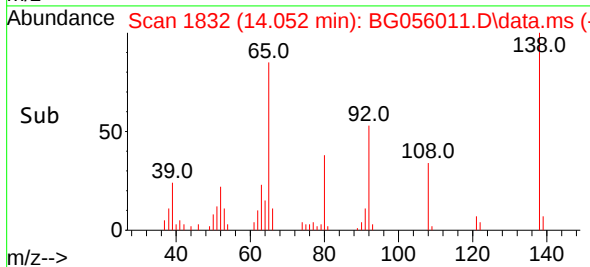
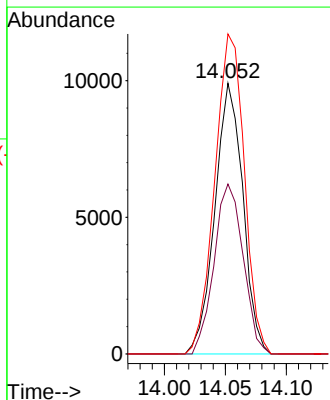
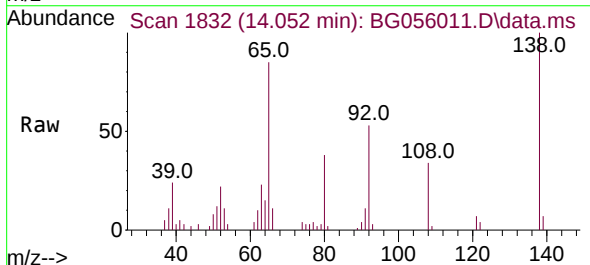
Manual Integrations
APPROVED

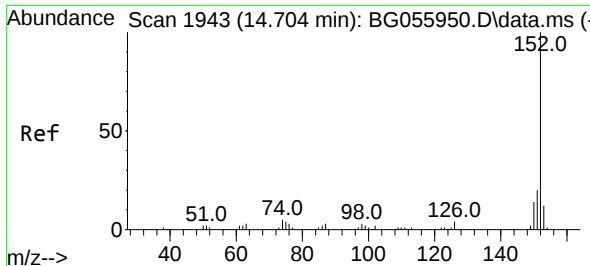
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#48
2-Nitroaniline
Concen: 47.883 ng
RT: 14.052 min Scan# 1832
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion: 65 Resp: 15845
Ion Ratio Lower Upper
65 100
92 62.7 49.7 74.5
138 118.2 105.0 157.6





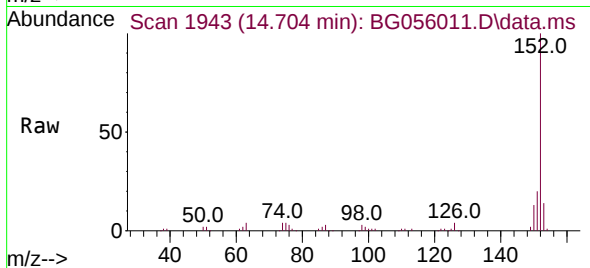
#49
Acenaphthylene
Concen: 37.774 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

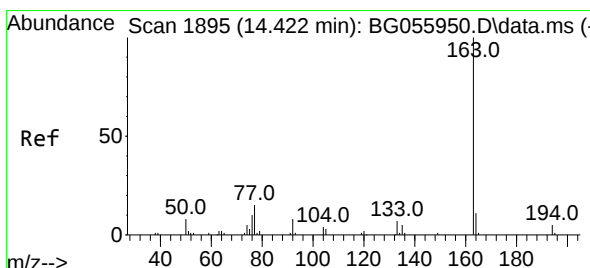
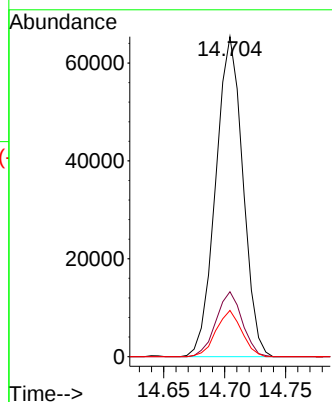
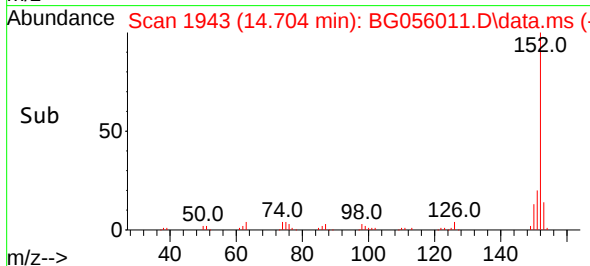


Tgt Ion:152 Resp: 101227
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 14.4 10.0 15.0

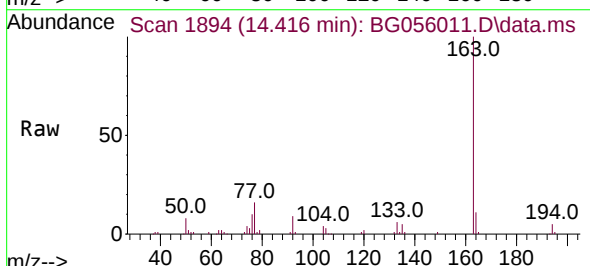
Manual Integrations

APPROVED

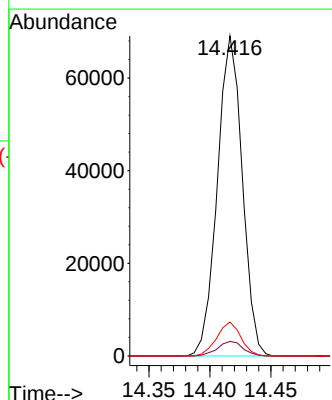
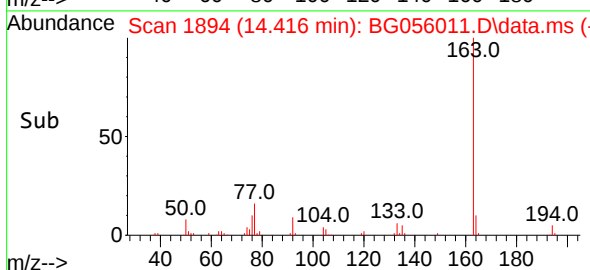
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

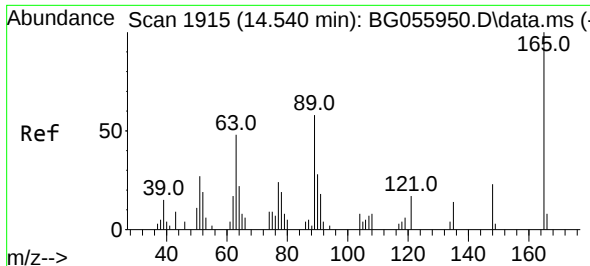


#50
Dimethylphthalate
Concen: 37.245 ng
RT: 14.416 min Scan# 1894
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



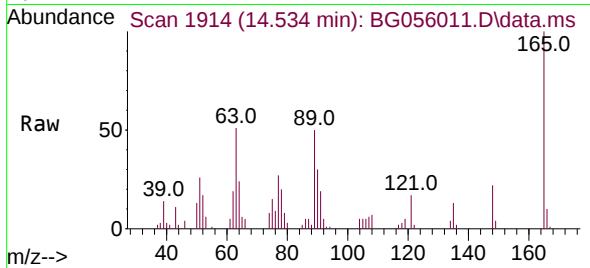
Tgt Ion:163 Resp: 98157
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.6 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 48.059 ng
RT: 14.534 min Scan# 1915
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

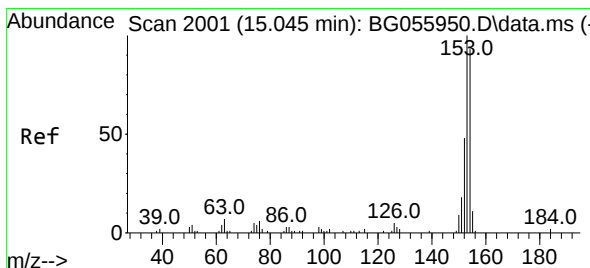
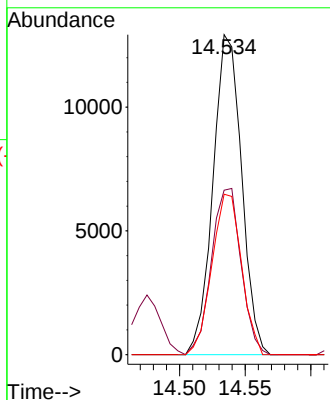
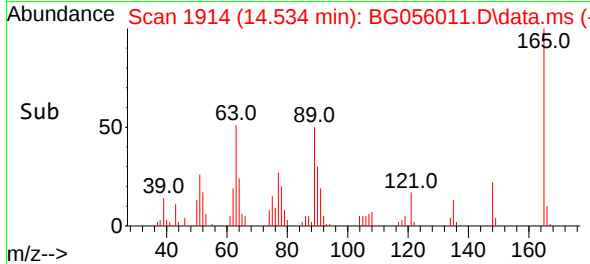
Instrument :
BNA_G
ClientSampleId :
PB149627BS



Tgt Ion:165 Resp: 19600
Ion Ratio Lower Upper
165 100
63 51.4 38.3 57.5
89 50.1 46.3 69.5

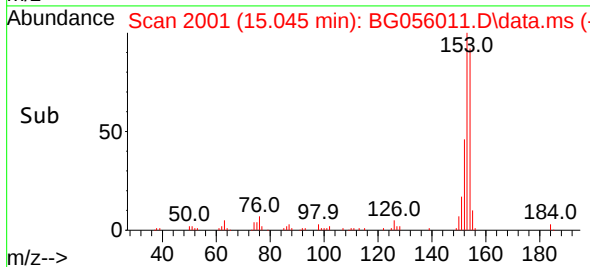
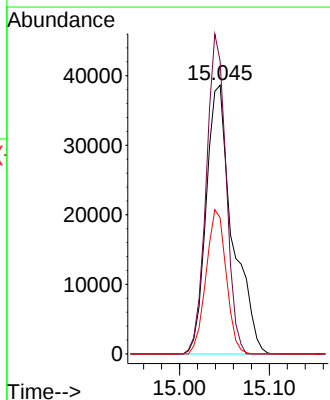
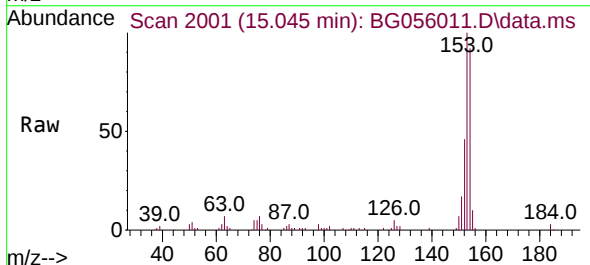
Manual Integrations
APPROVED

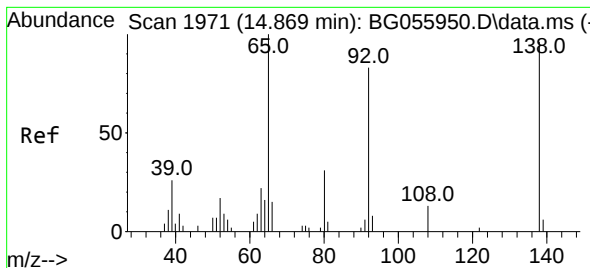
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#52
Acenaphthene
Concen: 43.914 ng
RT: 15.045 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

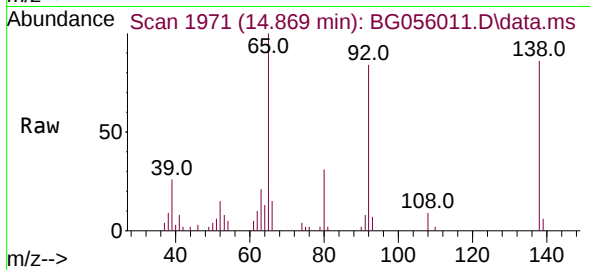
Tgt Ion:154 Resp: 79003
Ion Ratio Lower Upper
154 100
153 109.0 86.2 129.2
152 50.7 41.4 62.0





#53
3-Nitroaniline
Concen: 32.206 ng
RT: 14.869 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

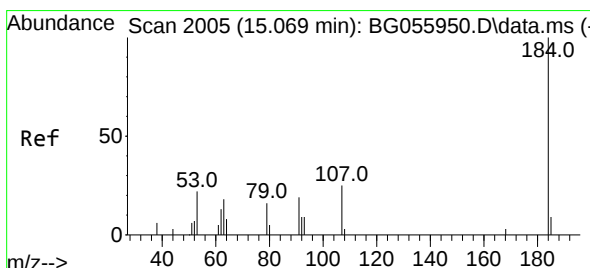
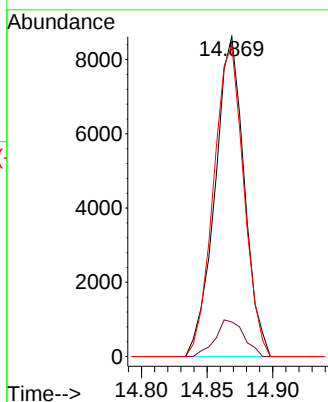
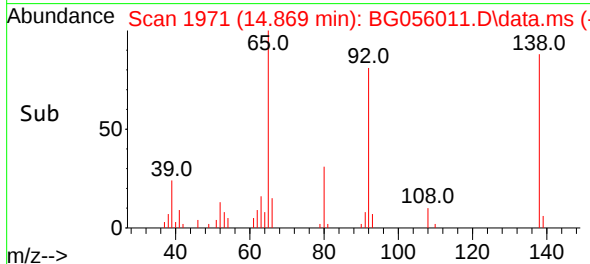
Instrument :
BNA_G
ClientSampleId :
PB149627BS



