

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060985.D
 Acq On : 21 Apr 2024 3:12
 Operator : MA/JU
 Sample : PB160360BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160360BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:40:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	19603	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	74605	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	67319	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	177596	20.000	ng	# 0.00
76) Chrysene-d12	21.577	240	187294	20.000	ng	# 0.00
86) Perylene-d12	24.703	264	225596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	143830	148.412	ng	0.00
7) Phenol-d6	7.106	99	206529	143.630	ng	0.00
23) Nitrobenzene-d5	9.092	82	142493	85.813	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	199648	135.055	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	423946	87.159	ng	0.00
79) Terphenyl-d14	19.938	244	1022224	84.719	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.445	88	11556	34.454	ng	92
3) Pyridine	3.827	79	31995	30.861	ng	91
4) n-Nitrosodimethylamine	3.745	42	38395	41.176	ng	# 90
6) Aniline	7.259	93	46668	27.004	ng	94
8) 2-Chlorophenol	7.505	128	58844	48.731	ng	99
9) Benzaldehyde	7.071	77	2940	3.975	ng	90
10) Phenol	7.135	94	68777	48.143	ng	96
11) bis(2-Chloroethyl)ether	7.358	93	45086	44.111	ng	98
12) 1,3-Dichlorobenzene	7.829	146	60122	44.898	ng	92
13) 1,4-Dichlorobenzene	7.975	146	62831	45.552	ng	99
14) 1,2-Dichlorobenzene	8.287	146	60206	44.663	ng	97
15) Benzyl Alcohol	8.169	79	59657	43.942	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.457	45	98896	44.448	ng	97
17) 2-Methylphenol	8.381	107	50078	43.413	ng	97
18) Hexachloroethane	9.021	117	21723	43.707	ng	93
19) n-Nitroso-di-n-propyla...	8.739	70	43724	40.802	ng	98
20) 3+4-Methylphenols	8.704	107	69239	42.919	ng	96
22) Acetophenone	8.757	105	91708	44.022	ng	# 97
24) Nitrobenzene	9.133	77	67353	42.212	ng	95
25) Isophorone	9.656	82	116924	42.075	ng	99
26) 2-Nitrophenol	9.844	139	33845	45.132	ng	94
27) 2,4-Dimethylphenol	9.908	122	43748	36.396	ng	95
28) bis(2-Chloroethoxy)met...	10.143	93	62879	43.013	ng	95
29) 2,4-Dichlorophenol	10.384	162	65591	47.280	ng	98
30) 1,2,4-Trichlorobenzene	10.596	180	70155	45.834	ng	97
31) Naphthalene	10.784	128	174843	42.807	ng	99
32) Benzoic acid	10.049	122	43572m	47.576	ng	
33) 4-Chloroaniline	10.884	127	33613	18.116	ng	# 96
34) Hexachlorobutadiene	11.078	225	60597	45.016	ng	96
35) Caprolactam	11.653	113	20666m	46.769	ng	
36) 4-Chloro-3-methylphenol	12.018	107	72141	44.587	ng	96
37) 2-Methylnaphthalene	12.394	142	135872	42.309	ng	94
38) 1-Methylnaphthalene	12.611	142	124805	41.646	ng	99
40) 1,2,4,5-Tetrachloroben...	12.758	216	111930	46.787	ng	98
41) Hexachlorocyclopentadiene	12.740	237	139306	98.963	ng	97
43) 2,4,6-Trichlorophenol	12.999	196	74642	47.464	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	80353	43.195	ng	98
46) 1,1'-Biphenyl	13.404	154	204680	45.138	ng	97
47) 2-Chloronaphthalene	13.445	162	161296	46.392	ng	94
48) 2-Nitroaniline	13.639	65	60749	43.294	ng	96
49) Acenaphthylene	14.292	152	274001	46.794	ng	100
50) Dimethylphthalate	14.027	163	242122	43.616	ng	99
51) 2,6-Dinitrotoluene	14.139	165	51333	44.318	ng	97
52) Acenaphthene	14.632	154	149921	42.137	ng	96
53) 3-Nitroaniline	14.468	138	30733	26.909	ng	98
54) 2,4-Dinitrophenol	14.673	184	69389	91.122	ng	98
55) Dibenzofuran	14.967	168	270554	44.036	ng	99
56) 4-Nitrophenol	14.785	139	81886	100.075	ng	98
57) 2,4-Dinitrotoluene	14.932	165	75839	45.461	ng	95
58) Fluorene	15.619	166	225335	43.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.196	232	85962	45.785	ng	99
60) Diethylphthalate	15.396	149	237074	43.366	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	134525	42.062	ng	98
62) 4-Nitroaniline	15.637	138	52154	42.349	ng	98
63) Azobenzene	15.907	77	193971	43.622	ng	98
65) 4,6-Dinitro-2-methylph...	15.696	198	51735	47.178	ng	97
66) n-Nitrosodiphenylamine	15.825	169	209667	42.852	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	99895	42.620	ng	97
68) Hexachlorobenzene	16.624	284	122241	47.217	ng	99
69) Atrazine	16.777	200	94039	51.353	ng	94
70) Pentachlorophenol	16.965	266	160187	94.359	ng	98
71) Phenanthrene	17.359	178	400420	44.172	ng	99
72) Anthracene	17.453	178	410814	44.002	ng	99
73) Carbazole	17.717	167	355485	45.847	ng	99
74) Di-n-butylphthalate	18.287	149	413900	43.967	ng	99
75) Fluoranthene	19.374	202	538377	44.751	ng	98
77) Benzidine	19.550	184	157367	45.346	ng	97
78) Pyrene	19.732	202	551075	43.212	ng	99
80) Butylbenzylphthalate	20.631	149	186982	43.990	ng	98
81) Benzo(a)anthracene	21.560	228	597307	45.361	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	158124	33.227	ng	# 99
83) Chrysene	21.624	228	558093	44.516	ng	98
84) Bis(2-ethylhexyl)phtha...	21.489	149	266412	43.110	ng	# 97
85) Di-n-octyl phthalate	22.676	149	454333	44.282	ng	98
87) Indeno(1,2,3-cd)pyrene	28.240	276	737408	47.119	ng	100
88) Benzo(b)fluoranthene	23.716	252	590687	46.204	ng	97
89) Benzo(k)fluoranthene	23.780	252	581859	45.086	ng	99
90) Benzo(a)pyrene	24.556	252	548504	44.326	ng	100
91) Dibenzo(a,h)anthracene	28.310	278	590228	46.162	ng	96
92) Benzo(g,h,i)perylene	29.356	276	547620	43.196	ng	99

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

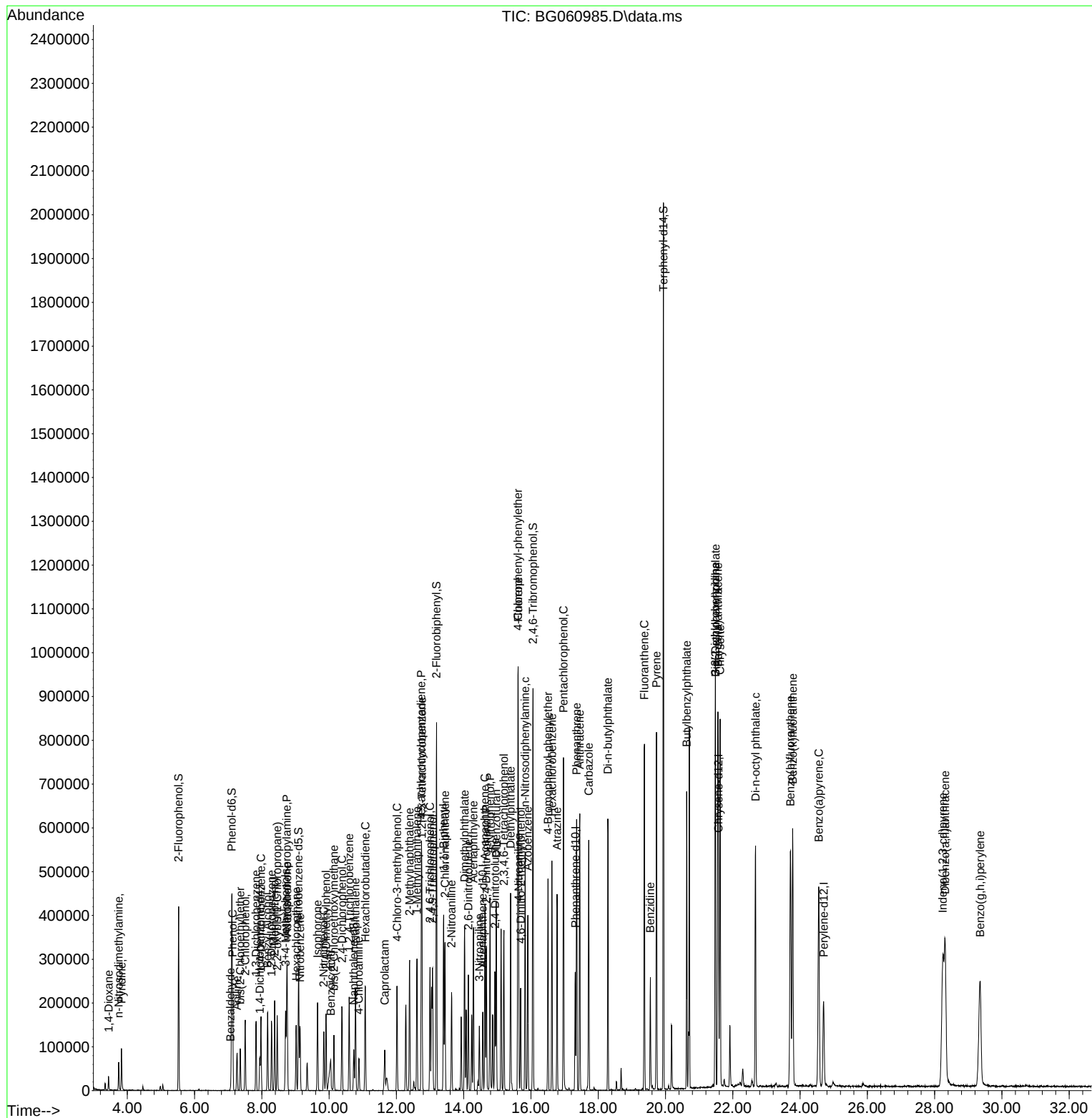
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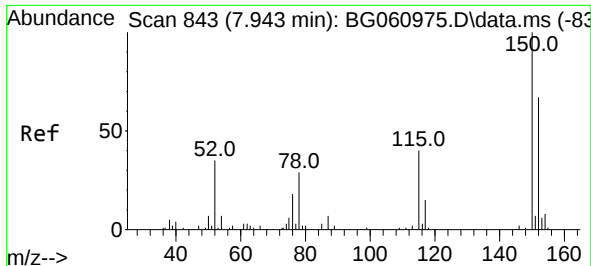
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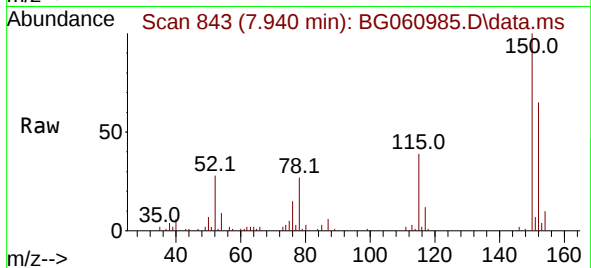
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

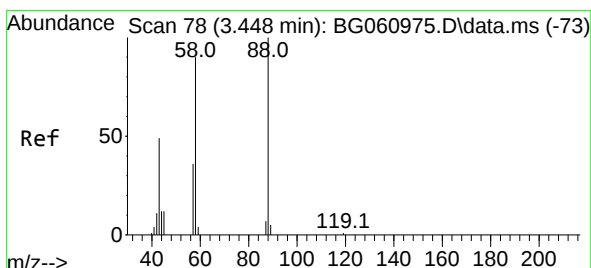
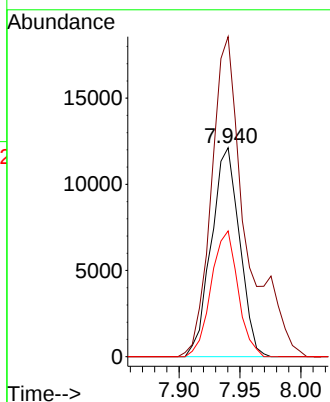
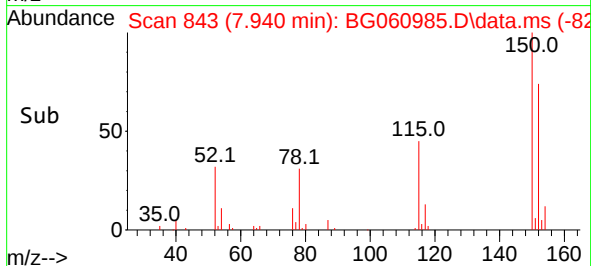
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



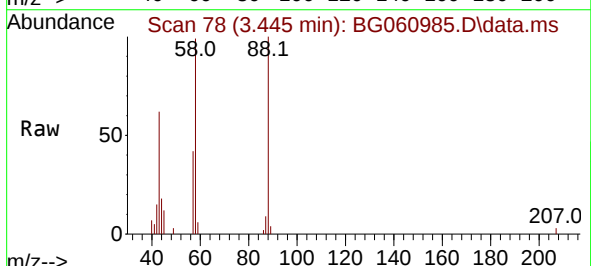
Tgt Ion:152 Resp: 1960
Ion Ratio Lower Upper
152 100
150 153.2 118.6 178.0
115 60.2 47.4 71.0

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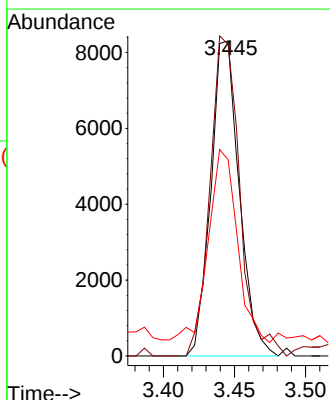
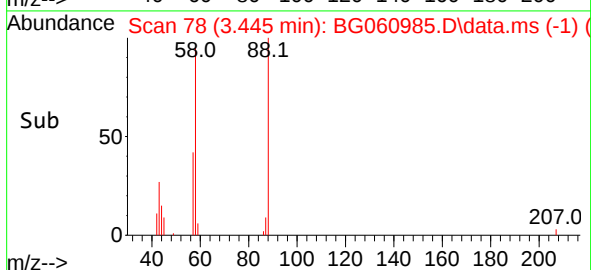
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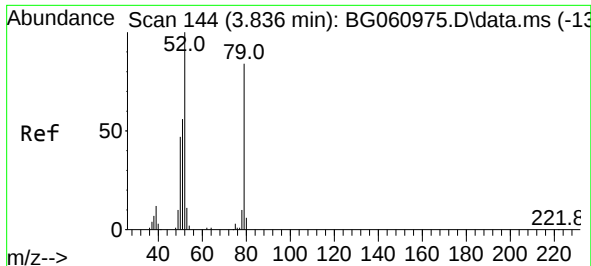


#2
1,4-Dioxane
Concen: 34.454 ng
RT: 3.445 min Scan# 78
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



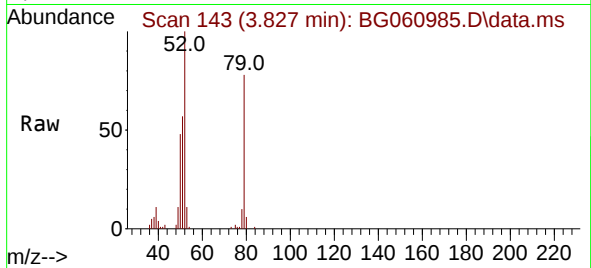
Tgt Ion: 88 Resp: 11556
Ion Ratio Lower Upper
88 100
58 105.6 80.2 120.2
43 62.5 43.4 65.0





#3
Pyridine
Concen: 30.861 ng
RT: 3.827 min Scan# 144
Delta R.T. -0.009 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

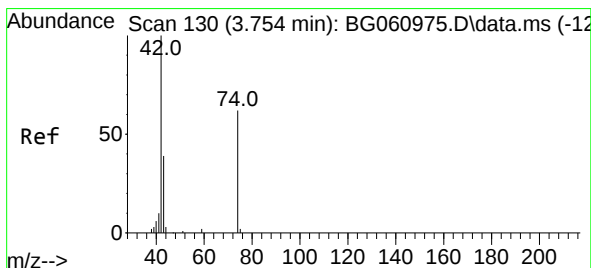
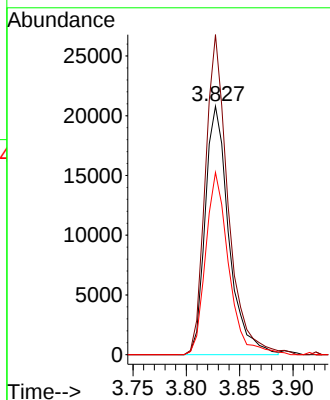
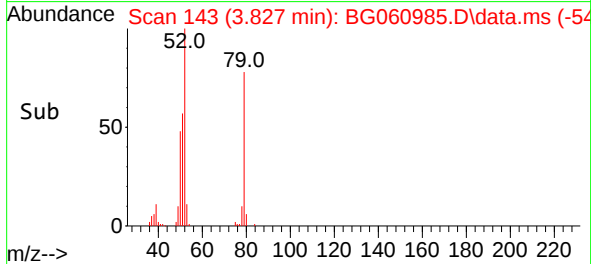
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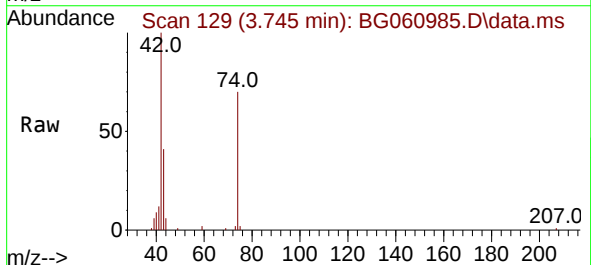
Tgt Ion: 79 Resp: 3199
Ion Ratio Lower Upper
79 100
52 128.8 95.0 142.6
51 73.4 53.3 79.9

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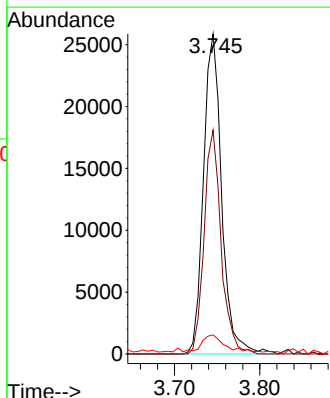
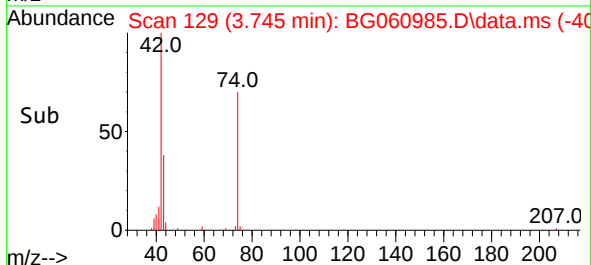
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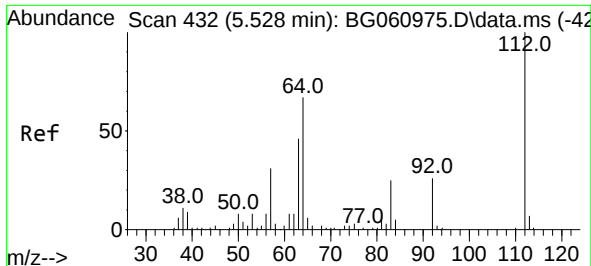


