

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
 Data File : BG060927.D
 Acq On : 17 Apr 2024 20:12
 Operator : MA/JU
 Sample : PB160330BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160330BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 02:18:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	44952	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	181843	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	151951	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	388704	20.000	ng	0.00
76) Chrysene-d12	21.577	240	376449	20.000	ng	0.00
86) Perylene-d12	24.697	264	440077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	366391	141.576	ng	0.00
7) Phenol-d6	7.112	99	528733	141.822	ng	0.00
23) Nitrobenzene-d5	9.098	82	341499	85.256	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	321252	127.974	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	870698	84.087	ng	0.00
79) Terphenyl-d14	19.938	244	1813449	84.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	40827	39.025	ng	99
3) Pyridine	3.834	79	107760	32.375	ng	98
4) n-Nitrosodimethylamine	3.745	42	89057	41.929	ng	95
6) Aniline	7.265	93	123991	27.297	ng	97
8) 2-Chlorophenol	7.506	128	152578	51.824	ng	97
9) Benzaldehyde	7.077	77	8702	4.346	ng	85
10) Phenol	7.136	94	197776	52.933	ng	97
11) bis(2-Chloroethyl)ether	7.365	93	130576	45.055	ng	96
12) 1,3-Dichlorobenzene	7.829	146	146104	46.706	ng	98
13) 1,4-Dichlorobenzene	7.976	146	153335	47.880	ng	97
14) 1,2-Dichlorobenzene	8.293	146	149042	47.860	ng	98
15) Benzyl Alcohol	8.176	79	146134	45.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	322282	46.014	ng	98
17) 2-Methylphenol	8.381	107	133293	45.150	ng	99
18) Hexachloroethane	9.022	117	54686	48.090	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	122545	43.154	ng	98
20) 3+4-Methylphenols	8.710	107	187647	45.816	ng	97
22) Acetophenone	8.757	105	232861	44.967	ng	99
24) Nitrobenzene	9.139	77	176943	45.011	ng	99
25) Isophorone	9.662	82	320185	43.316	ng	99
26) 2-Nitrophenol	9.850	139	79246	47.985	ng	97
27) 2,4-Dimethylphenol	9.909	122	111985	38.486	ng	95
28) bis(2-Chloroethoxy)met...	10.144	93	188577	45.370	ng	99
29) 2,4-Dichlorophenol	10.385	162	154403	48.908	ng	99
30) 1,2,4-Trichlorobenzene	10.602	180	155573	45.972	ng	99
31) Naphthalene	10.790	128	439870	44.727	ng	99
32) Benzoic acid	10.050	122	113317m	48.111	ng	
33) 4-Chloroaniline	10.890	127	80525	17.471	ng	95
34) Hexachlorobutadiene	11.078	225	109993	45.722	ng	97
35) Caprolactam	11.660	113	53329m	45.784	ng	
36) 4-Chloro-3-methylphenol	12.018	107	182296	47.776	ng	95
37) 2-Methylnaphthalene	12.394	142	326066	43.827	ng	99
38) 1-Methylnaphthalene	12.612	142	304637	43.373	ng	99
40) 1,2,4,5-Tetrachloroben...	12.764	216	214442	45.734	ng	99
41) Hexachlorocyclopentadiene	12.747	237	256619	107.032	ng	99
43) 2,4,6-Trichlorophenol	12.999	196	153117	46.960	ng	95

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Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024

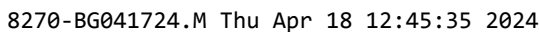
Quant Time: Apr 18 02:18:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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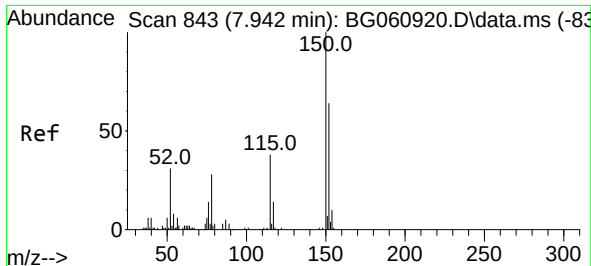
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	172761	43.935	ng	99
46) 1,1'-Biphenyl	13.405	154	465749	45.079	ng	99
47) 2-Chloronaphthalene	13.446	162	368660	46.621	ng	98
48) 2-Nitroaniline	13.646	65	147093	45.330	ng	99
49) Acenaphthylene	14.292	152	634408	47.445	ng	99
50) Dimethylphthalate	14.028	163	533133	44.214	ng	99
51) 2,6-Dinitrotoluene	14.139	165	112287	45.690	ng	97
52) Acenaphthene	14.633	154	362446	44.694	ng	98
53) 3-Nitroaniline	14.468	138	71601	26.541	ng	97
54) 2,4-Dinitrophenol	14.674	184	153655	96.654	ng	95
55) Dibenzofuran	14.968	168	604477	44.125	ng	99
56) 4-Nitrophenol	14.785	139	209481	101.418	ng	98
57) 2,4-Dinitrotoluene	14.932	165	171021	48.698	ng	94
58) Fluorene	15.620	166	502972	44.264	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.197	232	168857	46.745	ng	100
60) Diethylphthalate	15.396	149	536143	44.392	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	271241	43.062	ng	99
62) 4-Nitroaniline	15.632	138	125174	43.153	ng	98
63) Azobenzene	15.908	77	507306	44.568	ng	100
65) 4,6-Dinitro-2-methylph...	15.696	198	110836	51.109	ng	97
66) n-Nitrosodiphenylamine	15.825	169	479797	44.965	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	194156	44.588	ng	98
68) Hexachlorobenzene	16.624	284	222178	46.891	ng	98
69) Atrazine	16.783	200	192754	50.263	ng	95
70) Pentachlorophenol	16.965	266	310388	96.729	ng	100
71) Phenanthrene	17.359	178	901770	45.833	ng	100
72) Anthracene	17.453	178	928101	45.923	ng	99
73) Carbazole	17.717	167	813993	46.229	ng	98
74) Di-n-butylphthalate	18.293	149	974368	45.964	ng	99
75) Fluoranthene	19.368	202	1130708	45.151	ng	99
77) Benzidine	19.550	184	322896	38.887	ng	99
78) Pyrene	19.733	202	1181706	45.760	ng	100
80) Butylbenzylphthalate	20.632	149	433745	45.729	ng	97
81) Benzo(a)anthracene	21.560	228	1231038	46.310	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	305061	32.226	ng	99
83) Chrysene	21.624	228	1177167	46.379	ng	100
84) Bis(2-ethylhexyl)phtha...	21.489	149	623404	44.448	ng	99
85) Di-n-octyl phthalate	22.676	149	1104463	45.638	ng	99
87) Indeno(1,2,3-cd)pyrene	28.246	276	1480705	48.656	ng	98
88) Benzo(b)fluoranthene	23.716	252	1204208	48.363	ng	99
89) Benzo(k)fluoranthene	23.781	252	1204566	47.289	ng	99
90) Benzo(a)pyrene	24.556	252	1135922	46.272	ng	99
91) Dibenzo(a,h)anthracene	28.311	278	1216453	48.561	ng	100
92) Benzo(g,h,i)perylene	29.351	276	1121748	45.805	ng	99

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

Manual Integrations

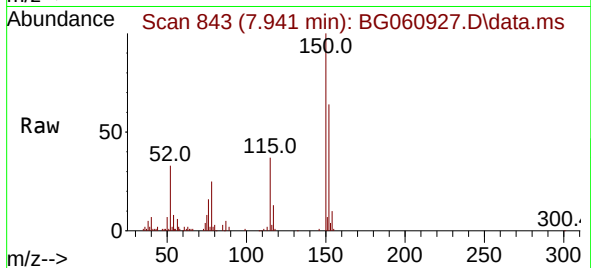
Quant Time: Apr 18 02:18:12 2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

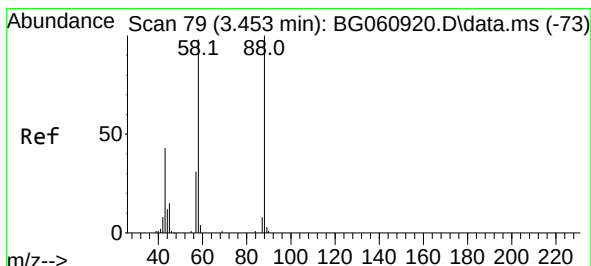
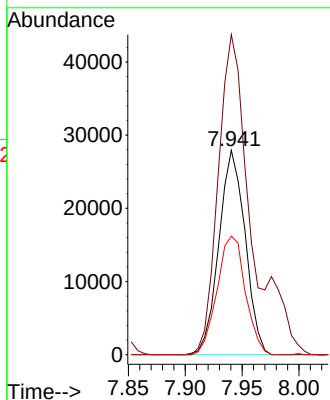
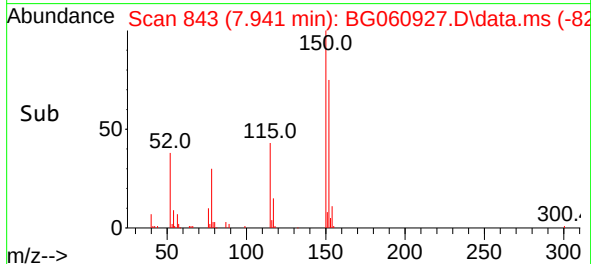
Instrument :
BNA_G
ClientSampleId :
PB160330BS



Tgt Ion:152 Resp: 44952
Ion Ratio Lower Upper
152 100
150 156.6 125.6 188.4
115 58.0 47.1 70.7

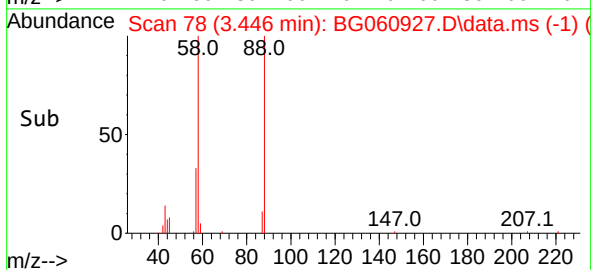
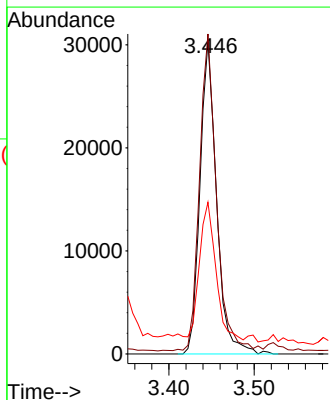
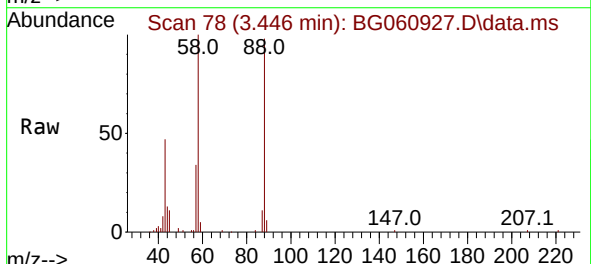
Manual Integrations
APPROVED

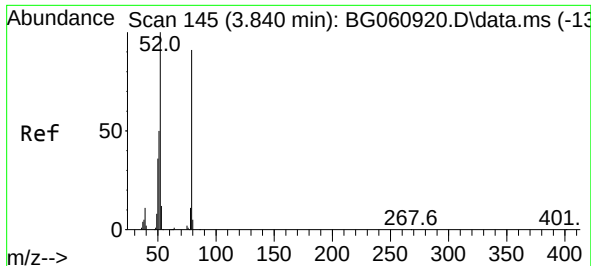
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#2
1,4-Dioxane
Concen: 39.025 ng
RT: 3.446 min Scan# 78
Delta R.T. -0.007 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion: 88 Resp: 40827
Ion Ratio Lower Upper
88 100
58 103.3 82.1 123.1
43 43.3 35.2 52.8





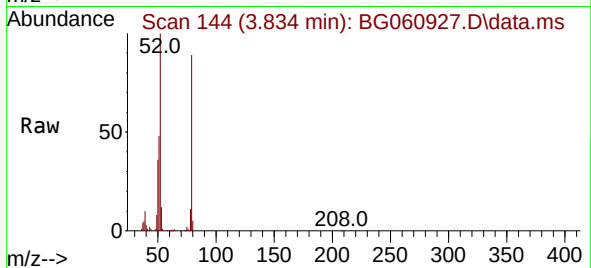
#3
 Pyridine
 Concen: 32.375 ng
 RT: 3.834 min Scan# 145
 Delta R.T. -0.007 min
 Lab File: BG060927.D
 Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

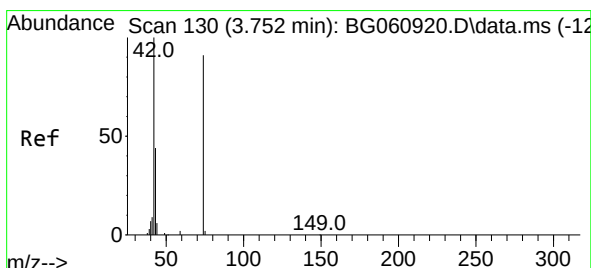
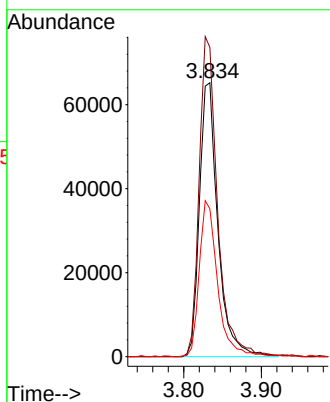
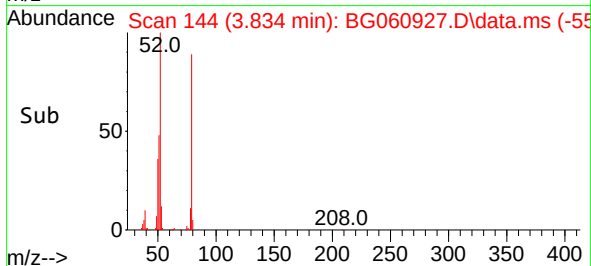
PB160330BS



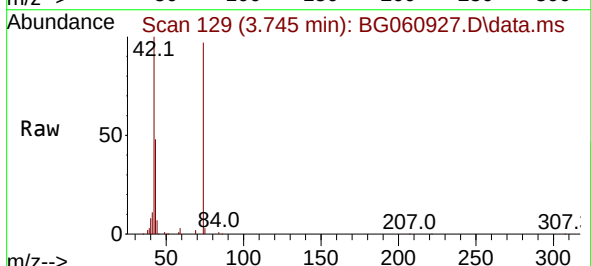
Tgt Ion: 79 Resp: 107760
 Ion Ratio Lower Upper
 79 100
 52 112.9 87.8 131.8
 51 54.0 44.1 66.1

Manual Integrations
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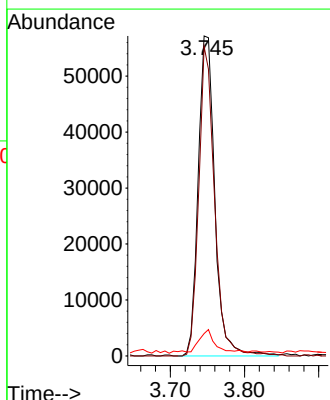
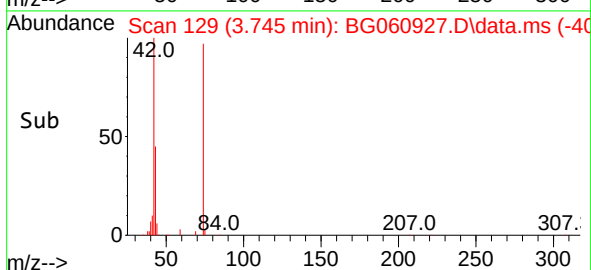
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

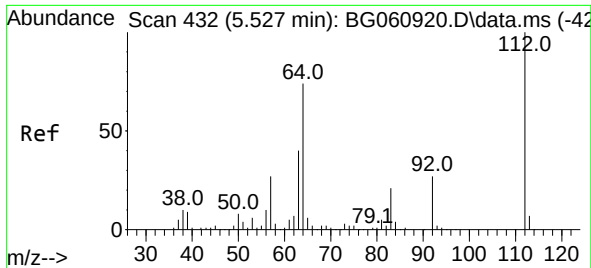


#4
 n-Nitrosodimethylamine
 Concen: 41.929 ng
 RT: 3.745 min Scan# 129
 Delta R.T. -0.007 min
 Lab File: BG060927.D
 Acq: 17 Apr 2024 20:12



Tgt Ion: 42 Resp: 89057
 Ion Ratio Lower Upper
 42 100
 74 96.7 73.2 109.8
 44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 141.576 ng
RT: 5.532 min Scan# 432
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

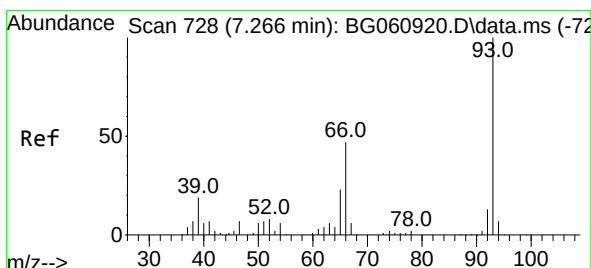
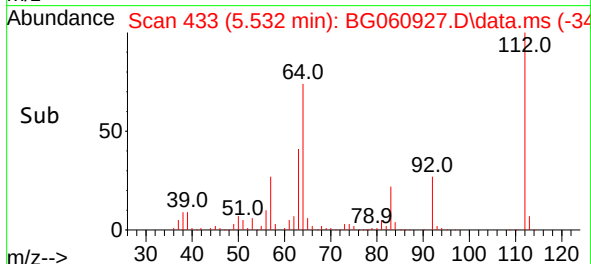
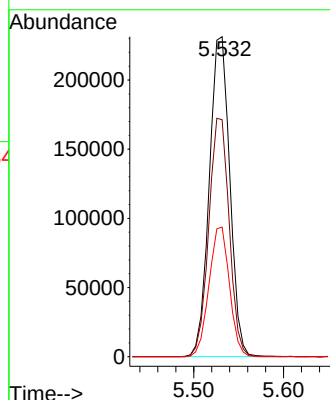
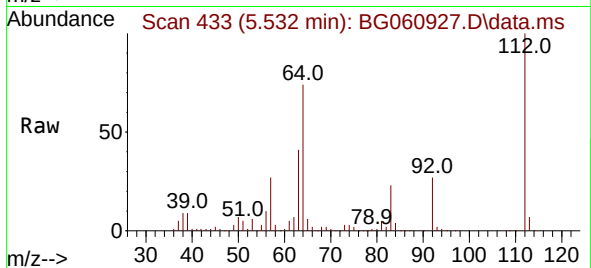
PB160330BS

Tgt Ion:112 Resp: 36639
Ion Ratio Lower Upper
112 100
64 74.1 58.9 88.3
63 40.5 32.1 48.1

Manual Integrations

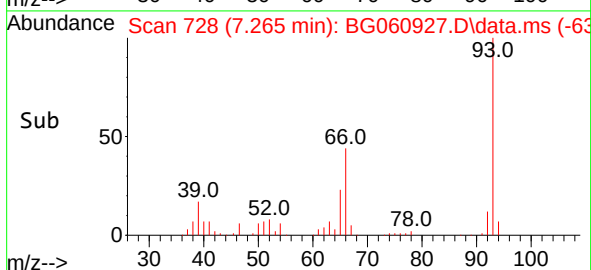
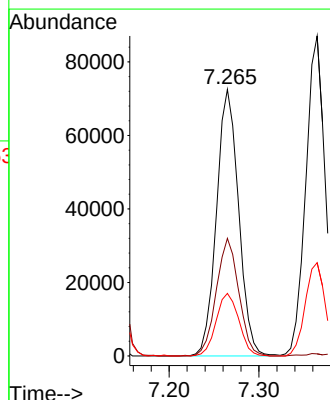
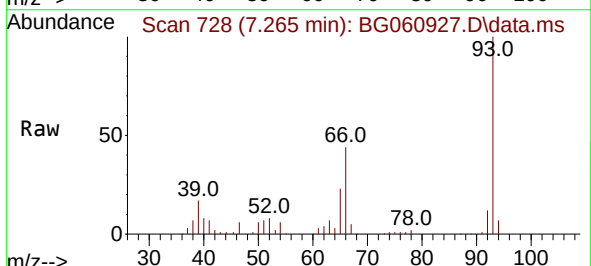
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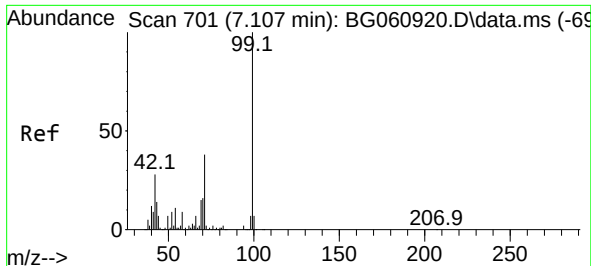
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 27.297 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

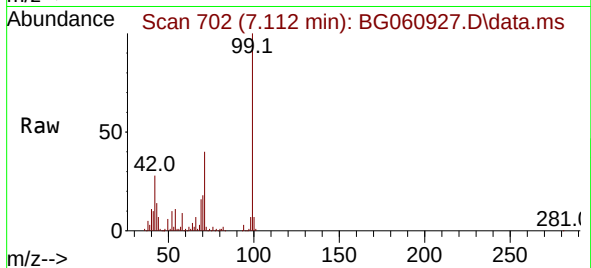
Tgt Ion: 93 Resp: 123991
Ion Ratio Lower Upper
93 100
66 44.1 37.8 56.8
65 23.5 18.7 28.1





#7
Phenol-d6
Concen: 141.822 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

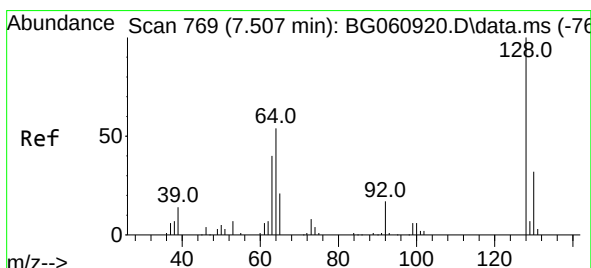
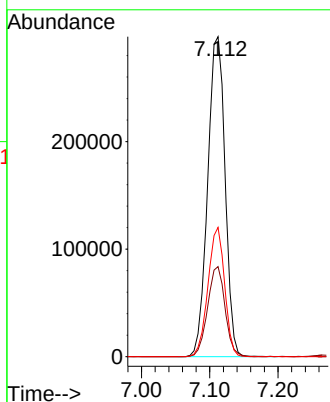
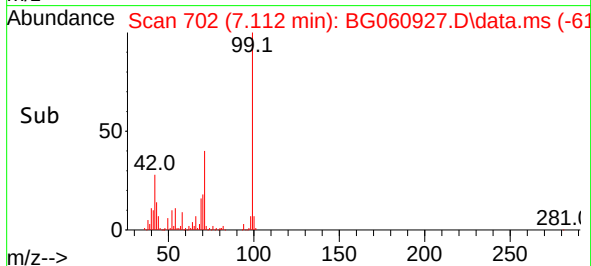
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 52873
Ion Ratio Lower Upper
99 100
42 28.2 22.2 33.2
71 40.4 30.5 45.7

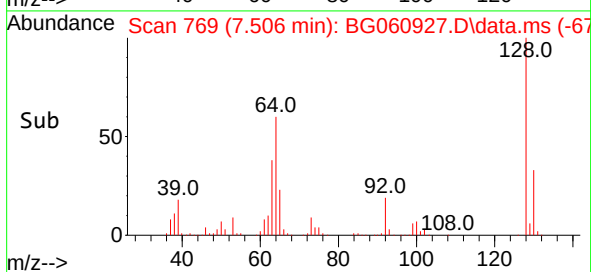
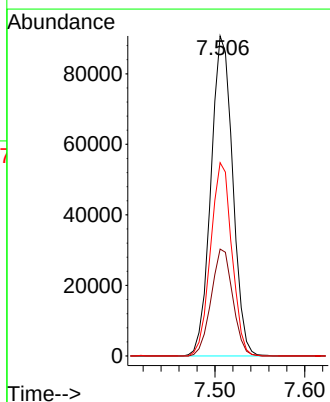
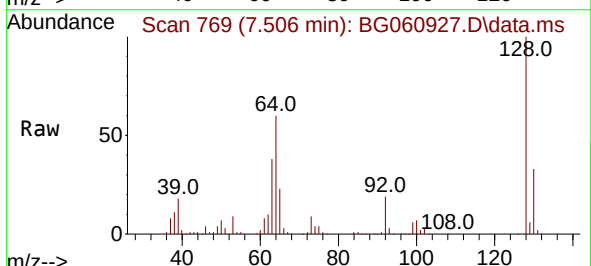
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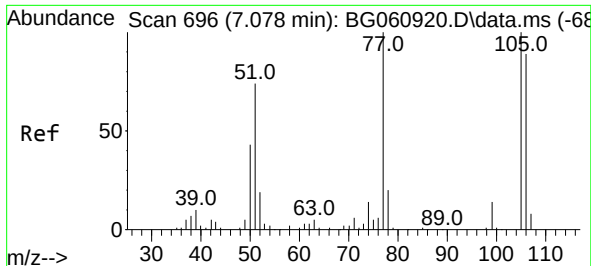
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#8
2-Chlorophenol
Concen: 51.824 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:128 Resp: 152578
Ion Ratio Lower Upper
128 100
130 33.4 11.7 51.7
64 60.4 37.8 77.8





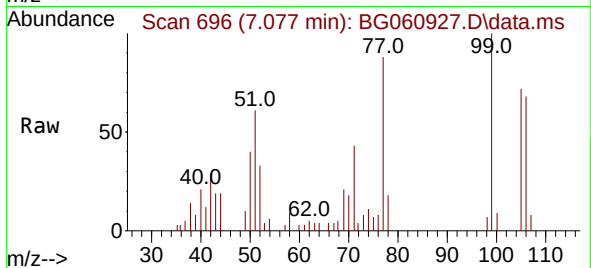
#9
Benzaldehyde
Concen: 4.346 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

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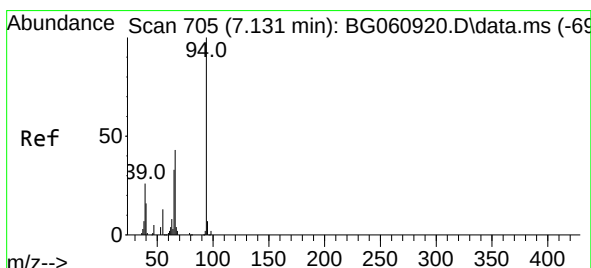
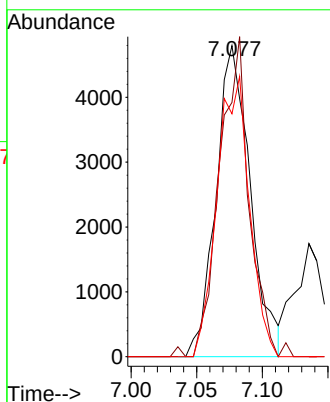
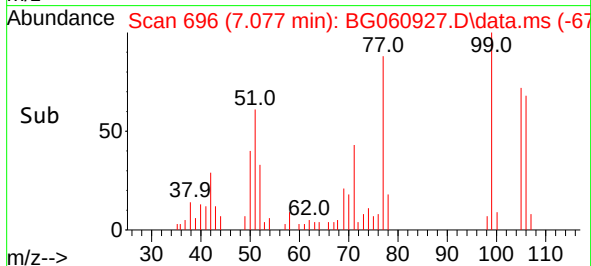