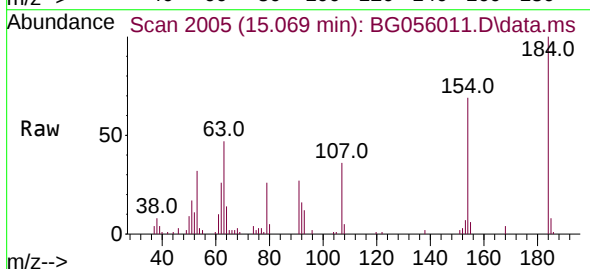
Tgt Ion:138 Resp: 13360
Ion Ratio Lower Upper
138 100
108 10.8 10.9 16.3#
92 97.4 69.4 104.0

Manual Integrations
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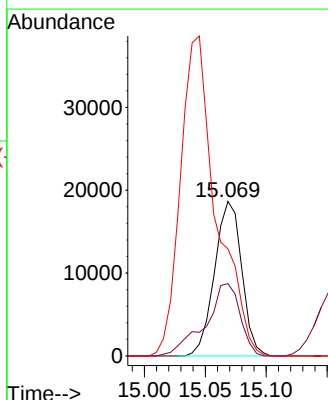
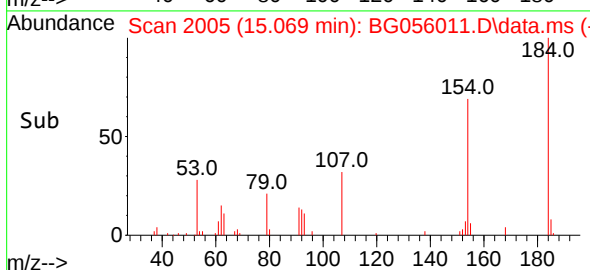
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

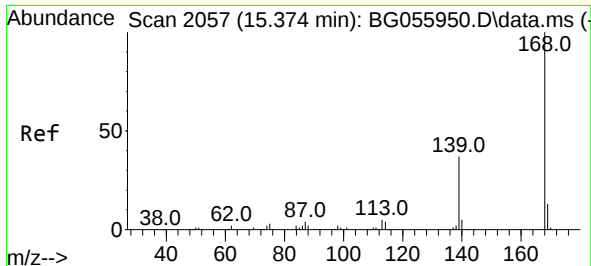


#54
2,4-Dinitrophenol
Concen: 95.360 ng
RT: 15.069 min Scan# 2005
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



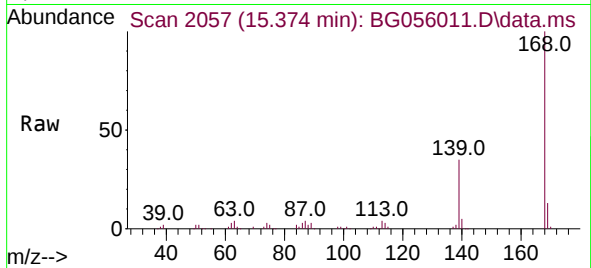
Tgt Ion:184 Resp: 28912
Ion Ratio Lower Upper
184 100
63 46.8 23.0 34.4#
154 69.2 67.0 100.4





#55
Dibenzofuran
Concen: 37.696 ng
RT: 15.374 min Scan# 2057
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

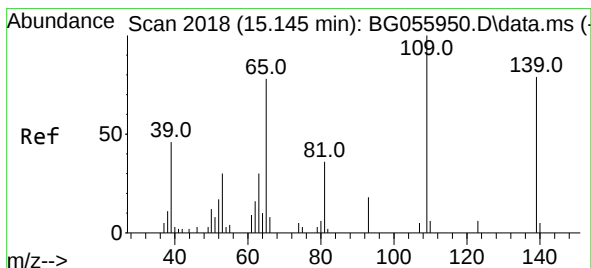
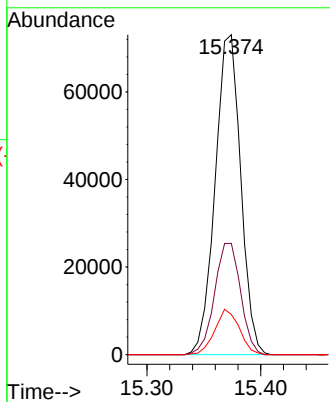
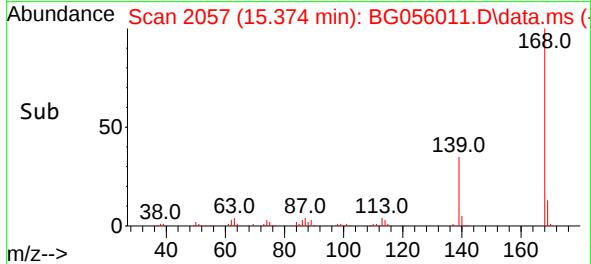
Instrument :
BNA_G
ClientSampleId :
PB149627BS



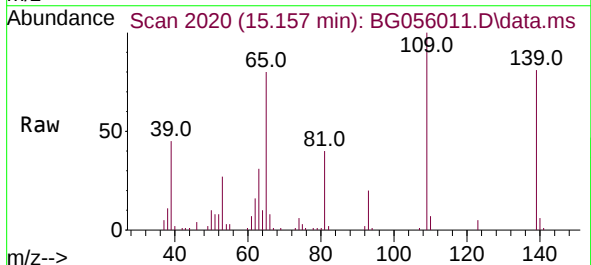
Tgt Ion:168 Resp: 11404
Ion Ratio Lower Upper
168 100
139 34.8 29.8 44.8
169 12.5 10.6 16.0

Manual Integrations
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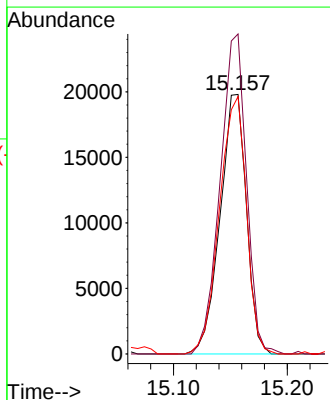
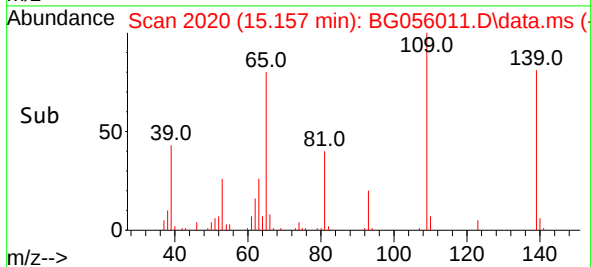
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

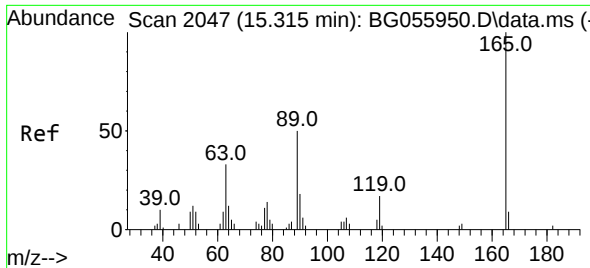


#56
4-Nitrophenol
Concen: 95.671 ng
RT: 15.157 min Scan# 2020
Delta R.T. 0.007 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:139 Resp: 31803
Ion Ratio Lower Upper
139 100
109 123.4 106.7 146.7
65 99.2 79.2 119.2





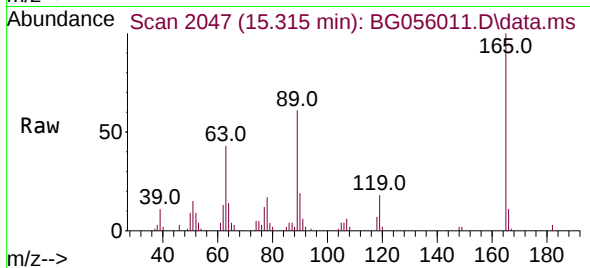
#57
2,4-Dinitrotoluene
Concen: 47.909 ng
RT: 15.315 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

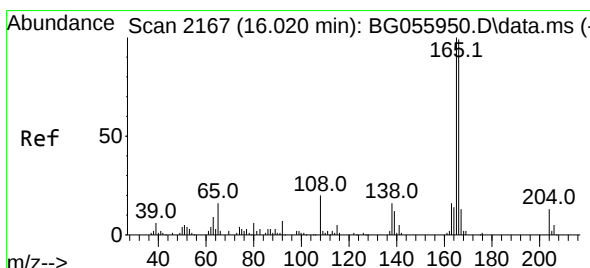
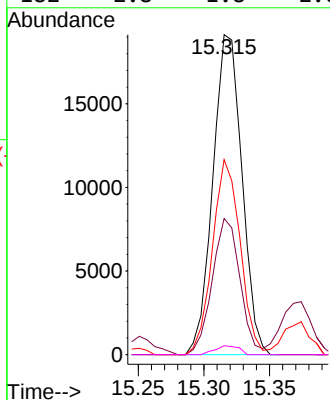
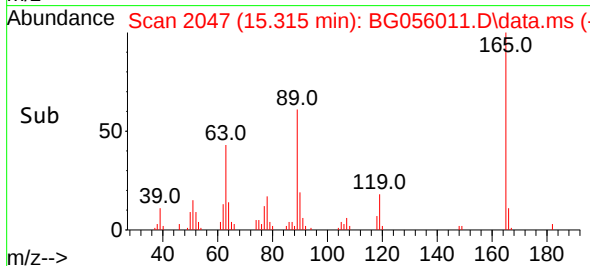


Tgt Ion:165 Resp: 29493
Ion Ratio Lower Upper
165 100
63 42.5 26.6 39.8
89 60.9 40.1 60.1
182 2.8 1.8 2.6#

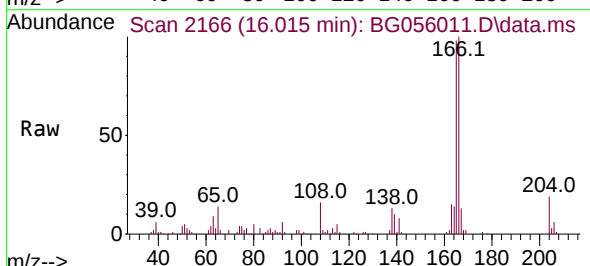
Manual Integrations

APPROVED

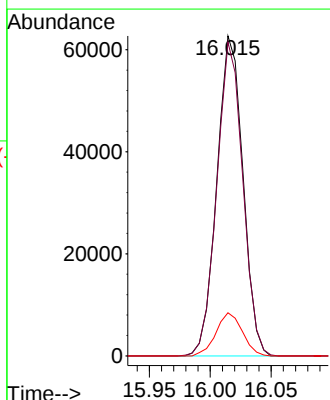
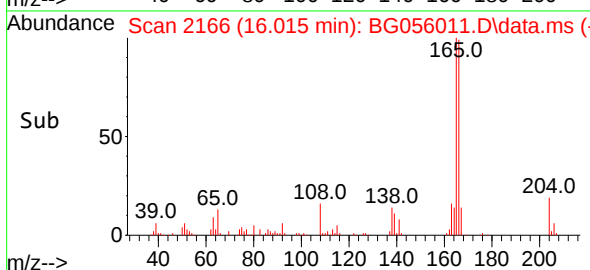
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

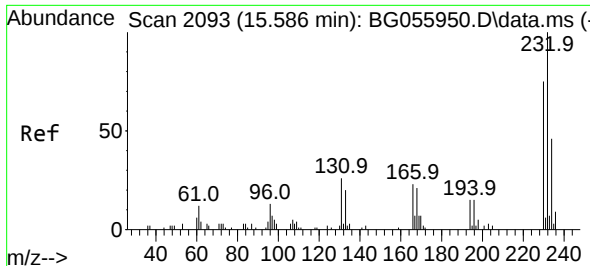


#58
Fluorene
Concen: 37.691 ng
RT: 16.015 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:166 Resp: 93212
Ion Ratio Lower Upper
166 100
165 98.0 81.1 121.7
167 13.5 10.5 15.7