#4
n-Nitrosodimethylamine
Concen: 41.176 ng
RT: 3.745 min Scan# 129
Delta R.T. -0.009 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion: 42 Resp: 38395
Ion Ratio Lower Upper
42 100
74 69.9 49.8 74.6
44 6.0 3.8 5.6#





#5
2-Fluorophenol
Concen: 148.412 ng
RT: 5.525 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

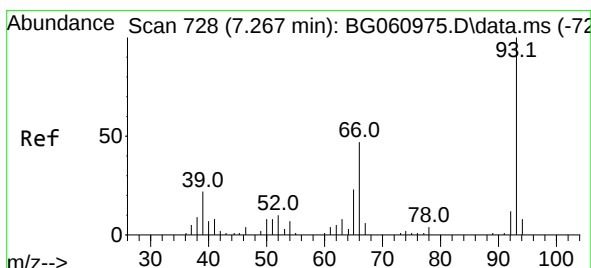
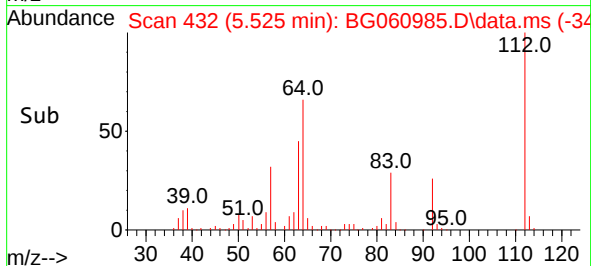
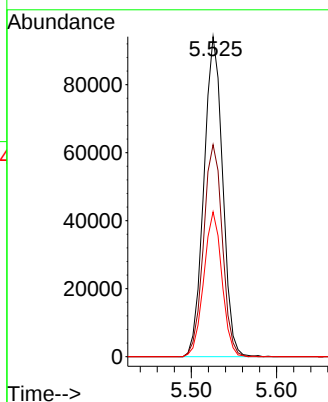
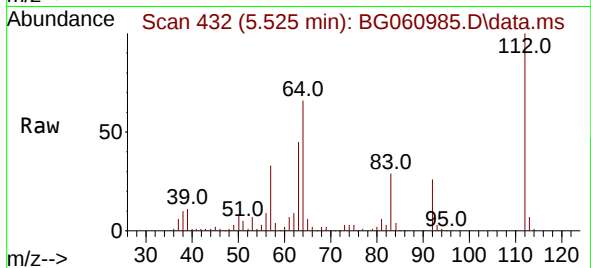
PB160360BSD

Tgt Ion:112 Resp: 143830
Ion Ratio Lower Upper
112 100
64 66.2 53.7 80.5
63 45.2 37.0 55.6

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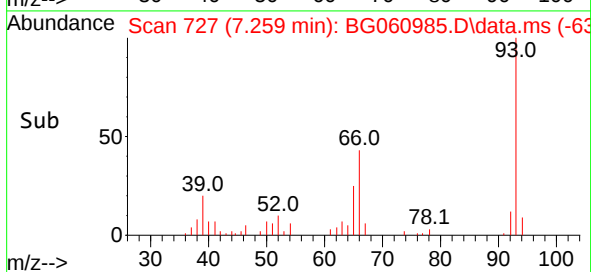
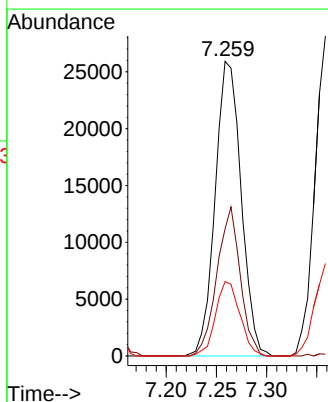
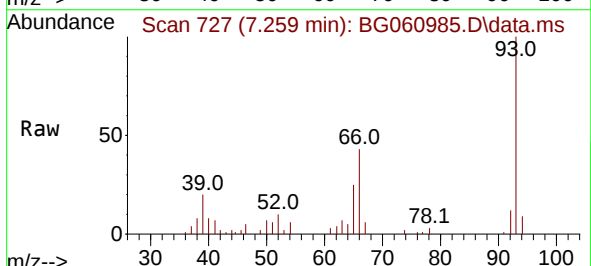
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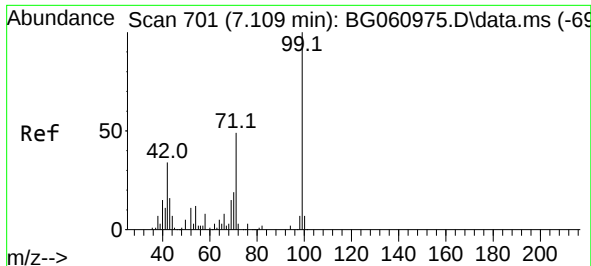
Reviewed By :Yogesh Patel 04/24/2024
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#6
Aniline
Concen: 27.004 ng
RT: 7.259 min Scan# 727
Delta R.T. -0.009 min
Lab File: BG060985.D
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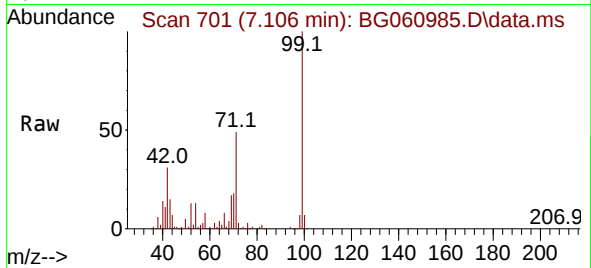
Tgt Ion: 93 Resp: 46668
Ion Ratio Lower Upper
93 100
66 43.2 37.9 56.9
65 25.3 18.2 27.4





#7
Phenol-d6
Concen: 143.630 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

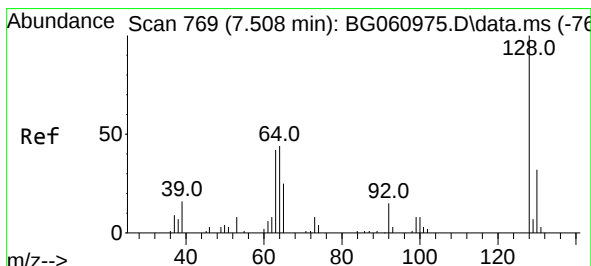
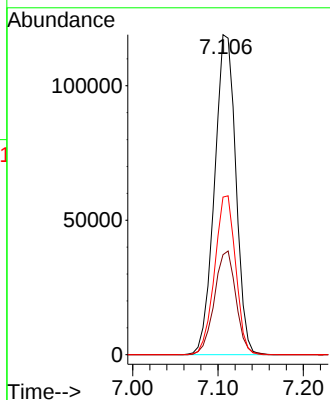
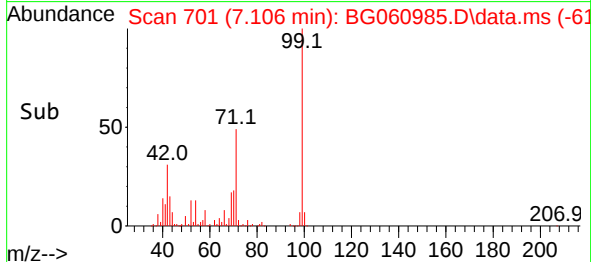
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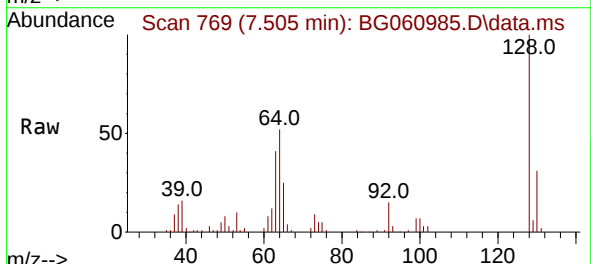
Tgt Ion: 99 Resp: 206529
Ion Ratio Lower Upper
99 100
42 31.2 27.2 40.8
71 49.3 38.8 58.2

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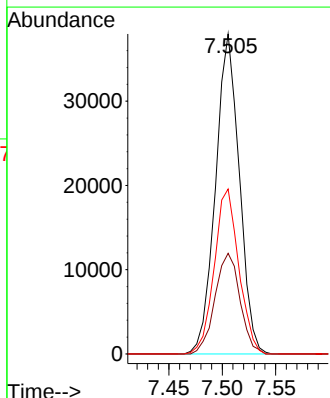
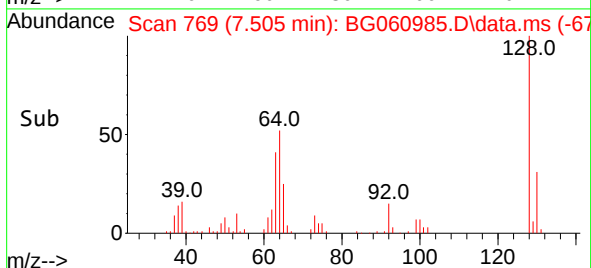
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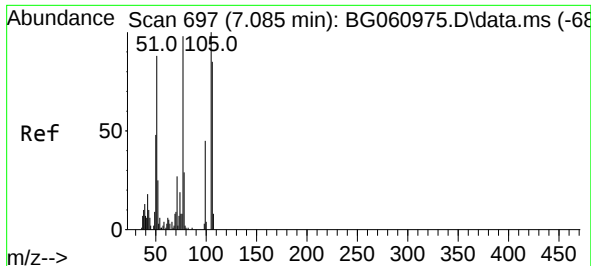


#8
2-Chlorophenol
Concen: 48.731 ng
RT: 7.505 min Scan# 769
Delta R.T. -0.003 min
Lab File: BG060985.D
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Tgt Ion:128 Resp: 58844
Ion Ratio Lower Upper
128 100
130 31.4 12.2 52.2
64 51.6 30.8 70.8





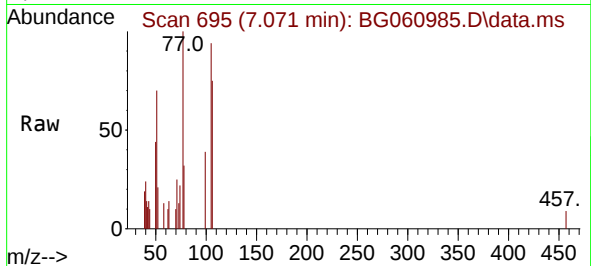
#9
Benzaldehyde
Concen: 3.975 ng
RT: 7.071 min Scan# 697
Delta R.T. -0.014 min
Lab File: BG060985.D
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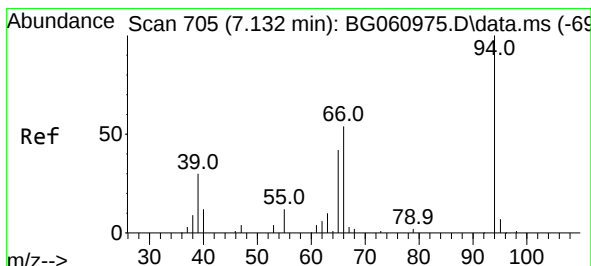
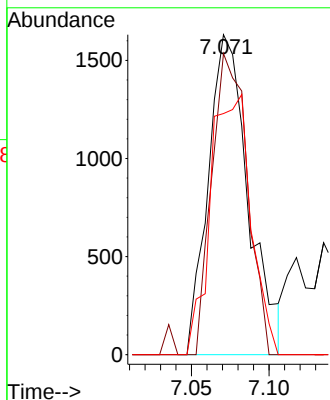
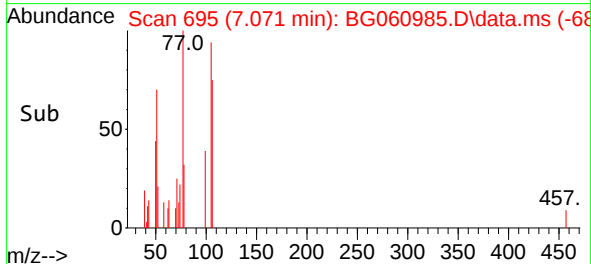
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Ion Ratio Lower Upper
77 100
105 94.1 81.7 121.7
106 75.4 66.7 106.7

Manual Integrations

APPROVED

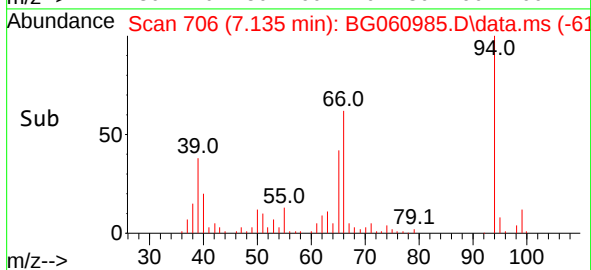
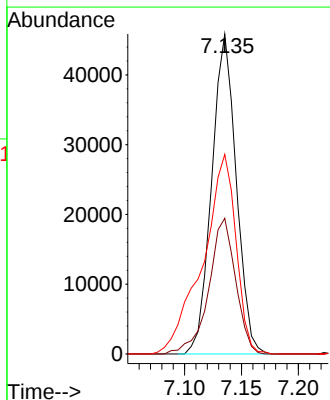
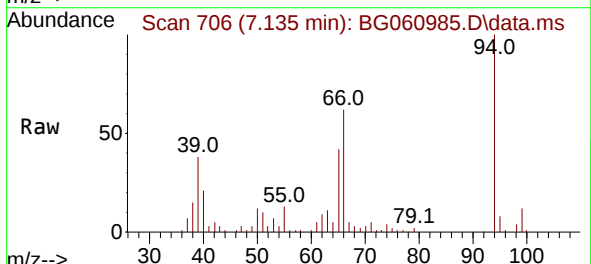
Reviewed By :Yogesh Patel 04/24/2024

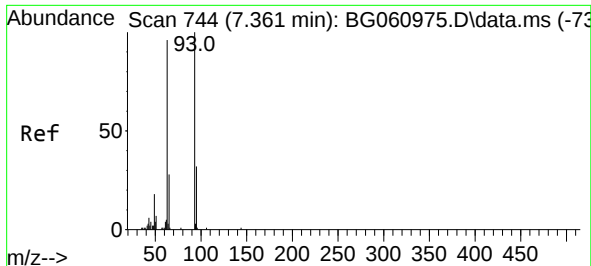
Supervised By :mohammad ahmed 04/24/2024



#10
Phenol
Concen: 48.143 ng
RT: 7.135 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

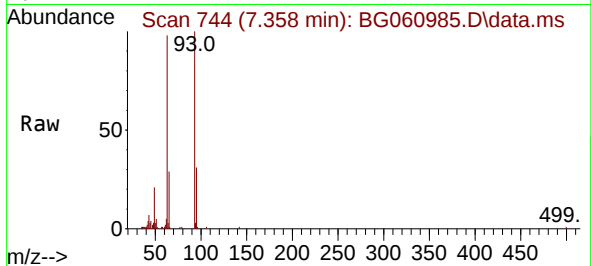
Tgt Ion: 94 Resp: 68777
Ion Ratio Lower Upper
94 100
65 42.4 23.1 63.1
66 62.3 38.0 78.0





#11
bis(2-Chloroethyl)ether
Concen: 44.111 ng
RT: 7.358 min Scan# 744
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

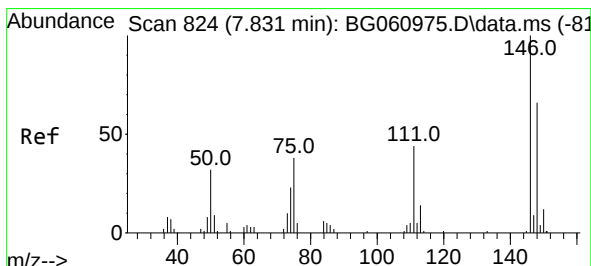
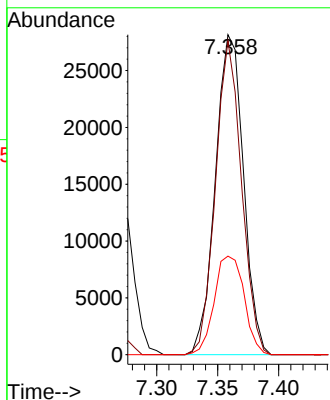
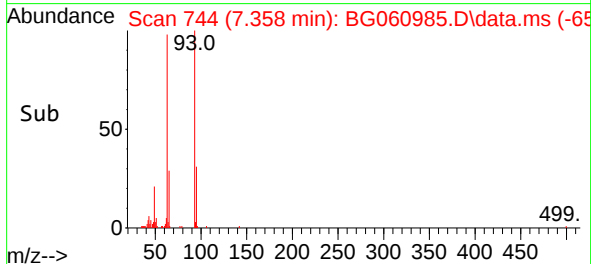
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



Tgt Ion: 93 Resp: 45086
Ion Ratio Lower Upper
93 100
63 98.1 75.6 115.6
95 30.8 12.1 52.1

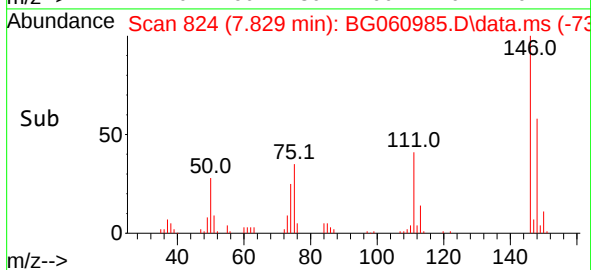
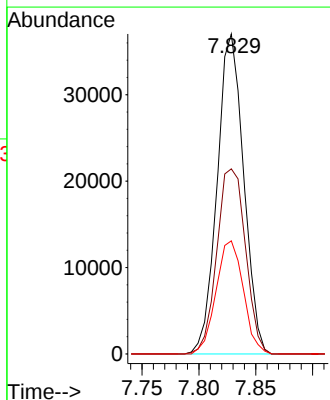
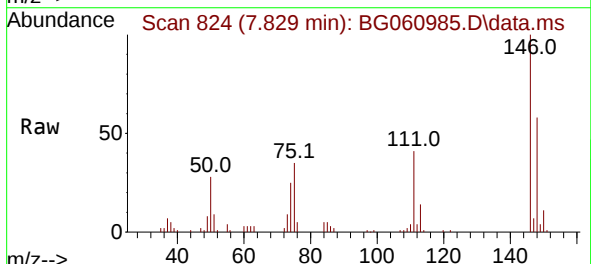
Manual Integrations
APPROVED

