

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
 Data File : BG055994.D
 Acq On : 16 Dec 2022 14:51
 Operator : CG/JU
 Sample : PB149627BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB149627BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 01:20:50 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	8.370	152	6726	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	28933	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	29779	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	89091	20.000	ng	0.00
76) Chrysene-d12	22.030	240	92820	20.000	ng	0.00
86) Perylene-d12	25.532	264	97754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	43725	152.457	ng	0.00
7) Phenol-d6	7.500	99	55961	151.711	ng	0.00
23) Nitrobenzene-d5	9.545	82	32719	79.026	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	94755	131.960	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	144483	68.046	ng	0.00
79) Terphenyl-d14	20.291	244	415351	79.087	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	3123	37.417	ng	89
3) Pyridine	4.128	79	8604	31.324	ng	93
4) n-Nitrosodimethylamine	4.034	42	9133	36.988	ng	88
6) Aniline	7.682	93	17137	38.803	ng	96
8) 2-Chlorophenol	7.929	128	18076	48.853	ng	91
9) Benzaldehyde	7.494	77	806	3.479	ng	93
10) Phenol	7.530	94	20001	49.544	ng	98
11) bis(2-Chloroethyl)ether	7.771	93	11289	42.930	ng	89
12) 1,3-Dichlorobenzene	8.264	146	19494m	40.728	ng	
13) 1,4-Dichlorobenzene	8.411	146	20365	41.633	ng	96
14) 1,2-Dichlorobenzene	8.734	146	19837	42.434	ng	99
15) Benzyl Alcohol	8.605	79	17482	45.611	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.893	45	15745	46.005	ng	94
17) 2-Methylphenol	8.799	107	15566	49.006	ng	93
18) Hexachloroethane	9.474	117	6162	41.499	ng	93
19) n-Nitroso-di-n-propyla...	9.175	70	11665	44.119	ng	# 84
20) 3+4-Methylphenols	9.128	107	20857	46.014	ng	97
22) Acetophenone	9.198	105	27857	38.840	ng	97
24) Nitrobenzene	9.592	77	17725	42.533	ng	95
25) Isophorone	10.109	82	34550	39.796	ng	98
26) 2-Nitrophenol	10.303	139	10122	41.029	ng	95
27) 2,4-Dimethylphenol	10.344	122	19785m	47.753	ng	
28) bis(2-Chloroethoxy)met...	10.585	93	17545	45.726	ng	95
29) 2,4-Dichlorophenol	10.838	162	24963	42.449	ng	97
30) 1,2,4-Trichlorobenzene	11.067	180	28857	37.749	ng	96
31) Naphthalene	11.261	128	58149	38.089	ng	99
32) Benzoic acid	10.461	122	14694	42.134	ng	90
33) 4-Chloroaniline	11.355	127	16716	25.542	ng	94
34) Hexachlorobutadiene	11.537	225	24692	34.357	ng	92
35) Caprolactam	12.112	113	7000m	42.723	ng	
36) 4-Chloro-3-methylphenol	12.442	107	23911	43.362	ng	96
37) 2-Methylnaphthalene	12.835	142	50706	37.594	ng	98
38) 1-Methylnaphthalene	13.053	142	47881	36.440	ng	100
40) 1,2,4,5-Tetrachloroben...	13.194	216	45087	35.885	ng	99
41) Hexachlorocyclopentadiene	13.170	237	61181	85.834	ng	98
43) 2,4,6-Trichlorophenol	13.423	196	29703	39.937	ng	99

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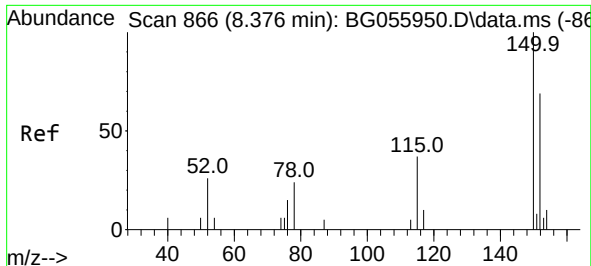
Manual Integrations
 APPROVED

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

Quant Time: Dec 17 01:20:50 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)
44) 2,4,5-Trichlorophenol	13.493	196	32641	38.933	ng	97
46) 1,1'-Biphenyl	13.822	154	76081	37.692	ng	100
47) 2-Chloronaphthalene	13.869	162	59611	36.346	ng	97
48) 2-Nitroaniline	14.057	65	13775	42.922	ng	97
49) Acenaphthylene	14.709	152	97458	37.227	ng	98
50) Dimethylphthalate	14.422	163	94481	36.698	ng	99
51) 2,6-Dinitrotoluene	14.545	165	17578	44.120	ng	92
52) Acenaphthene	15.044	154	73683	41.925	ng	94
53) 3-Nitroaniline	14.868	138	12639	31.188	ng	# 90
54) 2,4-Dinitrophenol	15.074	184	25406	85.777	ng	# 75
55) Dibenzofuran	15.379	168	110640	37.436	ng	96
56) 4-Nitrophenol	15.156	139	30106	92.707	ng	98
57) 2,4-Dinitrotoluene	15.326	165	26521	44.099	ng	94
58) Fluorene	16.020	166	90606	37.504	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.591	232	38688	40.392	ng	99
60) Diethylphthalate	15.773	149	93288	37.072	ng	98
61) 4-Chlorophenyl-phenyle...	16.002	204	61846	37.578	ng	99
62) 4-Nitroaniline	16.031	138	18429	41.759	ng	97
63) Azobenzene	16.296	77	57971	37.850	ng	96
65) 4,6-Dinitro-2-methylph...	16.084	198	17516	41.157	ng	96
66) n-Nitrosodiphenylamine	16.214	169	86379	36.998	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	48338	37.028	ng	91
68) Hexachlorobenzene	17.024	284	59245	36.844	ng	96
69) Atrazine	17.148	200	38270	36.202	ng	96
70) Pentachlorophenol	17.359	266	76018	82.693	ng	94
71) Phenanthrene	17.759	178	172193	36.881	ng	99
72) Anthracene	17.853	178	172257	37.293	ng	99
73) Carbazole	18.111	167	145789	38.270	ng	98
74) Di-n-butylphthalate	18.646	149	161211	36.389	ng	99
75) Fluoranthene	19.751	202	221937	33.947	ng	99
77) Benzidine	19.915	184	77640	47.630	ng	98
78) Pyrene	20.109	202	220612	39.279	ng	99
80) Butylbenzylphthalate	20.979	149	60098	37.761	ng	99
81) Benzo(a)anthracene	22.007	228	235218	36.013	ng	98
82) 3,3'-Dichlorobenzidine	21.907	252	80841	34.401	ng	95
83) Chrysene	22.077	228	221262	36.145	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	86682	36.659	ng	95
85) Di-n-octyl phthalate	23.194	149	146306	36.477	ng	100
87) Indeno(1,2,3-cd)pyrene	29.563	276	300148	38.183	ng	# 99
88) Benzo(b)fluoranthene	24.410	252	257476	40.698	ng	99
89) Benzo(k)fluoranthene	24.486	252	255020	40.402	ng	97
90) Benzo(a)pyrene	25.368	252	227607	42.562	ng	99
91) Dibenzo(a,h)anthracene	29.645	278	264257	40.164	ng	96
92) Benzo(g,h,i)perylene	30.832	276	250989	39.456	ng	95

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



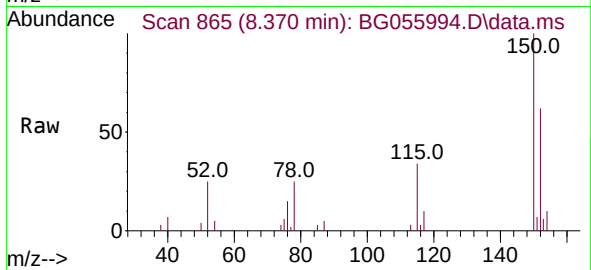
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG055994.D
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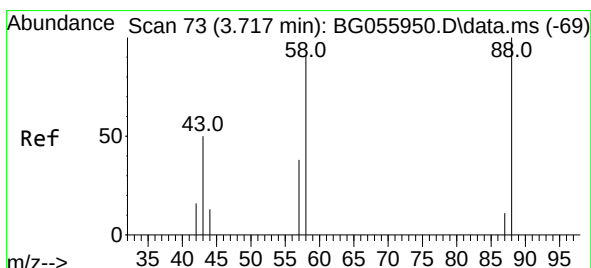
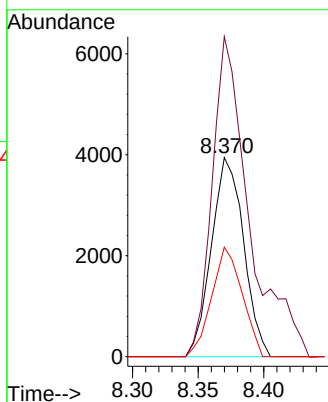
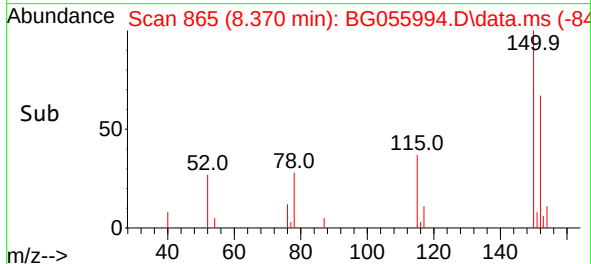


Tgt Ion:152 Resp: 6720
Ion Ratio Lower Upper
152 100
150 160.8 115.7 173.5
115 55.1 43.0 64.4

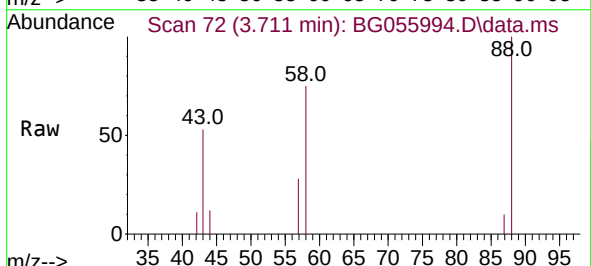
Manual Integrations

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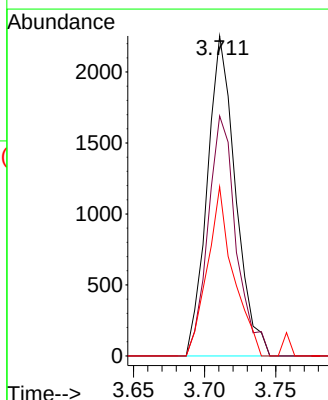
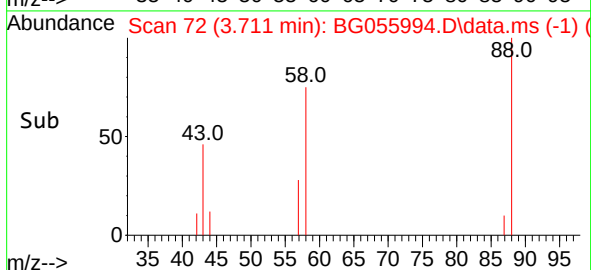
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

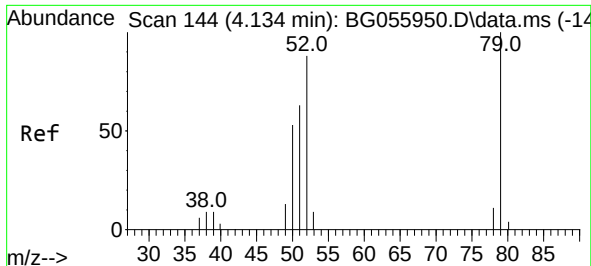


#2
1,4-Dioxane
Concen: 37.417 ng
RT: 3.711 min Scan# 72
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion: 88 Resp: 3123
Ion Ratio Lower Upper
88 100
58 74.3 67.0 100.4
43 48.6 45.7 68.5





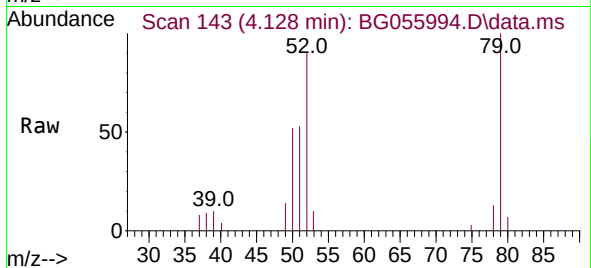
#3
Pyridine
Concen: 31.324 ng
RT: 4.128 min Scan# 144
Delta R.T. -0.007 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

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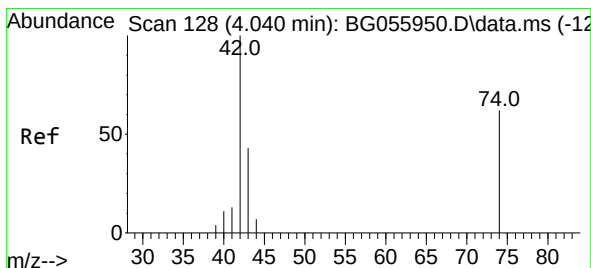
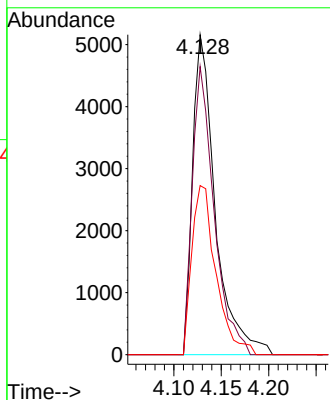
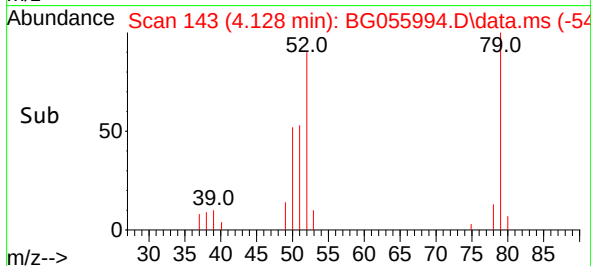


Tgt Ion: 79 Resp: 8604
Ion Ratio Lower Upper
79 100
52 90.0 70.3 105.5
51 52.9 50.6 76.0

Manual Integrations

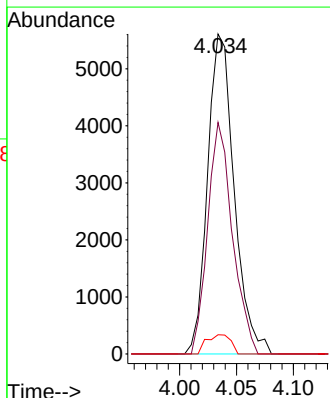
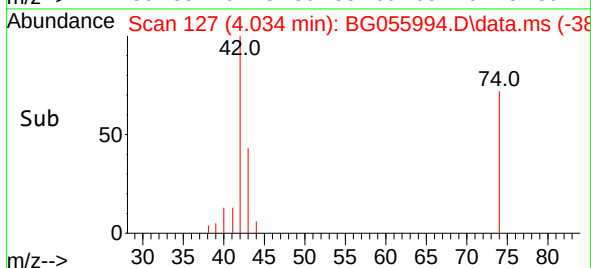
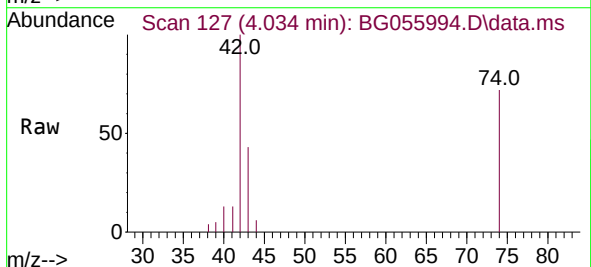
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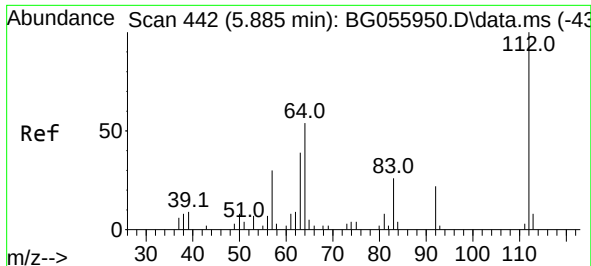
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#4
n-Nitrosodimethylamine
Concen: 36.988 ng
RT: 4.034 min Scan# 127
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion: 42 Resp: 9133
Ion Ratio Lower Upper
42 100
74 72.4 49.8 74.6
44 6.0 5.2 7.8





#5
2-Fluorophenol
Concen: 152.457 ng
RT: 5.890 min Scan# 442
Delta R.T. 0.005 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

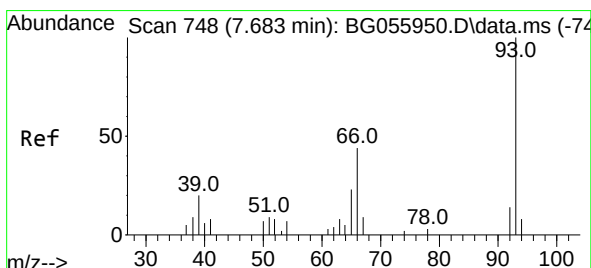
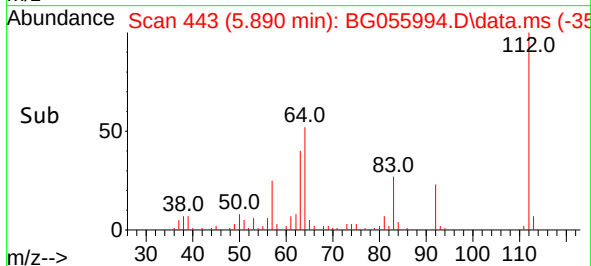
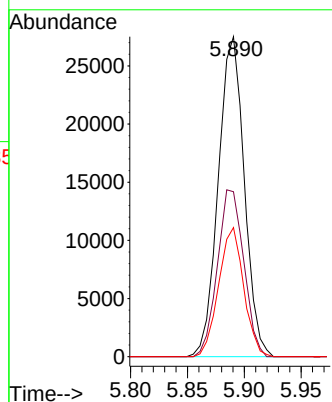
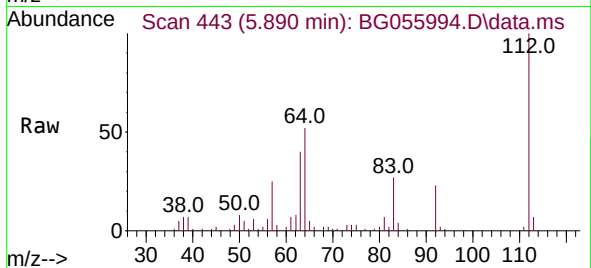
PB149627BS

Tgt Ion:112 Resp: 43725
Ion Ratio Lower Upper
112 100
64 51.6 43.0 64.4
63 40.4 31.4 47.2

Manual Integrations

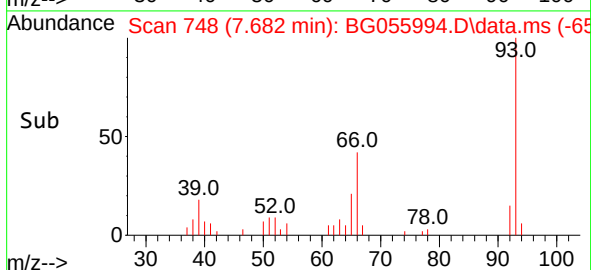
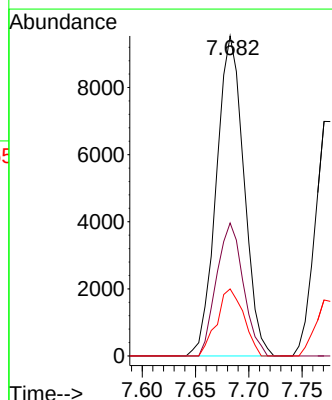
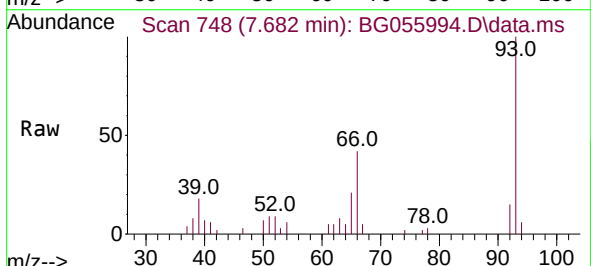
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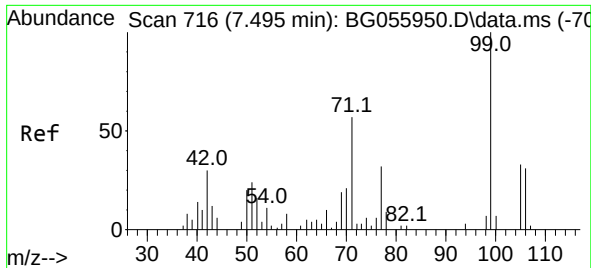
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#6
Aniline
Concen: 38.803 ng
RT: 7.682 min Scan# 748
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion: 93 Resp: 17137
Ion Ratio Lower Upper
93 100
66 41.5 35.5 53.3
65 20.9 18.2 27.2





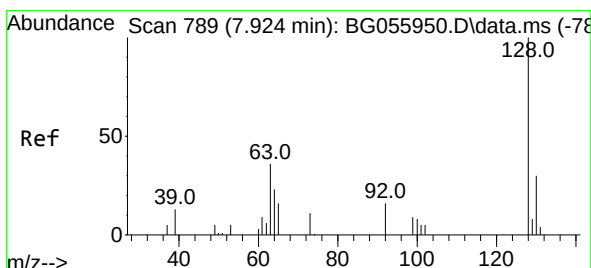
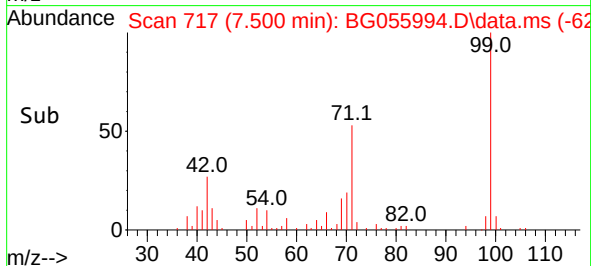
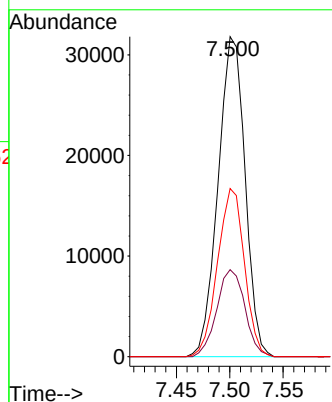
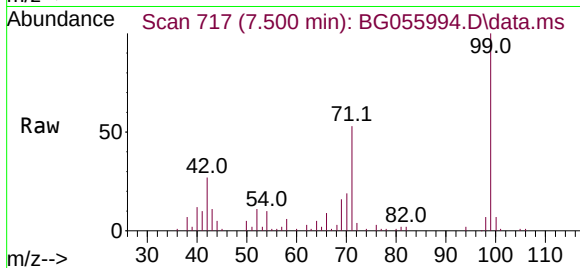
#7
Phenol-d6
Concen: 151.711 ng
RT: 7.500 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion: 99 Resp: 5596
Ion Ratio Lower Upper
99 100
42 27.2 24.3 36.5
71 52.5 45.6 68.4

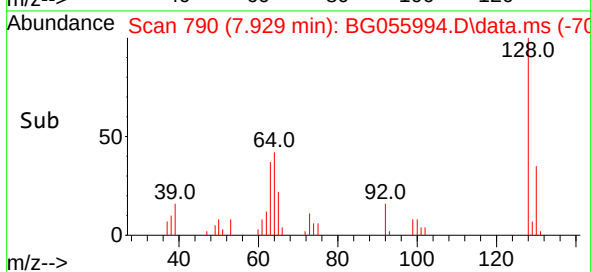
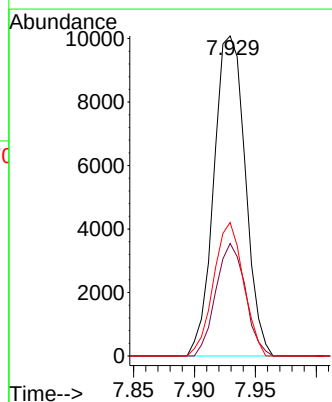
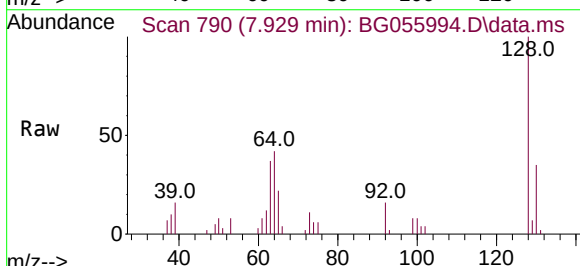
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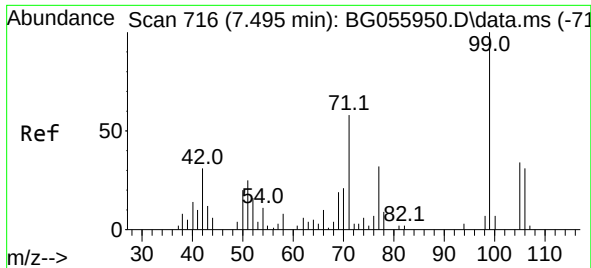
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#8
2-Chlorophenol
Concen: 48.853 ng
RT: 7.929 min Scan# 790
Delta R.T. -0.001 min
Lab File: BG055994.D
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Tgt Ion:128 Resp: 18076
Ion Ratio Lower Upper
128 100
130 35.1 9.9 49.9
64 41.7 16.7 56.7





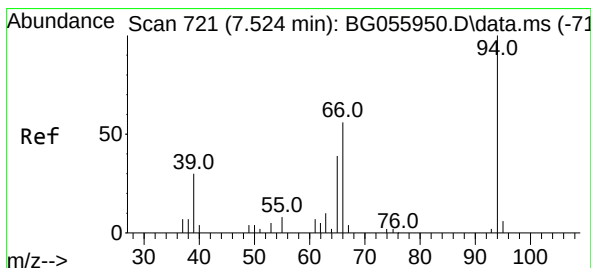
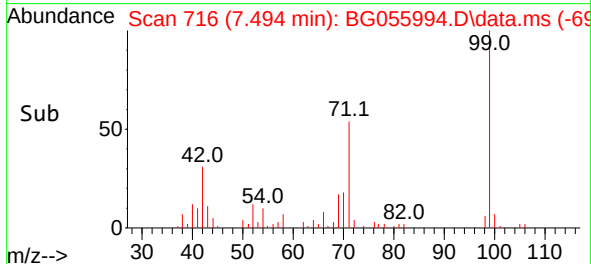
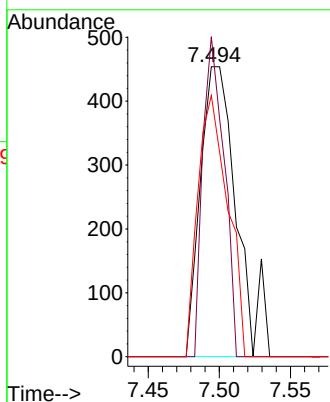
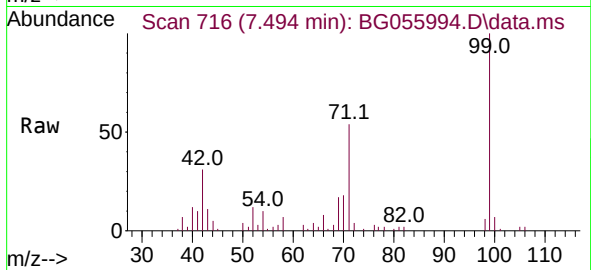
#9
Benzaldehyde
Concen: 3.479 ng
RT: 7.494 min Scan# 716
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion: 77 Resp: 800
Ion Ratio Lower Upper
77 100
105 110.4 83.1 123.1
106 90.1 76.3 116.3

