

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG056004.D
 Acq On : 16 Dec 2022 21:55
 Operator : CG/JU
 Sample : N6038-29MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB-42-(3-5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 01:25:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 01:18:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.377	152	9220	20.000	ng	0.00
21) Naphthalene-d8	11.209	136	34986	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	32585	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	93862	20.000	ng	0.00
76) Chrysene-d12	22.031	240	92716	20.000	ng	# 0.00
86) Perylene-d12	25.527	264	111824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	36385	92.548	ng	0.00
7) Phenol-d6	7.501	99	45106	89.205	ng	0.00
23) Nitrobenzene-d5	9.546	82	29638	59.200	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	73748	93.860	ng	0.00
45) 2-Fluorobiphenyl	13.612	172	115048	49.518	ng	0.00
79) Terphenyl-d14	20.292	244	299392	57.071	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.712	88	4327	37.819	ng	91
3) Pyridine	4.129	79	11929	31.682	ng	97
4) n-Nitrosodimethylamine	4.041	42	11722	34.632	ng	# 91
6) Aniline	7.683	93	13966	23.069	ng	99
8) 2-Chlorophenol	7.930	128	20720	40.851	ng	97
9) Benzaldehyde	7.495	77	12947	40.771	ng	96
10) Phenol	7.531	94	22520	40.694	ng	97
11) bis(2-Chloroethyl)ether	7.771	93	13261	36.788	ng	95
12) 1,3-Dichlorobenzene	8.259	146	24773	37.757	ng	91
13) 1,4-Dichlorobenzene	8.406	146	25487	38.010	ng	97
14) 1,2-Dichlorobenzene	8.735	146	23904	37.302	ng	99
15) Benzyl Alcohol	8.600	79	19463	37.044	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.888	45	18506m	39.445	ng	
17) 2-Methylphenol	8.800	107	17355	39.859	ng	92
18) Hexachloroethane	9.475	117	8068	39.638	ng	94
19) n-Nitroso-di-n-propyla...	9.176	70	13001	35.871	ng	96
20) 3+4-Methylphenols	9.129	107	23440	37.724	ng	92
22) Acetophenone	9.199	105	31727	36.582	ng	# 100
24) Nitrobenzene	9.587	77	21594	42.852	ng	97
25) Isophorone	10.110	82	37843	36.048	ng	97
26) 2-Nitrophenol	10.304	139	12597	42.227	ng	# 84
27) 2,4-Dimethylphenol	10.345	122	21726m	43.365	ng	
28) bis(2-Chloroethoxy)met...	10.586	93	19120	41.209	ng	98
29) 2,4-Dichlorophenol	10.838	162	28176	39.623	ng	97
30) 1,2,4-Trichlorobenzene	11.062	180	34076	36.864	ng	97
31) Naphthalene	11.262	128	66023	35.765	ng	98
32) Benzoic acid	10.468	122	18913	44.494	ng	95
33) 4-Chloroaniline	11.350	127	8982	11.350	ng	94
34) Hexachlorobutadiene	11.538	225	29184	33.582	ng	94
35) Caprolactam	12.125	113	7357m	37.133	ng	
36) 4-Chloro-3-methylphenol	12.442	107	26324	39.479	ng	94
37) 2-Methylnaphthalene	12.836	142	57268	35.113	ng	98
38) 1-Methylnaphthalene	13.054	142	53384	33.599	ng	97
40) 1,2,4,5-Tetrachloroben...	13.195	216	51942	37.781	ng	99
41) Hexachlorocyclopentadiene	13.171	237	66164	84.831	ng	98
43) 2,4,6-Trichlorophenol	13.418	196	33520	41.188	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	37632	41.020	ng	99
46) 1,1'-Biphenyl	13.817	154	85047	38.506	ng	97
47) 2-Chloronaphthalene	13.870	162	68199	38.001	ng	93
48) 2-Nitroaniline	14.058	65	16689	47.222	ng	90
49) Acenaphthylene	14.705	152	107099	37.387	ng	99
50) Dimethylphthalate	14.423	163	97149	34.485	ng	98
51) 2,6-Dinitrotoluene	14.540	165	20615	47.287	ng	89
52) Acenaphthene	15.045	154	84370	43.872	ng	94
53) 3-Nitroaniline	14.869	138	9998	22.547	ng	90
54) 2,4-Dinitrophenol	15.075	184	29292	90.381	ng	# 76
55) Dibenzofuran	15.374	168	121537	37.582	ng	98
56) 4-Nitrophenol	15.157	139	31844	89.615	ng	96
57) 2,4-Dinitrotoluene	15.321	165	31120	47.291	ng	# 94
58) Fluorene	16.021	166	96381	36.458	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.592	232	44107m	42.085	ng	
60) Diethylphthalate	15.774	149	94146	34.191	ng	99
61) 4-Chlorophenyl-phenyle...	16.003	204	66682	37.027	ng	99
62) 4-Nitroaniline	16.032	138	18463	38.233	ng	95
63) Azobenzene	16.297	77	67651	40.366	ng	98
65) 4,6-Dinitro-2-methylph...	16.085	198	20335	45.352	ng	93
66) n-Nitrosodiphenylamine	16.215	169	90791	36.911	ng	98
67) 4-Bromophenyl-phenylether	16.896	248	50931	37.031	ng	92
68) Hexachlorobenzene	17.019	284	61757	36.454	ng	96
69) Atrazine	17.149	200	44224	39.708	ng	99
70) Pentachlorophenol	17.360	266	78901	81.467	ng	92
71) Phenanthrene	17.760	178	185456	37.703	ng	100
72) Anthracene	17.854	178	178486	36.678	ng	99
73) Carbazole	18.112	167	143357	35.718	ng	99
74) Di-n-butylphthalate	18.647	149	158353	33.927	ng	99
75) Fluoranthene	19.752	202	258744	37.565	ng	99
77) Benzidine	19.910	184	84644	51.985	ng	98
78) Pyrene	20.110	202	254613	45.383	ng	98
80) Butylbenzylphthalate	20.974	149	64144	40.348	ng	97
81) Benzo(a)anthracene	22.008	228	264455	40.534	ng	99
82) 3,3'-Dichlorobenzidine	21.902	252	46802	19.938	ng	94
83) Chrysene	22.078	228	247967	40.553	ng	98
84) Bis(2-ethylhexyl)phtha...	21.878	149	89584	37.929	ng	97
85) Di-n-octyl phthalate	23.195	149	151237	37.748	ng	100
87) Indeno(1,2,3-cd)pyrene	29.569	276	340520	37.868	ng	# 99
88) Benzo(b)fluoranthene	24.411	252	304748	42.109	ng	98
89) Benzo(k)fluoranthene	24.487	252	270281	37.432	ng	98
90) Benzo(a)pyrene	25.363	252	258567	42.268	ng	99
91) Dibenzo(a,h)anthracene	29.634	278	278512	37.005	ng	99
92) Benzo(g,h,i)perylene	30.839	276	275822	37.904	ng	96

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

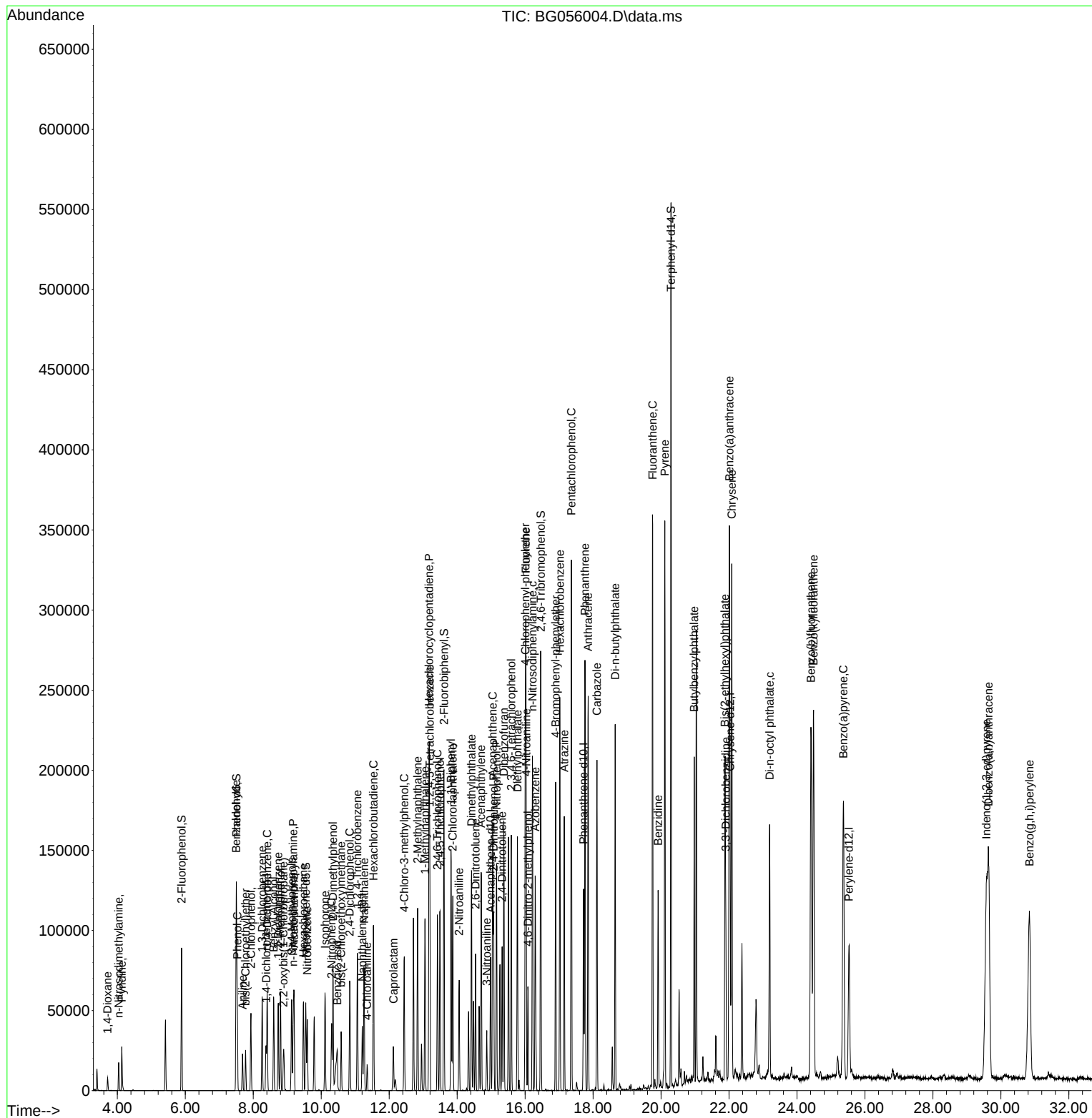
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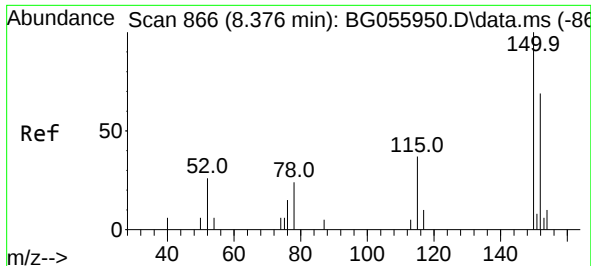
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Manual Integrations APPROVED

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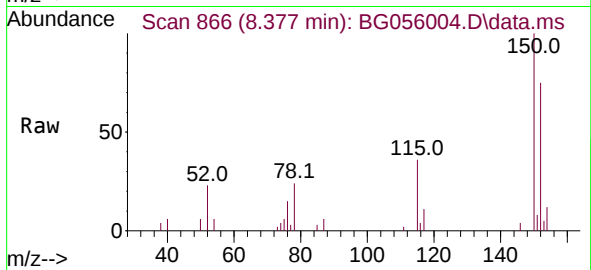
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.377 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

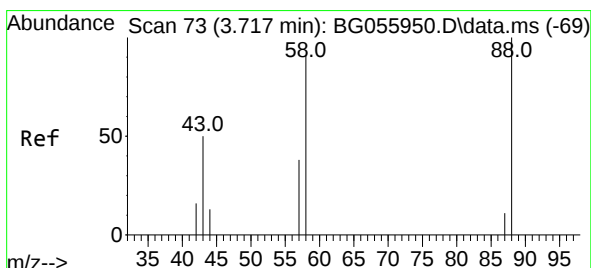
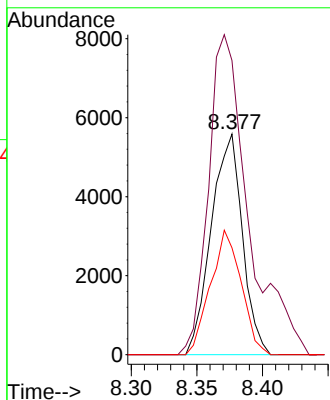
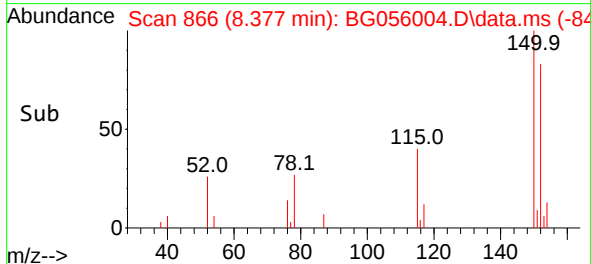
Instrument :
BNA_G
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Tgt Ion:152 Resp: 9220
Ion Ratio Lower Upper
152 100
150 133.3 115.7 173.5
115 48.4 43.0 64.4

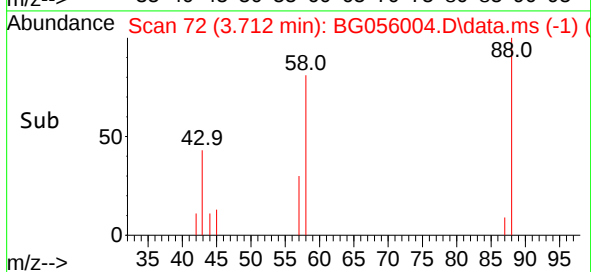
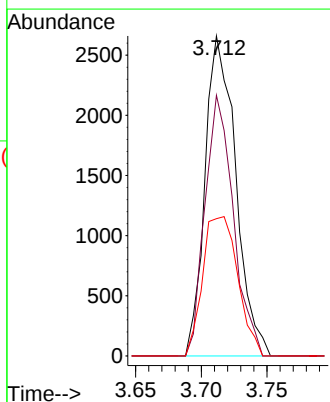
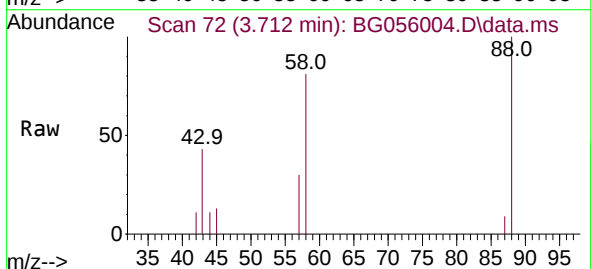
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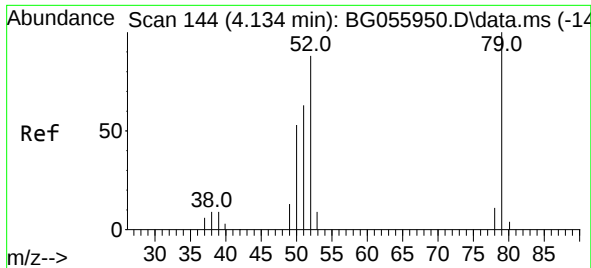
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#2
1,4-Dioxane
Concen: 37.819 ng
RT: 3.712 min Scan# 72
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

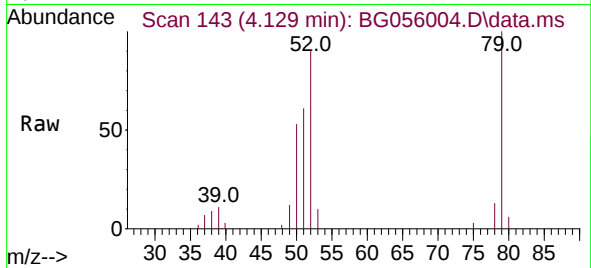
Tgt Ion: 88 Resp: 4327
Ion Ratio Lower Upper
88 100
58 75.4 67.0 100.4
43 49.8 45.7 68.5





#3
Pyridine
Concen: 31.682 ng
RT: 4.129 min Scan# 144
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

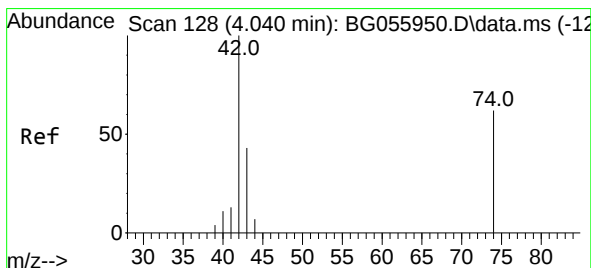
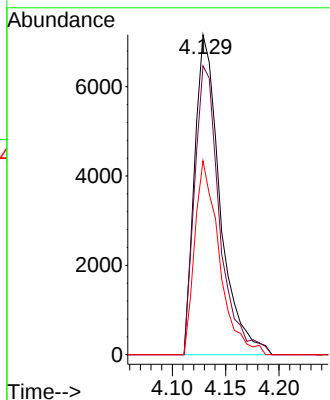
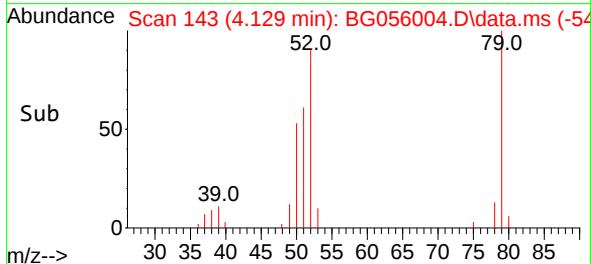
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ClientSampleId :
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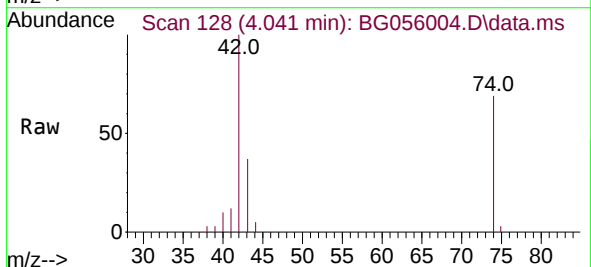
Tgt Ion: 79 Resp: 11929
Ion Ratio Lower Upper
79 100
52 90.2 70.3 105.5
51 60.6 50.6 76.0

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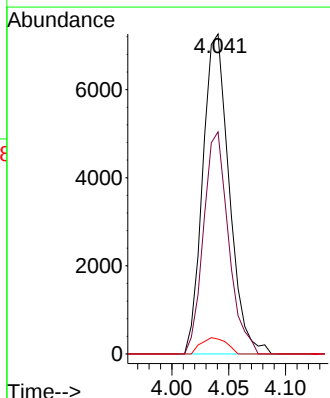
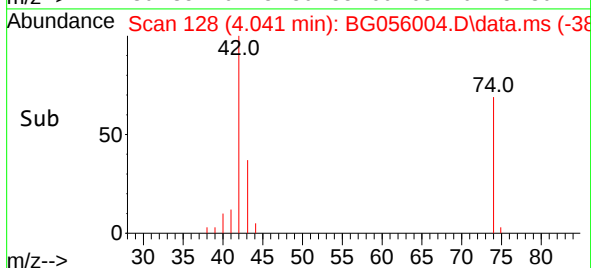
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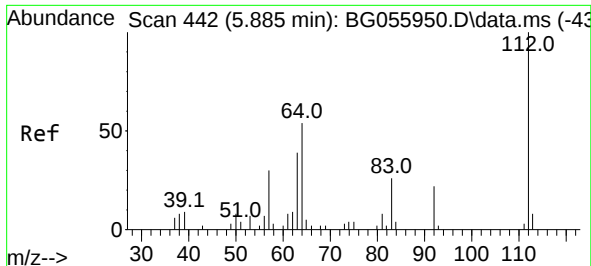


#4
n-Nitrosodimethylamine
Concen: 34.632 ng
RT: 4.041 min Scan# 128
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion: 42 Resp: 11722
Ion Ratio Lower Upper
42 100
74 69.4 49.8 74.6
44 4.7 5.2 7.8#





#5
2-Fluorophenol
Concen: 92.548 ng
RT: 5.891 min Scan# 442
Delta R.T. 0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

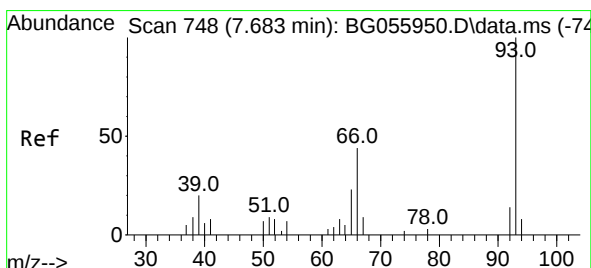
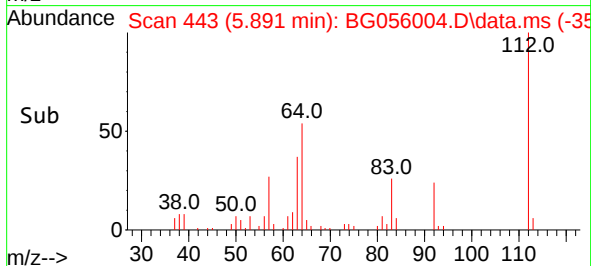
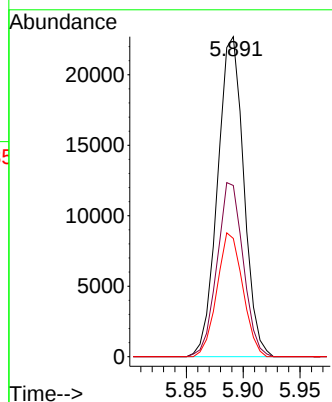
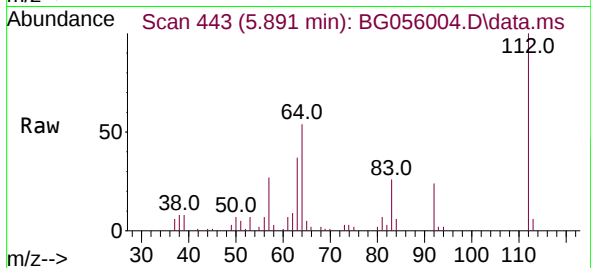
RB-42-(3-5)MSD

Tgt Ion:112 Resp: 3638
Ion Ratio Lower Upper
112 100
64 53.5 43.0 64.4
63 36.9 31.4 47.2

Manual Integrations

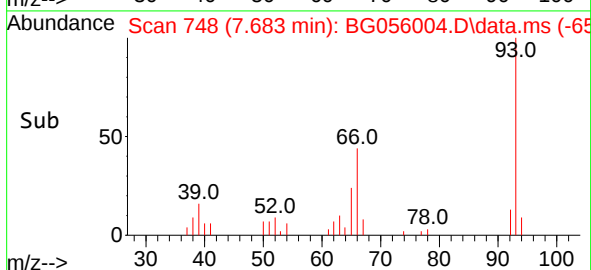
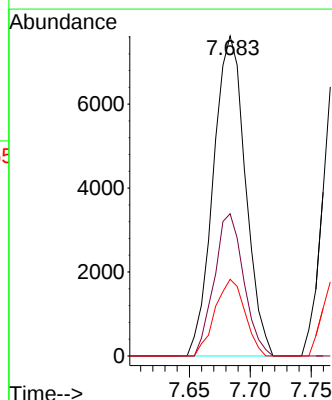
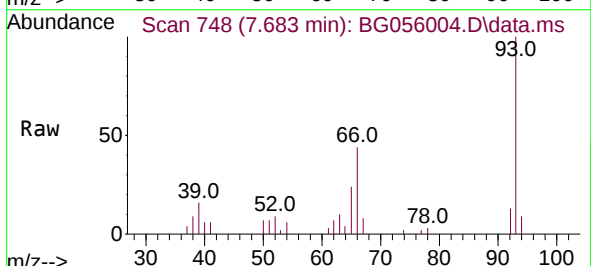
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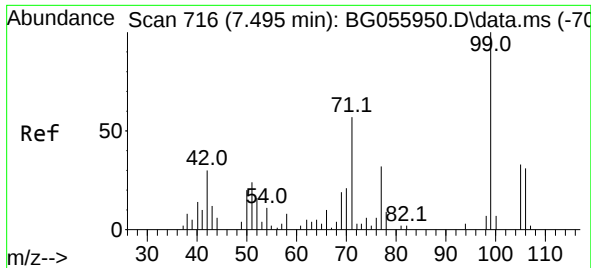
Reviewed By :Yogesh Patel 12/19/2022
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#6
Aniline
Concen: 23.069 ng
RT: 7.683 min Scan# 748
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion: 93 Resp: 13966
Ion Ratio Lower Upper
93 100
66 44.4 35.5 53.3
65 23.9 18.2 27.2





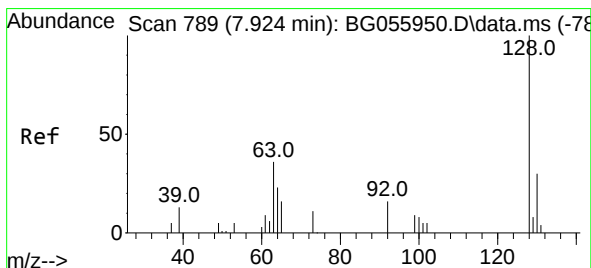
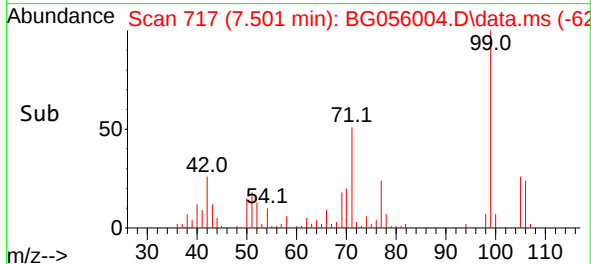
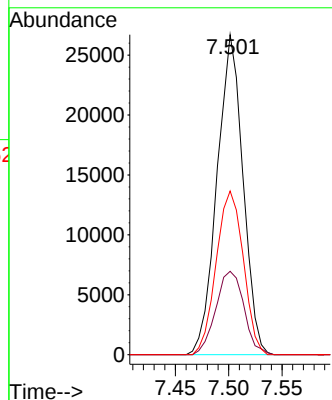
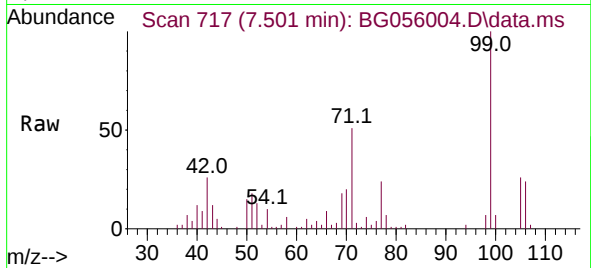
#7
Phenol-d6
Concen: 89.205 ng
RT: 7.501 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

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RB-42-(3-5)MSD

Tgt Ion: 99 Resp: 45100
Ion Ratio Lower Upper
99 100
42 26.1 24.3 36.5
71 51.2 45.6 68.4