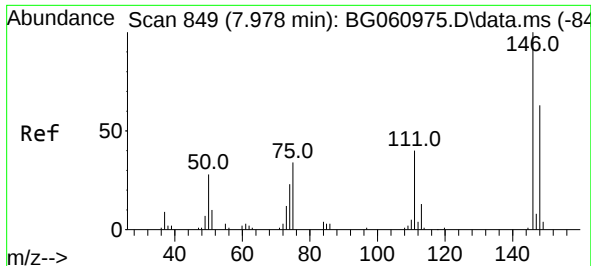
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.898 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:146 Resp: 60122
Ion Ratio Lower Upper
146 100
148 57.9 52.7 79.1
75 35.3 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 45.552 ng

RT: 7.975 min Scan# 849

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

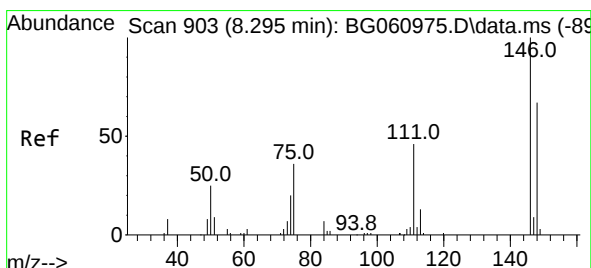
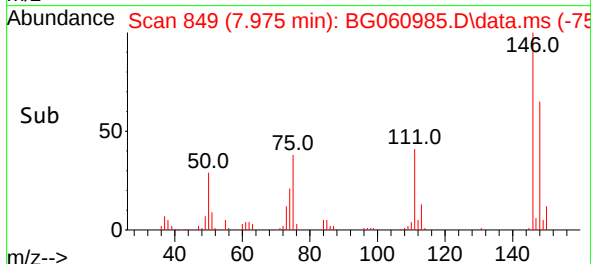
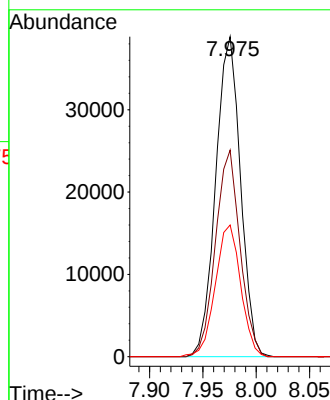
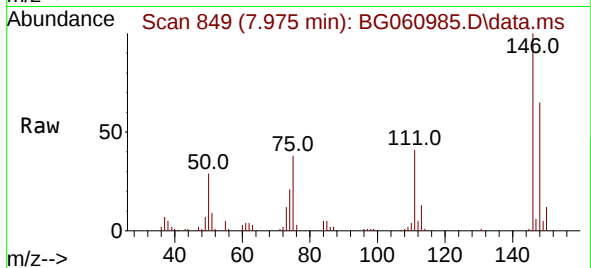
Tgt Ion:146 Resp: 62831
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 41.2 32.7 49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#14

1,2-Dichlorobenzene

Concen: 44.663 ng

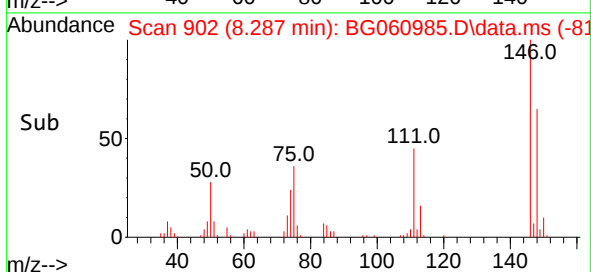
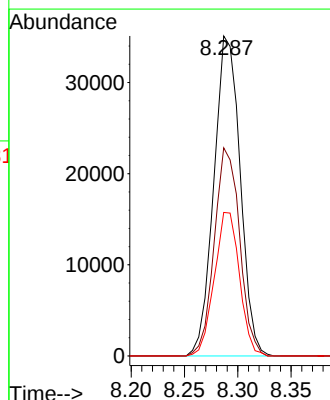
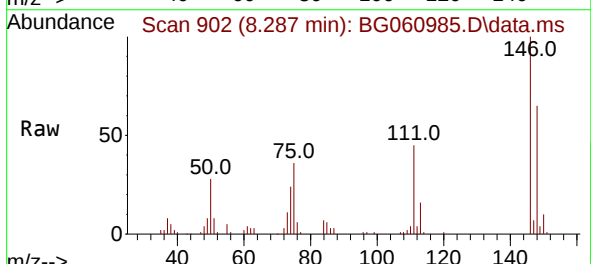
RT: 8.287 min Scan# 902

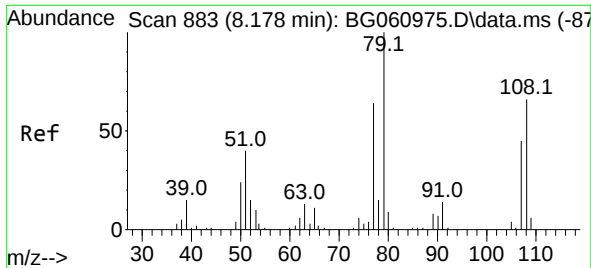
Delta R.T. -0.009 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:146 Resp: 60206
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.8 80.8
 111 44.8 38.2 57.2





#15
Benzyl Alcohol
Concen: 43.942 ng
RT: 8.169 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

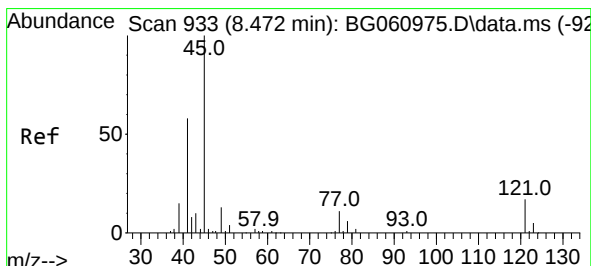
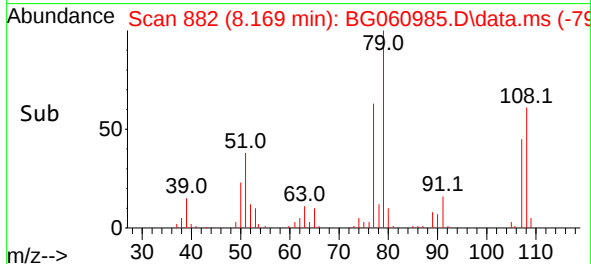
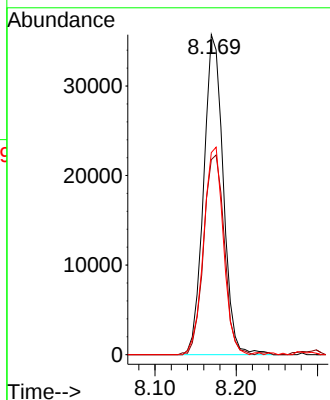
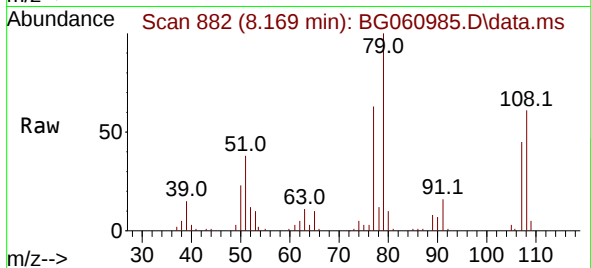
ClientSampleId :

PB160360BSD

Tgt Ion: 79 Resp: 5965
Ion Ratio Lower Upper
79 100
108 60.9 53.0 79.6
77 63.1 51.4 77.0

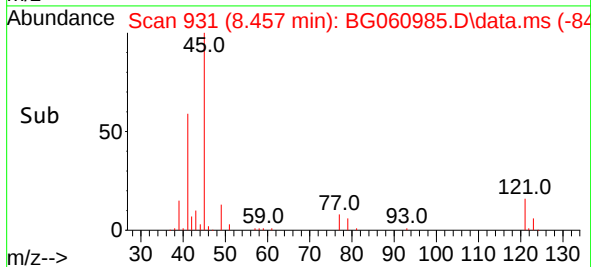
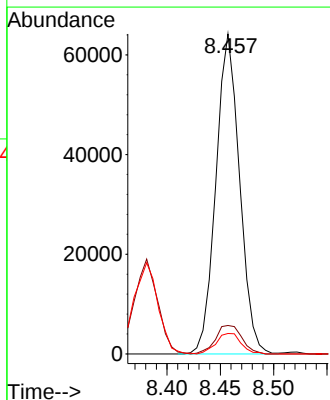
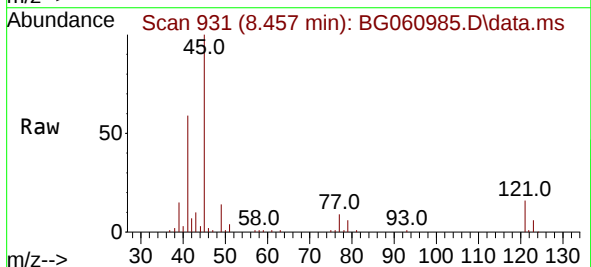
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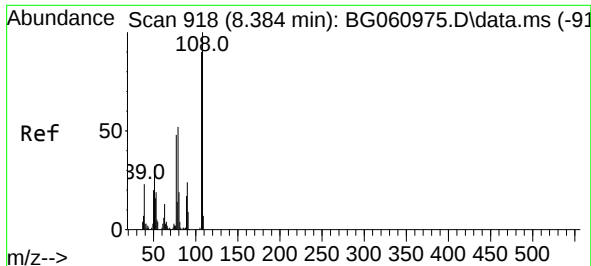
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.448 ng
RT: 8.457 min Scan# 931
Delta R.T. -0.014 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion: 45 Resp: 98896
Ion Ratio Lower Upper
45 100
77 8.9 0.0 30.6
79 6.4 0.0 26.6





#17
2-Methylphenol
Concen: 43.413 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

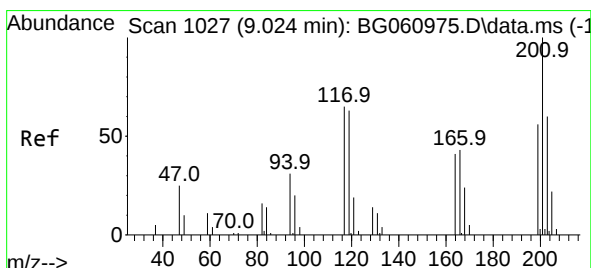
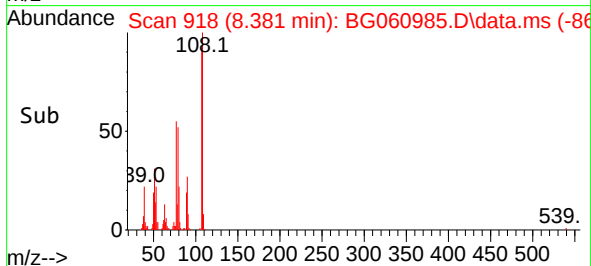
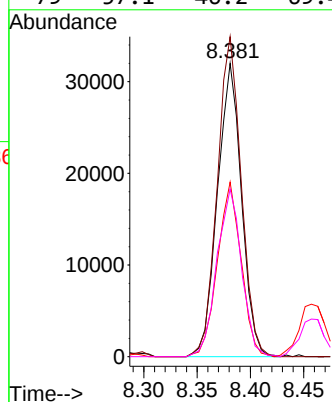
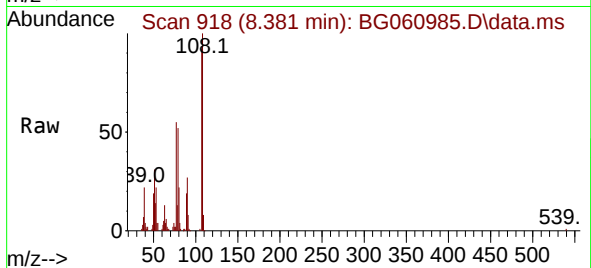
Tgt Ion:107 Resp: 50078
Ion Ratio Lower Upper
107 100
108 109.1 89.2 133.8
77 59.5 43.0 64.6
79 57.1 46.2 69.4

Manual Integrations

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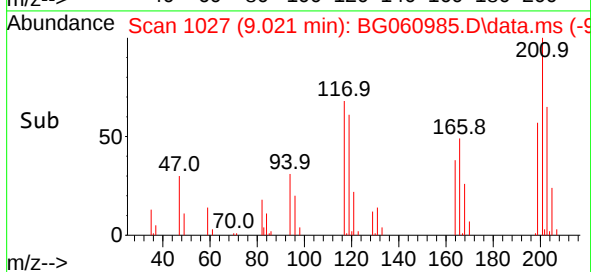
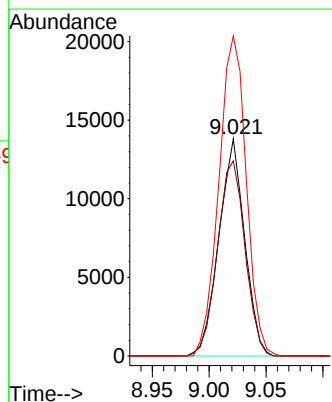
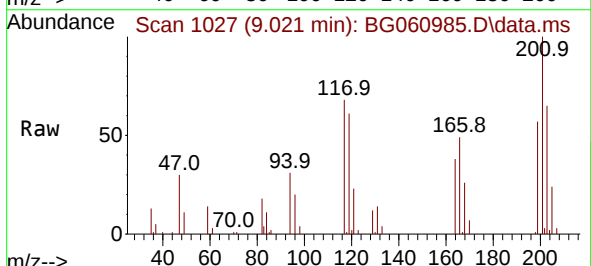
Reviewed By :Yogesh Patel 04/24/2024

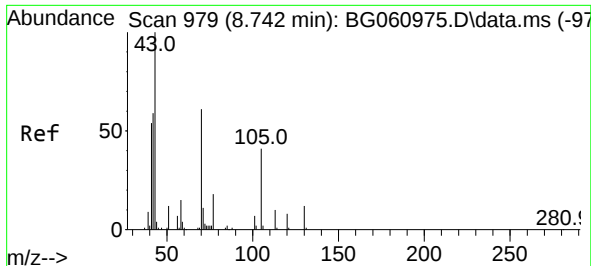
Supervised By :mohammad ahmed 04/24/2024



#18
Hexachloroethane
Concen: 43.707 ng
RT: 9.021 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

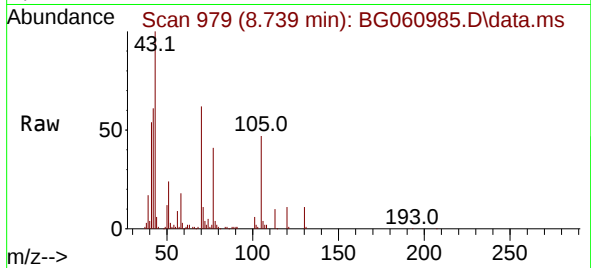
Tgt Ion:117 Resp: 21723
Ion Ratio Lower Upper
117 100
119 89.9 79.8 119.8
201 147.3 124.0 186.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.802 ng
RT: 8.739 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

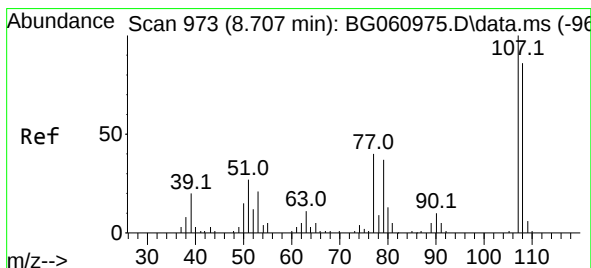
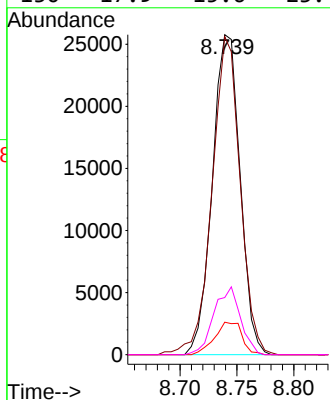
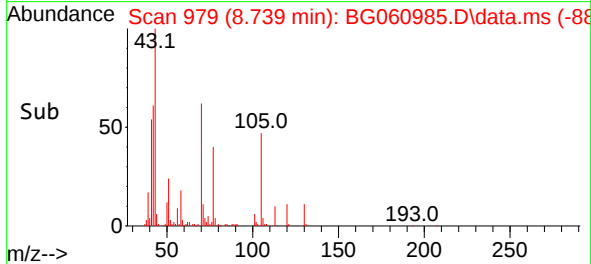
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



Tgt Ion: 70 Resp: 43724
Ion Ratio Lower Upper
70 100
42 99.4 78.0 117.0
101 10.1 8.6 13.0
130 17.9 15.6 23.4

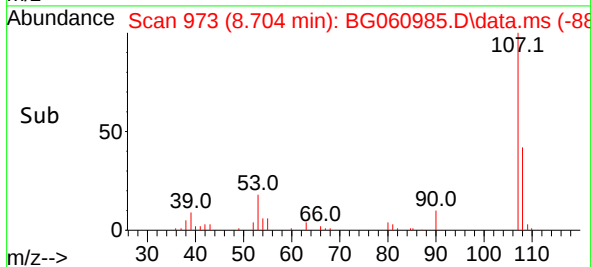
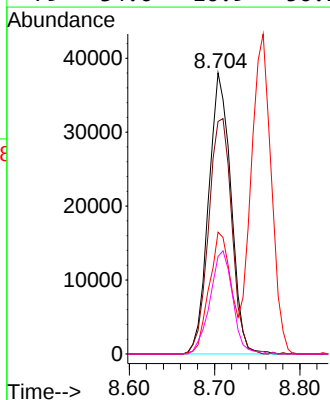
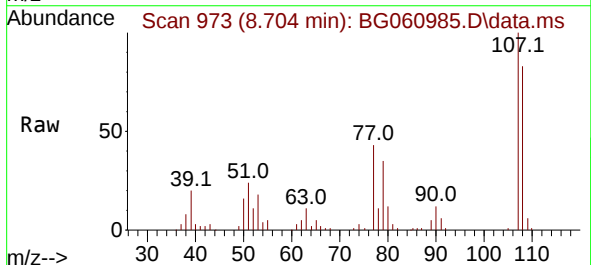
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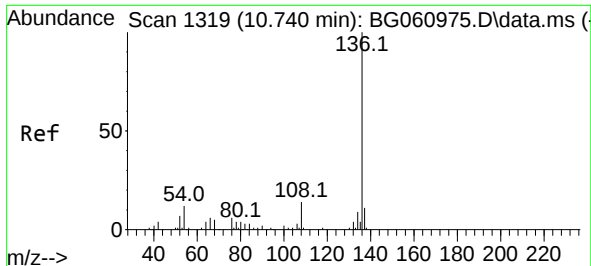
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#20
3+4-Methylphenols
Concen: 42.919 ng
RT: 8.704 min Scan# 973
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:107 Resp: 69239
Ion Ratio Lower Upper
107 100
108 82.6 66.5 106.5
77 43.3 19.9 59.9
79 34.6 16.9 56.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1319
Delta R.T. -0.009 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