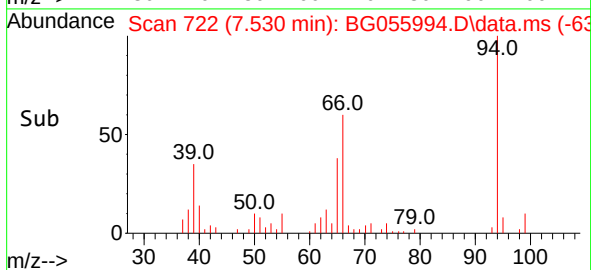
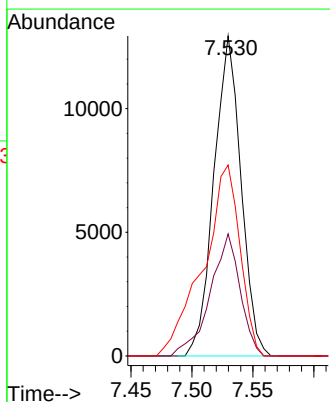
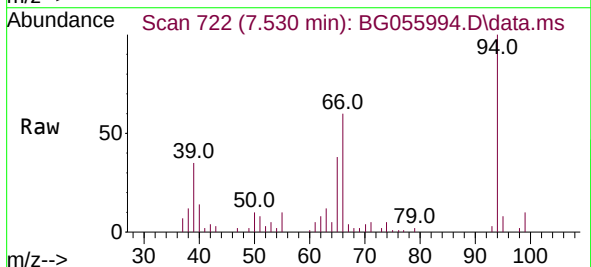
Manual Integrations
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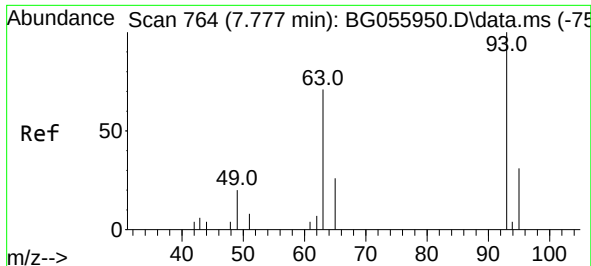
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#10
Phenol
Concen: 49.544 ng
RT: 7.530 min Scan# 722
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion: 94 Resp: 20001
Ion Ratio Lower Upper
94 100
65 38.2 18.9 58.9
66 59.6 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 42.930 ng
RT: 7.771 min Scan# 763
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

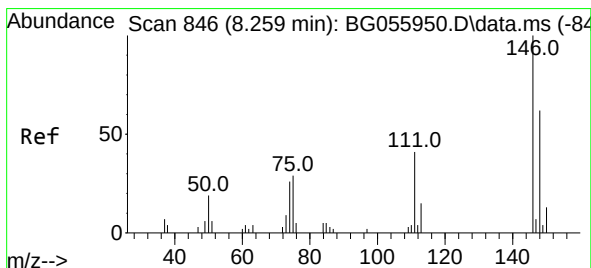
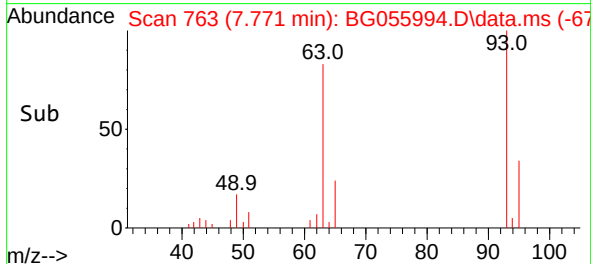
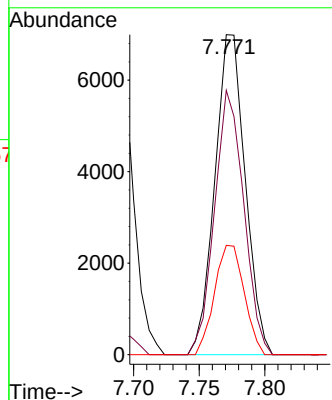
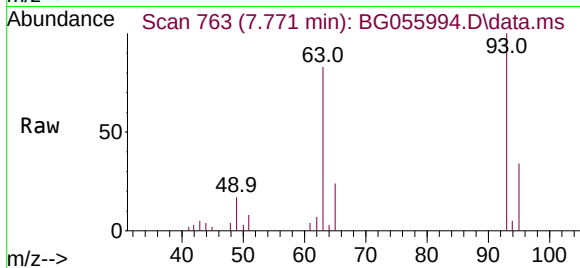
ClientSampleId :

PB149627BS

Tgt Ion: 93 Resp: 11289
Ion Ratio Lower Upper
93 100
63 82.6 51.4 91.4
95 34.1 11.3 51.3

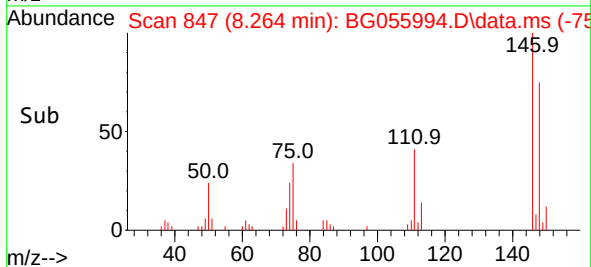
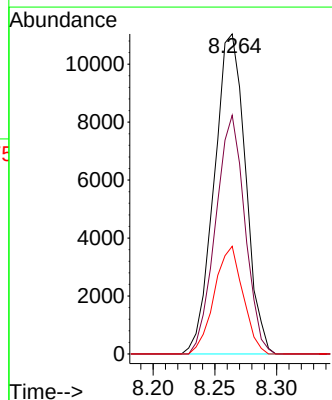
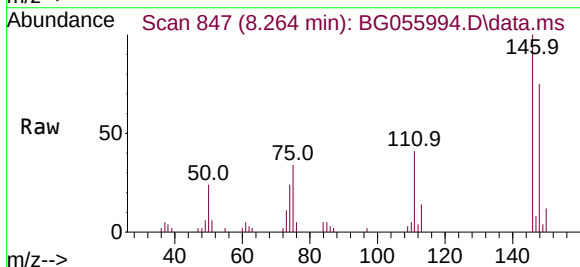
Manual Integrations
APPROVED

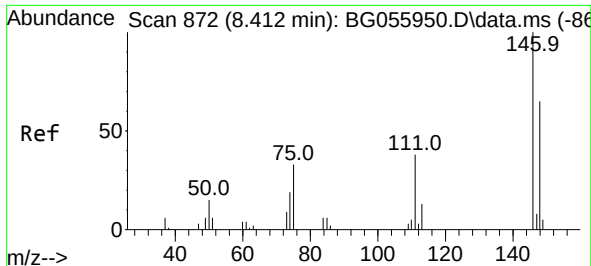
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
1,3-Dichlorobenzene
Concen: 40.728 ng m
RT: 8.264 min Scan# 847
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:146 Resp: 19494
Ion Ratio Lower Upper
146 100
148 74.6 49.7 74.5#
75 33.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 41.633 ng

RT: 8.411 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

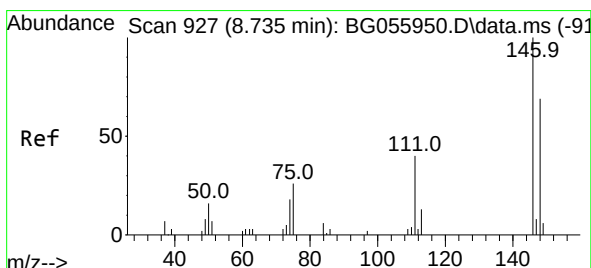
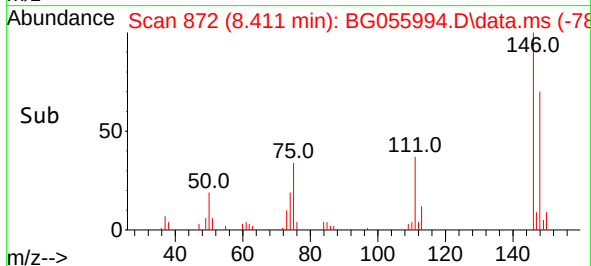
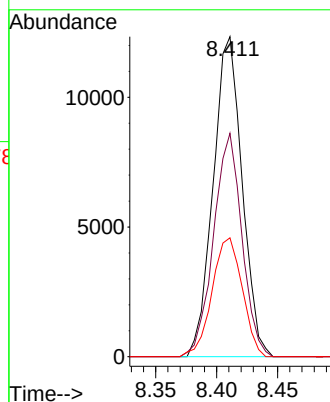
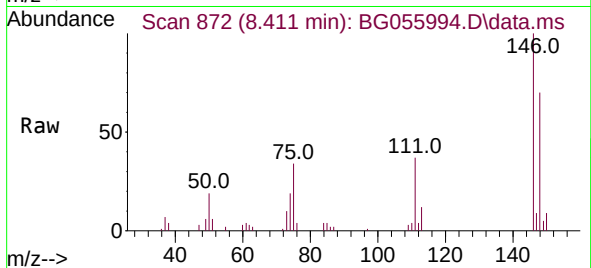
Tgt Ion:146	Resp:	2036
Ion Ratio	Lower	Upper
146	100	
148	69.8	52.4 78.6
111	37.1	30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#14

1,2-Dichlorobenzene

Concen: 42.434 ng

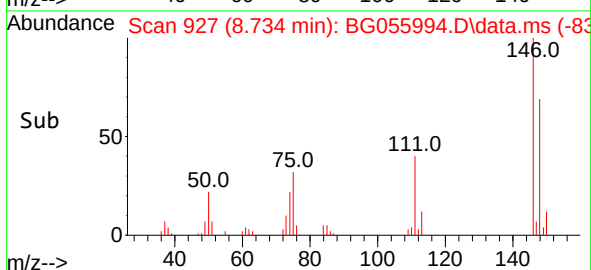
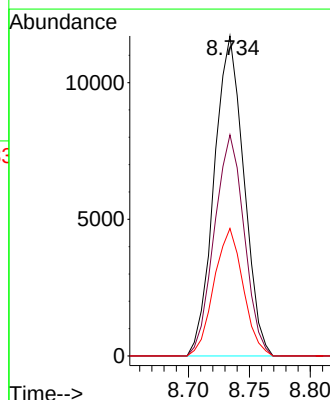
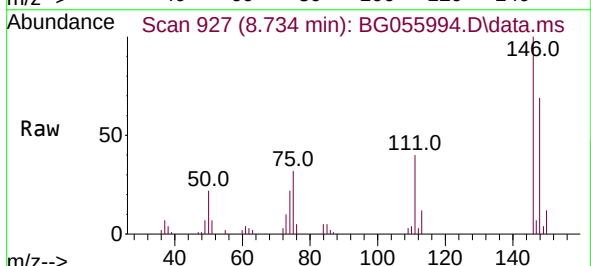
RT: 8.734 min Scan# 927

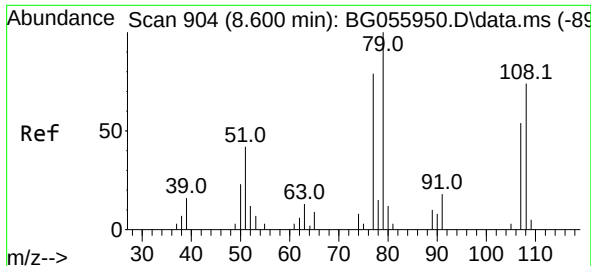
Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Tgt Ion:146	Resp:	19837
Ion Ratio	Lower	Upper
146	100	
148	69.1	55.1 82.7
111	39.9	32.4 48.6





#15
Benzyl Alcohol
Concen: 45.611 ng
RT: 8.605 min Scan# 904
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

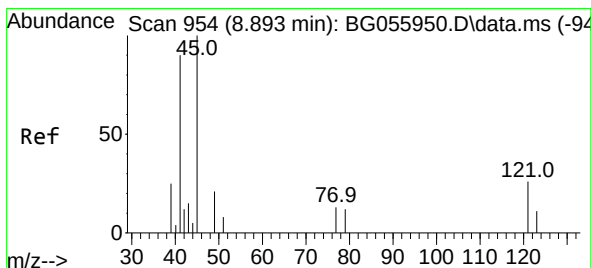
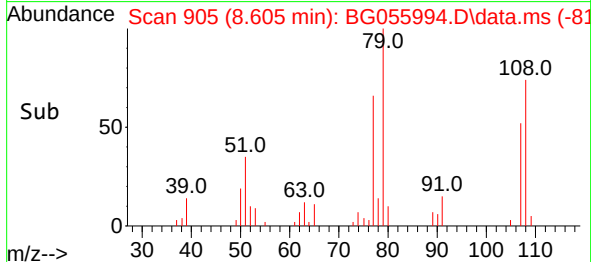
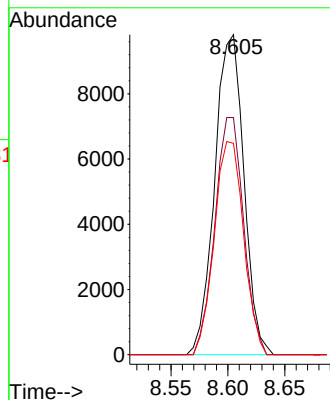
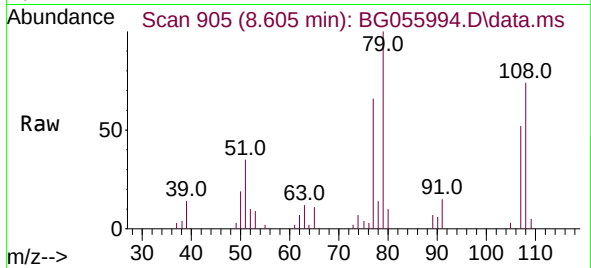
ClientSampleId :

PB149627BS

Tgt Ion: 79 Resp: 1748
Ion Ratio Lower Upper
79 100
108 74.1 59.5 89.3
77 66.0 63.0 94.6

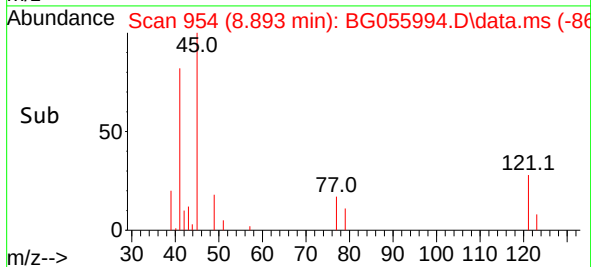
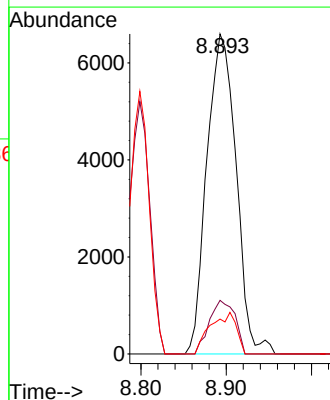
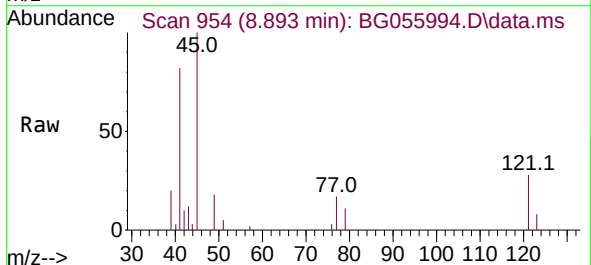
Manual Integrations
APPROVED

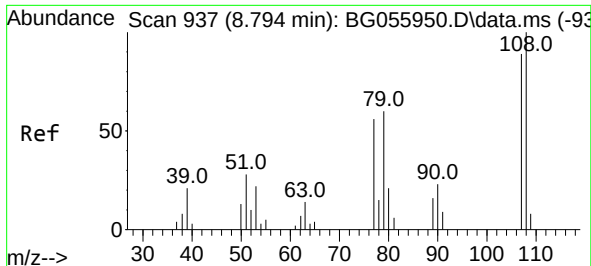
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.005 ng
RT: 8.893 min Scan# 954
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion: 45 Resp: 15745
Ion Ratio Lower Upper
45 100
77 16.8 0.0 33.4
79 10.9 0.0 31.8





#17
2-Methylphenol
Concen: 49.006 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

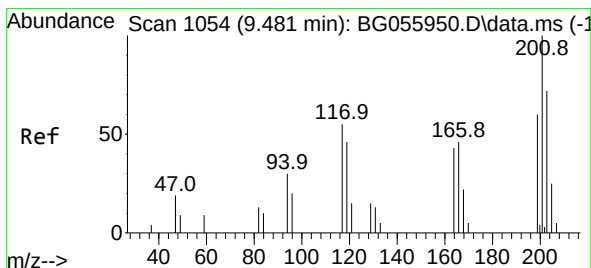
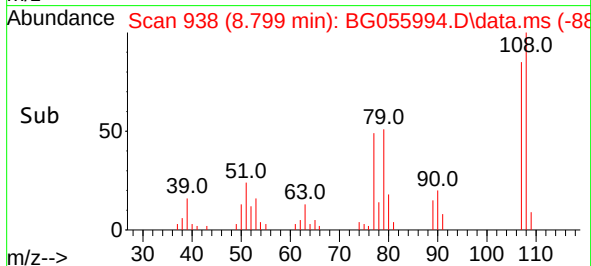
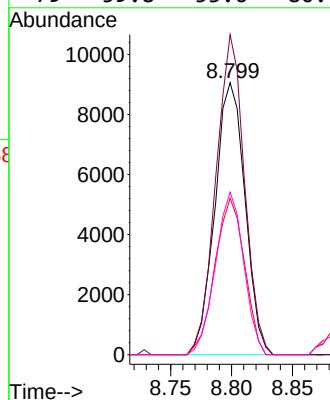
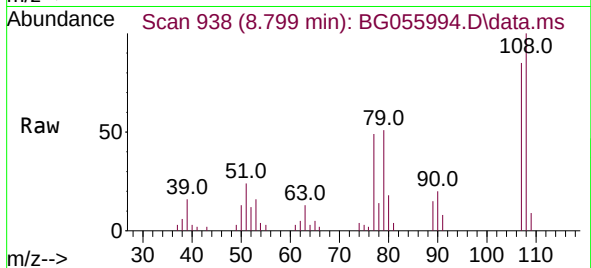
PB149627BS

Tgt Ion:107 Resp: 1556
Ion Ratio Lower Upper
107 100
108 117.7 89.8 134.8
77 57.5 50.2 75.2
79 59.8 53.6 80.4

Manual Integrations

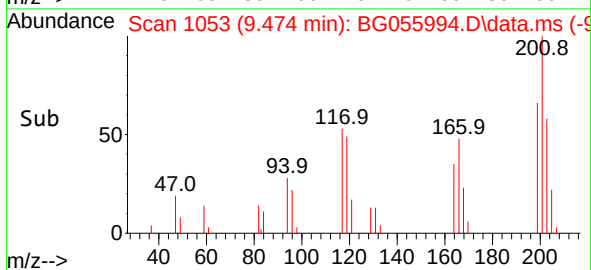
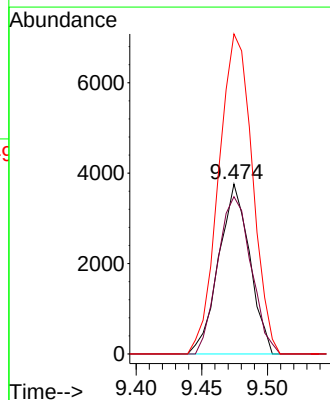
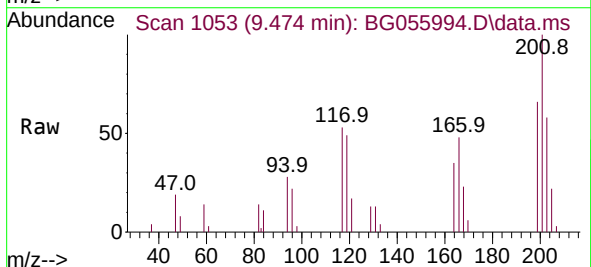
APPROVED

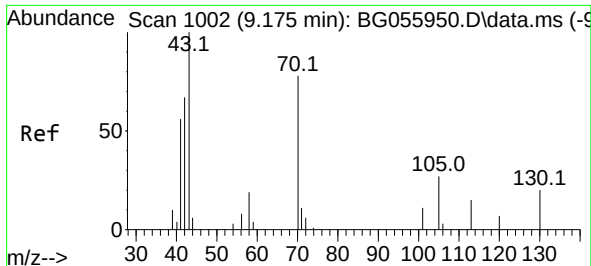
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#18
Hexachloroethane
Concen: 41.499 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:117 Resp: 6162
Ion Ratio Lower Upper
117 100
119 92.5 66.8 100.2
201 188.3 144.6 217.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.119 ng

RT: 9.175 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG055994.D

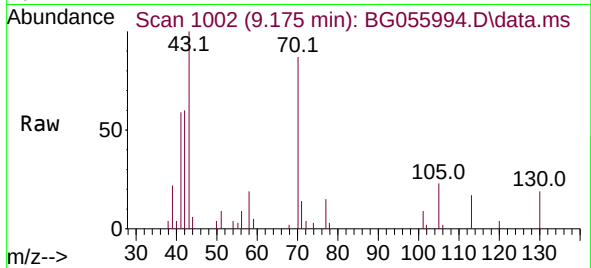
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS



Tgt Ion: 70 Resp: 1166

Ion Ratio Lower Upper

70 100

42 68.5 69.0 103.4

101 9.8 11.8 17.8

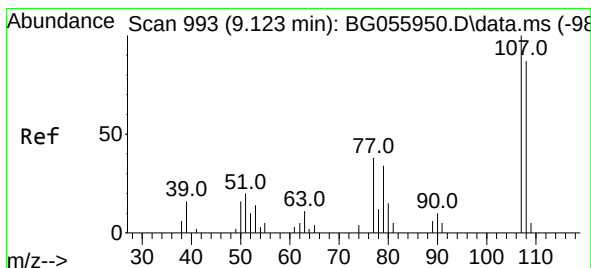
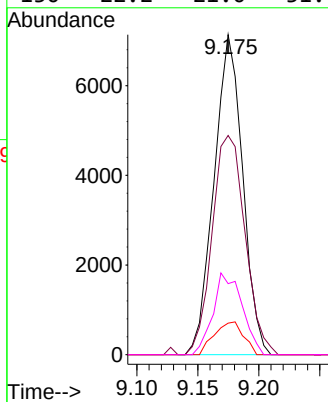
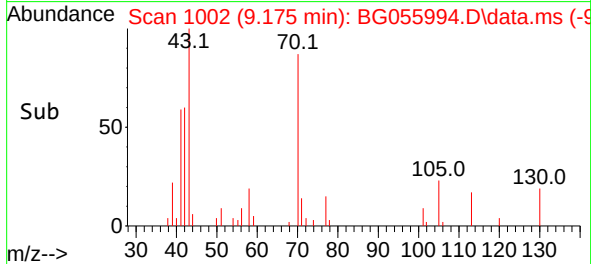
130 22.2 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#20

3+4-Methylphenols

Concen: 46.014 ng

RT: 9.128 min Scan# 994

Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Tgt Ion:107 Resp: 20857

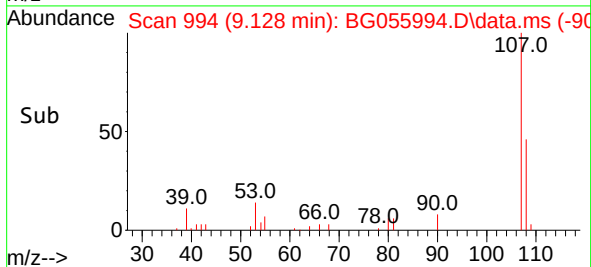
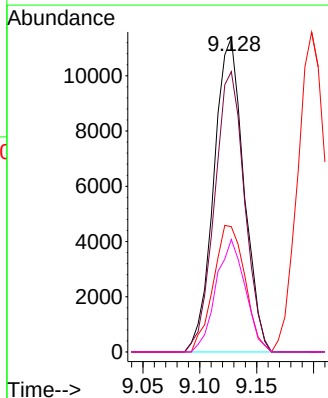
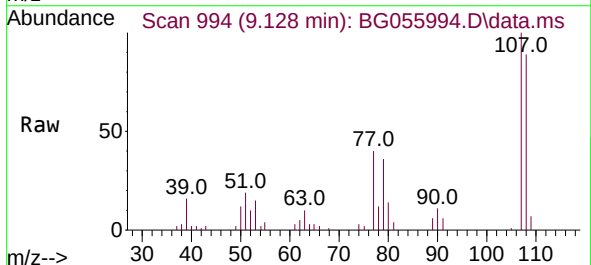
Ion Ratio Lower Upper

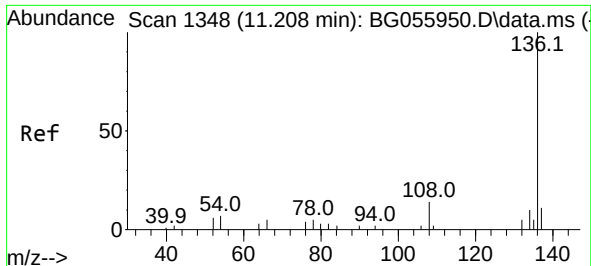
107 100

108 89.2 67.0 107.0

77 39.9 18.3 58.3

79 35.8 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

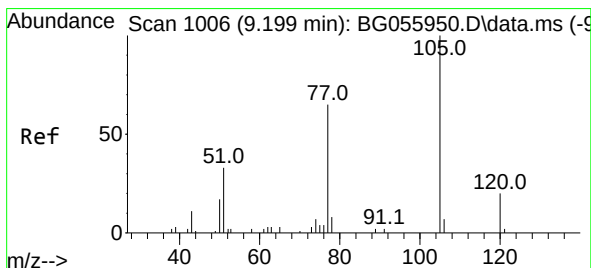
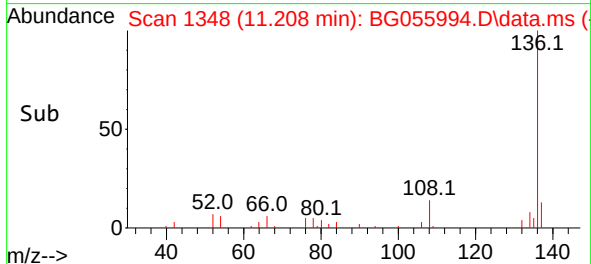
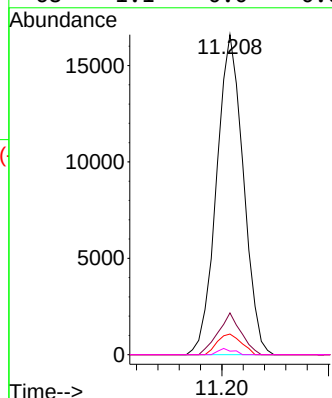
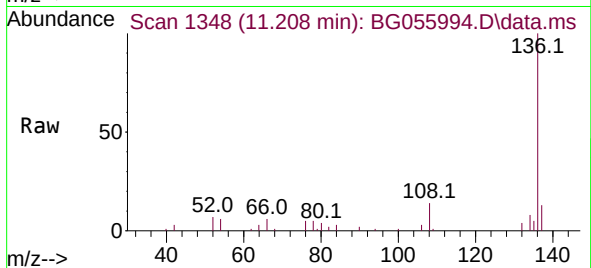
PB149627BS