Tgt Ion: 77 Resp: 8702
Ion Ratio Lower Upper
77 100
105 81.7 79.9 119.9
106 78.1 69.3 109.3

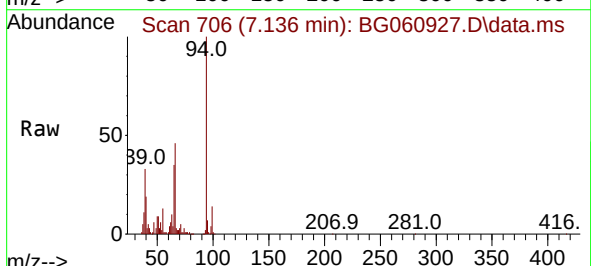
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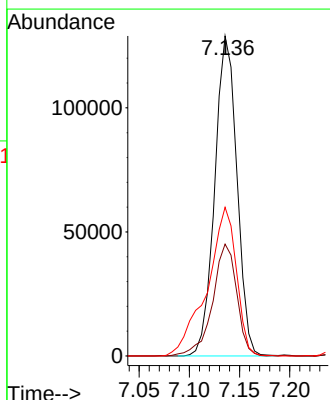
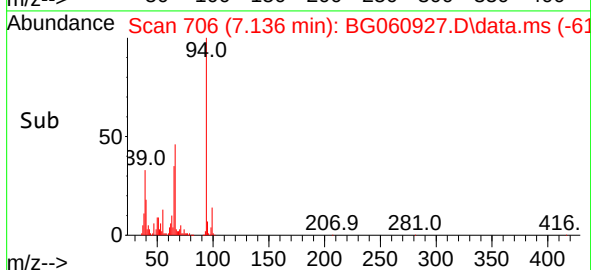
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

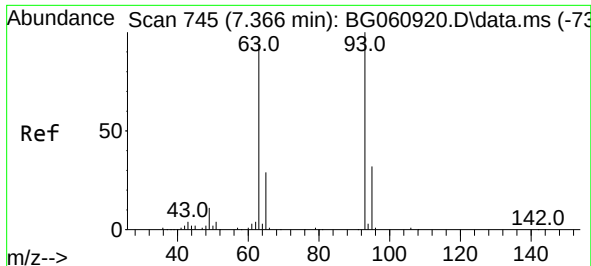


#10
Phenol
Concen: 52.933 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



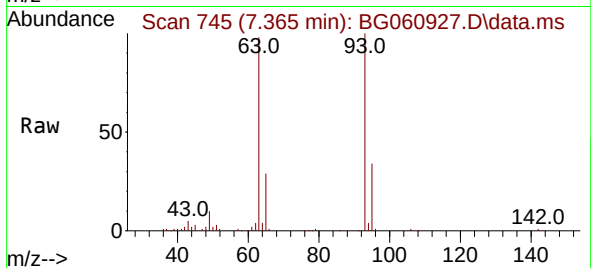
Tgt Ion: 94 Resp: 197776
Ion Ratio Lower Upper
94 100
65 35.0 13.6 53.6
66 46.5 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 45.055 ng
RT: 7.365 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

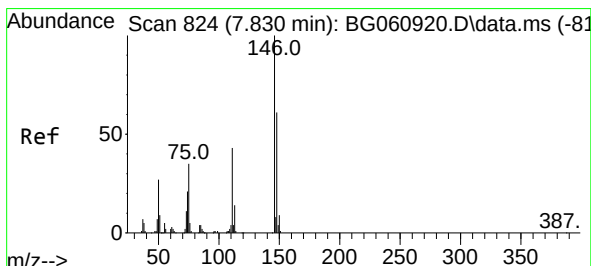
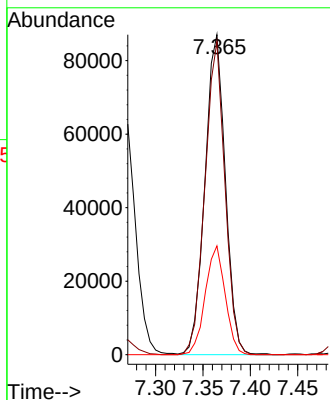
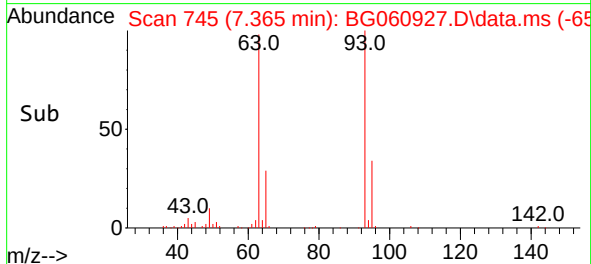
Instrument :
BNA_G
ClientSampleId :
PB160330BS



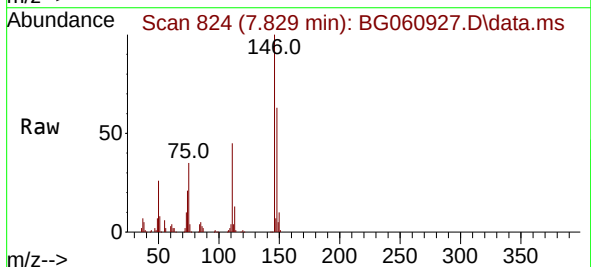
Tgt Ion: 93 Resp: 130570
Ion Ratio Lower Upper
93 100
63 97.8 74.0 114.0
95 34.0 12.7 52.7

Manual Integrations
APPROVED

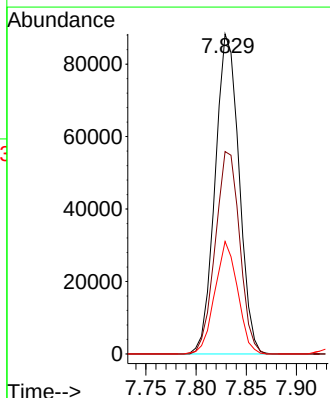
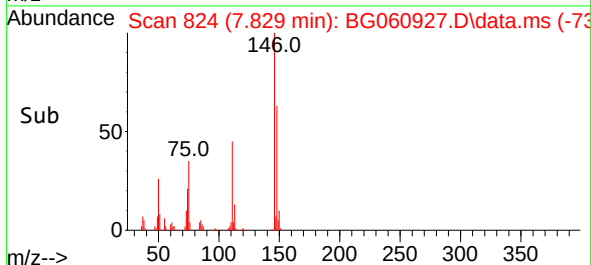
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

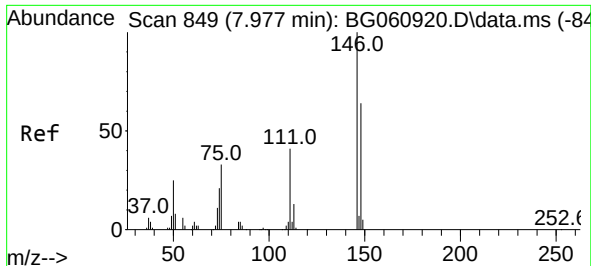


#12
1,3-Dichlorobenzene
Concen: 46.706 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:146 Resp: 146104
Ion Ratio Lower Upper
146 100
148 63.2 49.0 73.6
75 35.2 27.8 41.6





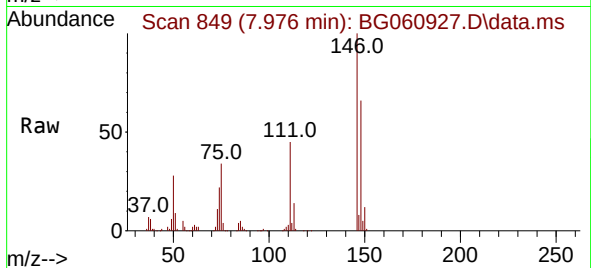
#13
1,4-Dichlorobenzene
Concen: 47.880 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



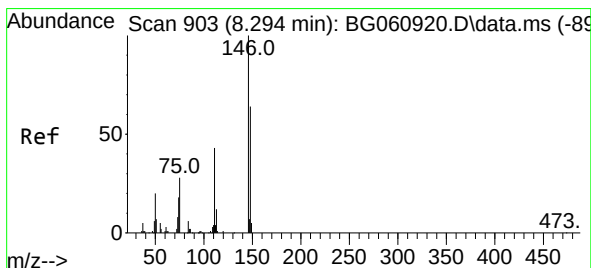
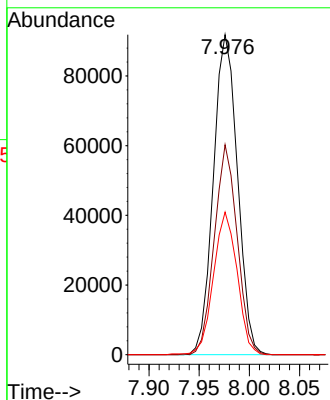
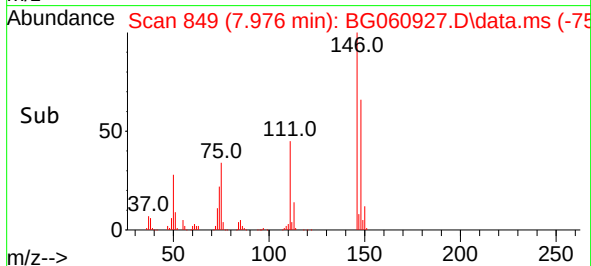
Tgt Ion:146 Resp: 15333
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.2
111 44.6 32.8 49.2

Manual Integrations

APPROVED

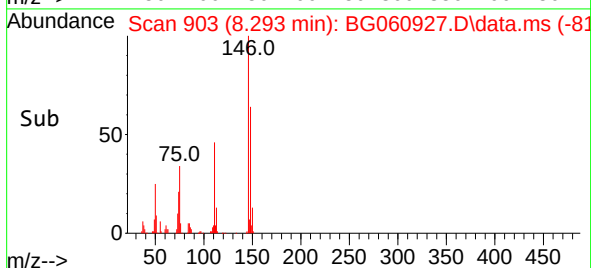
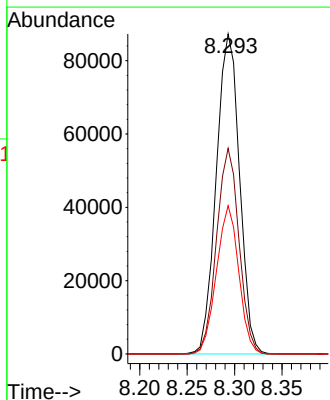
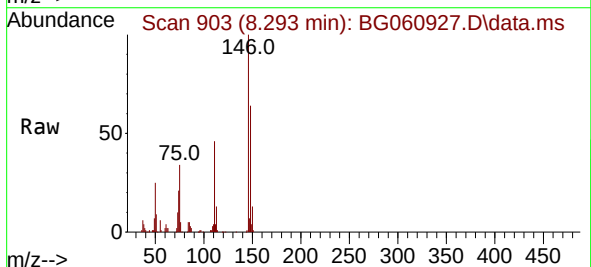
Reviewed By :Yogesh Patel 04/22/2024

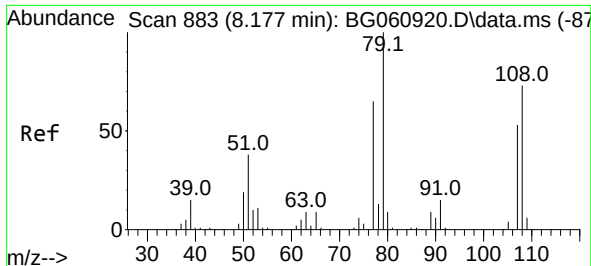
Supervised By :mohammad ahmed 04/22/2024



#14
1,2-Dichlorobenzene
Concen: 47.860 ng
RT: 8.293 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:146 Resp: 149042
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 46.4 35.2 52.8





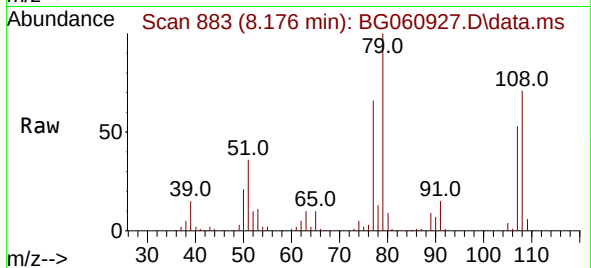
#15
Benzyl Alcohol
Concen: 45.566 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

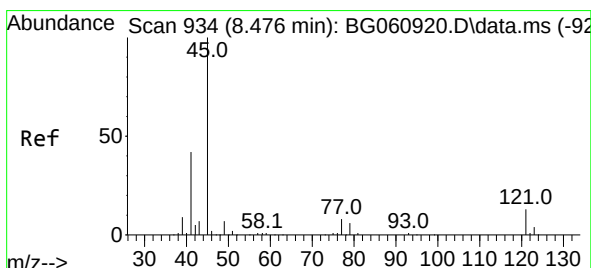
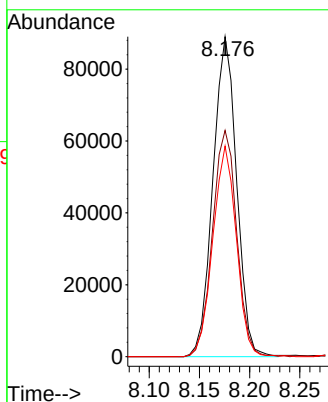
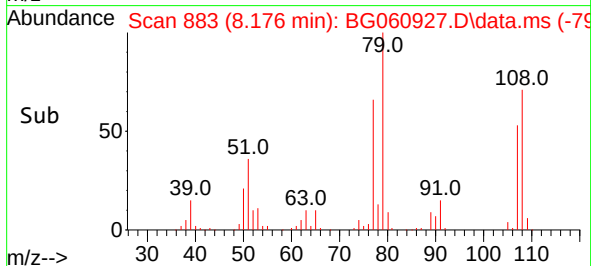


Tgt Ion: 79 Resp: 146134
Ion Ratio Lower Upper
79 100
108 70.7 58.6 87.8
77 65.8 51.9 77.9

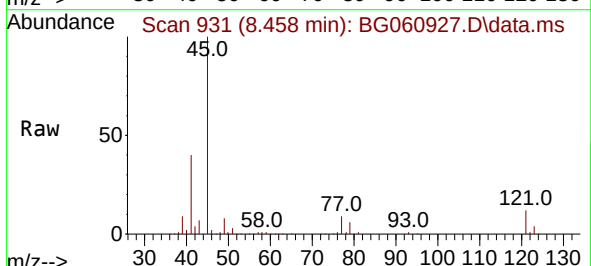
Manual Integrations

APPROVED

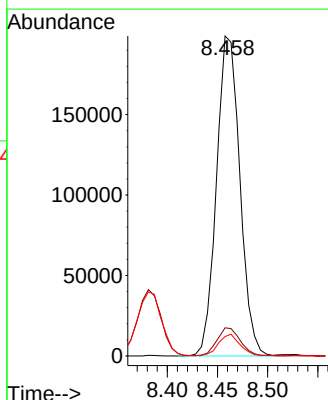
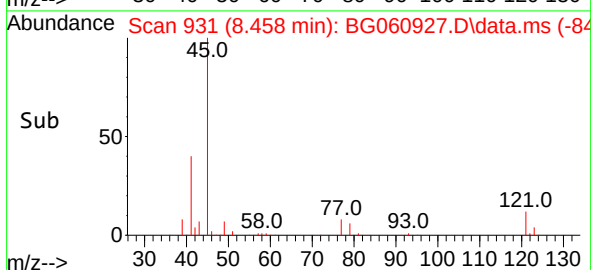
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

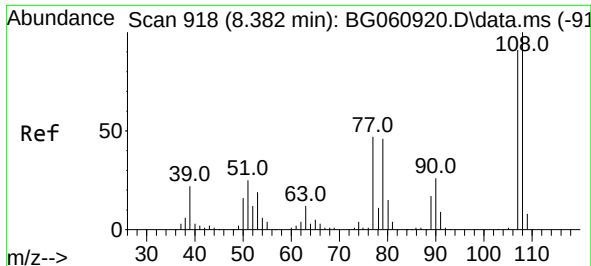


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.014 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.019 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion: 45 Resp: 322282
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 6.1 0.0 27.2





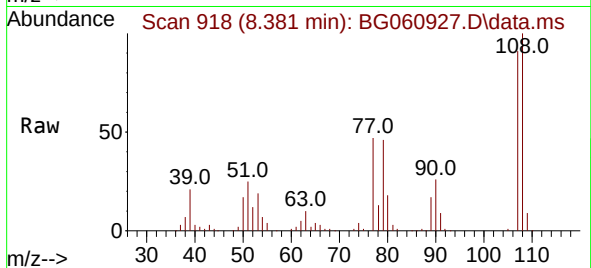
#17
2-Methylphenol
Concen: 45.150 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

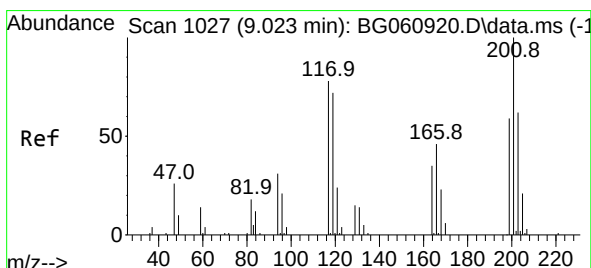
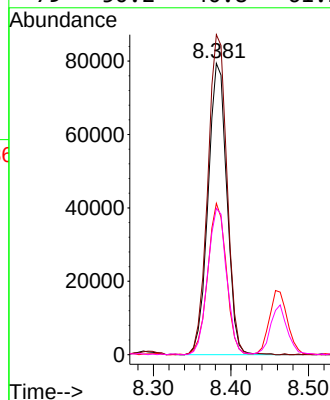
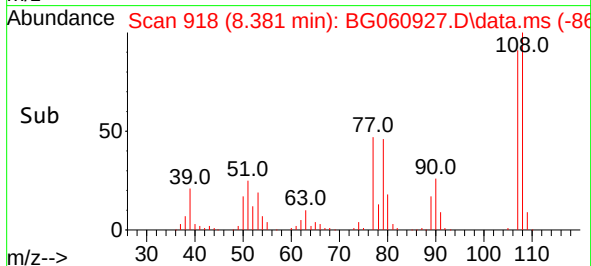


Tgt Ion:107 Resp: 13329
Ion Ratio Lower Upper
107 100
108 109.8 88.3 132.5
77 52.0 41.4 62.0
79 50.2 40.8 61.2

Manual Integrations

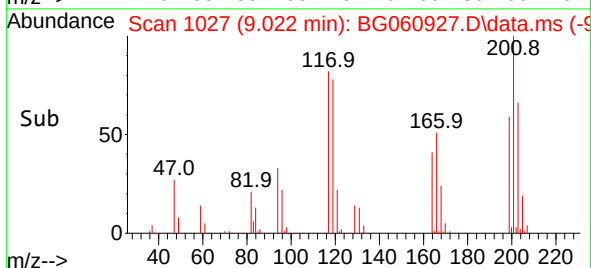
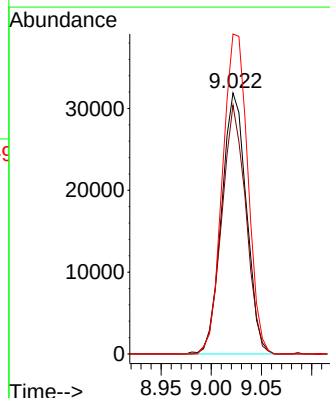
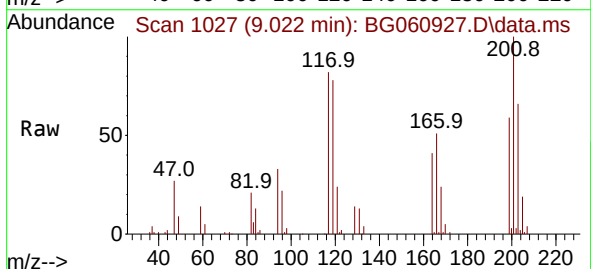
APPROVED

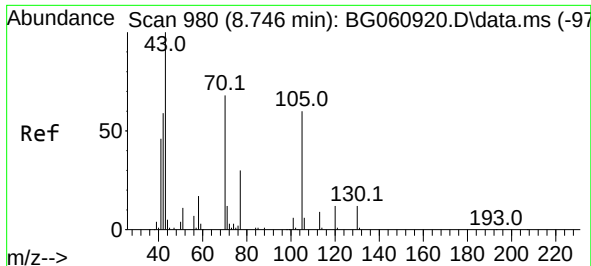
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 48.090 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:117 Resp: 54686
Ion Ratio Lower Upper
117 100
119 95.3 73.8 110.6
201 122.6 102.9 154.3





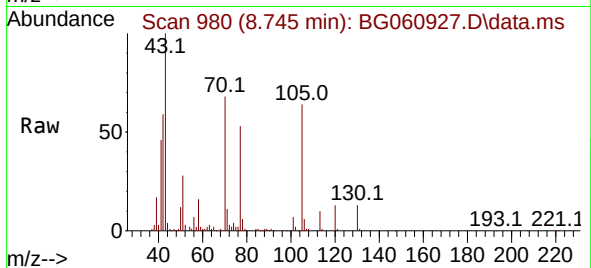
#19
n-Nitroso-di-n-propylamine
Concen: 43.154 ng
RT: 8.745 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

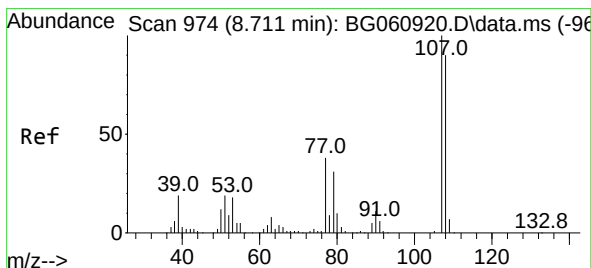
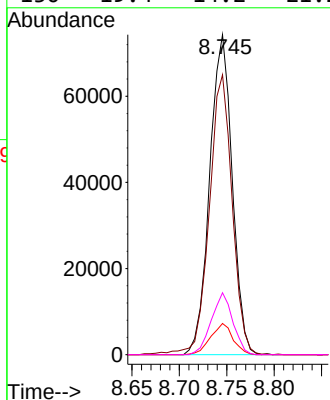
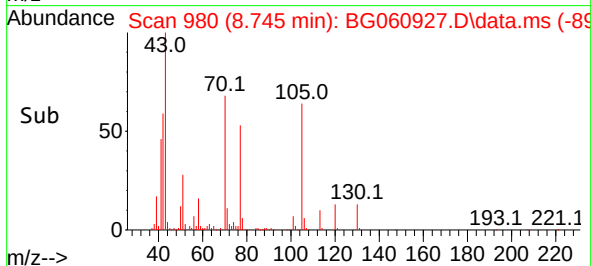


Tgt Ion: 70 Resp: 12254
Ion Ratio Lower Upper
70 100
42 87.5 70.9 106.3
101 9.7 7.0 10.4
130 19.4 14.2 21.2

Manual Integrations

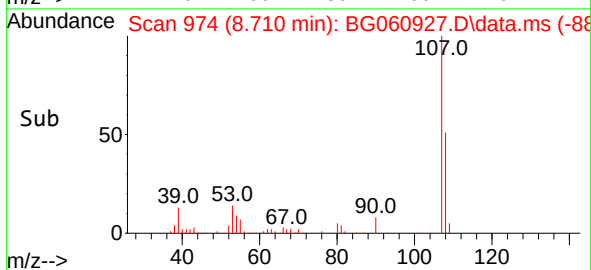
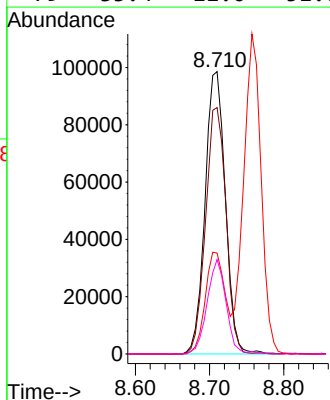
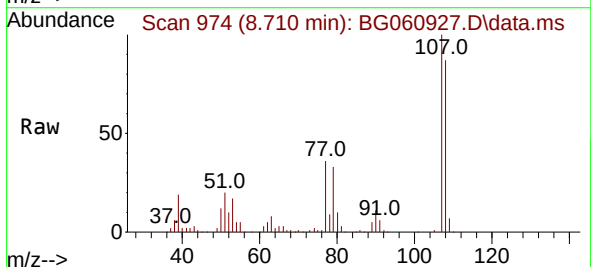
APPROVED

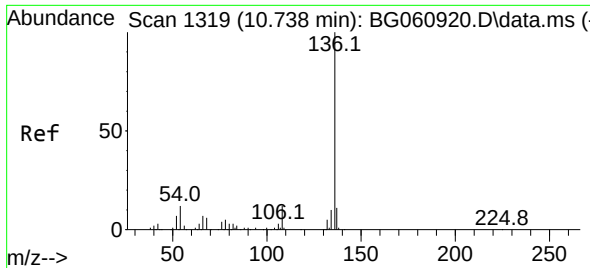
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 45.816 ng
RT: 8.710 min Scan# 974
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:107 Resp: 187647
Ion Ratio Lower Upper
107 100
108 87.2 69.9 109.9
77 35.8 17.5 57.5
79 33.4 11.0 51.0





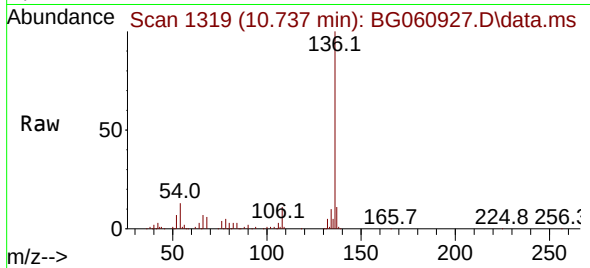
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