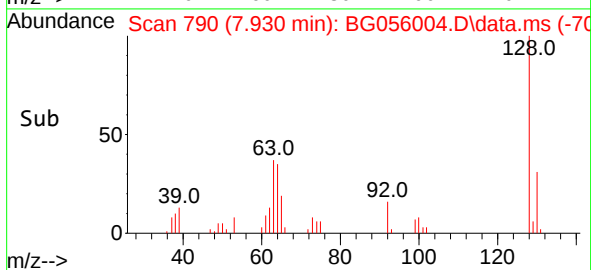
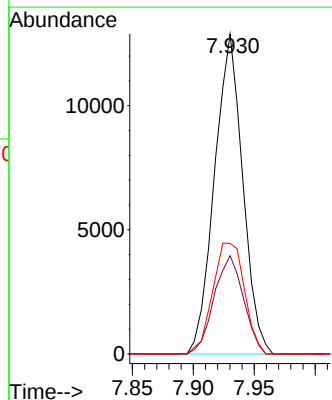
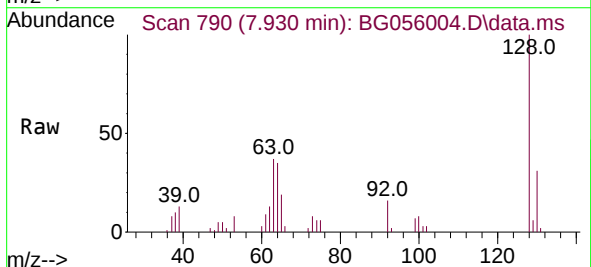
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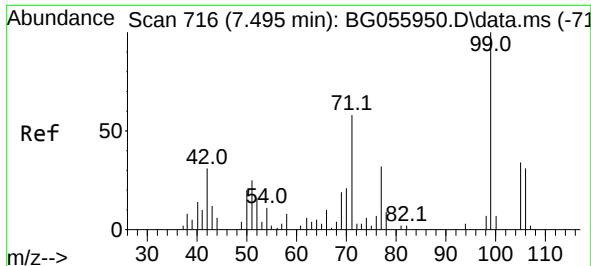
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#8
2-Chlorophenol
Concen: 40.851 ng
RT: 7.930 min Scan# 790
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion:128 Resp: 20720
Ion Ratio Lower Upper
128 100
130 30.7 9.9 49.9
64 34.5 16.7 56.7





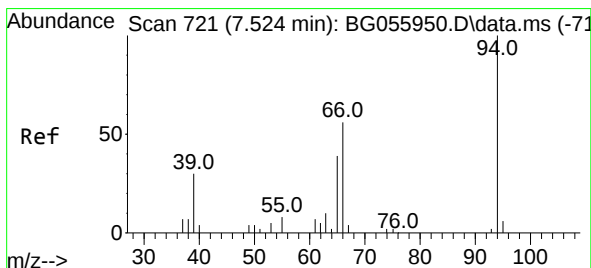
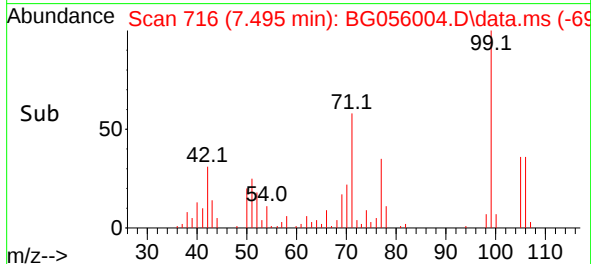
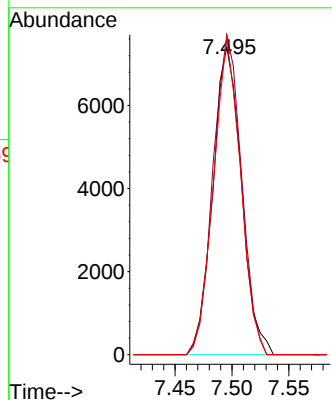
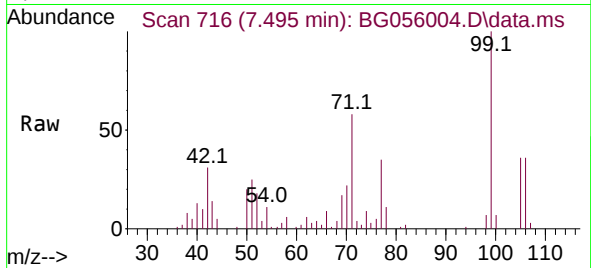
#9
Benzaldehyde
Concen: 40.771 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056004.D
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Instrument :
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Tgt Ion: 77 Resp: 1294
Ion Ratio Lower Upper
77 100
105 104.1 83.1 123.1
106 103.1 76.3 116.3

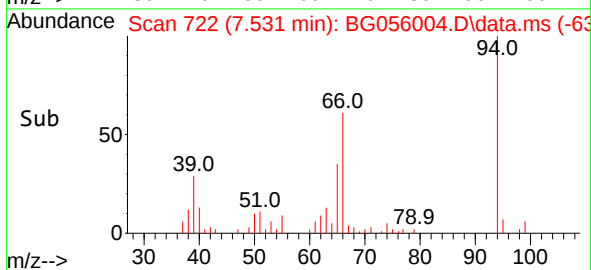
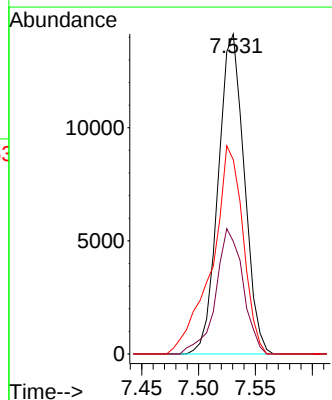
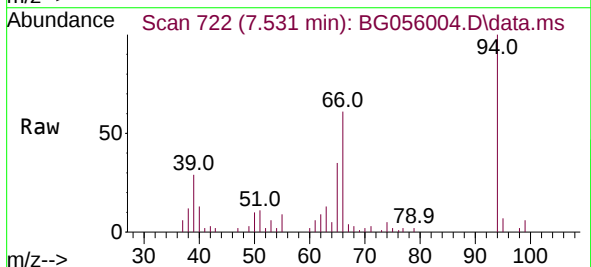
Manual Integrations
APPROVED

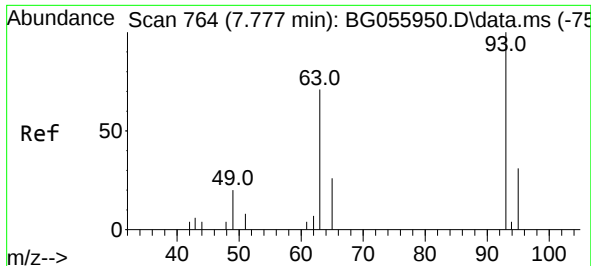
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#10
Phenol
Concen: 40.694 ng
RT: 7.531 min Scan# 722
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

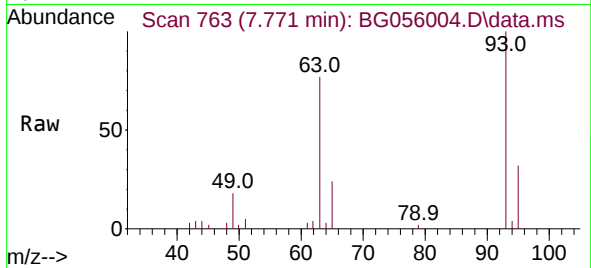
Tgt Ion: 94 Resp: 22520
Ion Ratio Lower Upper
94 100
65 35.1 18.9 58.9
66 60.7 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 36.788 ng
RT: 7.771 min Scan# 763
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

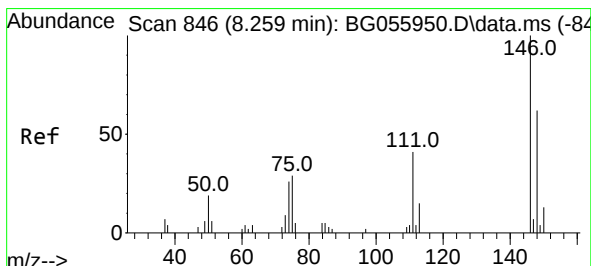
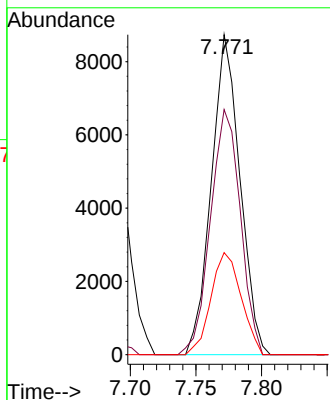
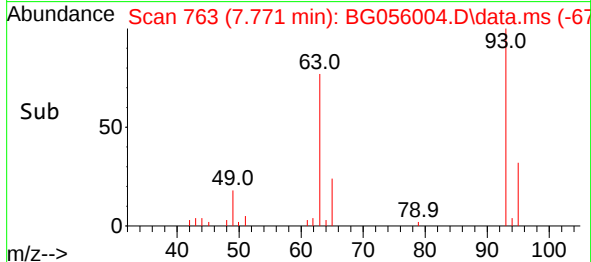
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



Tgt Ion: 93 Resp: 1326
Ion Ratio Lower Upper
93 100
63 76.6 51.4 91.4
95 31.9 11.3 51.3

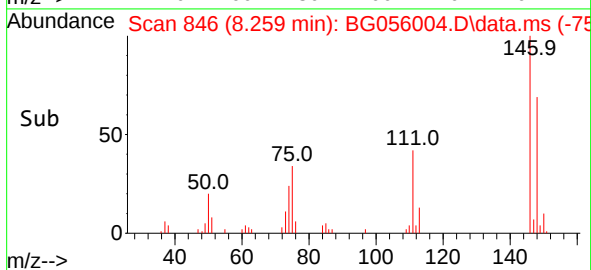
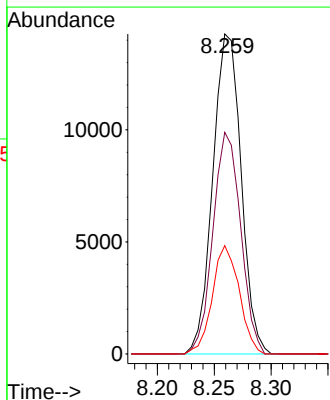
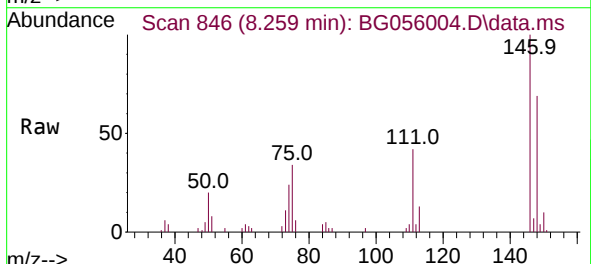
Manual Integrations
APPROVED

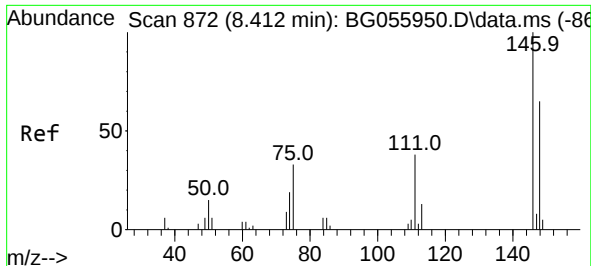
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
1,3-Dichlorobenzene
Concen: 37.757 ng
RT: 8.259 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion:146 Resp: 24773
Ion Ratio Lower Upper
146 100
148 69.2 49.7 74.5
75 33.9 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 38.010 ng

RT: 8.406 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

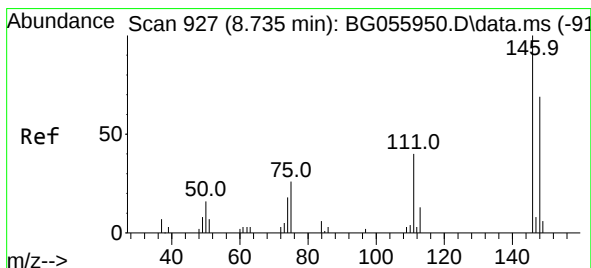
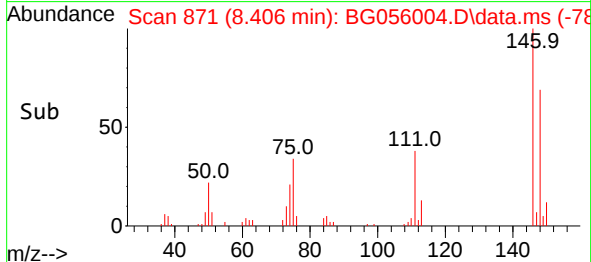
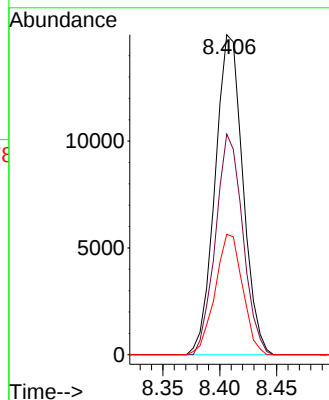
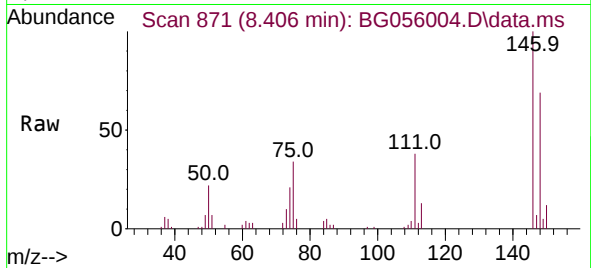
Tgt Ion:146	Resp:	2548
Ion Ratio	Lower	Upper
146	100	
148	69.0	52.4 78.6
111	37.6	30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#14

1,2-Dichlorobenzene

Concen: 37.302 ng

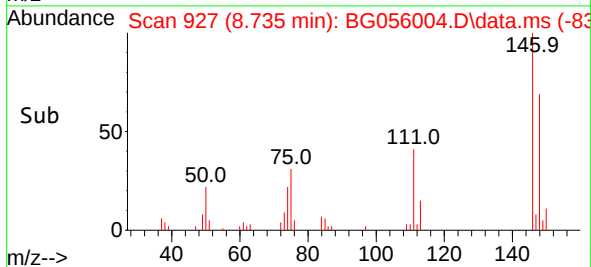
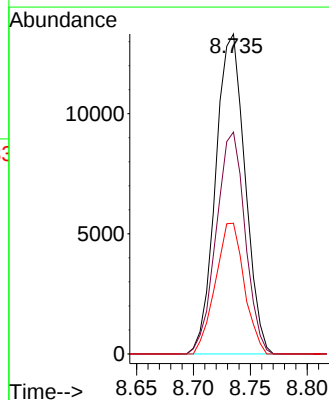
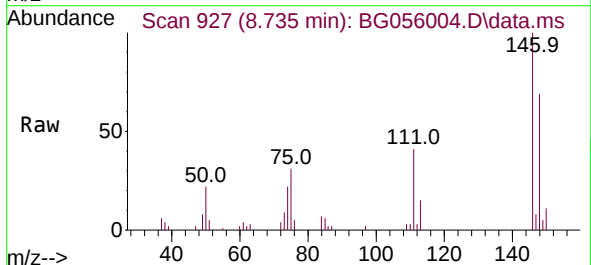
RT: 8.735 min Scan# 927

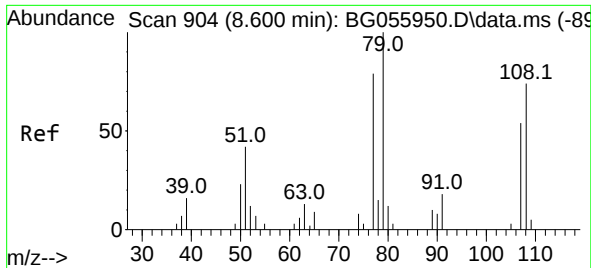
Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Tgt Ion:146	Resp:	23904
Ion Ratio	Lower	Upper
146	100	
148	69.3	55.1 82.7
111	40.8	32.4 48.6





#15
Benzyl Alcohol
Concen: 37.044 ng
RT: 8.600 min Scan# 904
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

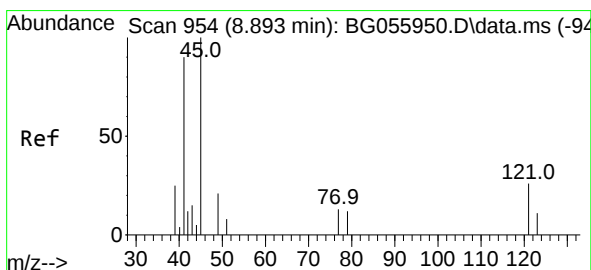
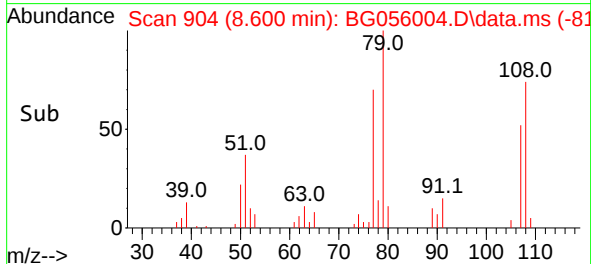
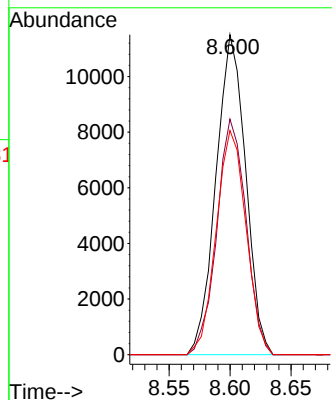
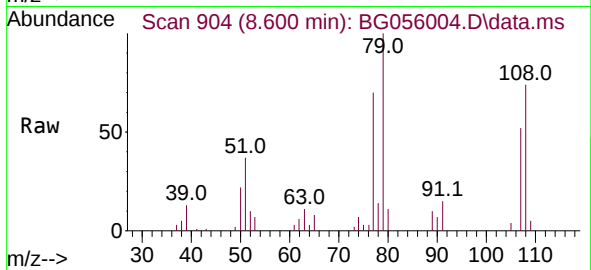
ClientSampleId :

RB-42-(3-5)MSD

Tgt Ion: 79 Resp: 1946
Ion Ratio Lower Upper
79 100
108 73.6 59.5 89.3
77 70.1 63.0 94.6

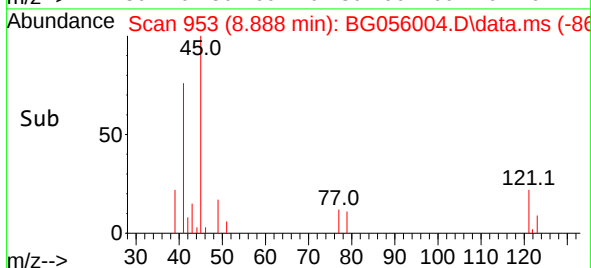
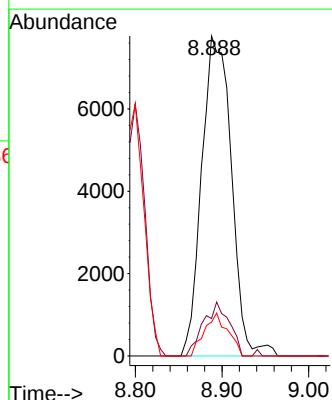
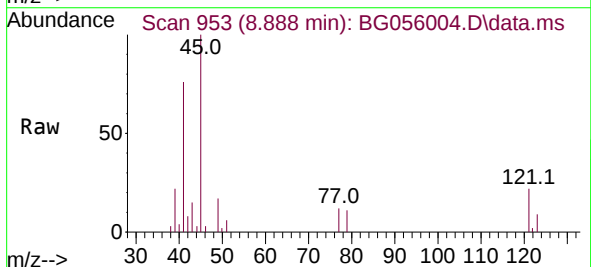
Manual Integrations
APPROVED

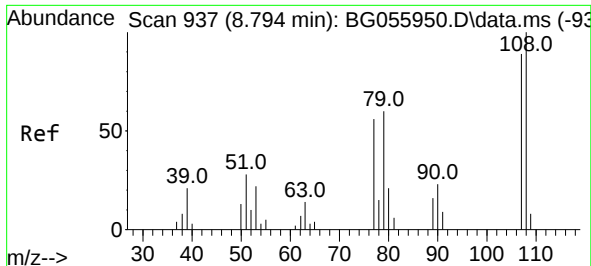
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.445 ng m
RT: 8.888 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion: 45 Resp: 18506
Ion Ratio Lower Upper
45 100
77 11.7 0.0 33.4
79 10.6 0.0 31.8





#17
2-Methylphenol
Concen: 39.859 ng
RT: 8.800 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

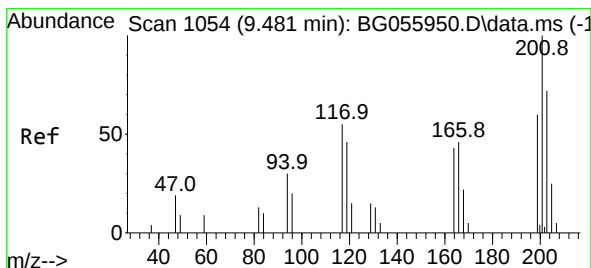
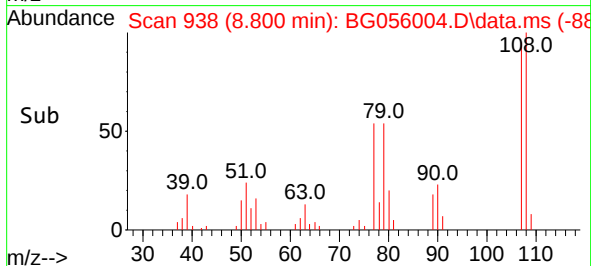
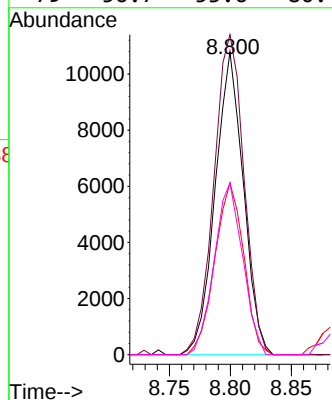
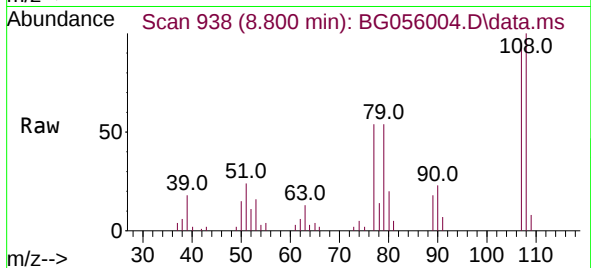
RB-42-(3-5)MSD

Tgt Ion:107 Resp: 1735
Ion Ratio Lower Upper
107 100
108 105.6 89.8 134.8
77 56.7 50.2 75.2
79 56.7 53.6 80.4

Manual Integrations

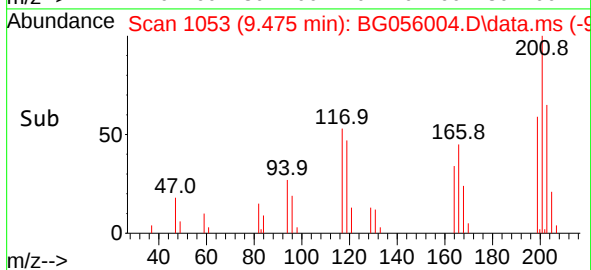
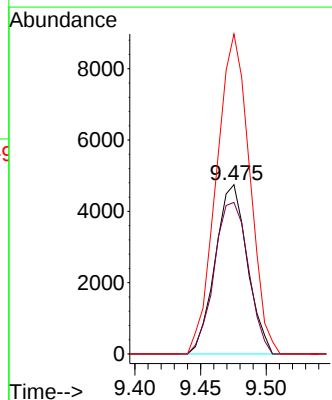
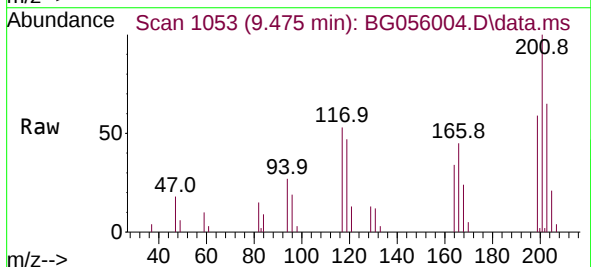
APPROVED

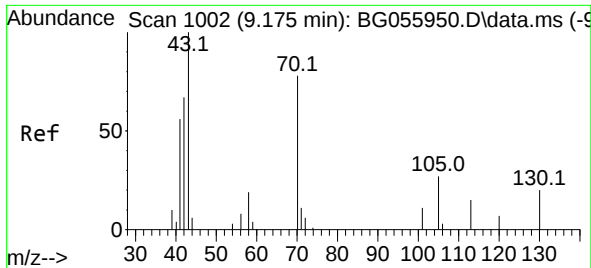
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#18
Hexachloroethane
Concen: 39.638 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

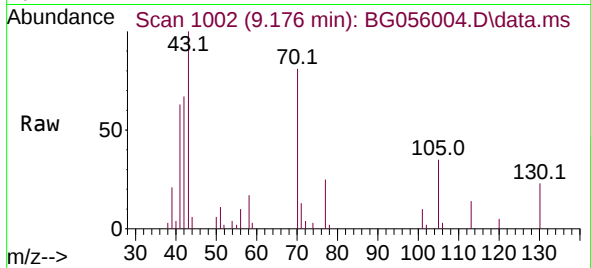
Tgt Ion:117 Resp: 8068
Ion Ratio Lower Upper
117 100
119 89.5 66.8 100.2
201 189.0 144.6 217.0





#19
n-Nitroso-di-n-propylamine
Concen: 35.871 ng
RT: 9.176 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

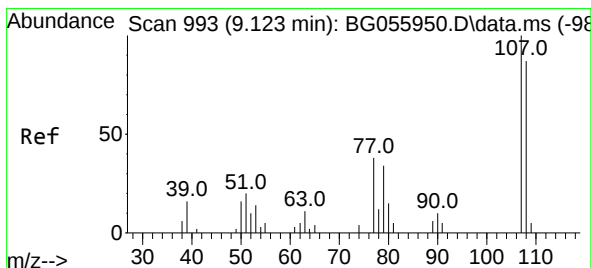
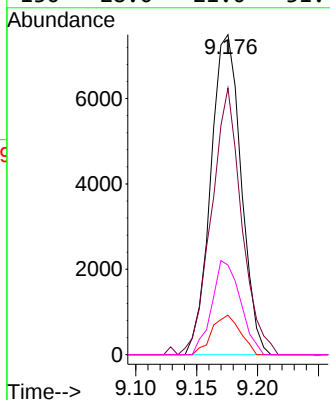
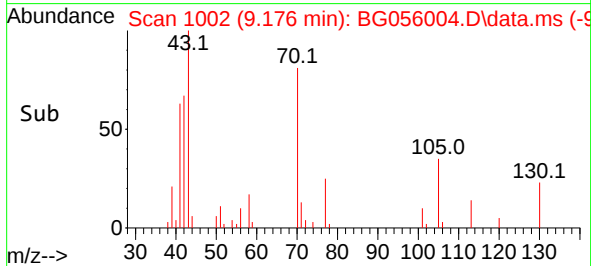
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