Tgt Ion:136 Resp: 2893
Ion Ratio Lower Upper
136 100
137 13.0 9.2 13.8
54 6.5 5.6 8.4
68 1.1 0.0 0.0#

Manual Integrations

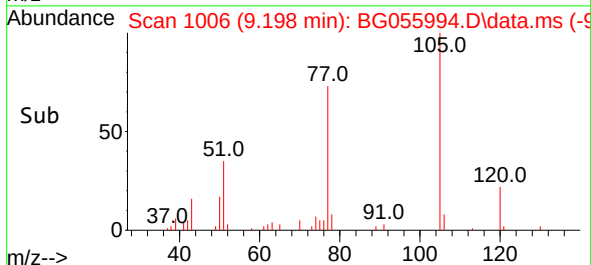
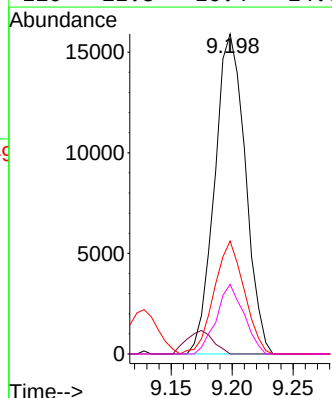
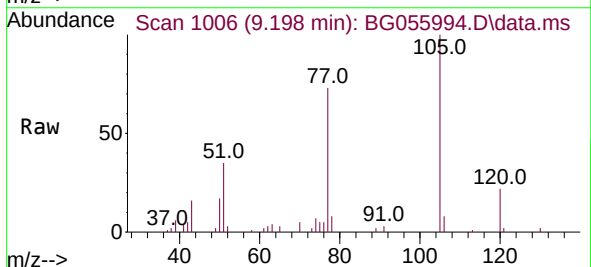
APPROVED

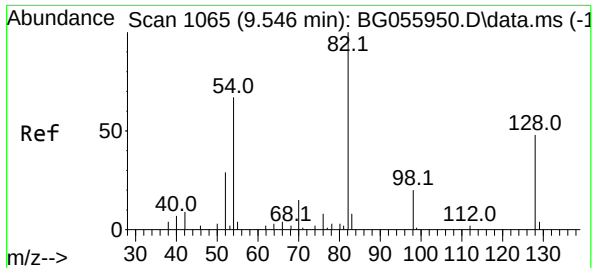
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#22
Acetophenone
Concen: 38.840 ng
RT: 9.198 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:105 Resp: 27857
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 35.3 26.7 40.1
120 21.8 16.4 24.6





#23

Nitrobenzene-d5

Concen: 79.026 ng

RT: 9.545 min Scan# 1065

Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

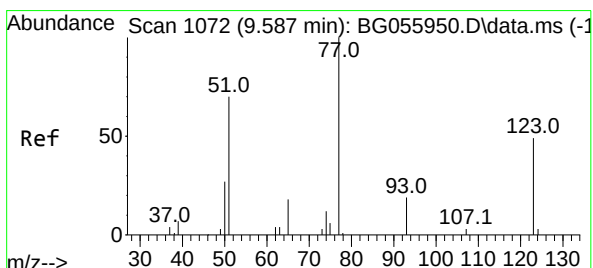
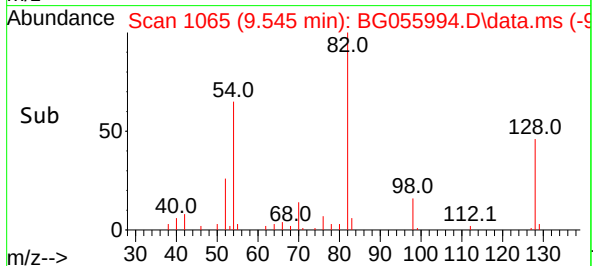
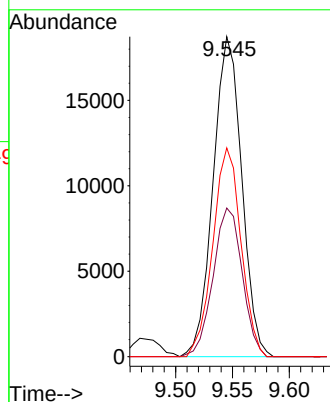
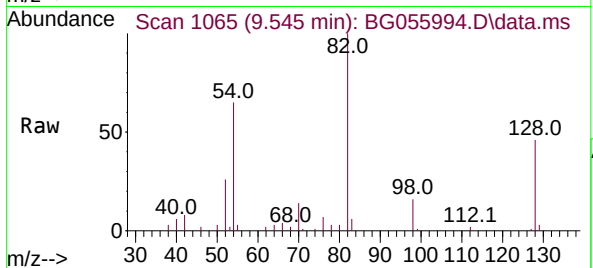
Tgt Ion: 82	Resp: 32719
Ion Ratio	Lower Upper
82 100	
128 46.4	38.4 57.6
54 65.3	53.3 79.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#24

Nitrobenzene

Concen: 42.533 ng

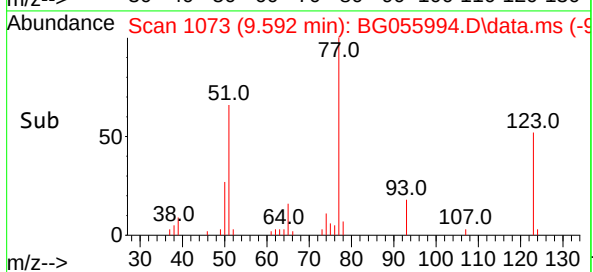
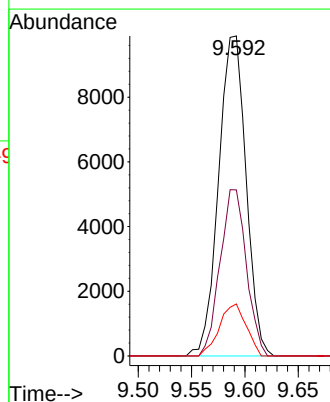
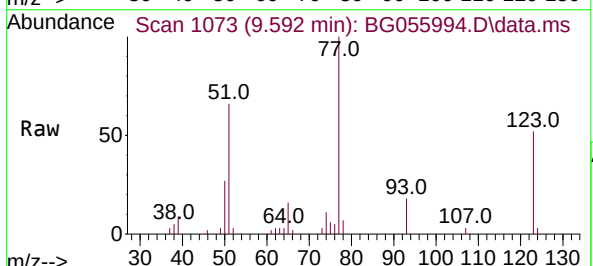
RT: 9.592 min Scan# 1073

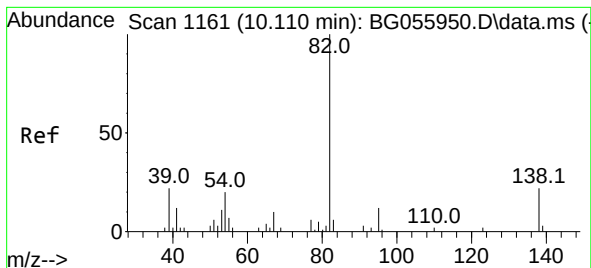
Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Tgt Ion: 77	Resp: 17725
Ion Ratio	Lower Upper
77 100	
123 51.9	38.9 58.3
65 16.3	14.7 22.1





#25

Isophorone

Concen: 39.796 ng

RT: 10.109 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

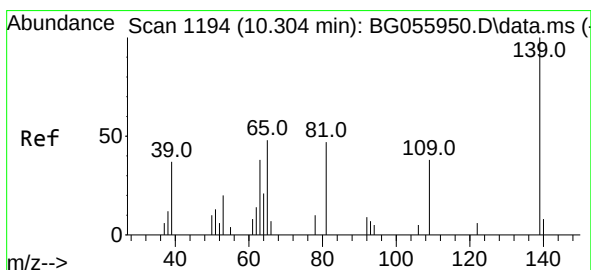
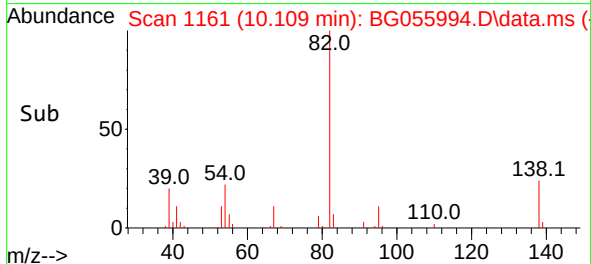
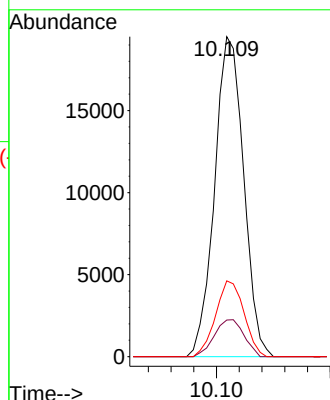
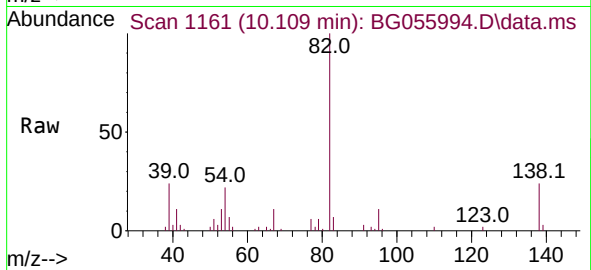
Tgt Ion:	82	Resp:	34550
Ion Ratio	Lower	Upper	
82	100		
95	11.4	9.4	14.0
138	23.7	17.7	26.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#26

2-Nitrophenol

Concen: 41.029 ng

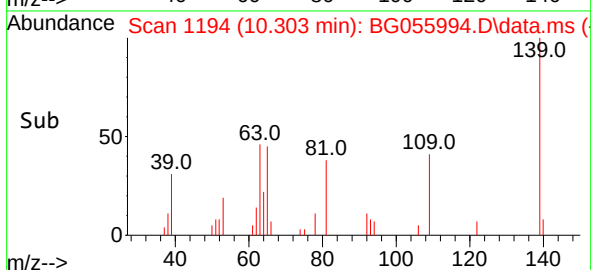
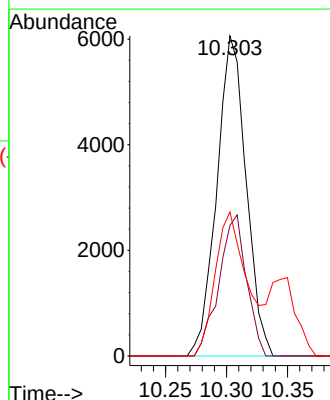
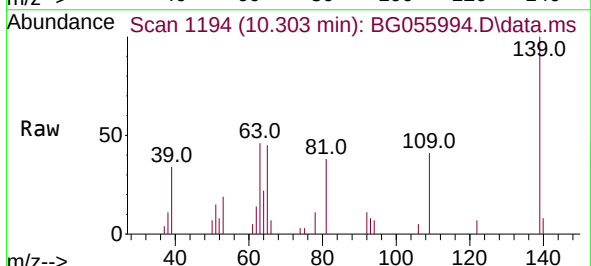
RT: 10.303 min Scan# 1194

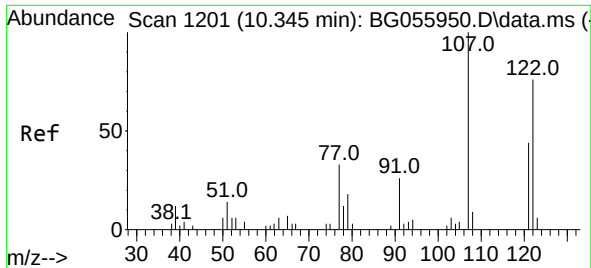
Delta R.T. -0.006 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Tgt Ion:	139	Resp:	10122
Ion Ratio	Lower	Upper	
139	100		
109	40.8	30.7	46.1
65	45.0	38.8	58.2





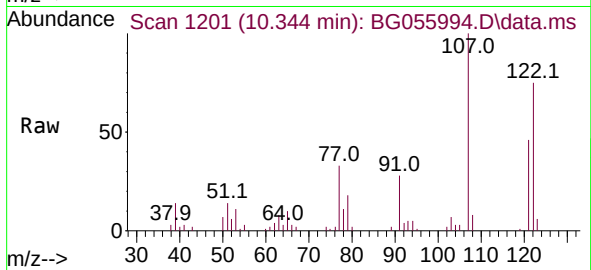
#27
2,4-Dimethylphenol
Concen: 47.753 ng m
RT: 10.344 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

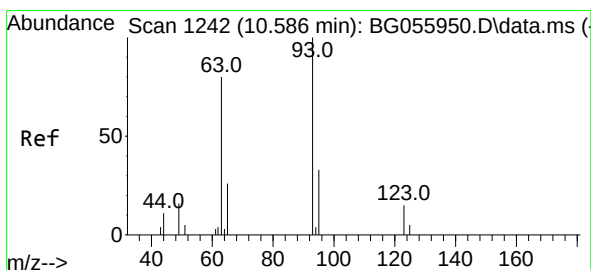
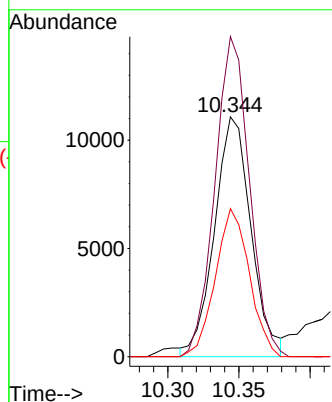
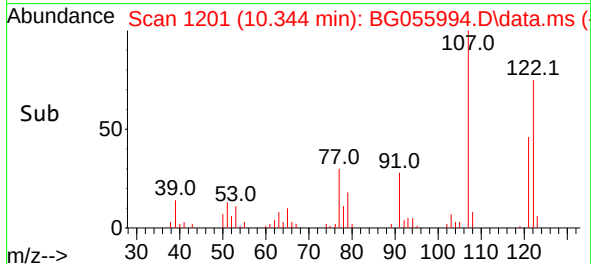


Tgt Ion:122 Resp: 1978
Ion Ratio Lower Upper
122 100
107 133.4 105.9 158.9
121 61.7 46.1 69.1

Manual Integrations

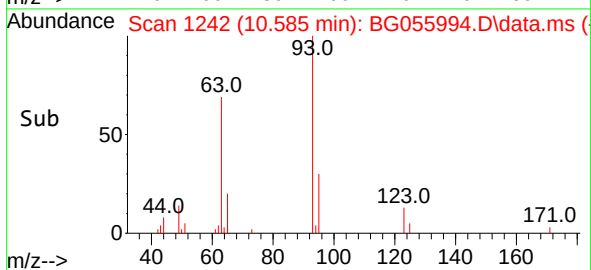
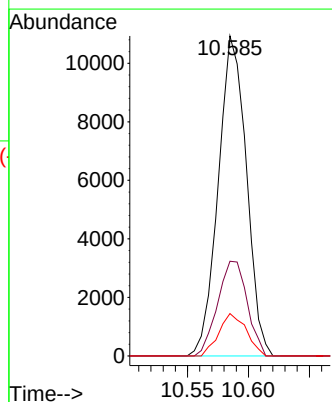
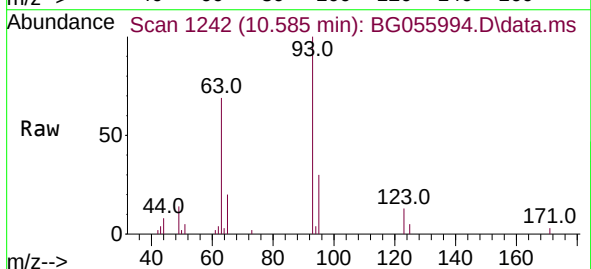
APPROVED

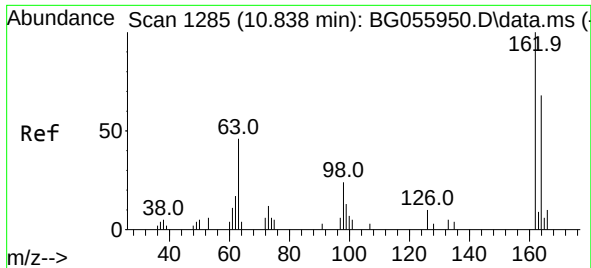
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.726 ng
RT: 10.585 min Scan# 1242
Delta R.T. -0.007 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion: 93 Resp: 17545
Ion Ratio Lower Upper
93 100
95 29.6 26.3 39.5
123 13.3 12.2 18.2





#29
2,4-Dichlorophenol
Concen: 42.449 ng
RT: 10.838 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

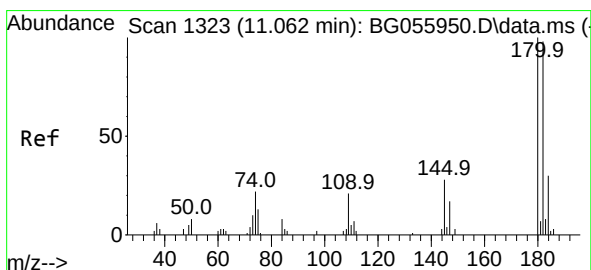
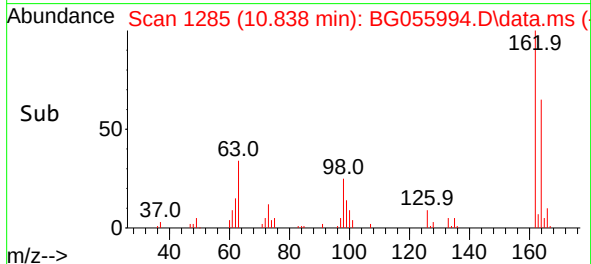
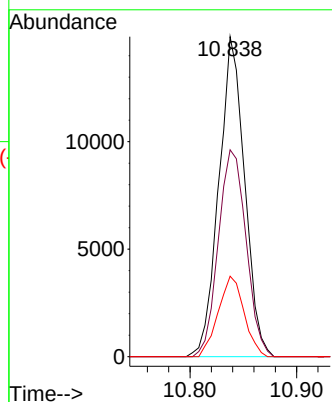
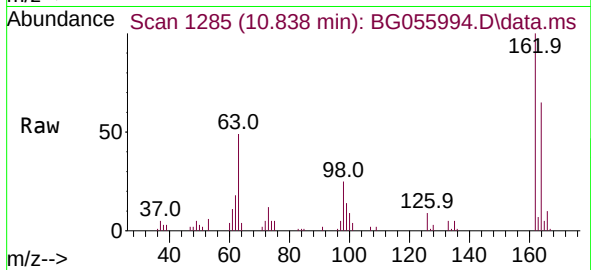
PB149627BS

Tgt Ion:162 Resp: 2496
Ion Ratio Lower Upper
162 100
164 64.6 47.5 87.5
98 25.2 4.3 44.3

Manual Integrations

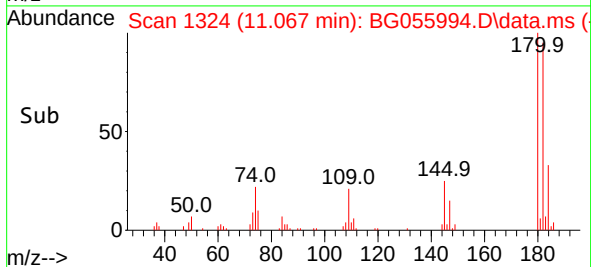
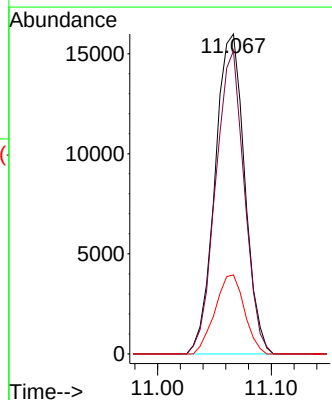
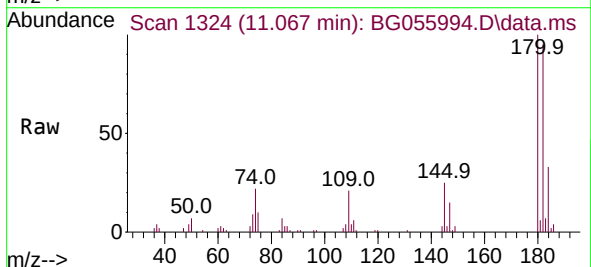
APPROVED

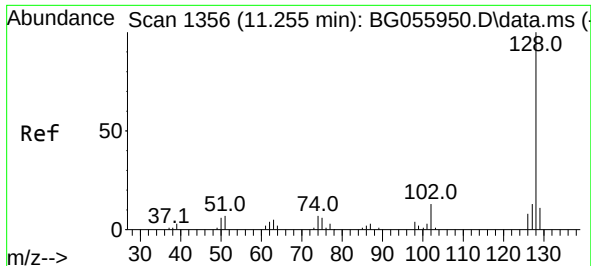
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#30
1,2,4-Trichlorobenzene
Concen: 37.749 ng
RT: 11.067 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:180 Resp: 28857
Ion Ratio Lower Upper
180 100
182 94.8 78.1 117.1
145 24.7 22.4 33.6





#31
Naphthalene
Concen: 38.089 ng
RT: 11.261 min Scan# 1121
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

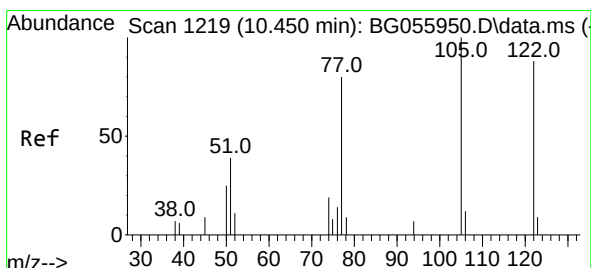
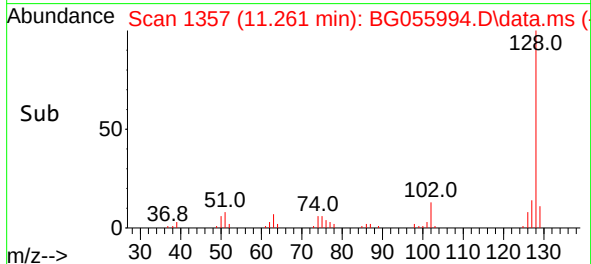
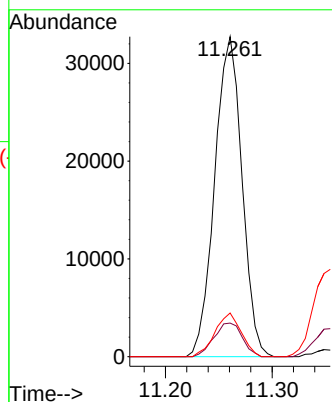
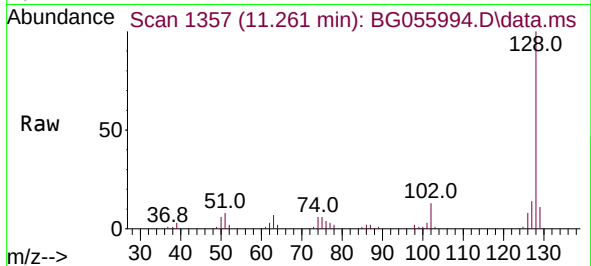
ClientSampleId :

PB149627BS

Tgt Ion:128 Resp: 58149
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.6 10.3 15.5

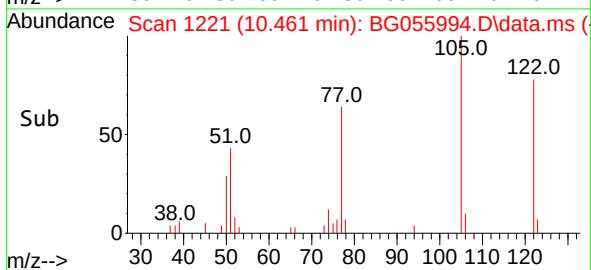
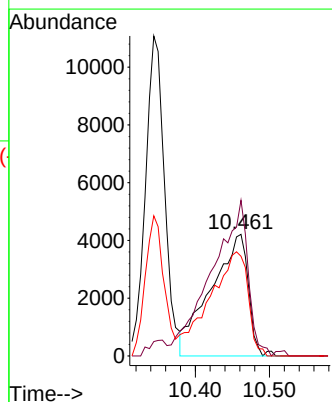
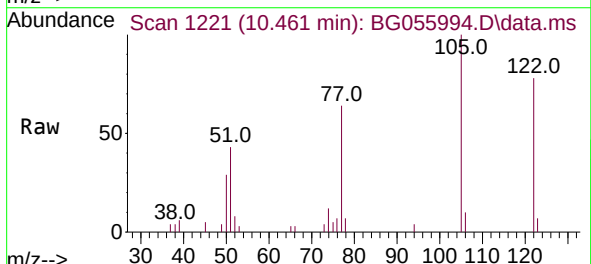
Manual Integrations
APPROVED

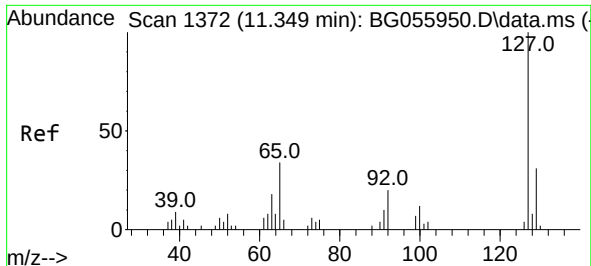
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#32
Benzoic acid
Concen: 42.134 ng
RT: 10.461 min Scan# 1221
Delta R.T. 0.005 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:122 Resp: 14694
Ion Ratio Lower Upper
122 100
105 128.0 90.6 130.6
77 82.0 61.0 101.0





#33
4-Chloroaniline
Concen: 25.542 ng
RT: 11.355 min Scan# 11355
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