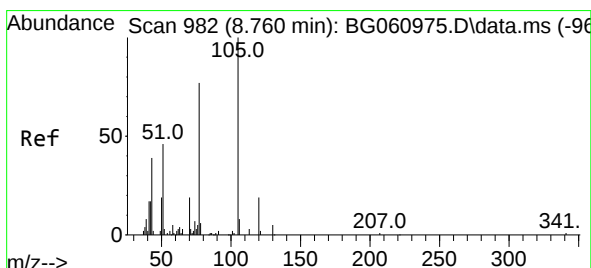
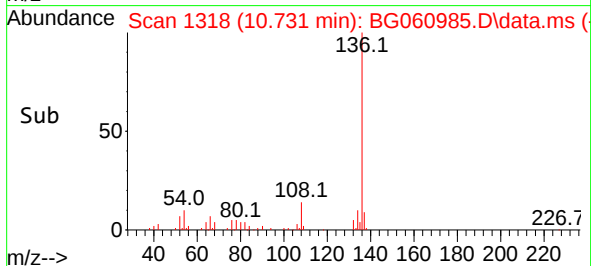
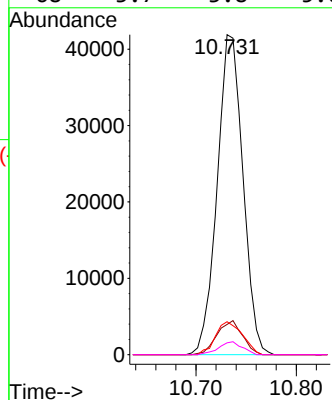
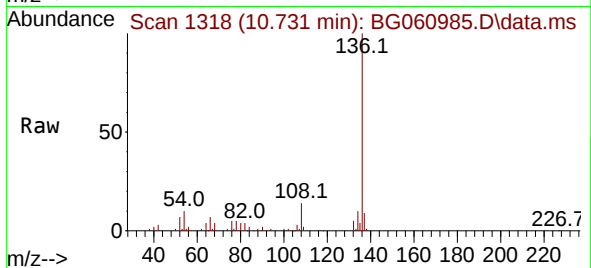
Tgt Ion:136 Resp: 74609
Ion Ratio Lower Upper
136 100
137 9.5 8.5 12.7
54 10.3 9.4 14.0
68 3.7 3.8 5.6#

Manual Integrations

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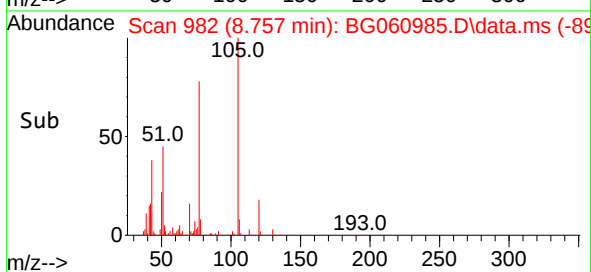
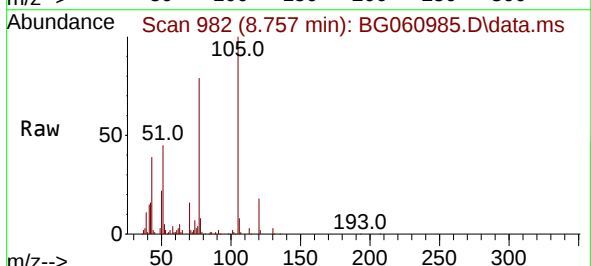
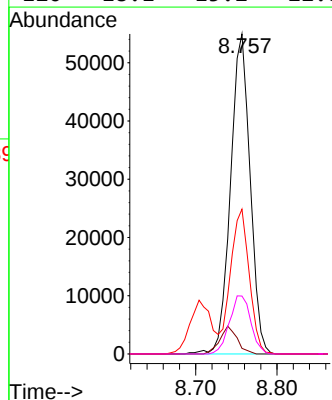
Reviewed By :Yogesh Patel 04/24/2024

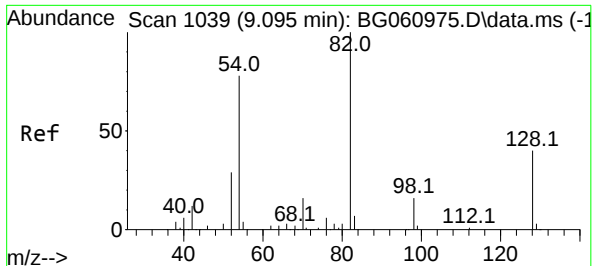
Supervised By :mohammad ahmed 04/24/2024



#22
Acetophenone
Concen: 44.022 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:105 Resp: 91708
Ion Ratio Lower Upper
105 100
71 1.8 2.5 3.7#
51 45.3 37.8 56.6
120 18.1 15.2 22.8





#23

Nitrobenzene-d5

Concen: 85.813 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.003 min

Lab File: BG060985.D

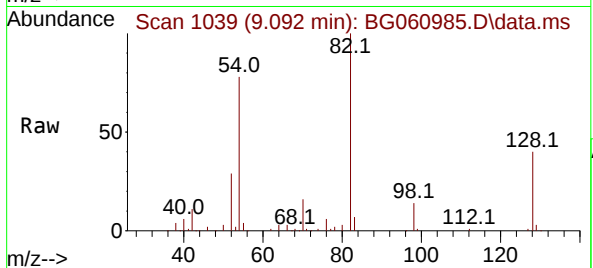
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



Tgt Ion: 82 Resp: 14249

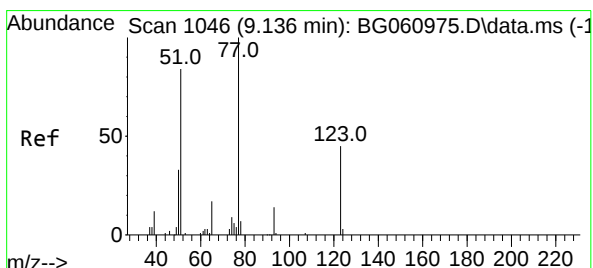
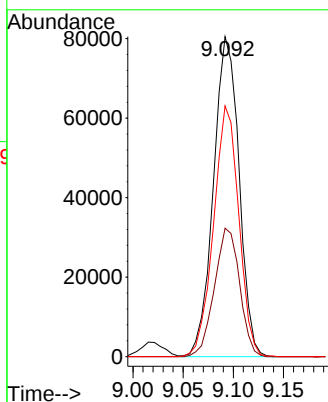
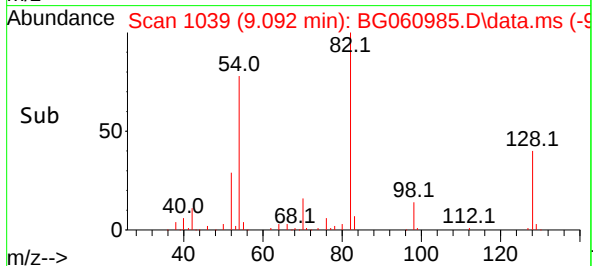
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.1	48.1
54	78.3	62.3	93.5

Manual Integrations

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Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#24

Nitrobenzene

Concen: 42.212 ng

RT: 9.133 min Scan# 1046

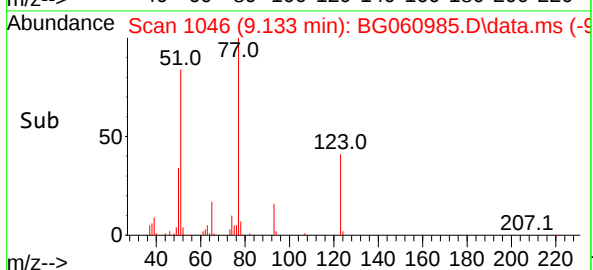
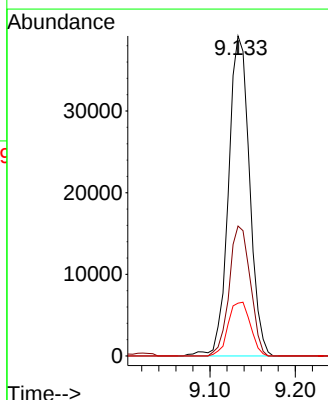
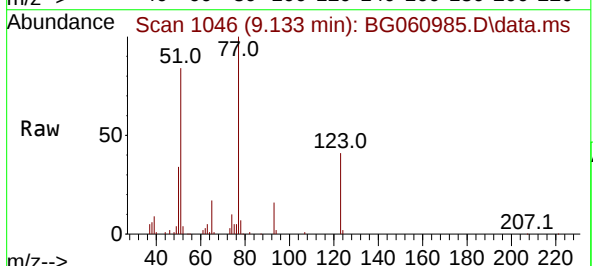
Delta R.T. -0.003 min

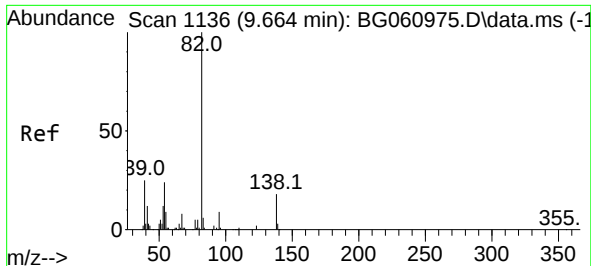
Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion: 77 Resp: 67353

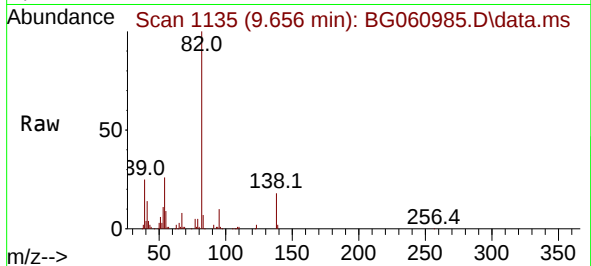
Ion	Ratio	Lower	Upper
77	100		
123	40.6	35.9	53.9
65	16.5	13.3	19.9





#25
Isophorone
Concen: 42.075 ng
RT: 9.656 min Scan# 1135
Delta R.T. -0.009 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

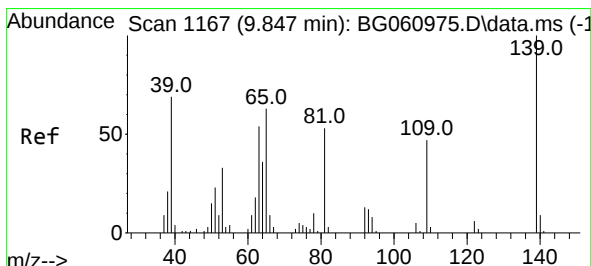
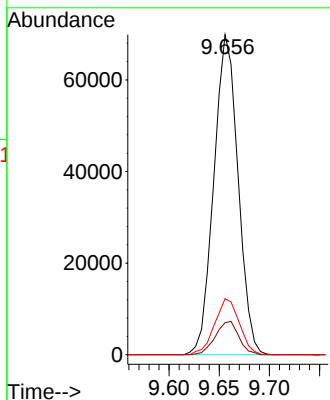
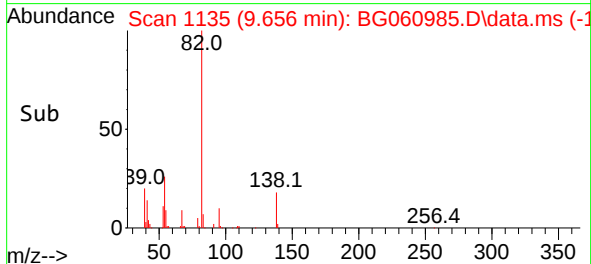
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



Tgt Ion: 82 Resp: 116924
Ion Ratio Lower Upper
82 100
95 10.0 7.6 11.4
138 17.5 14.2 21.2

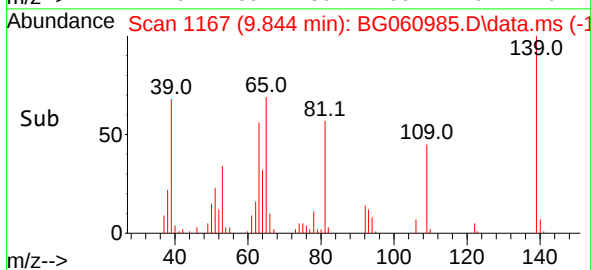
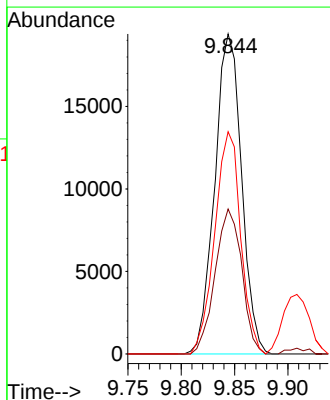
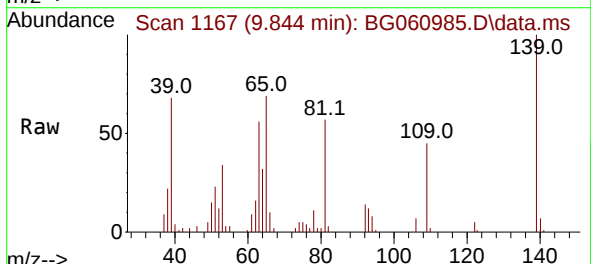
Manual Integrations
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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#26
2-Nitrophenol
Concen: 45.132 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:139 Resp: 33845
Ion Ratio Lower Upper
139 100
109 45.3 37.4 56.2
65 69.5 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 36.396 ng

RT: 9.908 min Scan# 1178

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

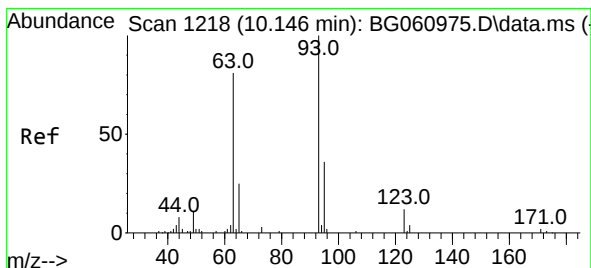
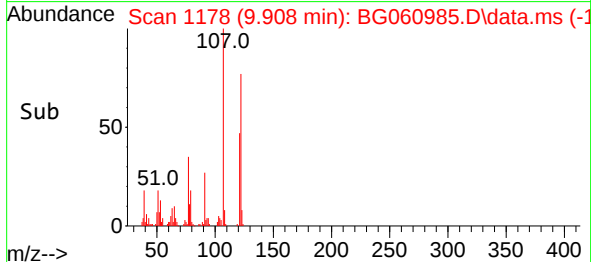
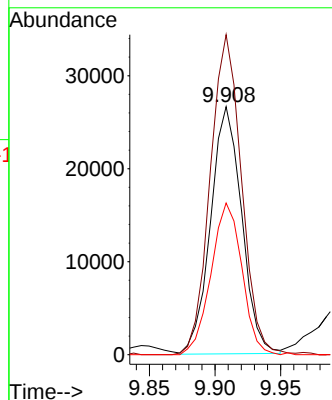
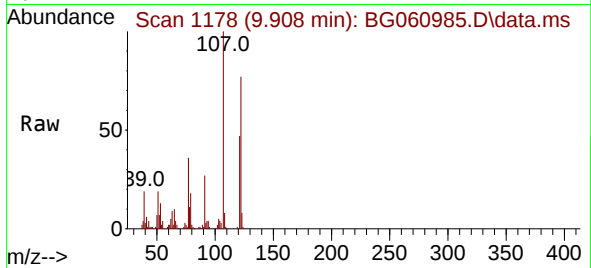
Tgt Ion:122 Resp: 43748
 Ion Ratio Lower Upper
 122 100
 107 129.0 98.7 148.1
 121 61.2 46.3 69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.013 ng

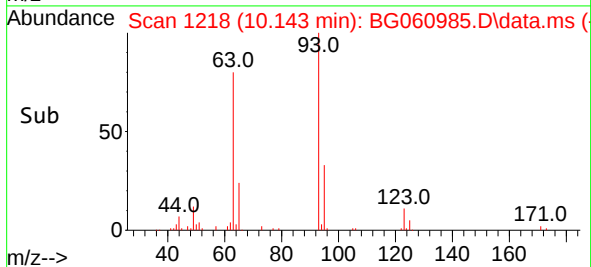
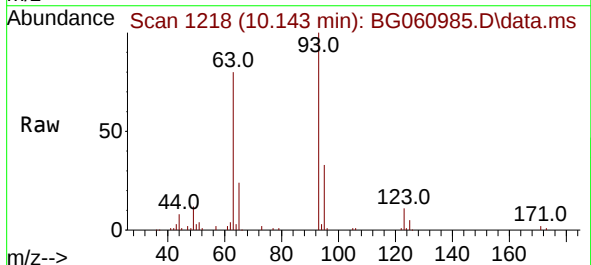
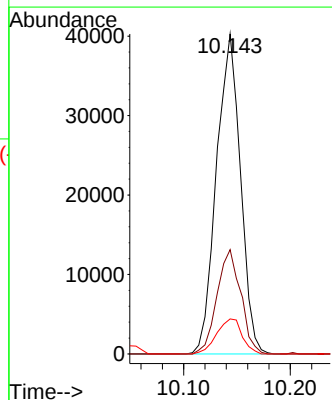
RT: 10.143 min Scan# 1218

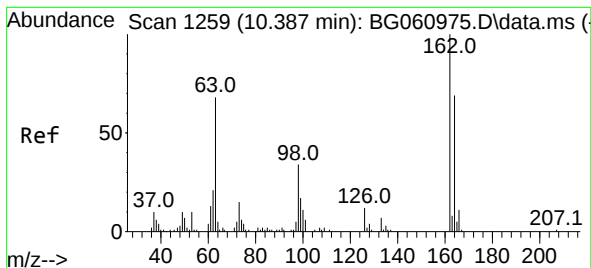
Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion: 93 Resp: 62879
 Ion Ratio Lower Upper
 93 100
 95 32.6 28.8 43.2
 123 11.0 9.8 14.6





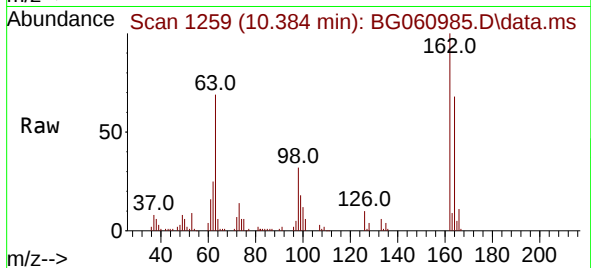
#29
2,4-Dichlorophenol
Concen: 47.280 ng
RT: 10.384 min Scan# 1259
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