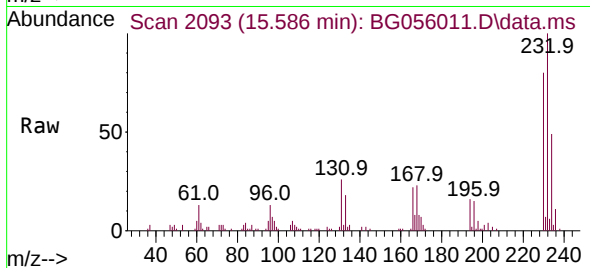
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.930 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

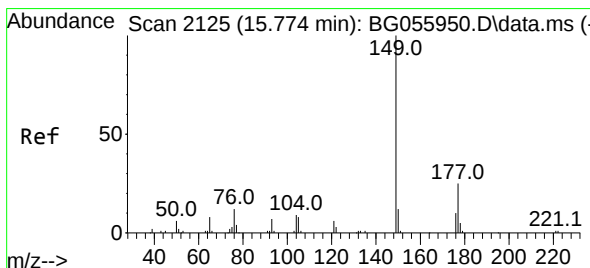
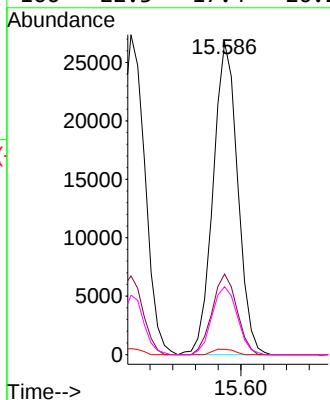
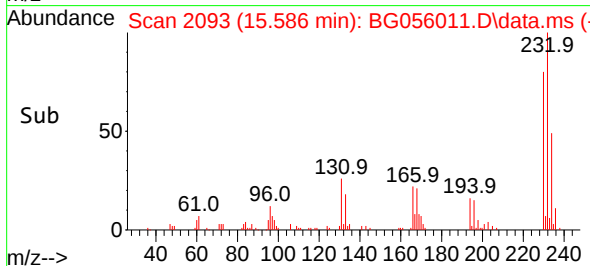


Tgt Ion:232 Resp: 40130
Ion Ratio Lower Upper
232 100
131 25.9 20.7 31.1
130 1.5 1.2 1.8
166 22.3 17.4 26.2

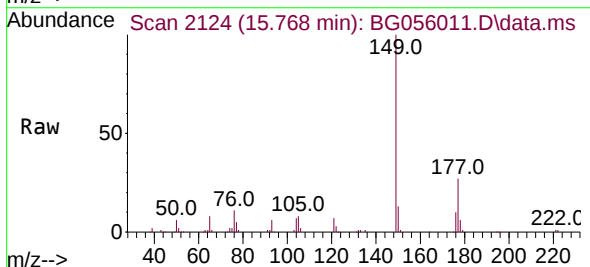
Manual Integrations

APPROVED

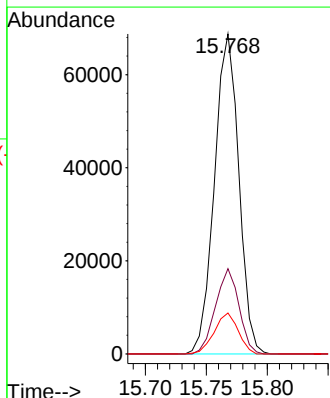
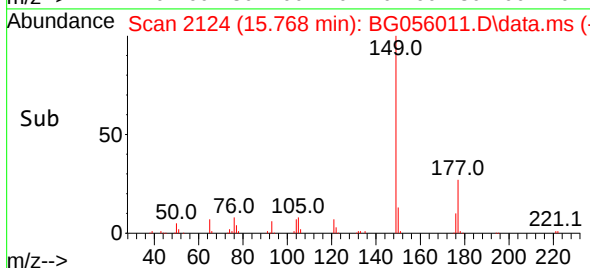
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

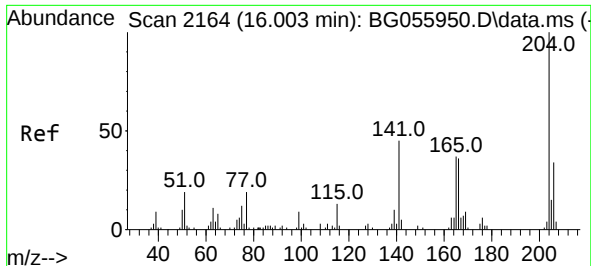


#60
Diethylphthalate
Concen: 37.028 ng
RT: 15.768 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:149 Resp: 95381
Ion Ratio Lower Upper
149 100
177 26.6 19.7 29.5
150 12.8 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 37.714 ng
RT: 15.997 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

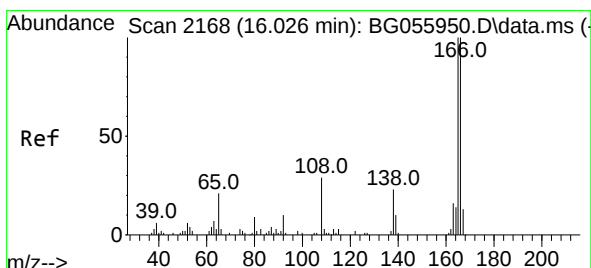
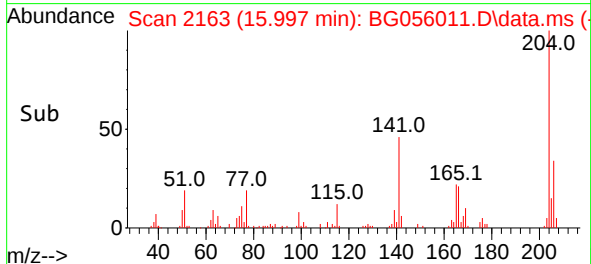
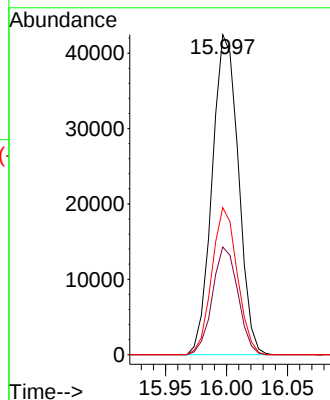
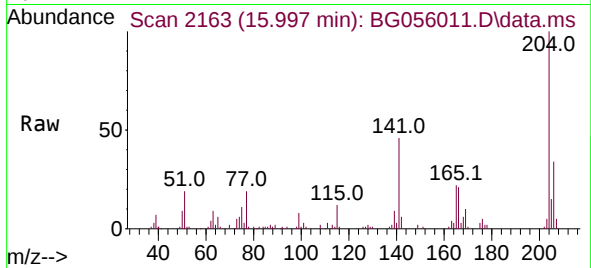
PB149627BS

Tgt Ion:204 Resp: 63538
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 45.9 36.3 54.5

Manual Integrations

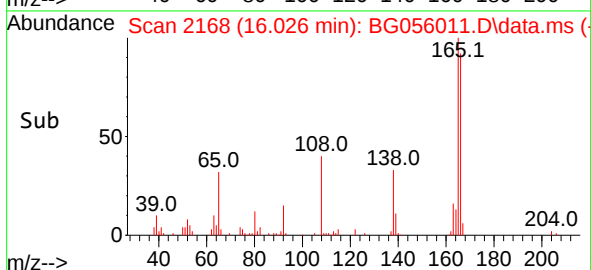
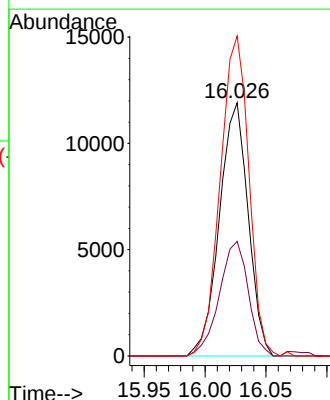
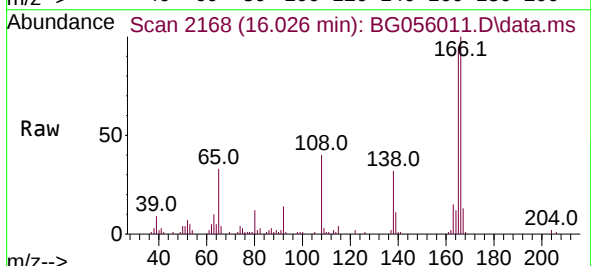
APPROVED

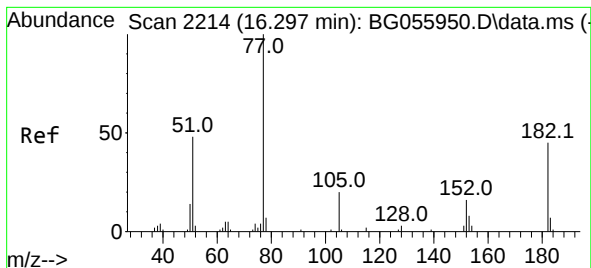
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#62
4-Nitroaniline
Concen: 43.234 ng
RT: 16.026 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:138 Resp: 19531
Ion Ratio Lower Upper
138 100
92 45.2 24.4 64.4
108 126.4 110.1 150.1





#63

Azobenzene

Concen: 38.060 ng

RT: 16.291 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

Tgt Ion: 77 Resp: 5967

Ion Ratio Lower Upper

77 100

182 41.9 24.7 64.7

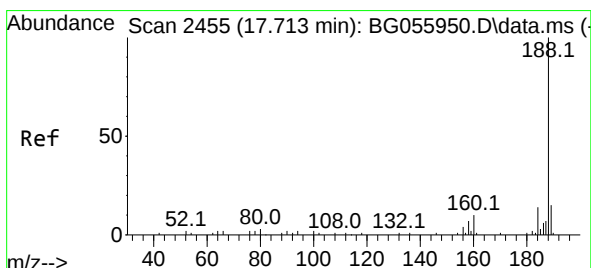
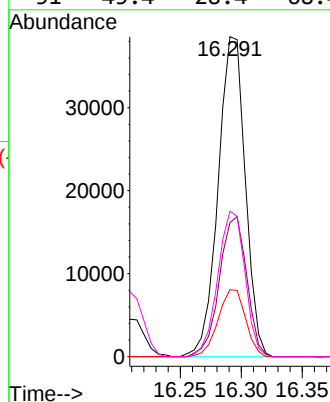
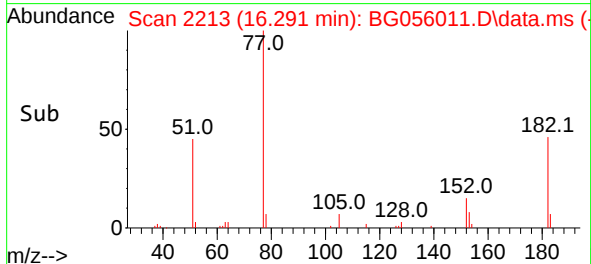
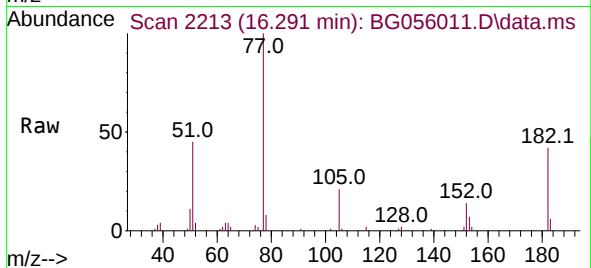
105 20.9 0.3 40.3

51 45.4 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2455

Delta R.T. -0.005 min

Lab File: BG056011.D

Acq: 19 Dec 2022 13:03

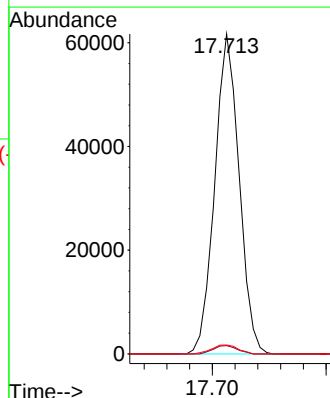
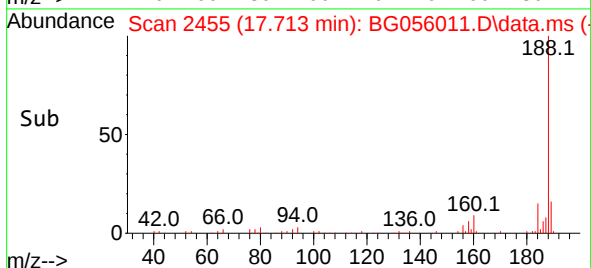
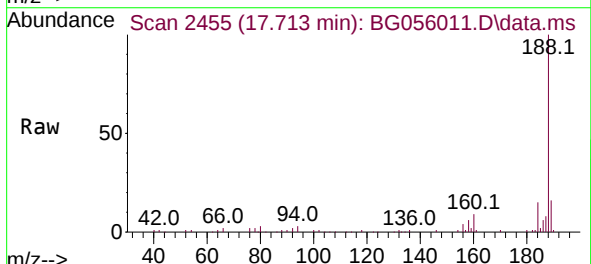
Tgt Ion:188 Resp: 91639