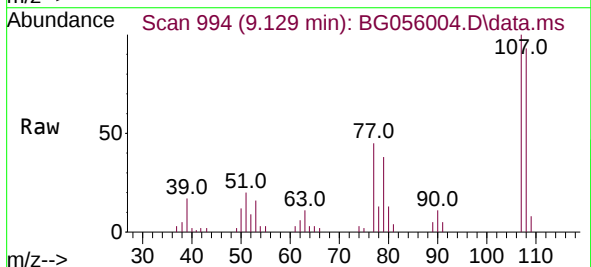
Tgt Ion: 70 Resp: 1300
Ion Ratio Lower Upper
70 100
42 83.3 69.0 103.4
101 12.4 11.8 17.8
130 28.0 21.0 31.4

Manual Integrations
APPROVED

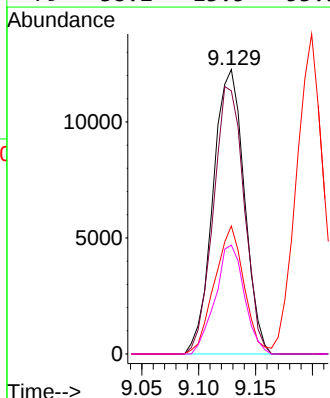
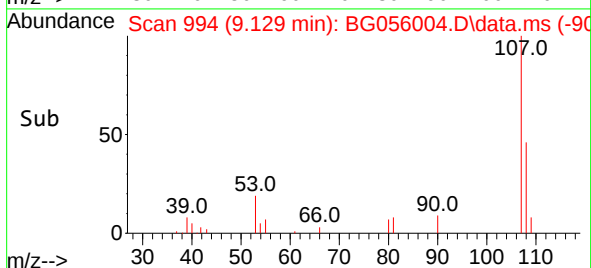
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

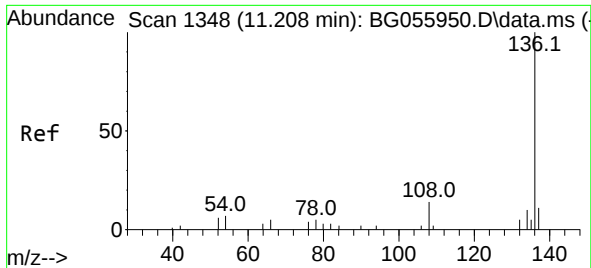


#20
3+4-Methylphenols
Concen: 37.724 ng
RT: 9.129 min Scan# 994
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



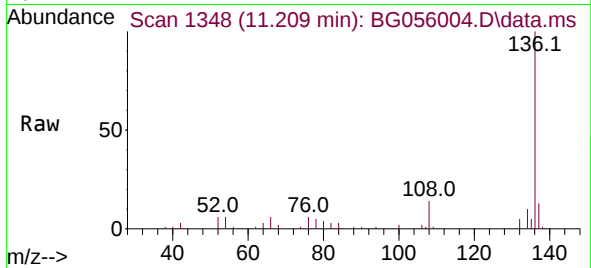
Tgt Ion:107 Resp: 23440
Ion Ratio Lower Upper
107 100
108 92.5 67.0 107.0
77 45.0 18.3 58.3
79 38.2 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.209 min Scan# 11209
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

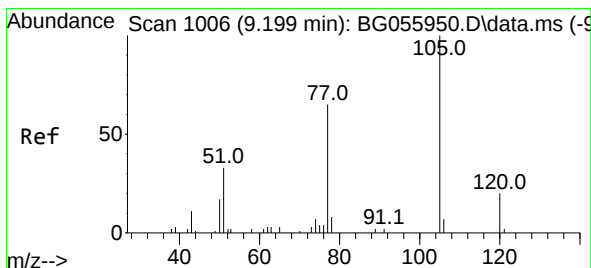
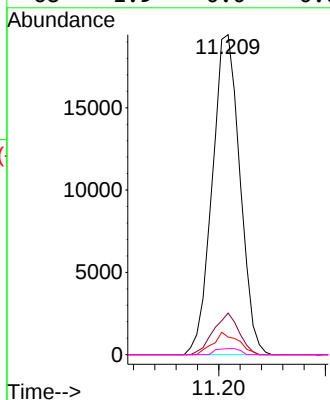
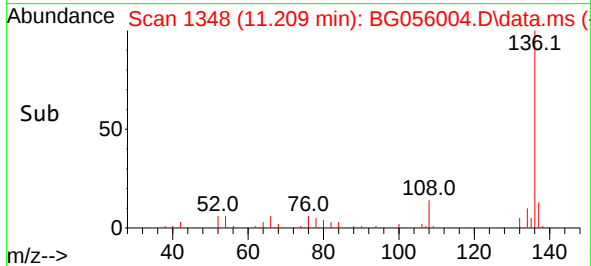
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



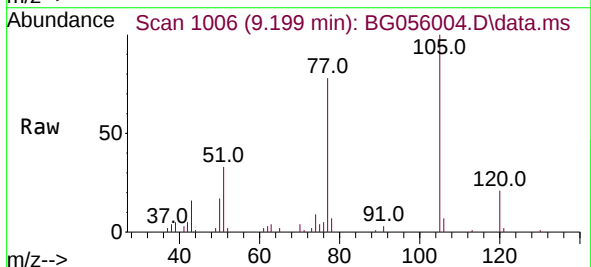
Tgt Ion:136 Resp: 34980
Ion Ratio Lower Upper
136 100
137 13.0 9.2 13.8
54 5.5 5.6 8.4
68 1.9 0.0 0.0#

Manual Integrations
APPROVED

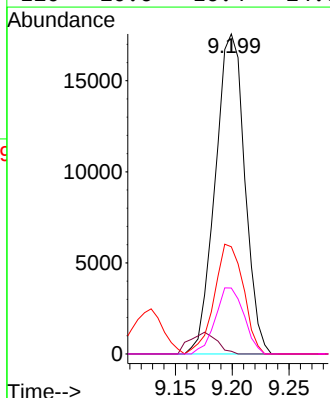
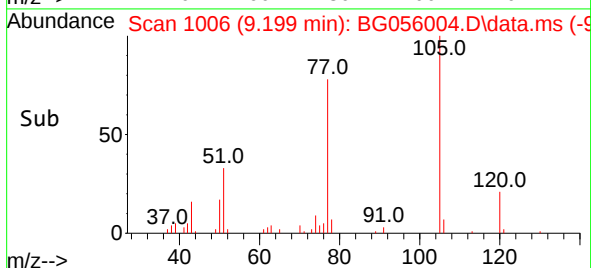
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

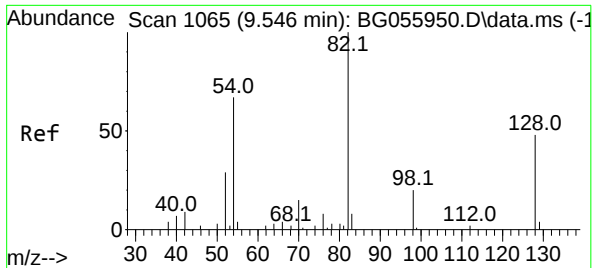


#22
Acetophenone
Concen: 36.582 ng
RT: 9.199 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:105 Resp: 31727
Ion Ratio Lower Upper
105 100
71 0.9 0.0 0.0#
51 33.5 26.7 40.1
120 20.6 16.4 24.6





#23
Nitrobenzene-d5
Concen: 59.200 ng
RT: 9.546 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

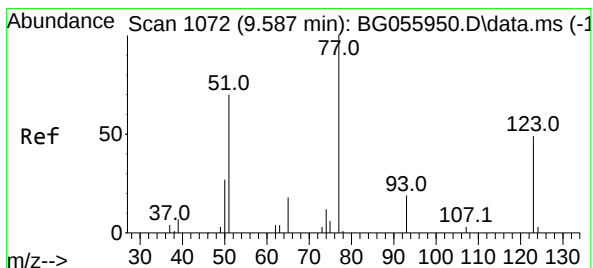
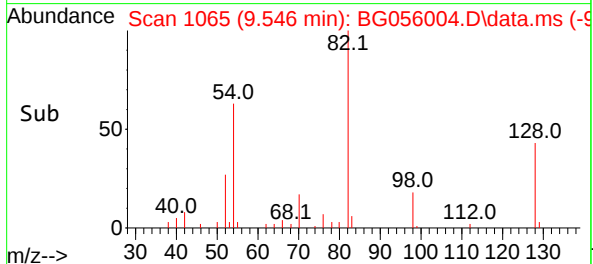
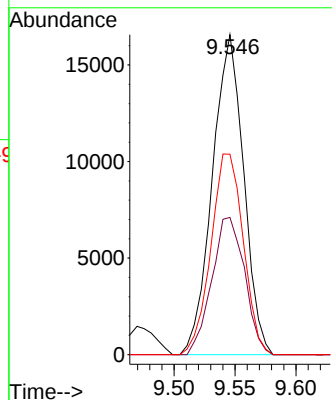
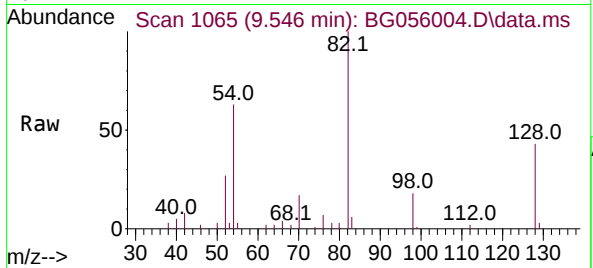
RB-42-(3-5)MSD

Tgt Ion: 82 Resp: 29638
Ion Ratio Lower Upper
82 100
128 42.9 38.4 57.6
54 62.6 53.3 79.9

Manual Integrations

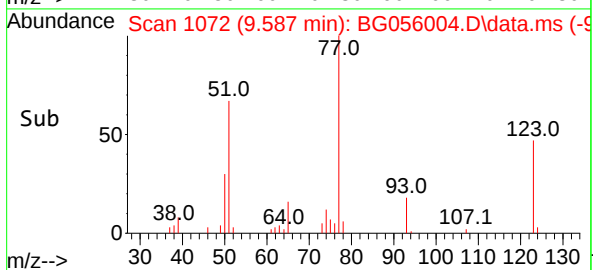
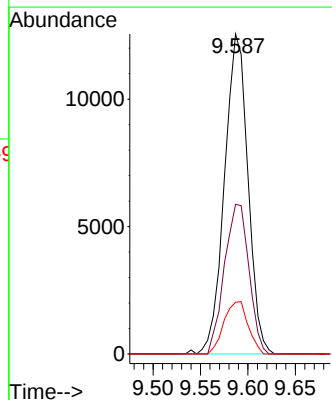
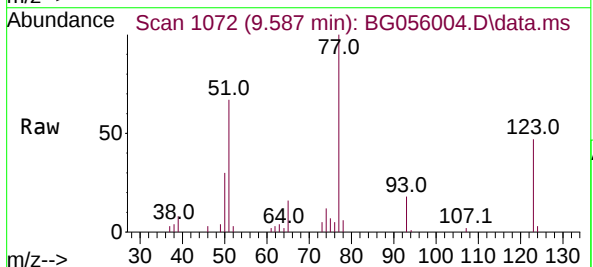
APPROVED

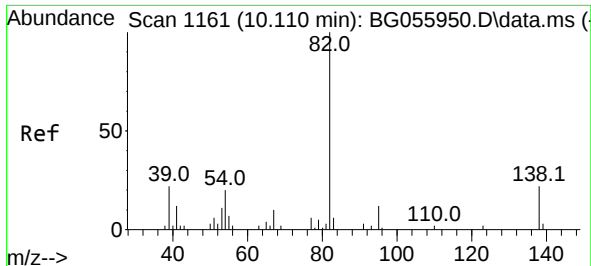
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Nitrobenzene
Concen: 42.852 ng
RT: 9.587 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion: 77 Resp: 21594
Ion Ratio Lower Upper
77 100
123 46.8 38.9 58.3
65 16.2 14.7 22.1





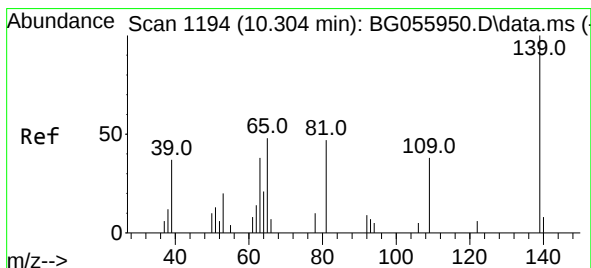
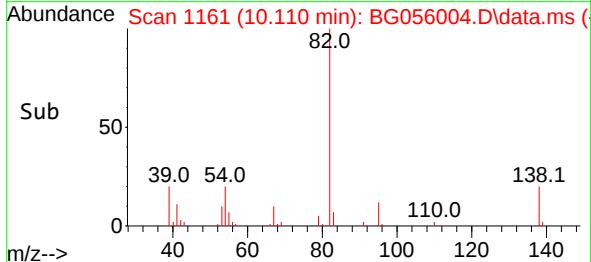
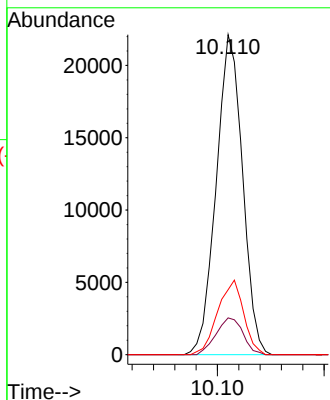
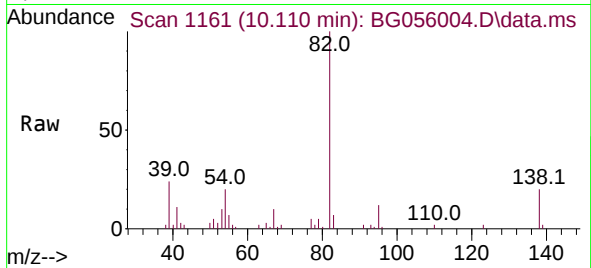
#25
Isophorone
Concen: 36.048 ng
RT: 10.110 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Tgt Ion: 82 Resp: 3784
Ion Ratio Lower Upper
82 100
95 11.5 9.4 14.0
138 20.3 17.7 26.5

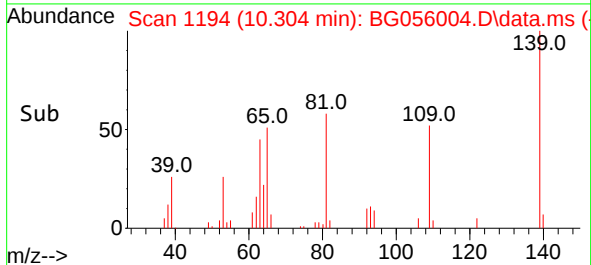
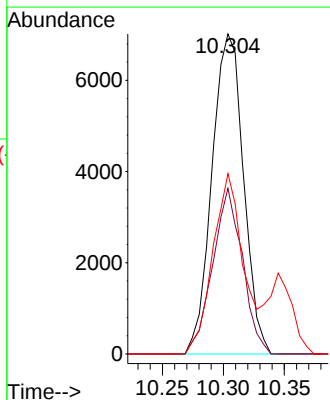
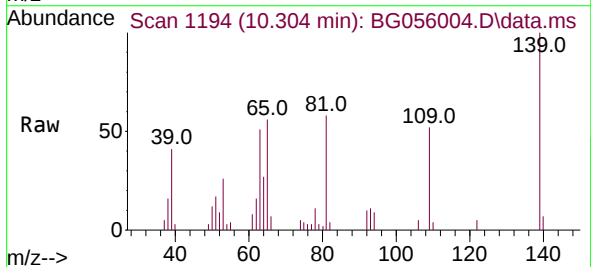
Manual Integrations
APPROVED

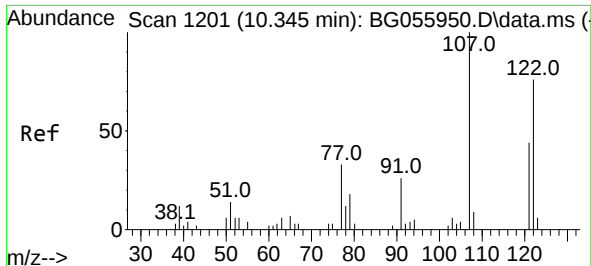
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
2-Nitrophenol
Concen: 42.227 ng
RT: 10.304 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion:139 Resp: 12597
Ion Ratio Lower Upper
139 100
109 51.7 30.7 46.1#
65 56.3 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 43.365 ng m

RT: 10.345 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

Tgt Ion:122 Resp: 21720

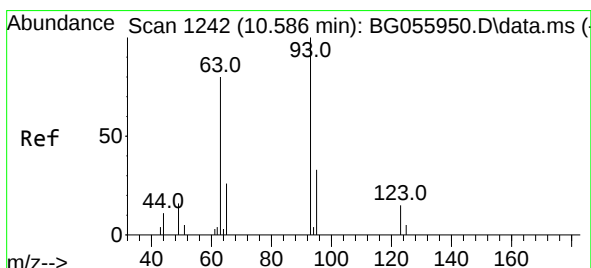
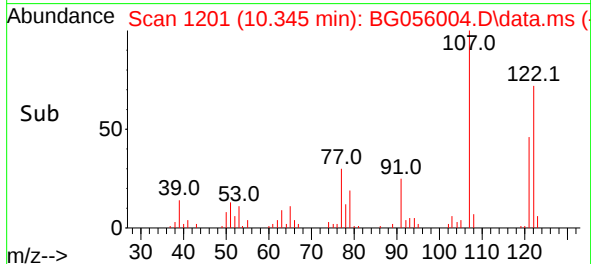
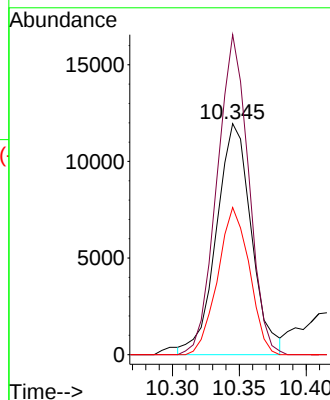
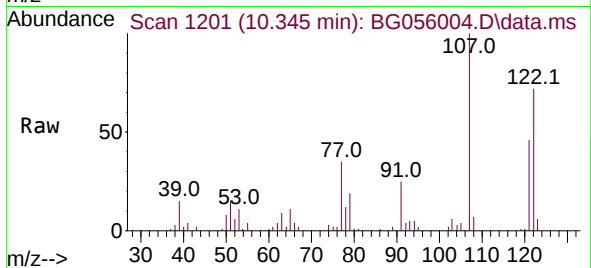
Ion	Ratio	Lower	Upper
122	100		
107	138.5	105.9	158.9
121	63.7	46.1	69.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.209 ng

RT: 10.586 min Scan# 1242

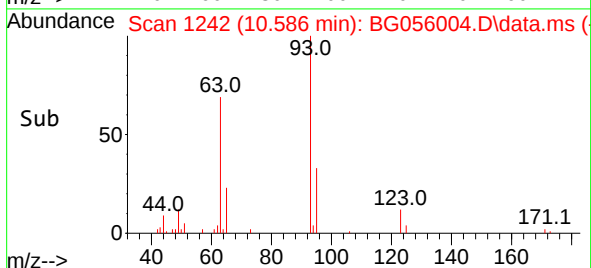
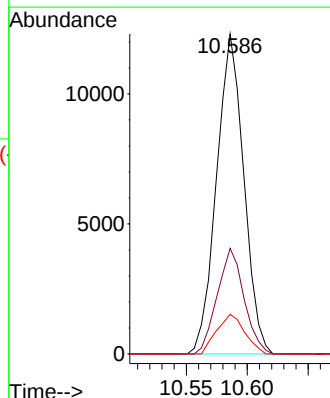
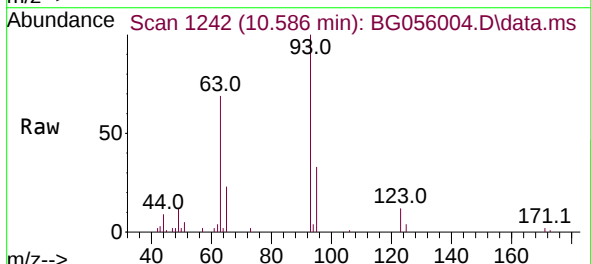
Delta R.T. -0.006 min

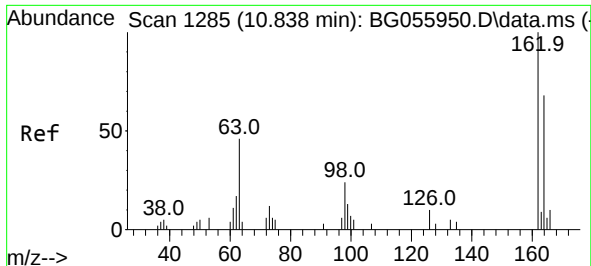
Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Tgt Ion: 93 Resp: 19120

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.4	12.2	18.2





#29

2,4-Dichlorophenol

Concen: 39.623 ng

RT: 10.838 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

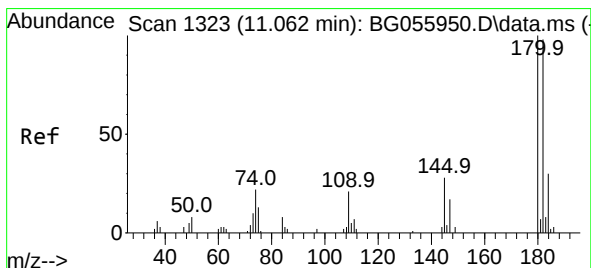
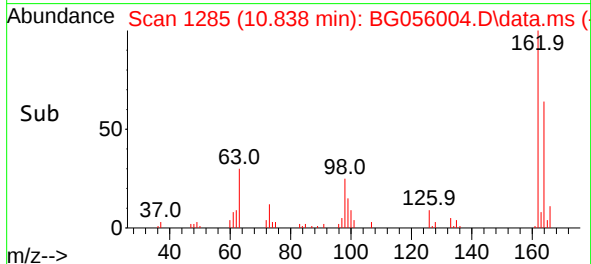
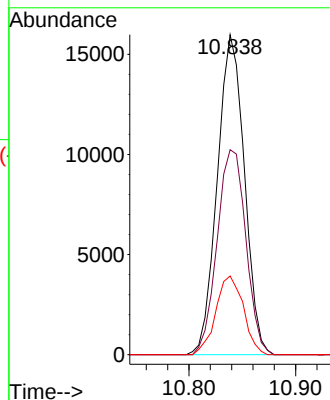
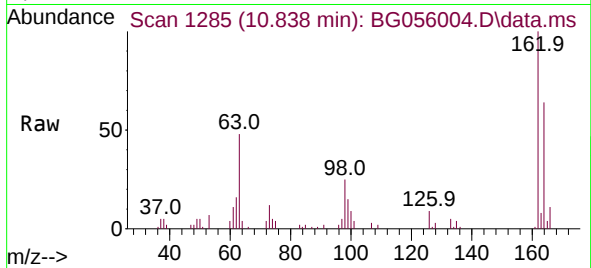
Tgt Ion:	162	Resp:	28170
Ion Ratio	Lower	Upper	
162	100		
164	64.1	47.5	87.5
98	24.6	4.3	44.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.864 ng

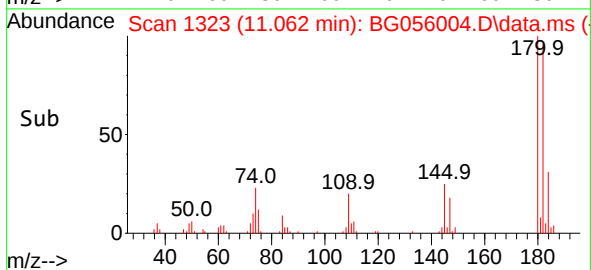
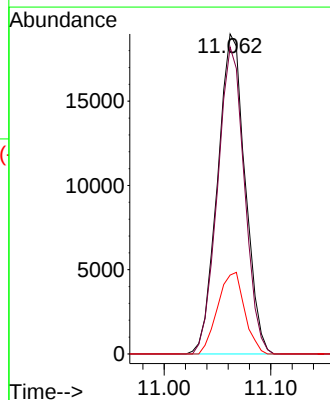
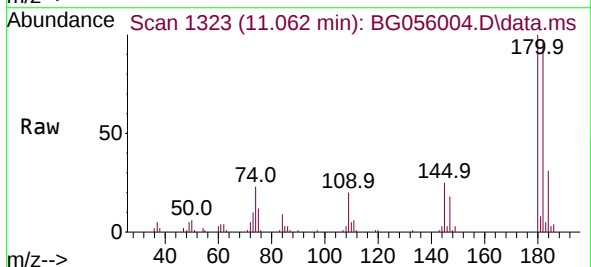
RT: 11.062 min Scan# 1323

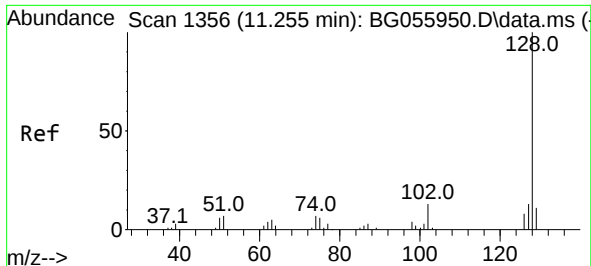
Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

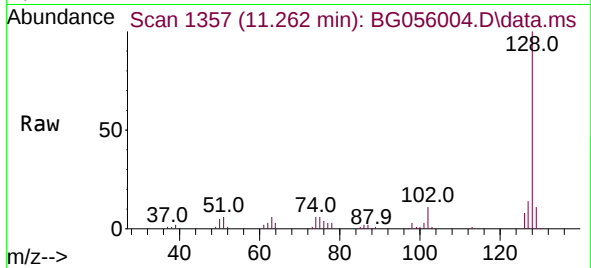
Tgt Ion:	180	Resp:	34076
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.1	117.1
145	24.6	22.4	33.6





#31
Naphthalene
Concen: 35.765 ng
RT: 11.262 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

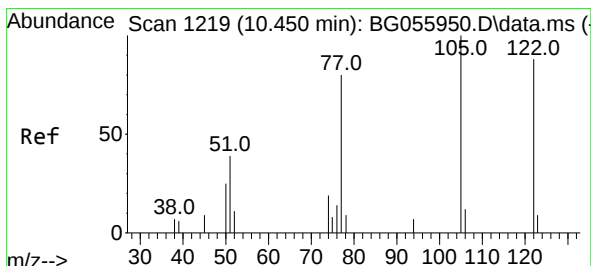
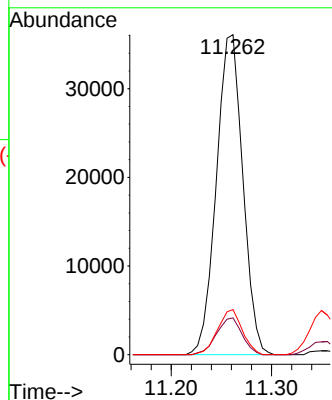
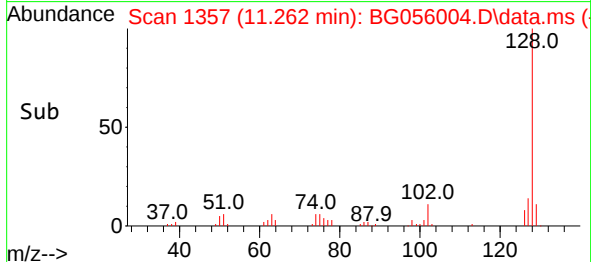
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