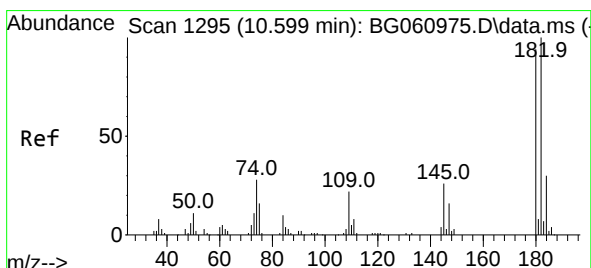
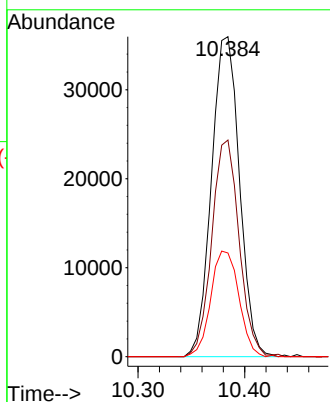
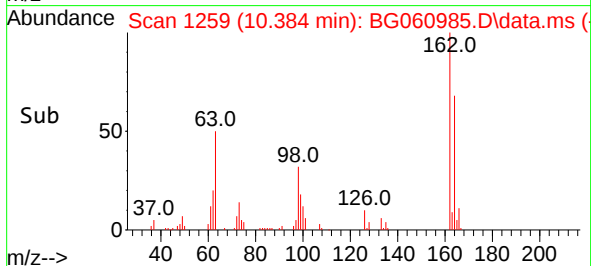
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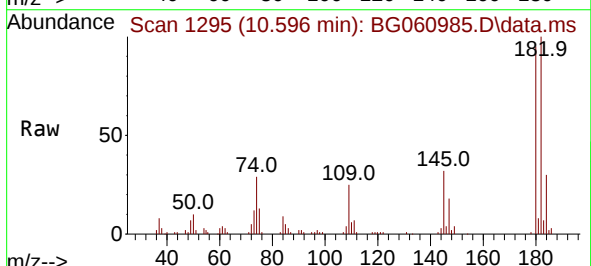
Tgt Ion:162 Resp: 6559
Ion Ratio Lower Upper
162 100
164 67.7 49.0 89.0
98 32.4 14.3 54.3

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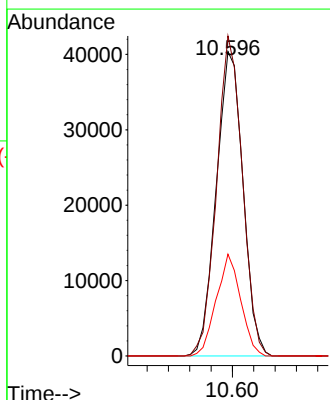
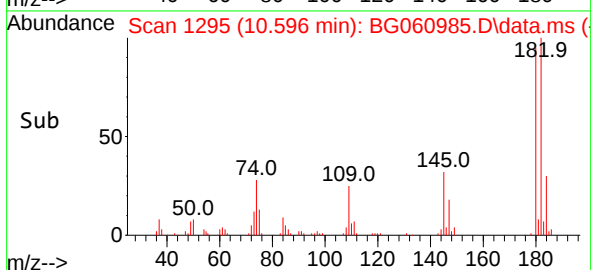
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

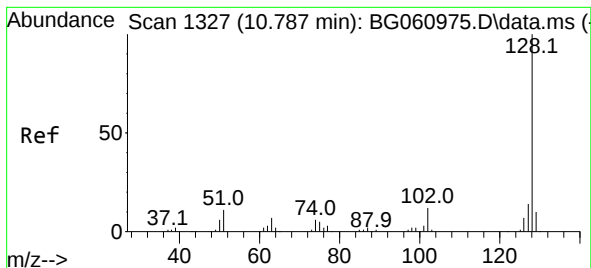


#30
1,2,4-Trichlorobenzene
Concen: 45.834 ng
RT: 10.596 min Scan# 1295
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



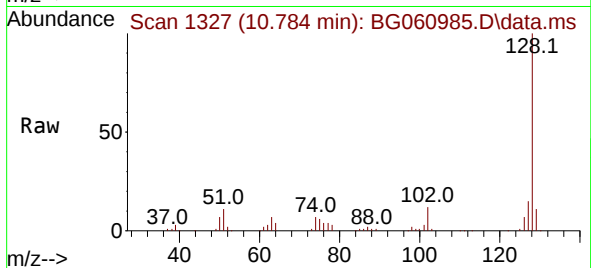
Tgt Ion:180 Resp: 70155
Ion Ratio Lower Upper
180 100
182 105.1 85.4 128.2
145 33.4 22.6 33.8





#31
Naphthalene
Concen: 42.807 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

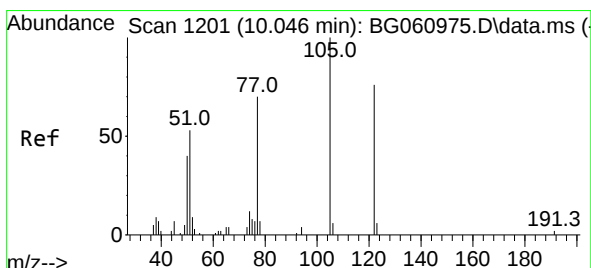
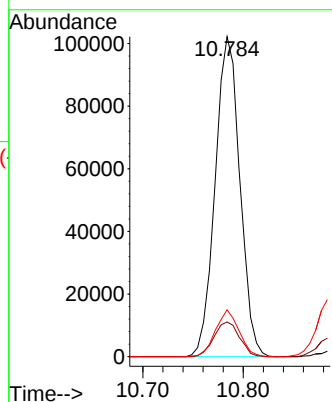
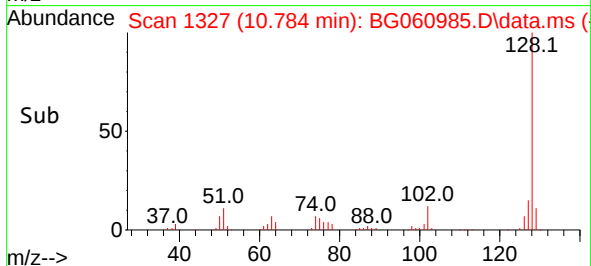
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



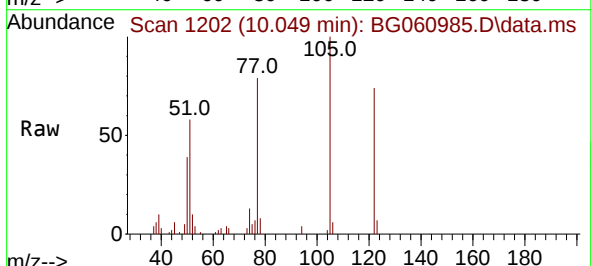
Tgt Ion:128 Resp: 17484
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 14.6 11.4 17.2

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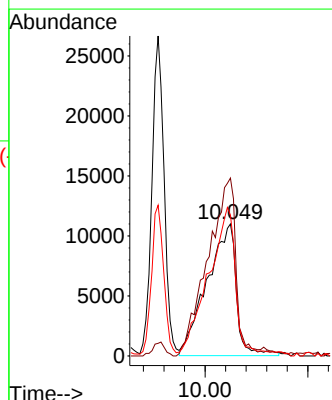
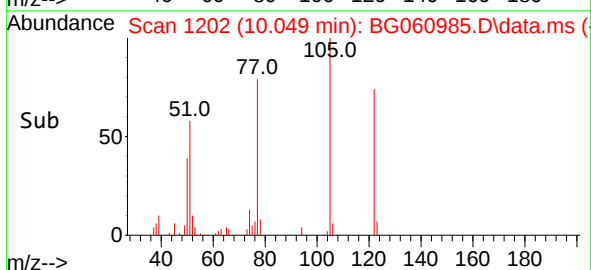
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

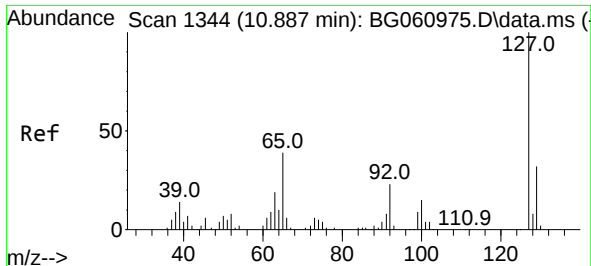


#32
Benzoic acid
Concen: 47.576 ng m
RT: 10.049 min Scan# 1202
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:122 Resp: 43572
Ion Ratio Lower Upper
122 100
105 134.8 106.2 146.2
77 106.7 70.1 110.1





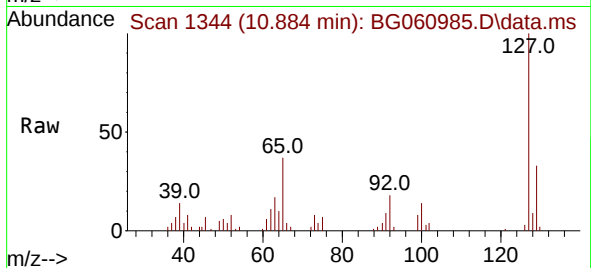
#33
4-Chloroaniline
Concen: 18.116 ng
RT: 10.884 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

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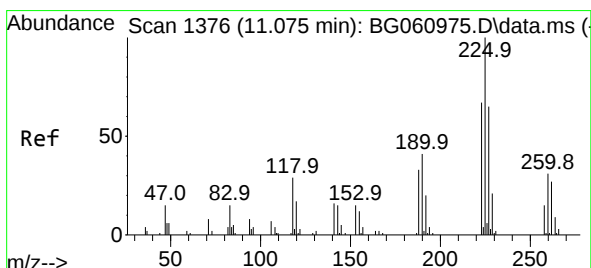
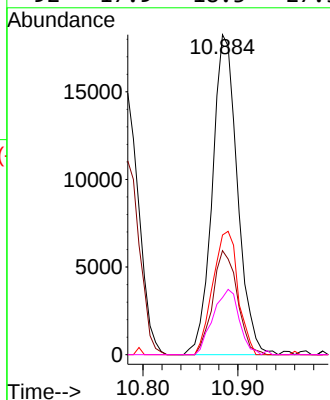
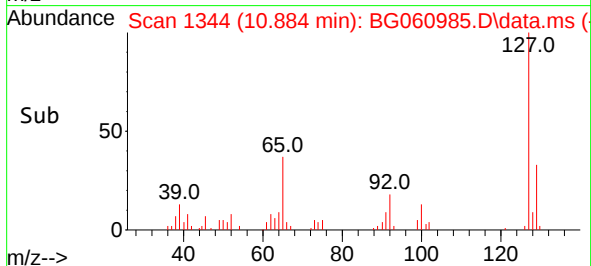


Tgt Ion:127 Resp: 3361
Ion Ratio Lower Upper
127 100
129 32.5 25.7 38.5
65 37.4 31.4 47.0
92 17.9 18.3 27.5#

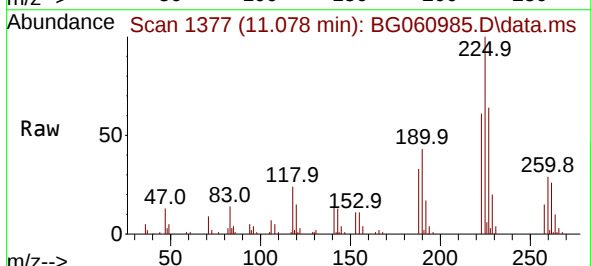
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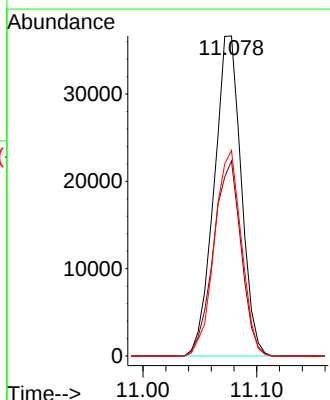
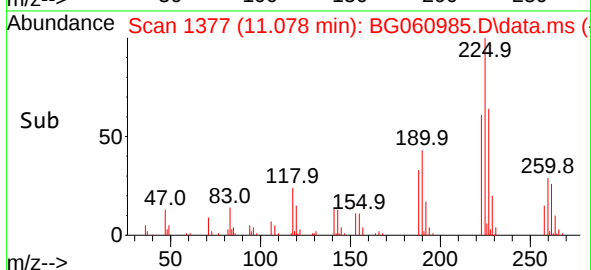
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

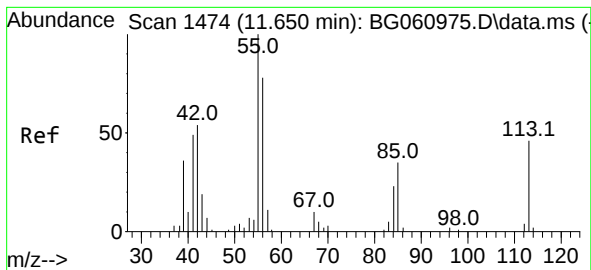


#34
Hexachlorobutadiene
Concen: 45.016 ng
RT: 11.078 min Scan# 1377
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



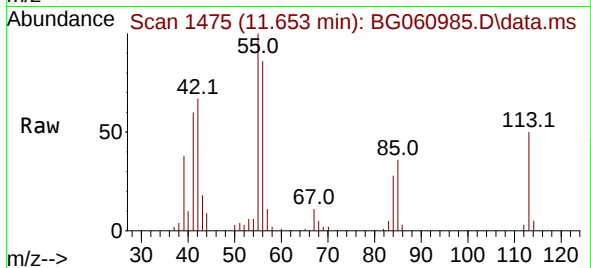
Tgt Ion:225 Resp: 60597
Ion Ratio Lower Upper
225 100
223 60.9 53.2 79.8
227 64.3 51.9 77.9





#35
Caprolactam
Concen: 46.769 ng m
RT: 11.653 min Scan# 1474
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

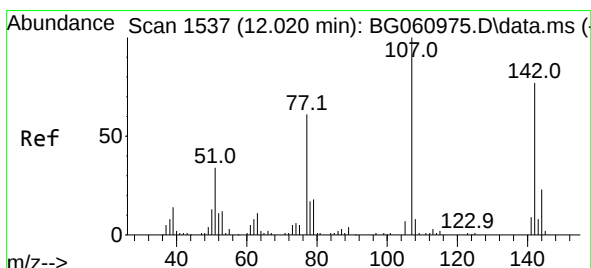
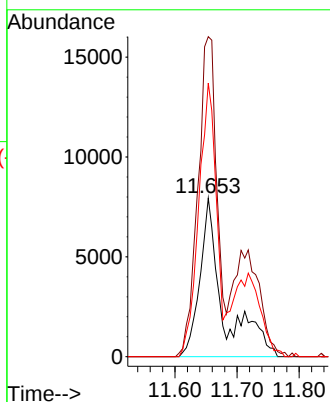
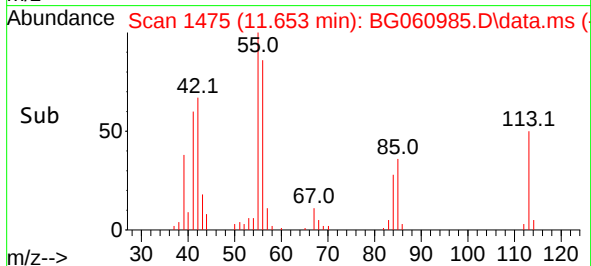
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



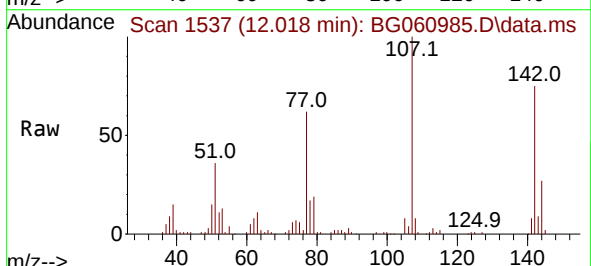
Tgt Ion:113 Resp: 20660
Ion Ratio Lower Upper
113 100
55 201.9 197.9 237.9
56 172.6 151.1 191.1

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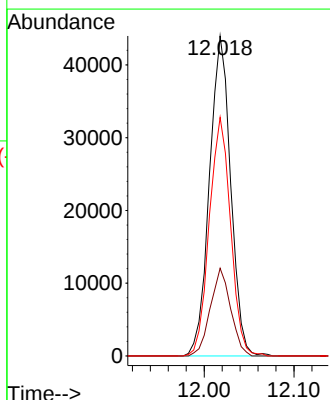
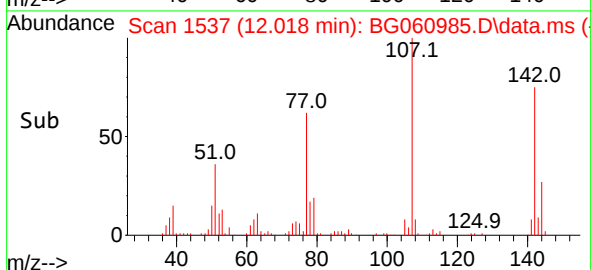
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

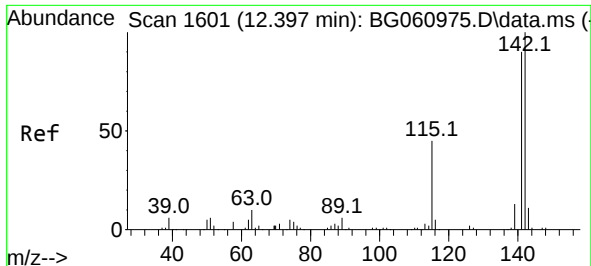


#36
4-Chloro-3-methylphenol
Concen: 44.587 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



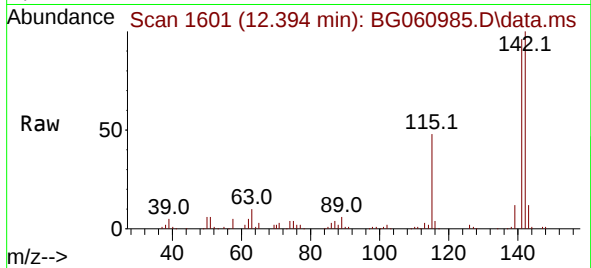
Tgt Ion:107 Resp: 72141
Ion Ratio Lower Upper
107 100
144 27.4 18.5 27.7
142 74.6 61.4 92.0





#37
2-Methylnaphthalene
Concen: 42.309 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

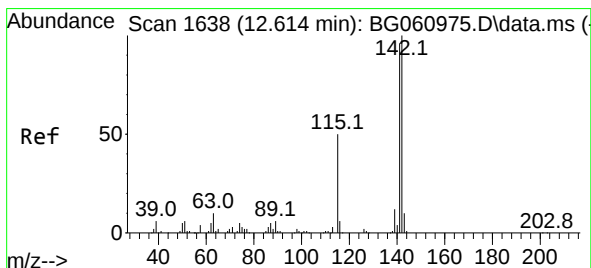
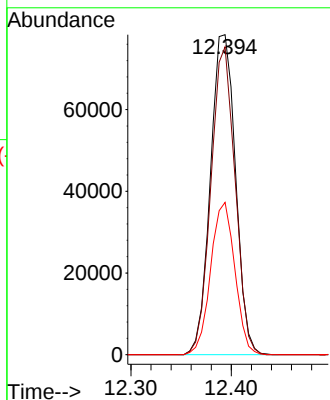
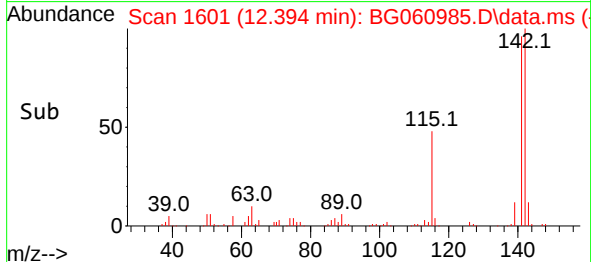
Instrument :
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ClientSampleId :
PB160360BSD