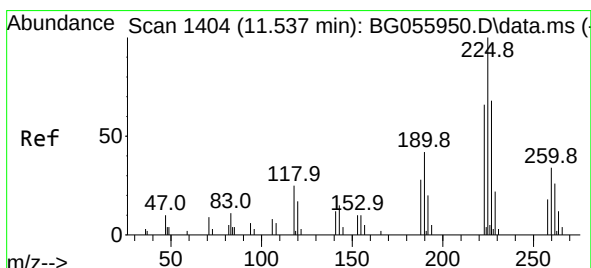
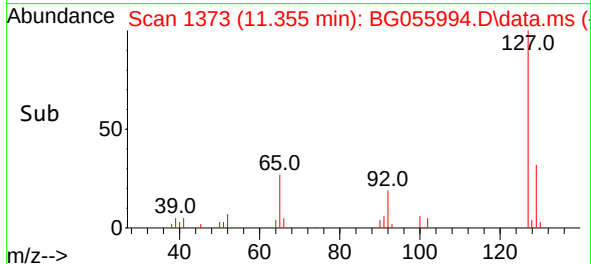
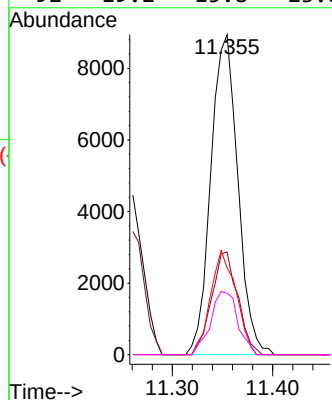
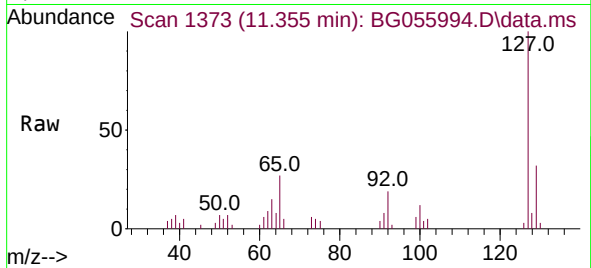
PB149627BS

Tgt Ion:127 Resp: 16710
Ion Ratio Lower Upper
127 100
129 32.1 24.5 36.7
65 27.1 27.1 40.7
92 19.2 15.8 23.8

Manual Integrations

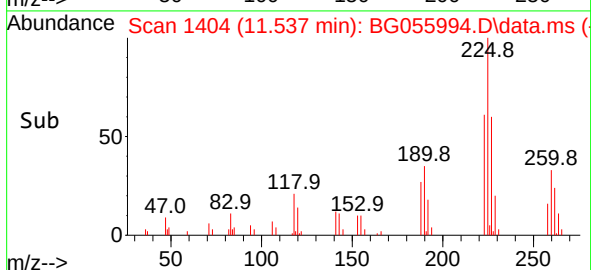
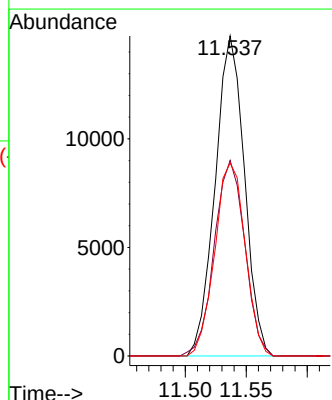
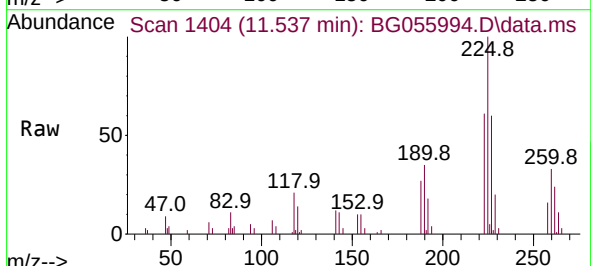
APPROVED

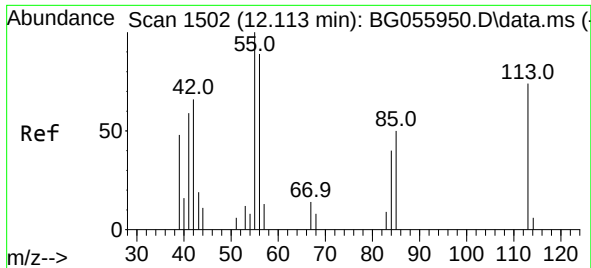
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#34
Hexachlorobutadiene
Concen: 34.357 ng
RT: 11.537 min Scan# 1404
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:225 Resp: 24692
Ion Ratio Lower Upper
225 100
223 61.1 53.2 79.8
227 60.3 54.7 82.1





#35
 Caprolactam
 Concen: 42.723 ng m
 RT: 12.112 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BG055994.D
 Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

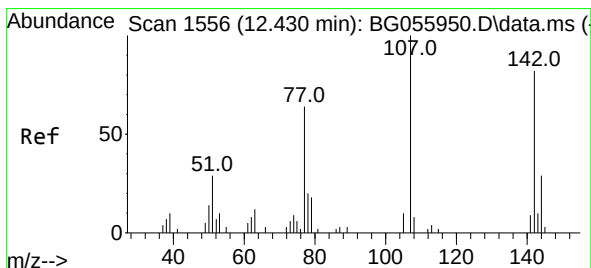
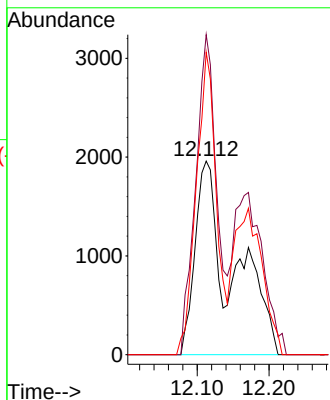
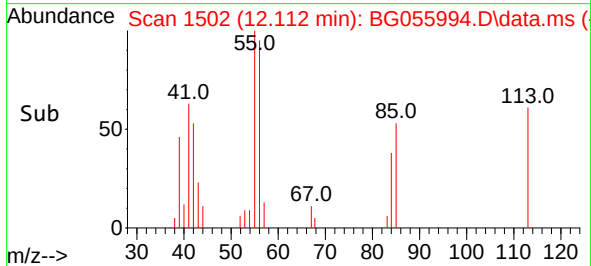
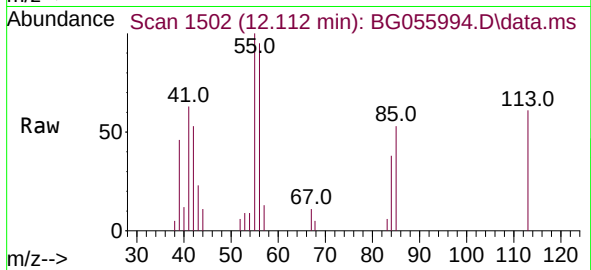
PB149627BS

Tgt Ion:113 Resp: 7000
 Ion Ratio Lower Upper
 113 100
 55 165.3 114.8 154.8
 56 156.2 99.8 139.8

Manual Integrations

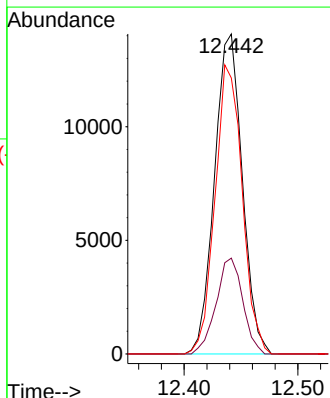
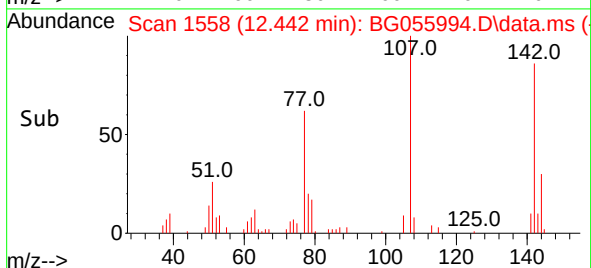
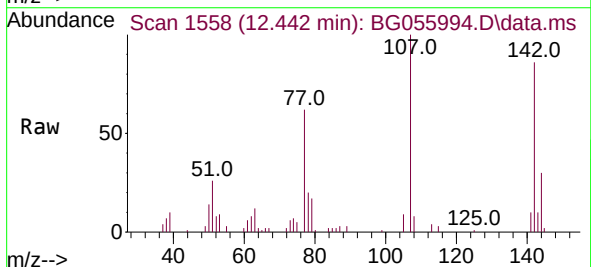
APPROVED

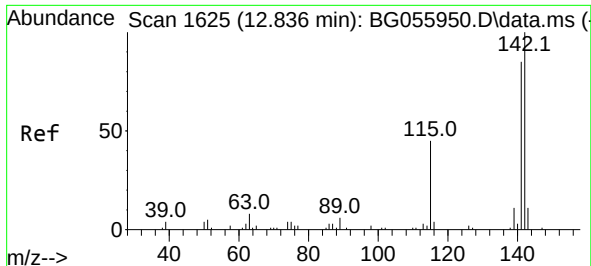
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.362 ng
 RT: 12.442 min Scan# 1558
 Delta R.T. -0.001 min
 Lab File: BG055994.D
 Acq: 16 Dec 2022 14:51

Tgt Ion:107 Resp: 23911
 Ion Ratio Lower Upper
 107 100
 144 30.0 23.3 34.9
 142 86.3 65.6 98.4





#37
2-Methylnaphthalene
Concen: 37.594 ng
RT: 12.835 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

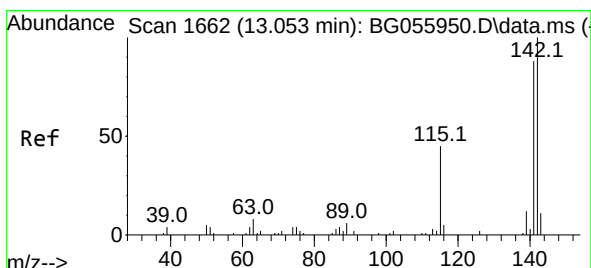
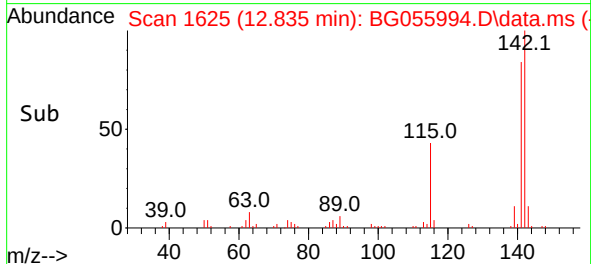
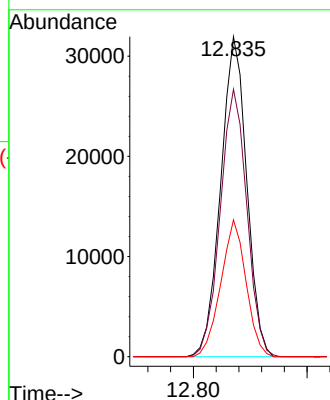
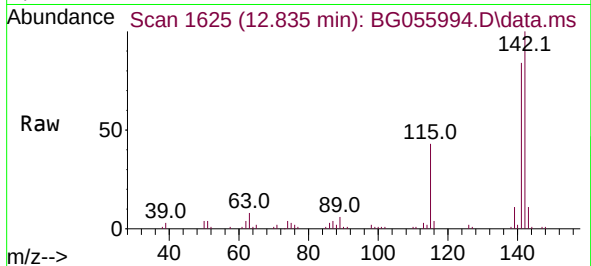
PB149627BS

Tgt Ion:142 Resp: 50700
Ion Ratio Lower Upper
142 100
141 83.6 67.8 101.6
115 42.7 35.7 53.5

Manual Integrations

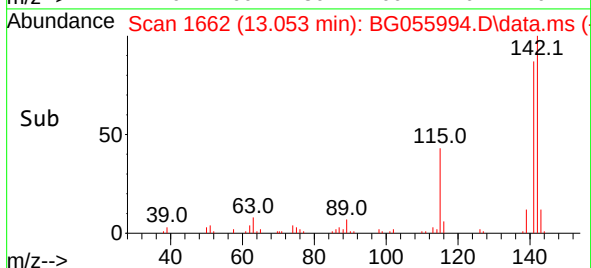
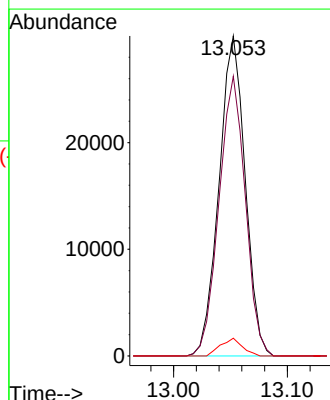
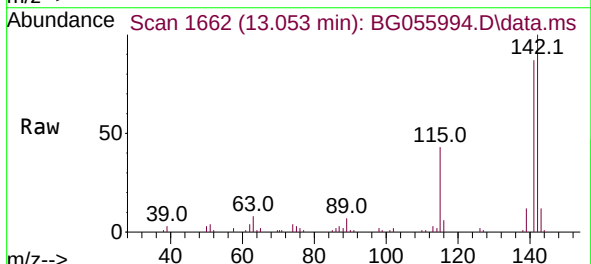
APPROVED

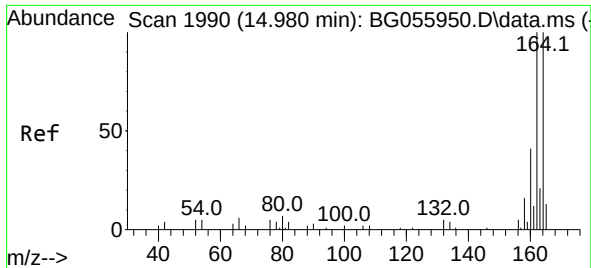
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#38
1-Methylnaphthalene
Concen: 36.440 ng
RT: 13.053 min Scan# 1662
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:142 Resp: 47881
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.2
116 5.6 3.8 5.8





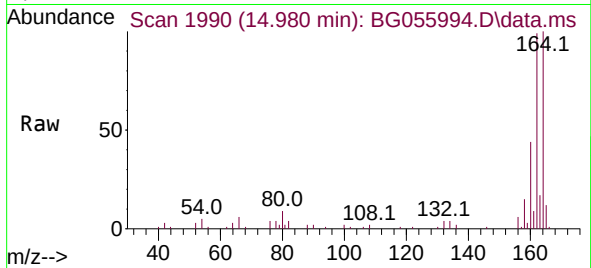
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.980 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS



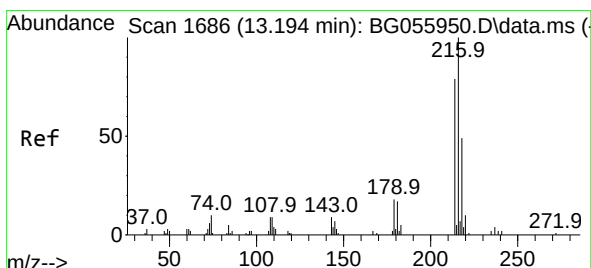
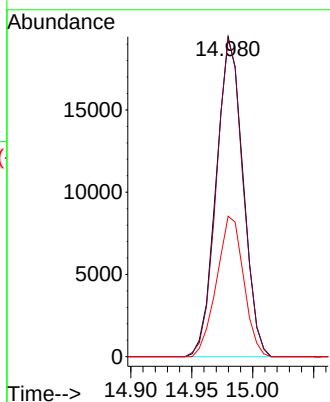
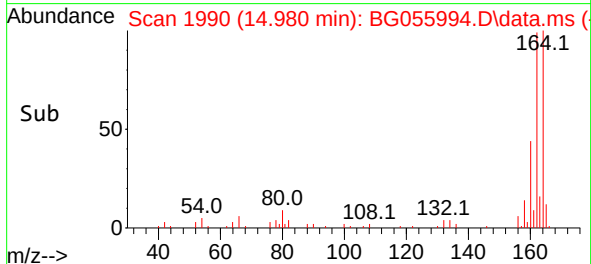
Tgt Ion:164 Resp: 29779
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 43.9 33.0 49.4

Manual Integrations

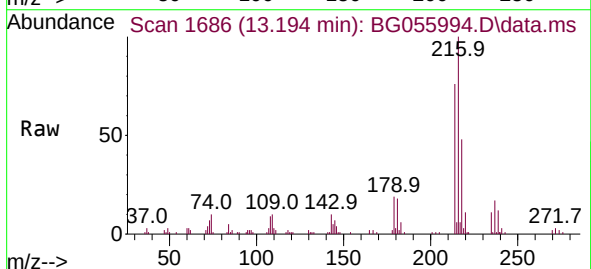
APPROVED

Reviewed By :Yogesh Patel 12/19/2022

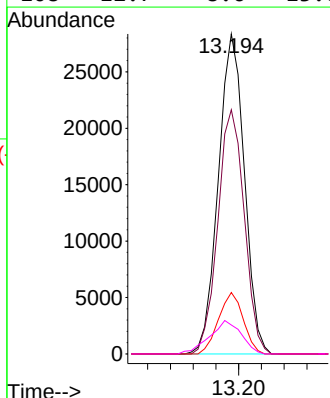
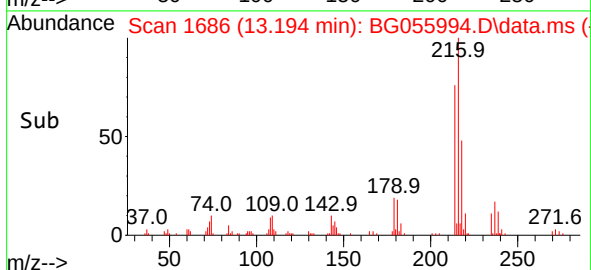
Supervised By :mohammad ahmed 12/19/2022

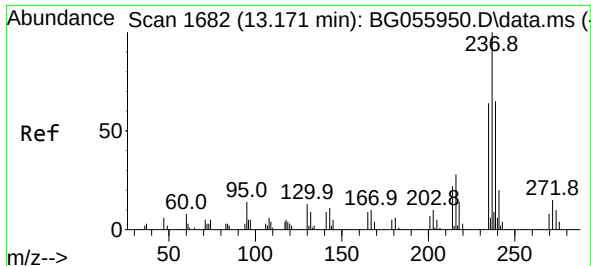


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.885 ng
RT: 13.194 min Scan# 1686
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:216 Resp: 45087
Ion Ratio Lower Upper
216 100
214 77.4 61.5 92.3
179 18.2 14.6 21.8
108 12.7 8.6 13.0





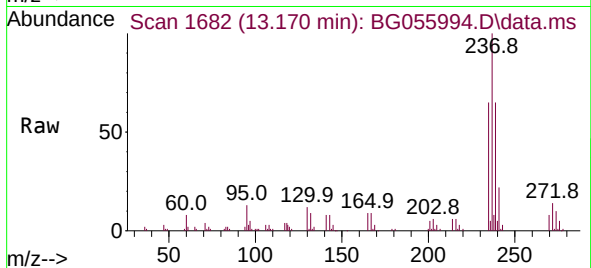
#41
Hexachlorocyclopentadiene
Concen: 85.834 ng
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

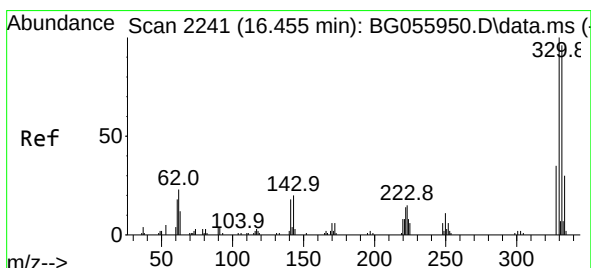
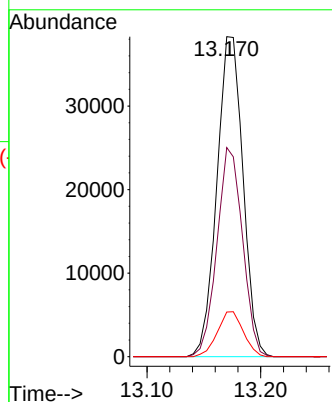


Tgt Ion:237 Resp: 6118
Ion Ratio Lower Upper
237 100
235 65.4 43.7 83.7
272 13.9 0.0 35.1

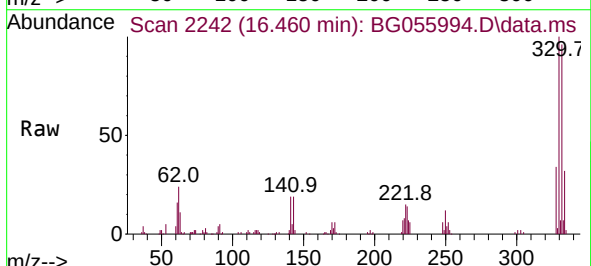
Manual Integrations

APPROVED

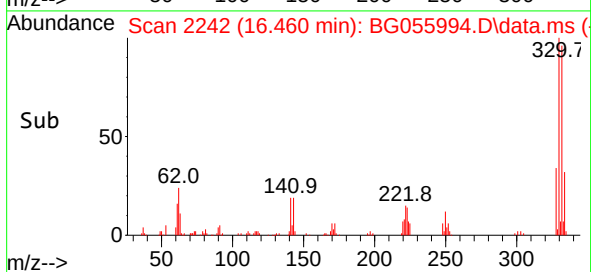
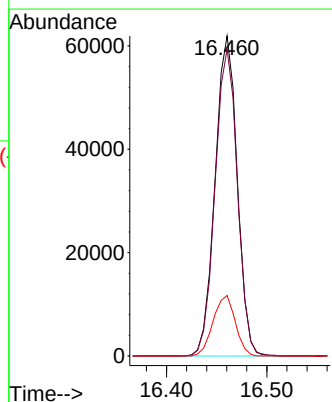
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

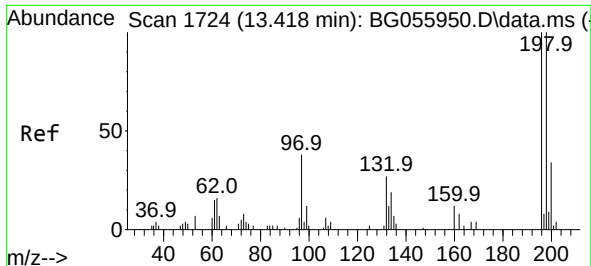


#42
2,4,6-Tribromophenol
Concen: 131.960 ng
RT: 16.460 min Scan# 2242
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:330 Resp: 94755
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 18.9 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 39.937 ng
RT: 13.423 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

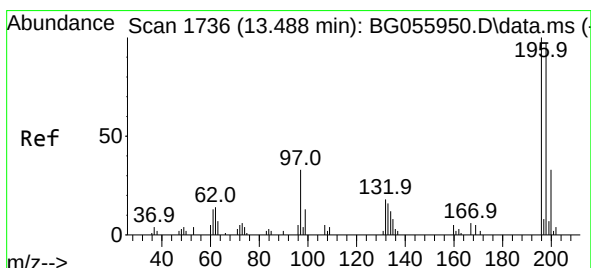
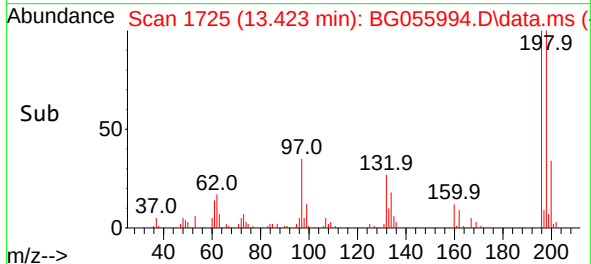
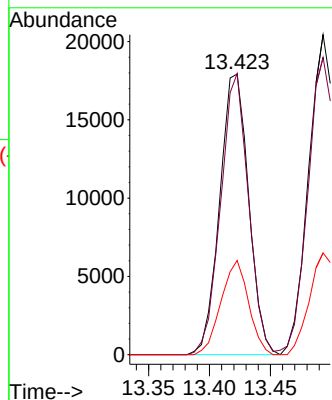
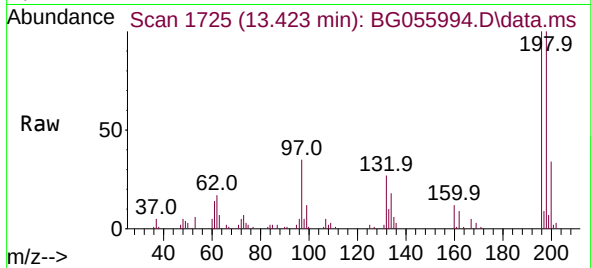
PB149627BS

Tgt Ion:196 Resp: 2970
Ion Ratio Lower Upper
196 100
198 100.2 80.2 120.4
200 33.6 27.6 41.4

Manual Integrations

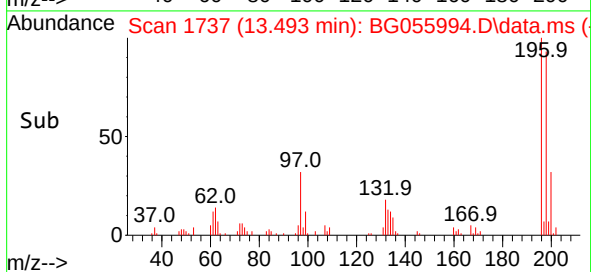
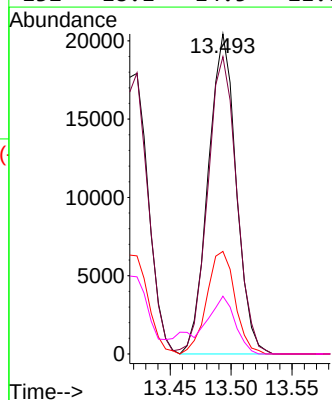
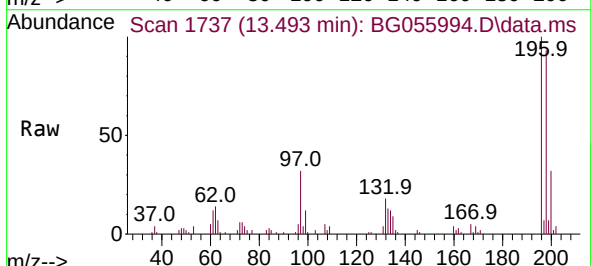
APPROVED

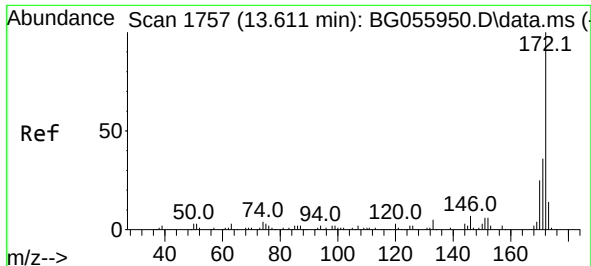
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#44
2,4,5-Trichlorophenol
Concen: 38.933 ng
RT: 13.493 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

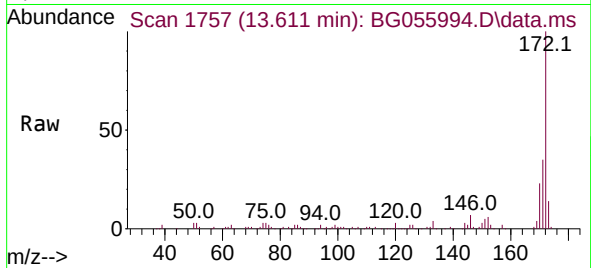
Tgt Ion:196 Resp: 32641
Ion Ratio Lower Upper
196 100
198 92.9 78.0 117.0
97 32.1 26.0 39.0
132 18.1 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 68.046 ng
RT: 13.611 min Scan# 1757
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