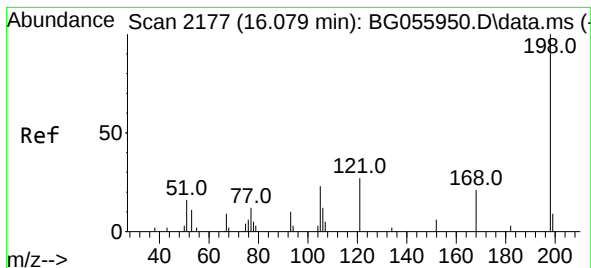
Ion Ratio Lower Upper

188 100

94 2.6 1.8 2.8

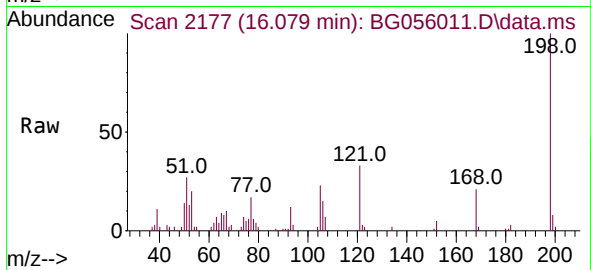
80 2.8 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.014 ng
RT: 16.079 min Scan# 2177
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

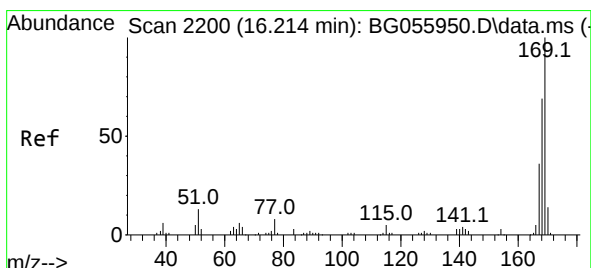
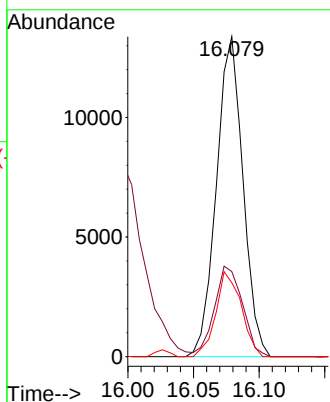
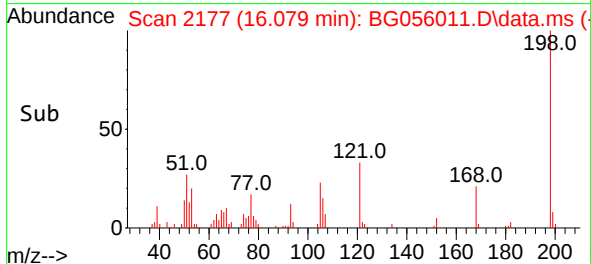
Instrument :
BNA_G
ClientSampleId :
PB149627BS



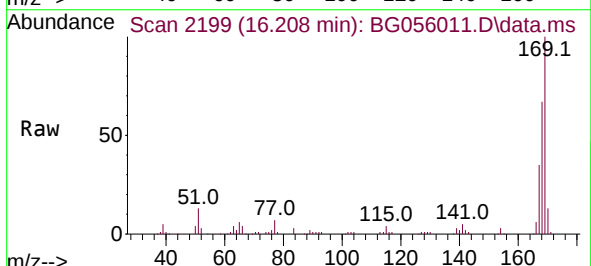
Tgt Ion:198 Resp: 18830
Ion Ratio Lower Upper
198 100
51 26.6 3.0 43.0
105 23.1 3.3 43.3

Manual Integrations
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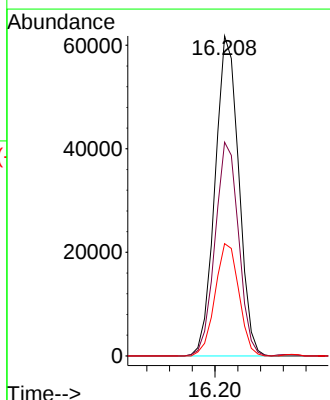
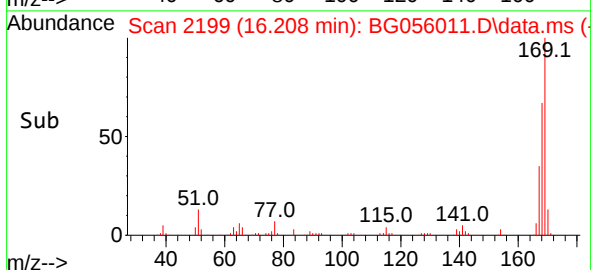
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

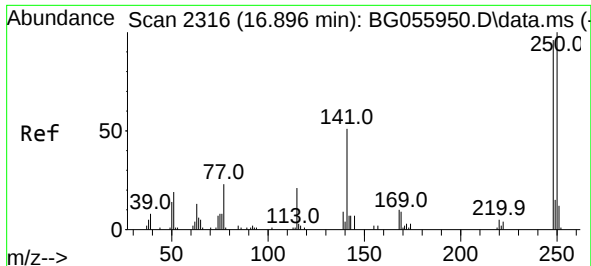


#66
n-Nitrosodiphenylamine
Concen: 37.142 ng
RT: 16.208 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:169 Resp: 89194
Ion Ratio Lower Upper
169 100
168 66.8 55.3 82.9
167 35.1 28.9 43.3





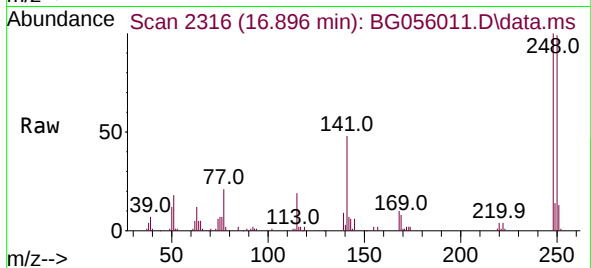
#67
4-Bromophenyl-phenylether
Concen: 36.034 ng
RT: 16.896 min Scan# 2316
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

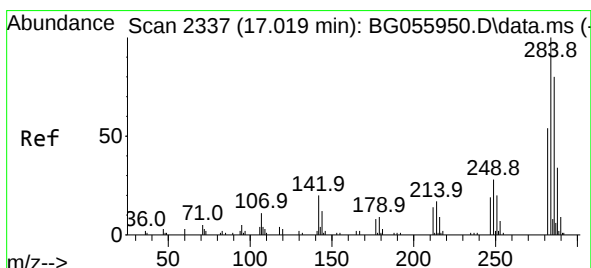
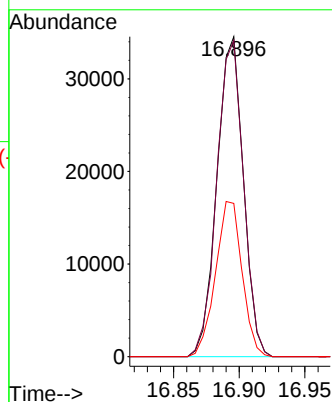
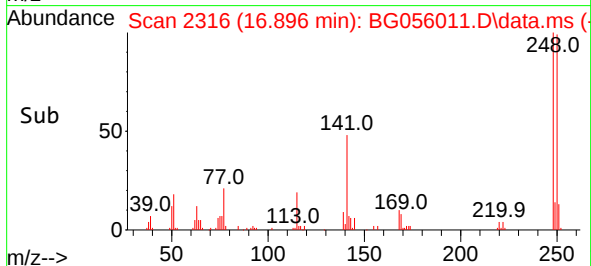


Tgt Ion:248 Resp: 4838
Ion Ratio Lower Upper
248 100
250 98.8 83.0 124.6
141 47.9 42.6 64.0

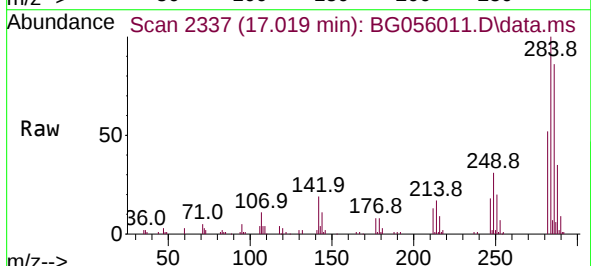
Manual Integrations

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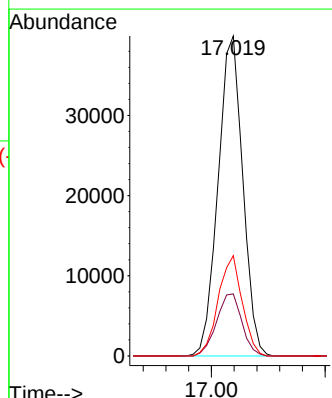
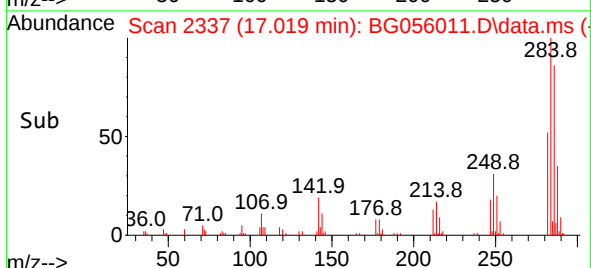
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

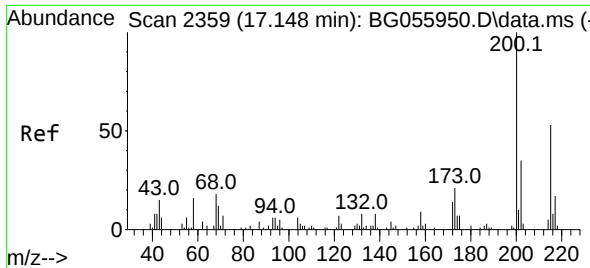


#68
Hexachlorobenzene
Concen: 36.385 ng
RT: 17.019 min Scan# 2337
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:284 Resp: 60180
Ion Ratio Lower Upper
284 100
142 19.4 16.2 24.2
249 31.3 22.8 34.2





#69
 Atrazine
 Concen: 35.283 ng
 RT: 17.143 min Scan# 2358
 Delta R.T. -0.005 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

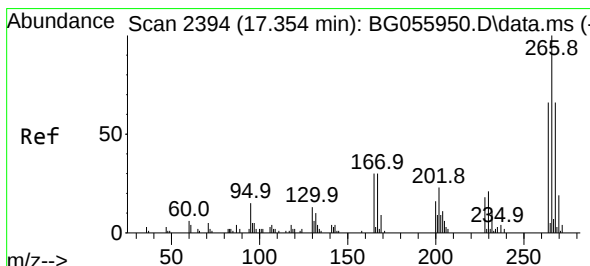
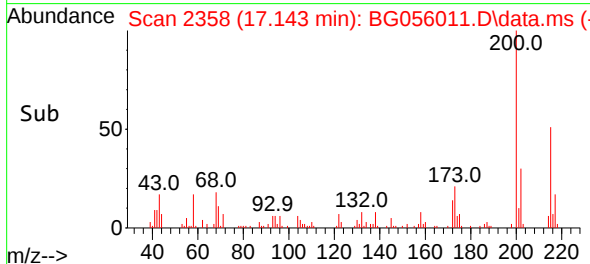
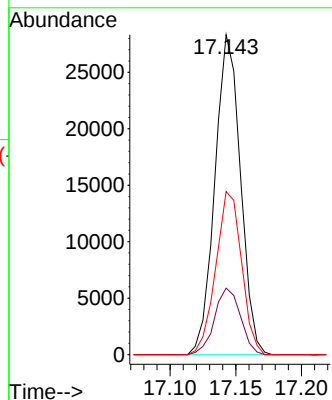
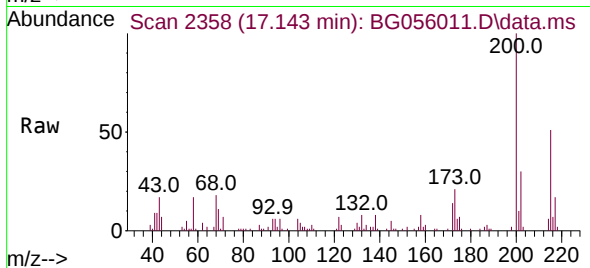
PB149627BS

Tgt Ion:200 Resp: 38365
 Ion Ratio Lower Upper
 200 100
 173 20.8 1.4 41.4
 215 51.0 33.3 73.3