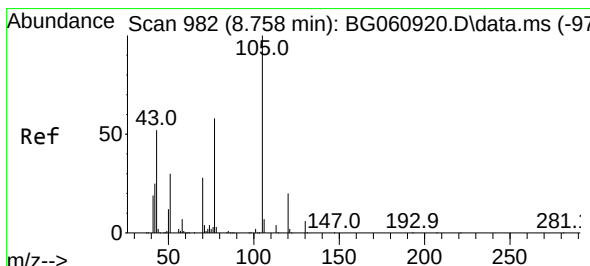
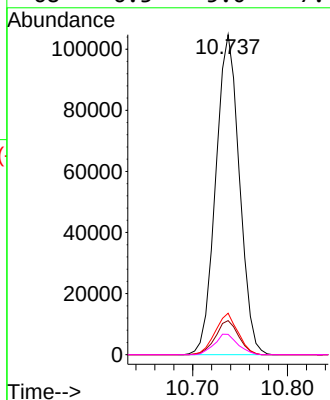
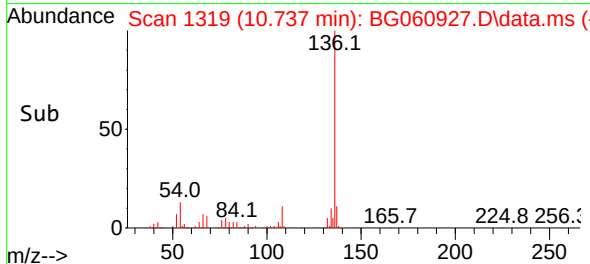
Tgt Ion:136 Resp: 18184
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 13.0 9.8 14.8
68 6.3 5.0 7.4

Manual Integrations

APPROVED

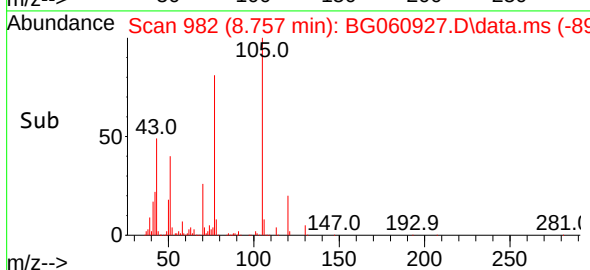
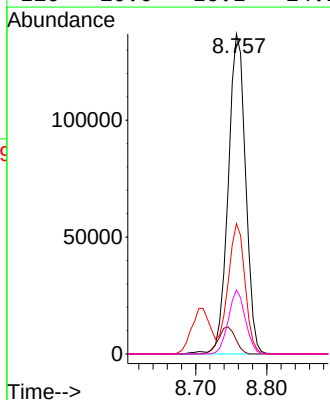
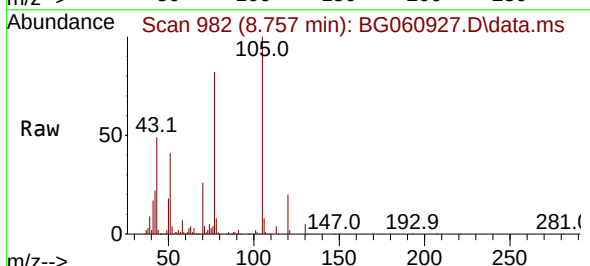
Reviewed By :Yogesh Patel 04/22/2024

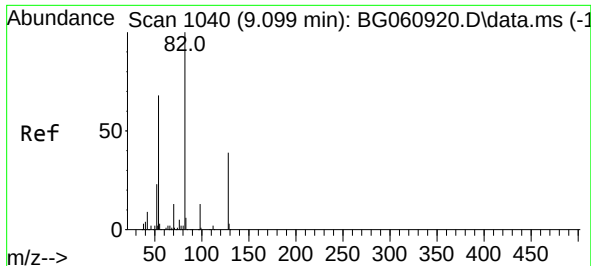
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 44.967 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:105 Resp: 232861
Ion Ratio Lower Upper
105 100
71 4.3 3.8 5.6
51 40.7 32.1 48.1
120 20.0 16.1 24.1





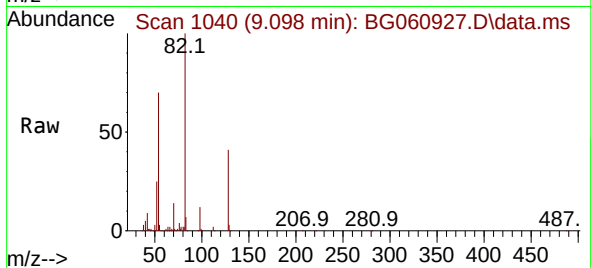
#23
Nitrobenzene-d5
Concen: 85.256 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



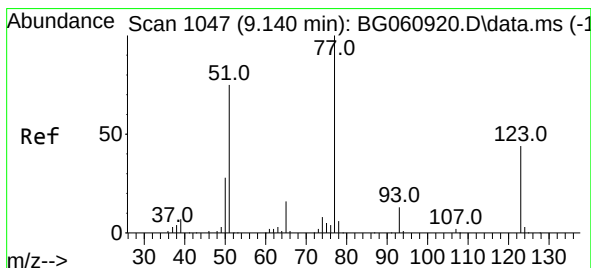
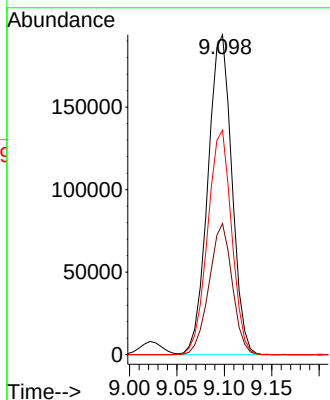
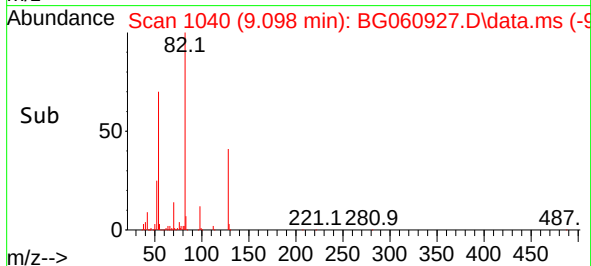
Tgt Ion: 82 Resp: 341499
Ion Ratio Lower Upper
82 100
128 40.9 31.4 47.0
54 70.1 54.2 81.4

Manual Integrations

APPROVED

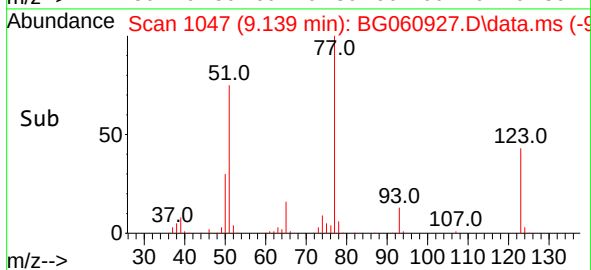
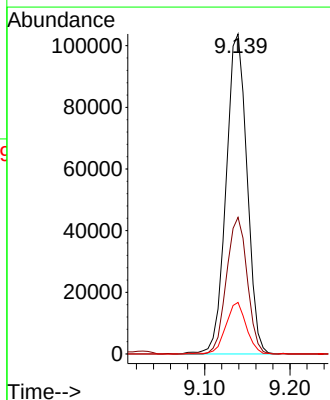
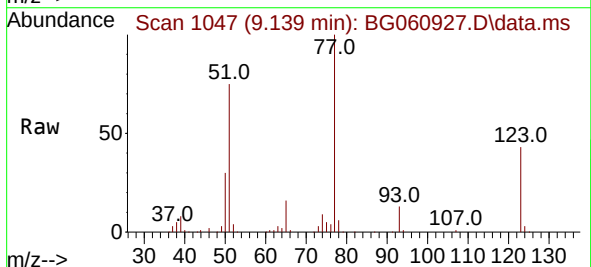
Reviewed By :Yogesh Patel 04/22/2024

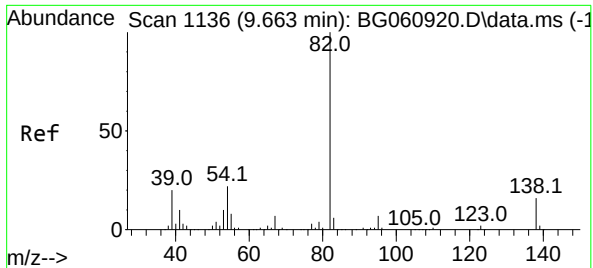
Supervised By :mohammad ahmed 04/22/2024



#24
Nitrobenzene
Concen: 45.011 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion: 77 Resp: 176943
Ion Ratio Lower Upper
77 100
123 42.7 34.8 52.2
65 16.1 12.6 19.0





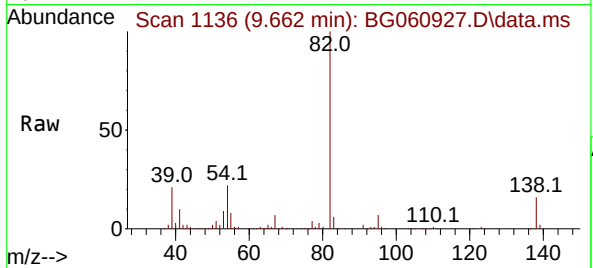
#25
Isophorone
Concen: 43.316 ng
RT: 9.662 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

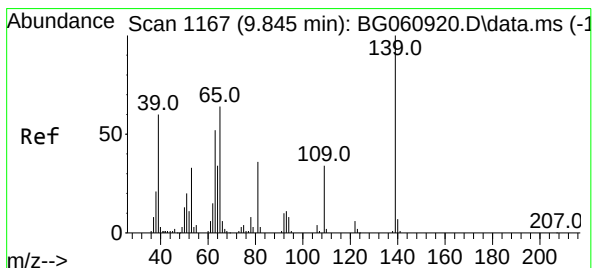
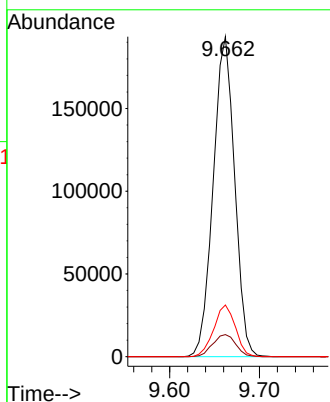
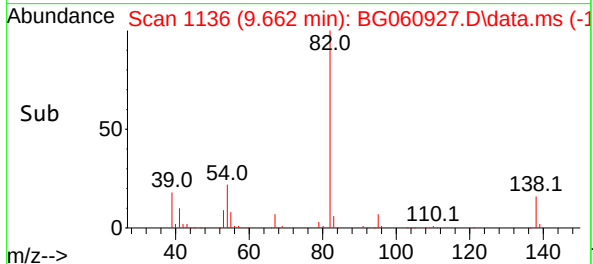


Tgt Ion: 82 Resp: 32018
Ion Ratio Lower Upper
82 100
95 6.9 5.9 8.9
138 16.1 12.7 19.1

Manual Integrations

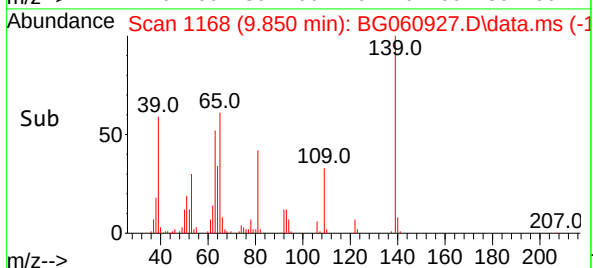
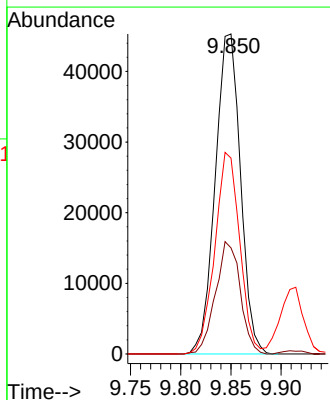
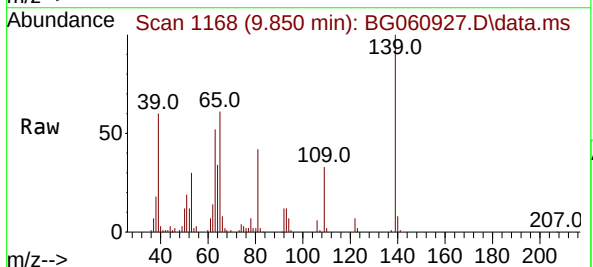
APPROVED

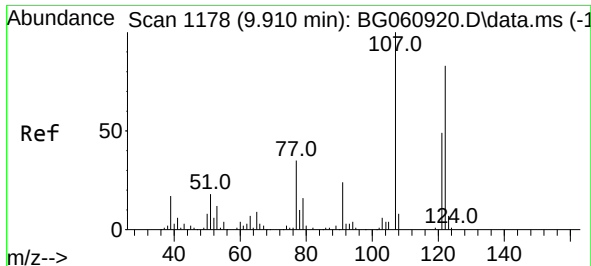
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#26
2-Nitrophenol
Concen: 47.985 ng
RT: 9.850 min Scan# 1168
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:139 Resp: 79246
Ion Ratio Lower Upper
139 100
109 33.1 26.9 40.3
65 61.2 51.4 77.2





#27

2,4-Dimethylphenol

Concen: 38.486 ng

RT: 9.909 min Scan# 1178

Delta R.T. -0.001 min

Lab File: BG060927.D

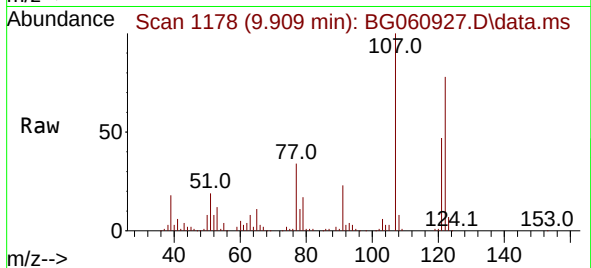
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



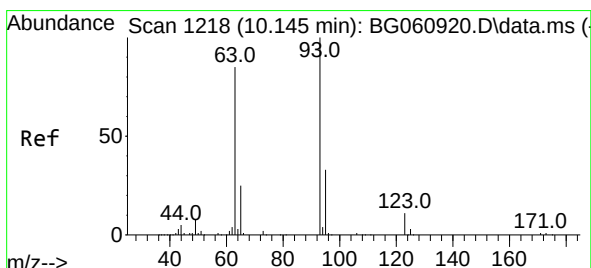
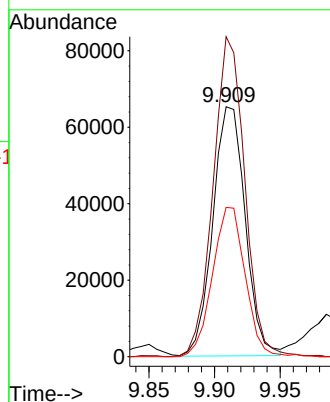
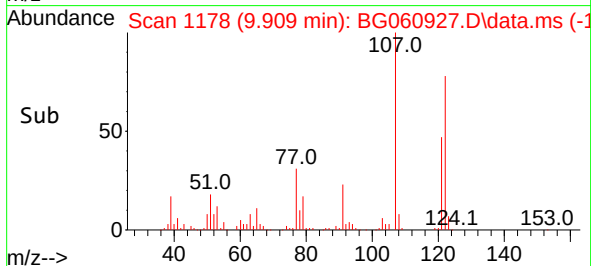
Tgt Ion:	122	Resp:	11198
Ion	Ratio	Lower	Upper
122	100		
107	128.0	96.6	144.8
121	59.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.370 ng

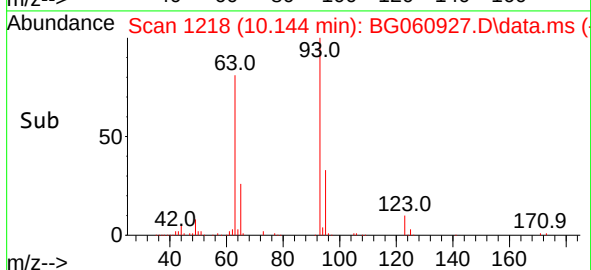
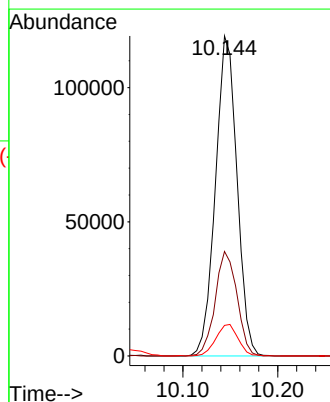
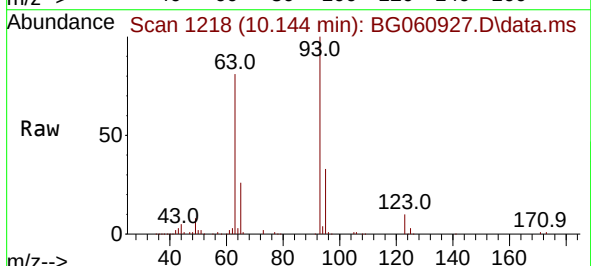
RT: 10.144 min Scan# 1218

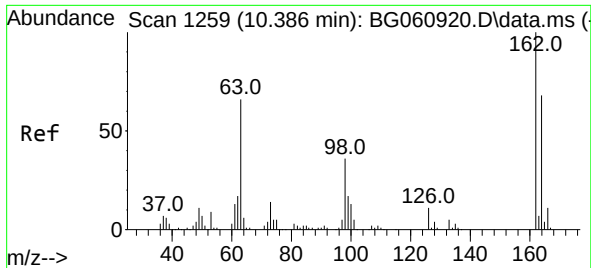
Delta R.T. -0.001 min

Lab File: BG060927.D

Acq: 17 Apr 2024 20:12

Tgt Ion:	93	Resp:	188577
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	9.6	8.9	13.3





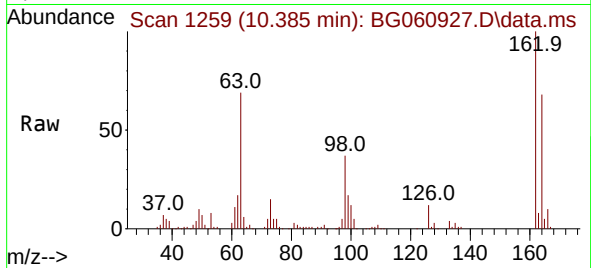
#29
2,4-Dichlorophenol
Concen: 48.908 ng
RT: 10.385 min Scan# 1259
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



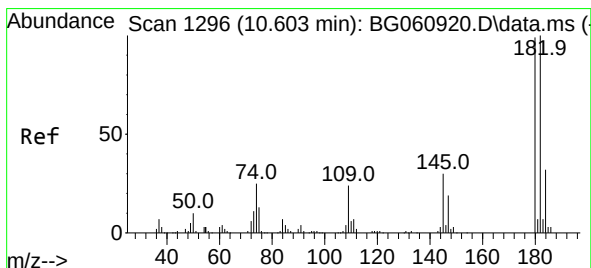
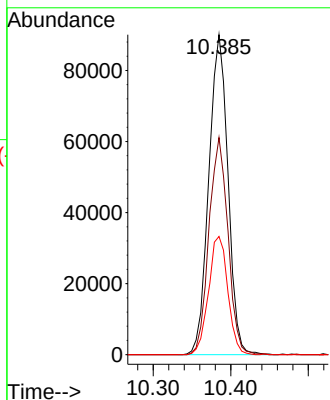
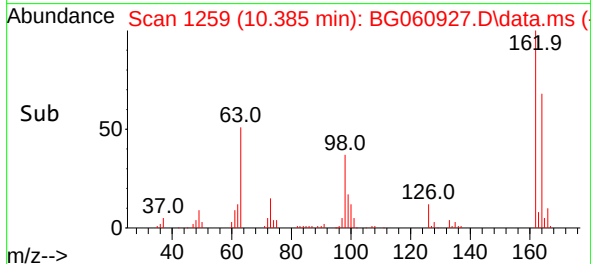
Tgt Ion:162 Resp: 15440
Ion Ratio Lower Upper
162 100
164 67.9 48.1 88.1
98 37.0 16.1 56.1

Manual Integrations

APPROVED

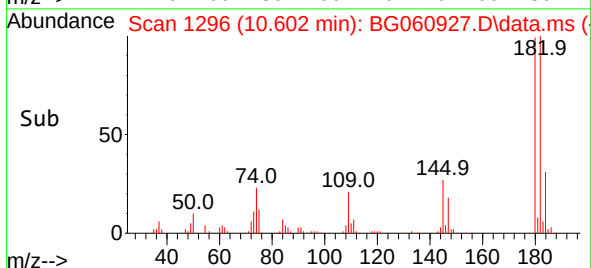
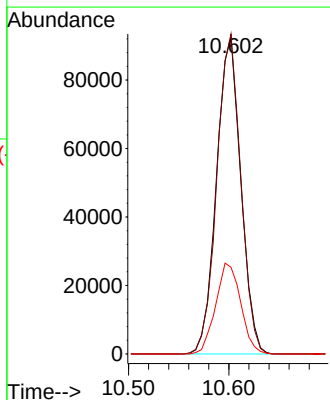
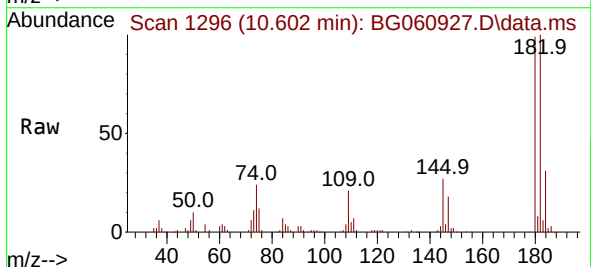
Reviewed By :Yogesh Patel 04/22/2024

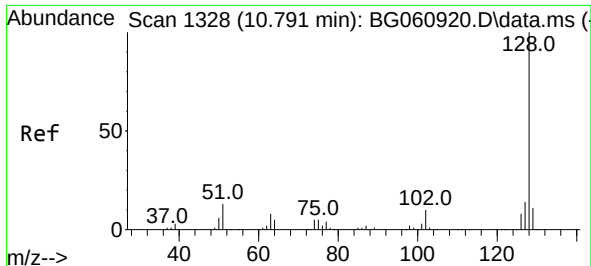
Supervised By :mohammad ahmed 04/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.972 ng
RT: 10.602 min Scan# 1296
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:180 Resp: 155573
Ion Ratio Lower Upper
180 100
182 100.8 81.0 121.4
145 27.3 24.1 36.1





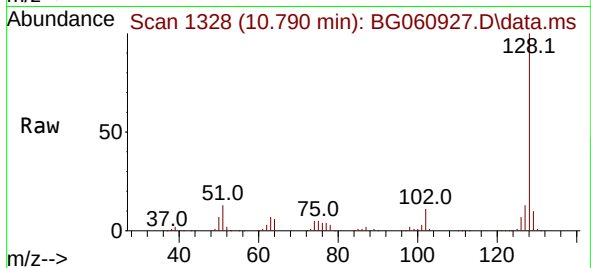
#31
Naphthalene
Concen: 44.727 ng
RT: 10.790 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



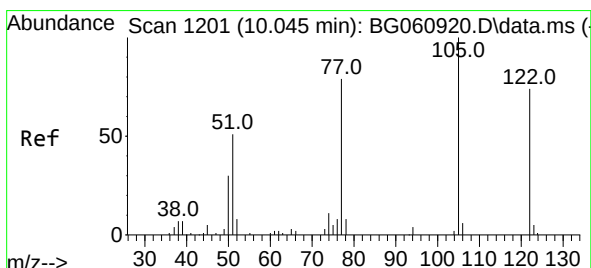
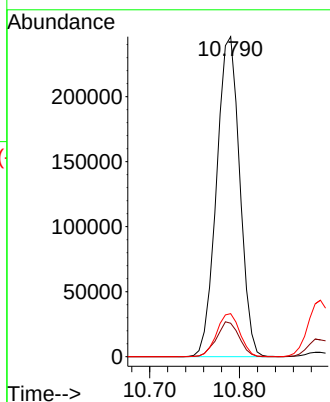
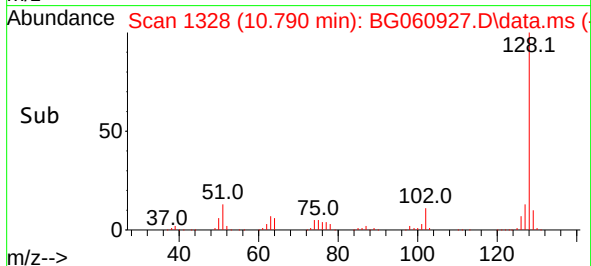
Tgt Ion:128 Resp: 439870
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 13.5 11.3 16.9

Manual Integrations

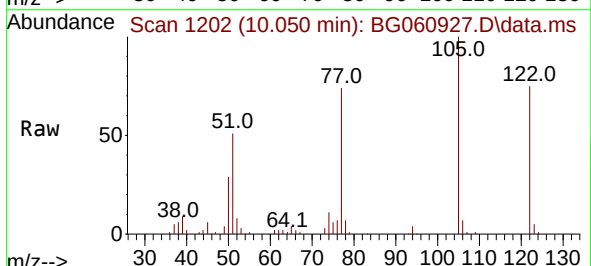
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

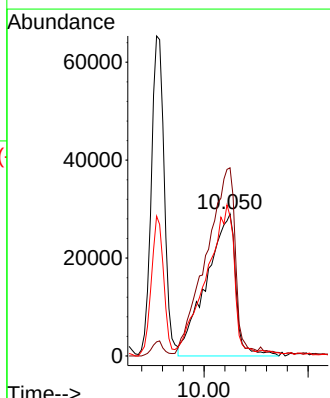
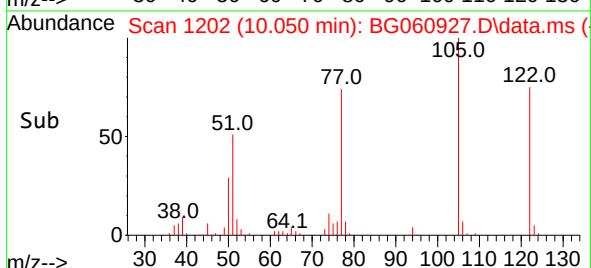
Supervised By :mohammad ahmed 04/22/2024

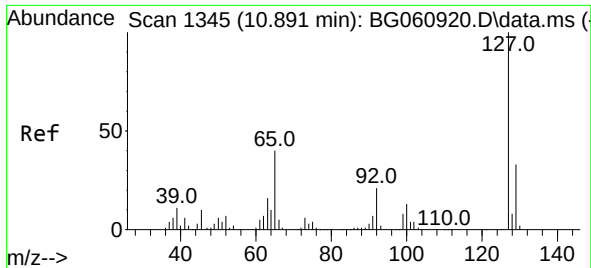


#32
Benzoic acid
Concen: 48.111 ng m
RT: 10.050 min Scan# 1202
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:122 Resp: 113317
Ion Ratio Lower Upper
122 100
105 132.6 109.8 149.8
77 98.5 84.1 124.1





#33
4-Chloroaniline
Concen: 17.471 ng
RT: 10.890 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