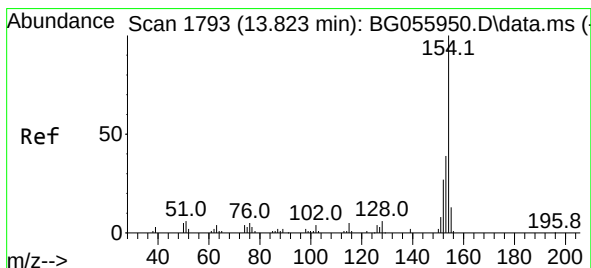
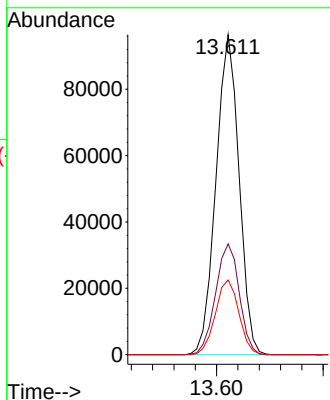
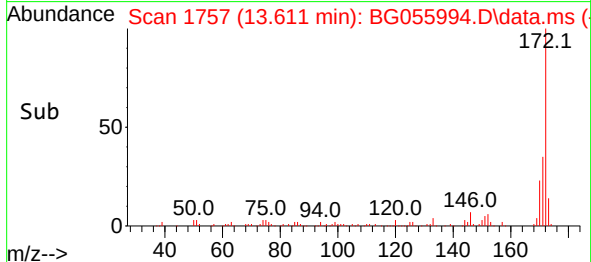
Instrument :
BNA_G
ClientSampleId :
PB149627BS



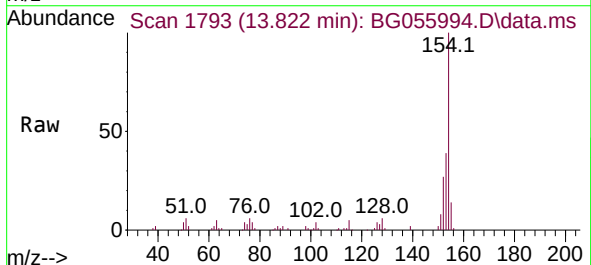
Tgt Ion:172 Resp: 14448
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.3 19.9 29.9

Manual Integrations
APPROVED

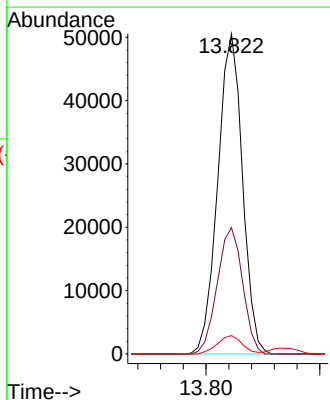
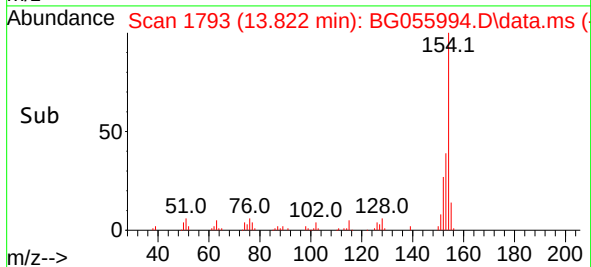
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

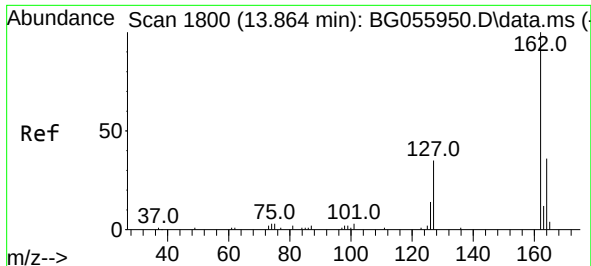


#46
1,1'-Biphenyl
Concen: 37.692 ng
RT: 13.822 min Scan# 1793
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:154 Resp: 76081
Ion Ratio Lower Upper
154 100
153 39.4 19.5 59.5
76 5.7 0.0 25.5





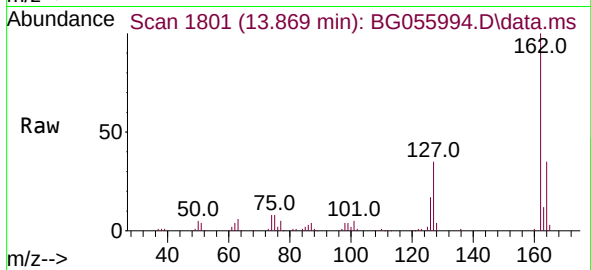
#47
2-Chloronaphthalene
Concen: 36.346 ng
RT: 13.869 min Scan# 1801
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

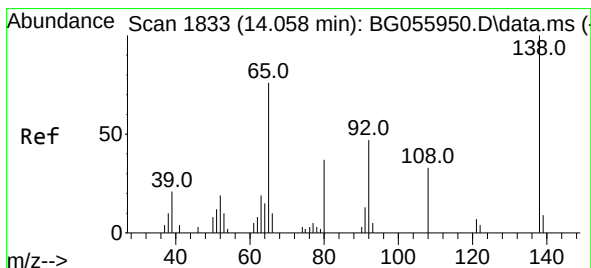
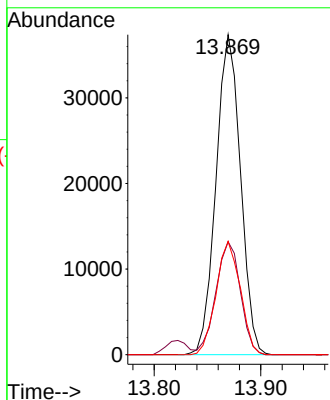
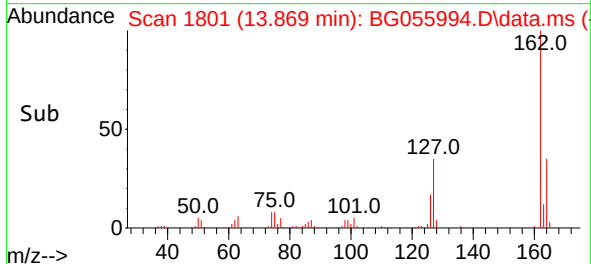


Tgt Ion:162 Resp: 5961
Ion Ratio Lower Upper
162 100
127 35.3 31.0 46.4
164 35.4 28.6 42.8

Manual Integrations

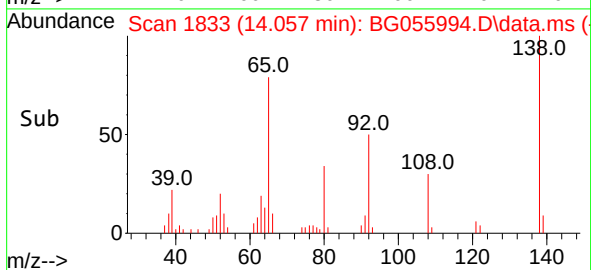
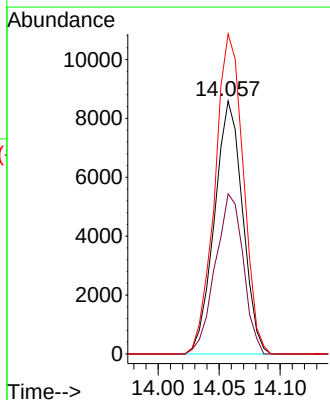
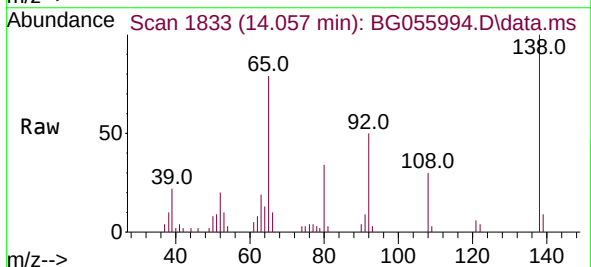
APPROVED

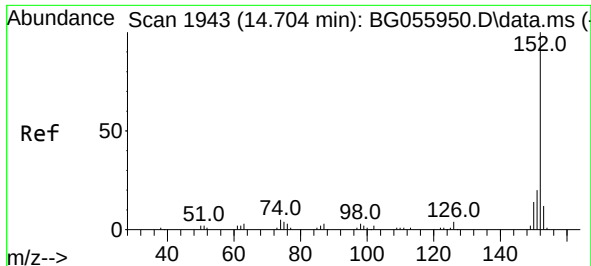
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#48
2-Nitroaniline
Concen: 42.922 ng
RT: 14.057 min Scan# 1833
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion: 65 Resp: 13775
Ion Ratio Lower Upper
65 100
92 63.3 49.7 74.5
138 126.5 105.0 157.6





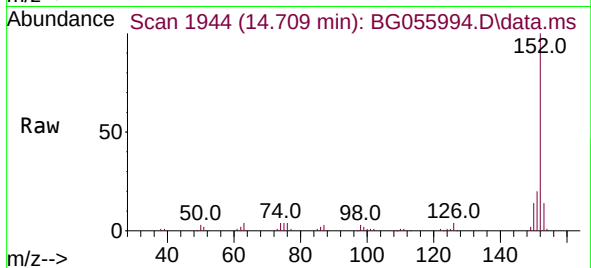
#49
Acenaphthylene
Concen: 37.227 ng
RT: 14.709 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

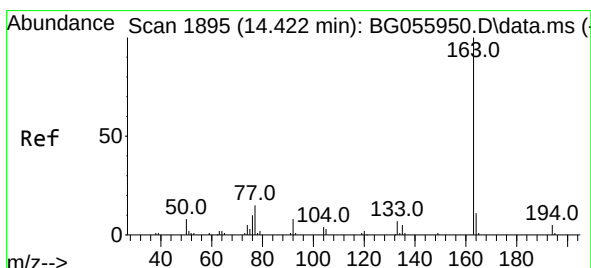
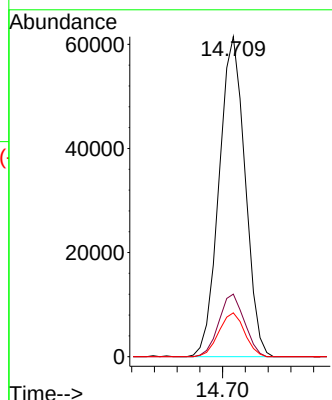
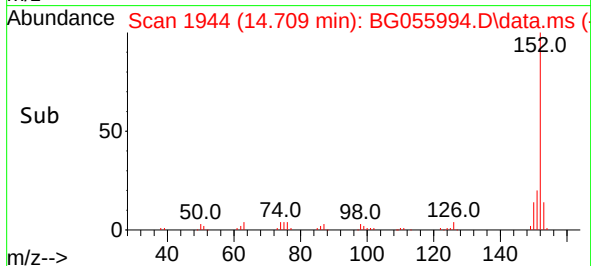


Tgt Ion:152 Resp: 97458
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.7 10.0 15.0

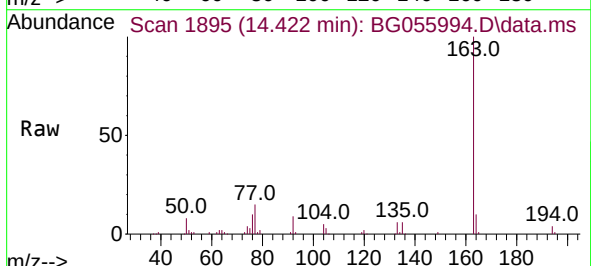
Manual Integrations

APPROVED

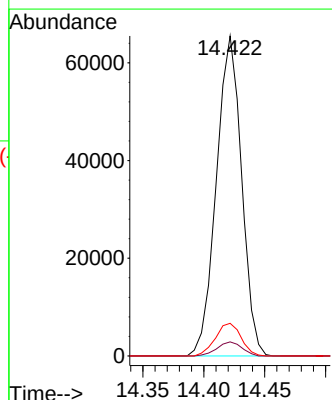
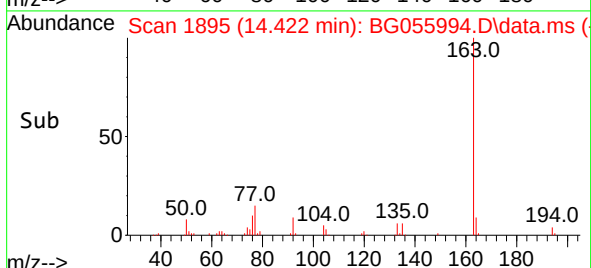
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

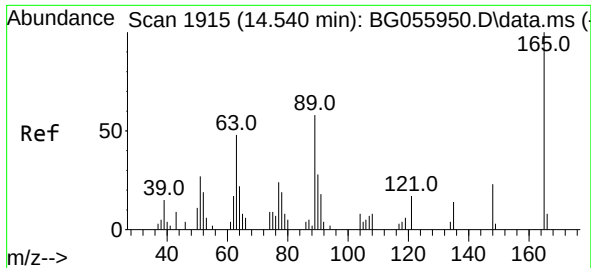


#50
Dimethylphthalate
Concen: 36.698 ng
RT: 14.422 min Scan# 1895
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:163 Resp: 94481
Ion Ratio Lower Upper
163 100
194 4.4 3.8 5.6
164 10.2 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 44.120 ng
RT: 14.545 min Scan# 1915
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

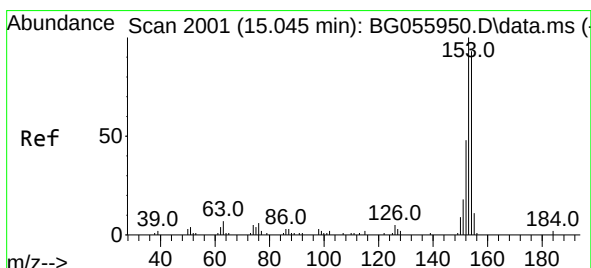
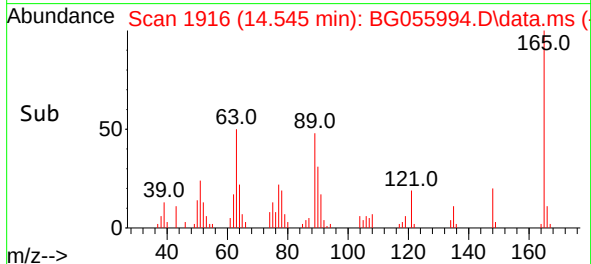
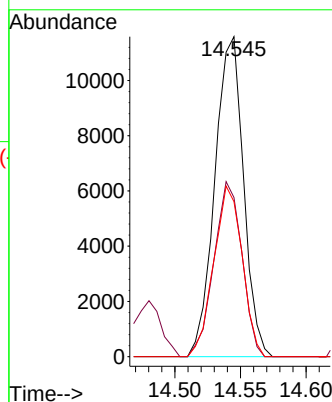
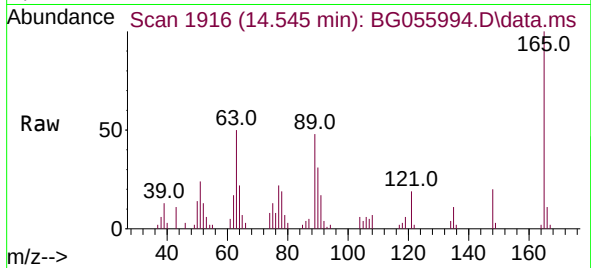
PB149627BS

Tgt Ion:165 Resp: 17578
Ion Ratio Lower Upper
165 100
63 49.7 38.3 57.5
89 48.5 46.3 69.5

Manual Integrations

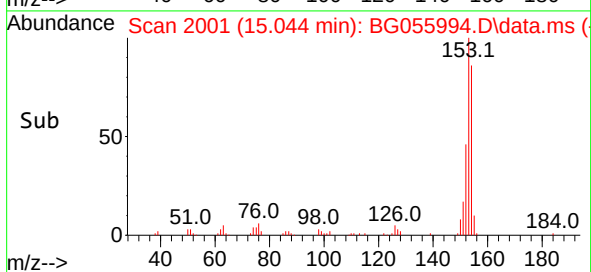
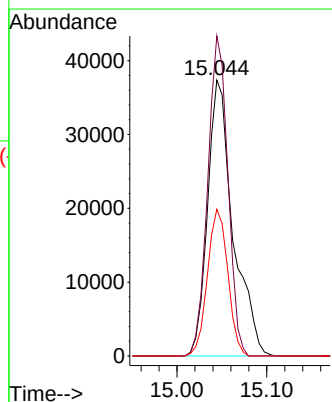
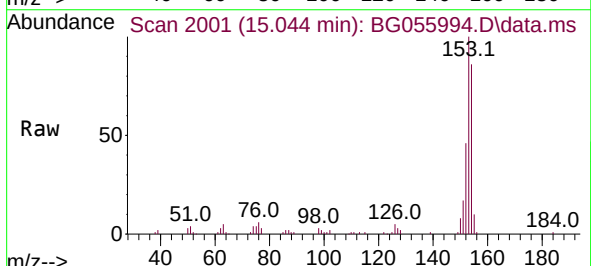
APPROVED

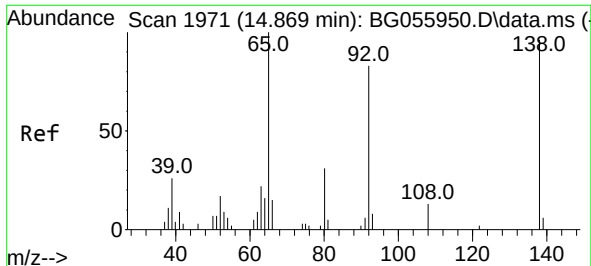
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#52
Acenaphthene
Concen: 41.925 ng
RT: 15.044 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:154 Resp: 73683
Ion Ratio Lower Upper
154 100
153 116.0 86.2 129.2
152 53.2 41.4 62.0





#53
3-Nitroaniline
Concen: 31.188 ng
RT: 14.868 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

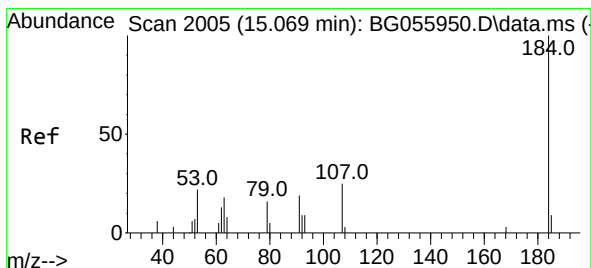
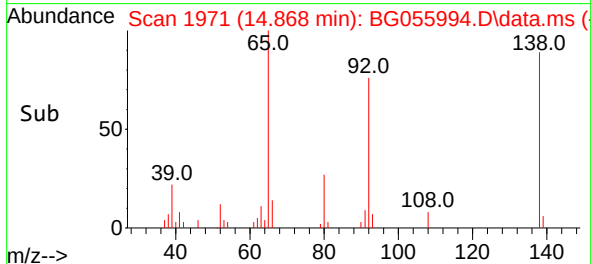
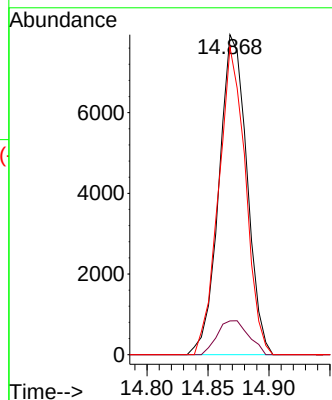
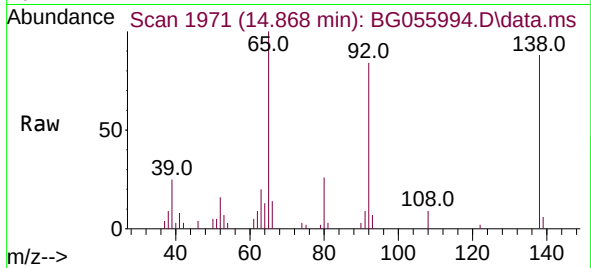
ClientSampleId :

PB149627BS

Tgt Ion:138 Resp: 12639
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3#
92 96.2 69.4 104.0

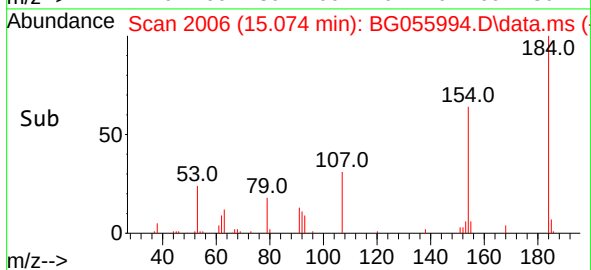
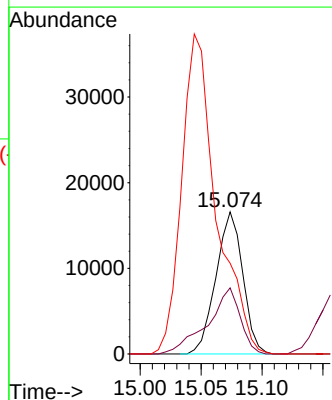
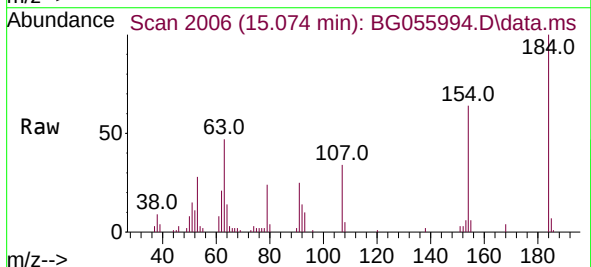
Manual Integrations
APPROVED

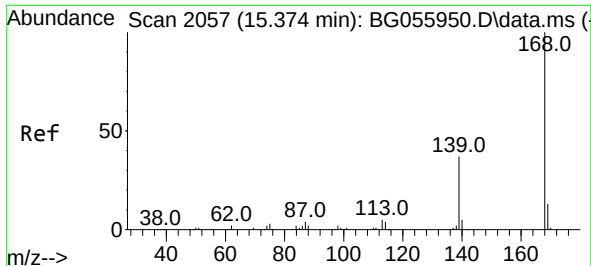
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#54
2,4-Dinitrophenol
Concen: 85.777 ng
RT: 15.074 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

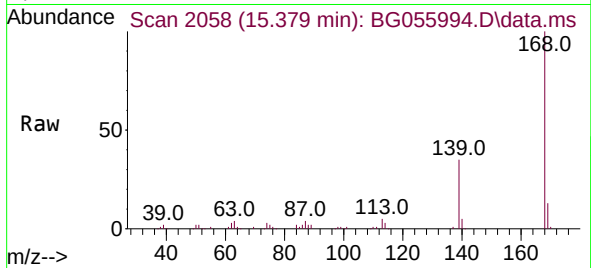
Tgt Ion:184 Resp: 25406
Ion Ratio Lower Upper
184 100
63 46.6 23.0 34.4#
154 63.9 67.0 100.4#





#55
Dibenzofuran
Concen: 37.436 ng
RT: 15.379 min Scan# 2057
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

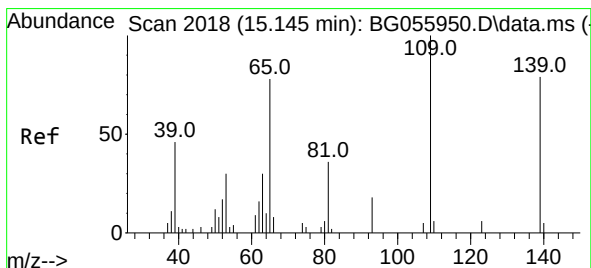
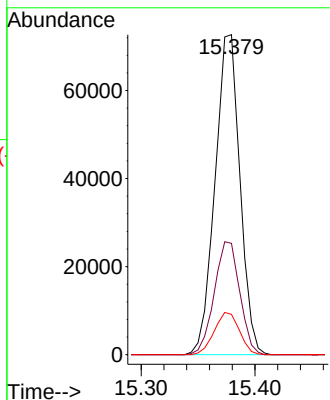
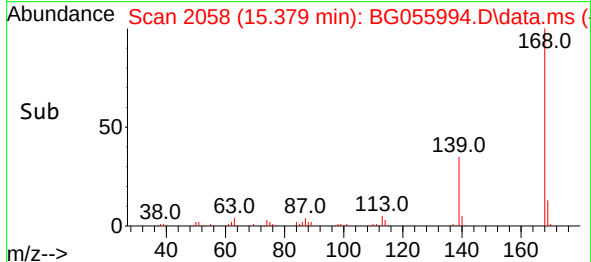
Instrument :
BNA_G
ClientSampleId :
PB149627BS



Tgt Ion:168 Resp: 110640
Ion Ratio Lower Upper
168 100
139 34.8 29.8 44.8
169 12.6 10.6 16.0

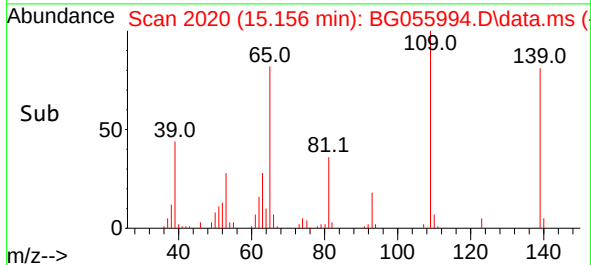
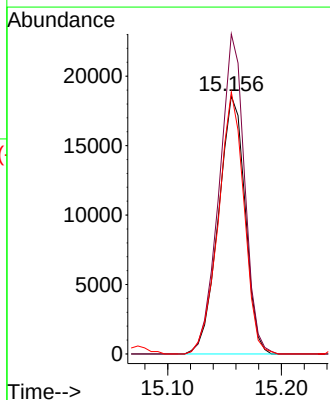
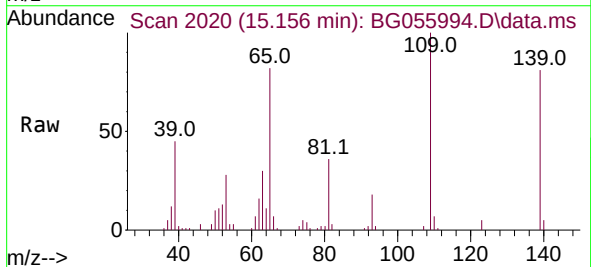
Manual Integrations
APPROVED

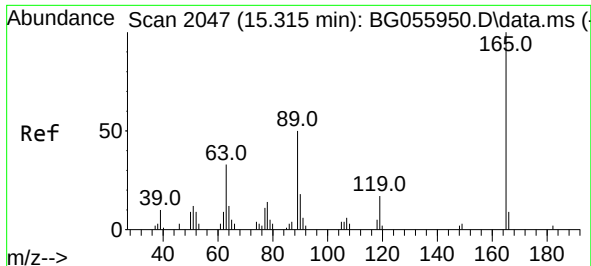
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#56
4-Nitrophenol
Concen: 92.707 ng
RT: 15.156 min Scan# 2020
Delta R.T. 0.005 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:139 Resp: 30106
Ion Ratio Lower Upper
139 100
109 124.1 106.7 146.7
65 101.6 79.2 119.2