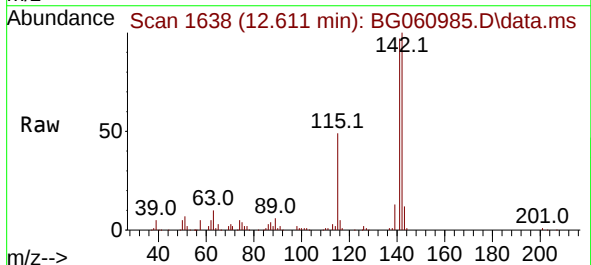
Tgt Ion:142 Resp: 135872
Ion Ratio Lower Upper
142 100
141 96.2 72.2 108.4
115 47.6 35.9 53.9

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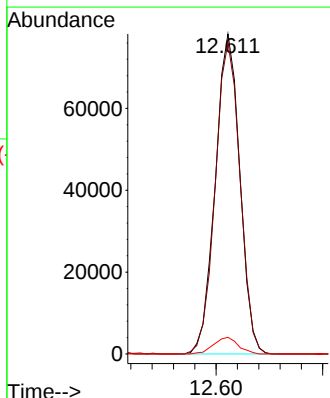
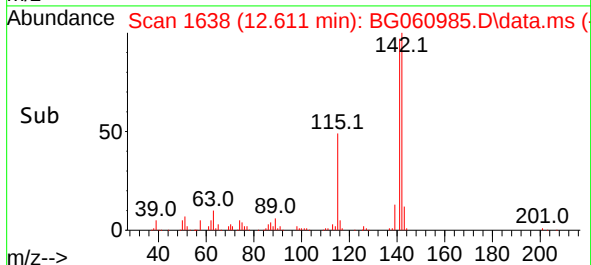
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

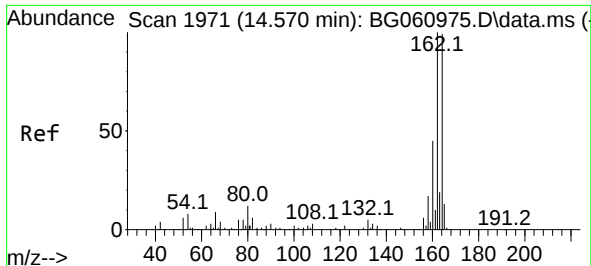


#38
1-Methylnaphthalene
Concen: 41.646 ng
RT: 12.611 min Scan# 1638
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:142 Resp: 124805
Ion Ratio Lower Upper
142 100
141 97.4 76.8 115.2
116 5.2 4.4 6.6





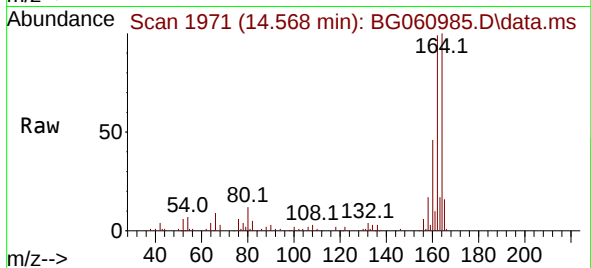
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



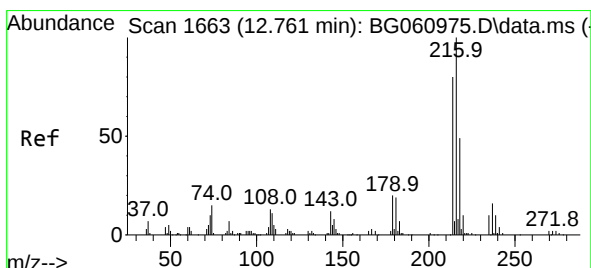
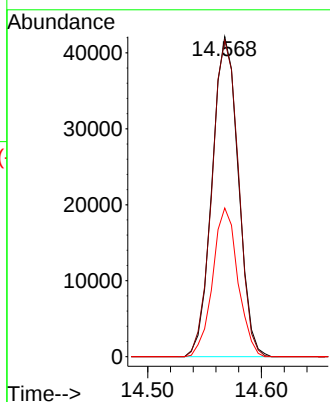
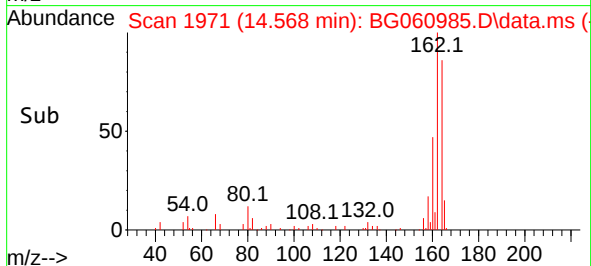
Tgt Ion:164 Resp: 67319
Ion Ratio Lower Upper
164 100
162 98.9 81.2 121.8
160 46.4 36.2 54.2

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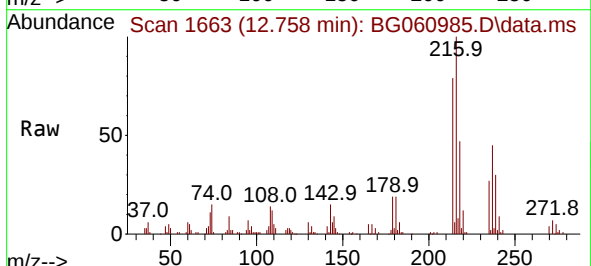
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Reviewed By :Yogesh Patel 04/24/2024

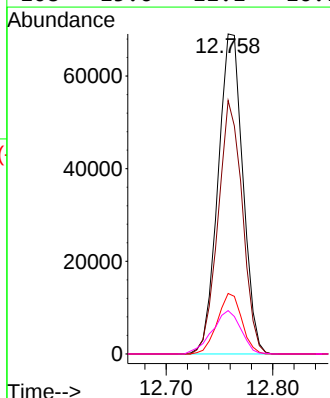
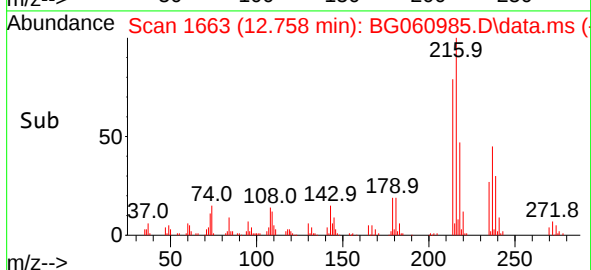
Supervised By :mohammad ahmed 04/24/2024

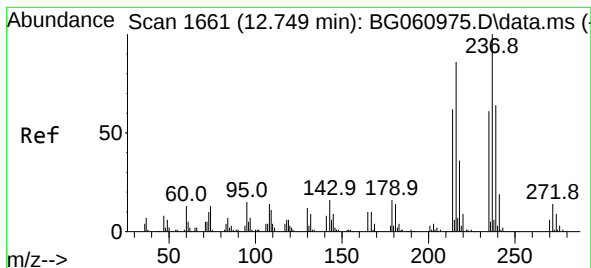


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.787 ng
RT: 12.758 min Scan# 1663
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:216 Resp: 111930
Ion Ratio Lower Upper
216 100
214 77.3 63.3 94.9
179 18.5 15.2 22.8
108 15.6 11.1 16.7





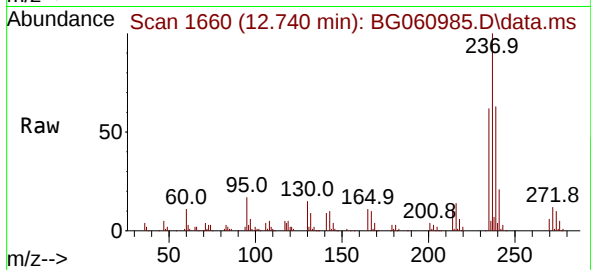
#41
Hexachlorocyclopentadiene
Concen: 98.963 ng
RT: 12.740 min Scan# 1661
Delta R.T. -0.009 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



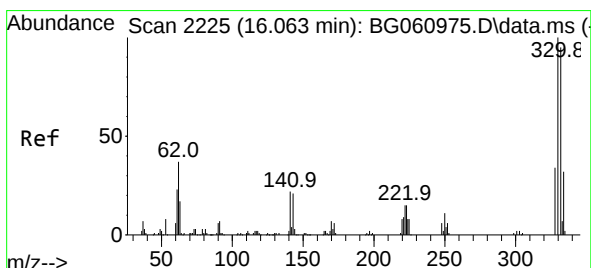
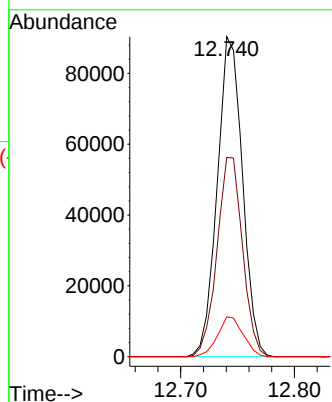
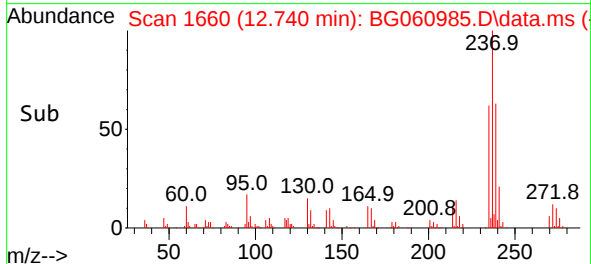
Tgt Ion:237 Resp: 139300
Ion Ratio Lower Upper
237 100
235 62.3 40.7 80.7
272 12.5 0.0 34.5

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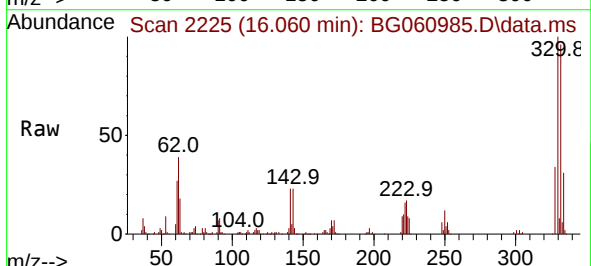
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Reviewed By :Yogesh Patel 04/24/2024

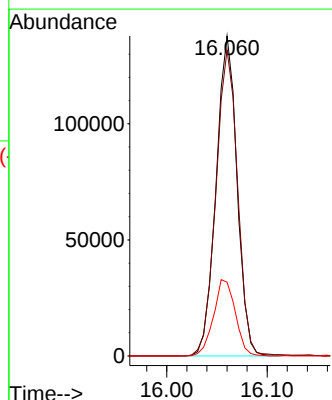
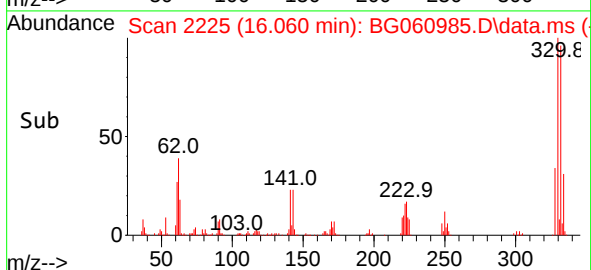
Supervised By :mohammad ahmed 04/24/2024

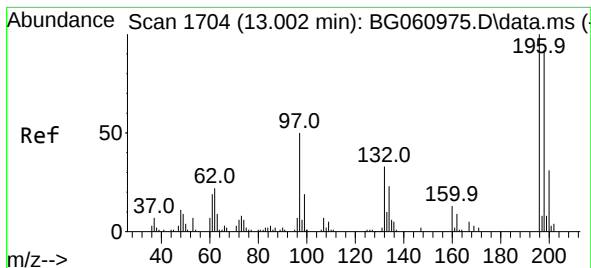


#42
2,4,6-Tribromophenol
Concen: 135.055 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:330 Resp: 199648
Ion Ratio Lower Upper
330 100
332 98.8 77.1 115.7
141 24.8 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 47.464 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

Tgt Ion:196 Resp: 7464

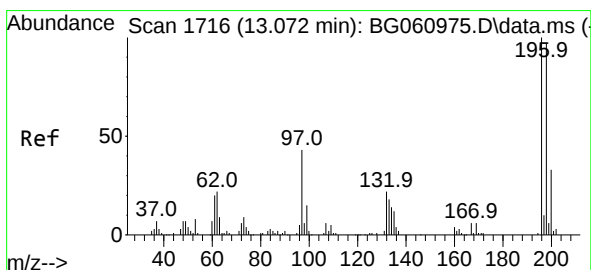
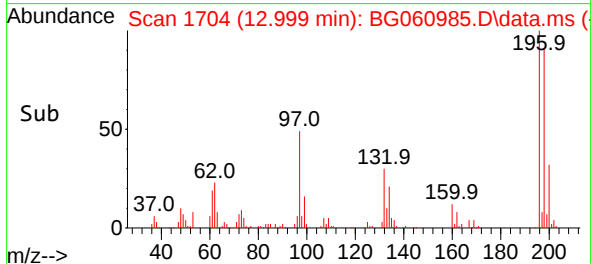
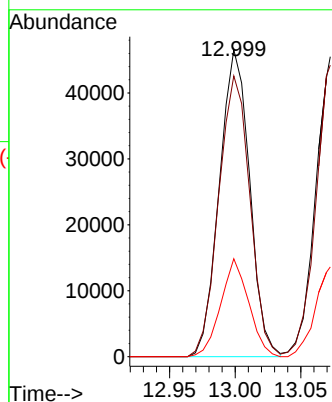
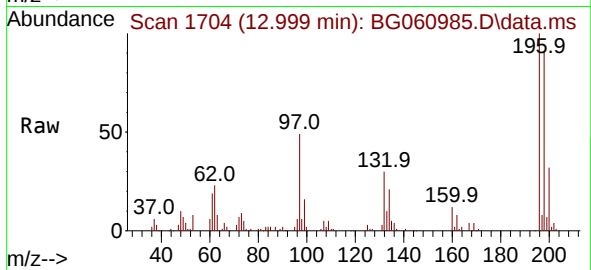
Ion	Ratio	Lower	Upper
196	100		
198	91.5	73.5	110.3
200	31.9	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#44

2,4,5-Trichlorophenol

Concen: 43.195 ng

RT: 13.075 min Scan# 1717

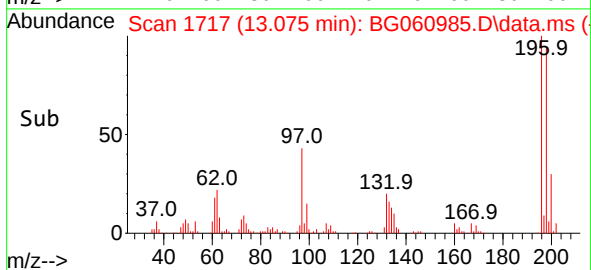
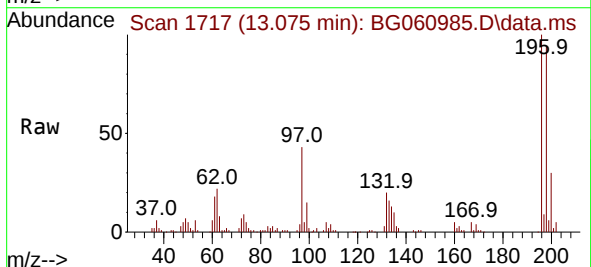
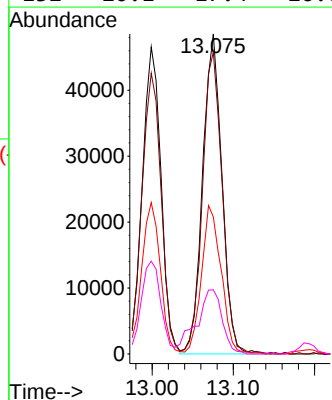
Delta R.T. 0.003 min

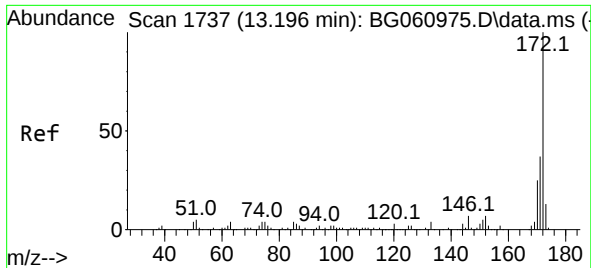
Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:196 Resp: 80353

Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.7	116.5
97	42.9	34.2	51.4
132	20.1	17.4	26.0





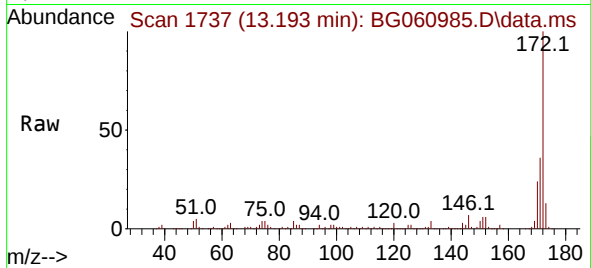
#45
2-Fluorobiphenyl
Concen: 87.159 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



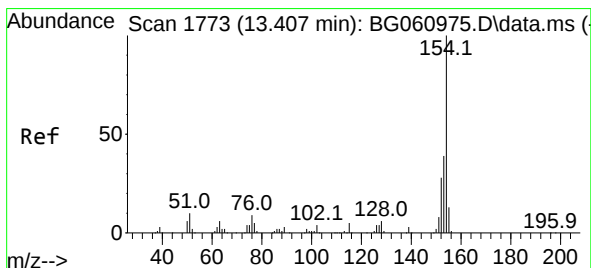
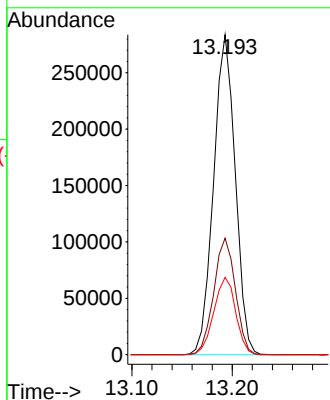
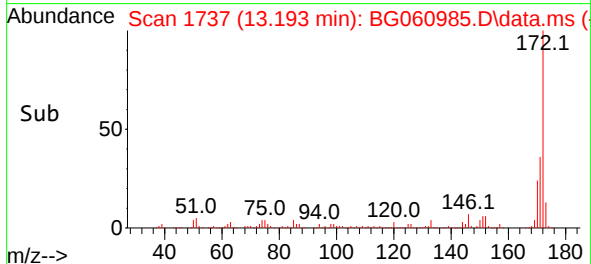
Tgt Ion:172 Resp: 423940
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.2 20.1 30.1

Manual Integrations

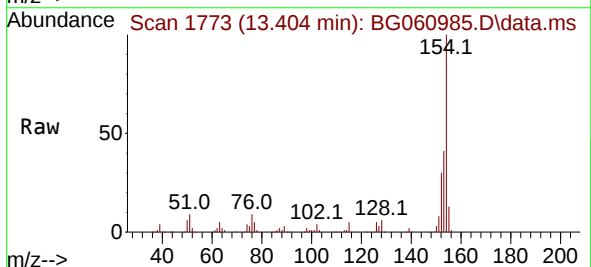
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