Manual Integrations

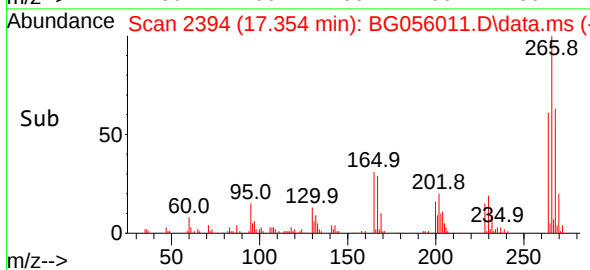
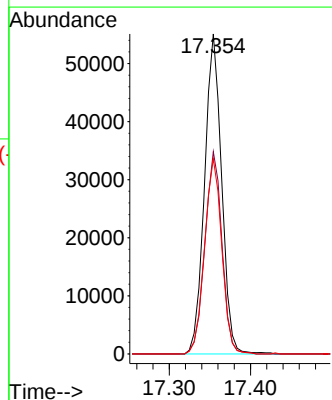
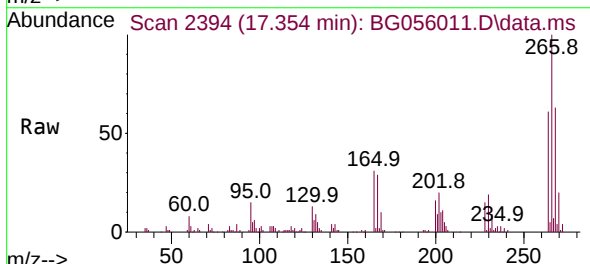
APPROVED

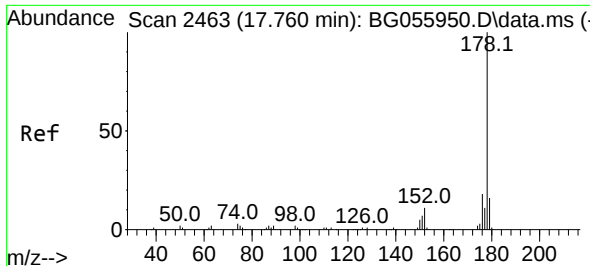
Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#70
 Pentachlorophenol
 Concen: 85.156 ng
 RT: 17.354 min Scan# 2394
 Delta R.T. -0.005 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

Tgt Ion:266 Resp: 80521
 Ion Ratio Lower Upper
 266 100
 268 63.2 55.5 83.3
 264 61.0 52.6 78.8





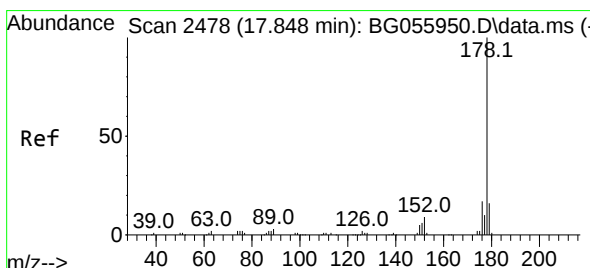
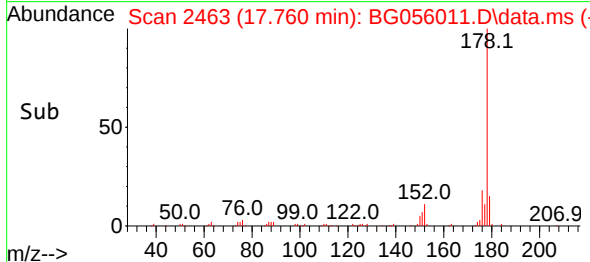
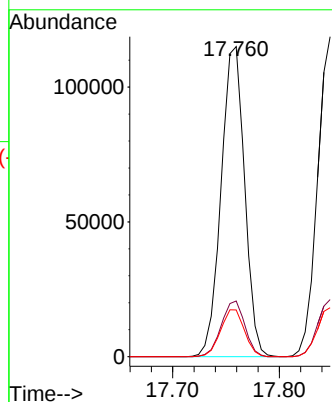
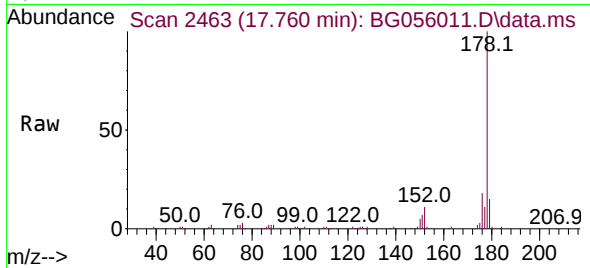
#71
Phenanthrene
Concen: 36.799 ng
RT: 17.760 min Scan# 2463
Delta R.T. 0.001 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion:178 Resp: 176724
Ion Ratio Lower Upper
178 100
176 18.0 14.4 21.6
179 15.0 12.7 19.1

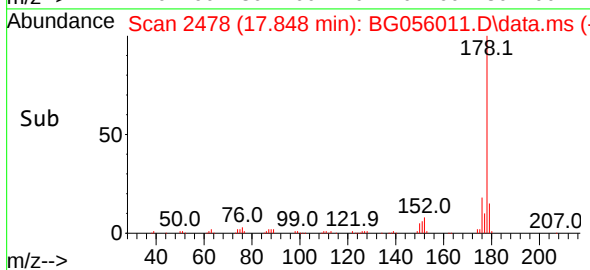
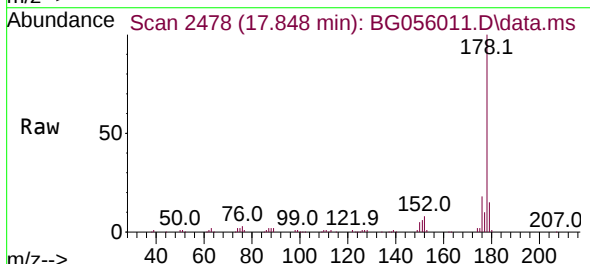
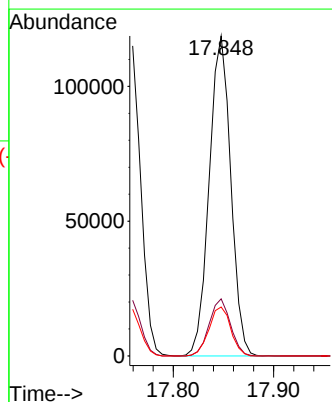
Manual Integrations
APPROVED

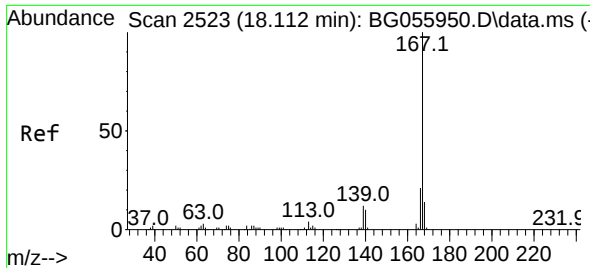
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#72
Anthracene
Concen: 37.288 ng
RT: 17.848 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

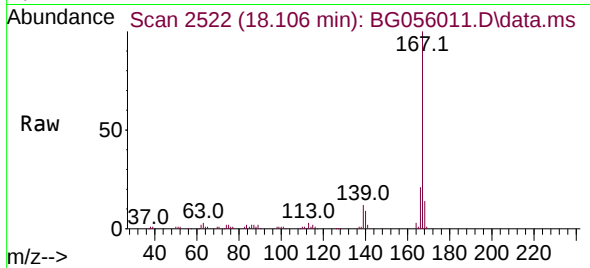
Tgt Ion:178 Resp: 177158
Ion Ratio Lower Upper
178 100
176 17.8 13.9 20.9
179 15.3 12.7 19.1





#73
Carbazole
Concen: 38.263 ng
RT: 18.106 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

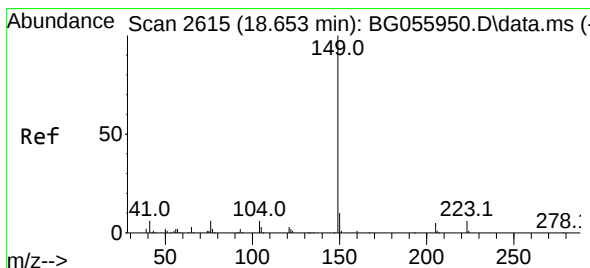
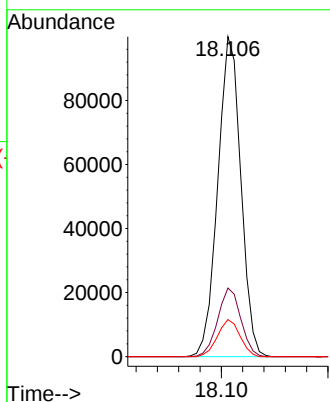
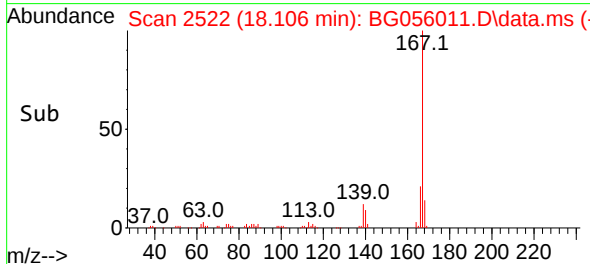
Instrument :
BNA_G
ClientSampleId :
PB149627BS



Tgt Ion:167 Resp: 149933
Ion Ratio Lower Upper
167 100
166 21.4 16.6 25.0
139 11.6 9.7 14.5

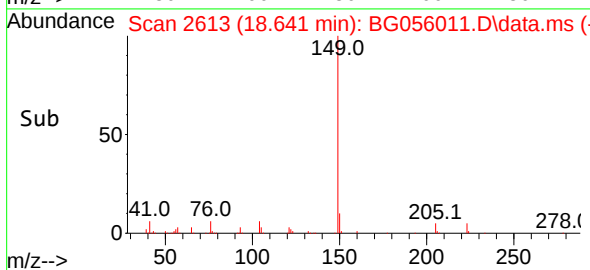
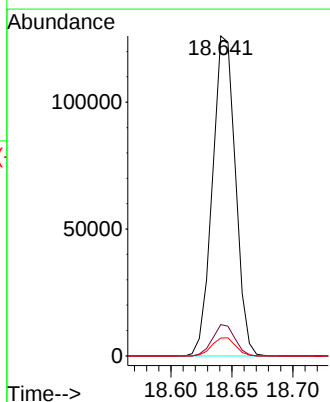
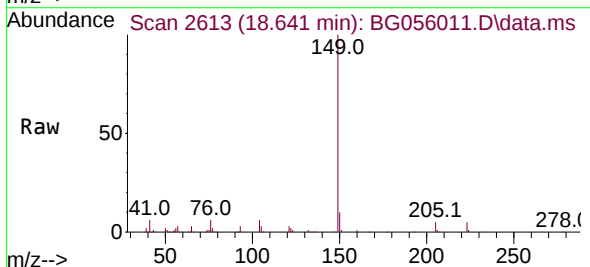
Manual Integrations
APPROVED

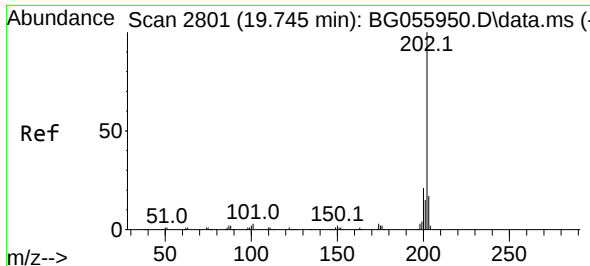
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#74
Di-n-butylphthalate
Concen: 36.306 ng
RT: 18.641 min Scan# 2613
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

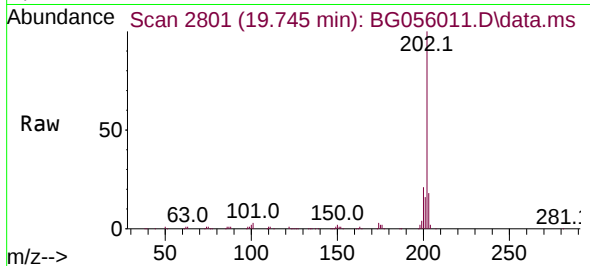
Tgt Ion:149 Resp: 165445
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 35.688 ng
RT: 19.745 min Scan# 2801
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

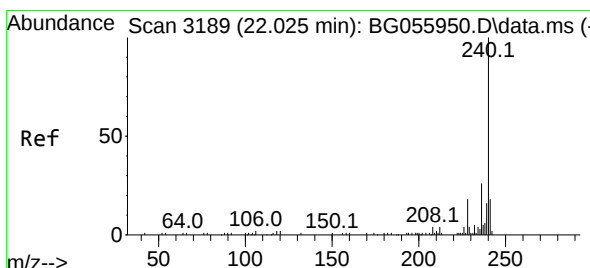
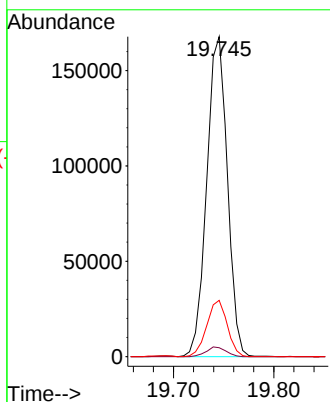
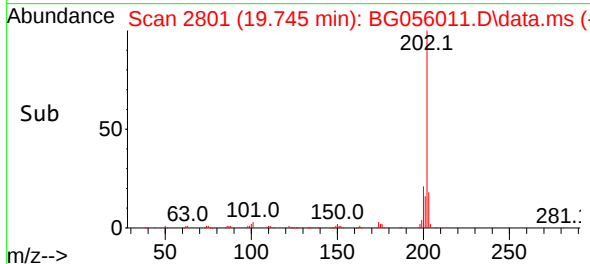
Instrument :
BNA_G
ClientSampleId :
PB149627BS