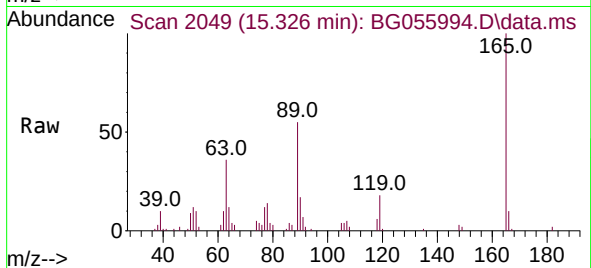
#57
2,4-Dinitrotoluene
Concen: 44.099 ng
RT: 15.326 min Scan# 2049
Delta R.T. 0.005 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

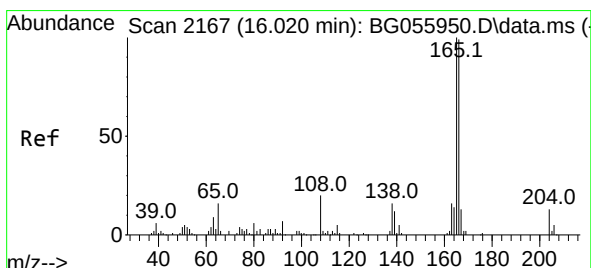
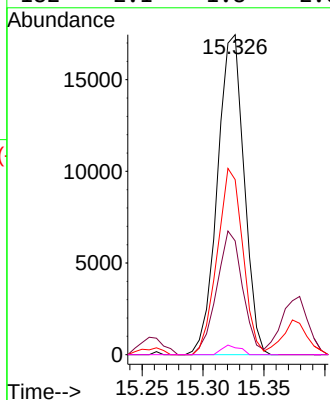
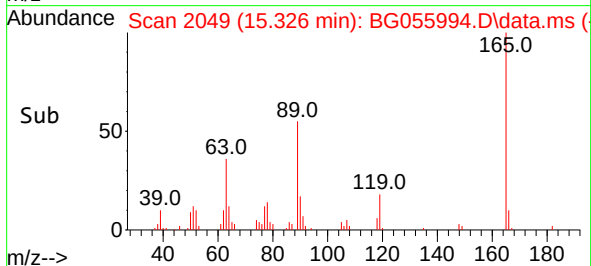


Tgt Ion:165 Resp: 2652
Ion Ratio Lower Upper
165 100
63 35.5 26.6 39.8
89 54.7 40.1 60.1
182 2.1 1.8 2.6

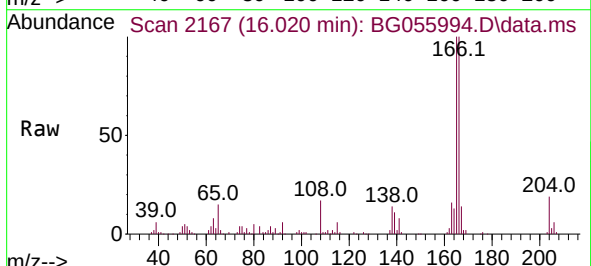
Manual Integrations

APPROVED

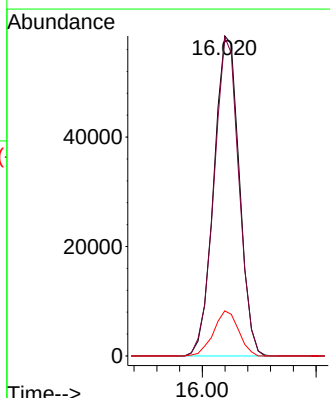
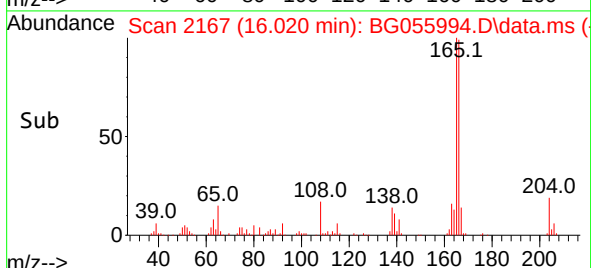
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

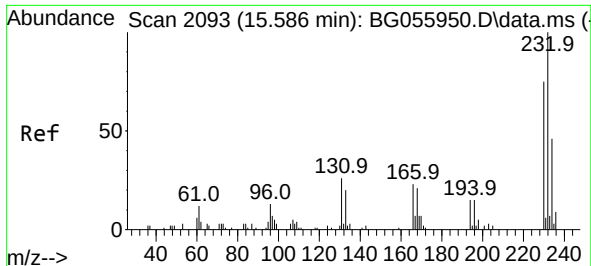


#58
Fluorene
Concen: 37.504 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:166 Resp: 90606
Ion Ratio Lower Upper
166 100
165 99.6 81.1 121.7
167 14.1 10.5 15.7





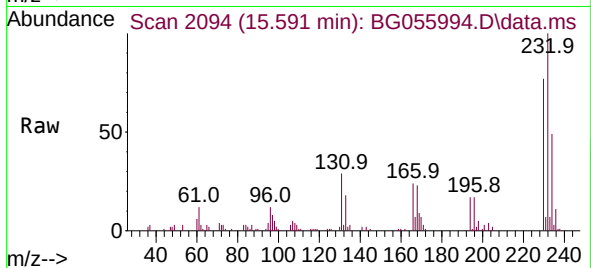
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.392 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

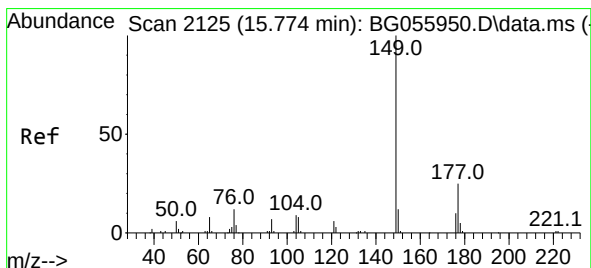
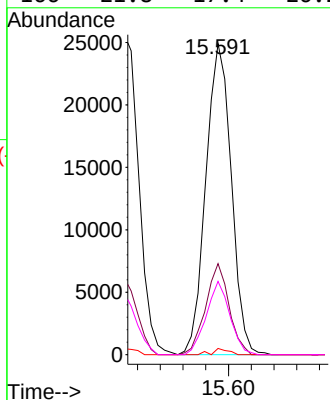
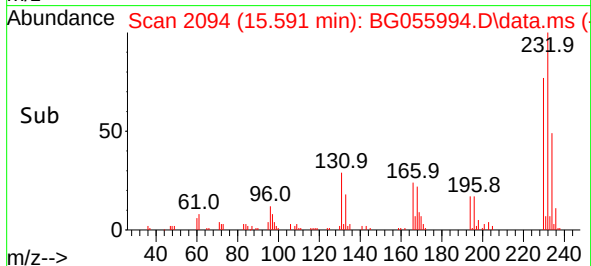


Tgt Ion:232 Resp: 3868
Ion Ratio Lower Upper
232 100
131 26.9 20.7 31.1
130 1.2 1.2 1.8
166 21.8 17.4 26.2

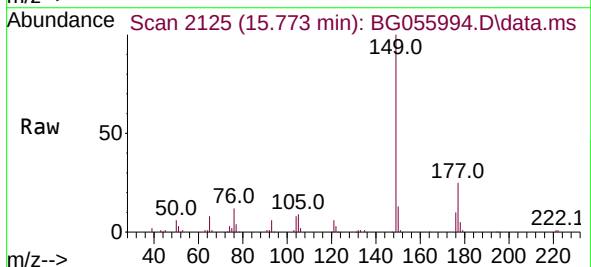
Manual Integrations

APPROVED

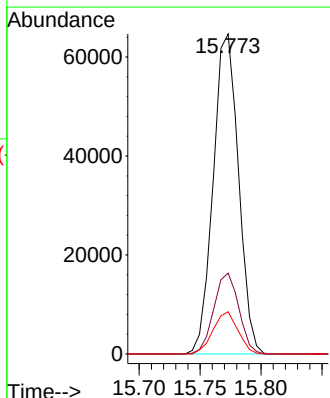
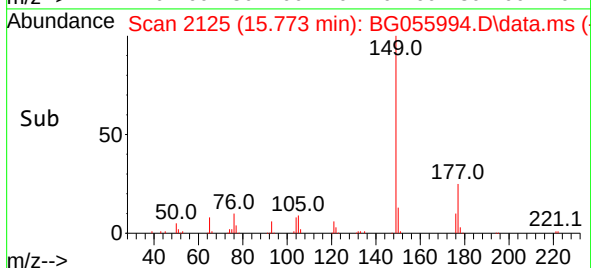
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

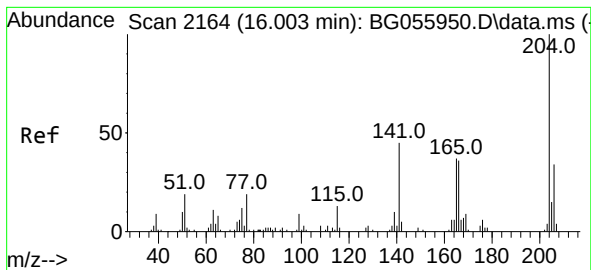


#60
Diethylphthalate
Concen: 37.072 ng
RT: 15.773 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:149 Resp: 93288
Ion Ratio Lower Upper
149 100
177 25.2 19.7 29.5
150 13.2 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 37.578 ng
RT: 16.002 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

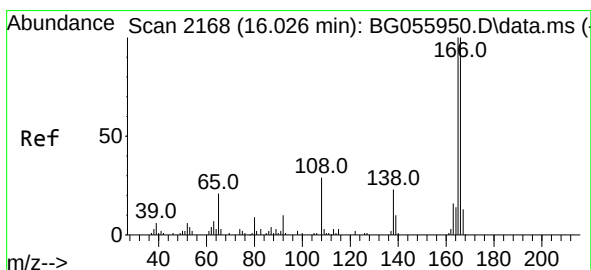
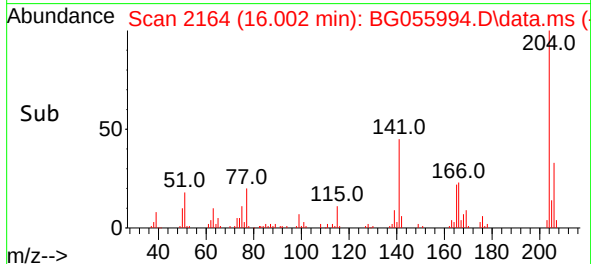
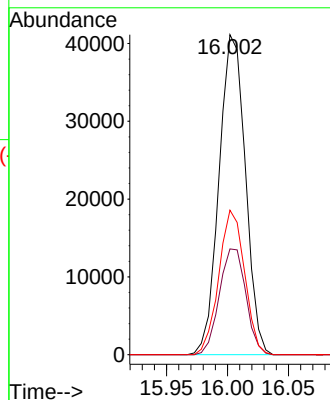
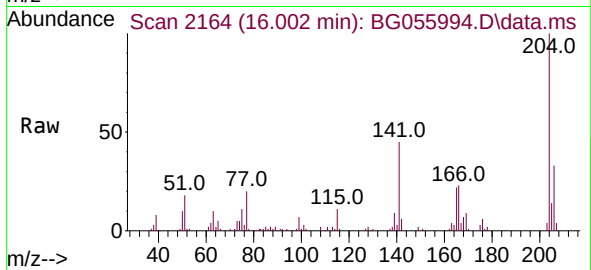
PB149627BS

Tgt Ion:204 Resp: 61840
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 45.2 36.3 54.5

Manual Integrations

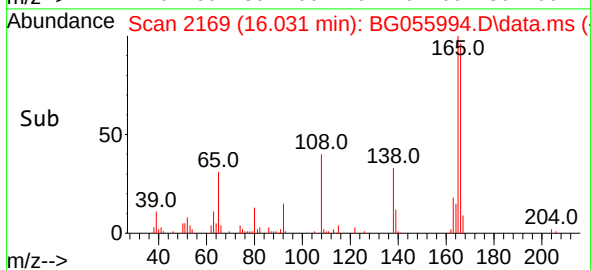
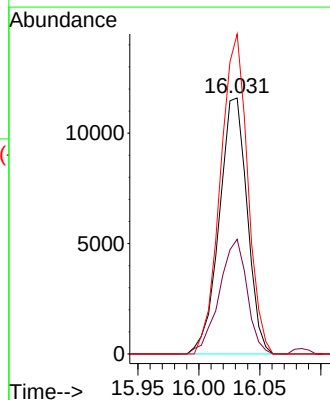
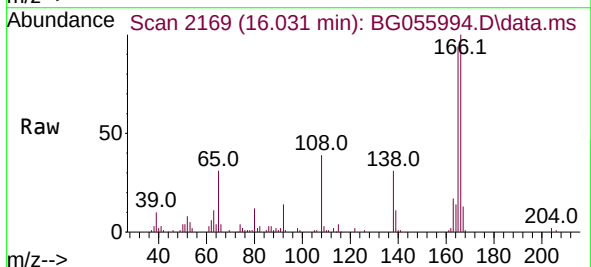
APPROVED

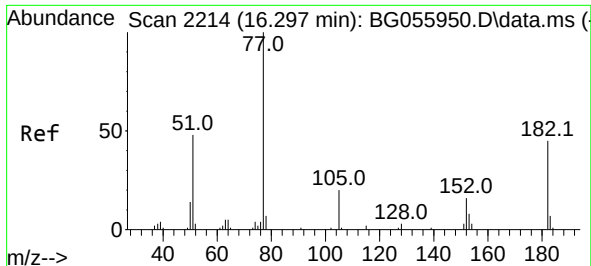
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#62
4-Nitroaniline
Concen: 41.759 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:138 Resp: 18429
Ion Ratio Lower Upper
138 100
92 44.8 24.4 64.4
108 125.0 110.1 150.1





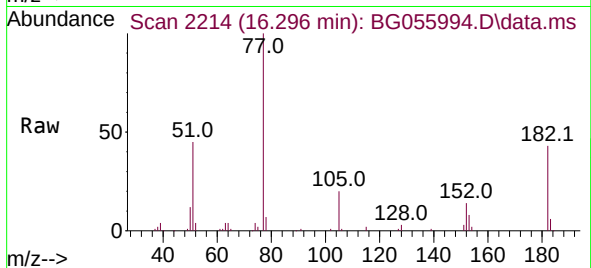
#63
Azobenzene
Concen: 37.850 ng
RT: 16.296 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

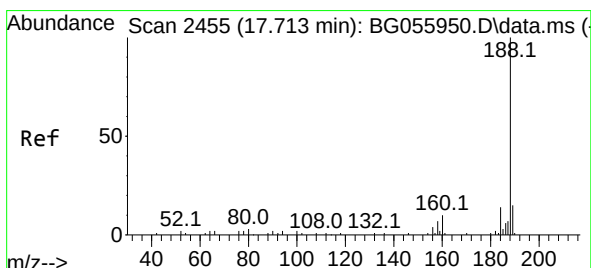
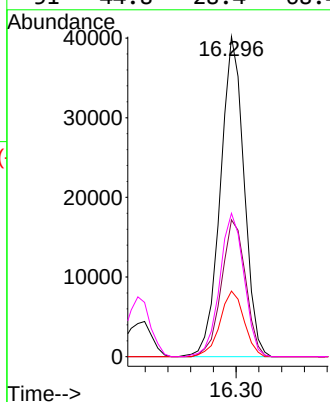
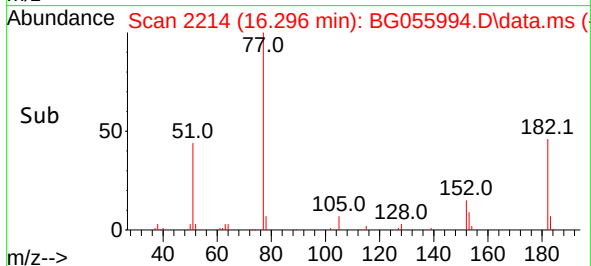


Tgt Ion: 77 Resp: 5797
Ion Ratio Lower Upper
77 100
182 42.8 24.7 64.7
105 20.5 0.3 40.3
51 44.8 28.4 68.4

Manual Integrations

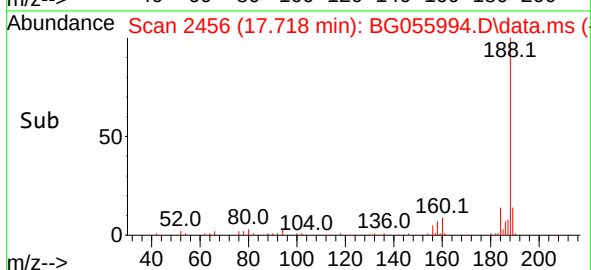
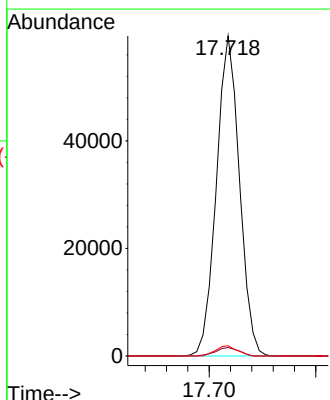
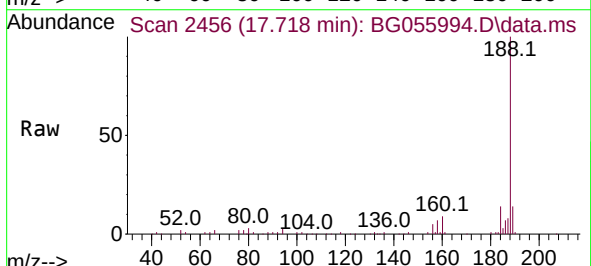
APPROVED

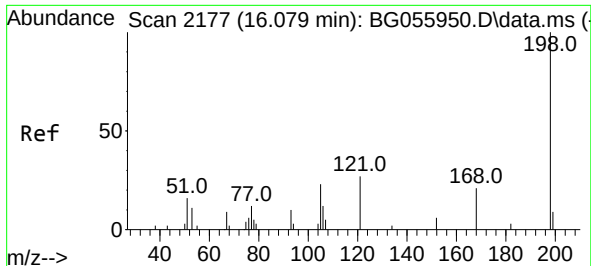
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2456
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:188 Resp: 89091
Ion Ratio Lower Upper
188 100
94 2.6 1.8 2.8
80 3.2 2.4 3.6





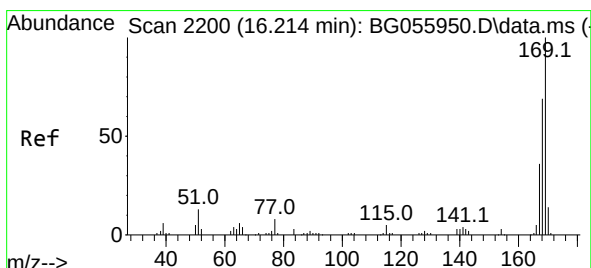
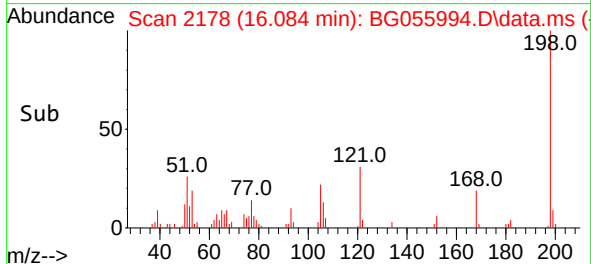
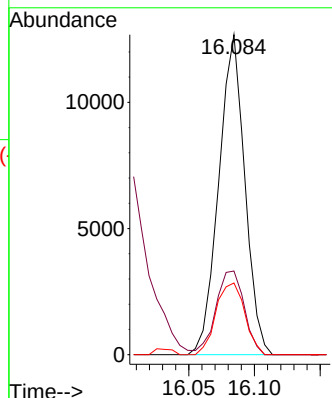
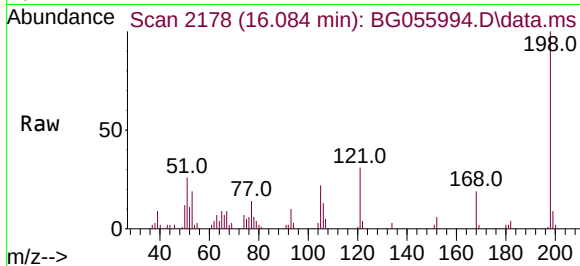
#65
4,6-Dinitro-2-methylphenol
Concen: 41.157 ng
RT: 16.084 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :
BNA_G
ClientSampleId :
PB149627BS

Tgt Ion:198 Resp: 17510
Ion Ratio Lower Upper
198 100
51 26.1 3.0 43.0
105 22.4 3.3 43.3

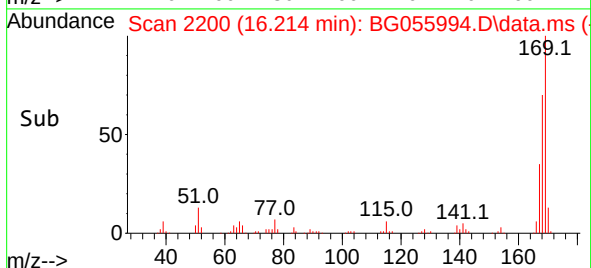
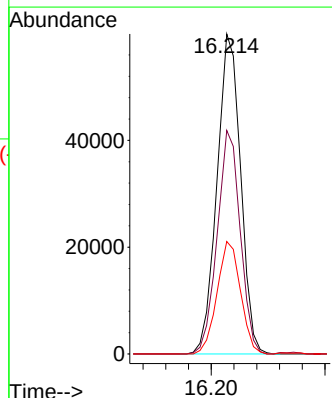
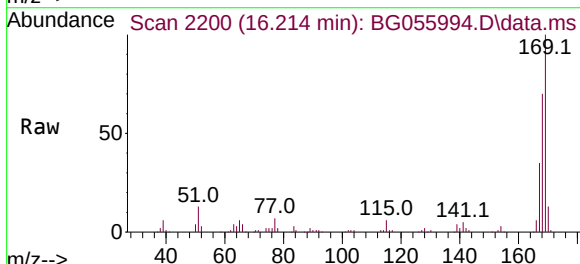
Manual Integrations
APPROVED

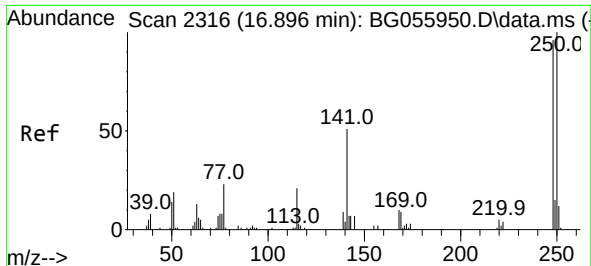
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#66
n-Nitrosodiphenylamine
Concen: 36.998 ng
RT: 16.214 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

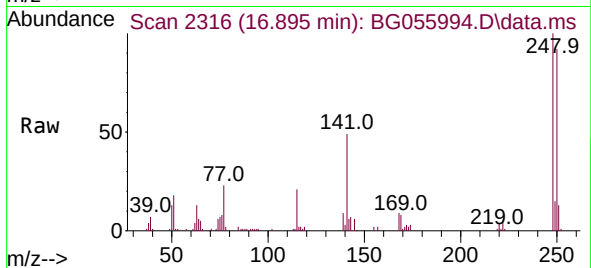
Tgt Ion:169 Resp: 86379
Ion Ratio Lower Upper
169 100
168 69.8 55.3 82.9
167 35.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 37.028 ng
RT: 16.895 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

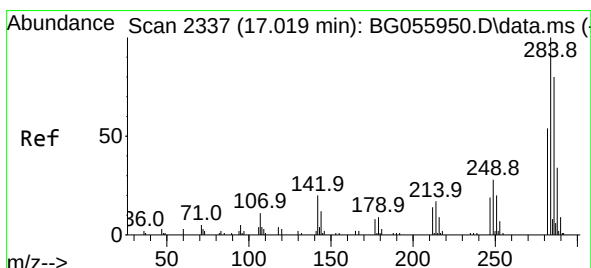
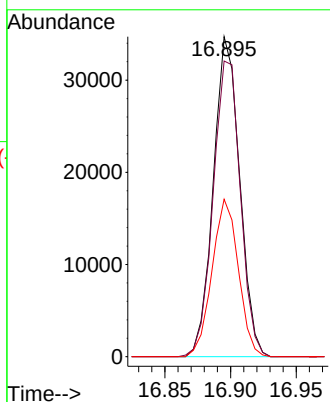
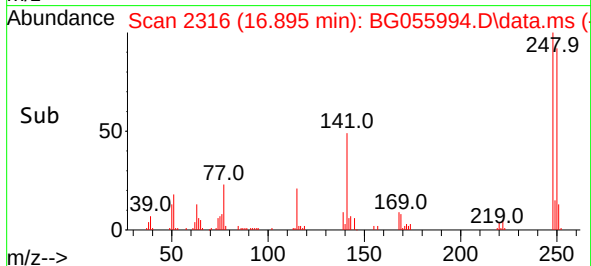
Instrument :
BNA_G
ClientSampleId :
PB149627BS



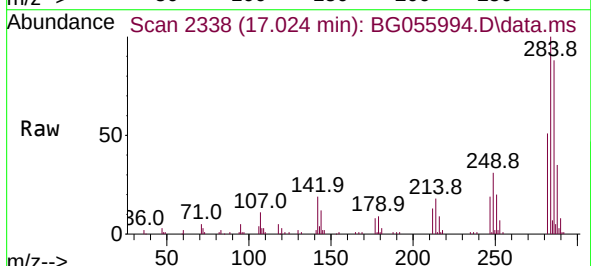
Tgt Ion:248 Resp: 48338
Ion Ratio Lower Upper
248 100
250 92.4 83.0 124.6
141 49.2 42.6 64.0

Manual Integrations
APPROVED

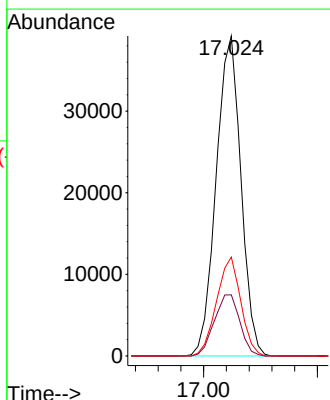
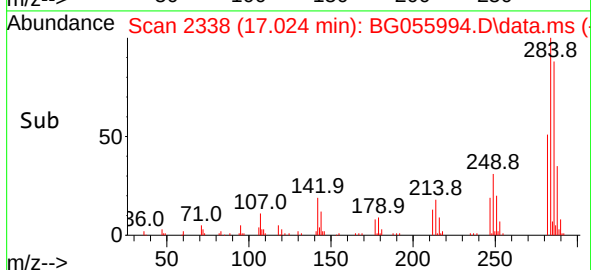
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

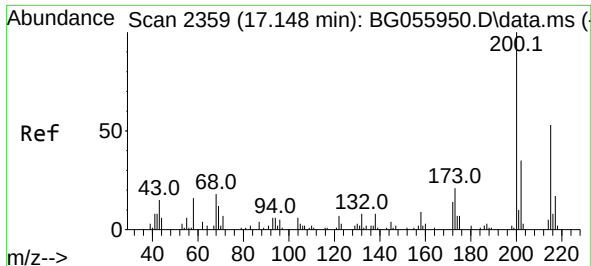


#68
Hexachlorobenzene
Concen: 36.844 ng
RT: 17.024 min Scan# 2338
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:284 Resp: 59245
Ion Ratio Lower Upper
284 100
142 19.1 16.2 24.2
249 30.9 22.8 34.2