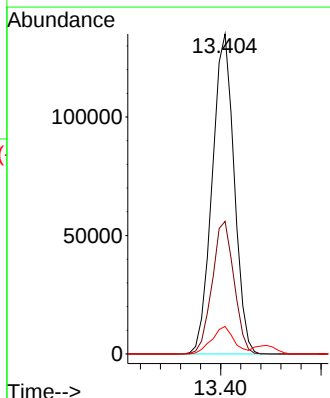
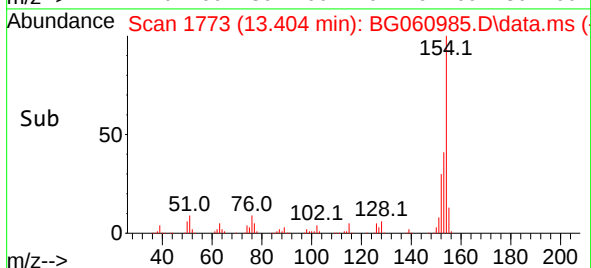
Supervised By :mohammad ahmed 04/24/2024

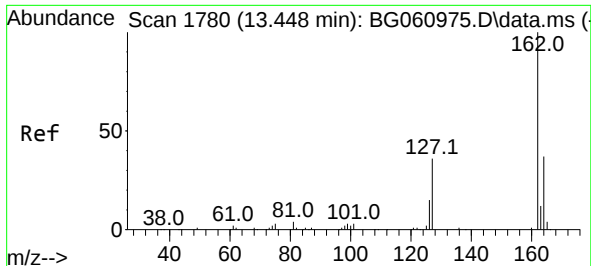


#46
1,1'-Biphenyl
Concen: 45.138 ng
RT: 13.404 min Scan# 1773
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:154 Resp: 204680
Ion Ratio Lower Upper
154 100
153 41.5 19.4 59.4
76 8.6 0.0 28.6





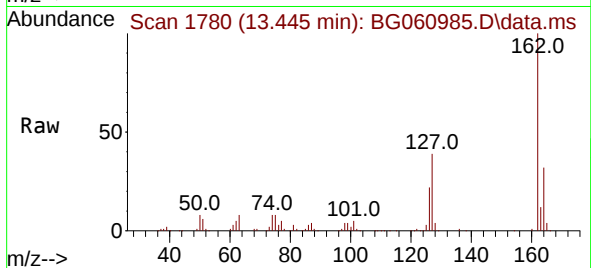
#47
2-Chloronaphthalene
Concen: 46.392 ng
RT: 13.445 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



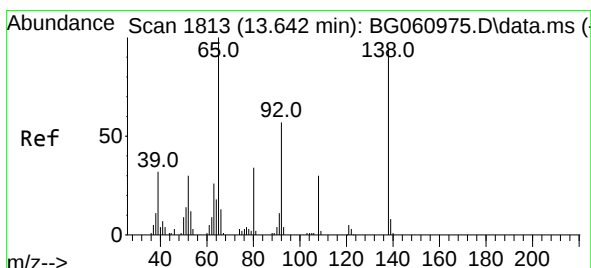
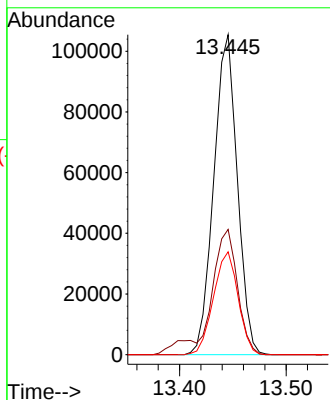
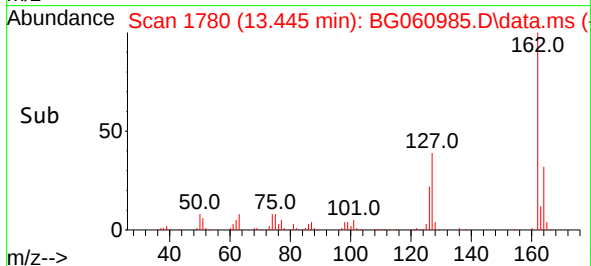
Tgt Ion:162 Resp: 161290
Ion Ratio Lower Upper
162 100
127 39.1 32.6 49.0
164 32.2 29.9 44.9

Manual Integrations

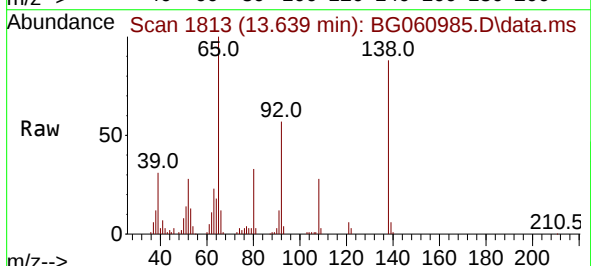
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

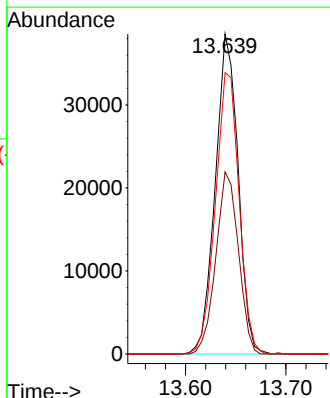
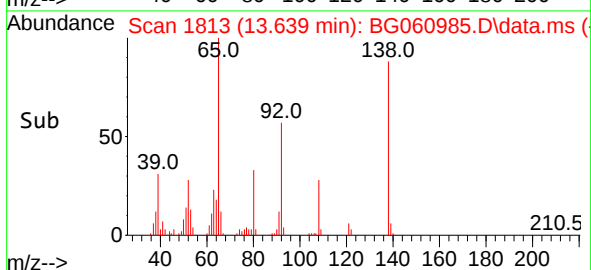
Supervised By :mohammad ahmed 04/24/2024

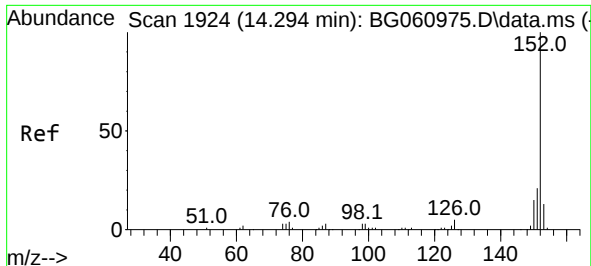


#48
2-Nitroaniline
Concen: 43.294 ng
RT: 13.639 min Scan# 1813
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion: 65 Resp: 60749
Ion Ratio Lower Upper
65 100
92 56.9 45.4 68.2
138 87.9 75.8 113.6





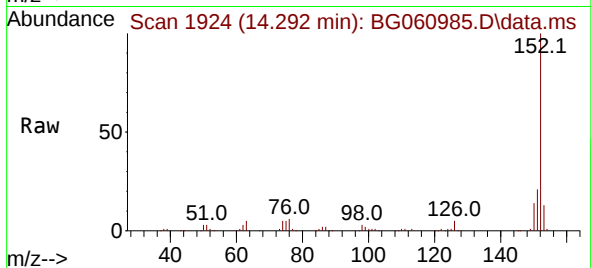
#49
Acenaphthylene
Concen: 46.794 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



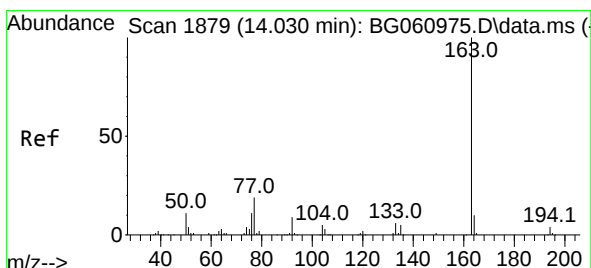
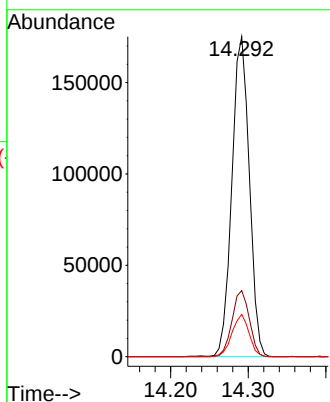
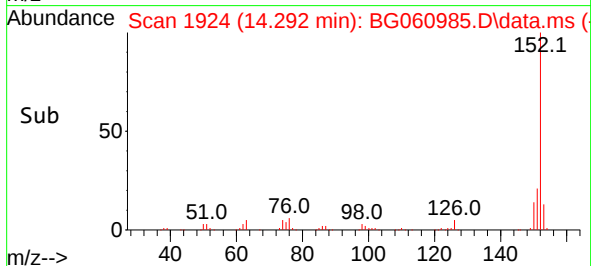
Tgt Ion:152 Resp: 27400
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.3 10.7 16.1

Manual Integrations

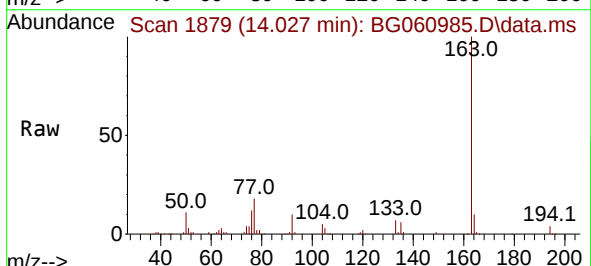
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

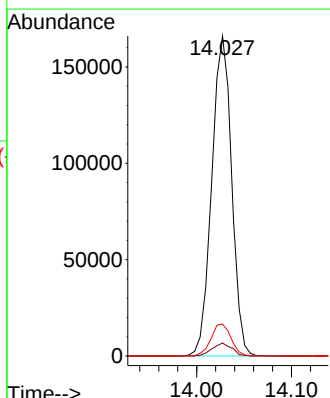
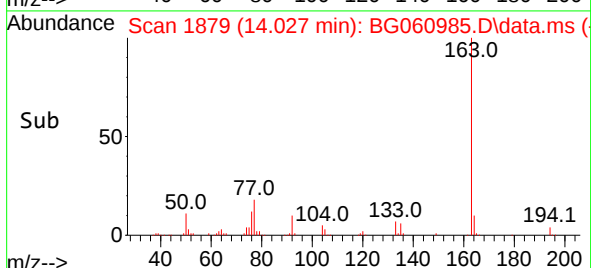
Supervised By :mohammad ahmed 04/24/2024

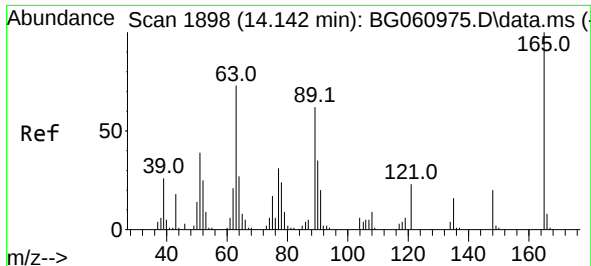


#50
Dimethylphthalate
Concen: 43.616 ng
RT: 14.027 min Scan# 1879
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:163 Resp: 242122
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 8.4 12.6





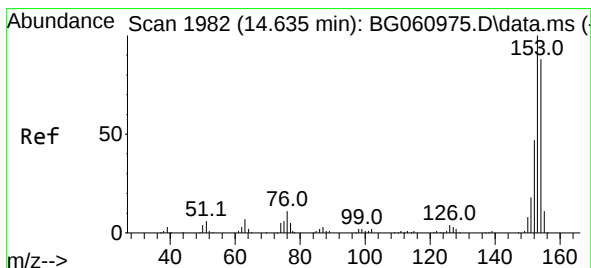
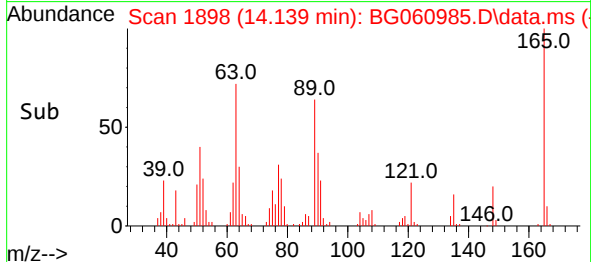
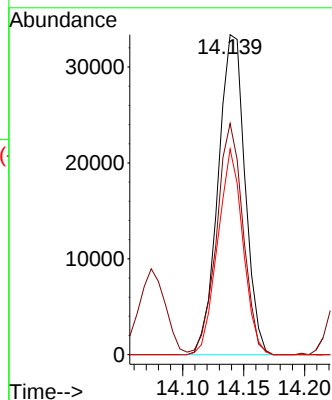
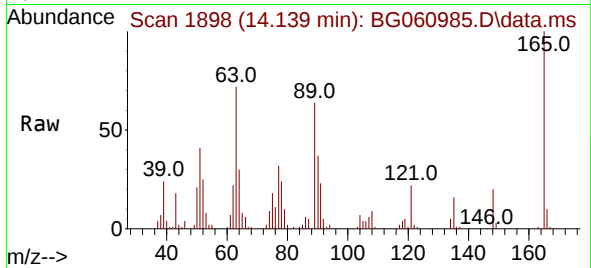
#51
2,6-Dinitrotoluene
Concen: 44.318 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :
BNA_G
ClientSampleId :
PB160360BSD

Tgt Ion:165 Resp: 5133
Ion Ratio Lower Upper
165 100
63 72.3 59.6 89.4
89 64.2 49.4 74.0

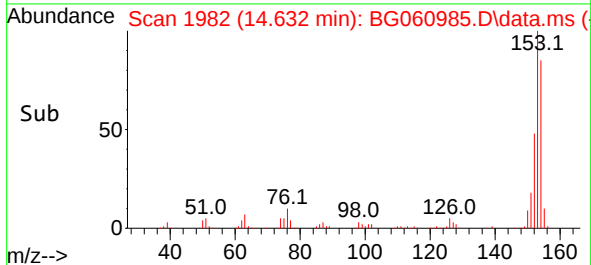
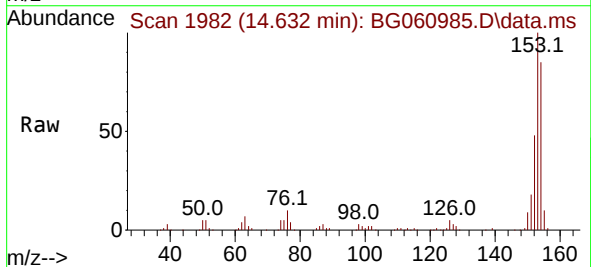
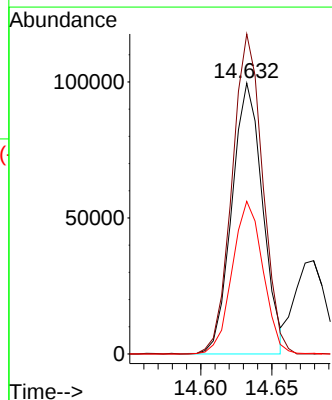
Manual Integrations
APPROVED

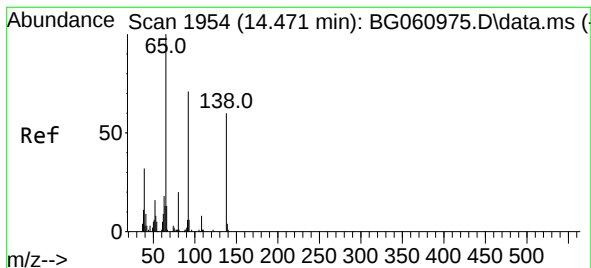
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#52
Acenaphthene
Concen: 42.137 ng
RT: 14.632 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:154 Resp: 149921
Ion Ratio Lower Upper
154 100
153 118.2 91.2 136.8
152 56.4 42.7 64.1





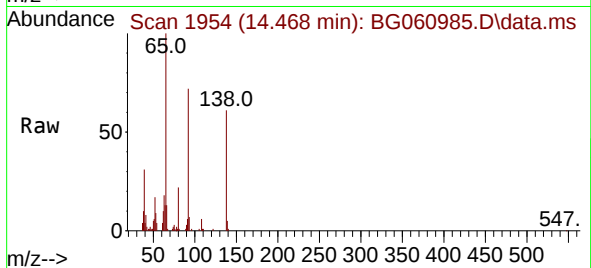
#53
3-Nitroaniline
Concen: 26.909 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



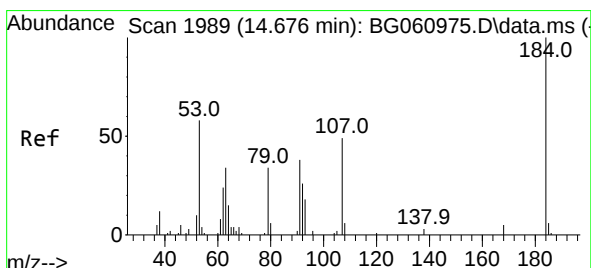
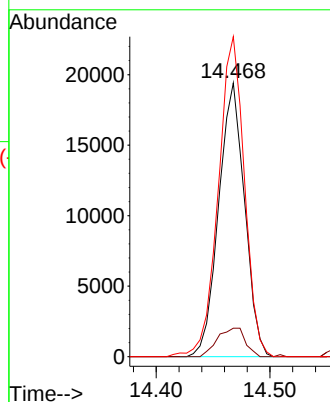
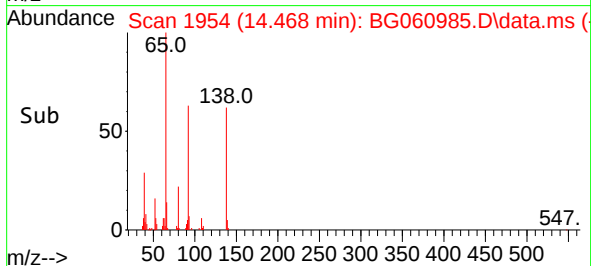
Tgt Ion:138 Resp: 3073
Ion Ratio Lower Upper
138 100
108 10.4 10.1 15.1
92 116.9 94.6 141.8

Manual Integrations

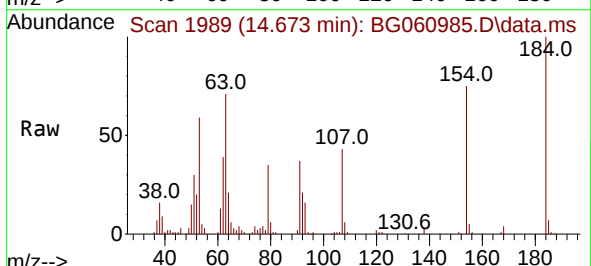
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