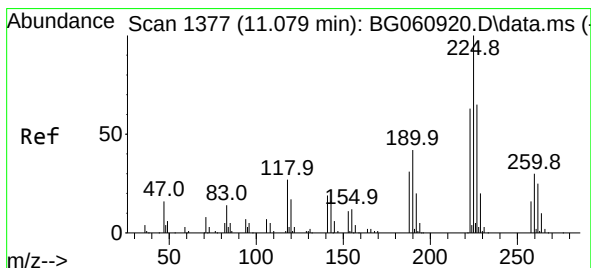
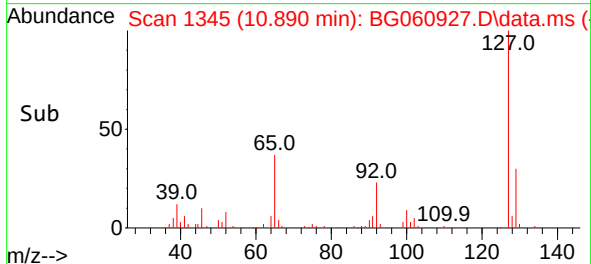
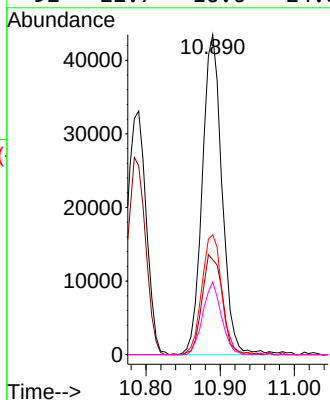
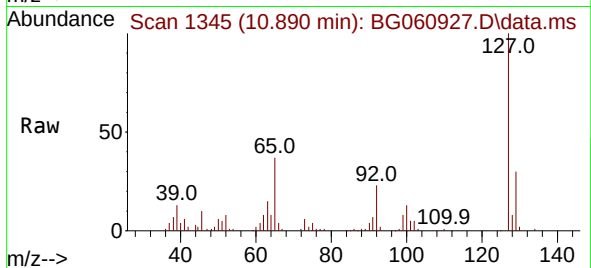
PB160330BS

Tgt Ion:127 Resp: 80529
Ion Ratio Lower Upper
127 100
129 29.7 26.8 40.2
65 37.4 32.3 48.5
92 22.7 16.6 24.8

Manual Integrations

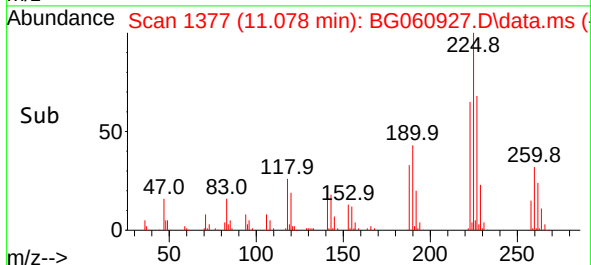
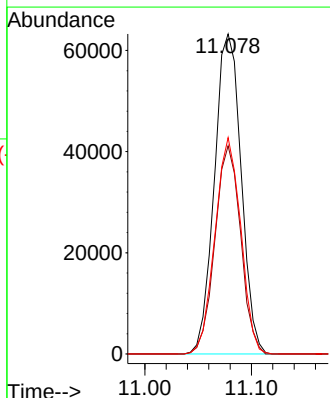
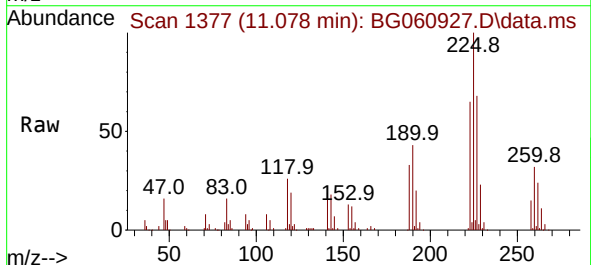
APPROVED

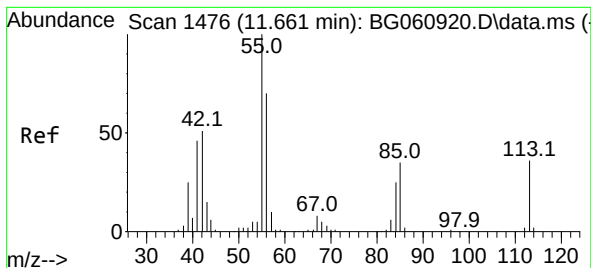
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#34
Hexachlorobutadiene
Concen: 45.722 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:225 Resp: 109993
Ion Ratio Lower Upper
225 100
223 65.0 50.2 75.2
227 67.6 51.7 77.5





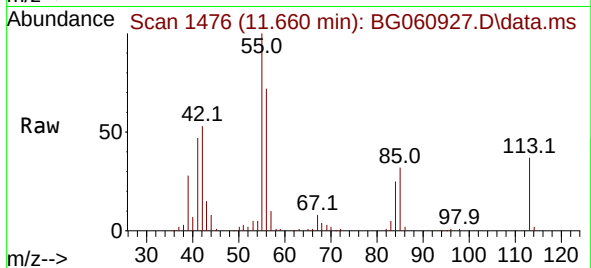
#35
Caprolactam
Concen: 45.784 ng m
RT: 11.660 min Scan# 1476
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



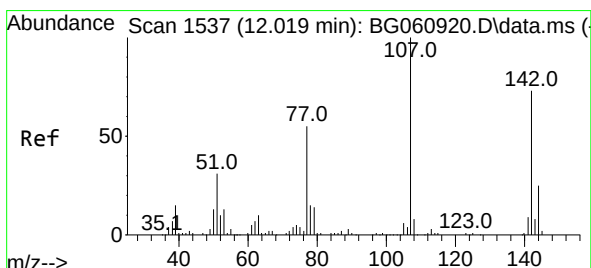
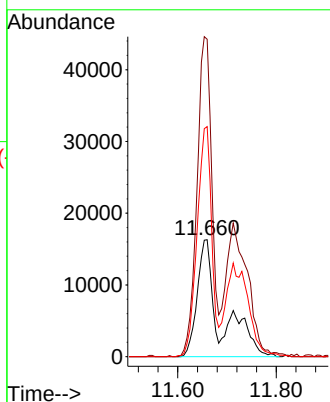
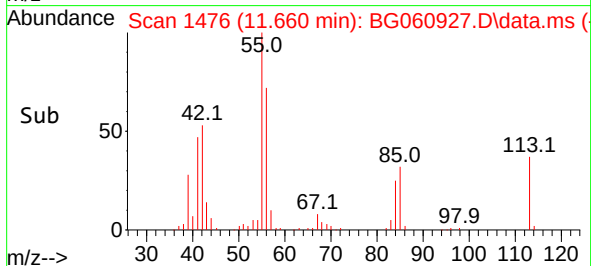
Tgt Ion:113 Resp: 53329
Ion Ratio Lower Upper
113 100
55 271.3 262.6 302.6
56 196.6 177.0 217.0

Manual Integrations

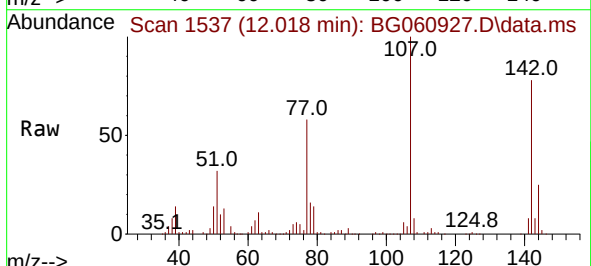
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

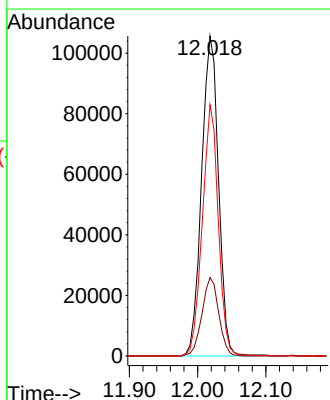
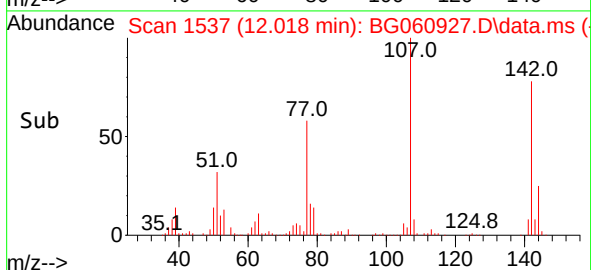
Supervised By :mohammad ahmed 04/22/2024

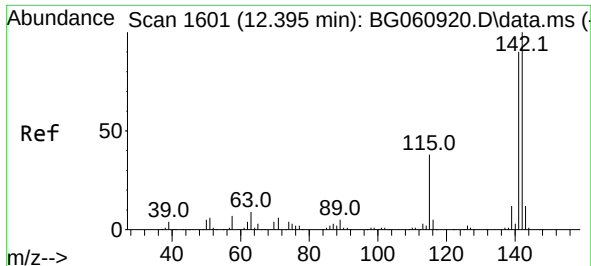


#36
4-Chloro-3-methylphenol
Concen: 47.776 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:107 Resp: 182296
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 78.5 58.2 87.2





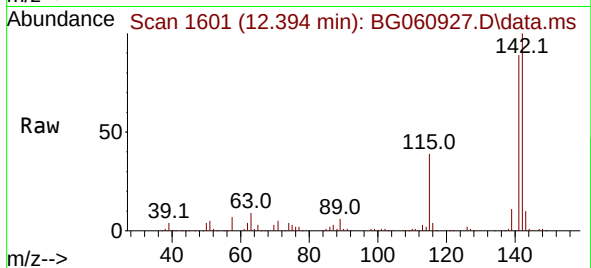
#37
2-Methylnaphthalene
Concen: 43.827 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



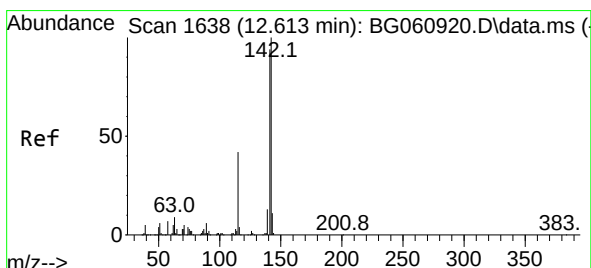
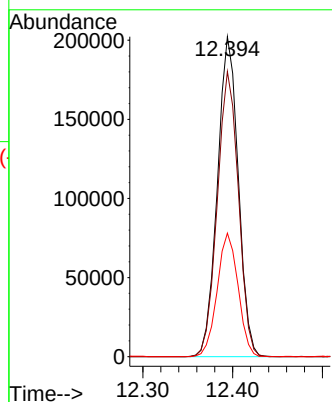
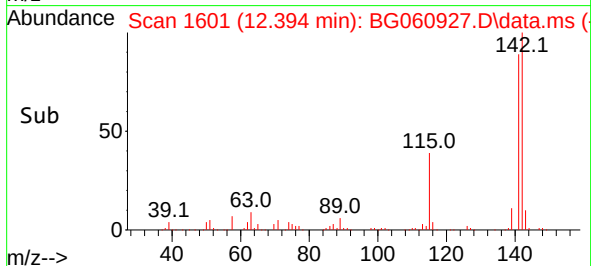
Tgt Ion:142 Resp: 326060
Ion Ratio Lower Upper
142 100
141 89.1 71.7 107.5
115 38.6 30.6 45.8

Manual Integrations

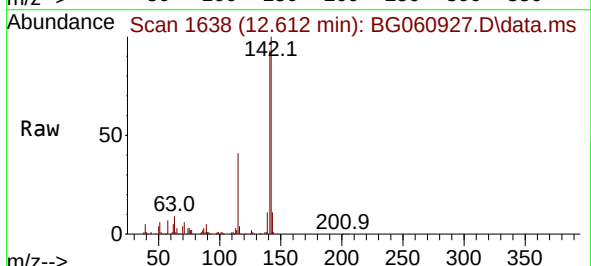
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

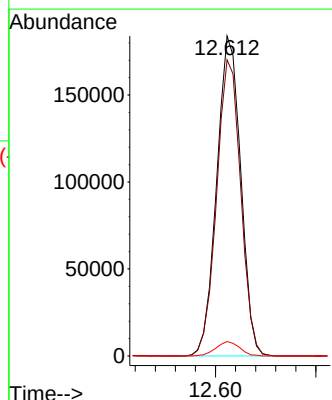
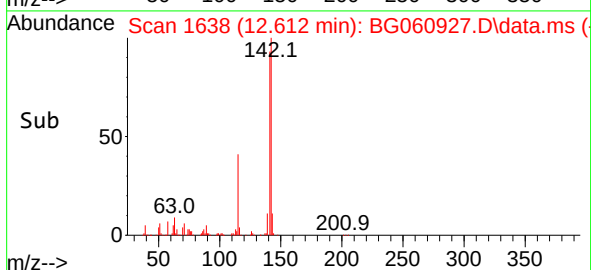
Supervised By :mohammad ahmed 04/22/2024

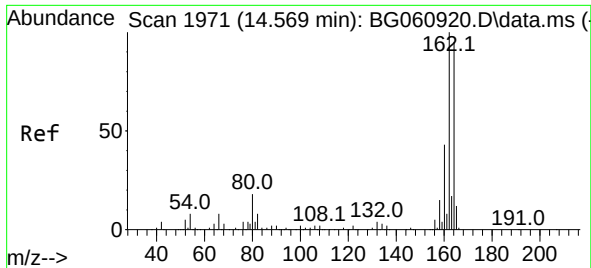


#38
1-Methylnaphthalene
Concen: 43.373 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:142 Resp: 304637
Ion Ratio Lower Upper
142 100
141 92.6 75.1 112.7
116 4.5 3.3 4.9





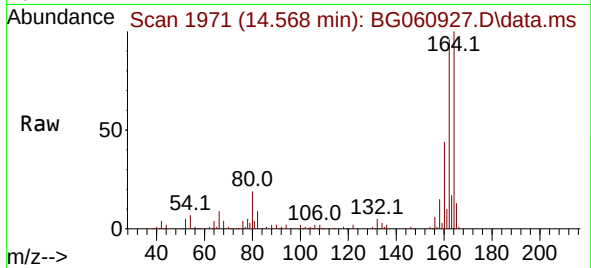
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



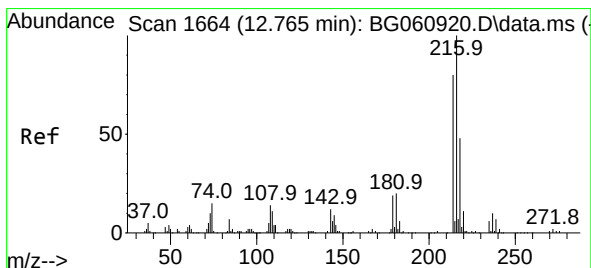
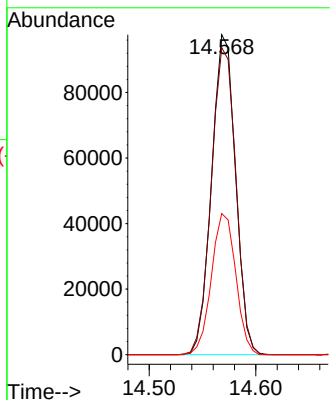
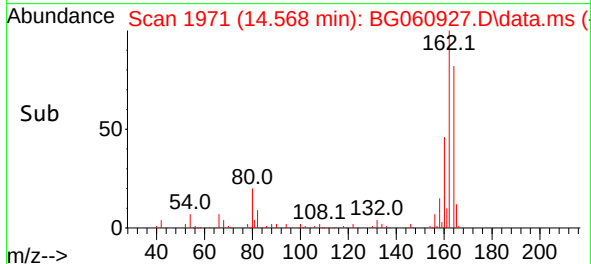
Tgt Ion:164 Resp: 15195
Ion Ratio Lower Upper
164 100
162 95.9 84.1 126.1
160 44.1 35.9 53.9

Manual Integrations

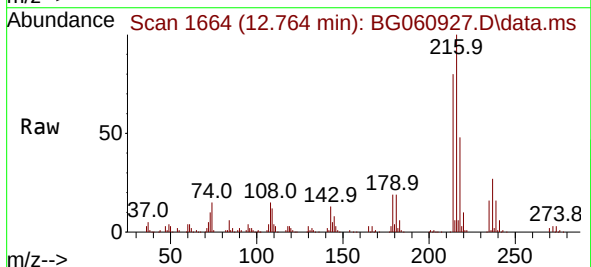
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

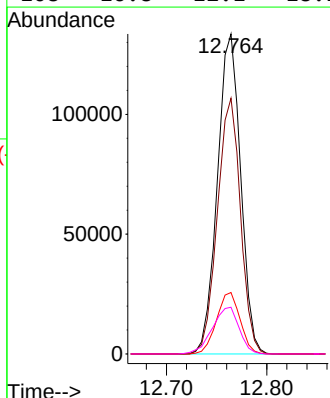
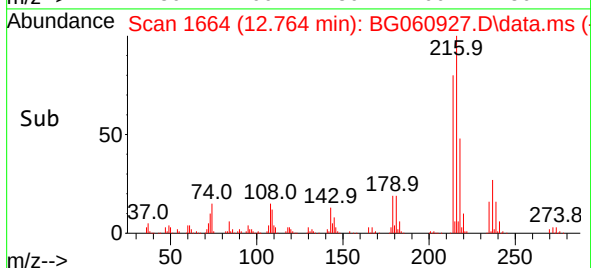
Supervised By :mohammad ahmed 04/22/2024

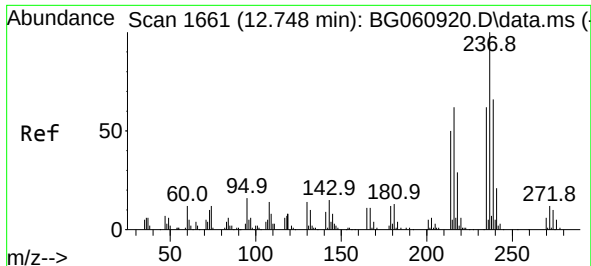


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.734 ng
RT: 12.764 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:216 Resp: 214442
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
179 19.5 15.2 22.8
108 16.8 12.1 18.1





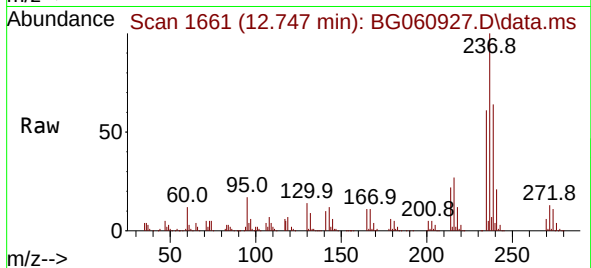
#41
Hexachlorocyclopentadiene
Concen: 107.032 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

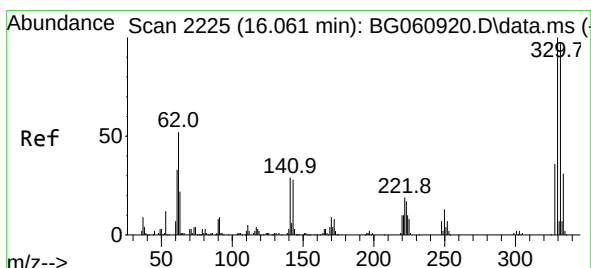
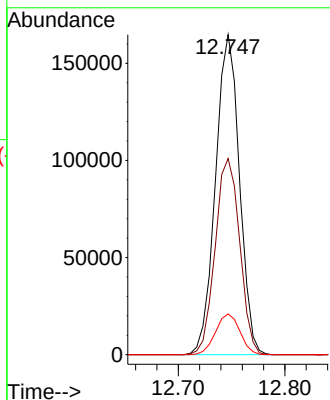
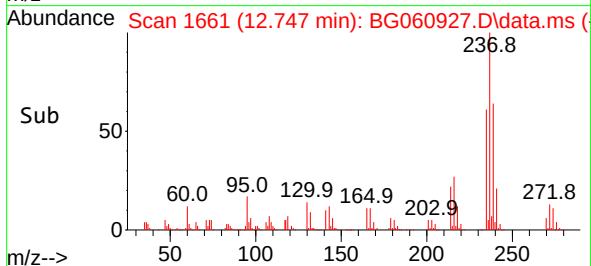


Tgt Ion:237 Resp: 256619
Ion Ratio Lower Upper
237 100
235 61.3 41.8 81.8
272 12.8 0.0 32.2

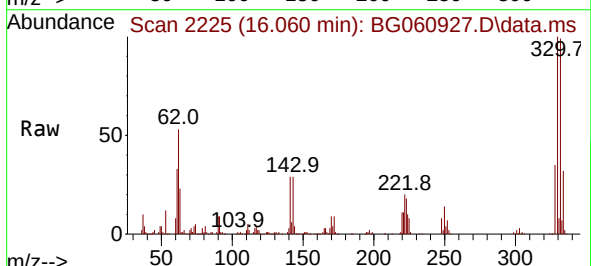
Manual Integrations

APPROVED

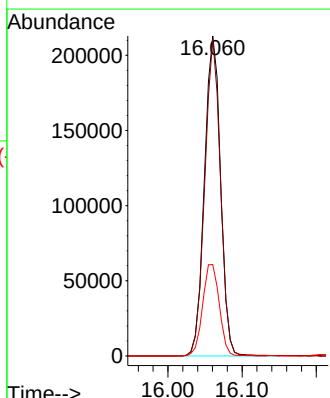
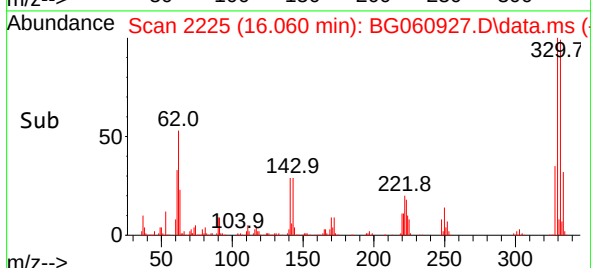
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

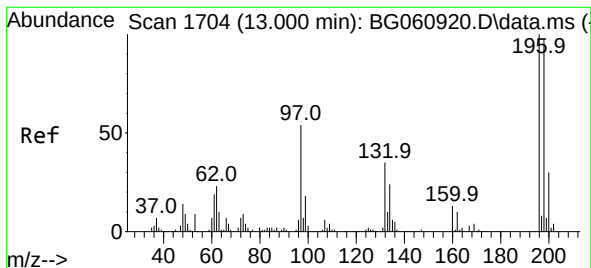


#42
2,4,6-Tribromophenol
Concen: 127.974 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:330 Resp: 321252
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 29.7 23.7 35.5





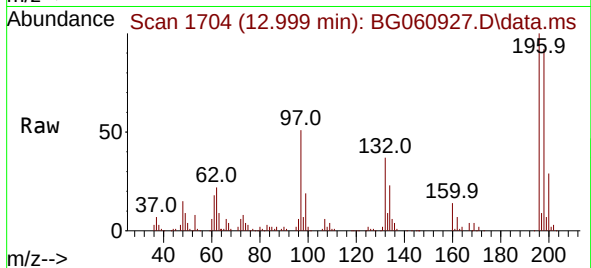
#43
2,4,6-Trichlorophenol
Concen: 46.960 ng
RT: 12.999 min Scan# 1716
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

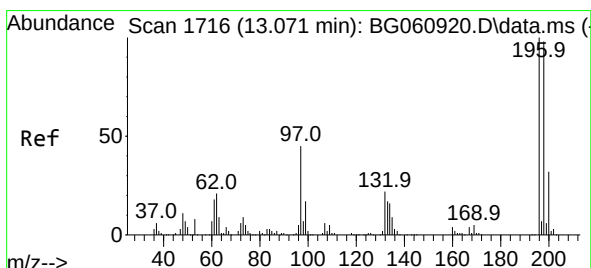
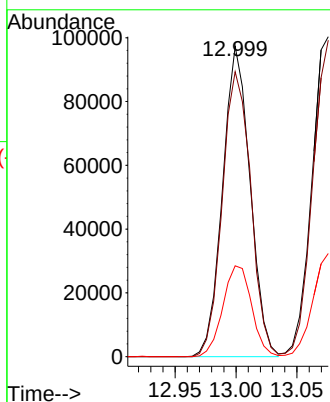
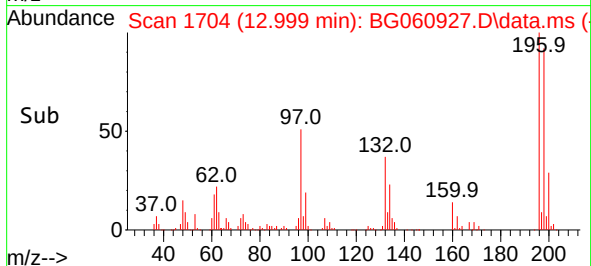


Tgt Ion:196 Resp: 15311
Ion Ratio Lower Upper
196 100
198 91.8 77.9 116.9
200 29.3 24.3 36.5

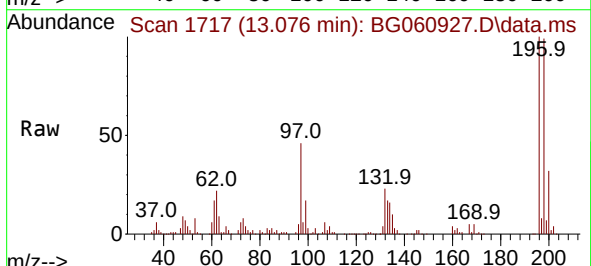
Manual Integrations

APPROVED

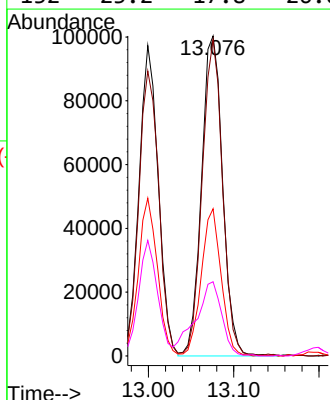
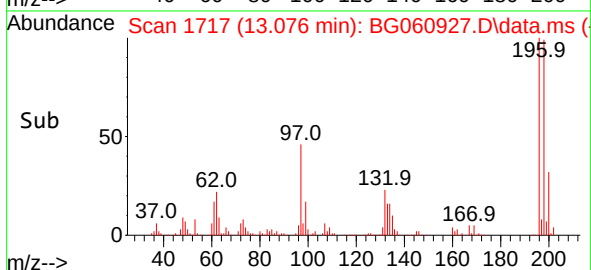
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

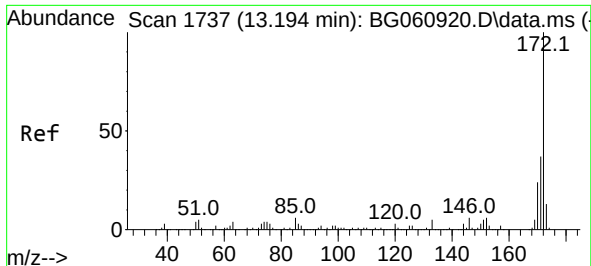


#44
2,4,5-Trichlorophenol
Concen: 43.935 ng
RT: 13.076 min Scan# 1717
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:196 Resp: 172761
Ion Ratio Lower Upper
196 100
198 98.9 78.2 117.4
97 46.0 35.9 53.9
132 23.2 17.8 26.6