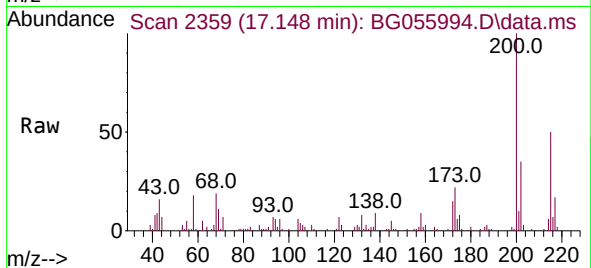
#69
 Atrazine
 Concen: 36.202 ng
 RT: 17.148 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055994.D
 Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

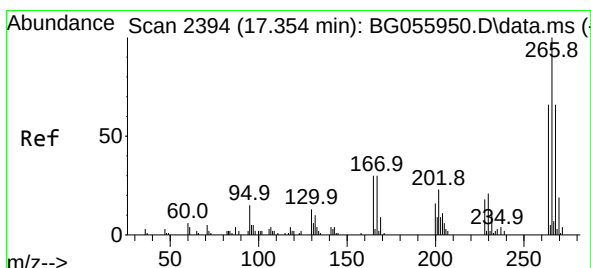
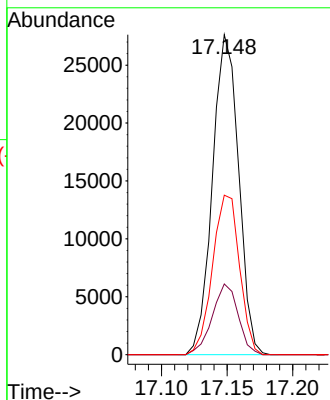
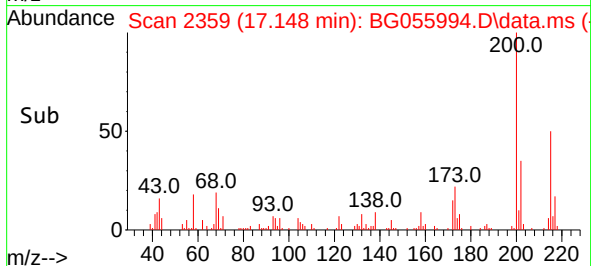


Tgt Ion:200 Resp: 38270
 Ion Ratio Lower Upper
 200 100
 173 22.1 1.4 41.4
 215 49.9 33.3 73.3

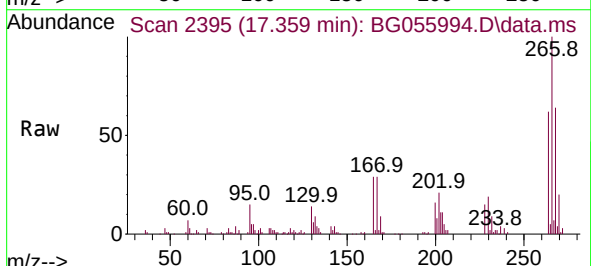
Manual Integrations

APPROVED

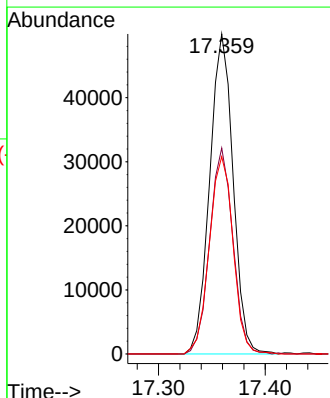
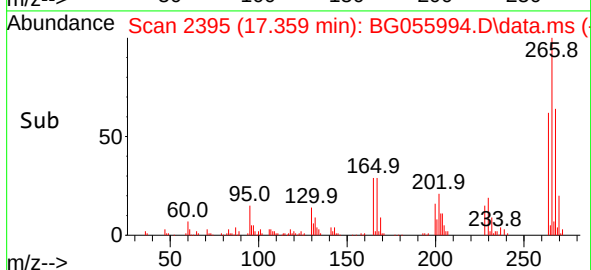
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

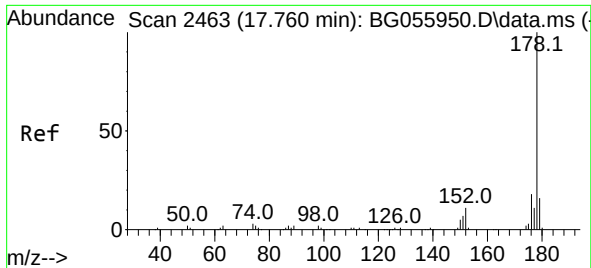


#70
 Pentachlorophenol
 Concen: 82.693 ng
 RT: 17.359 min Scan# 2395
 Delta R.T. -0.001 min
 Lab File: BG055994.D
 Acq: 16 Dec 2022 14:51



Tgt Ion:266 Resp: 76018
 Ion Ratio Lower Upper
 266 100
 268 64.3 55.5 83.3
 264 61.6 52.6 78.8





#71
Phenanthrene
Concen: 36.881 ng
RT: 17.759 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

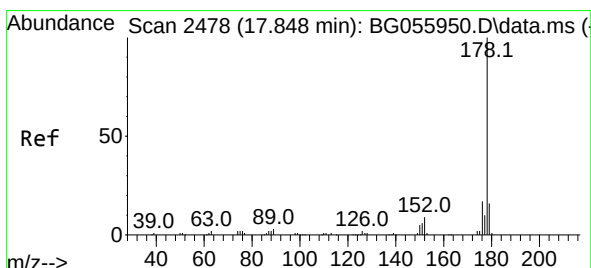
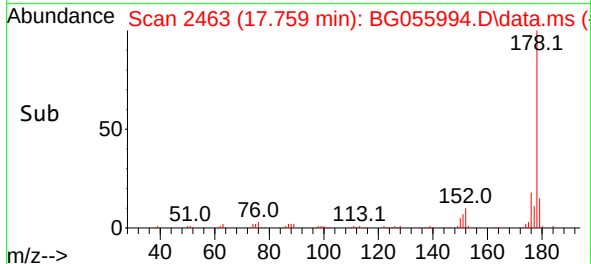
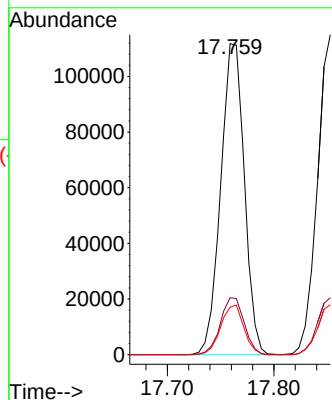
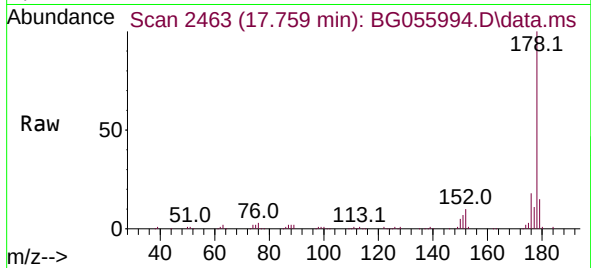
PB149627BS

Tgt Ion:178 Resp: 17219
Ion Ratio Lower Upper
178 100
176 18.3 14.4 21.6
179 15.3 12.7 19.1

Manual Integrations

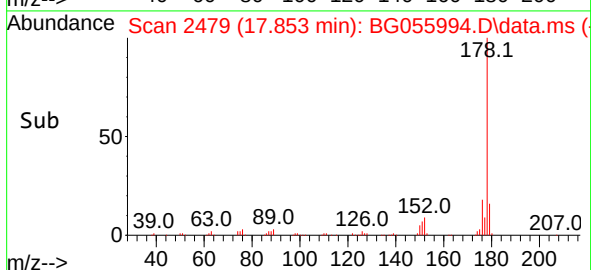
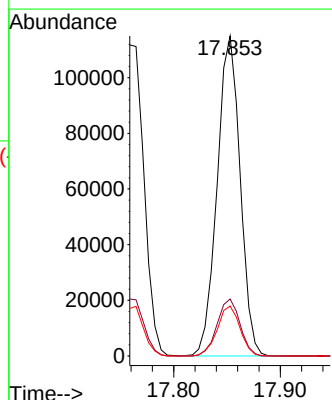
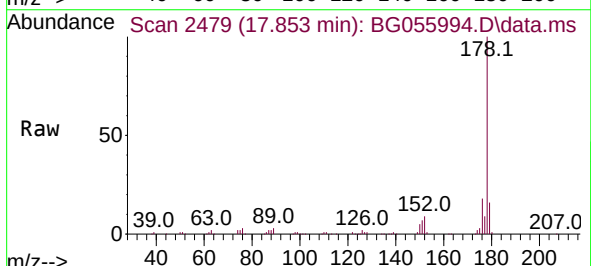
APPROVED

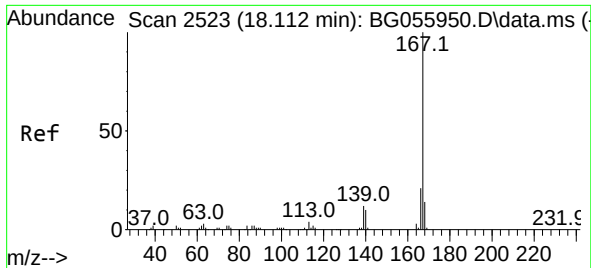
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#72
Anthracene
Concen: 37.293 ng
RT: 17.853 min Scan# 2479
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:178 Resp: 172257
Ion Ratio Lower Upper
178 100
176 17.8 13.9 20.9
179 15.6 12.7 19.1





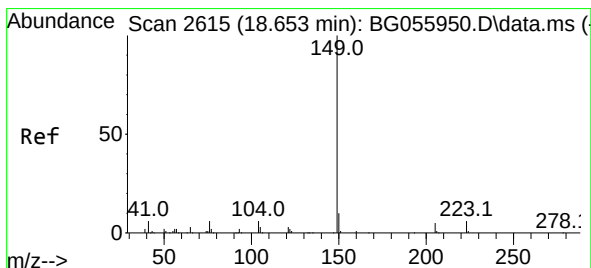
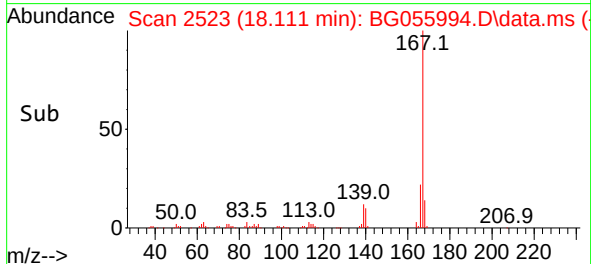
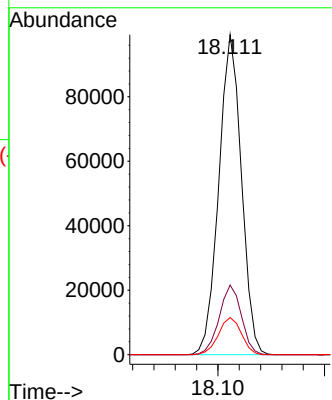
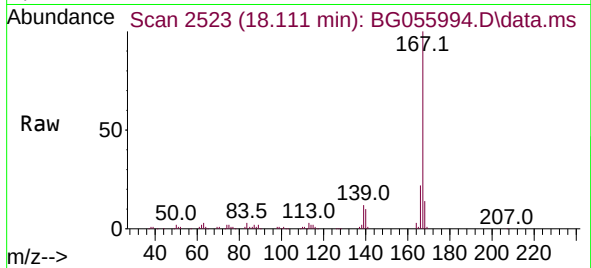
#73
 Carbazole
 Concen: 38.270 ng
 RT: 18.111 min Scan# 2523
 Delta R.T. -0.001 min
 Lab File: BG055994.D
 Acq: 16 Dec 2022 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB149627BS

Tgt Ion:167 Resp: 145789
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.6 25.0
 139 11.6 9.7 14.5

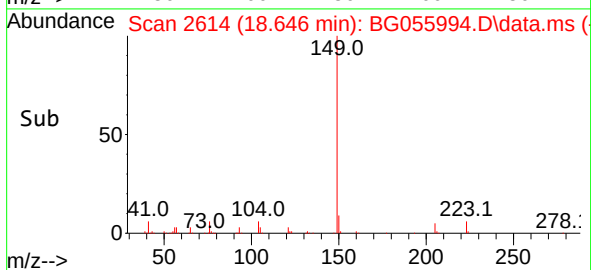
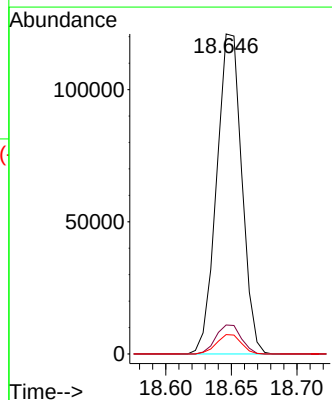
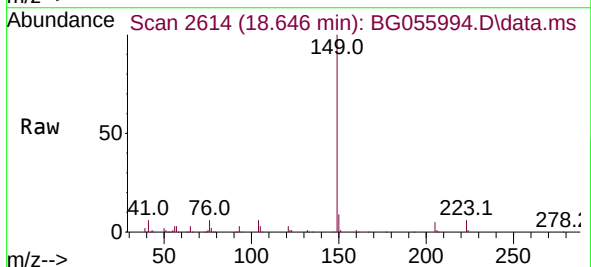
Manual Integrations
 APPROVED

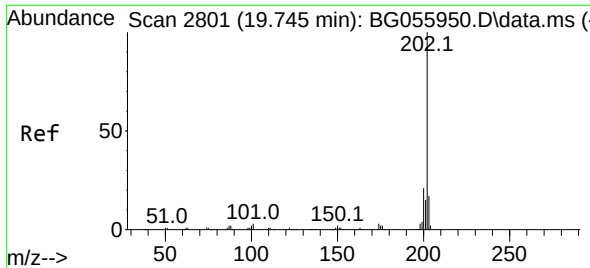
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#74
 Di-n-butylphthalate
 Concen: 36.389 ng
 RT: 18.646 min Scan# 2614
 Delta R.T. -0.006 min
 Lab File: BG055994.D
 Acq: 16 Dec 2022 14:51

Tgt Ion:149 Resp: 161211
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 6.0 4.8 7.2





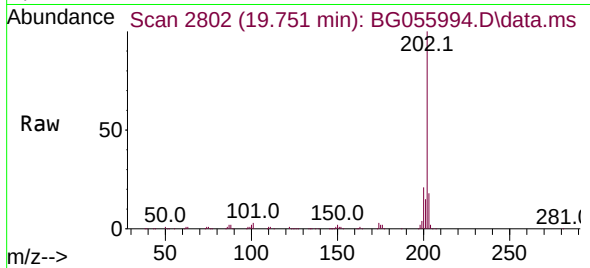
#75
Fluoranthene
Concen: 33.947 ng
RT: 19.751 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

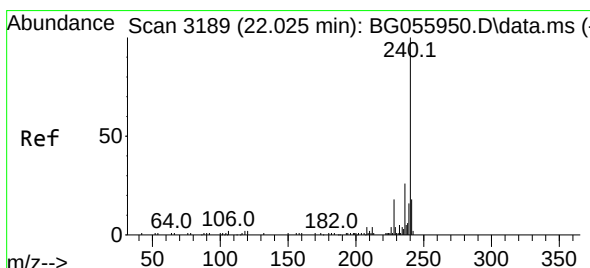
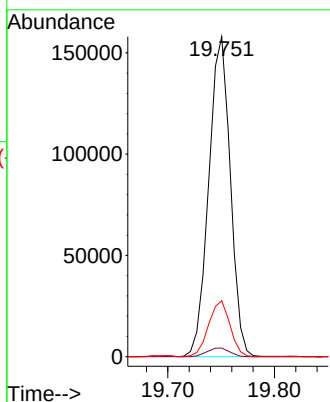
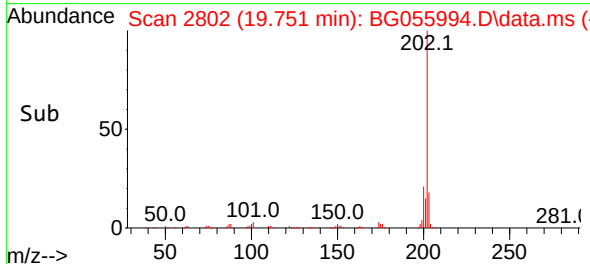


Tgt Ion:202 Resp: 22193
Ion Ratio Lower Upper
202 100
101 2.7 0.0 22.6
203 17.5 0.0 37.1

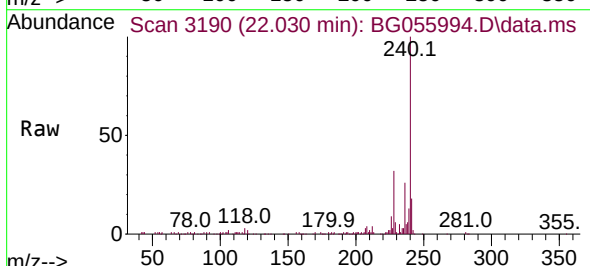
Manual Integrations

APPROVED

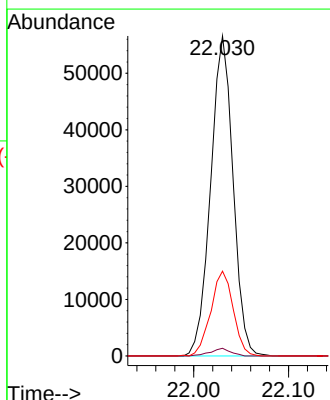
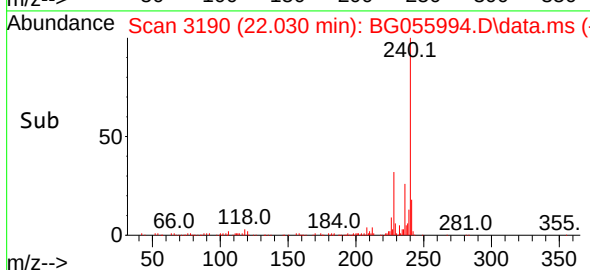
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

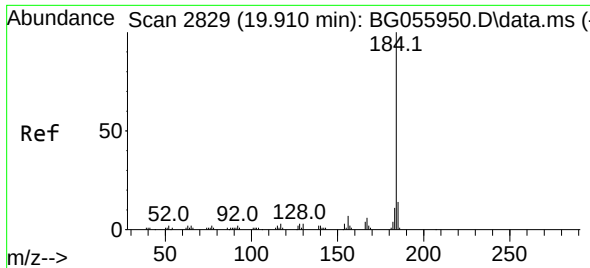


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.030 min Scan# 3190
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:240 Resp: 92820
Ion Ratio Lower Upper
240 100
120 2.4 1.7 2.5
236 26.5 21.1 31.7





#77
Benzidine
Concen: 47.630 ng
RT: 19.915 min Scan# 2830
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

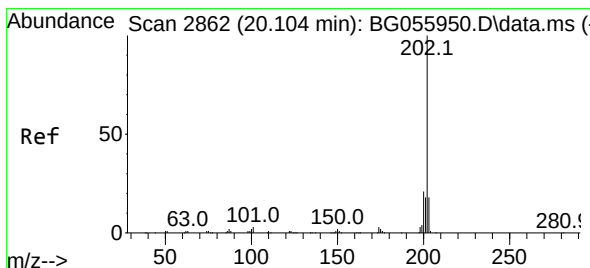
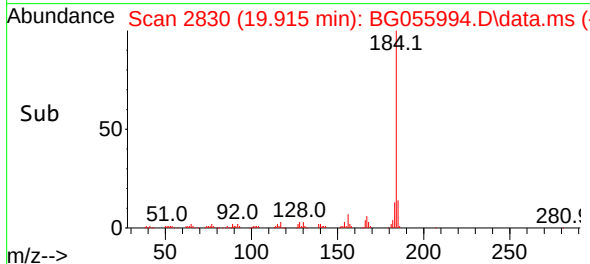
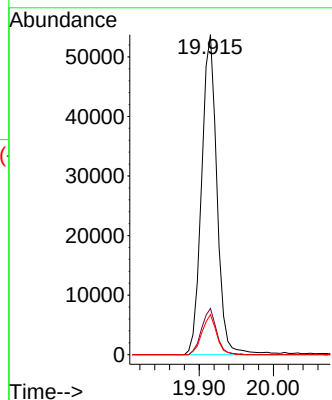
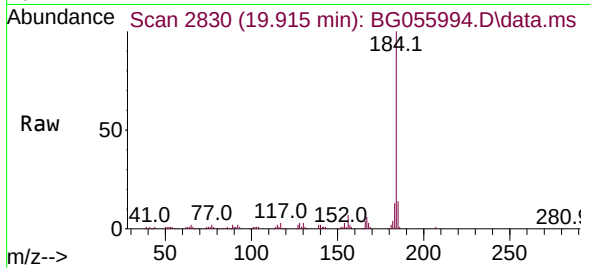
PB149627BS

Tgt Ion:184 Resp: 77640
Ion Ratio Lower Upper
184 100
185 14.4 10.9 16.3
183 12.5 9.2 13.8

Manual Integrations

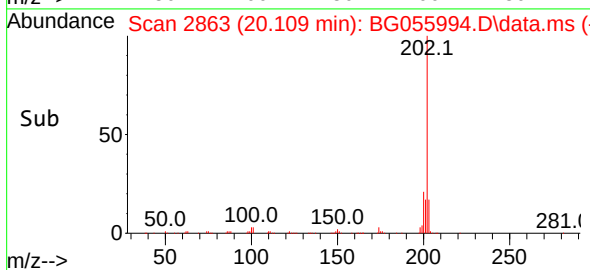
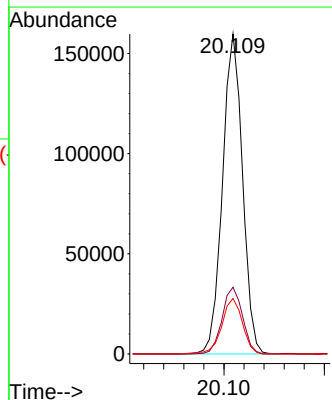
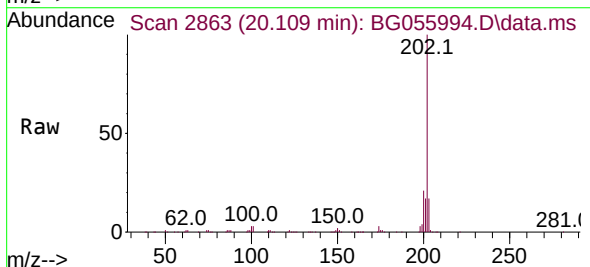
APPROVED

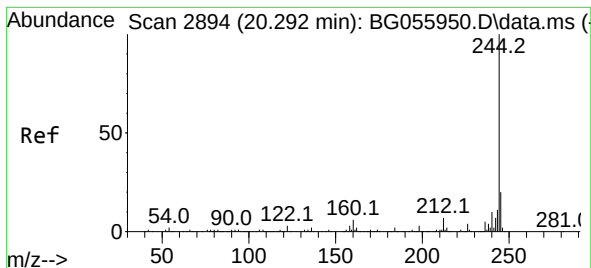
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#78
Pyrene
Concen: 39.279 ng
RT: 20.109 min Scan# 2863
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:202 Resp: 220612
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 79.087 ng

RT: 20.291 min Scan# 2894

Delta R.T. -0.001 min

Lab File: BG055994.D

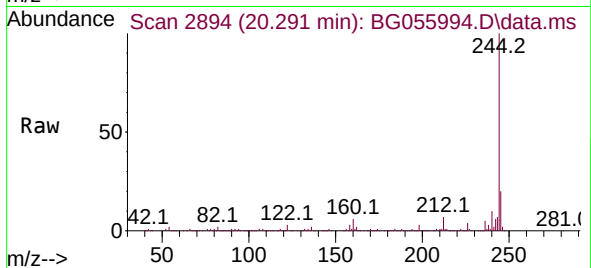
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS



Tgt Ion:244 Resp: 41535

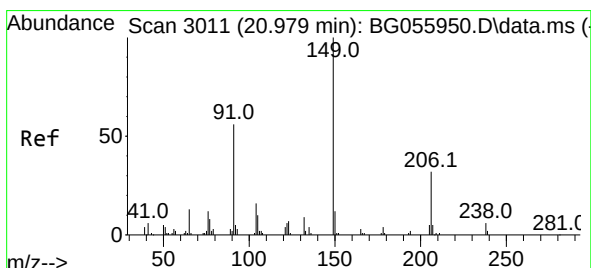
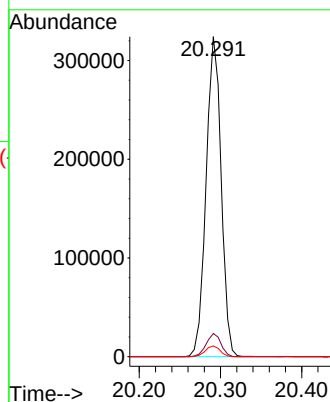
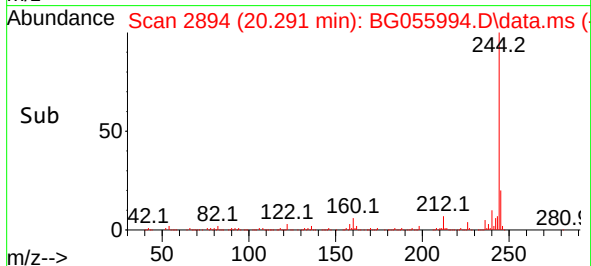
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	3.4	2.5	3.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#80

Butylbenzylphthalate

Concen: 37.761 ng

RT: 20.979 min Scan# 3011

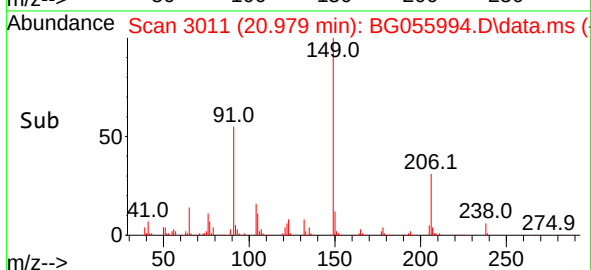
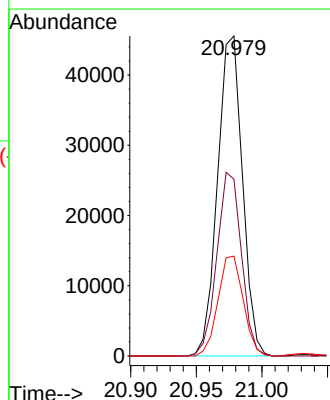
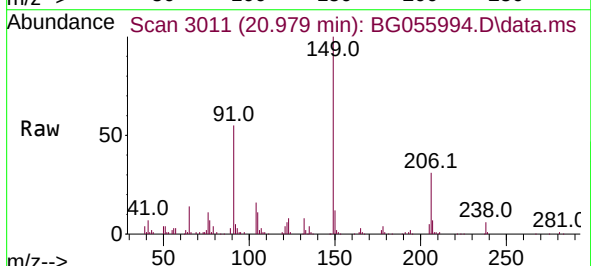
Delta R.T. -0.001 min