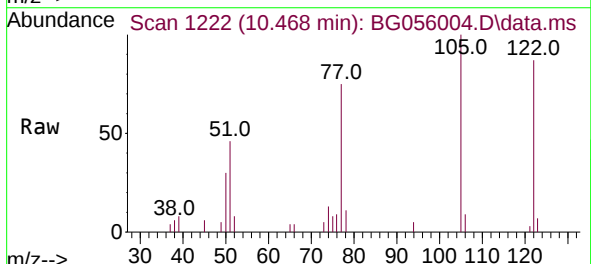
Tgt Ion:128 Resp: 6602
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.1 10.3 15.5

Manual Integrations
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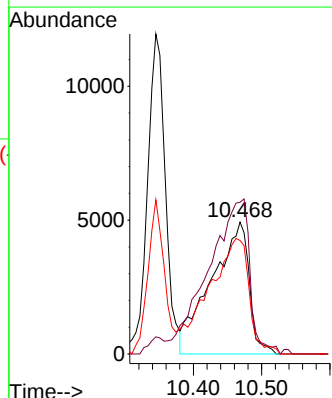
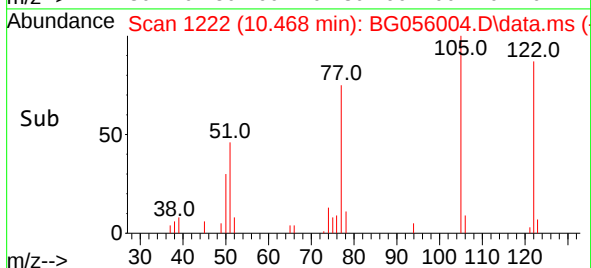
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

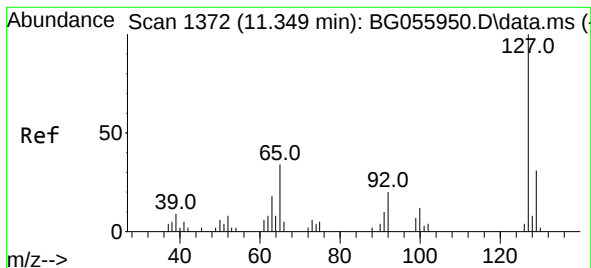


#32
Benzoic acid
Concen: 44.494 ng
RT: 10.468 min Scan# 1222
Delta R.T. 0.012 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:122 Resp: 18913
Ion Ratio Lower Upper
122 100
105 115.1 90.6 130.6
77 86.1 61.0 101.0





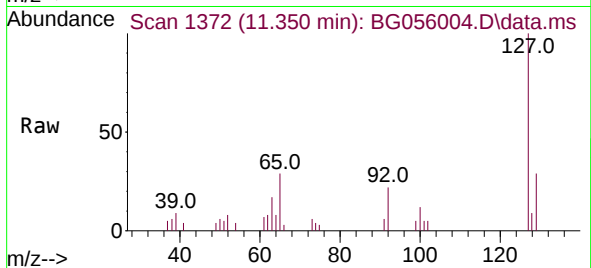
#33
4-Chloroaniline
Concen: 11.350 ng
RT: 11.350 min Scan# 11372
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD



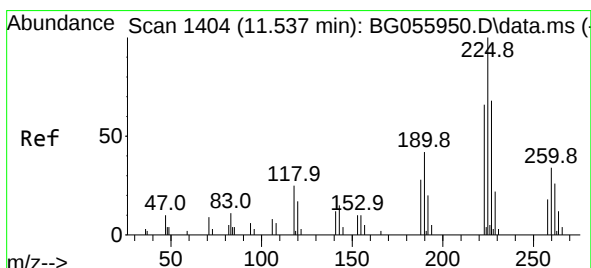
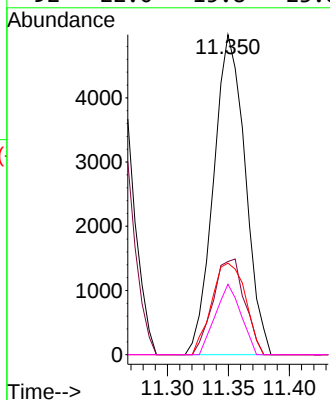
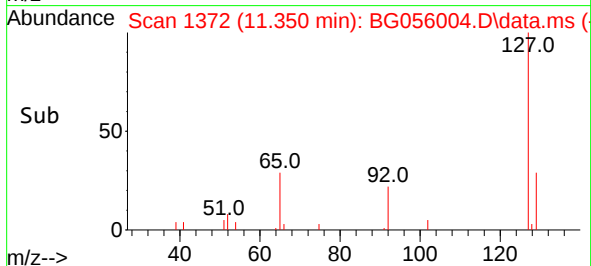
Tgt Ion:	127	Resp:	898
Ion Ratio	Lower	Upper	
127	100		
129	29.1	24.5	36.7
65	28.6	27.1	40.7
92	22.0	15.8	23.8

Manual Integrations

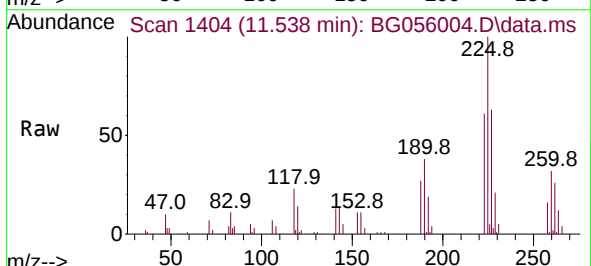
APPROVED

Reviewed By :Yogesh Patel 12/19/2022

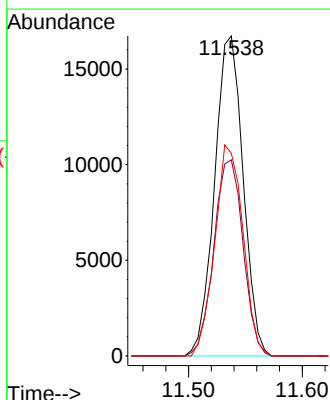
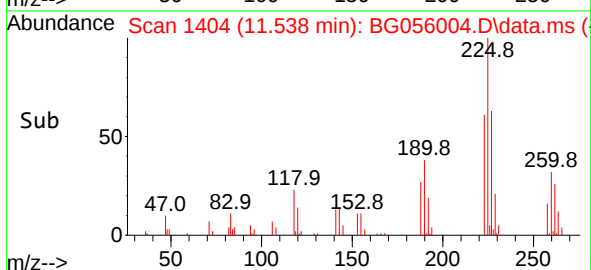
Supervised By :mohammad ahmed 12/19/2022

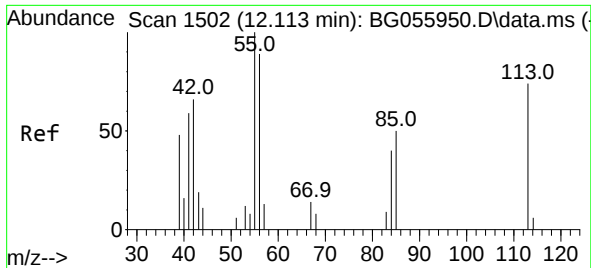


#34
Hexachlorobutadiene
Concen: 33.582 ng
RT: 11.538 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



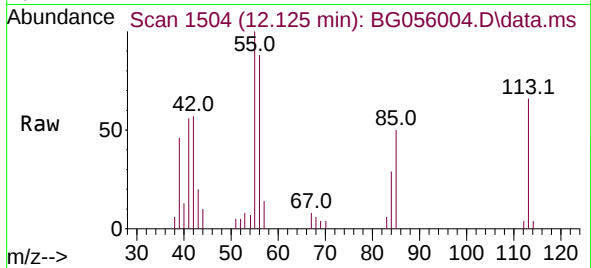
Tgt Ion:	225	Resp:	29184
Ion Ratio	Lower	Upper	
225	100		
223	61.3	53.2	79.8
227	63.4	54.7	82.1





#35
Caprolactam
Concen: 37.133 ng m
RT: 12.125 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

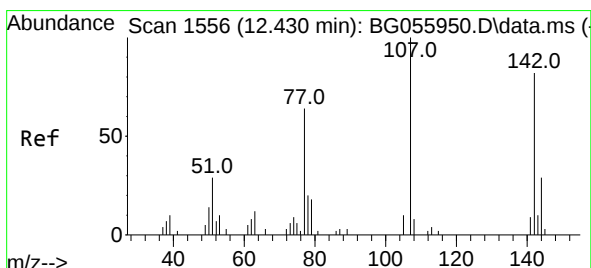
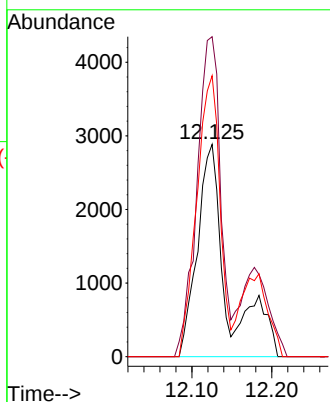
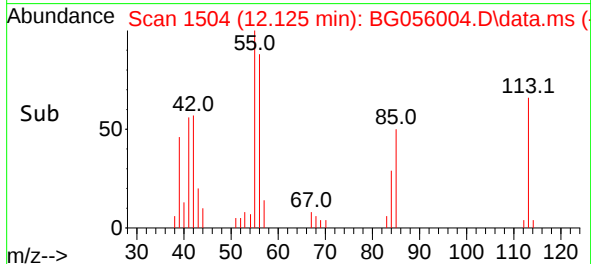
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



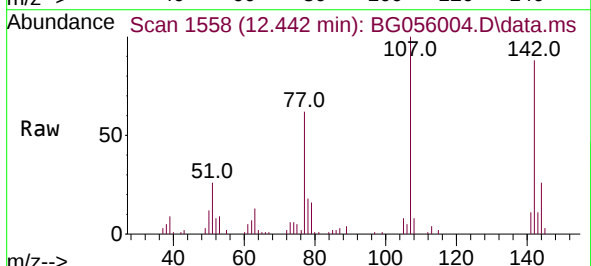
Tgt Ion:113 Resp: 735
Ion Ratio Lower Upper
113 100
55 150.7 114.8 154.8
56 132.3 99.8 139.8

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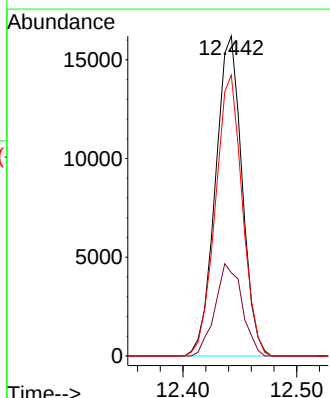
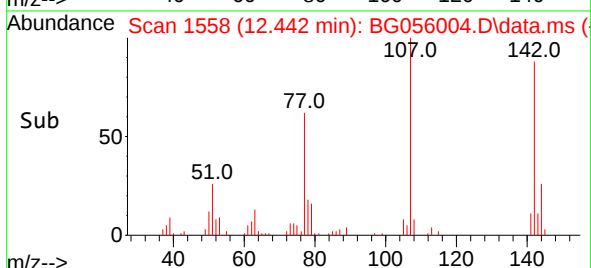
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

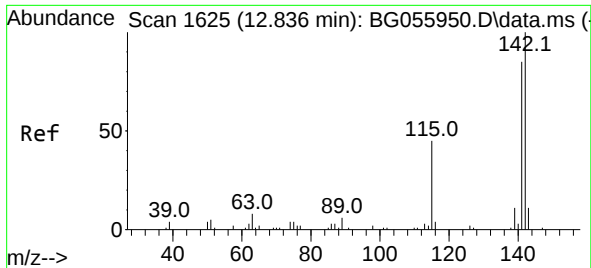


#36
4-Chloro-3-methylphenol
Concen: 39.479 ng
RT: 12.442 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:107 Resp: 26324
Ion Ratio Lower Upper
107 100
144 26.0 23.3 34.9
142 87.8 65.6 98.4





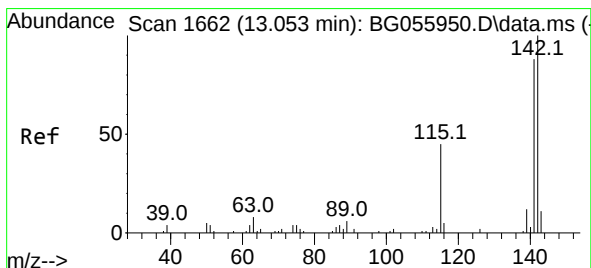
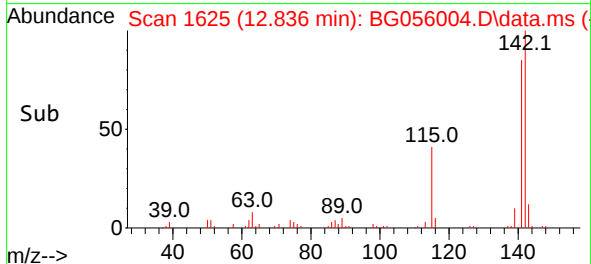
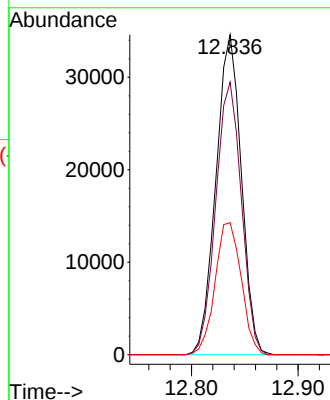
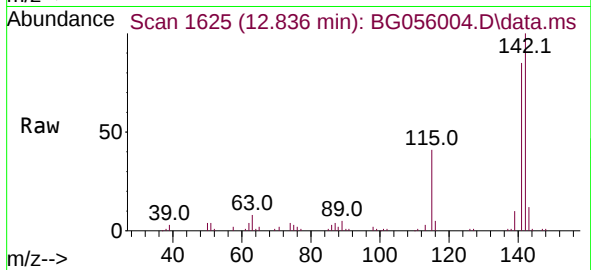
#37
2-Methylnaphthalene
Concen: 35.113 ng
RT: 12.836 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Tgt Ion:142 Resp: 57268
Ion Ratio Lower Upper
142 100
141 85.1 67.8 101.6
115 41.3 35.7 53.5

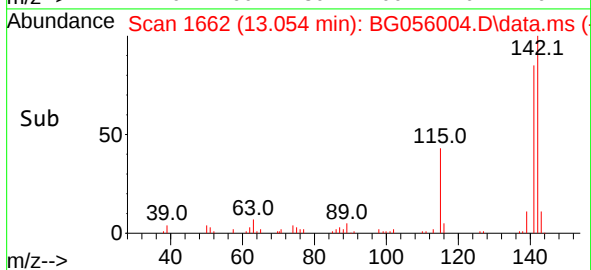
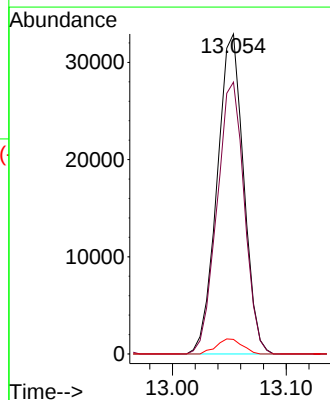
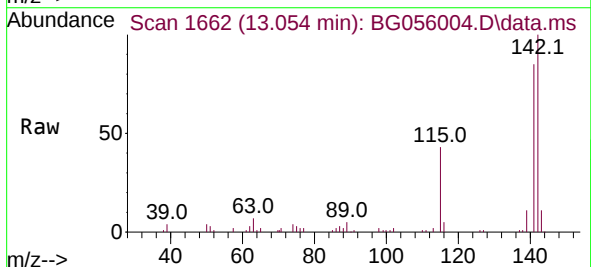
Manual Integrations
APPROVED

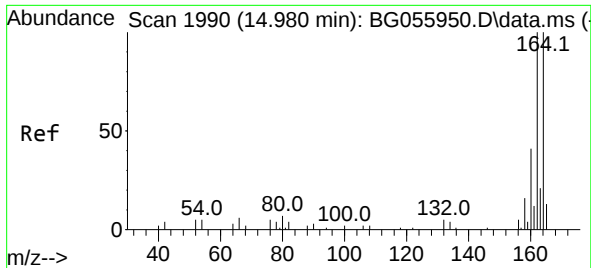
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#38
1-Methylnaphthalene
Concen: 33.599 ng
RT: 13.054 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

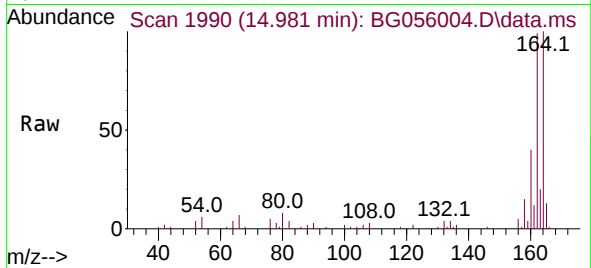
Tgt Ion:142 Resp: 53384
Ion Ratio Lower Upper
142 100
141 85.0 70.2 105.2
116 4.6 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

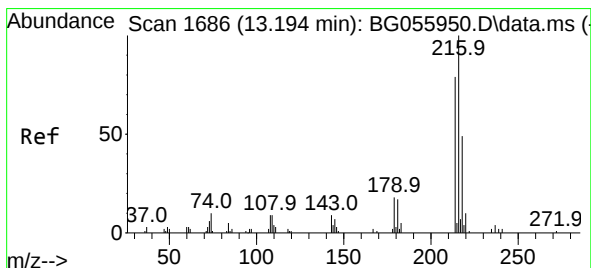
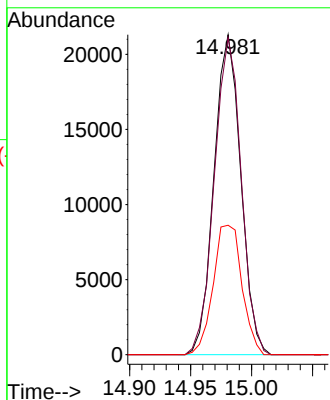
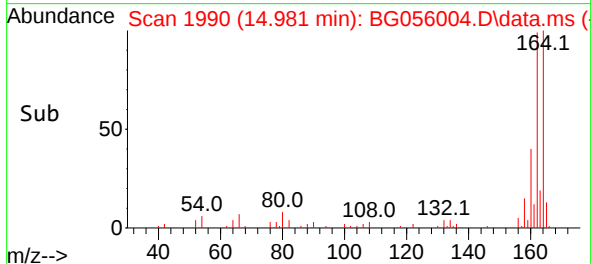
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



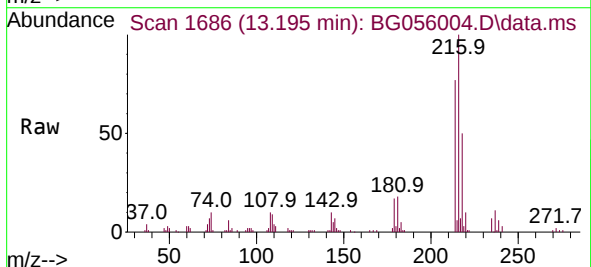
Tgt Ion:164 Resp: 3258
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 40.5 33.0 49.4

Manual Integrations
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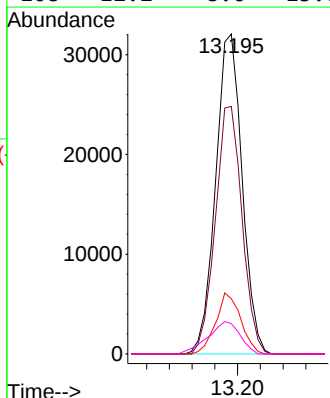
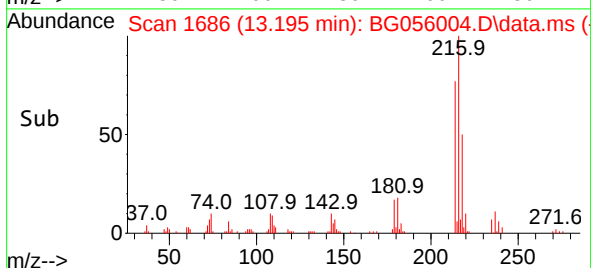
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

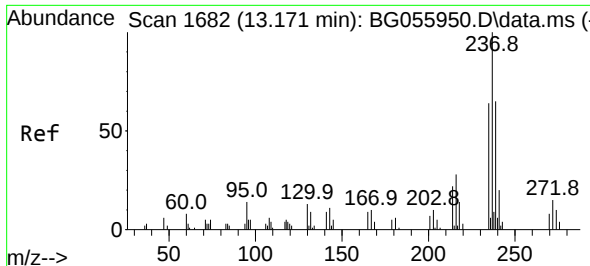


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.781 ng
RT: 13.195 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



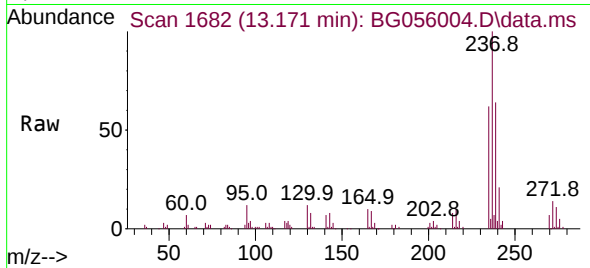
Tgt Ion:216 Resp: 51942
Ion Ratio Lower Upper
216 100
214 77.9 61.5 92.3
179 18.0 14.6 21.8
108 12.2 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 84.831 ng
RT: 13.171 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

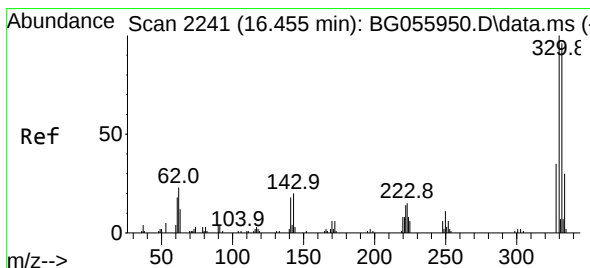
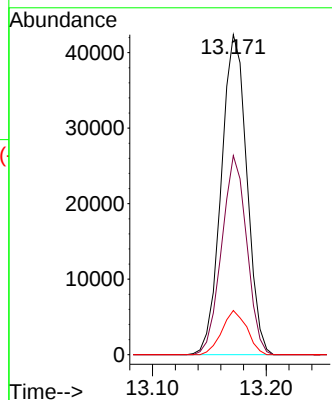
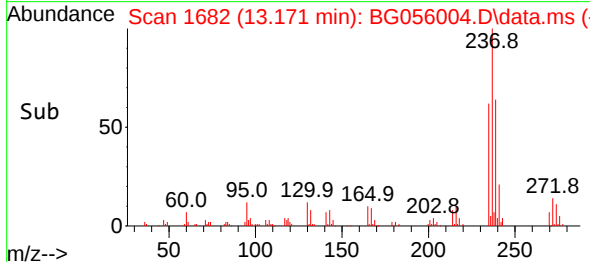
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



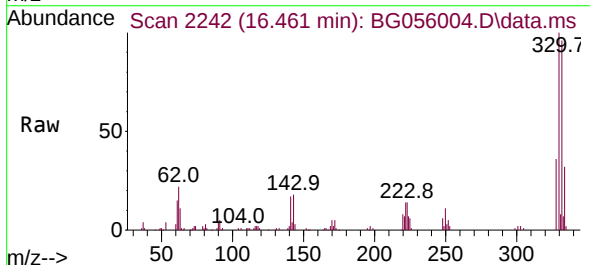
Tgt Ion:237 Resp: 66164
Ion Ratio Lower Upper
237 100
235 62.2 43.7 83.7
272 13.8 0.0 35.1

Manual Integrations
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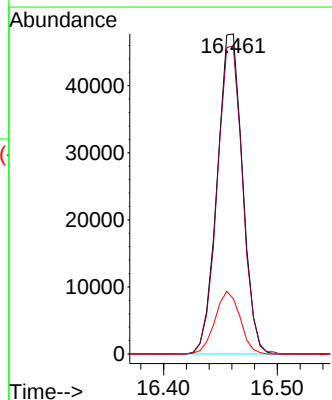
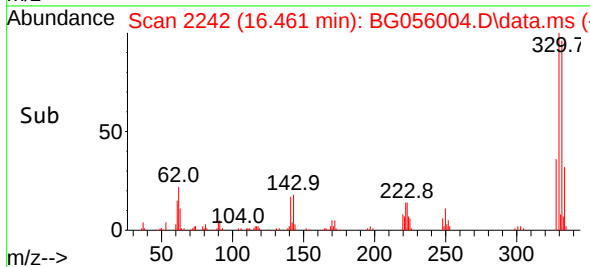
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

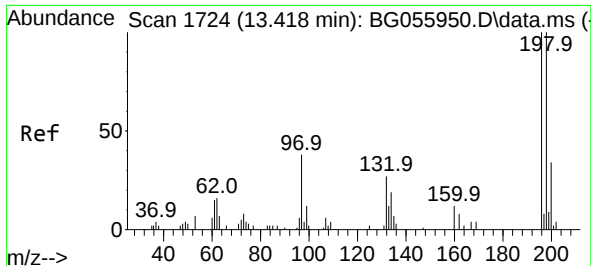


#42
2,4,6-Tribromophenol
Concen: 93.860 ng
RT: 16.461 min Scan# 2242
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:330 Resp: 73748
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 19.3 15.0 22.4





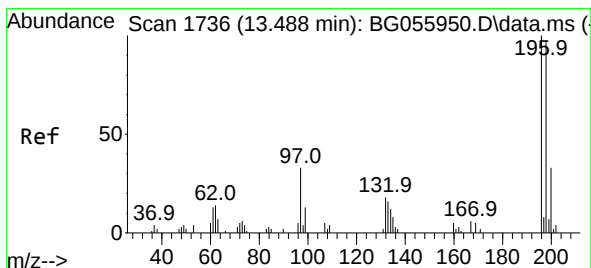
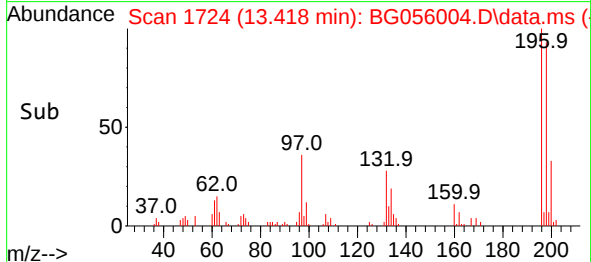
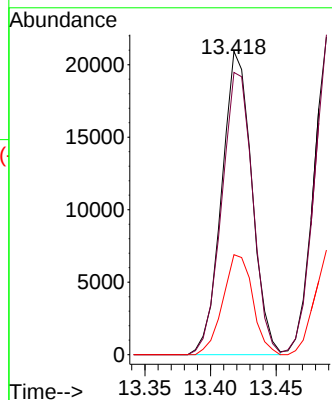
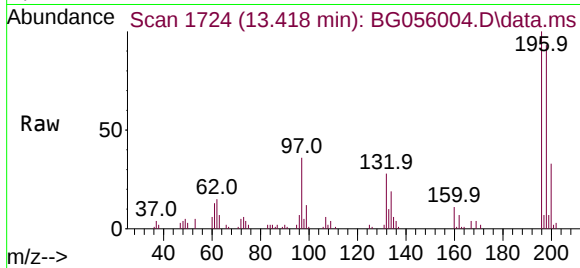
#43
2,4,6-Trichlorophenol
Concen: 41.188 ng
RT: 13.418 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Tgt Ion:196 Resp: 33520
Ion Ratio Lower Upper
196 100
198 93.0 80.2 120.4
200 32.9 27.6 41.4