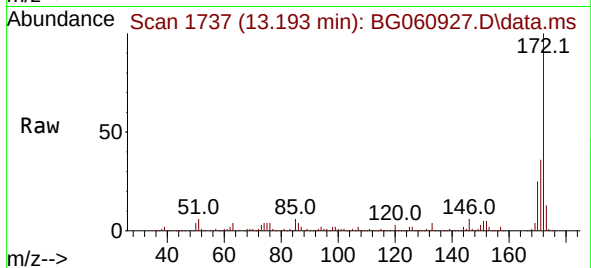
#45
2-Fluorobiphenyl
Concen: 84.087 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



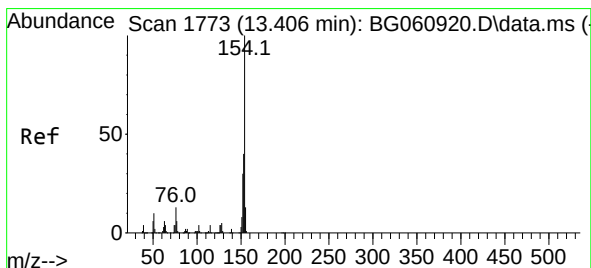
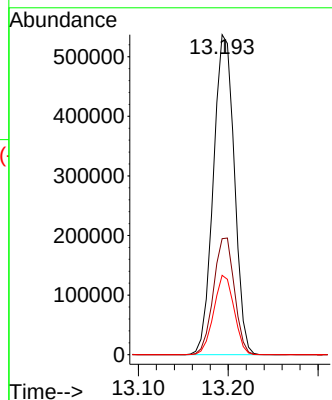
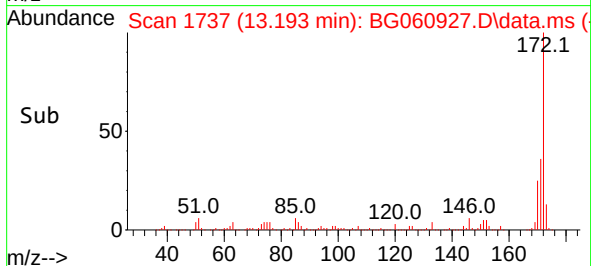
Tgt Ion:172 Resp: 870698
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.8 19.5 29.3

Manual Integrations

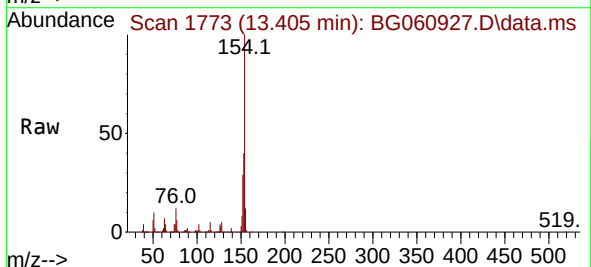
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

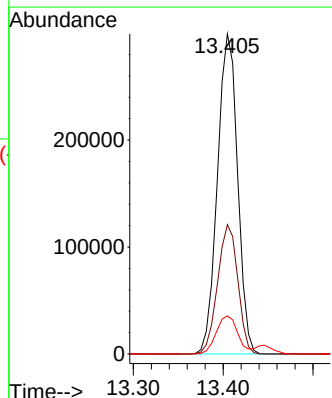
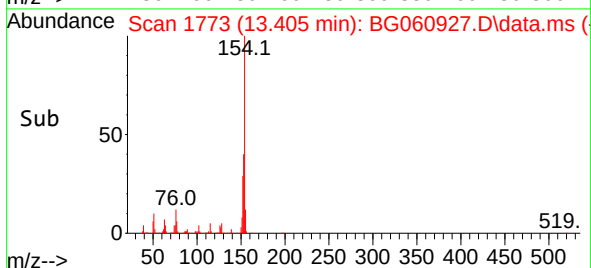
Supervised By :mohammad ahmed 04/22/2024

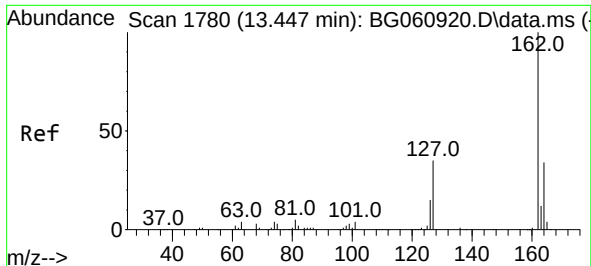


#46
1,1'-Biphenyl
Concen: 45.079 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:154 Resp: 465749
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 11.9 0.0 32.7





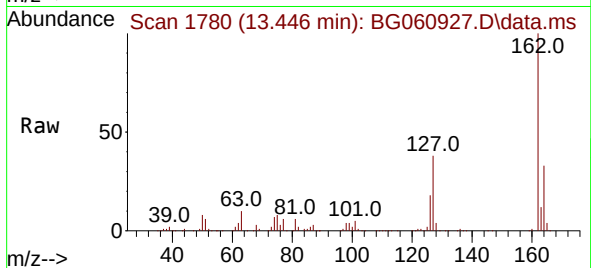
#47
2-Chloronaphthalene
Concen: 46.621 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



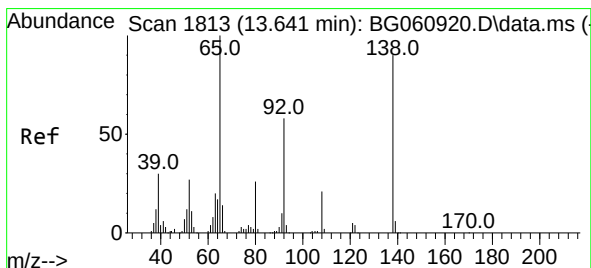
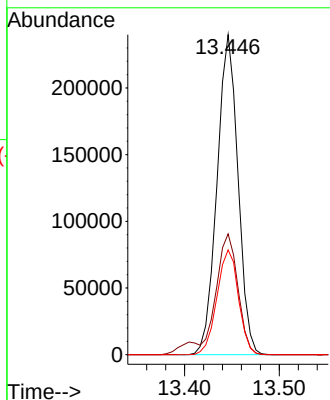
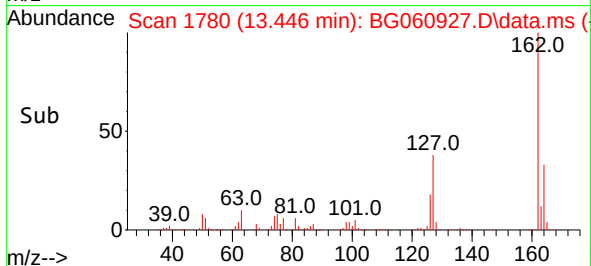
Tgt Ion:162 Resp: 368660
Ion Ratio Lower Upper
162 100
127 37.8 31.0 46.6
164 32.7 27.2 40.8

Manual Integrations

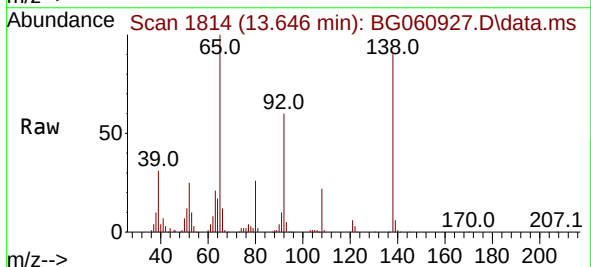
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

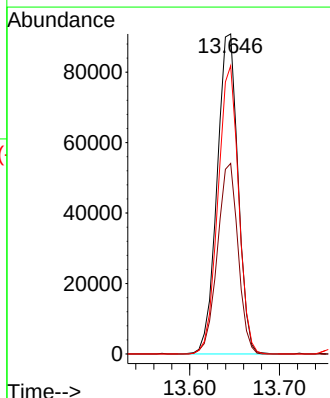
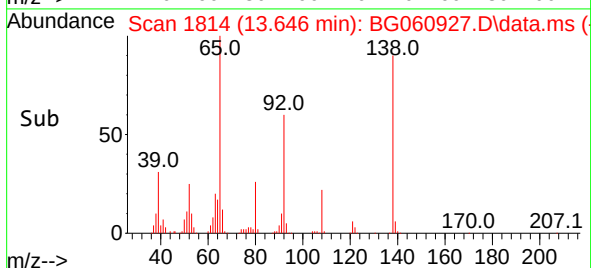
Supervised By :mohammad ahmed 04/22/2024

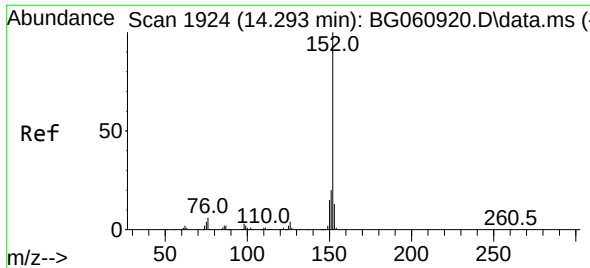


#48
2-Nitroaniline
Concen: 45.330 ng
RT: 13.646 min Scan# 1814
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion: 65 Resp: 147093
Ion Ratio Lower Upper
65 100
92 59.5 46.5 69.7
138 90.0 71.8 107.8





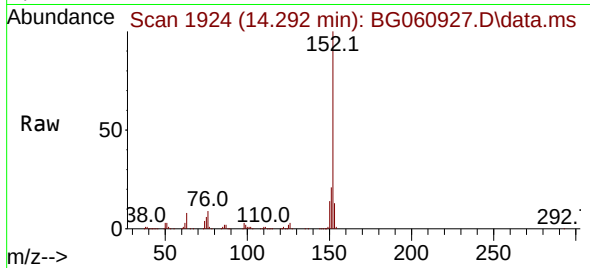
#49
Acenaphthylene
Concen: 47.445 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

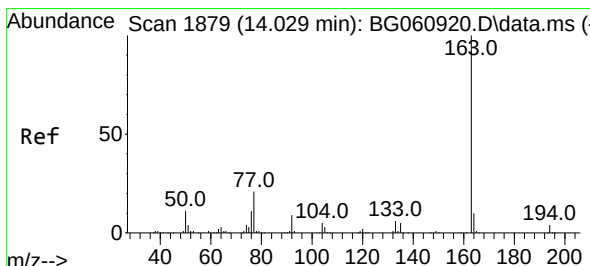
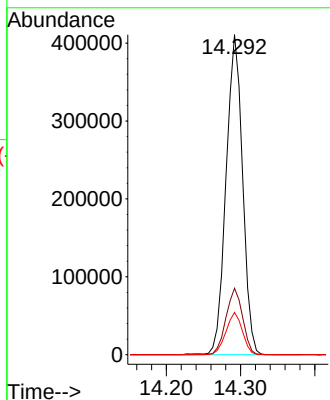
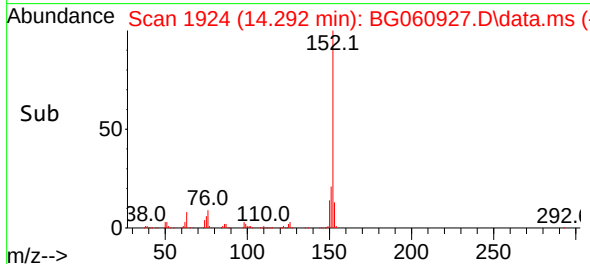


Tgt Ion:152 Resp: 634408
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.2 10.4 15.6

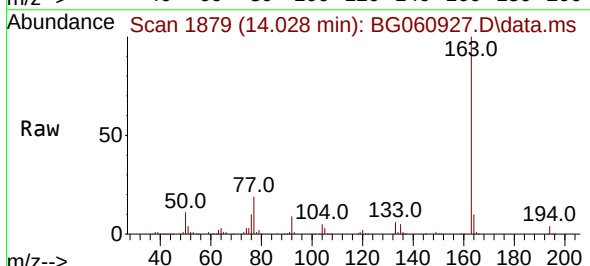
Manual Integrations

APPROVED

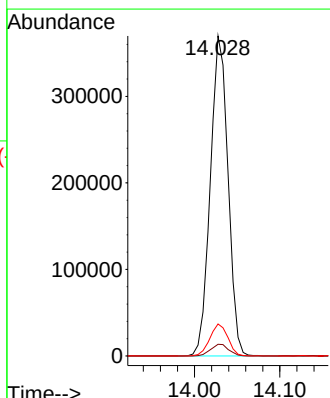
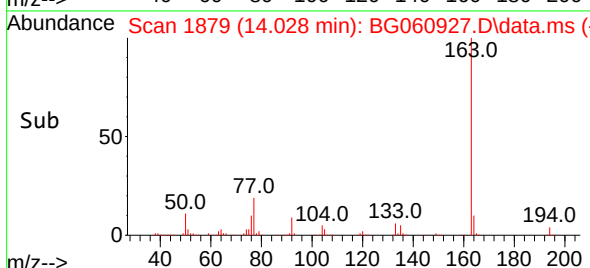
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

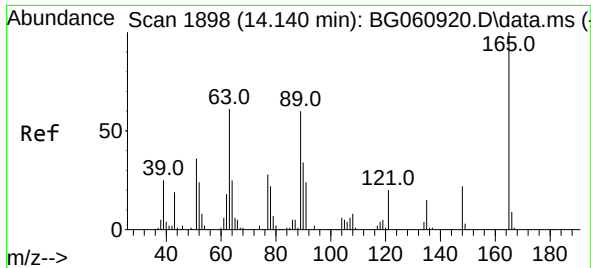


#50
Dimethylphthalate
Concen: 44.214 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.002 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:163 Resp: 533133
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.690 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

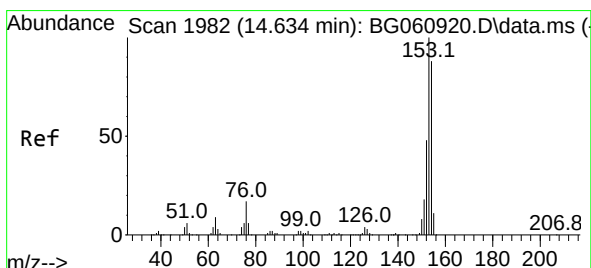
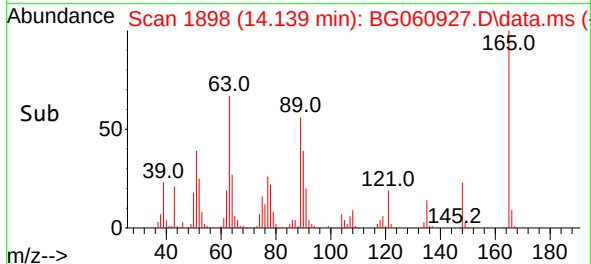
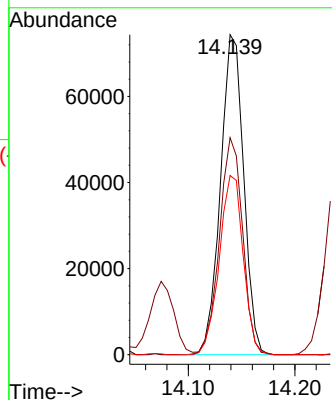
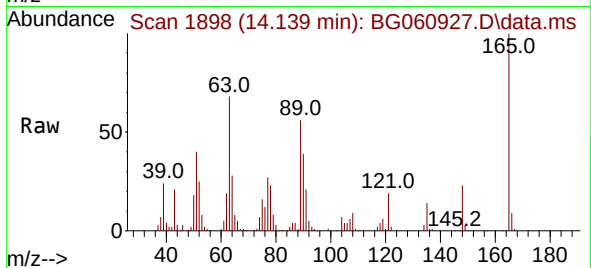
ClientSampleId :

PB160330BS

Tgt Ion:165 Resp: 11228
Ion Ratio Lower Upper
165 100
63 67.8 53.8 80.8
89 56.0 48.2 72.4

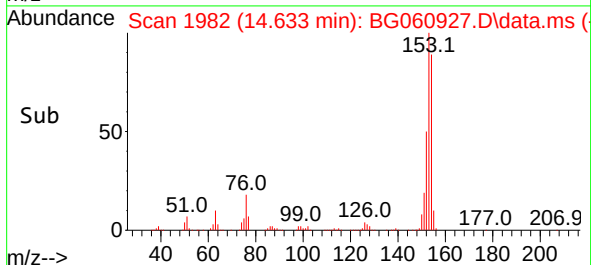
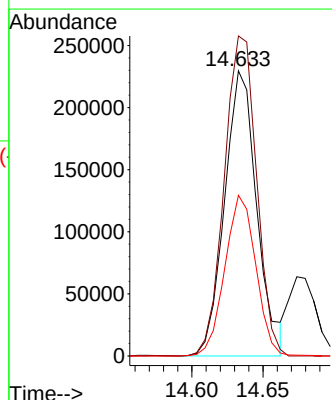
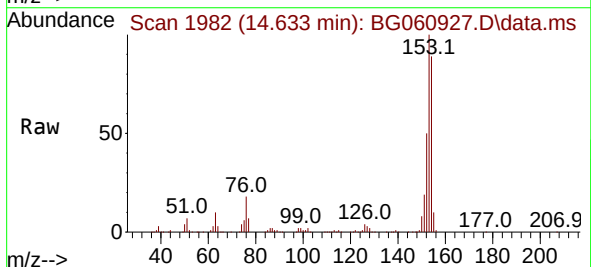
Manual Integrations
APPROVED

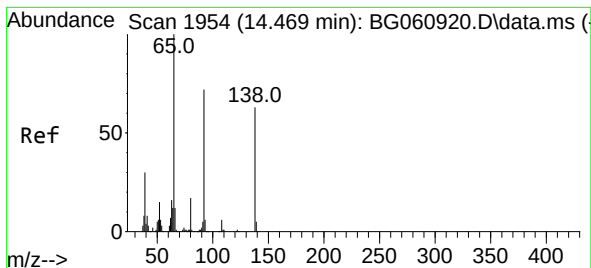
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#52
Acenaphthene
Concen: 44.694 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:154 Resp: 362446
Ion Ratio Lower Upper
154 100
153 112.2 91.4 137.0
152 56.3 44.1 66.1





#53
3-Nitroaniline
Concen: 26.541 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

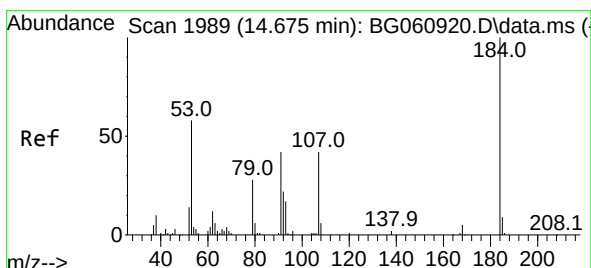
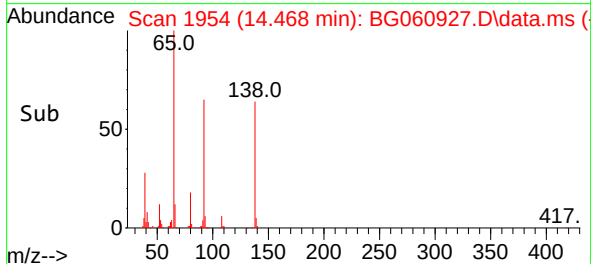
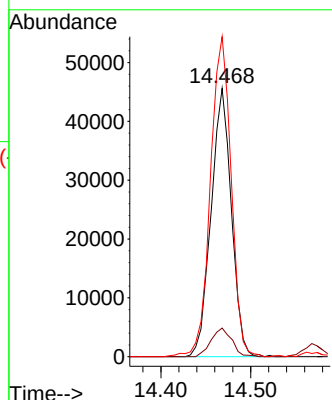
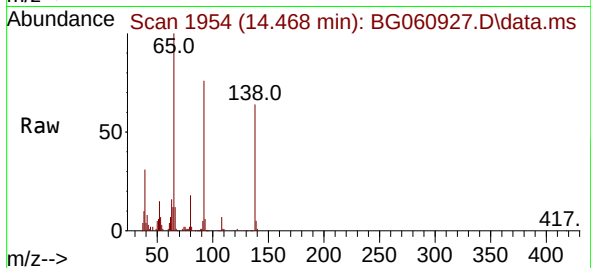
PB160330BS

Tgt Ion:138 Resp: 7160
Ion Ratio Lower Upper
138 100
108 10.7 7.5 11.3
92 119.2 92.5 138.7

Manual Integrations

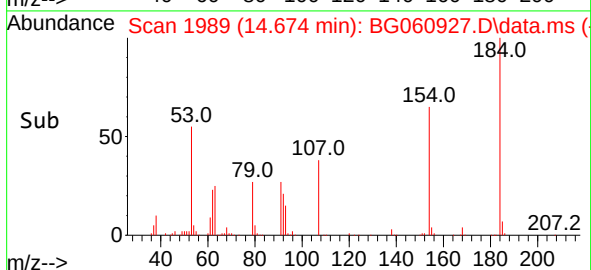
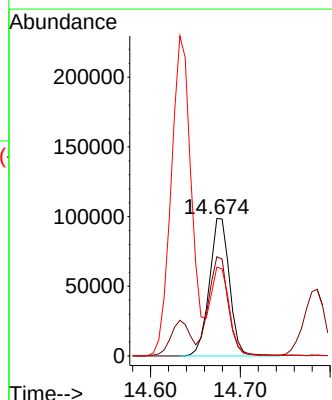
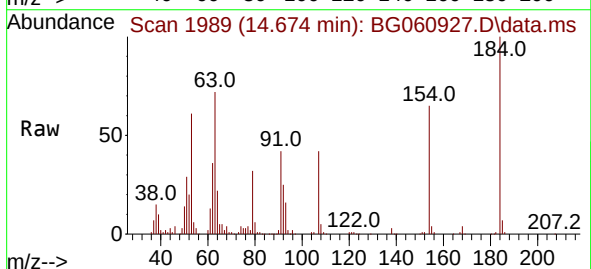
APPROVED

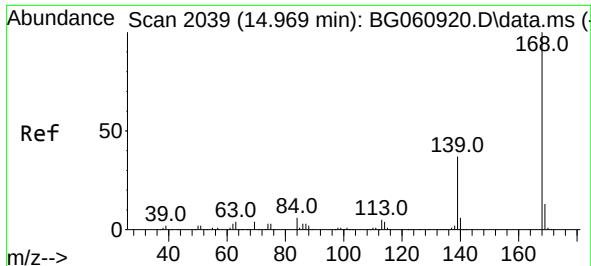
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#54
2,4-Dinitrophenol
Concen: 96.654 ng
RT: 14.674 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:184 Resp: 153655
Ion Ratio Lower Upper
184 100
63 72.1 52.0 78.0
154 64.6 50.7 76.1





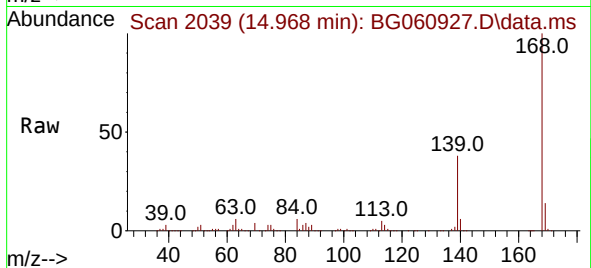
#55
Dibenzofuran
Concen: 44.125 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



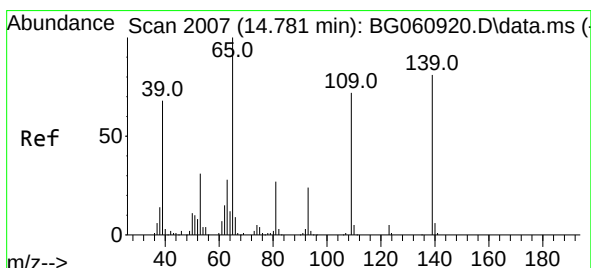
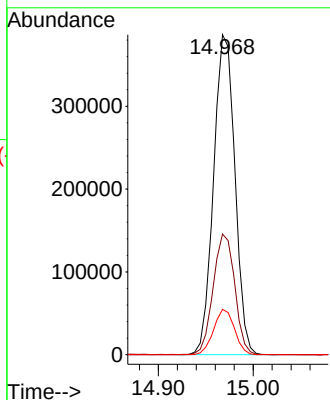
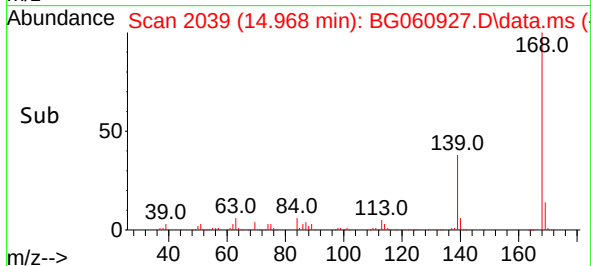
Tgt Ion:168 Resp: 60447
Ion Ratio Lower Upper
168 100
139 37.7 29.9 44.9
169 14.2 10.6 16.0

Manual Integrations

APPROVED

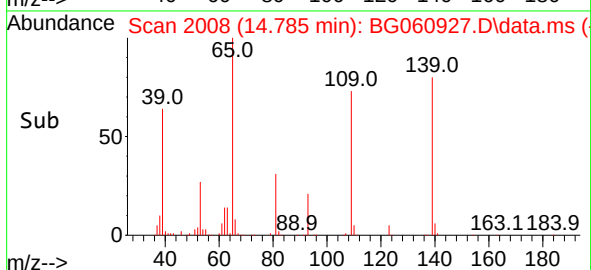
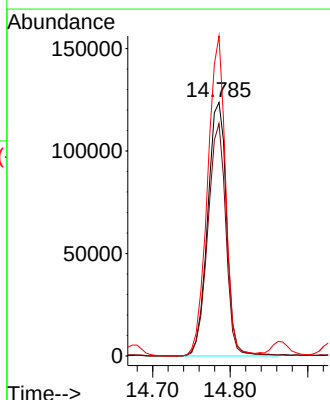
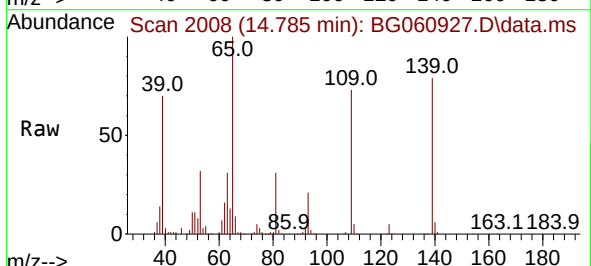
Reviewed By :Yogesh Patel 04/22/2024

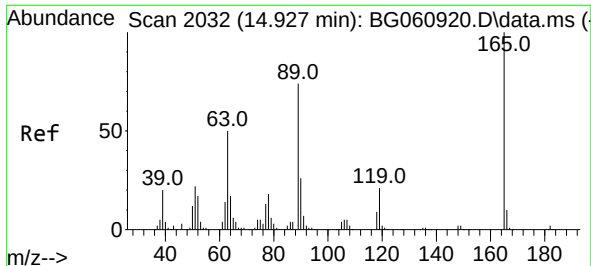
Supervised By :mohammad ahmed 04/22/2024