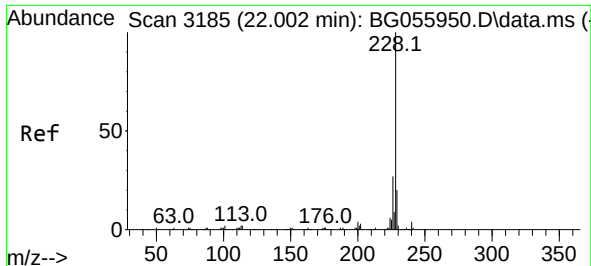
Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Tgt Ion:149 Resp: 60098

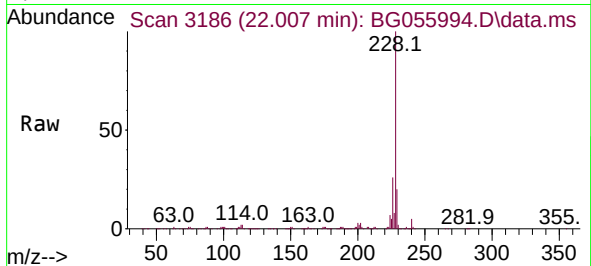
Ion	Ratio	Lower	Upper
149	100		
91	55.2	44.5	66.7
206	31.2	25.8	38.6





#81
Benzo(a)anthracene
Concen: 36.013 ng
RT: 22.007 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

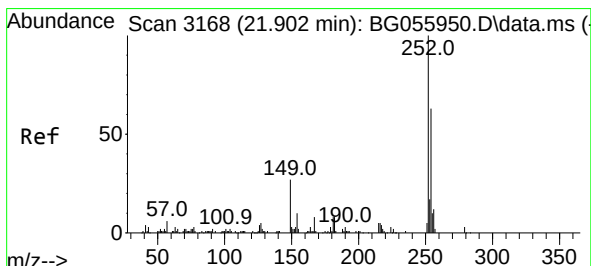
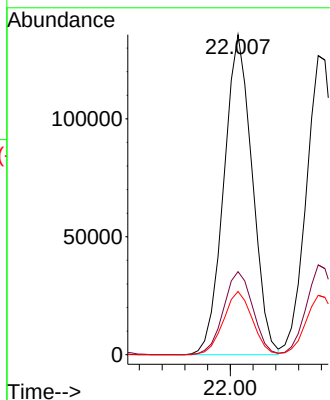
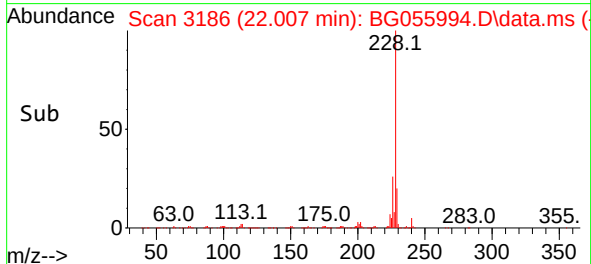
Instrument :
BNA_G
ClientSampleId :
PB149627BS



Tgt Ion:228 Resp: 235218
Ion Ratio Lower Upper
228 100
226 26.0 21.8 32.6
229 19.7 15.9 23.9

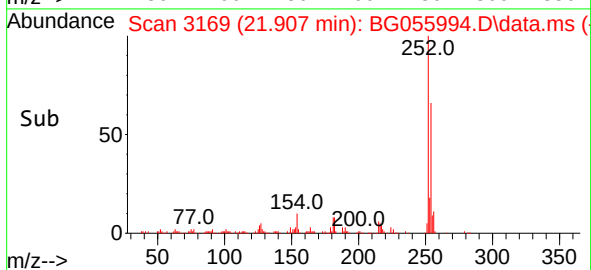
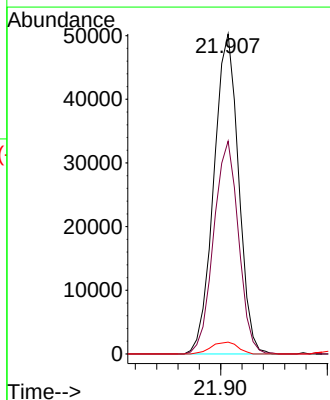
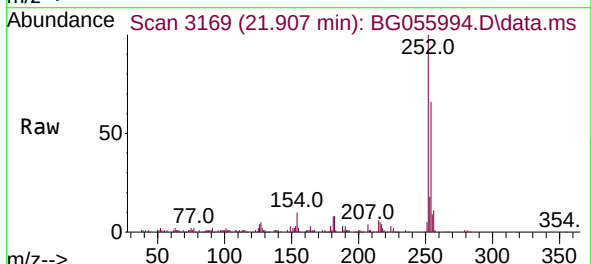
Manual Integrations
APPROVED

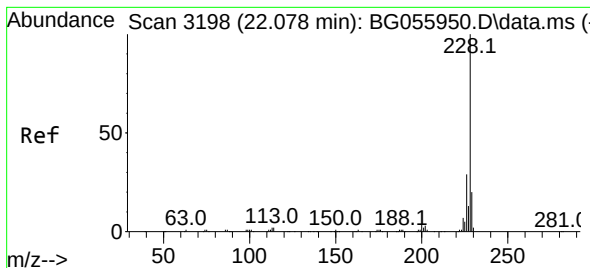
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 34.401 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:252 Resp: 80841
Ion Ratio Lower Upper
252 100
254 66.5 50.2 75.2
126 3.7 3.1 4.7





#83

Chrysene

Concen: 36.145 ng

RT: 22.077 min Scan# 3198

Delta R.T. -0.006 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

Tgt Ion:228 Resp: 221262

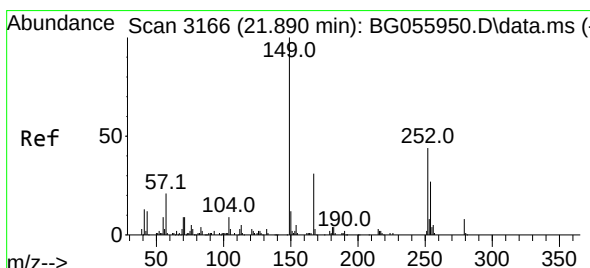
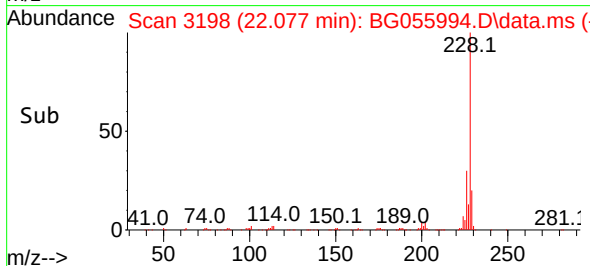
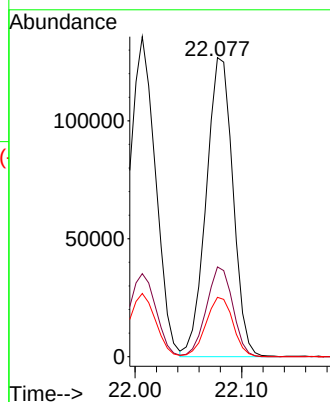
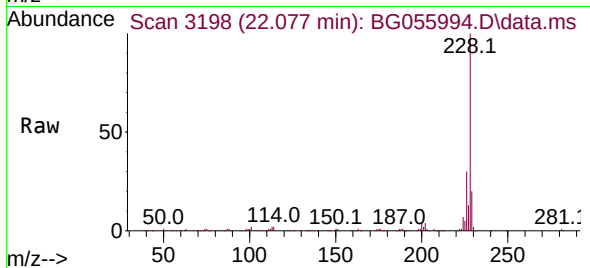
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.1	34.7
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.659 ng

RT: 21.883 min Scan# 3165

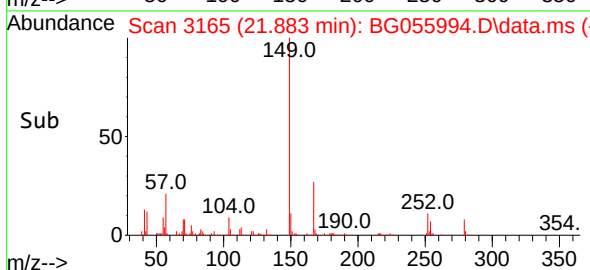
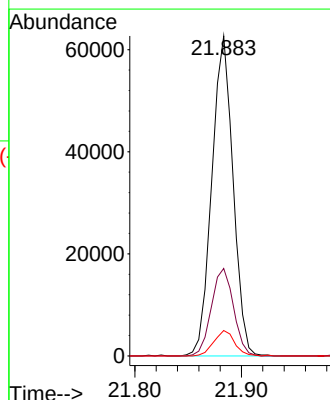
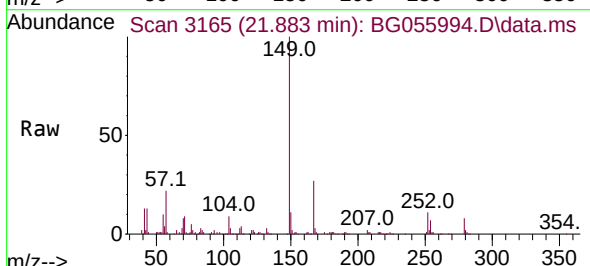
Delta R.T. -0.001 min

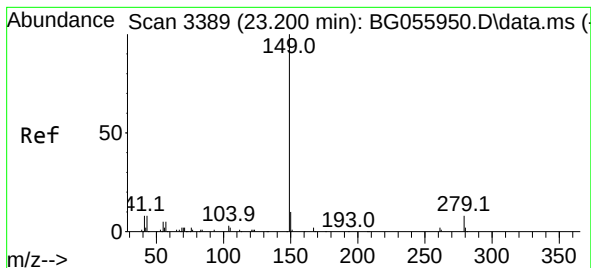
Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Tgt Ion:149 Resp: 86682

Ion	Ratio	Lower	Upper
149	100		
167	27.4	24.6	36.8
279	7.9	6.3	9.5





#85

Di-n-octyl phthalate

Concen: 36.477 ng

RT: 23.194 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

Tgt Ion:149 Resp: 146300

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

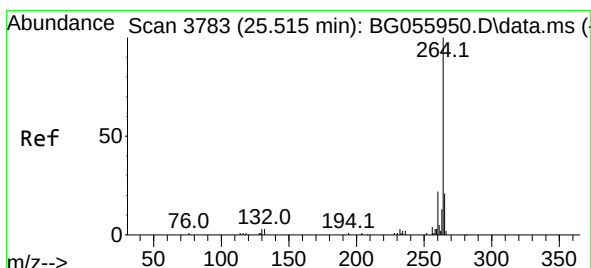
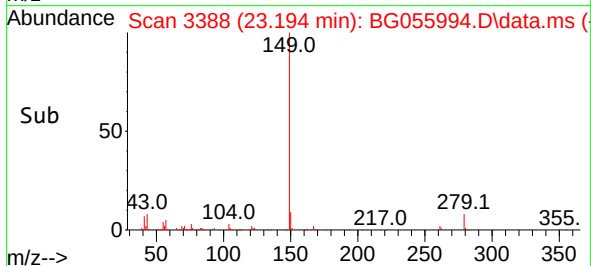
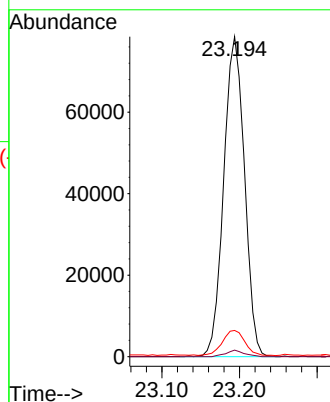
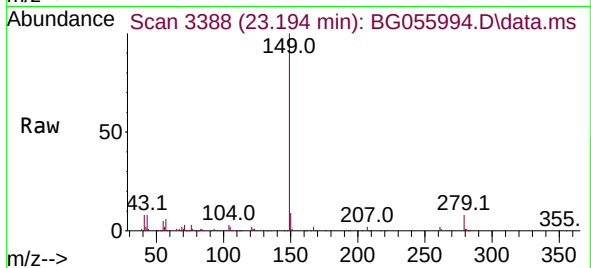
43 8.5 6.9 10.3

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: 25.532 min Scan# 3786

Delta R.T. -0.001 min

Lab File: BG055994.D

Acq: 16 Dec 2022 14:51

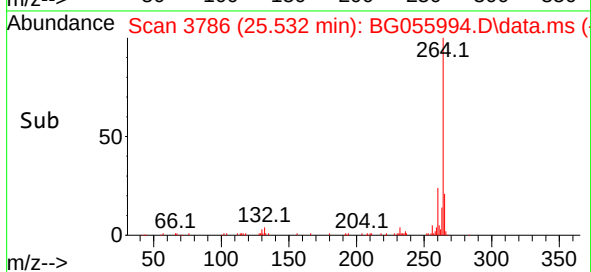
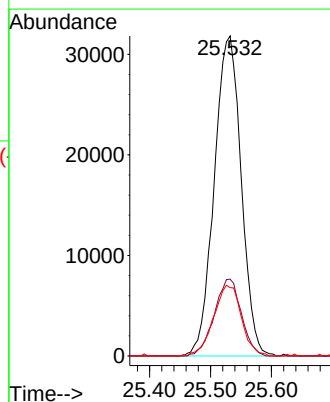
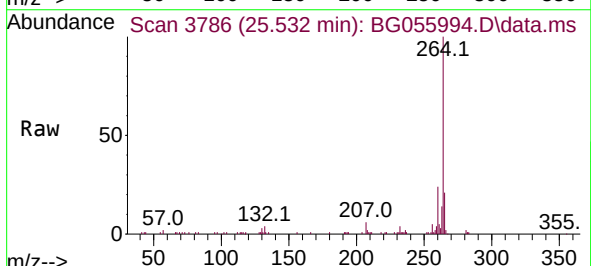
Tgt Ion:264 Resp: 97754

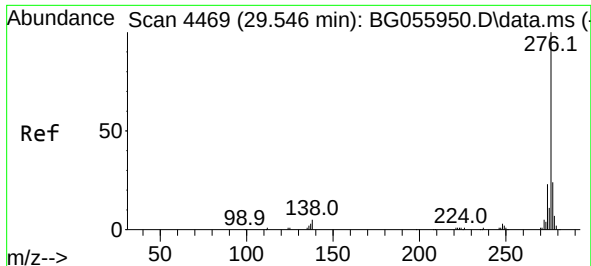
Ion Ratio Lower Upper

264 100

260 24.0 17.8 26.8

265 21.4 16.6 25.0





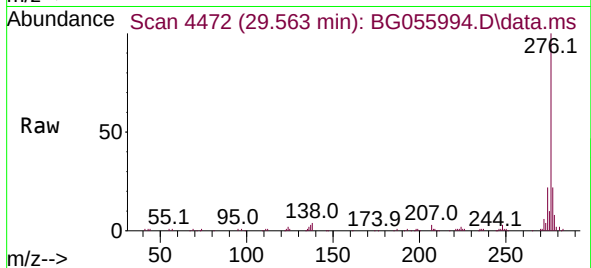
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.183 ng
RT: 29.563 min Scan# 4469
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS



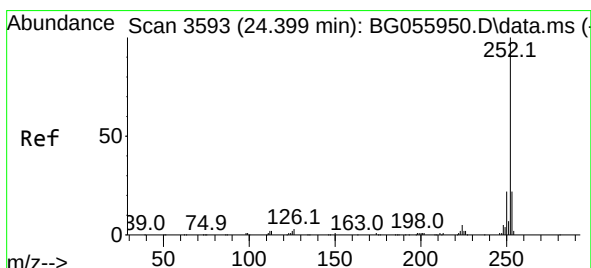
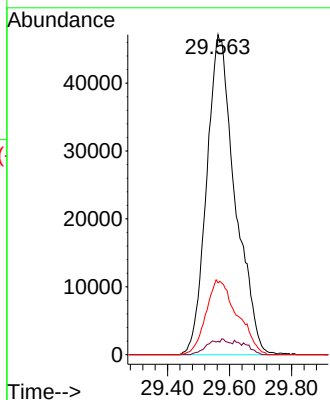
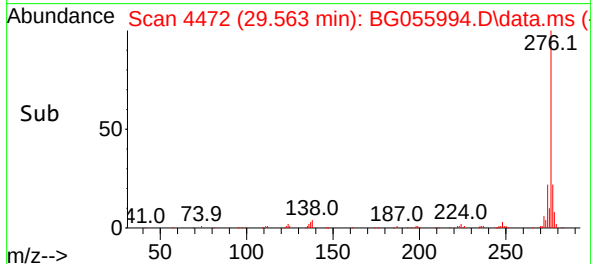
Tgt Ion:276 Resp: 300148
Ion Ratio Lower Upper
276 100
138 1.8 3.0 4.4
277 25.8 20.4 30.6

Manual Integrations

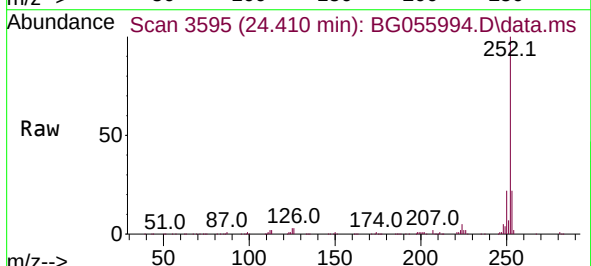
APPROVED

Reviewed By :Yogesh Patel 12/19/2022

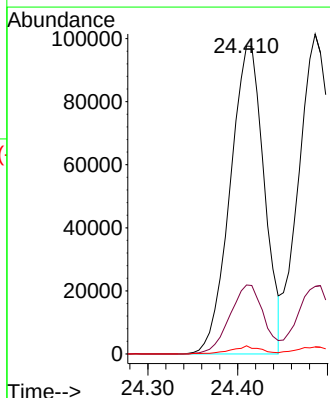
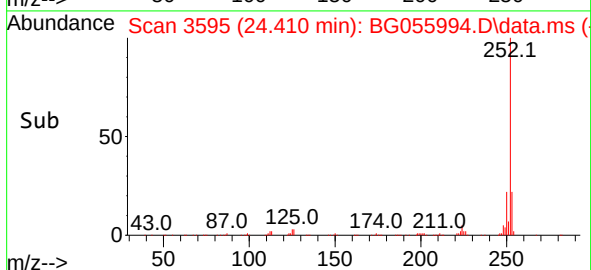
Supervised By :mohammad ahmed 12/19/2022

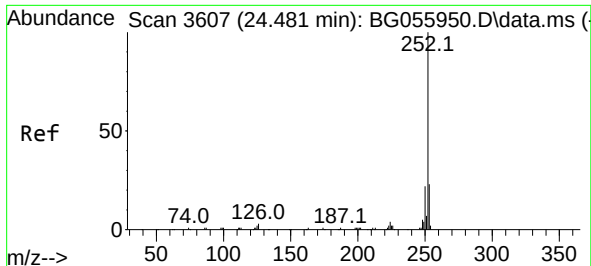


#88
Benzo(b)fluoranthene
Concen: 40.698 ng
RT: 24.410 min Scan# 3595
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:252 Resp: 257476
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 2.6 1.8 2.8





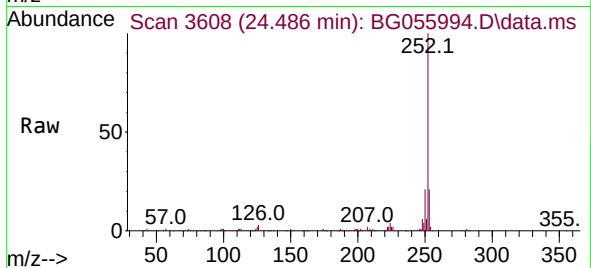
#89
Benzo(k)fluoranthene
Concen: 40.402 ng
RT: 24.486 min Scan# 3607
Delta R.T. -0.001 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS

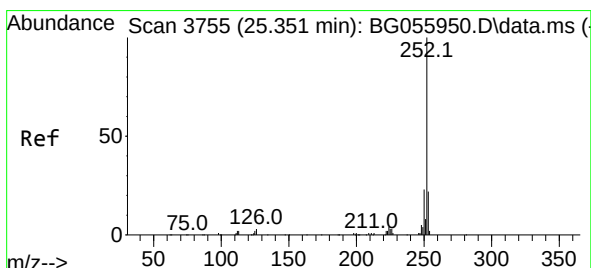
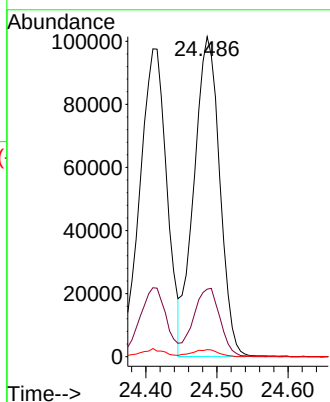
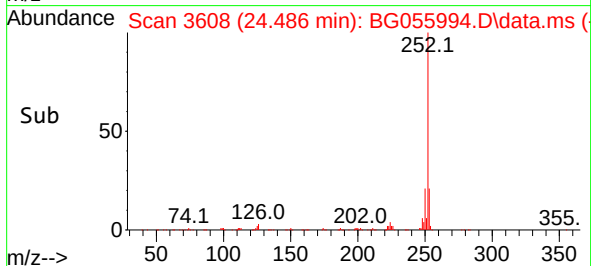


Tgt Ion:252 Resp: 255020
Ion Ratio Lower Upper
252 100
253 21.1 18.2 27.2
125 2.2 2.0 3.0

Manual Integrations

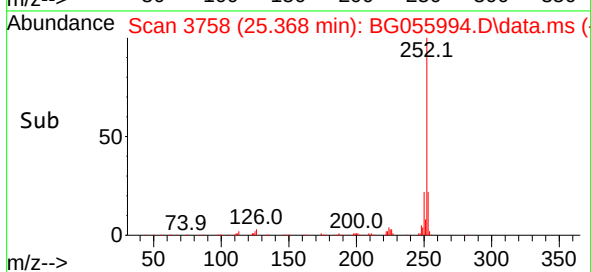
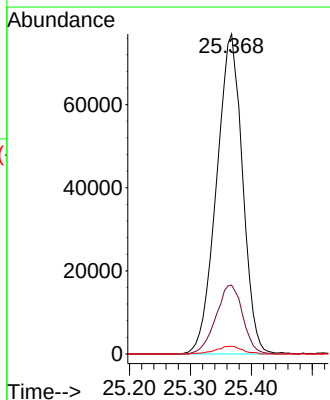
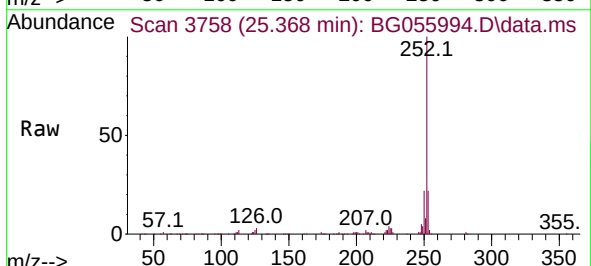
APPROVED

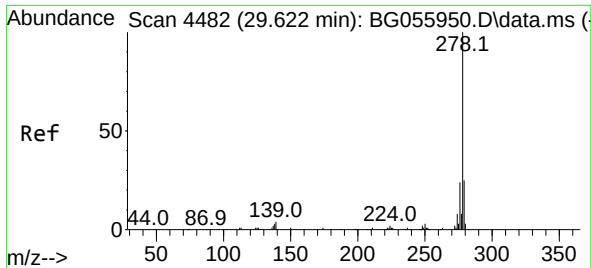
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#90
Benzo(a)pyrene
Concen: 42.562 ng
RT: 25.368 min Scan# 3758
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Tgt Ion:252 Resp: 227607
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 2.4 1.9 2.9





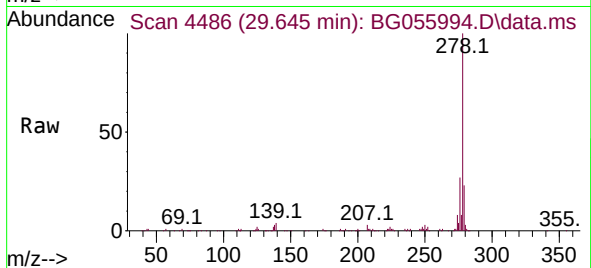
#91
Dibenzo(a,h)anthracene
Concen: 40.164 ng
RT: 29.645 min Scan# 4486
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51

Instrument :

BNA_G

ClientSampleId :

PB149627BS



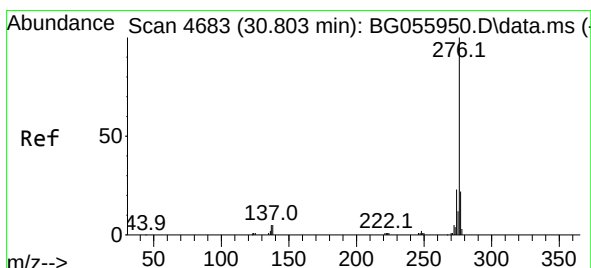
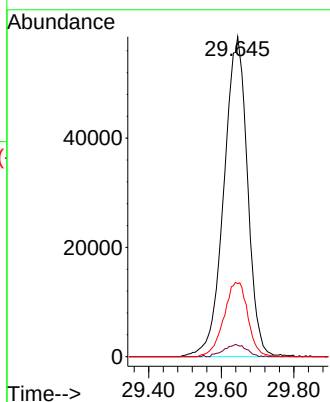
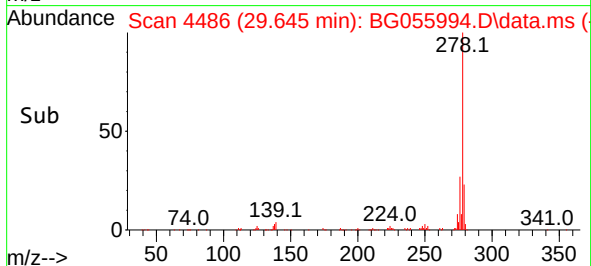
Tgt Ion:278 Resp: 26425
Ion Ratio Lower Upper
278 100
139 3.6 2.9 4.3
279 22.8 20.0 30.0

Manual Integrations

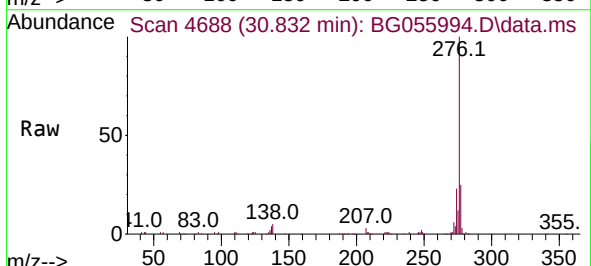
APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#92
Benzo(g,h,i)perylene
Concen: 39.456 ng
RT: 30.832 min Scan# 4688
Delta R.T. -0.006 min
Lab File: BG055994.D
Acq: 16 Dec 2022 14:51



Tgt Ion:276 Resp: 250989
Ion Ratio Lower Upper
276 100
277 25.1 17.8 26.6
138 4.9 3.8 5.6