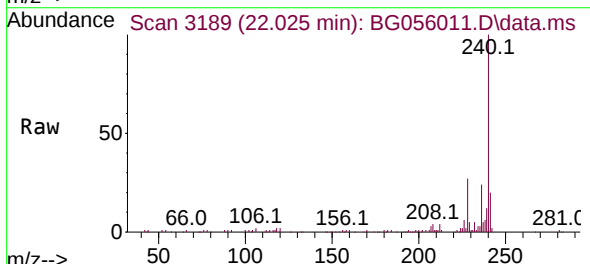
Tgt Ion:202 Resp: 239991
Ion Ratio Lower Upper
202 100
101 2.8 0.0 22.6
203 17.6 0.0 37.1

Manual Integrations
APPROVED

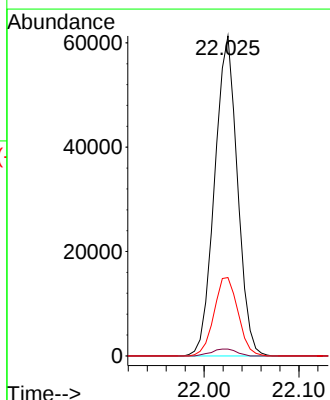
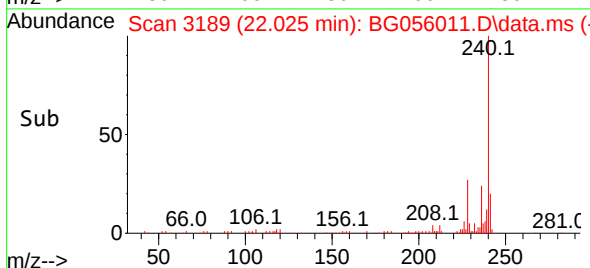
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

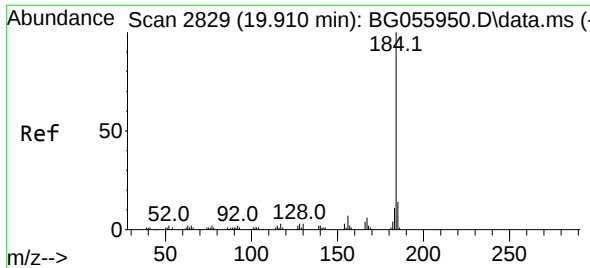


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3189
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:240 Resp: 102427
Ion Ratio Lower Upper
240 100
120 2.1 1.7 2.5
236 24.5 21.1 31.7





#77
Benzidine
Concen: 44.912 ng
RT: 19.910 min Scan# 2829
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

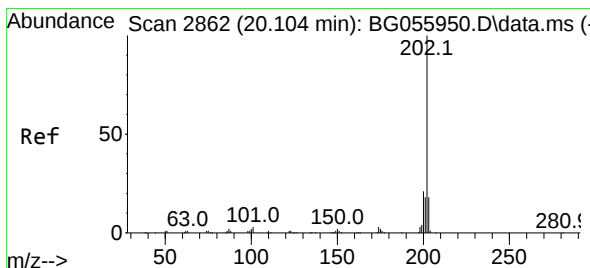
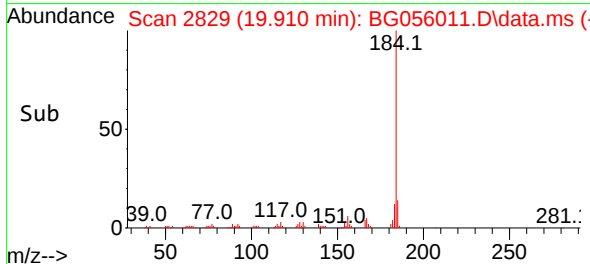
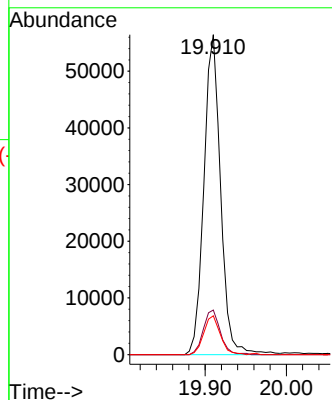
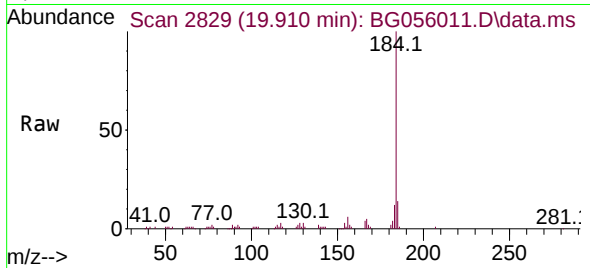
ClientSampleId :

PB149627BS

Tgt Ion:184 Resp: 8078
Ion Ratio Lower Upper
184 100
185 13.9 10.9 16.3
183 12.1 9.2 13.8

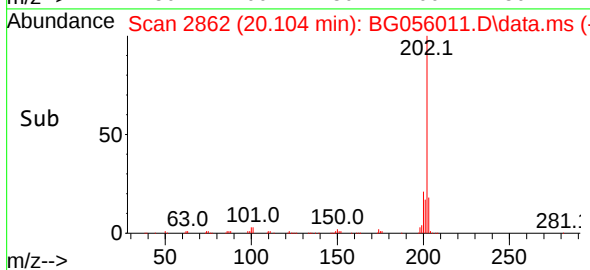
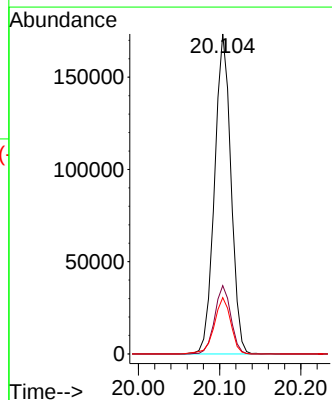
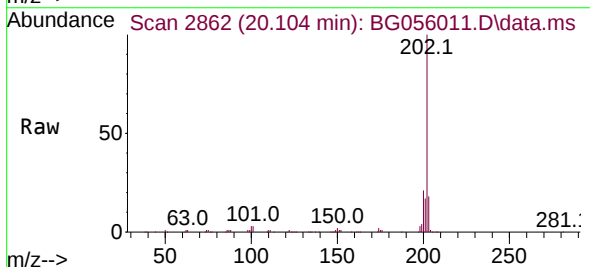
Manual Integrations
APPROVED

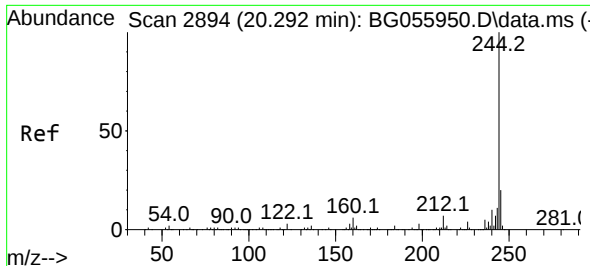
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#78
Pyrene
Concen: 39.172 ng
RT: 20.104 min Scan# 2862
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:202 Resp: 242783
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.6 14.6 21.8





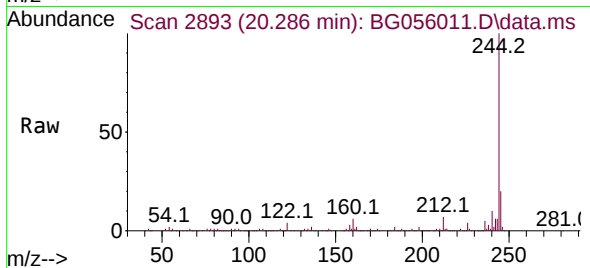
#79
 Terphenyl-d14
 Concen: 78.048 ng
 RT: 20.286 min Scan# 2893
 Delta R.T. -0.005 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

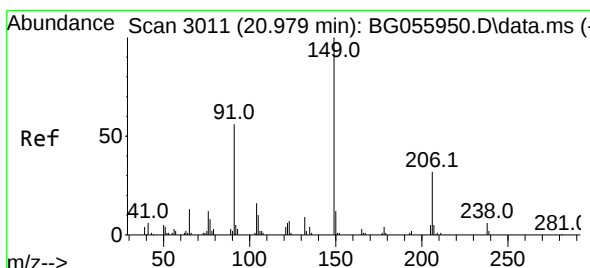
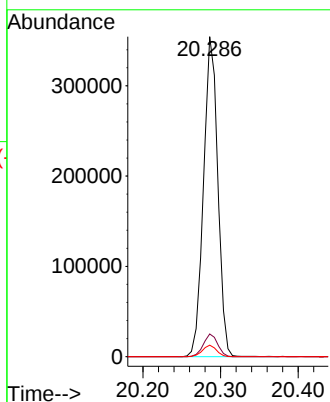
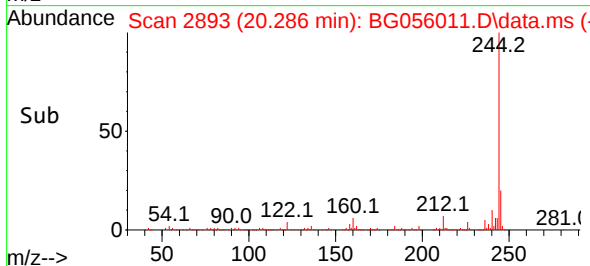


Tgt Ion:244 Resp: 452319
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.6 2.5 3.7

Manual Integrations

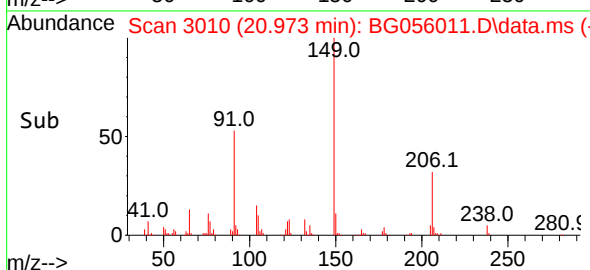
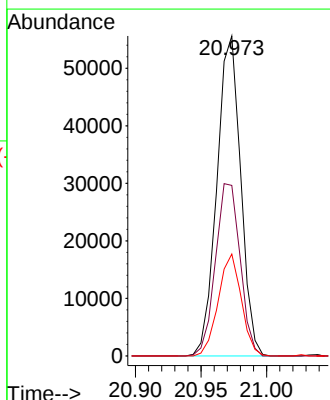
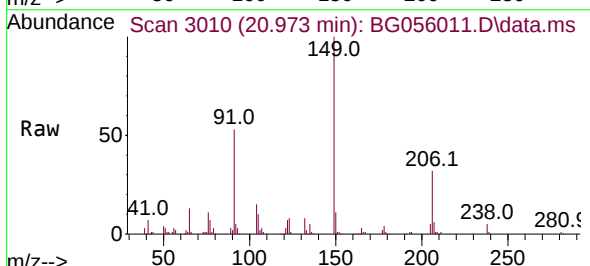
APPROVED

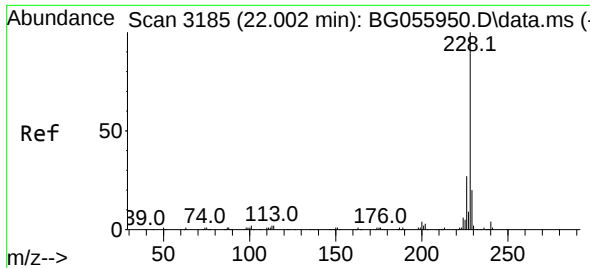
Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#80
 Butylbenzylphthalate
 Concen: 39.981 ng
 RT: 20.973 min Scan# 3010
 Delta R.T. 0.001 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

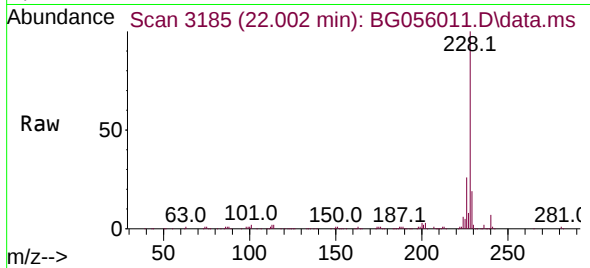
Tgt Ion:149 Resp: 70218
 Ion Ratio Lower Upper
 149 100
 91 53.3 44.5 66.7
 206 31.8 25.8 38.6





#81
Benzo(a)anthracene
Concen: 36.696 ng
RT: 22.002 min Scan# 3185
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