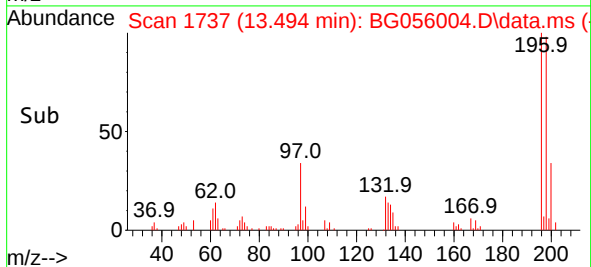
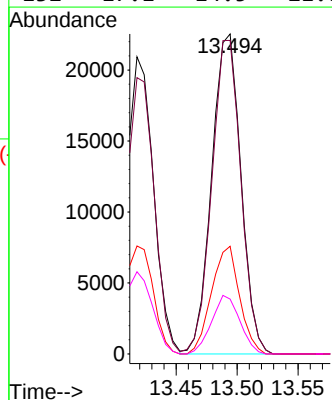
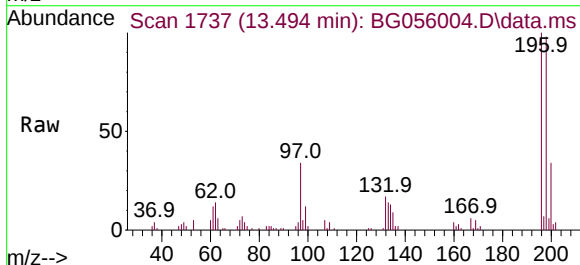
Manual Integrations
APPROVED

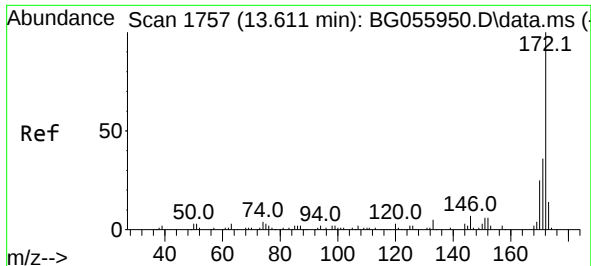
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#44
2,4,5-Trichlorophenol
Concen: 41.020 ng
RT: 13.494 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

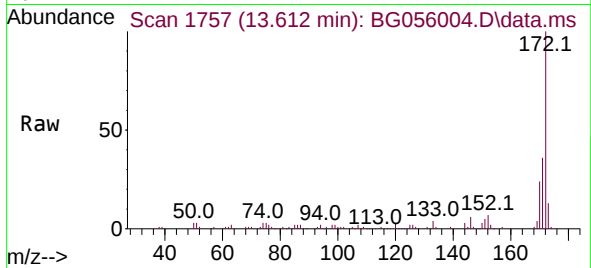
Tgt Ion:196 Resp: 37632
Ion Ratio Lower Upper
196 100
198 98.0 78.0 117.0
97 33.6 26.0 39.0
132 17.1 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 49.518 ng
RT: 13.612 min Scan# 1757
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

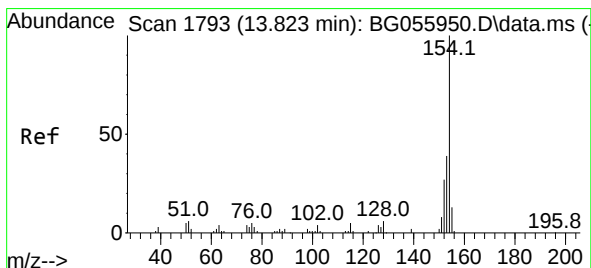
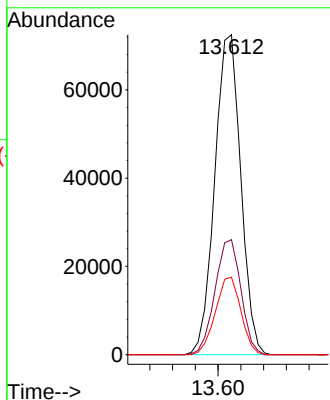
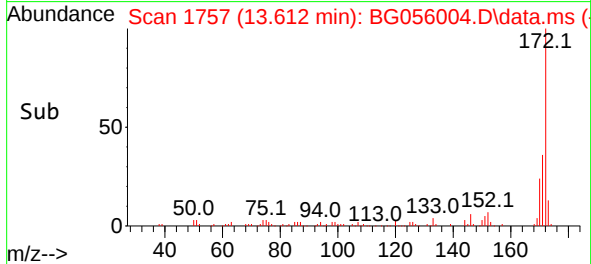
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



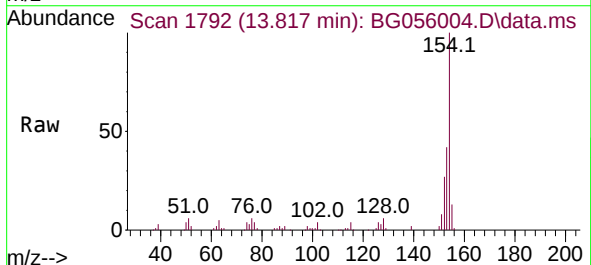
Tgt Ion:172 Resp: 115048
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.2 19.9 29.9

Manual Integrations
APPROVED

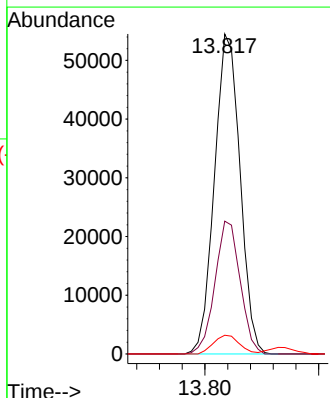
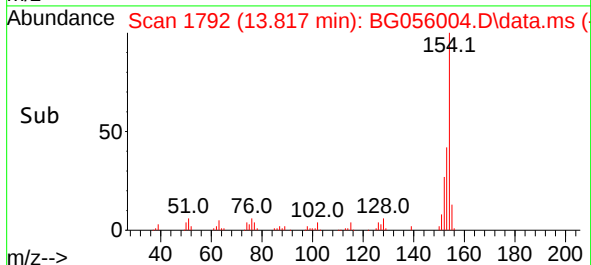
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

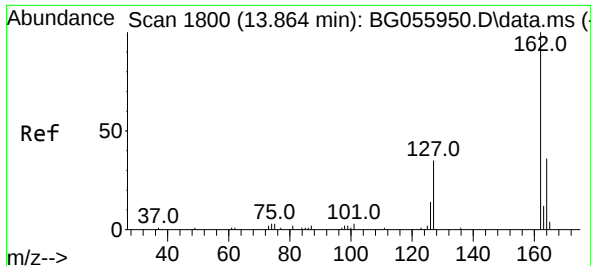


#46
1,1'-Biphenyl
Concen: 38.506 ng
RT: 13.817 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:154 Resp: 85047
Ion Ratio Lower Upper
154 100
153 41.5 19.5 59.5
76 5.9 0.0 25.5





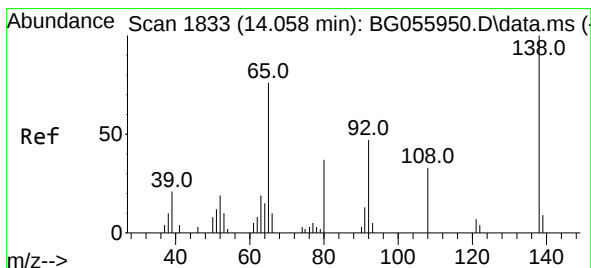
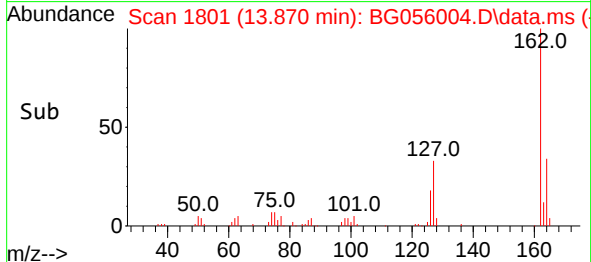
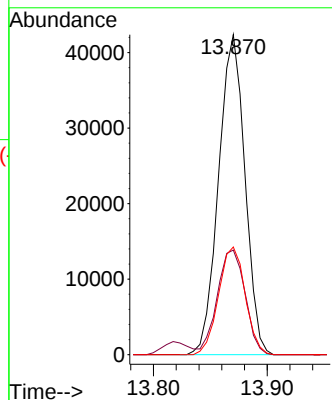
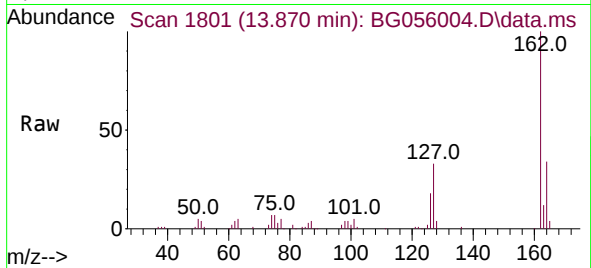
#47
2-Chloronaphthalene
Concen: 38.001 ng
RT: 13.870 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Tgt Ion:162 Resp: 6819
Ion Ratio Lower Upper
162 100
127 32.7 31.0 46.4
164 33.7 28.6 42.8

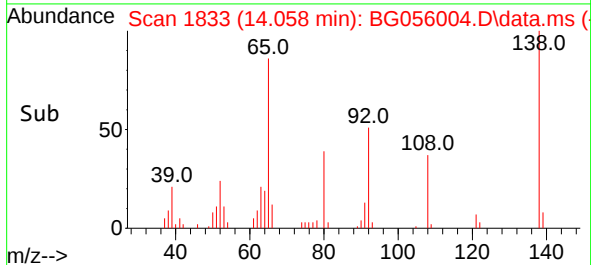
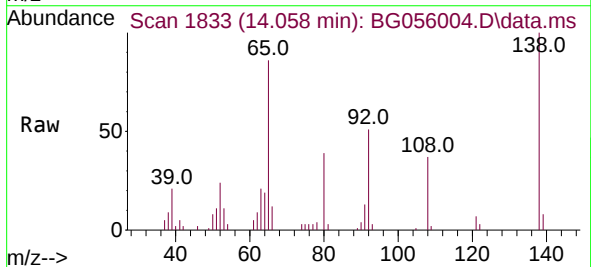
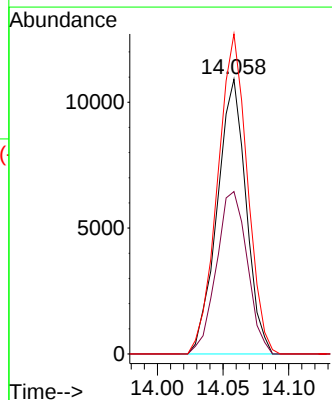
Manual Integrations
APPROVED

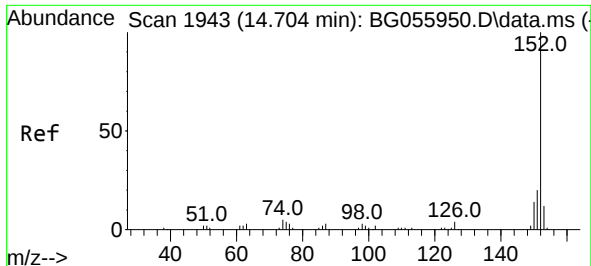
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#48
2-Nitroaniline
Concen: 47.222 ng
RT: 14.058 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

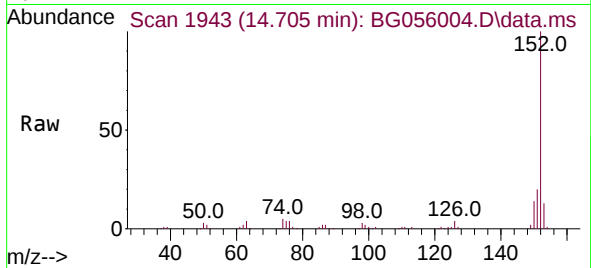
Tgt Ion: 65 Resp: 16689
Ion Ratio Lower Upper
65 100
92 59.1 49.7 74.5
138 116.5 105.0 157.6





#49
Acenaphthylene
Concen: 37.387 ng
RT: 14.705 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

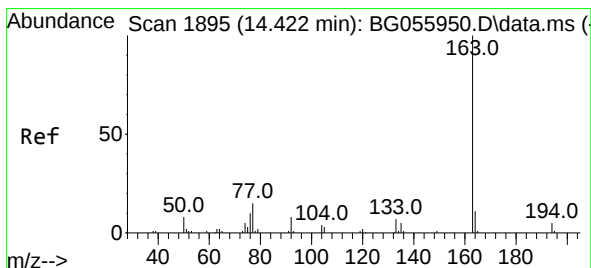
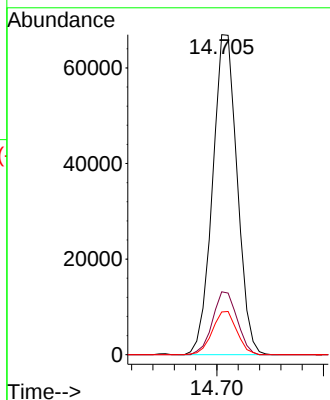
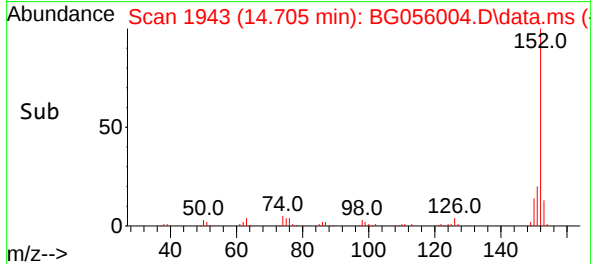
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



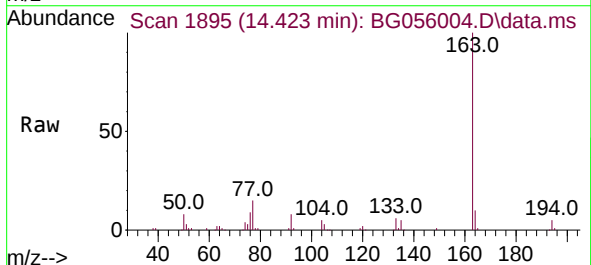
Tgt Ion:152 Resp: 107099
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.3 10.0 15.0

Manual Integrations
APPROVED

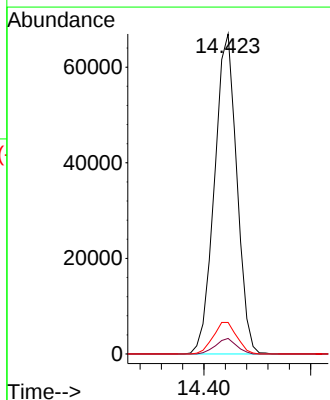
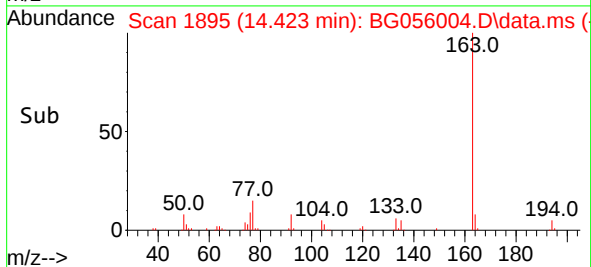
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

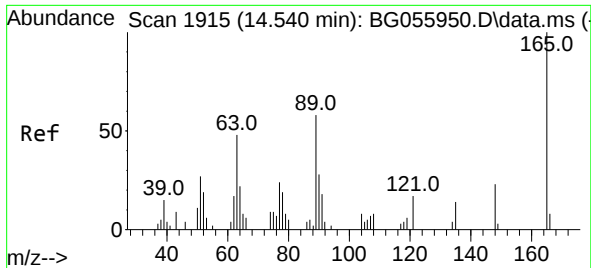


#50
Dimethylphthalate
Concen: 34.485 ng
RT: 14.423 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:163 Resp: 97149
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.6
164 9.9 8.6 13.0





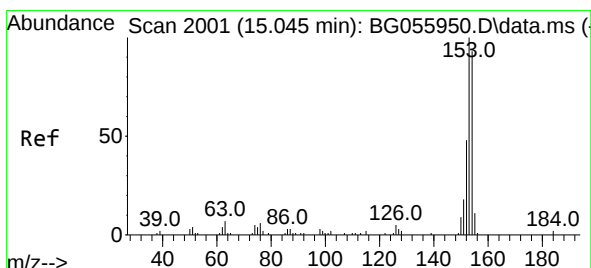
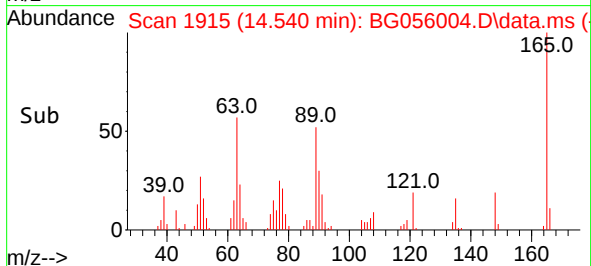
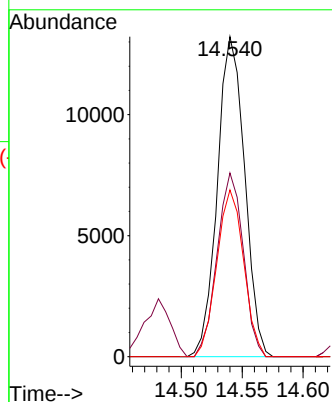
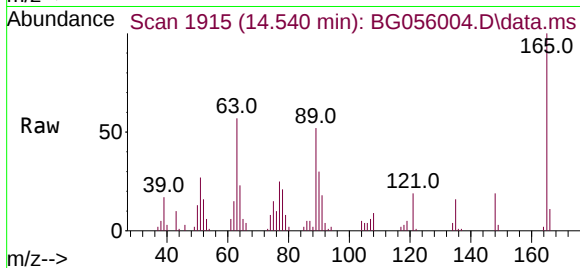
#51
2,6-Dinitrotoluene
Concen: 47.287 ng
RT: 14.540 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Tgt Ion:165 Resp: 2061
Ion Ratio Lower Upper
165 100
63 57.4 38.3 57.5
89 52.1 46.3 69.5

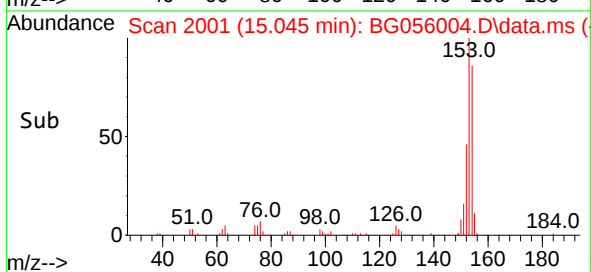
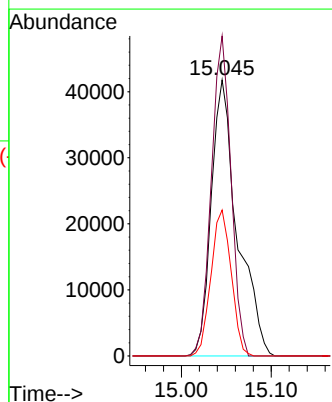
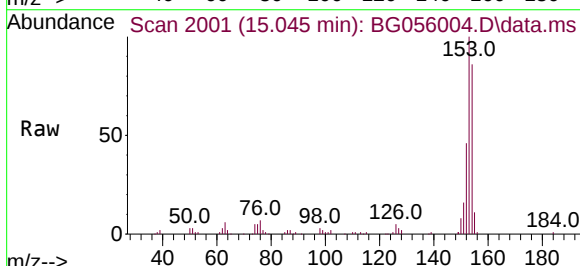
Manual Integrations
APPROVED

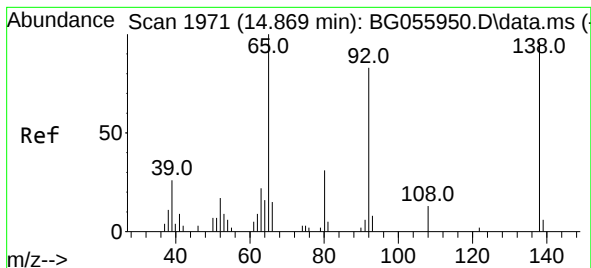
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#52
Acenaphthene
Concen: 43.872 ng
RT: 15.045 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

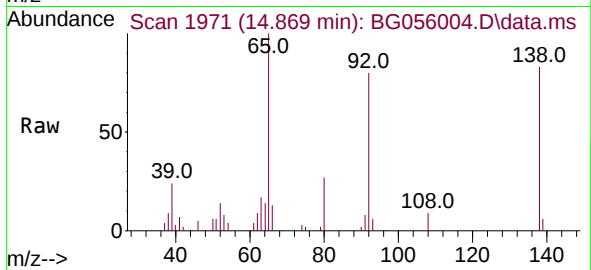
Tgt Ion:154 Resp: 84370
Ion Ratio Lower Upper
154 100
153 115.9 86.2 129.2
152 52.8 41.4 62.0





#53
3-Nitroaniline
Concen: 22.547 ng
RT: 14.869 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

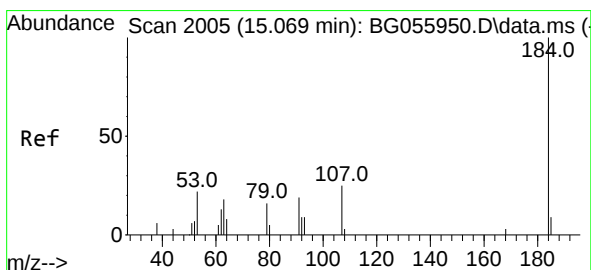
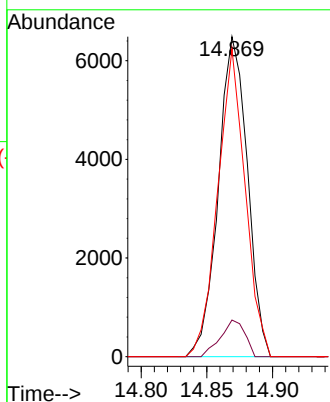
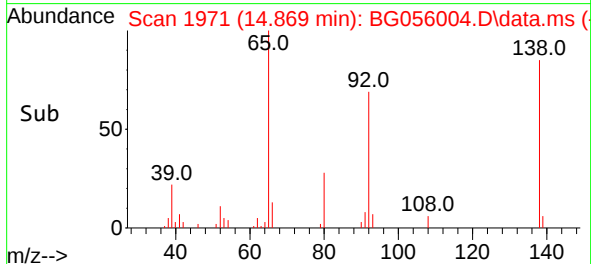
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



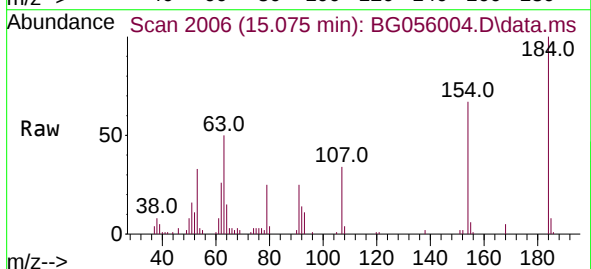
Tgt Ion:138 Resp: 9998
Ion Ratio Lower Upper
138 100
108 11.4 10.9 16.3
92 96.2 69.4 104.0

Manual Integrations
APPROVED

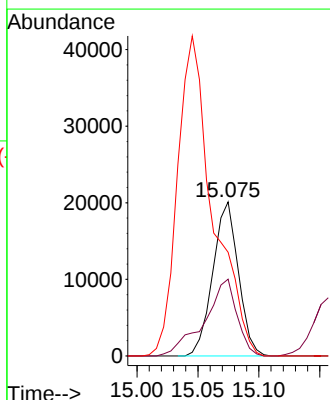
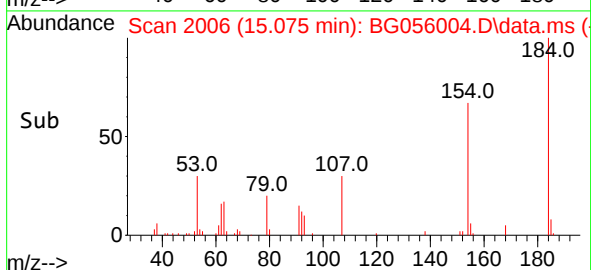
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

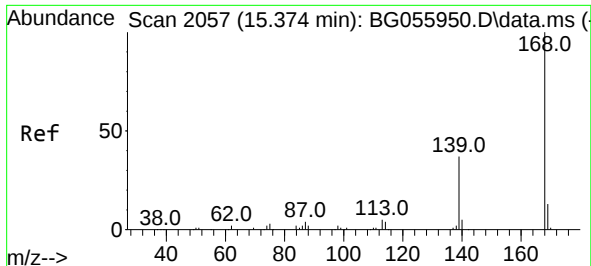


#54
2,4-Dinitrophenol
Concen: 90.381 ng
RT: 15.075 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



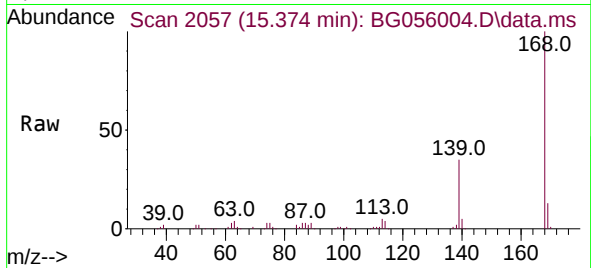
Tgt Ion:184 Resp: 29292
Ion Ratio Lower Upper
184 100
63 49.8 23.0 34.4#
154 67.3 67.0 100.4





#55
Dibenzofuran
Concen: 37.582 ng
RT: 15.374 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

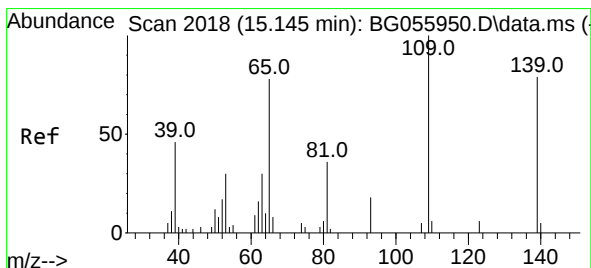
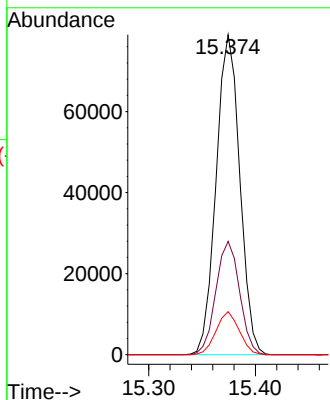
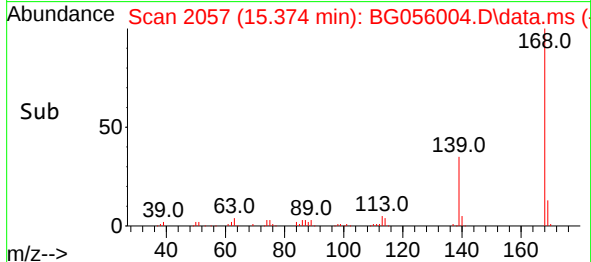
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