#56
4-Nitrophenol
Concen: 101.418 ng
RT: 14.785 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:139 Resp: 209481
Ion Ratio Lower Upper
139 100
109 91.6 69.7 109.7
65 126.2 103.7 143.7





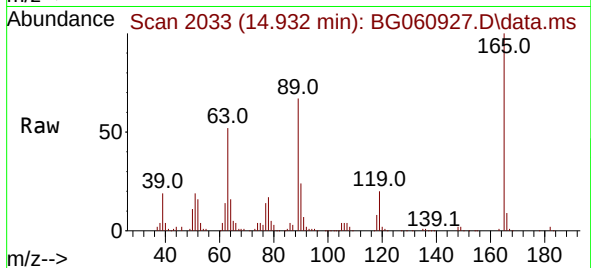
#57
2,4-Dinitrotoluene
Concen: 48.698 ng
RT: 14.932 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

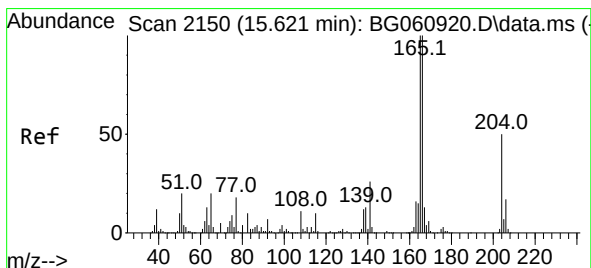
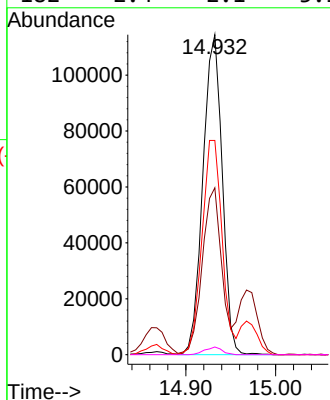
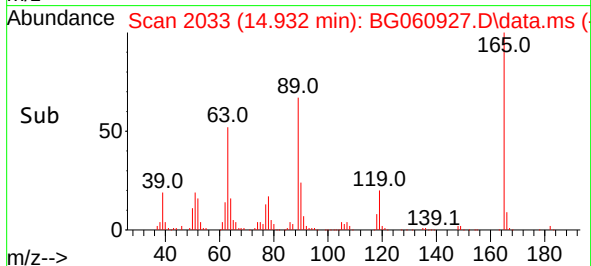


Tgt Ion:165 Resp: 17102
Ion Ratio Lower Upper
165 100
63 52.1 40.2 60.2
89 67.0 59.0 88.4
182 2.4 2.1 3.1

Manual Integrations

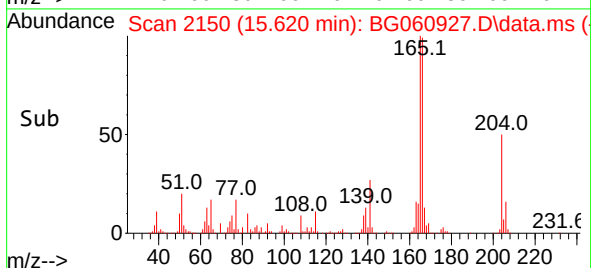
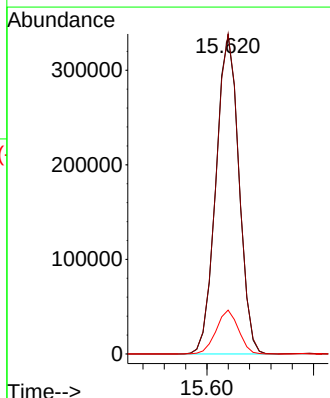
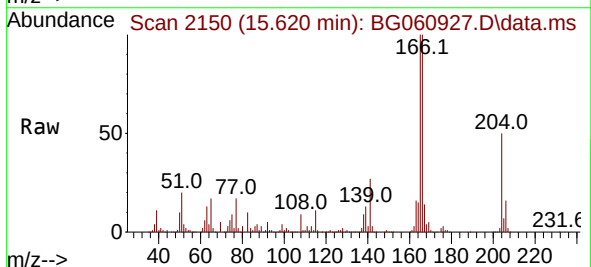
APPROVED

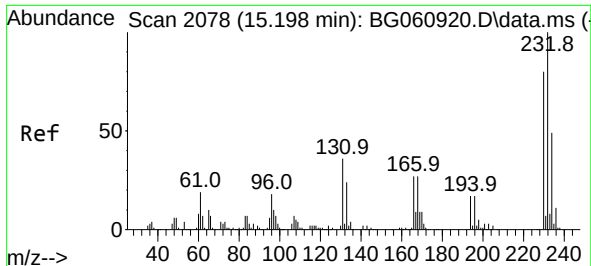
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#58
Fluorene
Concen: 44.264 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:166 Resp: 502972
Ion Ratio Lower Upper
166 100
165 100.5 80.2 120.4
167 13.8 10.4 15.6





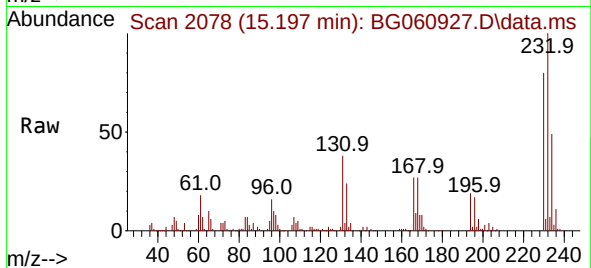
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.745 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



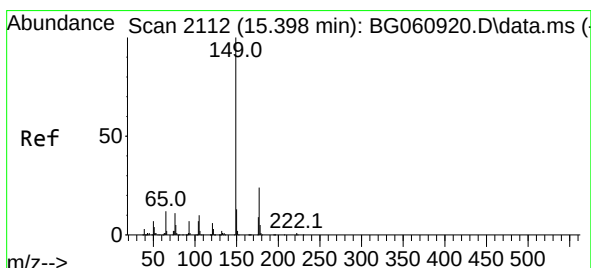
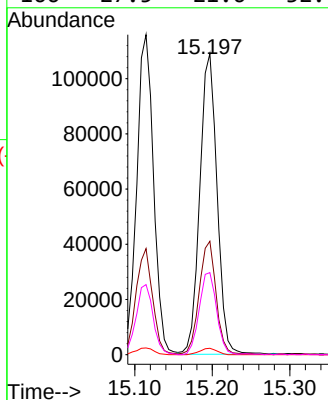
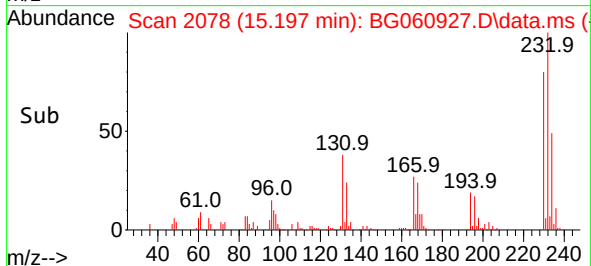
Tgt Ion:232 Resp: 16885
Ion Ratio Lower Upper
232 100
131 37.3 29.8 44.8
130 2.1 1.8 2.8
166 27.5 21.6 32.4

Manual Integrations

APPROVED

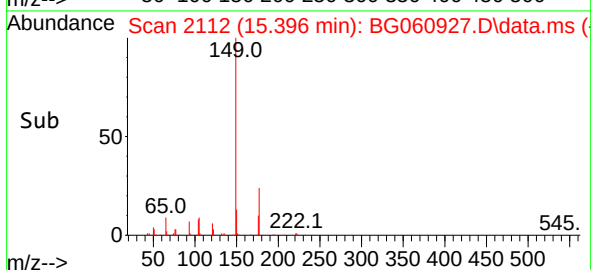
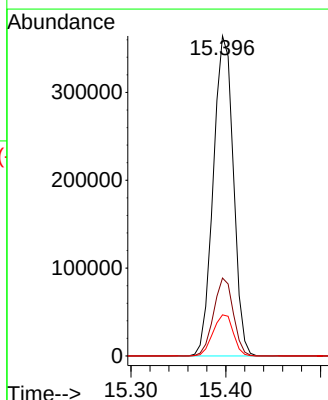
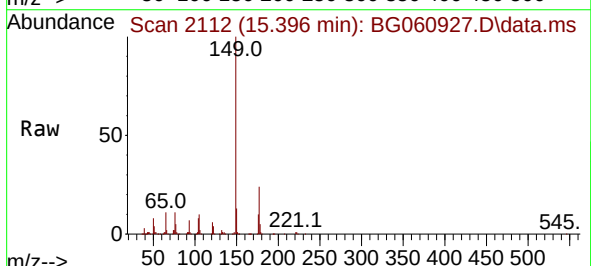
Reviewed By :Yogesh Patel 04/22/2024

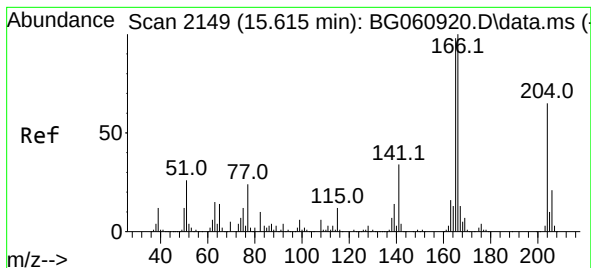
Supervised By :mohammad ahmed 04/22/2024



#60
Diethylphthalate
Concen: 44.392 ng
RT: 15.396 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:149 Resp: 536143
Ion Ratio Lower Upper
149 100
177 24.3 19.0 28.4
150 12.9 10.5 15.7





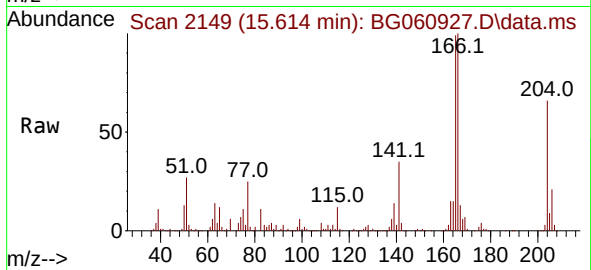
#61
4-Chlorophenyl-phenylether
Concen: 43.062 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

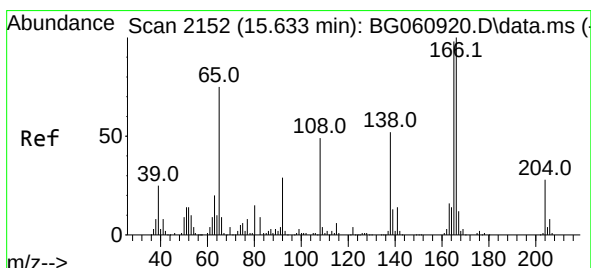
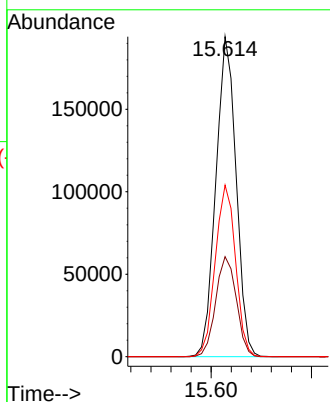
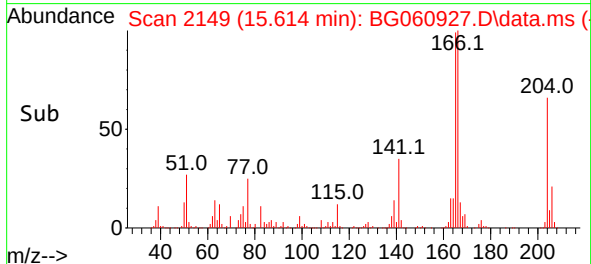


Tgt Ion:204 Resp: 27124
Ion Ratio Lower Upper
204 100
206 31.3 25.4 38.0
141 53.6 42.0 63.0

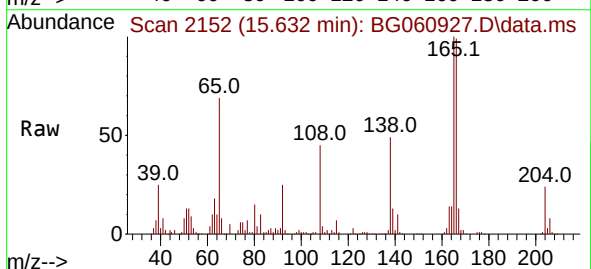
Manual Integrations

APPROVED

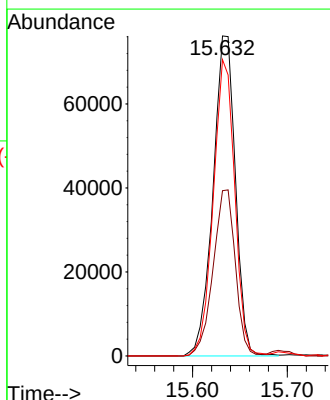
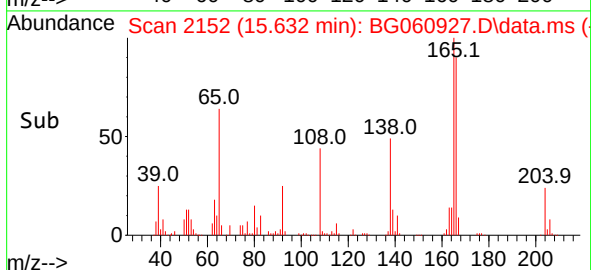
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

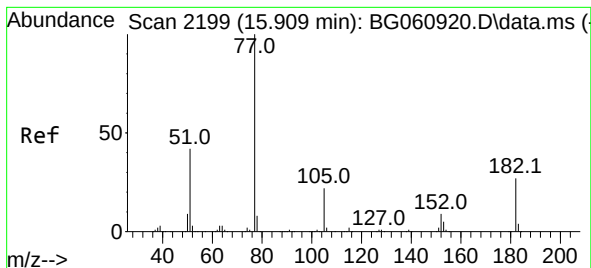


#62
4-Nitroaniline
Concen: 43.153 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:138 Resp: 125174
Ion Ratio Lower Upper
138 100
92 51.7 34.8 74.8
108 92.6 73.9 113.9





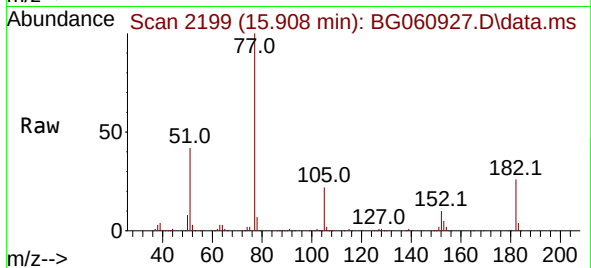
#63
Azobenzene
Concen: 44.568 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

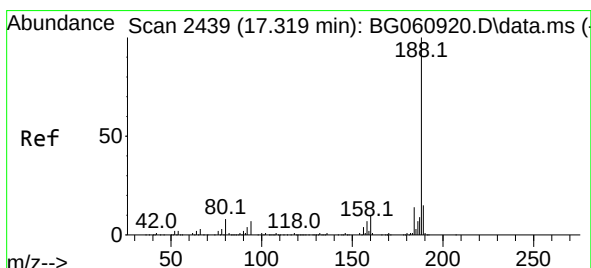
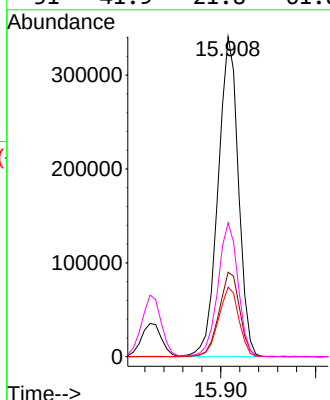
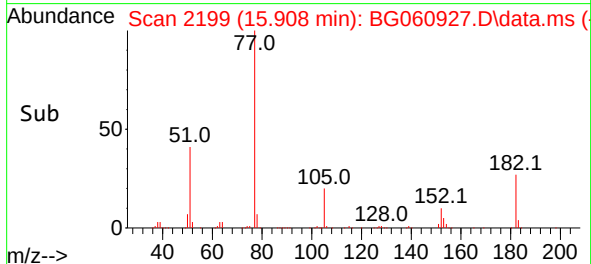


Tgt Ion: 77 Resp: 507300
Ion Ratio Lower Upper
77 100
182 26.4 6.8 46.8
105 21.7 1.7 41.7
51 41.9 21.8 61.8

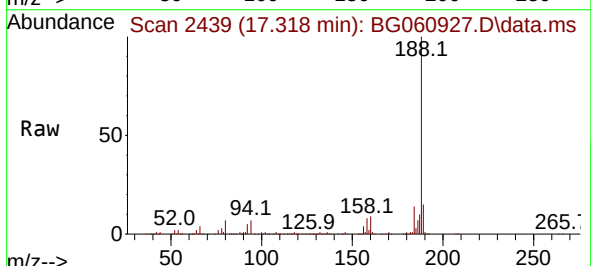
Manual Integrations

APPROVED

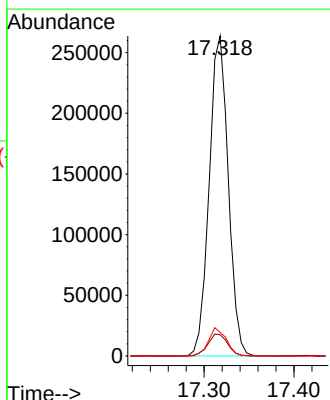
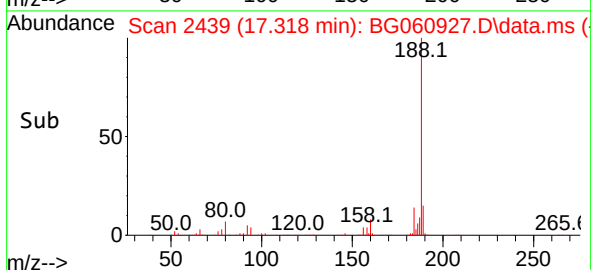
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

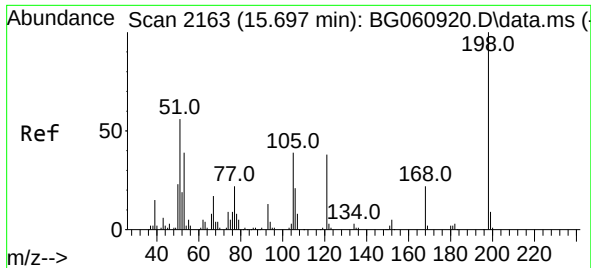


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:188 Resp: 388704
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.4 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 51.109 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

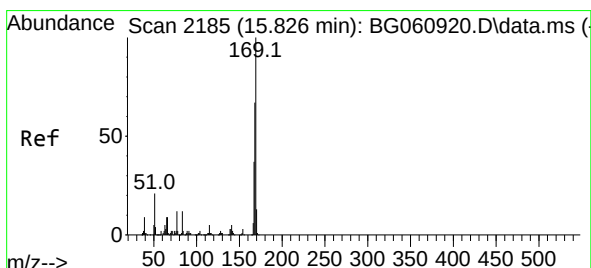
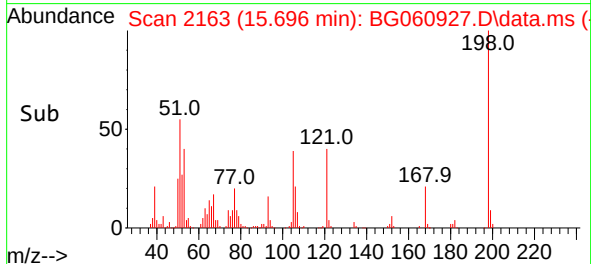
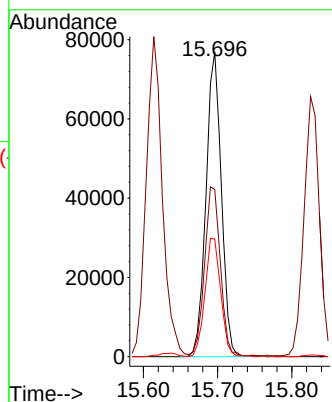
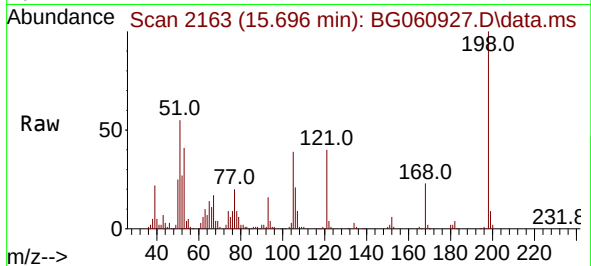
PB160330BS

Tgt Ion:198 Resp: 110830
Ion Ratio Lower Upper
198 100
51 54.8 38.2 78.2
105 38.6 19.7 59.7

Manual Integrations

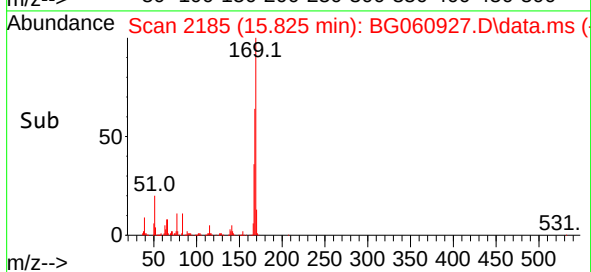
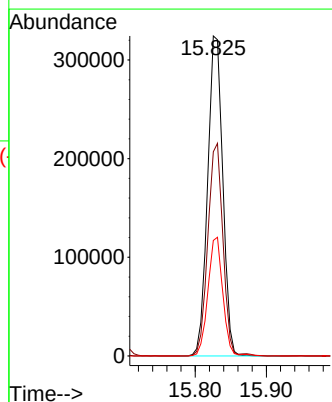
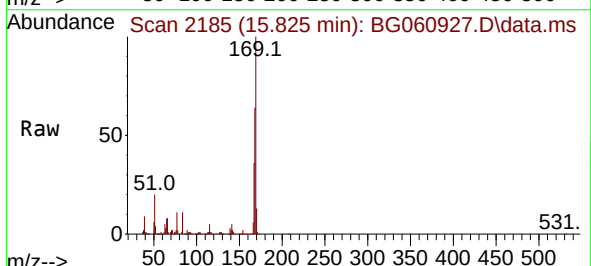
APPROVED

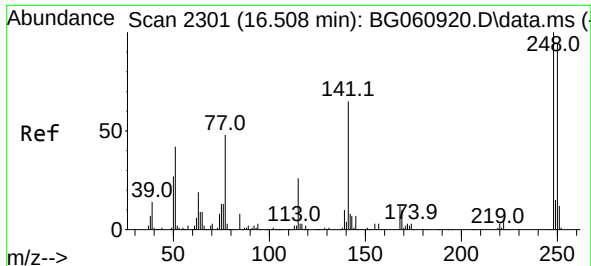
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#66
n-Nitrosodiphenylamine
Concen: 44.965 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:169 Resp: 479797
Ion Ratio Lower Upper
169 100
168 63.8 53.7 80.5
167 36.1 29.8 44.6





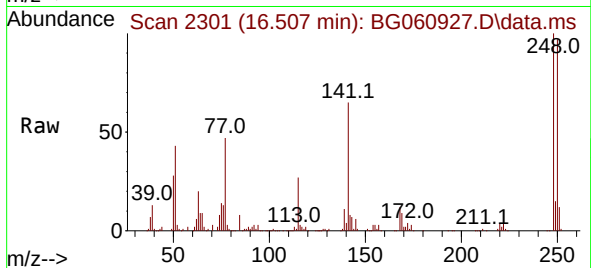
#67
4-Bromophenyl-phenylether
Concen: 44.588 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

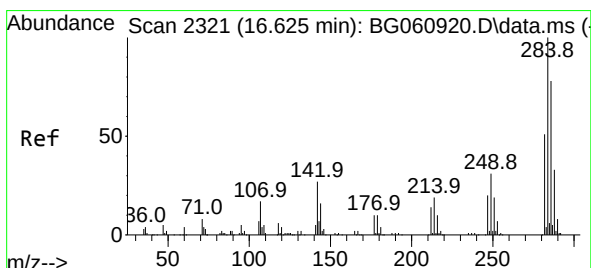
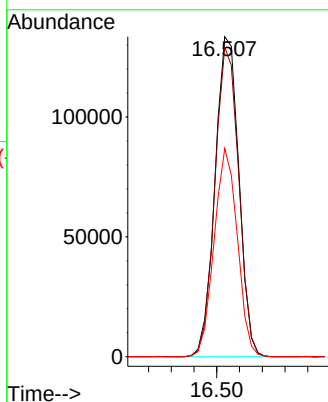
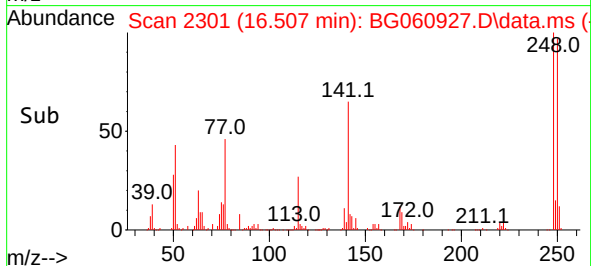


Tgt Ion:248 Resp: 194150
Ion Ratio Lower Upper
248 100
250 96.7 75.4 113.2
141 65.1 52.2 78.2

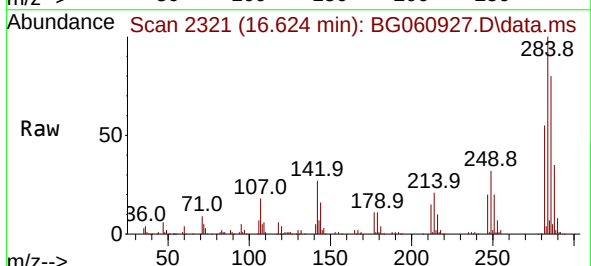
Manual Integrations

APPROVED

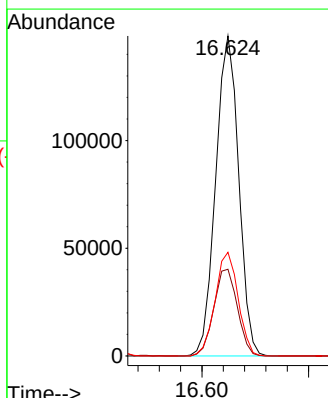
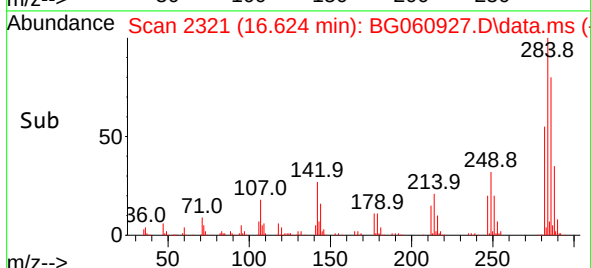
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