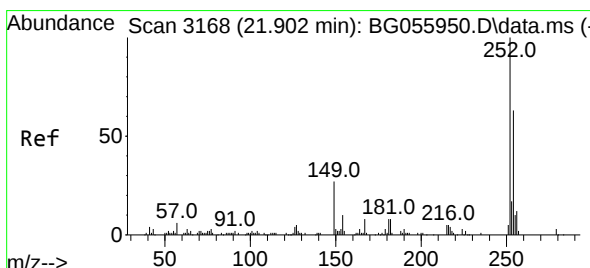
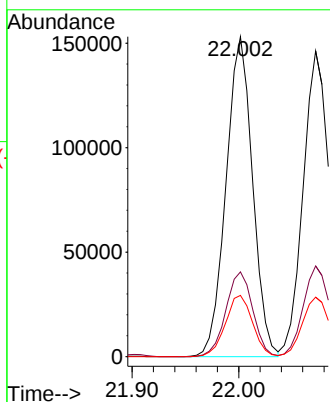
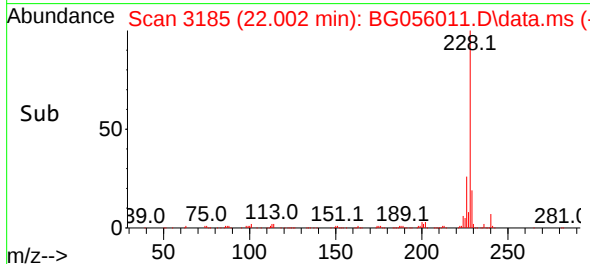
Instrument :
BNA_G
ClientSampleId :
PB149627BS



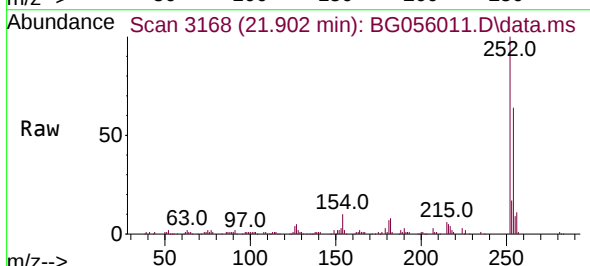
Tgt Ion:228 Resp: 264489
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.6
229 19.1 15.9 23.9

Manual Integrations
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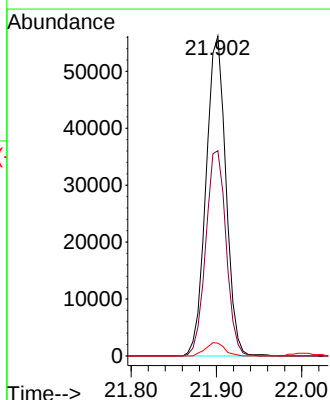
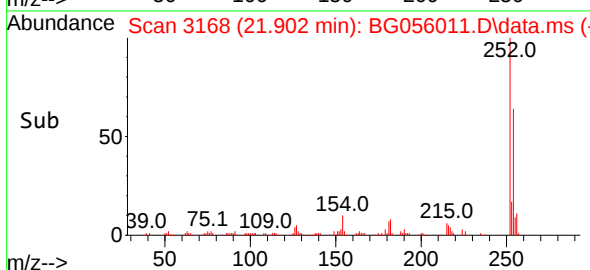
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

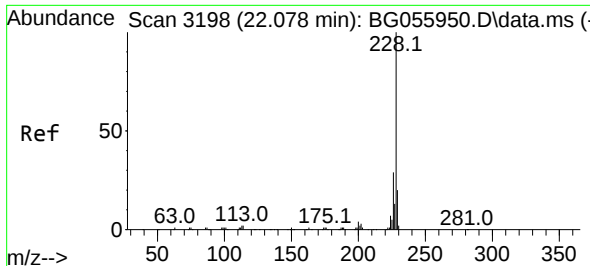


#82
3,3'-Dichlorobenzidine
Concen: 35.029 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



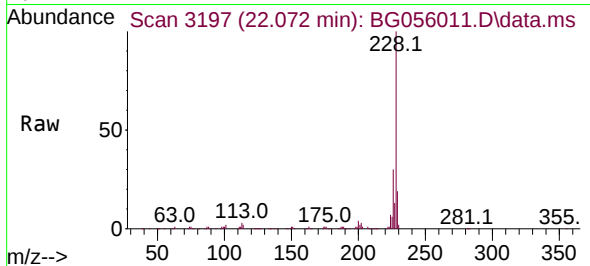
Tgt Ion:252 Resp: 90837
Ion Ratio Lower Upper
252 100
254 64.1 50.2 75.2
126 4.0 3.1 4.7





#83
Chrysene
Concen: 36.656 ng
RT: 22.072 min Scan# 3198
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

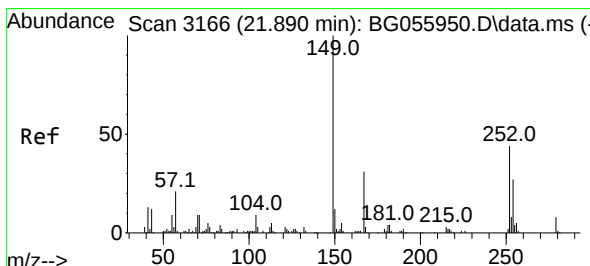
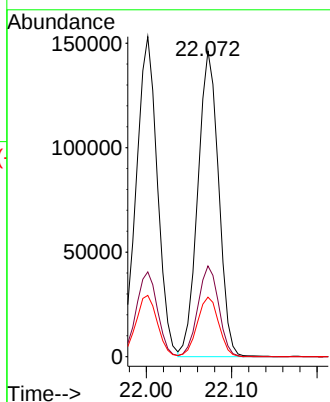
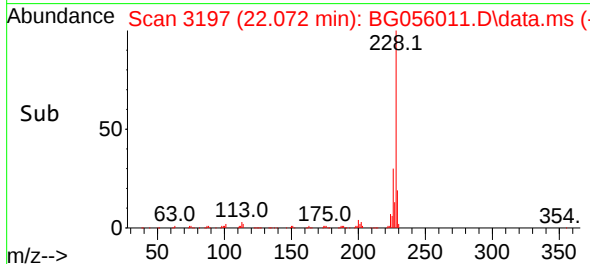
Instrument :
BNA_G
ClientSampleId :
PB149627BS



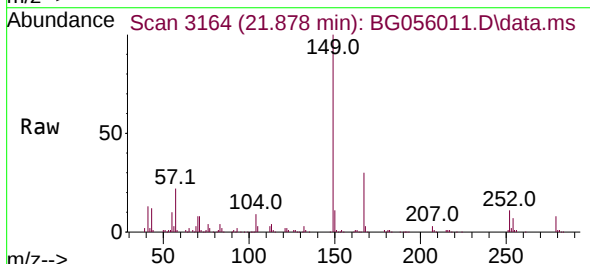
Tgt Ion:228 Resp: 247611
Ion Ratio Lower Upper
228 100
226 29.7 23.1 34.7
229 19.5 15.7 23.5

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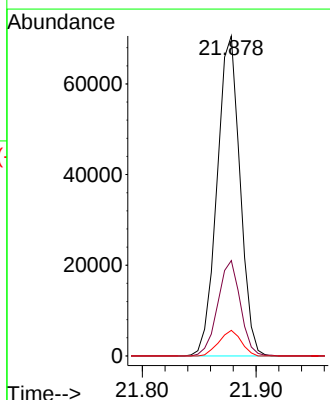
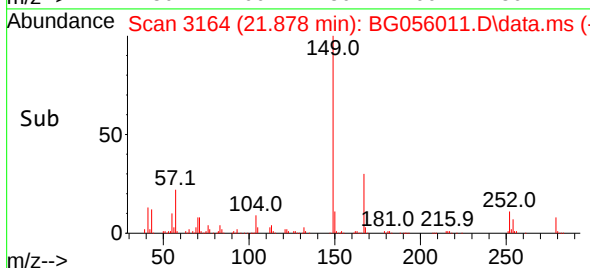
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

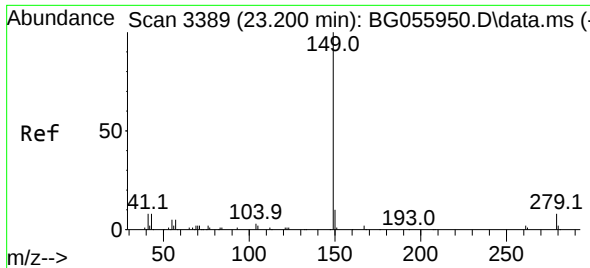


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.900 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



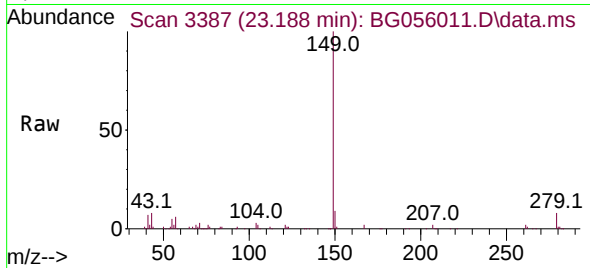
Tgt Ion:149 Resp: 98892
Ion Ratio Lower Upper
149 100
167 29.8 24.6 36.8
279 8.0 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 38.069 ng
RT: 23.188 min Scan# 3387
Delta R.T. -0.005 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

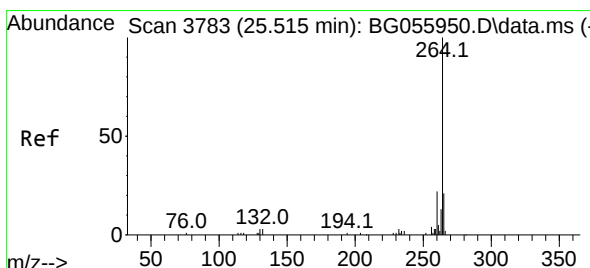
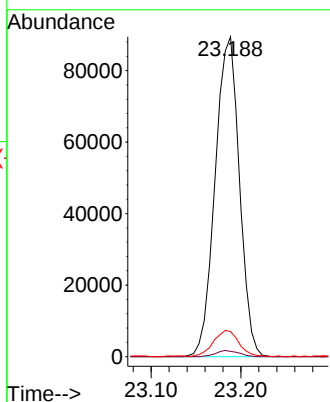
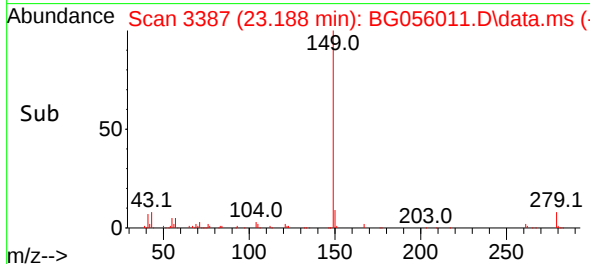
Instrument :
BNA_G
ClientSampleId :
PB149627BS



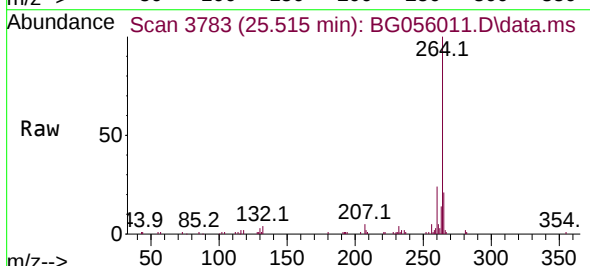
Tgt Ion:149 Resp: 168496
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.6 6.9 10.3

Manual Integrations
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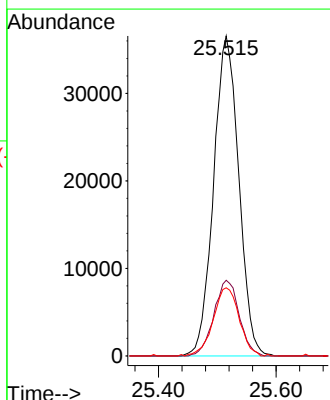
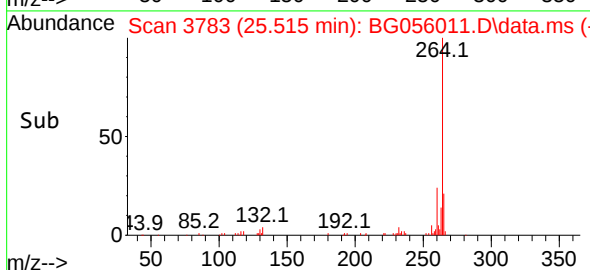
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

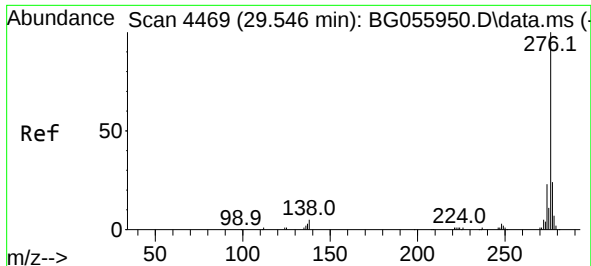


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.515 min Scan# 3783
Delta R.T. -0.011 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