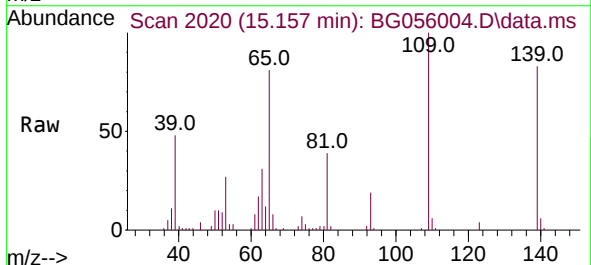
Tgt Ion:168 Resp: 12153
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.8
169 13.4 10.6 16.0

Manual Integrations
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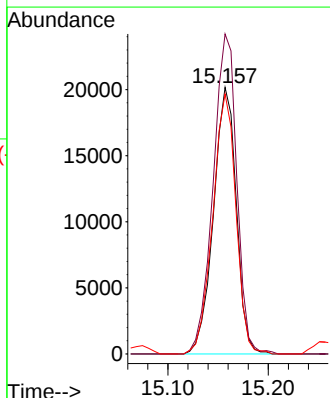
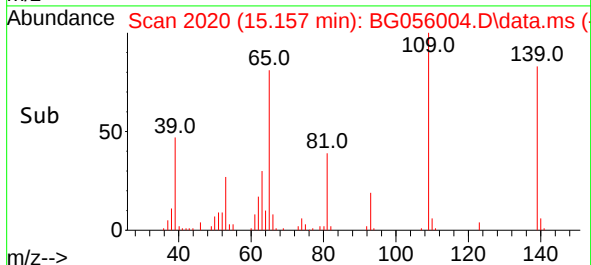
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

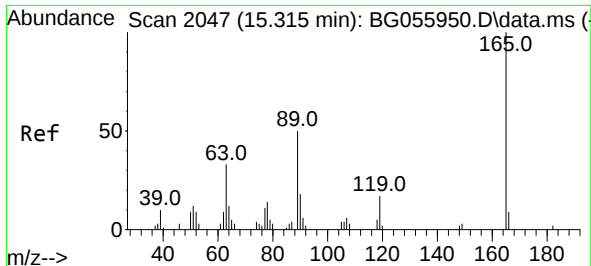


#56
4-Nitrophenol
Concen: 89.615 ng
RT: 15.157 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:139 Resp: 31844
Ion Ratio Lower Upper
139 100
109 120.1 106.7 146.7
65 97.6 79.2 119.2





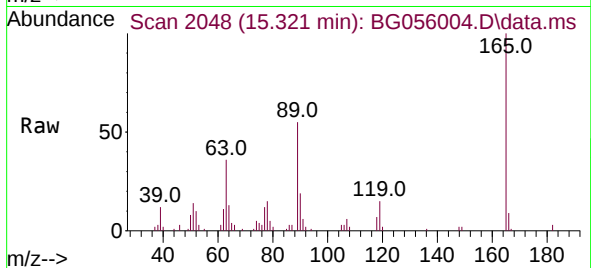
#57
2,4-Dinitrotoluene
Concen: 47.291 ng
RT: 15.321 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

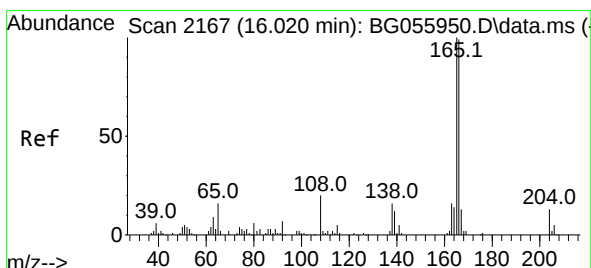
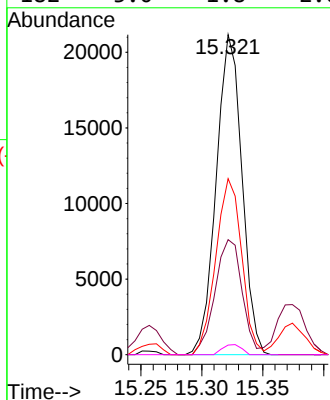
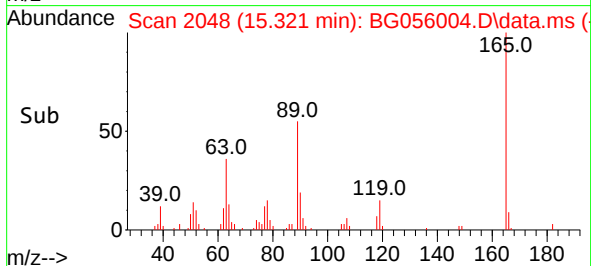


Tgt Ion:165 Resp: 31120
Ion Ratio Lower Upper
165 100
63 36.0 26.6 39.8
89 55.0 40.1 60.1
182 3.0 1.8 2.6#

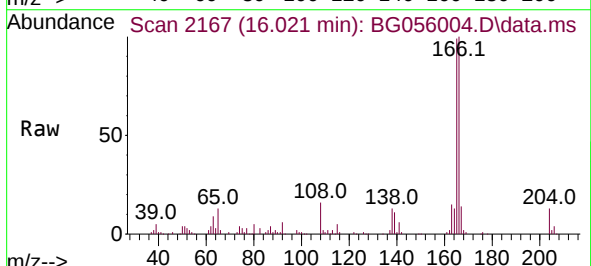
Manual Integrations

APPROVED

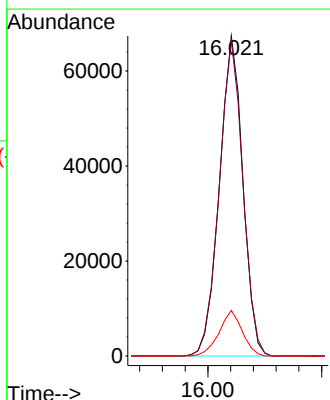
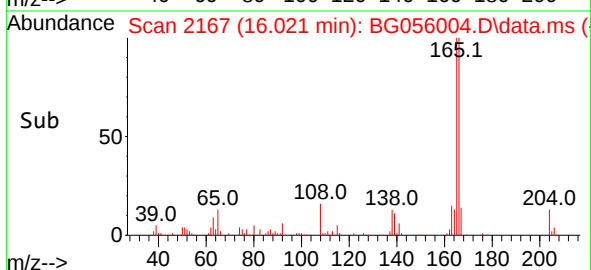
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

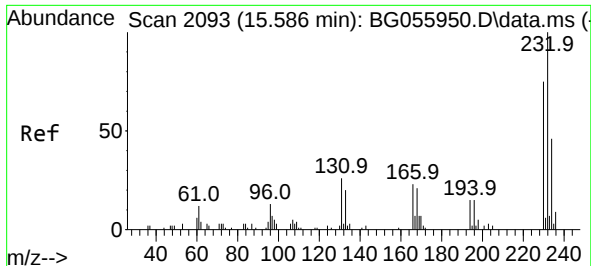


#58
Fluorene
Concen: 36.458 ng
RT: 16.021 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



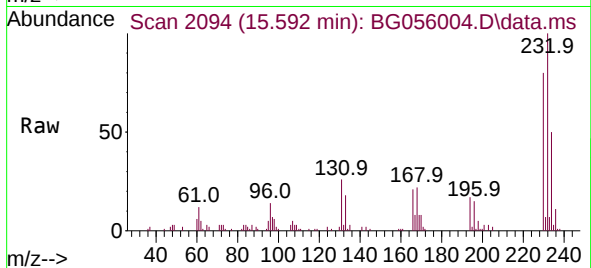
Tgt Ion:166 Resp: 96381
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 14.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.085 ng m
RT: 15.592 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

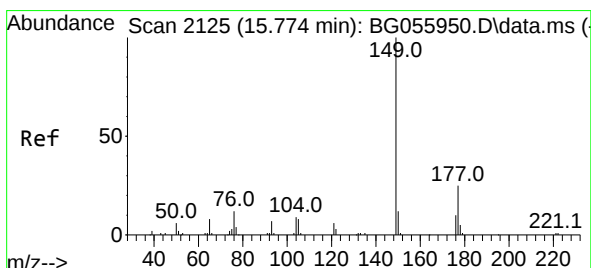
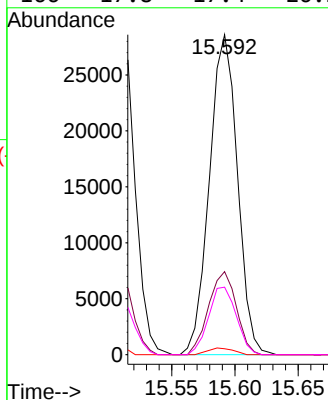
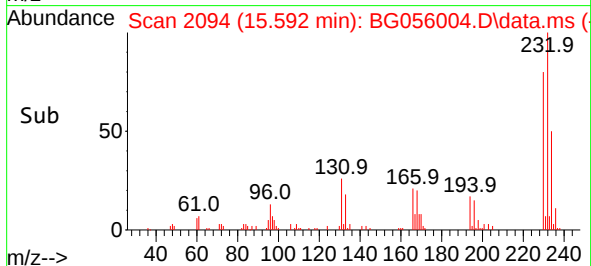
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



Tgt Ion:232 Resp: 4410
Ion Ratio Lower Upper
232 100
131 23.9 20.7 31.1
130 1.2 1.2 1.8
166 17.8 17.4 26.2

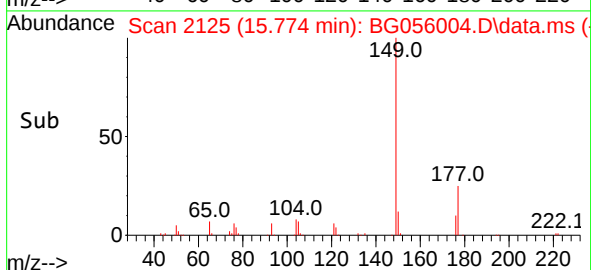
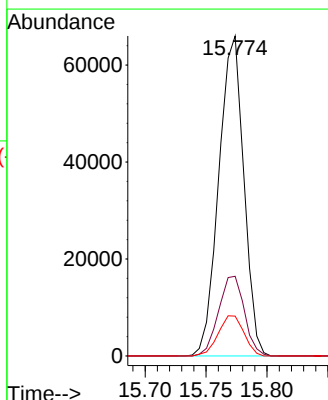
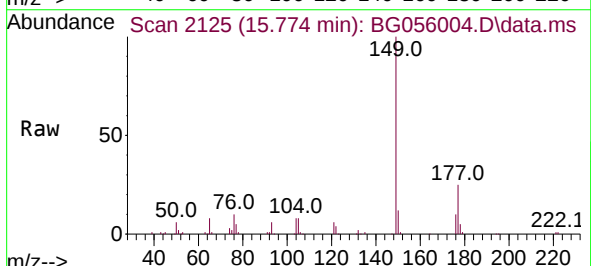
Manual Integrations
APPROVED

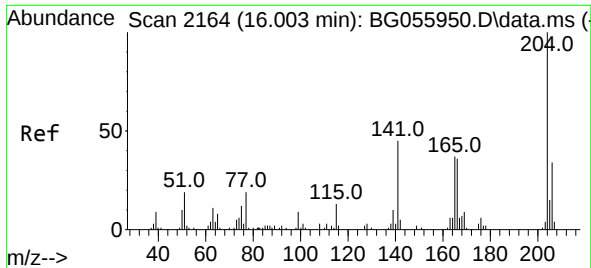
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#60
Diethylphthalate
Concen: 34.191 ng
RT: 15.774 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion:149 Resp: 94146
Ion Ratio Lower Upper
149 100
177 24.9 19.7 29.5
150 12.4 9.5 14.3





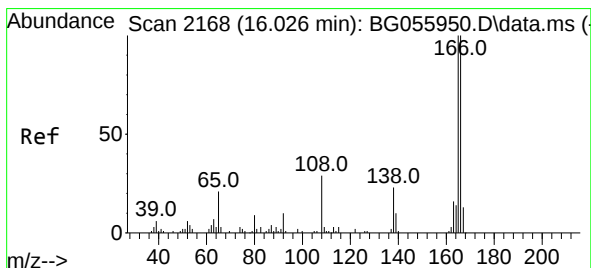
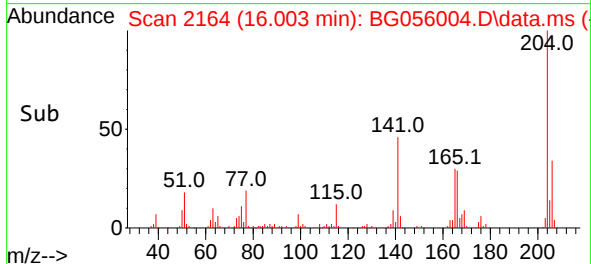
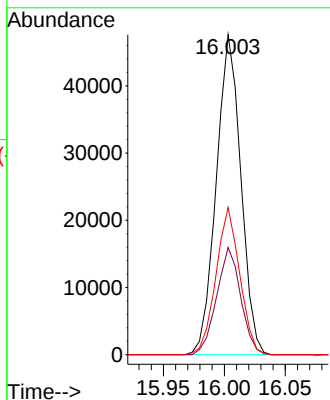
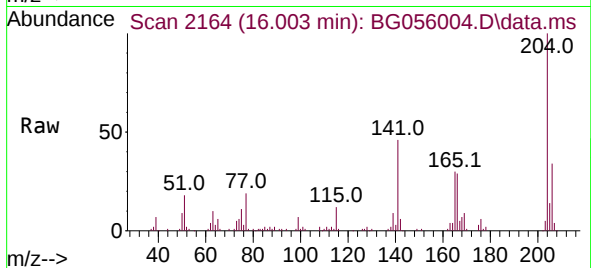
#61
4-Chlorophenyl-phenylether
Concen: 37.027 ng
RT: 16.003 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD

Tgt Ion:204 Resp: 6668
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 46.0 36.3 54.5

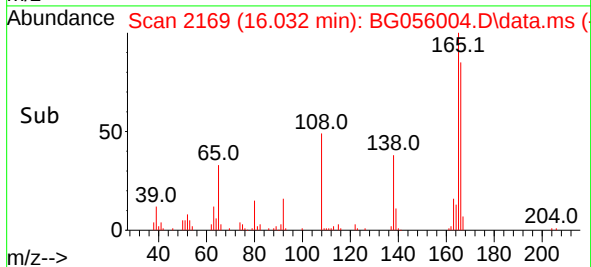
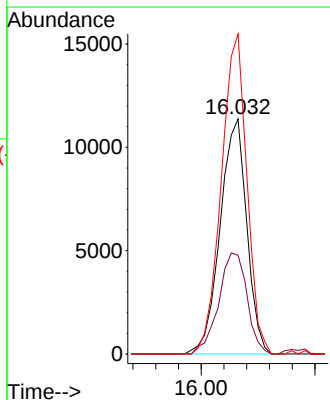
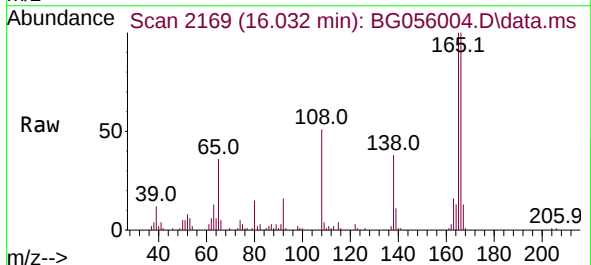
Manual Integrations
APPROVED

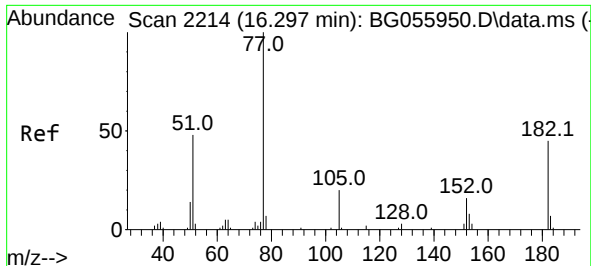
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#62
4-Nitroaniline
Concen: 38.233 ng
RT: 16.032 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion:138 Resp: 18463
Ion Ratio Lower Upper
138 100
92 42.0 24.4 64.4
108 136.1 110.1 150.1





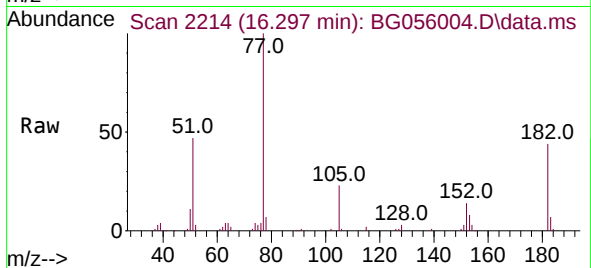
#63
 Azobenzene
 Concen: 40.366 ng
 RT: 16.297 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056004.D
 Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

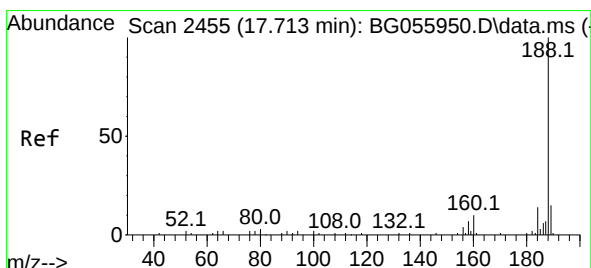
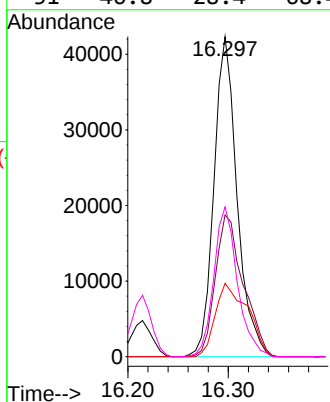
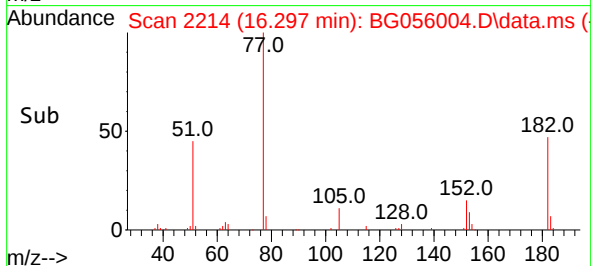


Tgt Ion: 77 Resp: 6765
 Ion Ratio Lower Upper
 77 100
 182 44.3 24.7 64.7
 105 22.9 0.3 40.3
 51 46.8 28.4 68.4

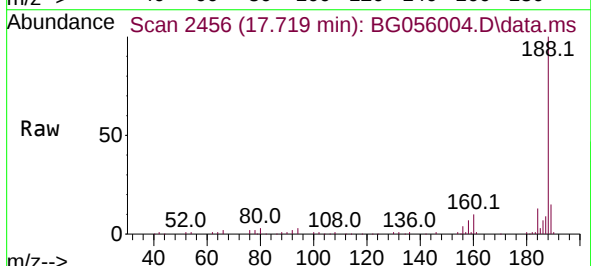
Manual Integrations

APPROVED

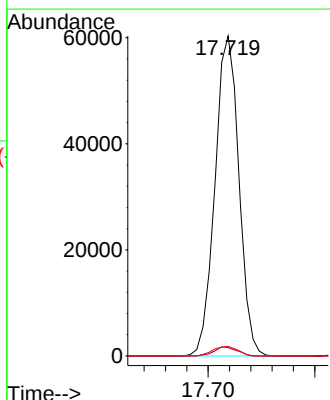
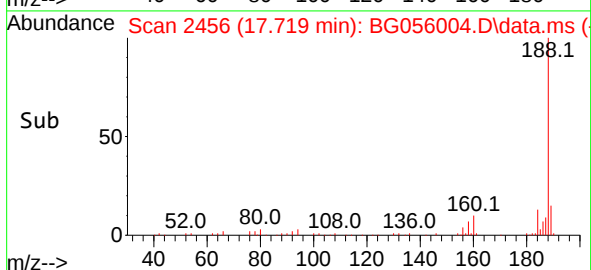
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

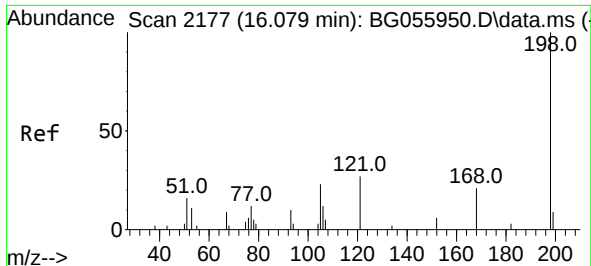


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.719 min Scan# 2456
 Delta R.T. 0.000 min
 Lab File: BG056004.D
 Acq: 16 Dec 2022 21:55



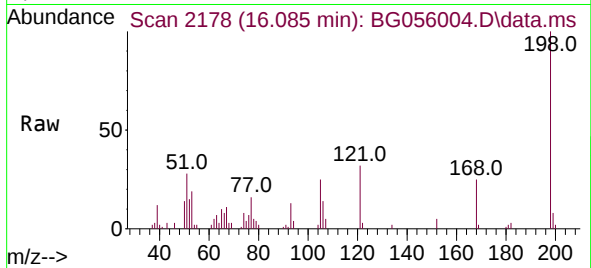
Tgt Ion:188 Resp: 93862
 Ion Ratio Lower Upper
 188 100
 94 2.6 1.8 2.8
 80 3.0 2.4 3.6





#65
4,6-Dinitro-2-methylphenol
Concen: 45.352 ng
RT: 16.085 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

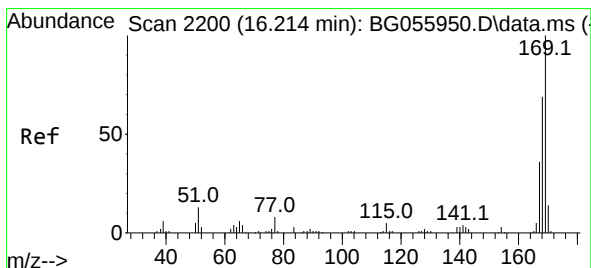
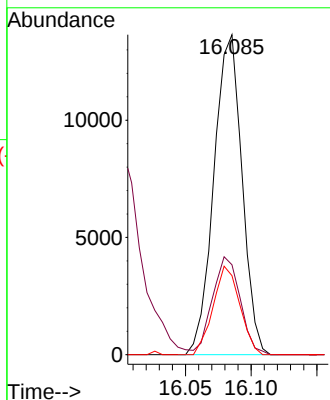
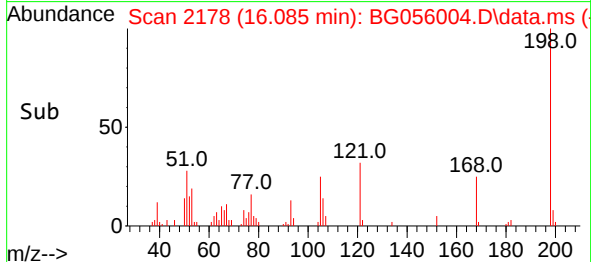
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



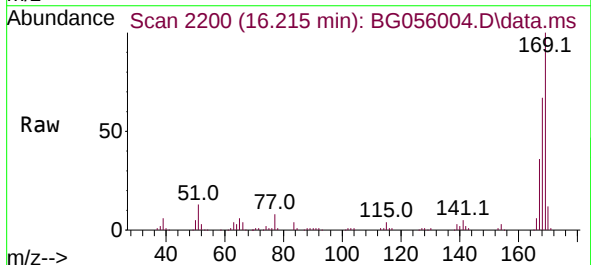
Tgt Ion:198 Resp: 20335
Ion Ratio Lower Upper
198 100
51 28.1 3.0 43.0
105 24.7 3.3 43.3

Manual Integrations
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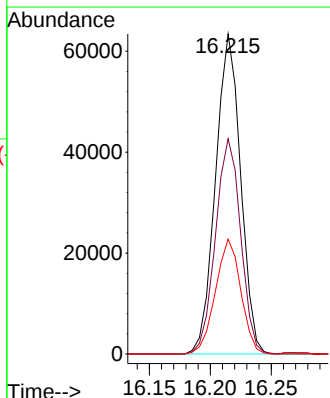
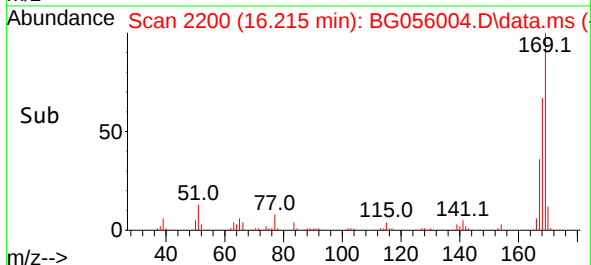
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

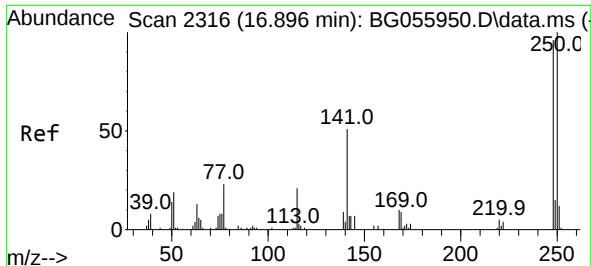


#66
n-Nitrosodiphenylamine
Concen: 36.911 ng
RT: 16.215 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



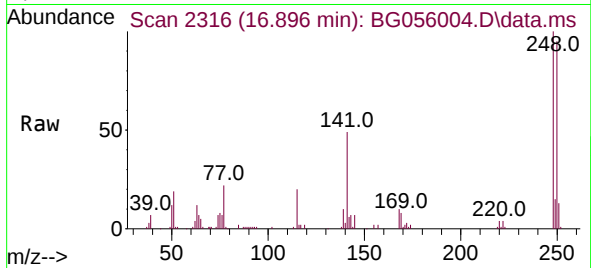
Tgt Ion:169 Resp: 90791
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 35.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 37.031 ng
RT: 16.896 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

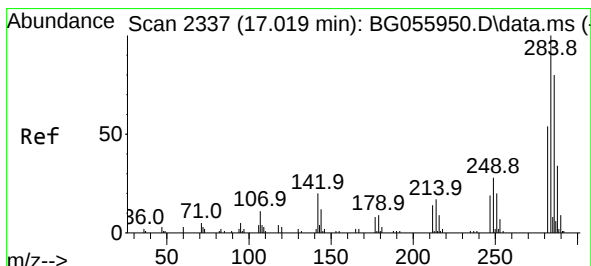
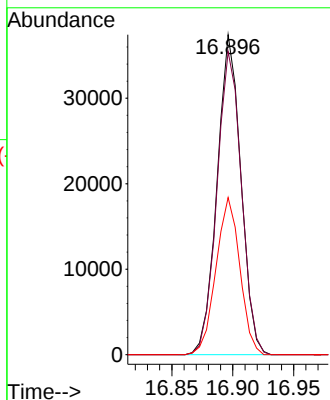
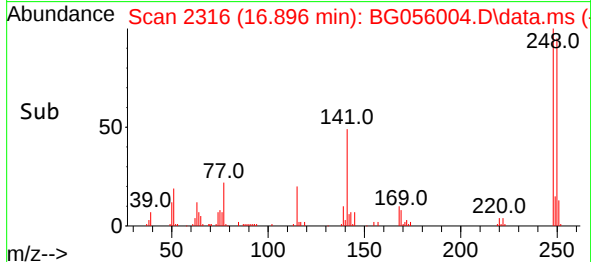
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