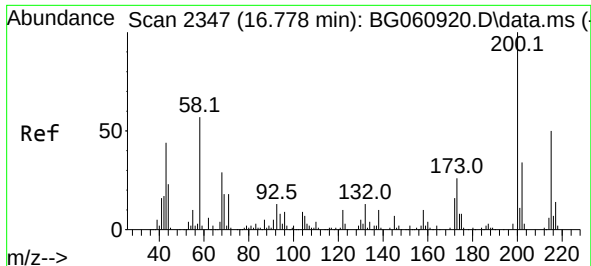


#68
Hexachlorobenzene
Concen: 46.891 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



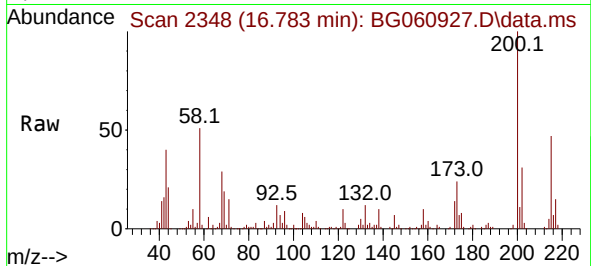
Tgt Ion:284 Resp: 222178
Ion Ratio Lower Upper
284 100
142 27.1 21.2 31.8
249 32.4 24.9 37.3





#69
Atrazine
Concen: 50.263 ng
RT: 16.783 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

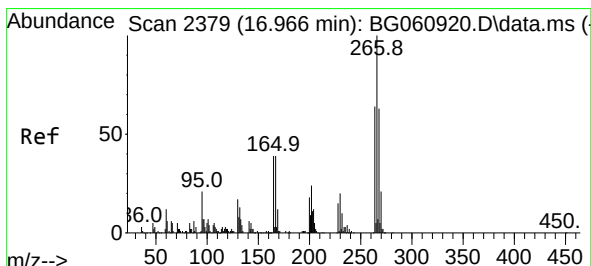
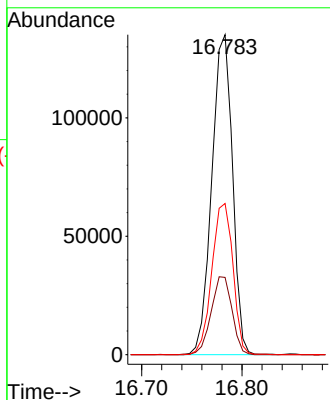
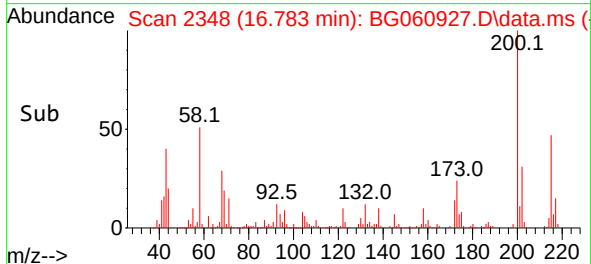
Instrument :
BNA_G
ClientSampleId :
PB160330BS



Tgt Ion:200 Resp: 192754
Ion Ratio Lower Upper
200 100
173 24.1 6.5 46.5
215 47.3 30.4 70.4

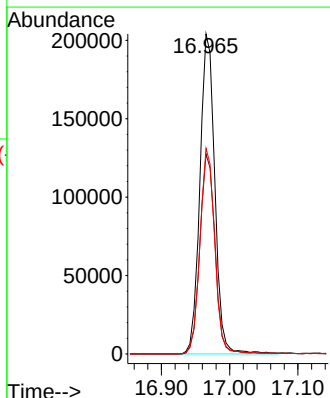
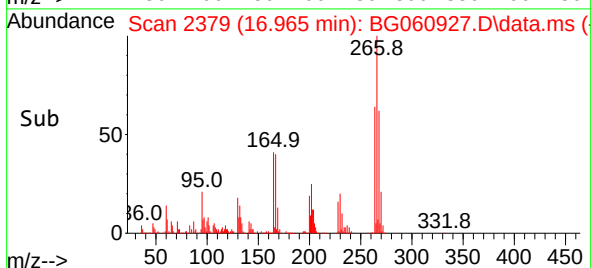
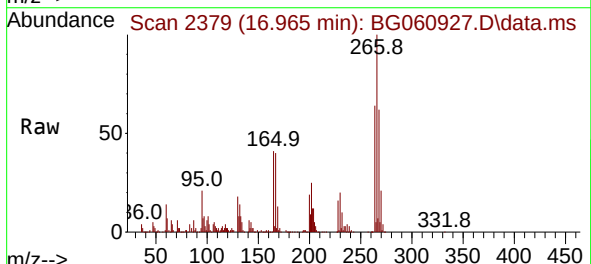
Manual Integrations
APPROVED

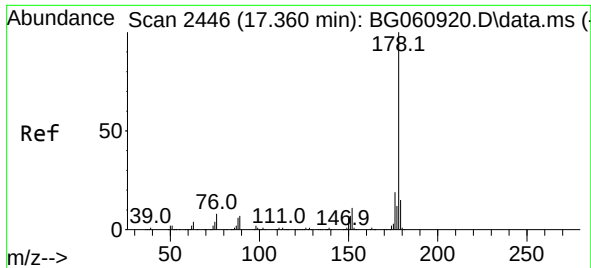
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#70
Pentachlorophenol
Concen: 96.729 ng
RT: 16.965 min Scan# 2379
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:266 Resp: 310388
Ion Ratio Lower Upper
266 100
268 62.4 50.2 75.2
264 64.3 51.2 76.8





#71
Phenanthrene
Concen: 45.833 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

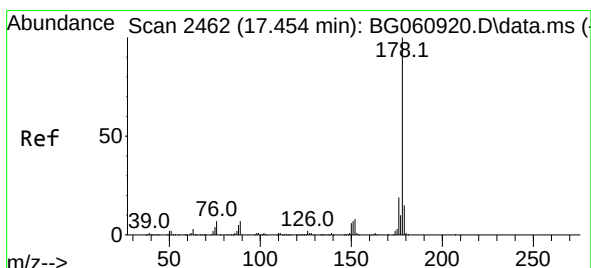
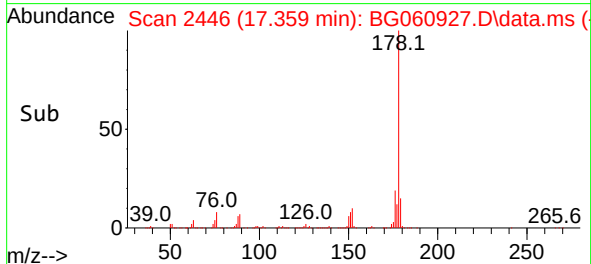
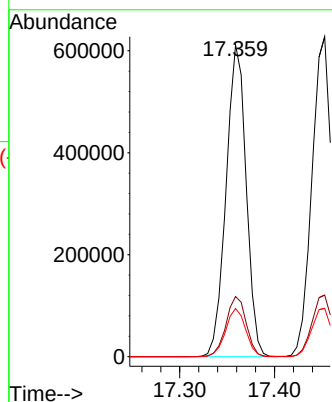
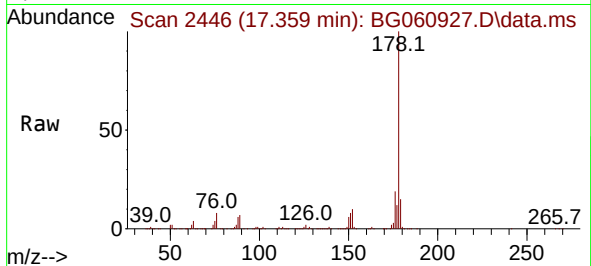
PB160330BS

Tgt Ion:178 Resp: 901770
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.0 18.0

Manual Integrations

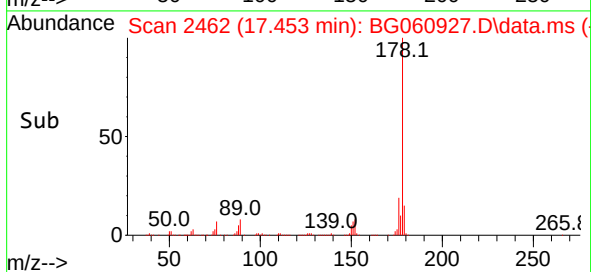
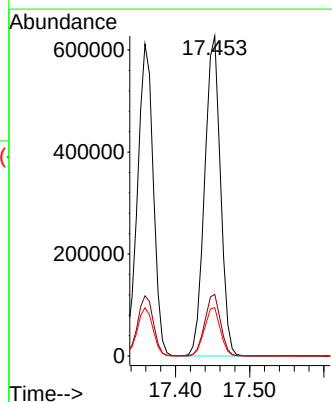
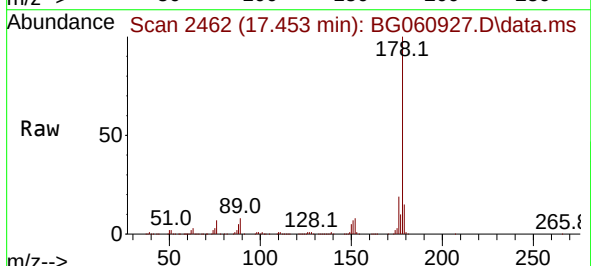
APPROVED

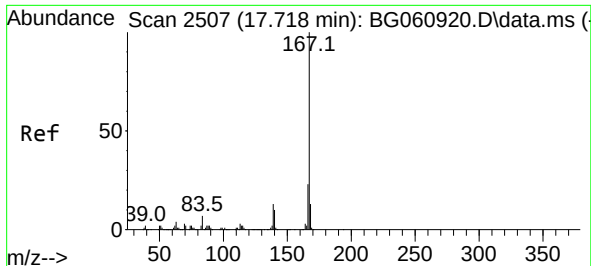
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#72
Anthracene
Concen: 45.923 ng
RT: 17.453 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:178 Resp: 928101
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.1 11.6 17.4





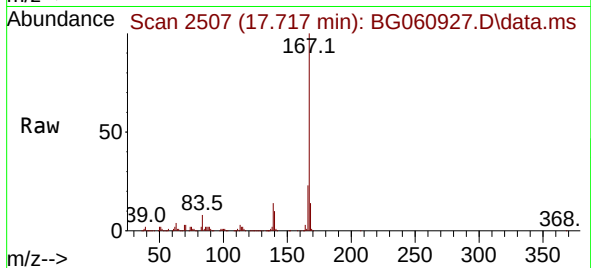
#73
 Carbazole
 Concen: 46.229 ng
 RT: 17.717 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG060927.D
 Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



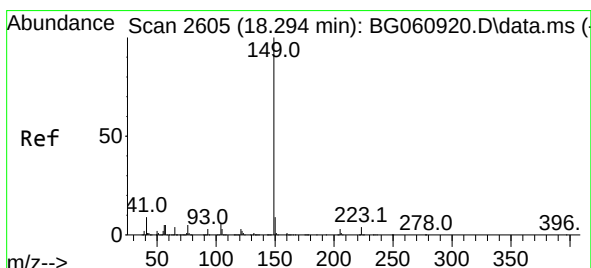
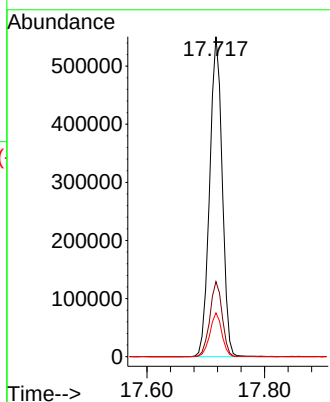
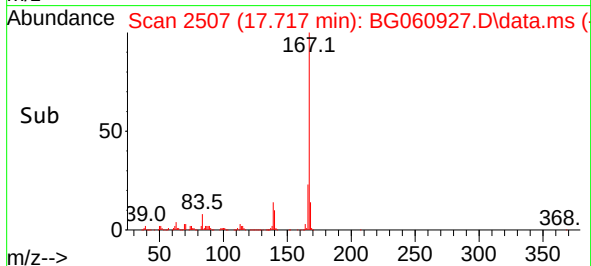
Tgt Ion:167 Resp: 81399
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.4 27.6
 139 13.7 10.1 15.1

Manual Integrations

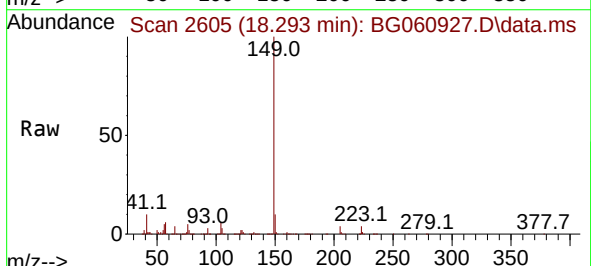
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

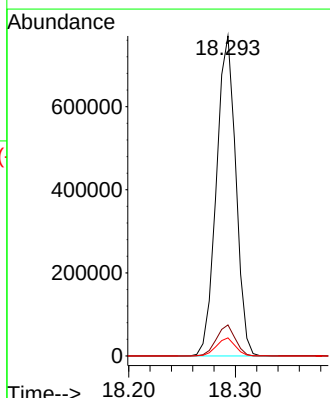
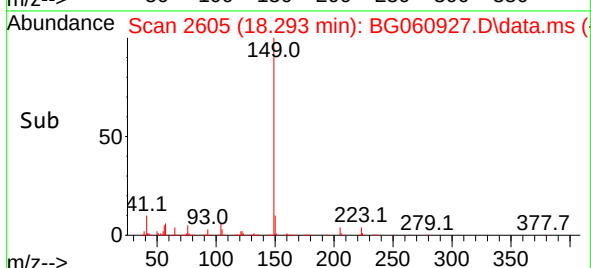
Supervised By :mohammad ahmed 04/22/2024

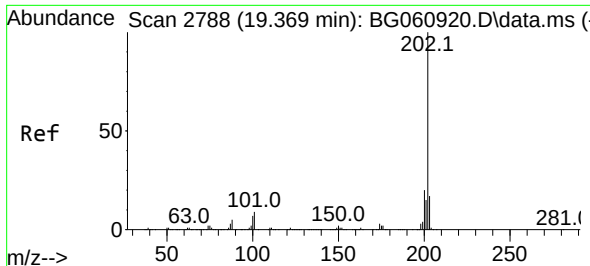


#74
 Di-n-butylphthalate
 Concen: 45.964 ng
 RT: 18.293 min Scan# 2605
 Delta R.T. -0.001 min
 Lab File: BG060927.D
 Acq: 17 Apr 2024 20:12



Tgt Ion:149 Resp: 974368
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.6 4.6 6.8





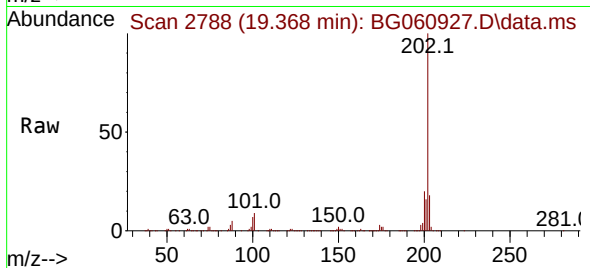
#75
Fluoranthene
Concen: 45.151 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



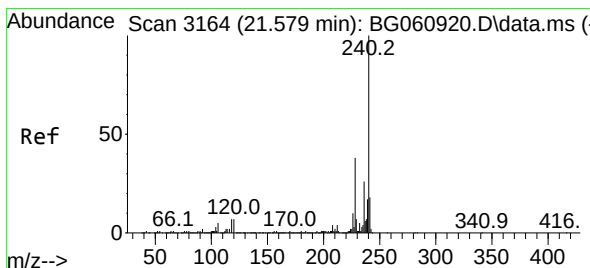
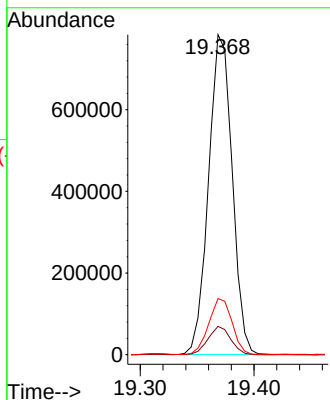
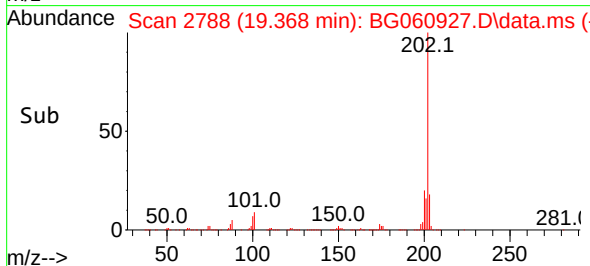
Tgt Ion:202 Resp: 1130708
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.6
203 17.6 0.0 37.3

Manual Integrations

APPROVED

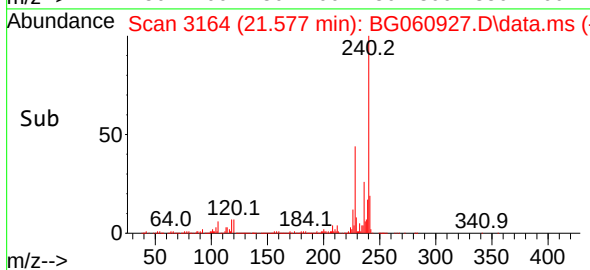
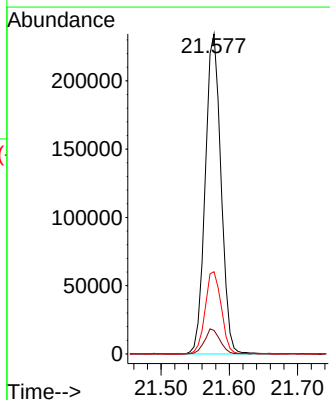
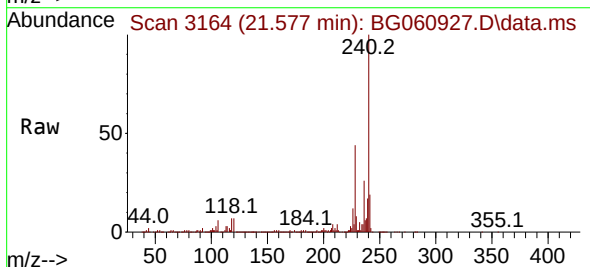
Reviewed By :Yogesh Patel 04/22/2024

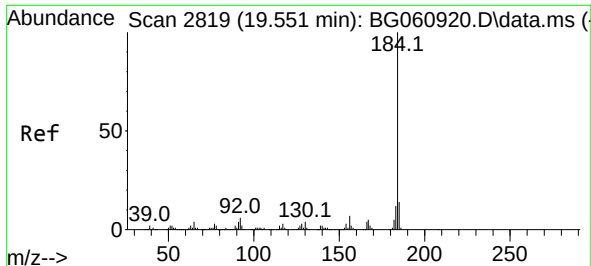
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:240 Resp: 376449
Ion Ratio Lower Upper
240 100
120 7.3 5.7 8.5
236 25.7 21.1 31.7





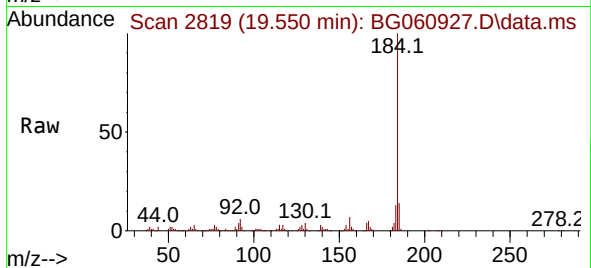
#77
Benzidine
Concen: 38.887 ng
RT: 19.550 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



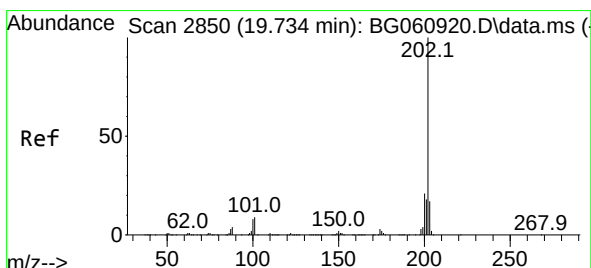
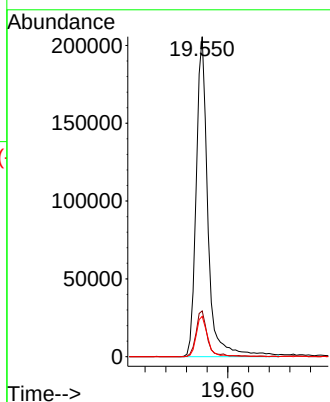
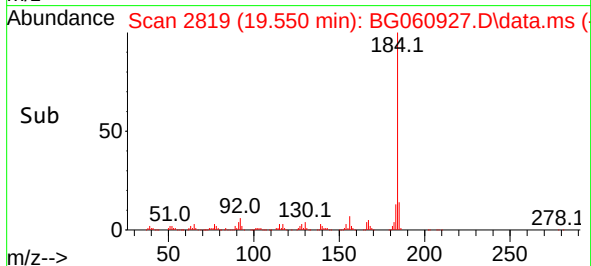
Tgt Ion:184 Resp: 322890
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.6 9.4 14.2

Manual Integrations

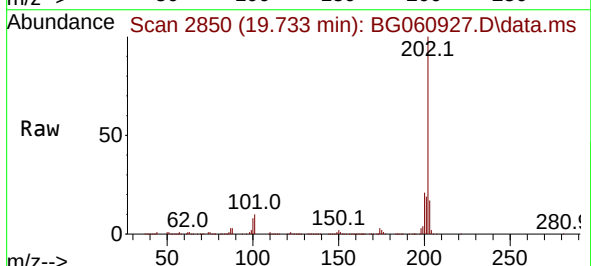
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

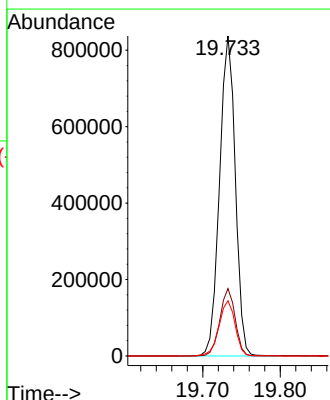
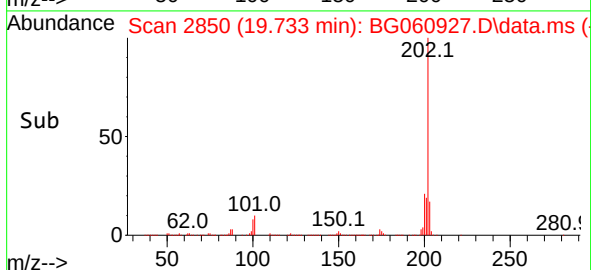
Supervised By :mohammad ahmed 04/22/2024

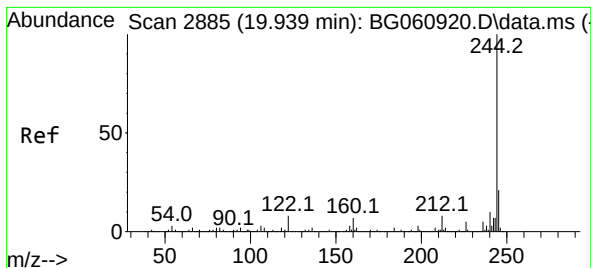


#78
Pyrene
Concen: 45.760 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12



Tgt Ion:202 Resp: 1181706
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 84.072 ng

RT: 19.938 min Scan# 2885

Delta R.T. -0.001 min

Lab File: BG060927.D

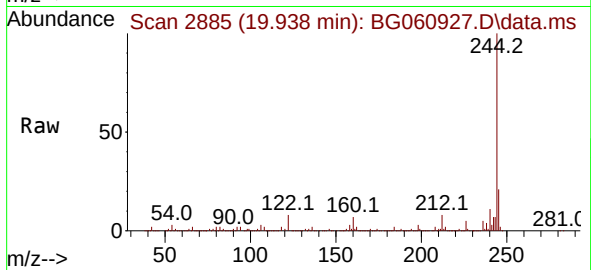
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



Tgt Ion:244 Resp: 1813449

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

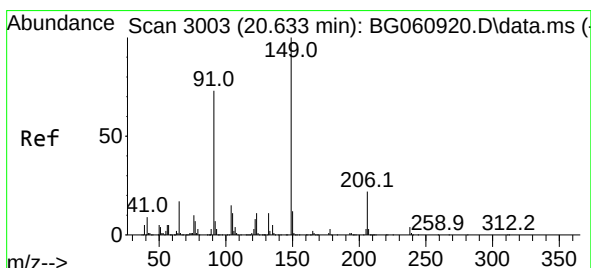
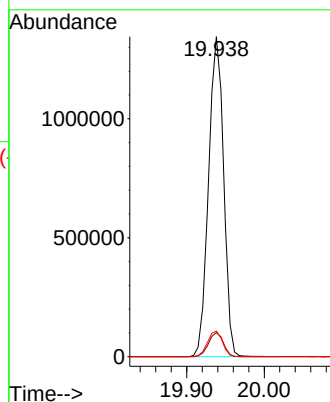
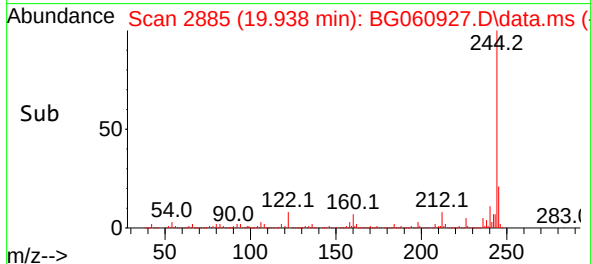
122 8.0 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#80

Butylbenzylphthalate

Concen: 45.729 ng

RT: 20.632 min Scan# 3003

Delta R.T. -0.001 min

Lab File: BG060927.D

Acq: 17 Apr 2024 20:12

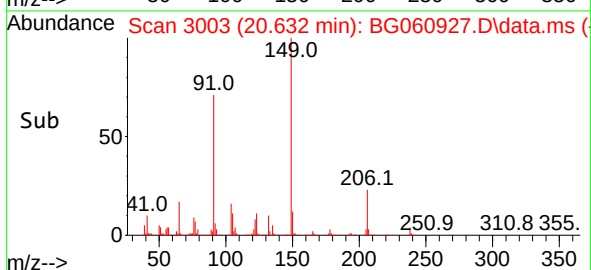
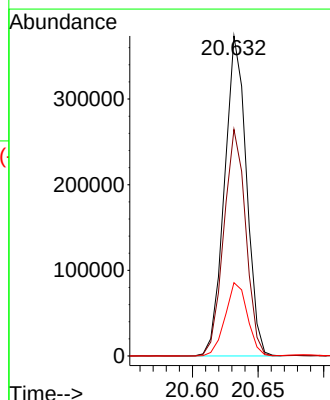
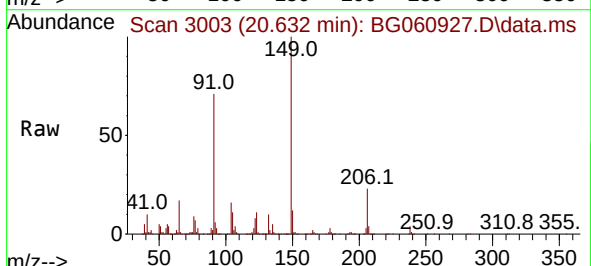
Tgt Ion:149 Resp: 433745