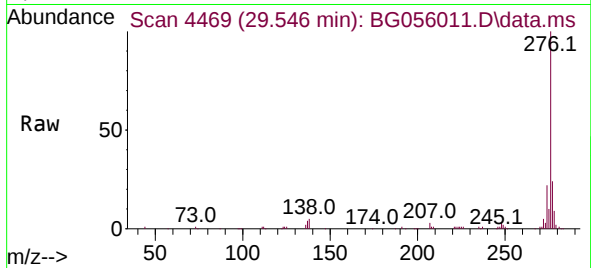
Tgt Ion:264 Resp: 108541
Ion Ratio Lower Upper
264 100
260 23.6 17.8 26.8
265 21.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.911 ng
 RT: 29.546 min Scan# 4469
 Delta R.T. -0.011 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03

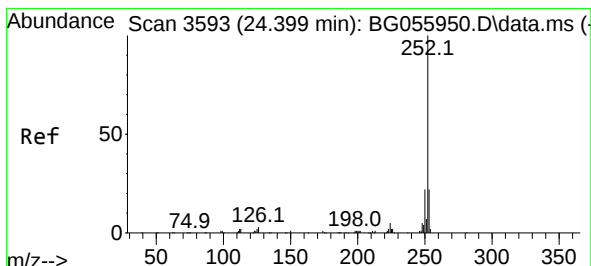
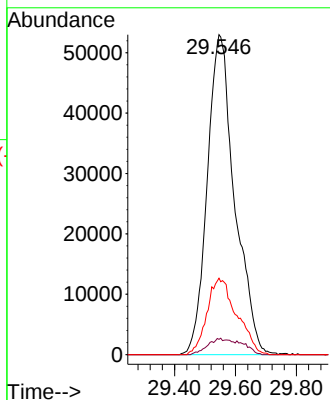
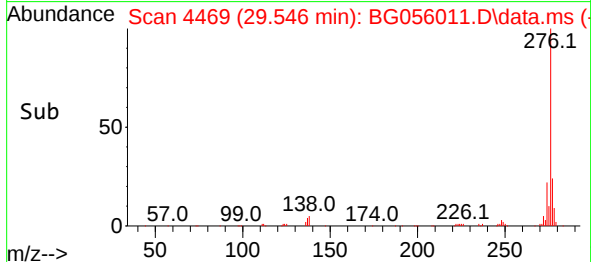
Instrument :
 BNA_G
 ClientSampleId :
 PB149627BS



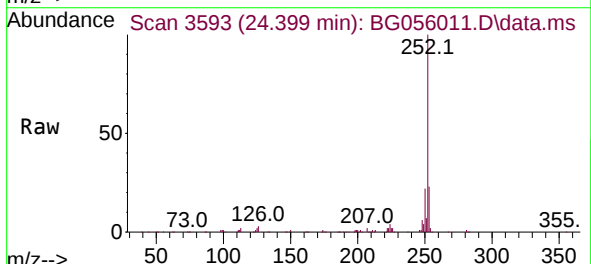
Tgt Ion: 276 Resp: 330895
 Ion Ratio Lower Upper
 276 100
 138 3.1 3.0 4.4
 277 25.8 20.4 30.6

Manual Integrations
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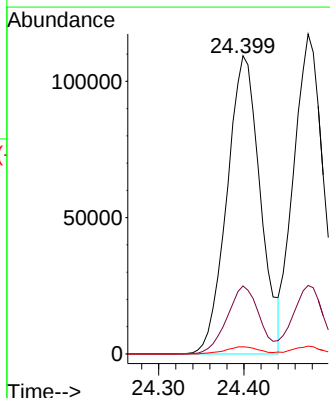
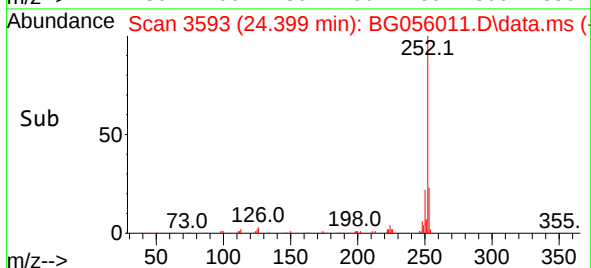
Reviewed By : Christian Giraldo 12/20/2022
 Supervised By : mohammad ahmed 12/20/2022

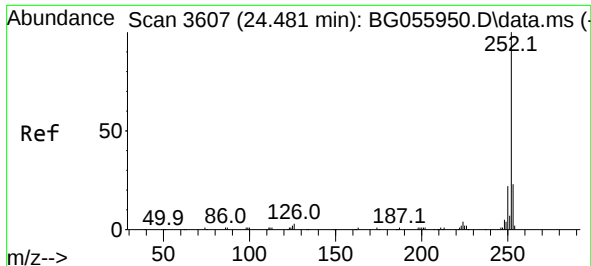


#88
 Benzo(b)fluoranthene
 Concen: 42.215 ng
 RT: 24.399 min Scan# 3593
 Delta R.T. -0.005 min
 Lab File: BG056011.D
 Acq: 19 Dec 2022 13:03



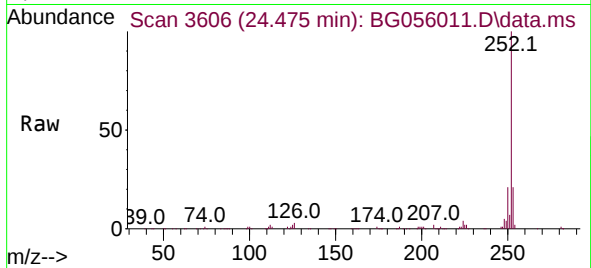
Tgt Ion: 252 Resp: 296548
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.0
 125 2.4 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 40.112 ng
RT: 24.475 min Scan# 3606
Delta R.T. -0.011 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

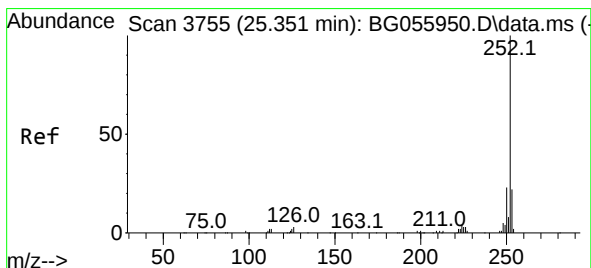
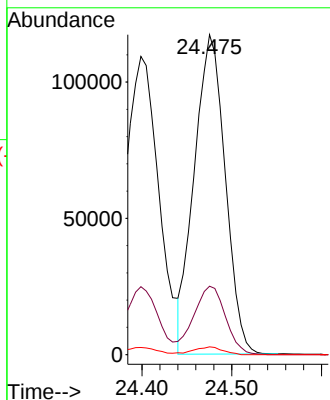
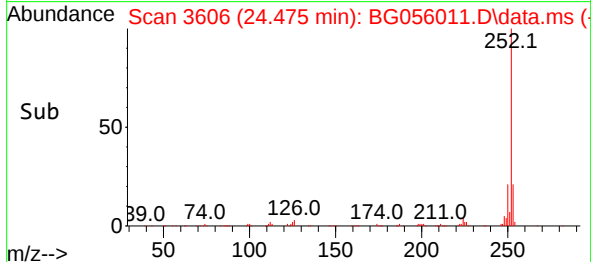
Instrument :
BNA_G
ClientSampleId :
PB149627BS



Tgt Ion:252 Resp: 281131
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 2.4 2.0 3.0

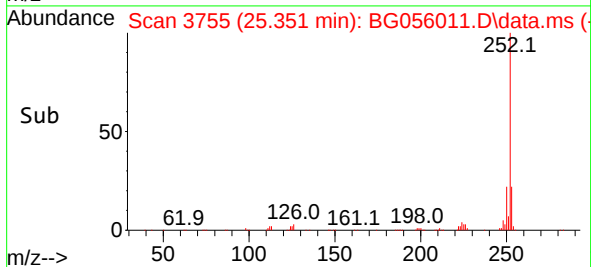
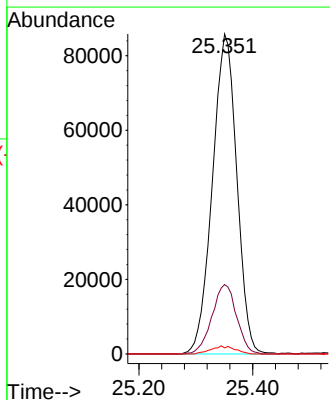
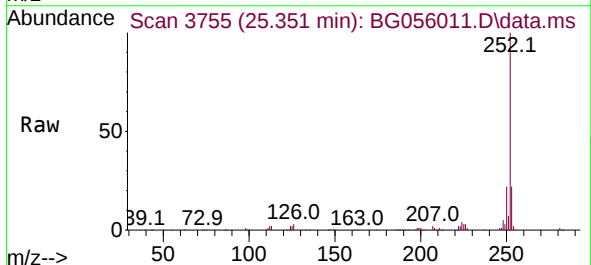
Manual Integrations
APPROVED

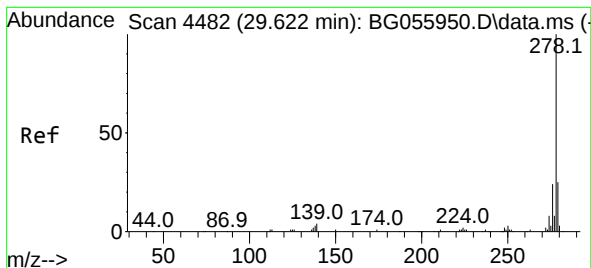
Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#90
Benzo(a)pyrene
Concen: 42.979 ng
RT: 25.351 min Scan# 3755
Delta R.T. -0.011 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Tgt Ion:252 Resp: 255198
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 1.9 1.9 2.9#





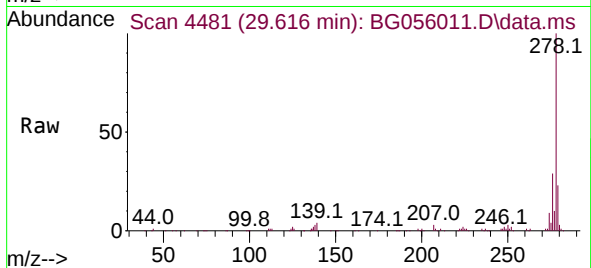
#91
Dibenzo(a,h)anthracene
Concen: 39.482 ng
RT: 29.616 min Scan# 4481
Delta R.T. -0.023 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03

Instrument :

BNA_G

ClientSampleId :

PB149627BS

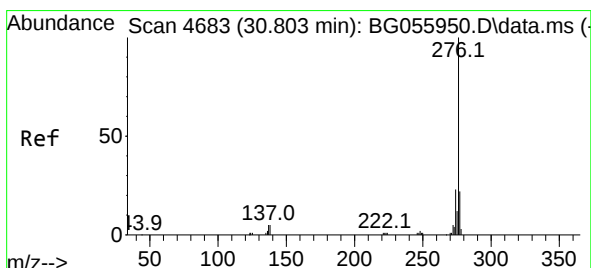
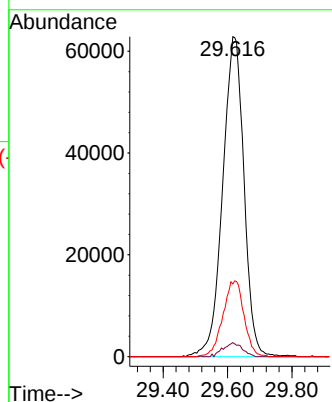
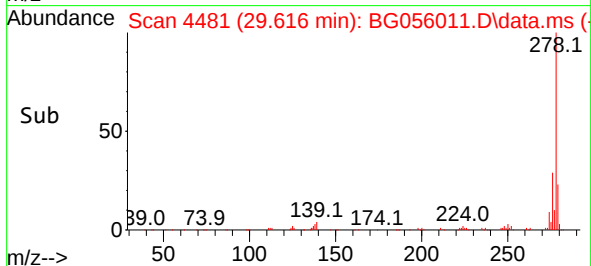


Tgt Ion:278 Resp: 288433
Ion Ratio Lower Upper
278 100
139 4.4 2.9 4.3
279 22.7 20.0 30.0

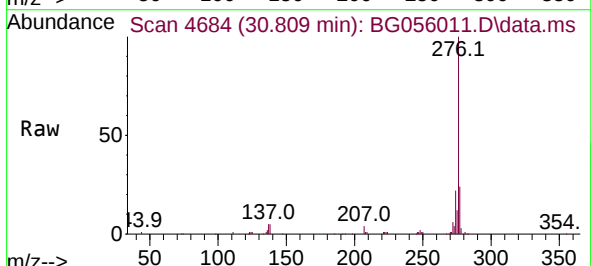
Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#92
Benzo(g,h,i)perylene
Concen: 39.377 ng
RT: 30.809 min Scan# 4684
Delta R.T. -0.023 min
Lab File: BG056011.D
Acq: 19 Dec 2022 13:03



Tgt Ion:276 Resp: 278132
Ion Ratio Lower Upper
276 100
277 24.3 17.8 26.6
138 4.8 3.8 5.6