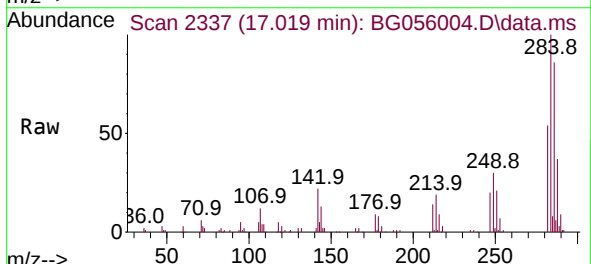
Tgt Ion:248 Resp: 5093
Ion Ratio Lower Upper
248 100
250 94.7 83.0 124.6
141 49.1 42.6 64.0

Manual Integrations
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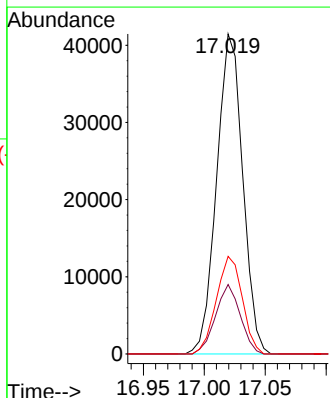
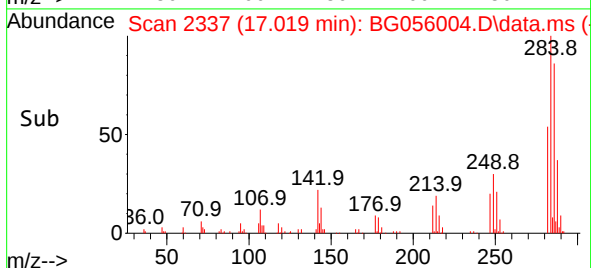
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

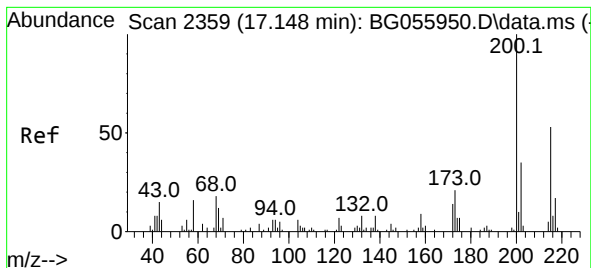


#68
Hexachlorobenzene
Concen: 36.454 ng
RT: 17.019 min Scan# 2337
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:284 Resp: 61757
Ion Ratio Lower Upper
284 100
142 21.7 16.2 24.2
249 30.5 22.8 34.2





#69

Atrazine

Concen: 39.708 ng

RT: 17.149 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

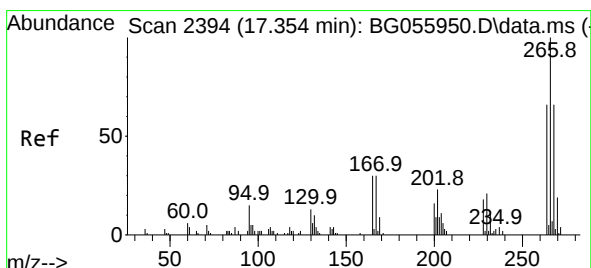
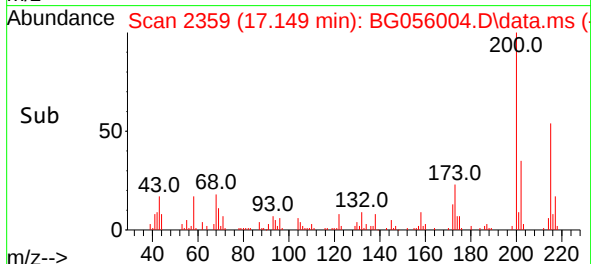
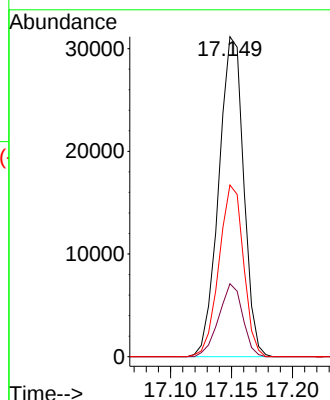
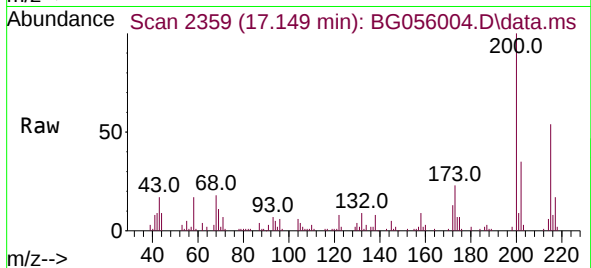
RB-42-(3-5)MSD

Tgt Ion:200	Resp: 44224
Ion Ratio	Lower Upper
200 100	
173 22.8	1.4 41.4
215 53.6	33.3 73.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#70

Pentachlorophenol

Concen: 81.467 ng

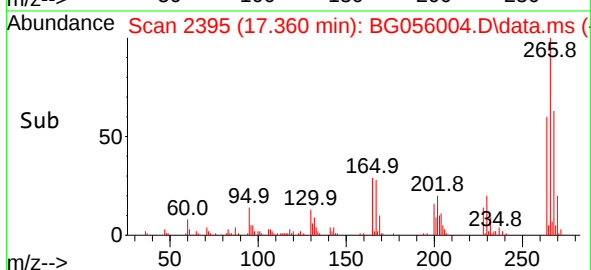
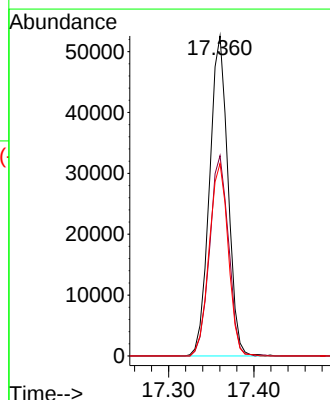
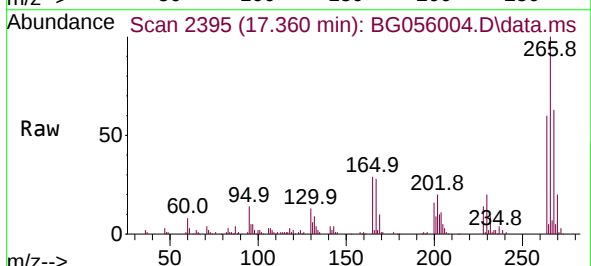
RT: 17.360 min Scan# 2395

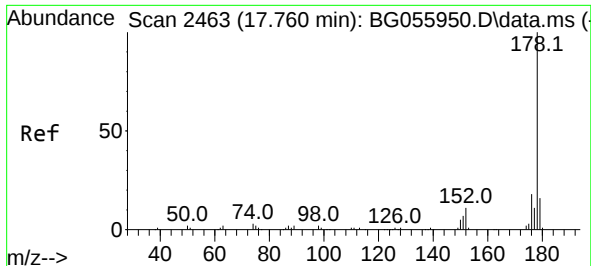
Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

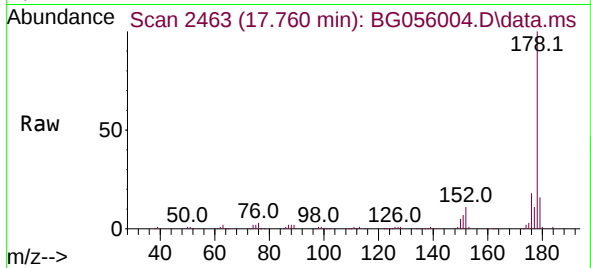
Tgt Ion:266	Resp: 78901
Ion Ratio	Lower Upper
266 100	
268 62.6	55.5 83.3
264 60.1	52.6 78.8





#71
Phenanthrene
Concen: 37.703 ng
RT: 17.760 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

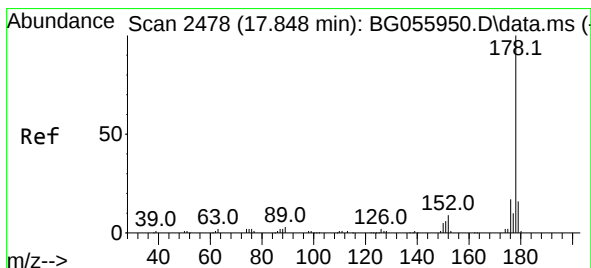
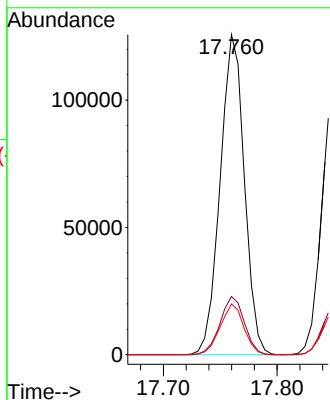
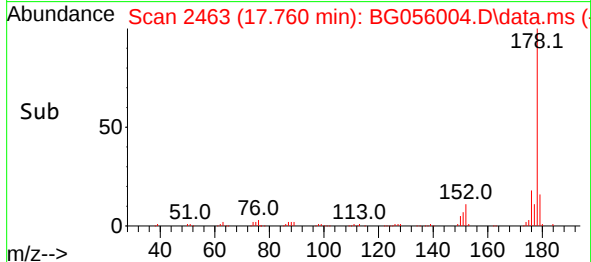
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



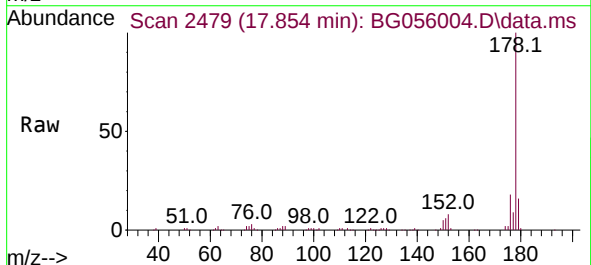
Tgt Ion:178 Resp: 185456
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 15.8 12.7 19.1

Manual Integrations
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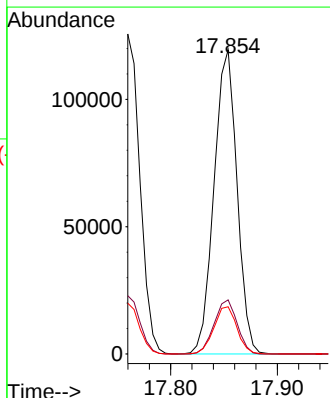
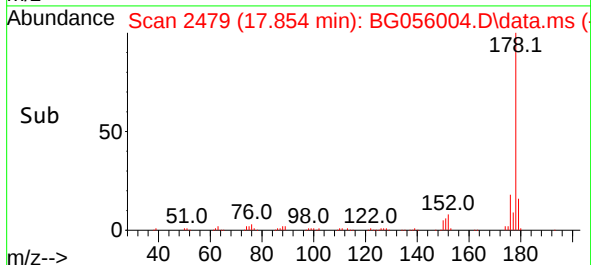
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

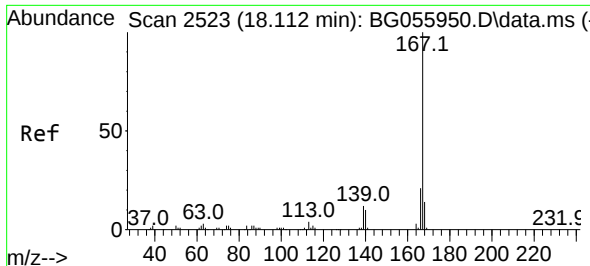


#72
Anthracene
Concen: 36.678 ng
RT: 17.854 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



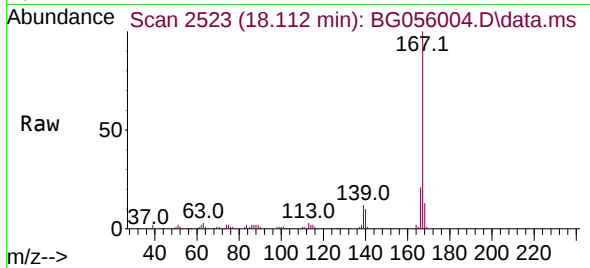
Tgt Ion:178 Resp: 178486
Ion Ratio Lower Upper
178 100
176 17.8 13.9 20.9
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 35.718 ng
 RT: 18.112 min Scan# 2523
 Delta R.T. 0.000 min
 Lab File: BG056004.D
 Acq: 16 Dec 2022 21:55

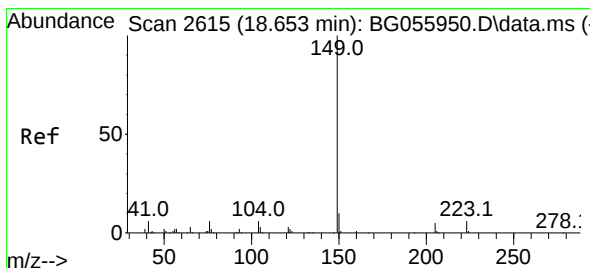
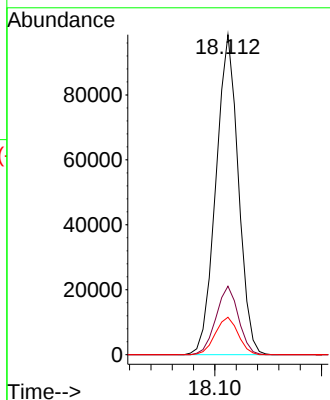
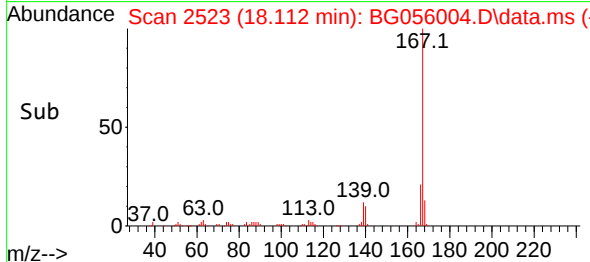
Instrument :
 BNA_G
 ClientSampleId :
 RB-42-(3-5)MSD



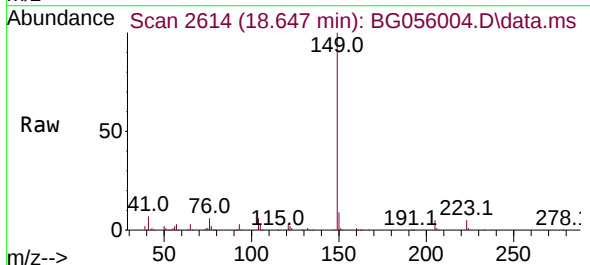
Tgt Ion:167 Resp: 14335
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.6 25.0
 139 11.7 9.7 14.5

Manual Integrations
 APPROVED

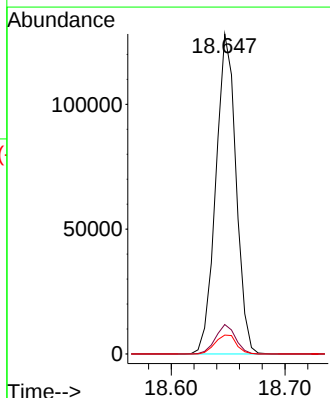
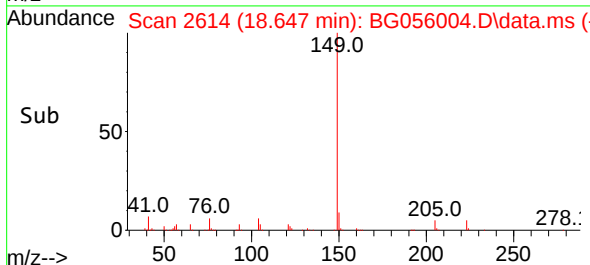
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

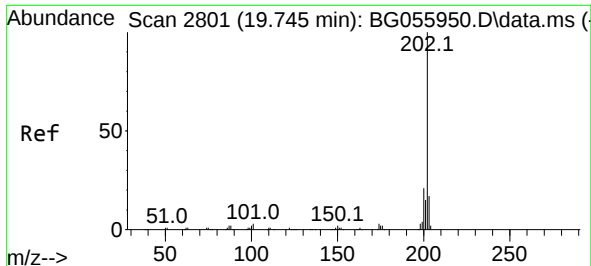


#74
 Di-n-butylphthalate
 Concen: 33.927 ng
 RT: 18.647 min Scan# 2614
 Delta R.T. -0.006 min
 Lab File: BG056004.D
 Acq: 16 Dec 2022 21:55



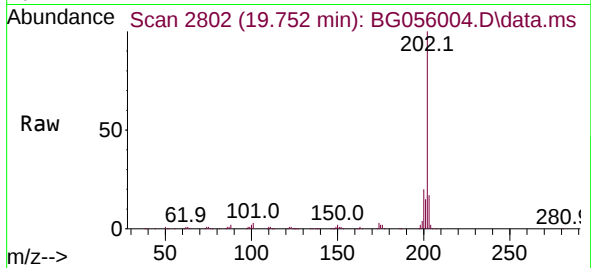
Tgt Ion:149 Resp: 158353
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 37.565 ng
RT: 19.752 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

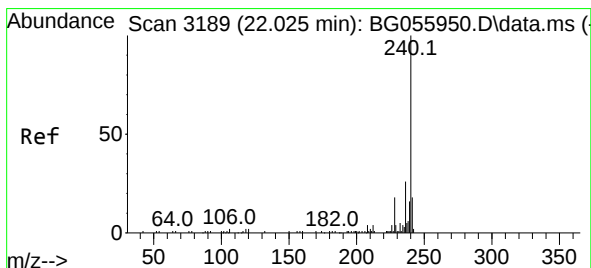
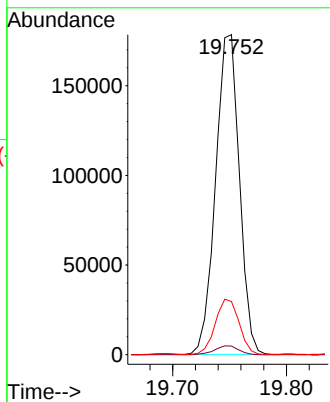
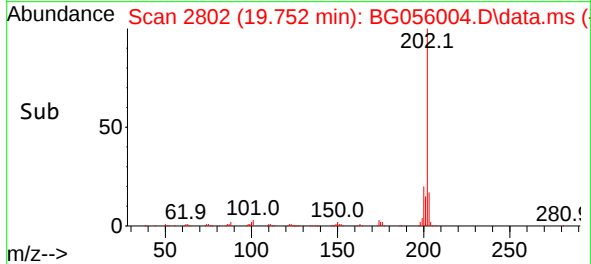
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



Tgt Ion:202 Resp: 258744
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.6
203 16.6 0.0 37.1

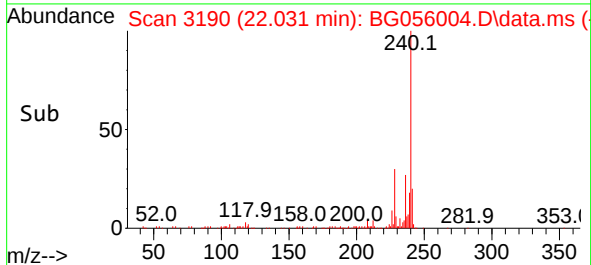
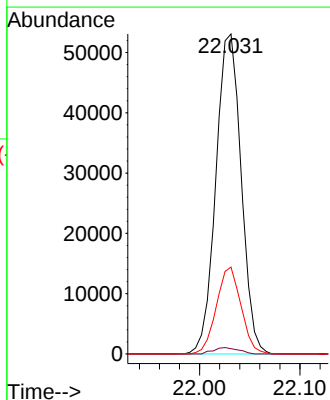
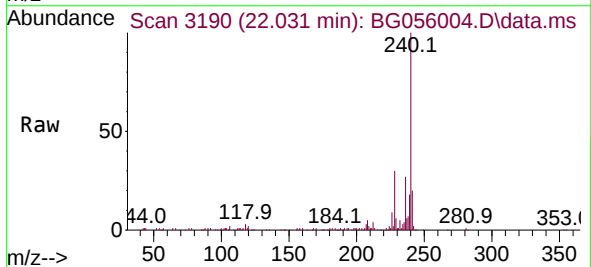
Manual Integrations
APPROVED

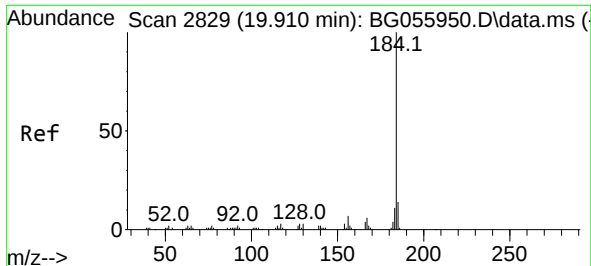
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

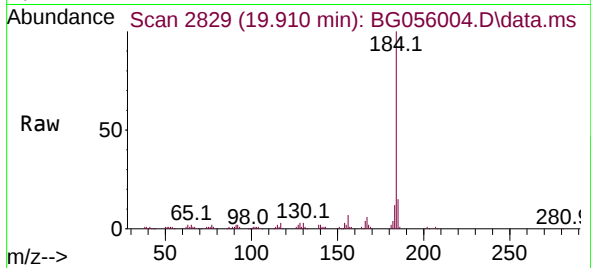
Tgt Ion:240 Resp: 92716
Ion Ratio Lower Upper
240 100
120 1.7 1.7 2.5#
236 27.1 21.1 31.7





#77
Benzidine
Concen: 51.985 ng
RT: 19.910 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

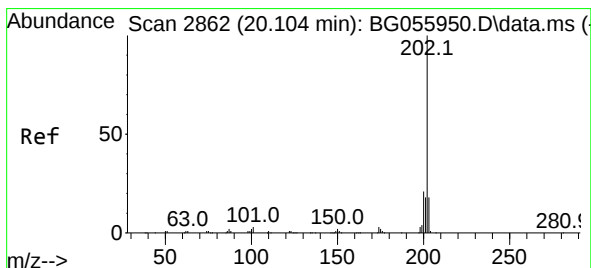
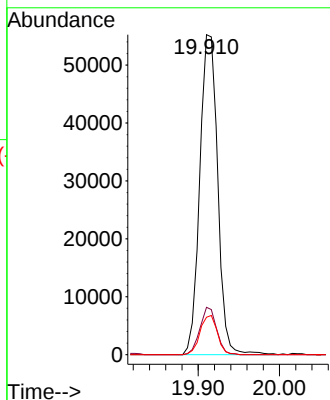
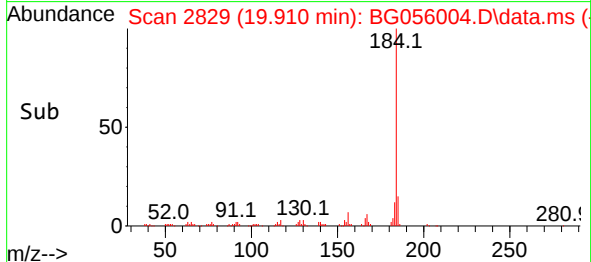
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



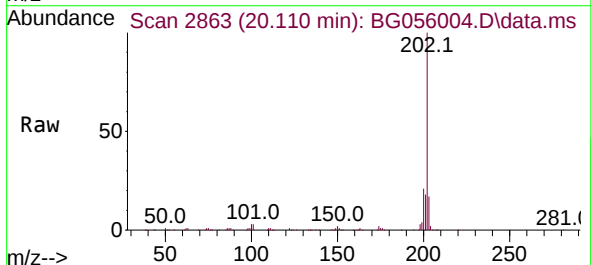
Tgt Ion:184 Resp: 84644
Ion Ratio Lower Upper
184 100
185 14.8 10.9 16.3
183 11.7 9.2 13.8

Manual Integrations
APPROVED

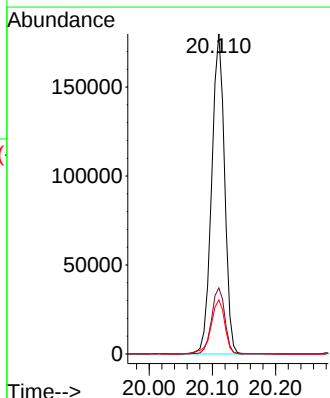
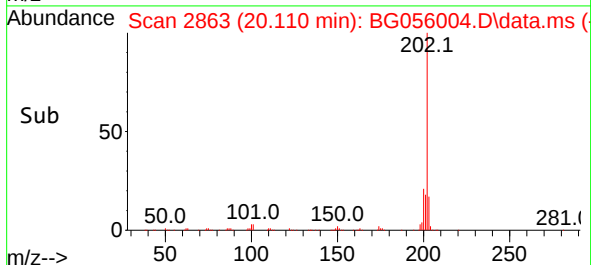
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

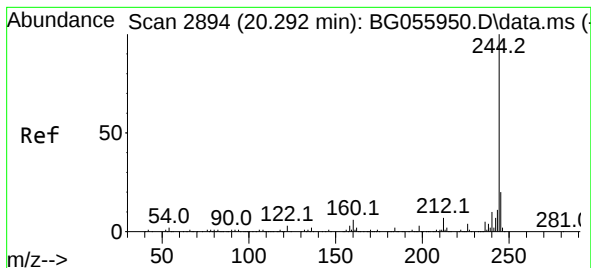


#78
Pyrene
Concen: 45.383 ng
RT: 20.110 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:202 Resp: 254613
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 16.9 14.6 21.8





#79

Terphenyl-d14

Concen: 57.071 ng

RT: 20.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056004.D

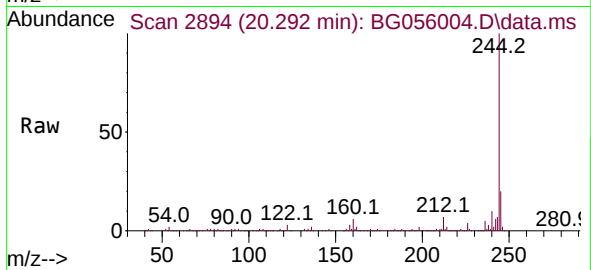
Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD



Tgt Ion:244 Resp: 299392

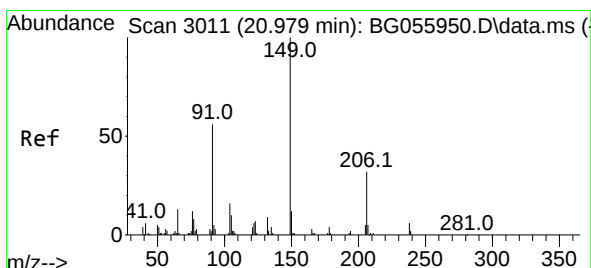
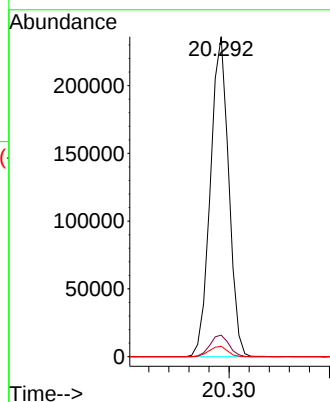
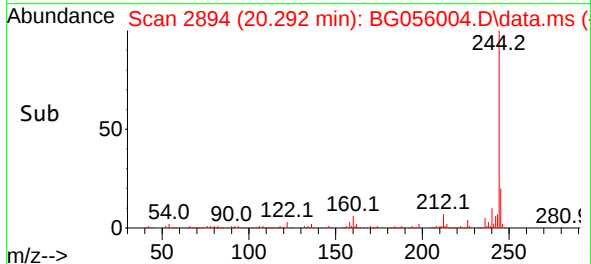
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	3.3	2.5	3.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#80