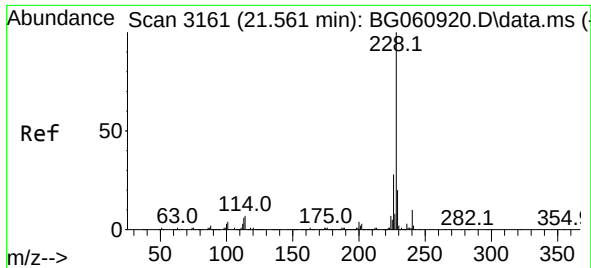
Ion Ratio Lower Upper

149 100

91 70.8 58.7 88.1

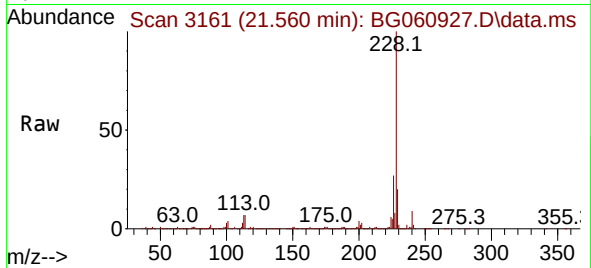
206 22.9 18.0 27.0





#81
Benzo(a)anthracene
Concen: 46.310 ng
RT: 21.560 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

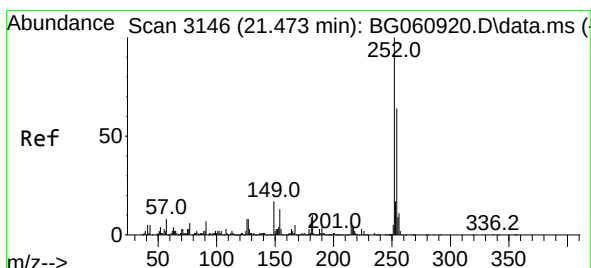
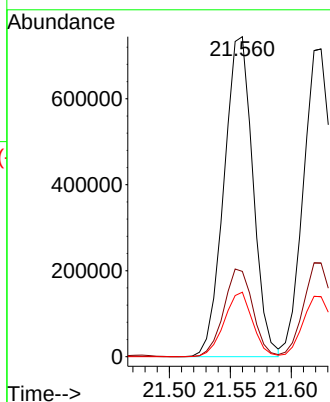
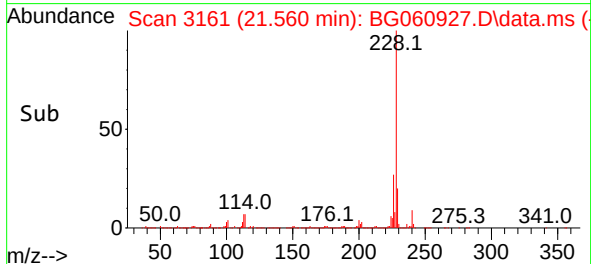
Instrument :
BNA_G
ClientSampleId :
PB160330BS



Tgt Ion:228 Resp: 1231038
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 20.1 15.6 23.4

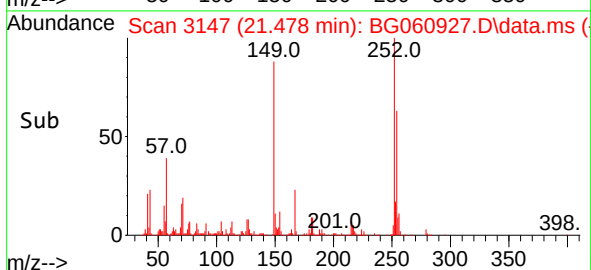
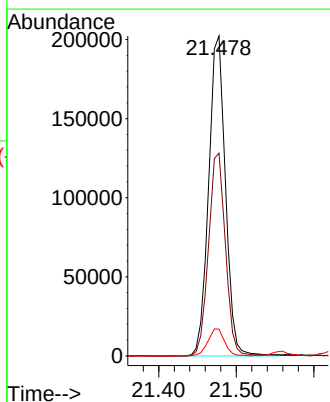
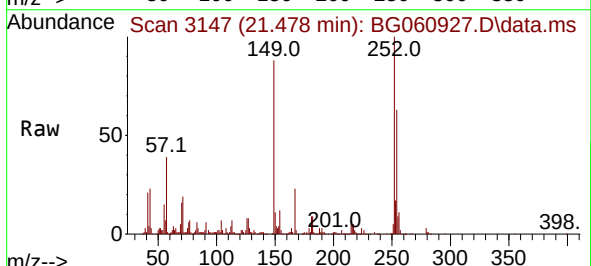
Manual Integrations
APPROVED

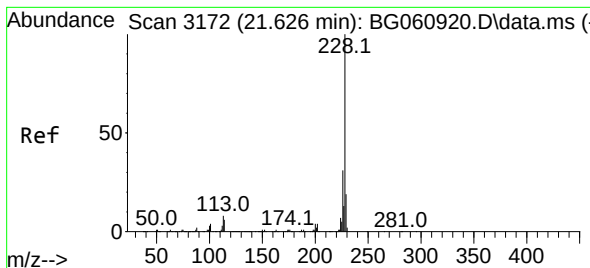
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.226 ng
RT: 21.478 min Scan# 3147
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:252 Resp: 305061
Ion Ratio Lower Upper
252 100
254 63.4 51.5 77.3
126 8.4 6.5 9.7





#83

Chrysene

Concen: 46.379 ng

RT: 21.624 min Scan# 3172

Delta R.T. -0.001 min

Lab File: BG060927.D

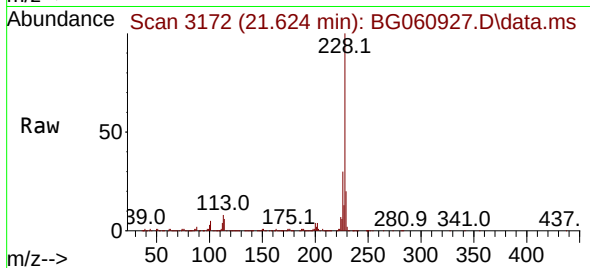
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



Tgt Ion:228 Resp: 117716

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

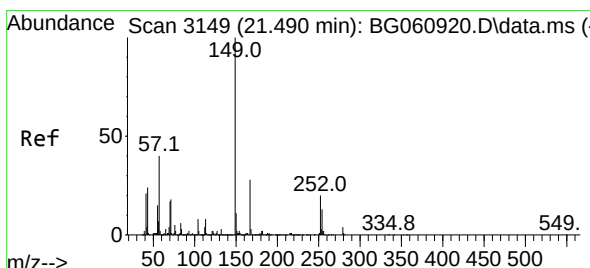
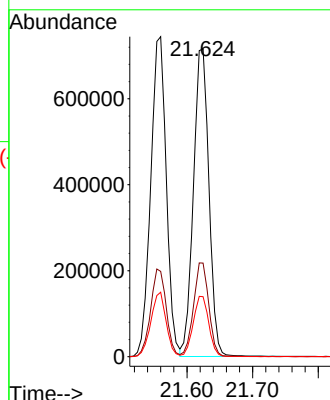
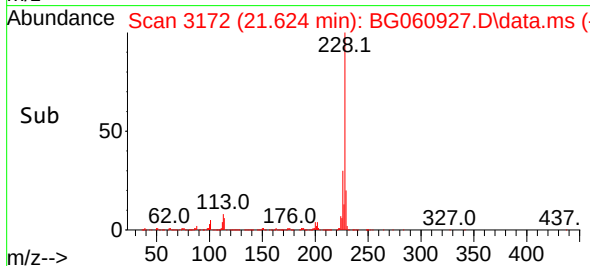
229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.448 ng

RT: 21.489 min Scan# 3149

Delta R.T. -0.001 min

Lab File: BG060927.D

Acq: 17 Apr 2024 20:12

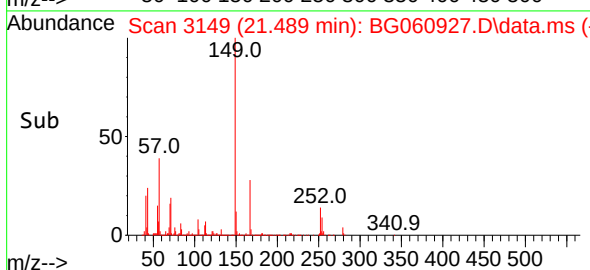
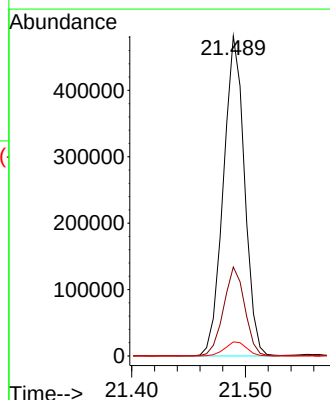
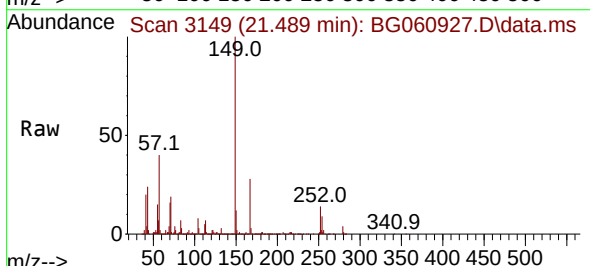
Tgt Ion:149 Resp: 623404

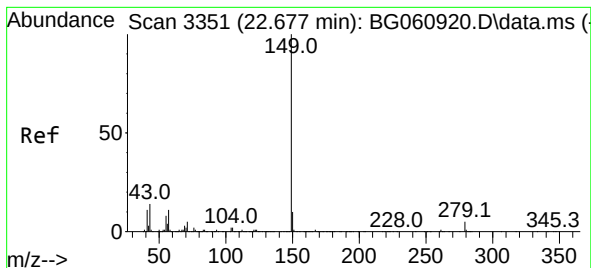
Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 45.638 ng

RT: 22.676 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG060927.D

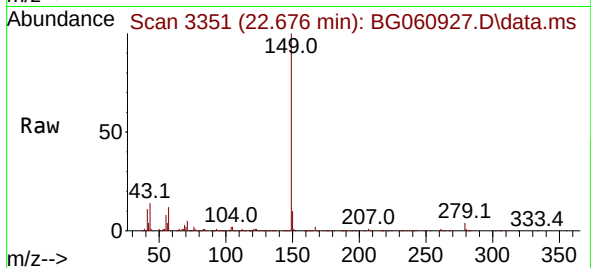
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



Tgt Ion:149 Resp: 110446

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

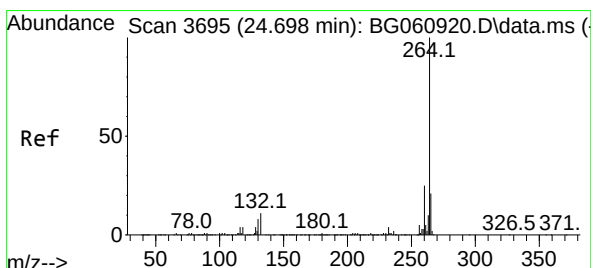
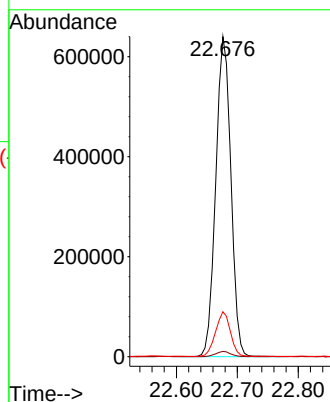
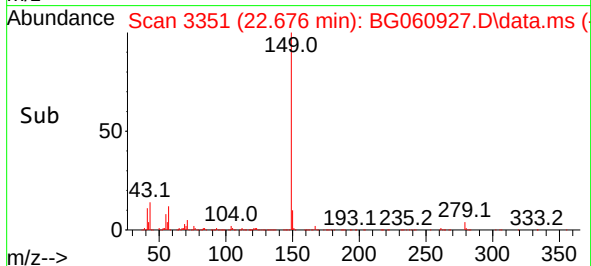
43 13.6 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.697 min Scan# 3695

Delta R.T. -0.001 min

Lab File: BG060927.D

Acq: 17 Apr 2024 20:12

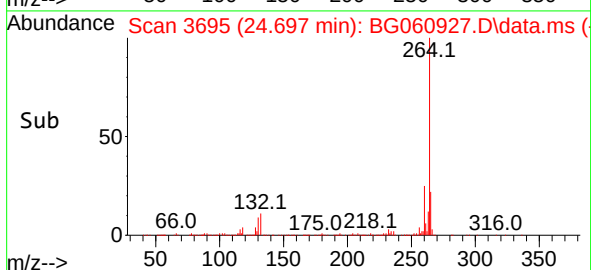
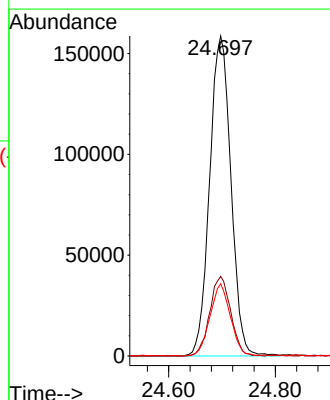
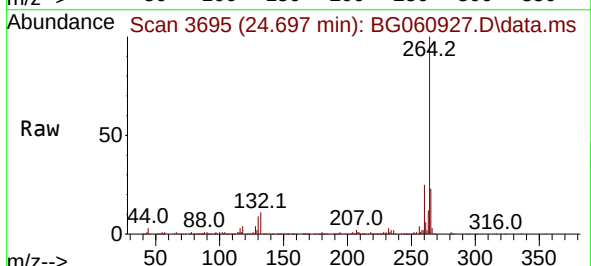
Tgt Ion:264 Resp: 440077

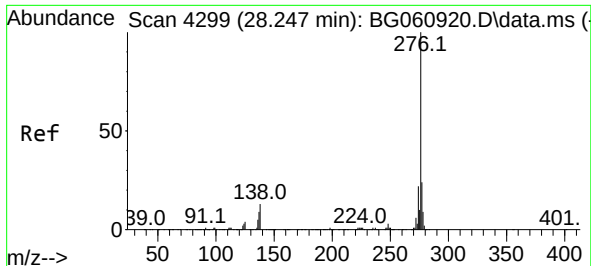
Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 22.6 16.6 25.0





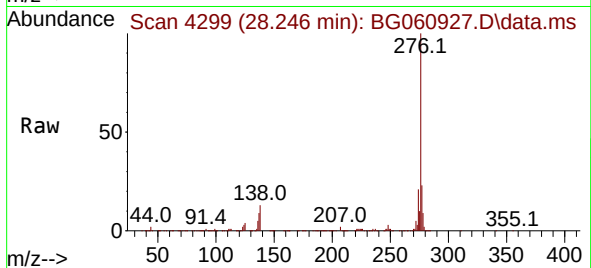
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.656 ng
 RT: 28.246 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: BG060927.D
 Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



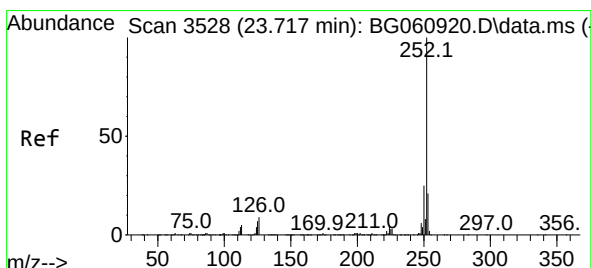
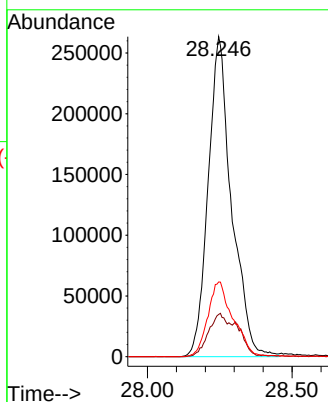
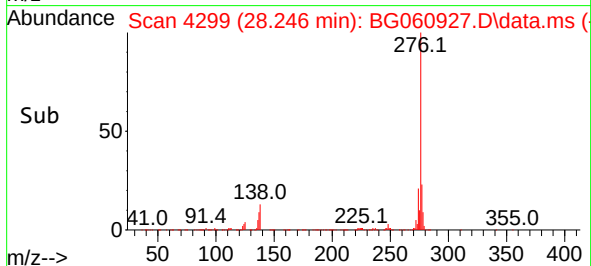
Tgt Ion:276 Resp: 148070
 Ion Ratio Lower Upper
 276 100
 138 12.0 10.8 16.2
 277 25.2 20.3 30.5

Manual Integrations

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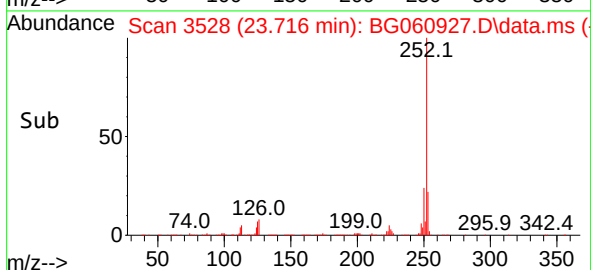
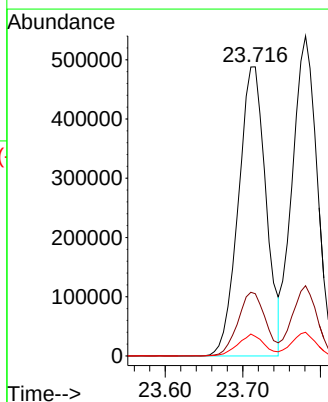
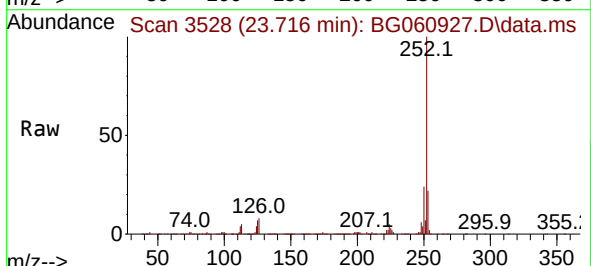
Reviewed By :Yogesh Patel 04/22/2024

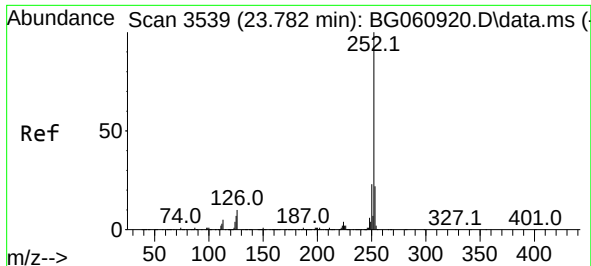
Supervised By :mohammad ahmed 04/22/2024



#88
 Benzo(b)fluoranthene
 Concen: 48.363 ng
 RT: 23.716 min Scan# 3528
 Delta R.T. -0.001 min
 Lab File: BG060927.D
 Acq: 17 Apr 2024 20:12

Tgt Ion:252 Resp: 1204208
 Ion Ratio Lower Upper
 252 100
 253 21.5 16.8 25.2
 125 6.7 5.6 8.4





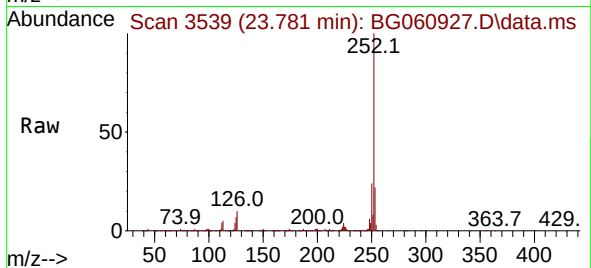
#89
Benzo(k)fluoranthene
Concen: 47.289 ng
RT: 23.781 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS



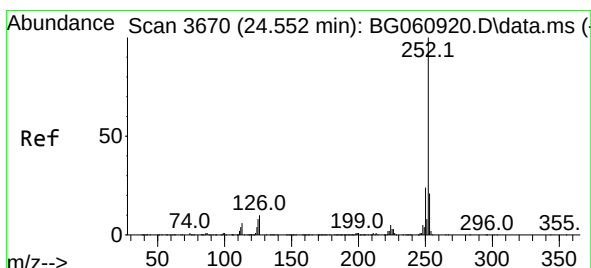
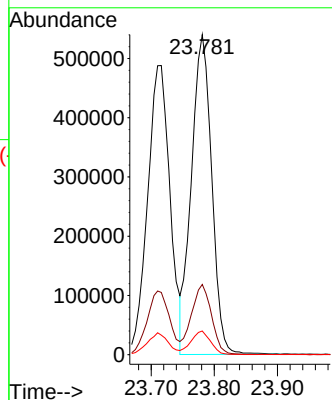
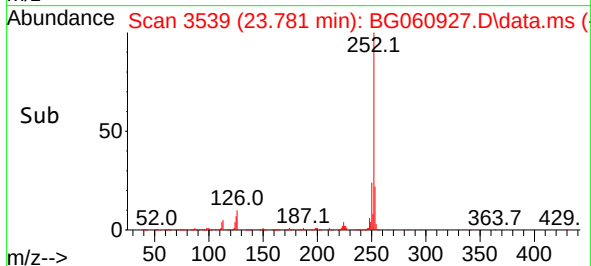
Tgt Ion:252 Resp: 120456
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.4 5.8 8.8

Manual Integrations

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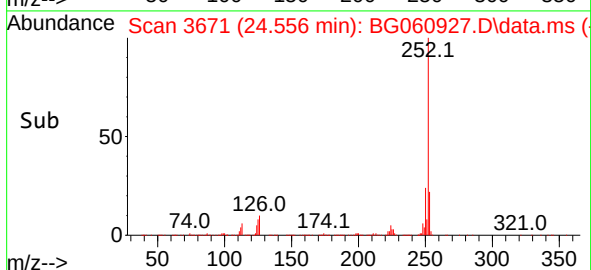
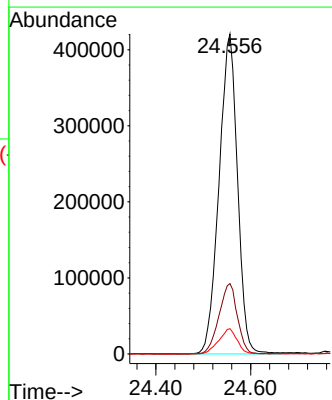
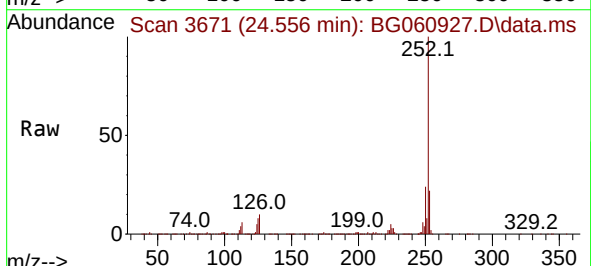
Reviewed By :Yogesh Patel 04/22/2024

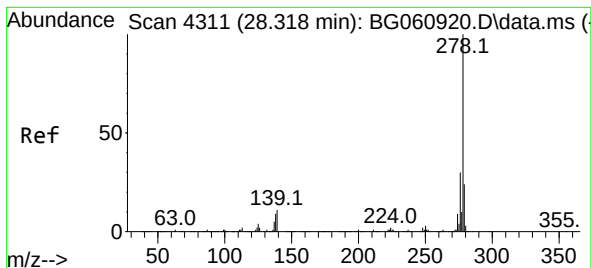
Supervised By :mohammad ahmed 04/22/2024



#90
Benzo(a)pyrene
Concen: 46.272 ng
RT: 24.556 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BG060927.D
Acq: 17 Apr 2024 20:12

Tgt Ion:252 Resp: 1135922
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 7.9 6.1 9.1





#91

Dibenzo(a,h)anthracene

Concen: 48.561 ng

RT: 28.311 min Scan# 4311

Delta R.T. -0.007 min

Lab File: BG060927.D

Acq: 17 Apr 2024 20:12

Instrument :

BNA_G

ClientSampleId :

PB160330BS

Tgt Ion:278 Resp: 121645

Ion Ratio Lower Upper

278 100

139 11.0 8.6 12.8

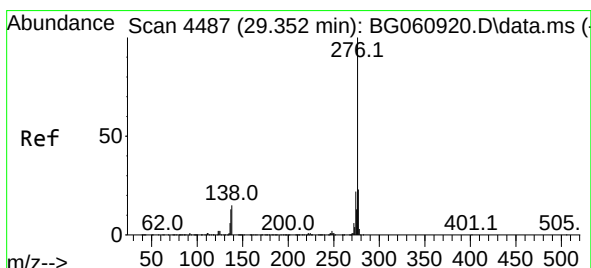
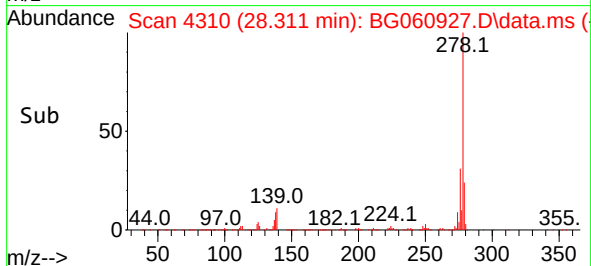
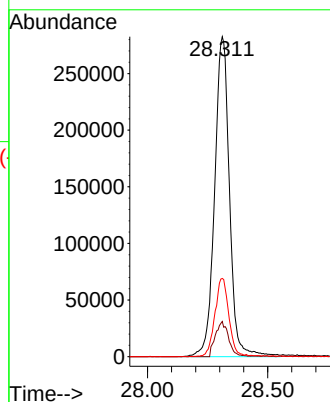
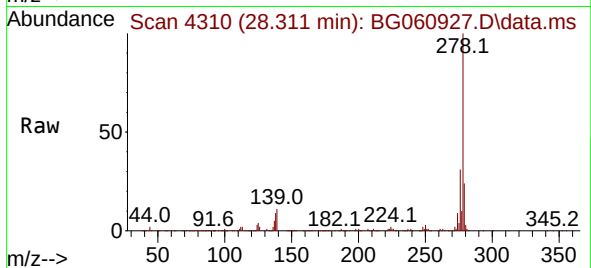
279 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92

Benzo(g,h,i)perylene

Concen: 45.805 ng

RT: 29.351 min Scan# 4487

Delta R.T. -0.001 min

Lab File: BG060927.D

Acq: 17 Apr 2024 20:12

Tgt Ion:276 Resp: 1121748

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 14.7 12.2 18.4