Butylbenzylphthalate

Concen: 40.348 ng

RT: 20.974 min Scan# 3010

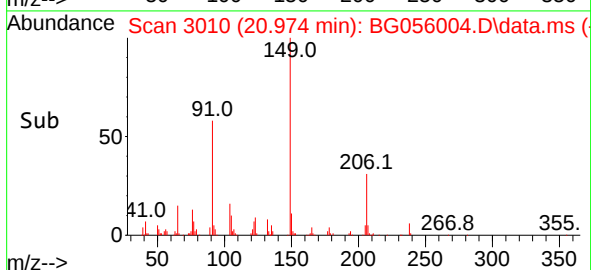
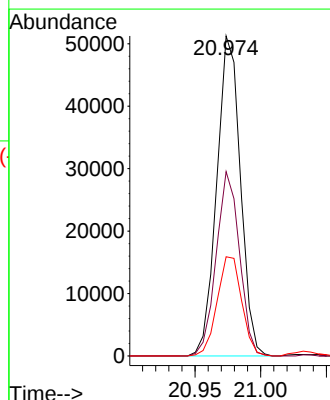
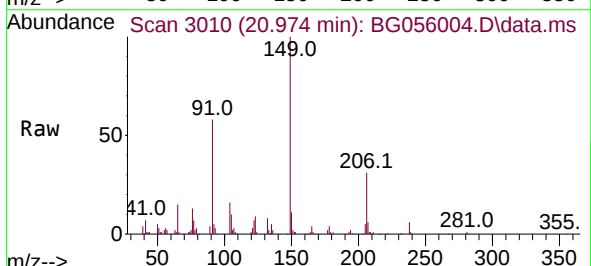
Delta R.T. -0.006 min

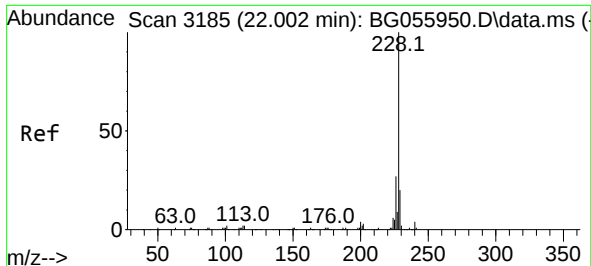
Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Tgt Ion:149 Resp: 64144

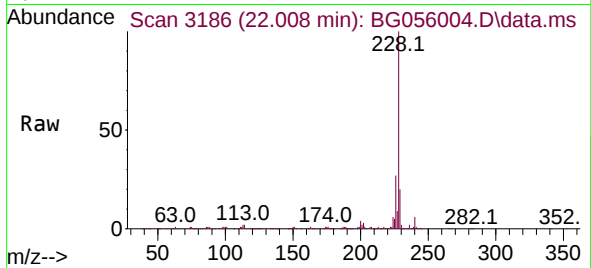
Ion	Ratio	Lower	Upper
149	100		
91	57.6	44.5	66.7
206	31.0	25.8	38.6





#81
Benzo(a)anthracene
Concen: 40.534 ng
RT: 22.008 min Scan# 3185
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

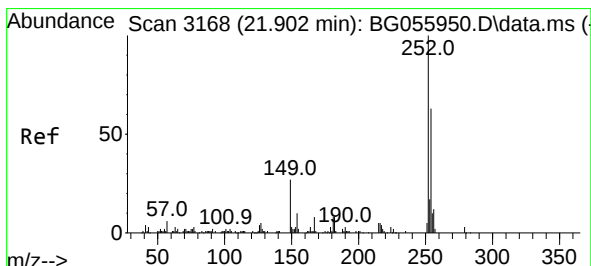
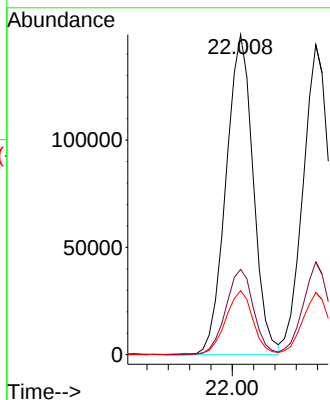
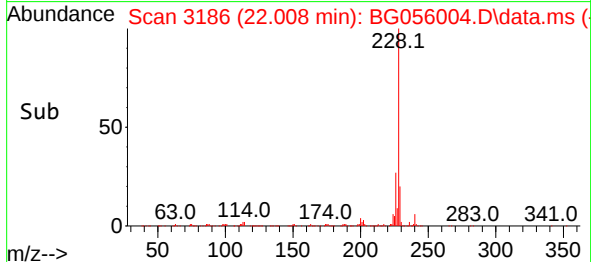
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



Tgt Ion:228 Resp: 26445
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.6
229 20.0 15.9 23.9

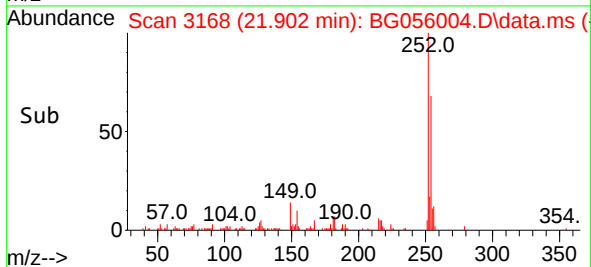
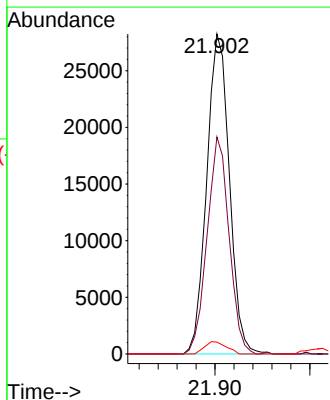
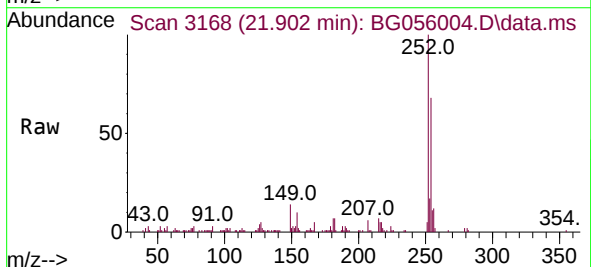
Manual Integrations
APPROVED

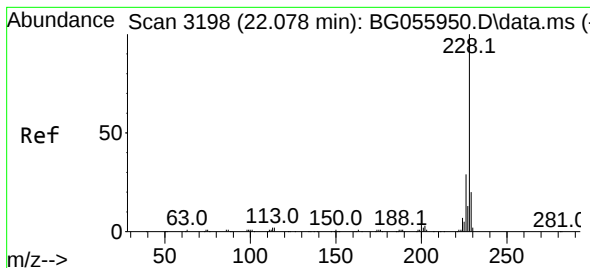
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 19.938 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

Tgt Ion:252 Resp: 46802
Ion Ratio Lower Upper
252 100
254 67.8 50.2 75.2
126 3.7 3.1 4.7





#83

Chrysene

Concen: 40.553 ng

RT: 22.078 min Scan# 3198

Delta R.T. -0.006 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

Tgt Ion:228 Resp: 24796

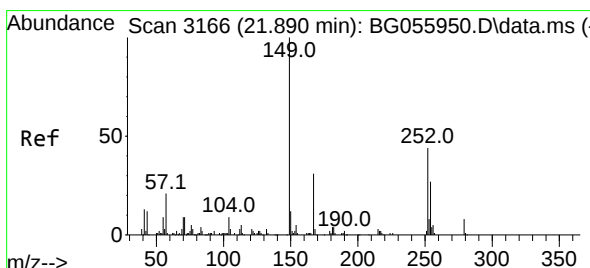
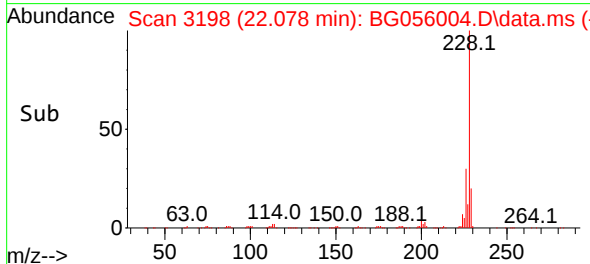
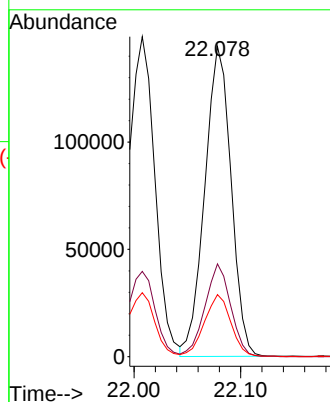
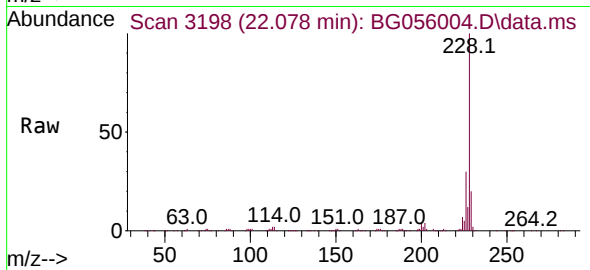
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.929 ng

RT: 21.878 min Scan# 3164

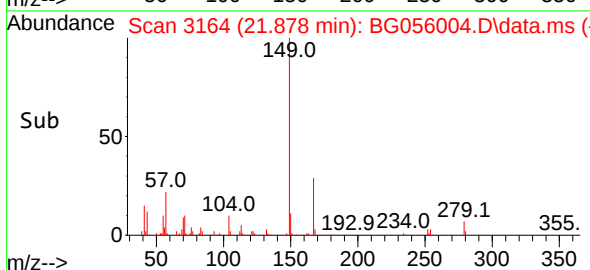
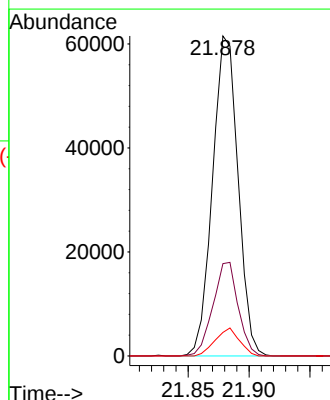
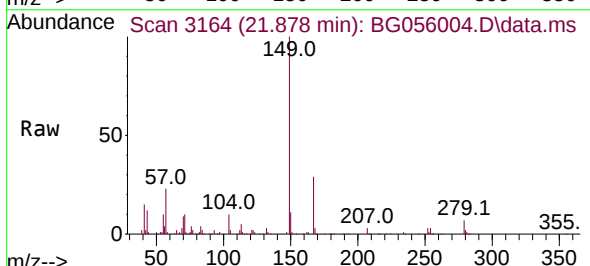
Delta R.T. -0.006 min

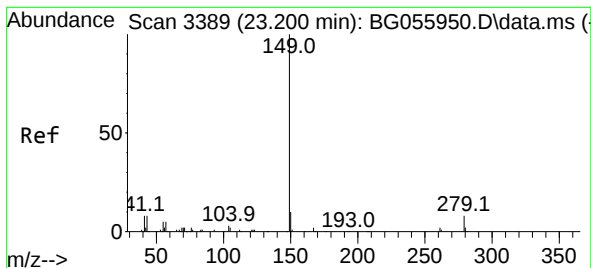
Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Tgt Ion:149 Resp: 89584

Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.6	36.8
279	7.4	6.3	9.5





#85

Di-n-octyl phthalate

Concen: 37.748 ng

RT: 23.195 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

Tgt Ion:149 Resp: 15123

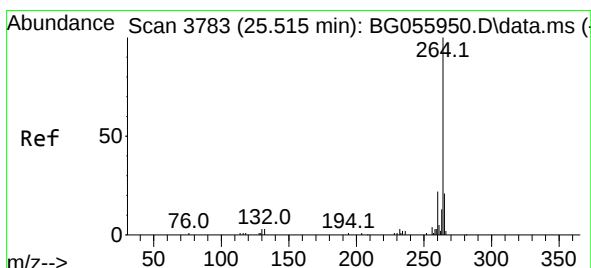
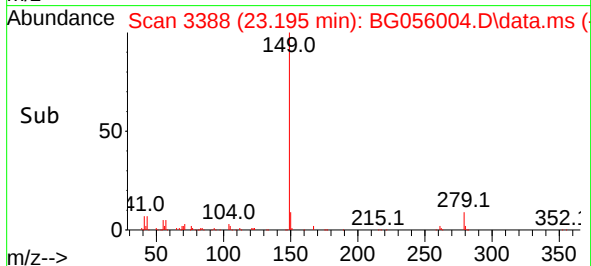
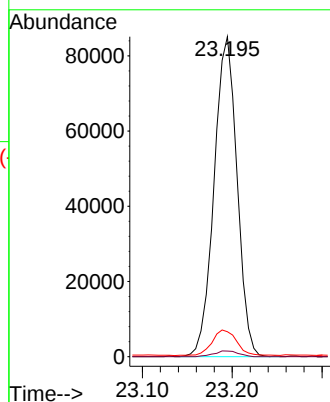
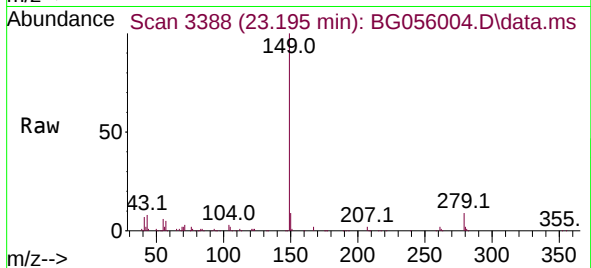
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.6	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.527 min Scan# 3785

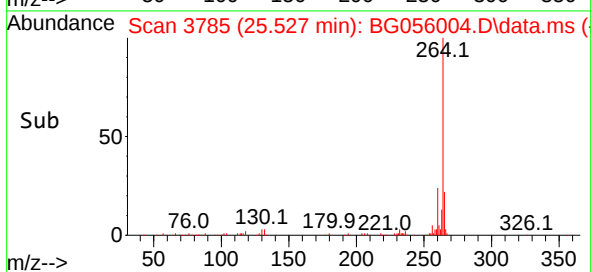
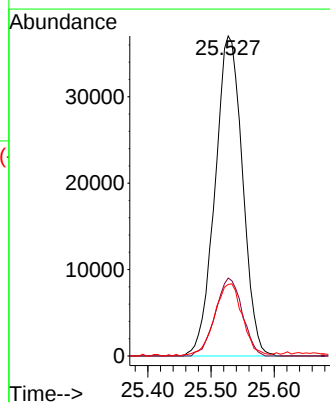
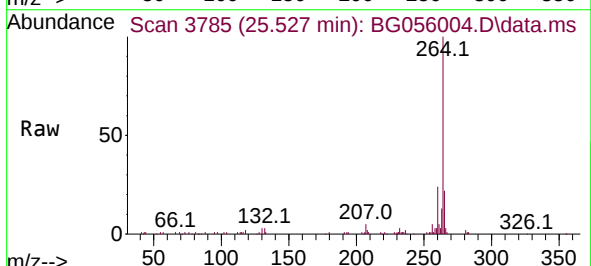
Delta R.T. -0.006 min

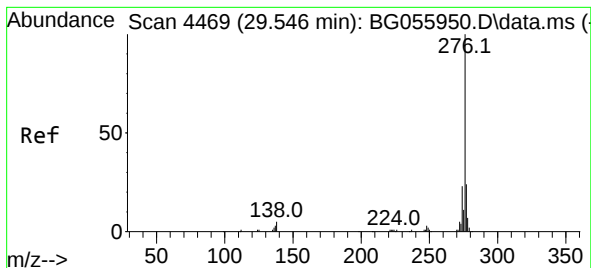
Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Tgt Ion:264 Resp: 111824

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.8	26.8
265	22.3	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.868 ng

RT: 29.569 min Scan# 4469

Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

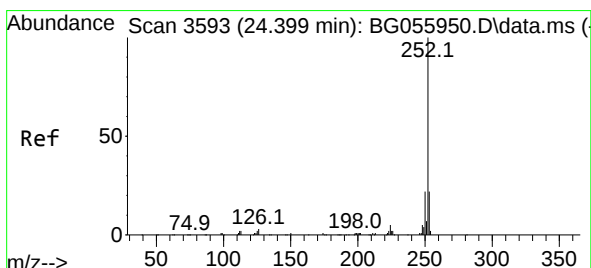
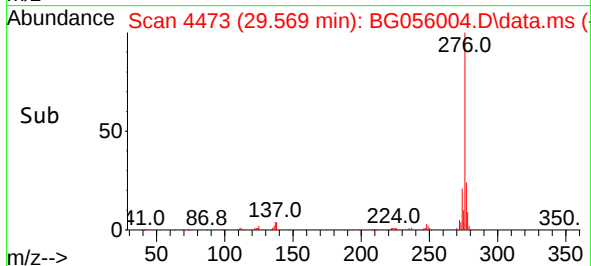
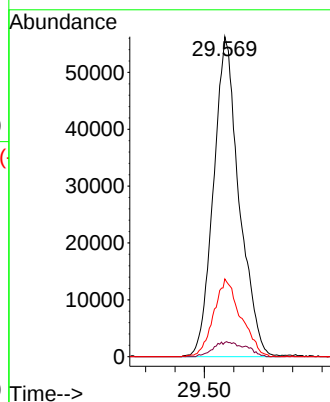
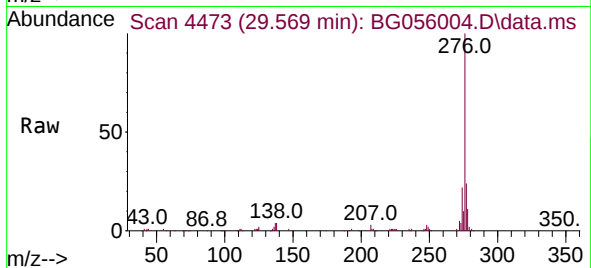
Tgt Ion:276 Resp: 340520
 Ion Ratio Lower Upper
 276 100
 138 2.0 3.0 4.4
 277 25.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#88

Benzo(b)fluoranthene

Concen: 42.109 ng

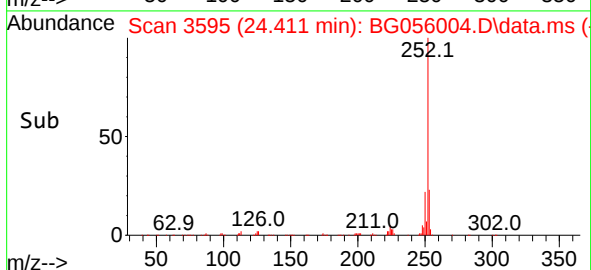
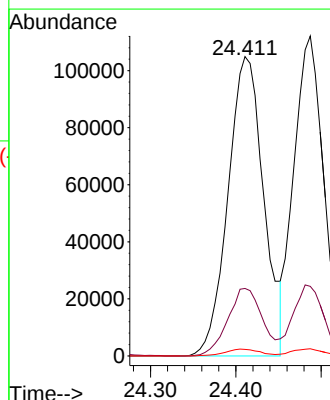
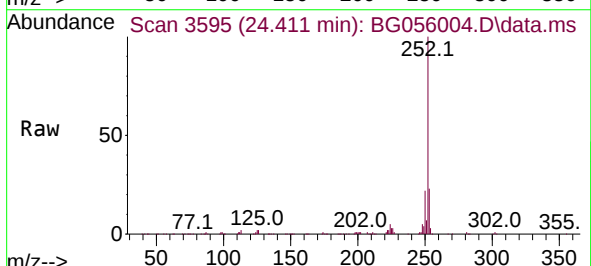
RT: 24.411 min Scan# 3595

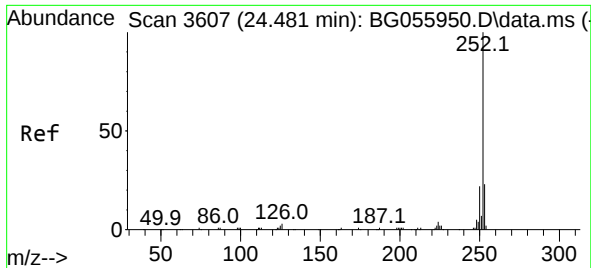
Delta R.T. -0.006 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

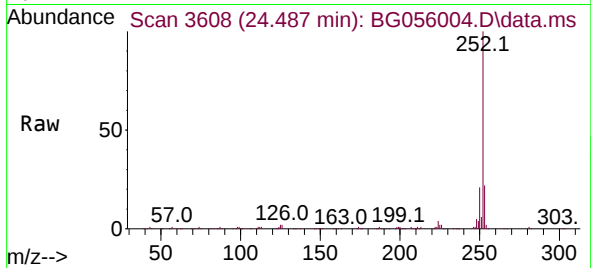
Tgt Ion:252 Resp: 304748
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 2.2 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 37.432 ng
RT: 24.487 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55

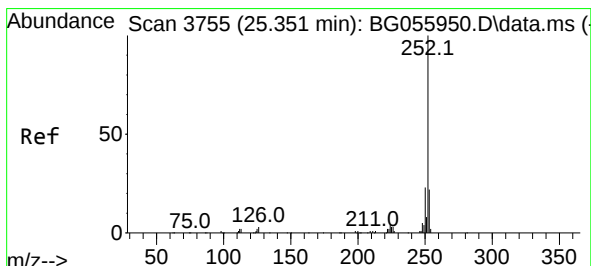
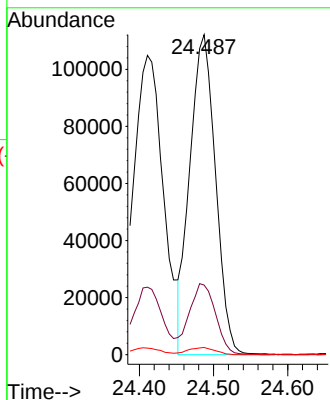
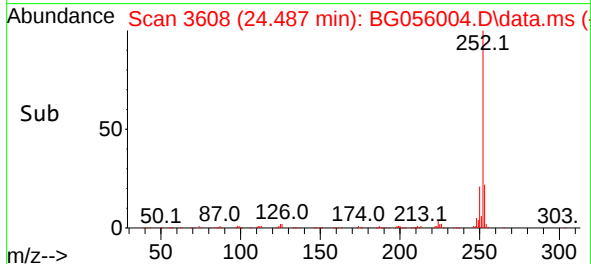
Instrument :
BNA_G
ClientSampleId :
RB-42-(3-5)MSD



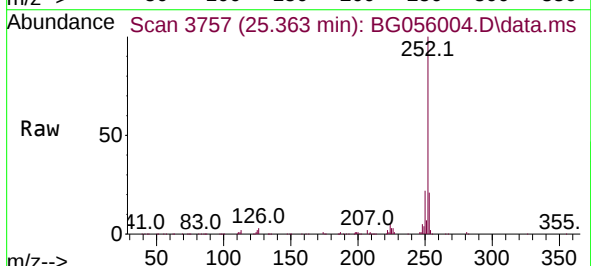
Tgt Ion:252 Resp: 27028
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 2.3 2.0 3.0

Manual Integrations
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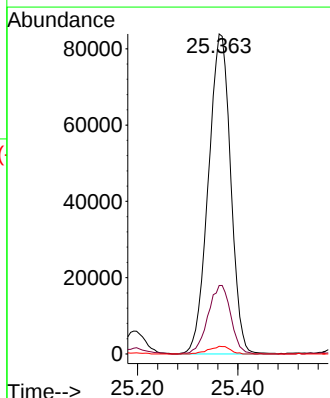
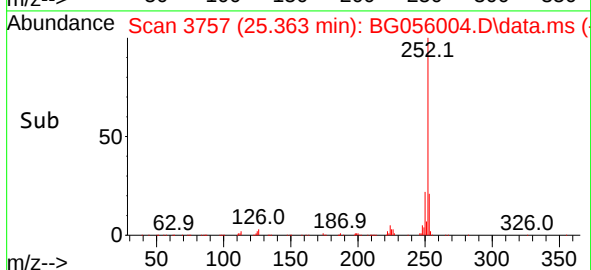
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

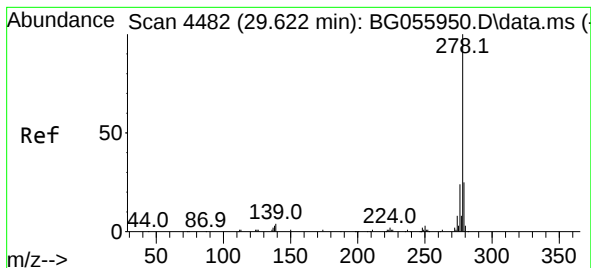


#90
Benzo(a)pyrene
Concen: 42.268 ng
RT: 25.363 min Scan# 3757
Delta R.T. -0.011 min
Lab File: BG056004.D
Acq: 16 Dec 2022 21:55



Tgt Ion:252 Resp: 258567
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 2.4 1.9 2.9





#91

Dibenzo(a,h)anthracene

Concen: 37.005 ng

RT: 29.634 min Scan# 4484

Delta R.T. -0.017 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Instrument :

BNA_G

ClientSampleId :

RB-42-(3-5)MSD

Tgt Ion:278 Resp: 278512

Ion Ratio Lower Upper

278 100

139 3.8 2.9 4.3

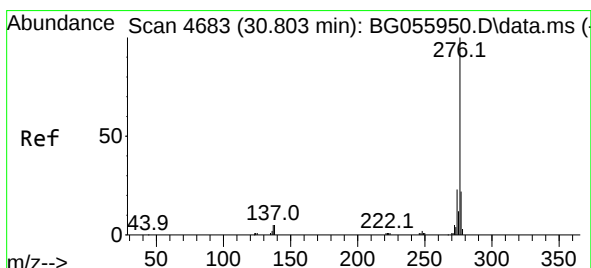
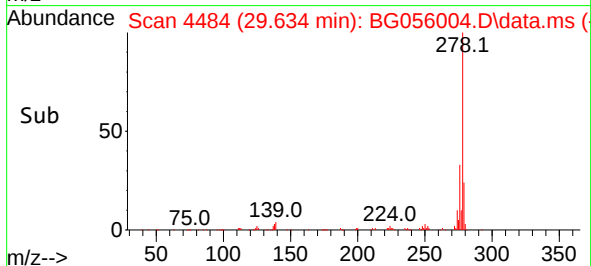
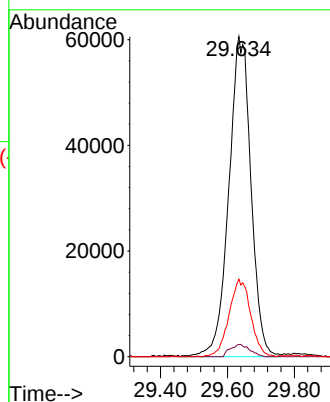
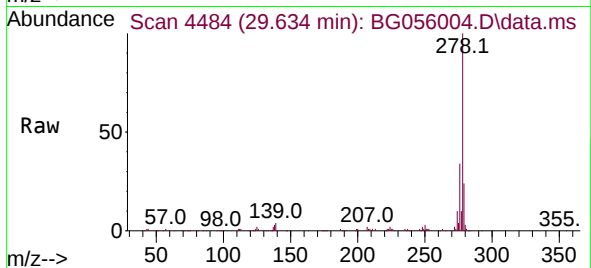
279 24.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#92

Benzo(g,h,i)perylene

Concen: 37.904 ng

RT: 30.839 min Scan# 4689

Delta R.T. 0.000 min

Lab File: BG056004.D

Acq: 16 Dec 2022 21:55

Tgt Ion:276 Resp: 275822

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 5.4 3.8 5.6