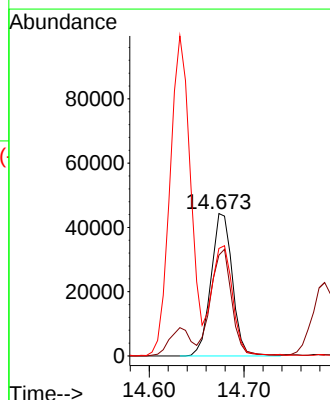
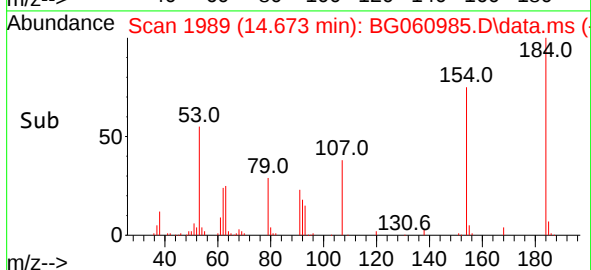
Supervised By :mohammad ahmed 04/24/2024

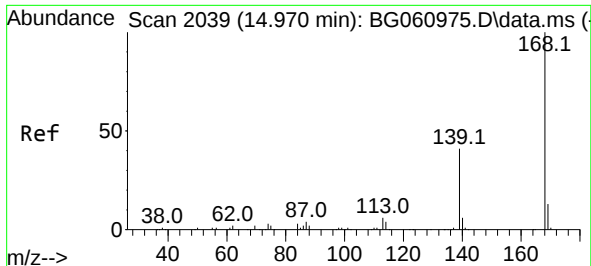


#54
2,4-Dinitrophenol
Concen: 91.122 ng
RT: 14.673 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:184 Resp: 69389
Ion Ratio Lower Upper
184 100
63 70.8 59.0 88.6
154 75.5 61.2 91.8





#55
Dibenzofuran
Concen: 44.036 ng
RT: 14.967 min Scan# 2039
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

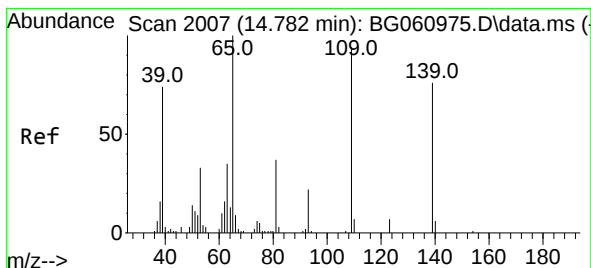
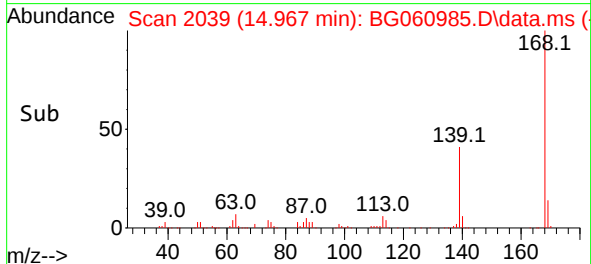
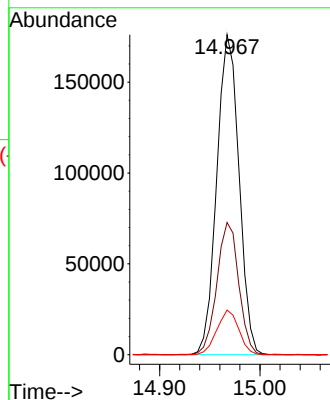
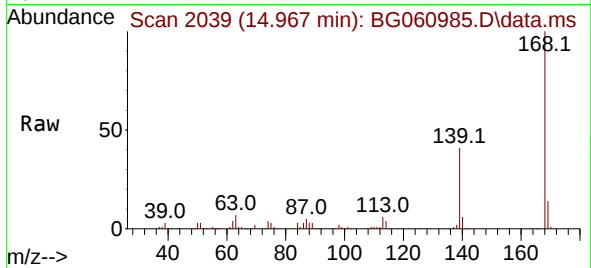
PB160360BSD

Tgt Ion:168 Resp: 270554
Ion Ratio Lower Upper
168 100
139 41.3 32.4 48.6
169 14.0 10.6 15.8

Manual Integrations

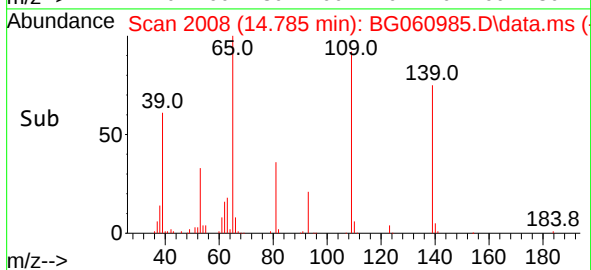
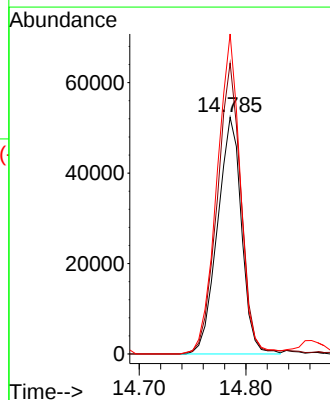
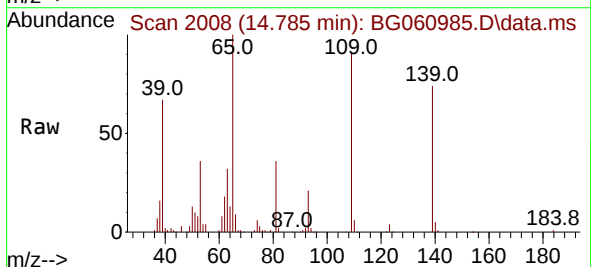
APPROVED

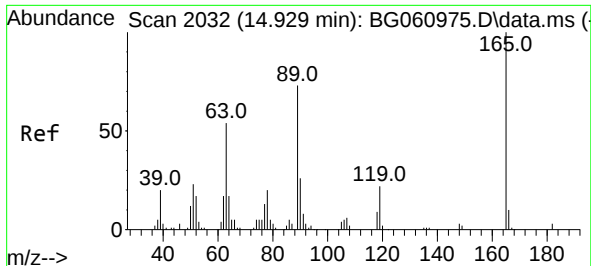
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#56
4-Nitrophenol
Concen: 100.075 ng
RT: 14.785 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:139 Resp: 81886
Ion Ratio Lower Upper
139 100
109 122.9 104.1 144.1
65 135.2 112.0 152.0





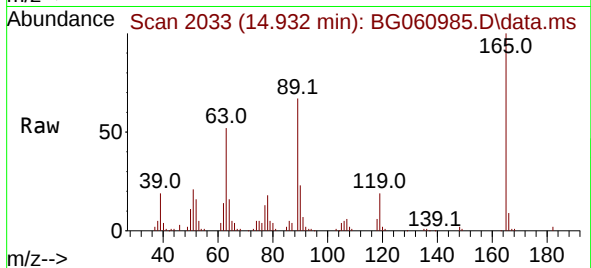
#57
2,4-Dinitrotoluene
Concen: 45.461 ng
RT: 14.932 min Scan# 2032
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

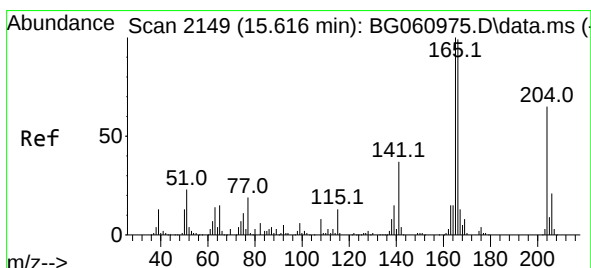
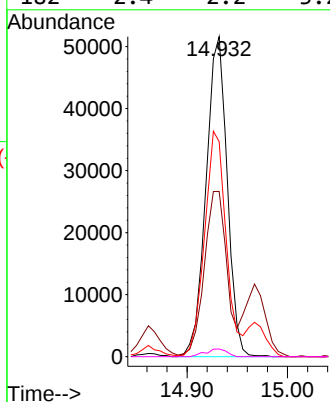
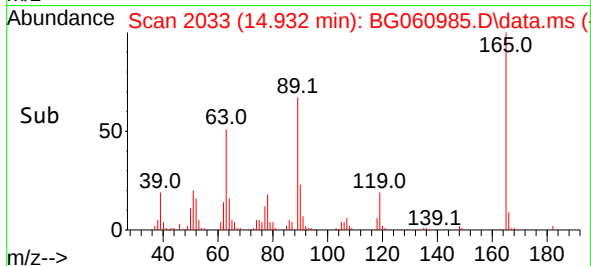


Tgt Ion:165 Resp: 75839
Ion Ratio Lower Upper
165 100
63 51.7 43.4 65.2
89 67.2 58.4 87.6
182 2.4 2.2 3.2

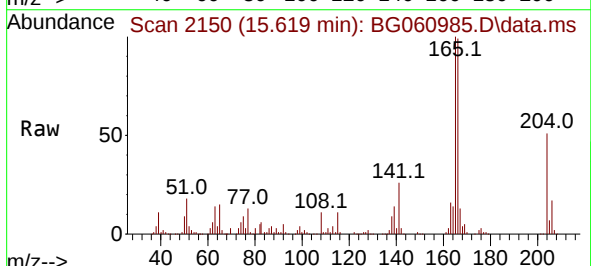
Manual Integrations

APPROVED

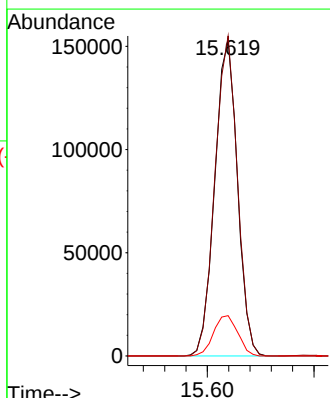
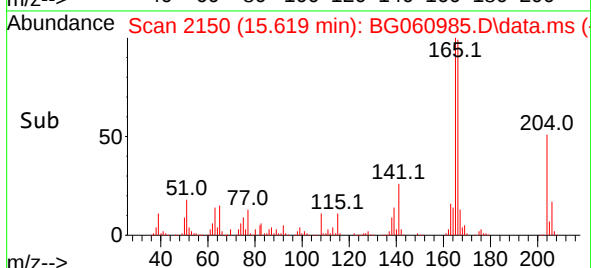
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

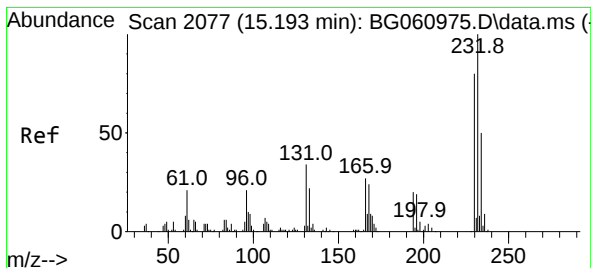


#58
Fluorene
Concen: 43.453 ng
RT: 15.619 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:166 Resp: 225335
Ion Ratio Lower Upper
166 100
165 101.5 80.9 121.3
167 12.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.785 ng
RT: 15.196 min Scan# 2077
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

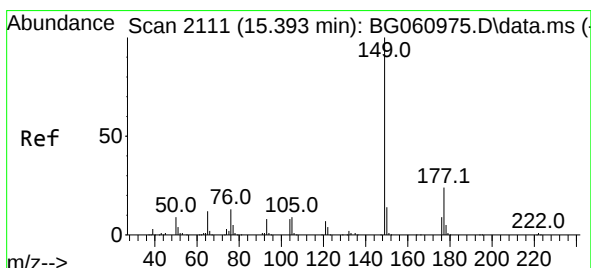
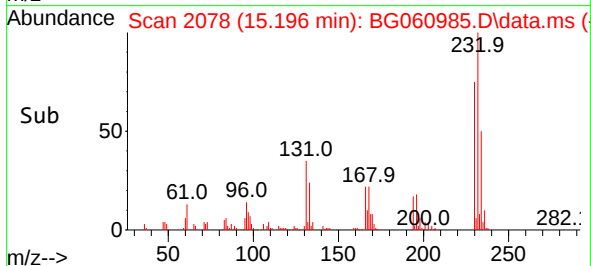
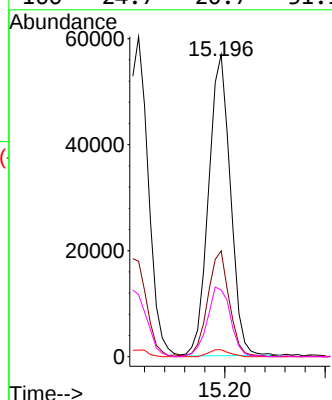
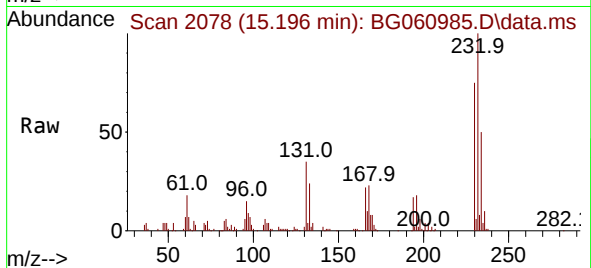
PB160360BSD

Tgt Ion:232 Resp: 8596
Ion Ratio Lower Upper
232 100
131 34.6 27.4 41.0
130 2.2 1.5 2.3
166 24.7 20.7 31.1

Manual Integrations

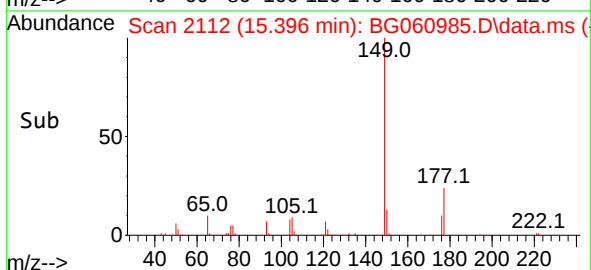
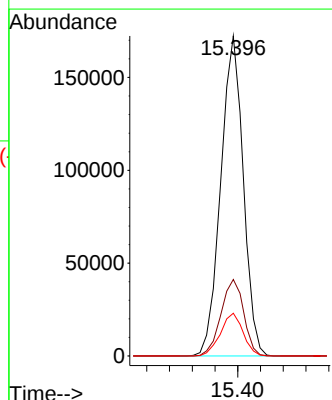
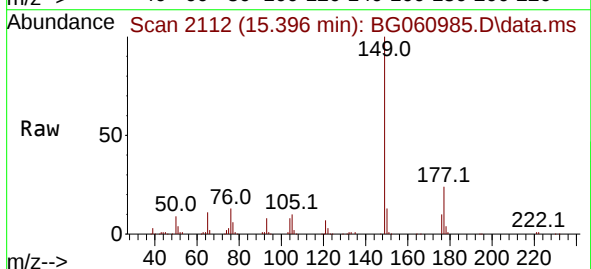
APPROVED

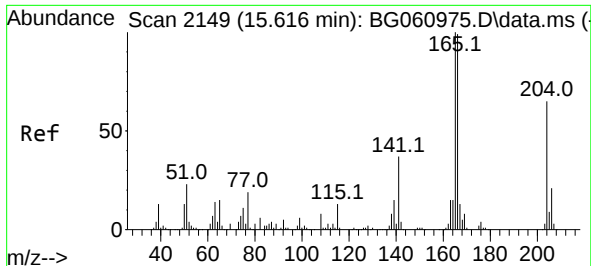
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#60
Diethylphthalate
Concen: 43.366 ng
RT: 15.396 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

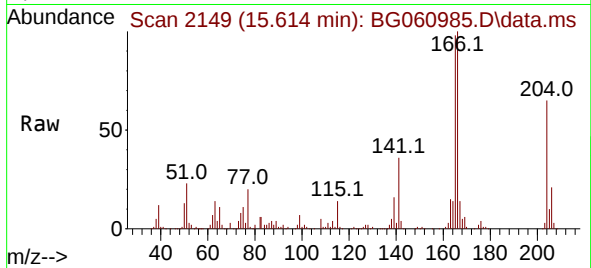
Tgt Ion:149 Resp: 237074
Ion Ratio Lower Upper
149 100
177 23.9 18.8 28.2
150 13.3 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 42.062 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

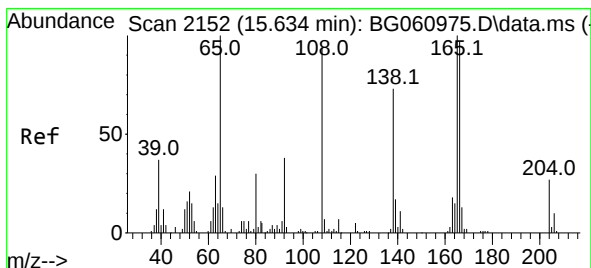
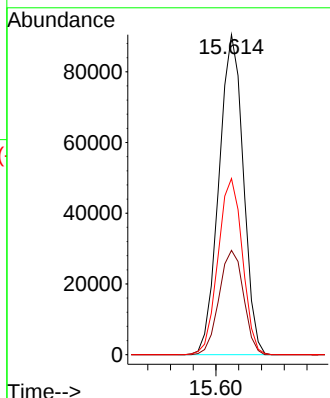
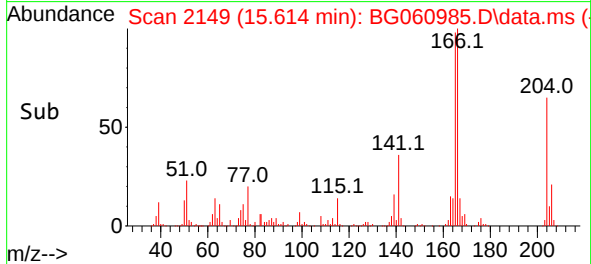
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



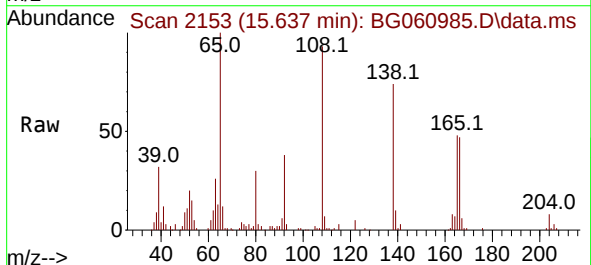
Tgt Ion:204 Resp: 13452
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 55.1 45.4 68.0

Manual Integrations
APPROVED

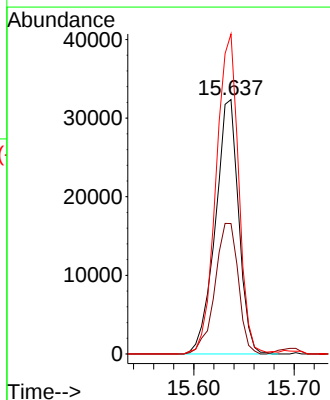
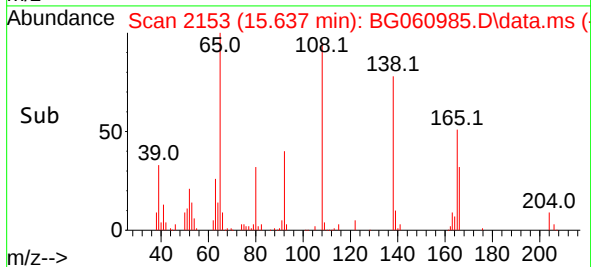
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

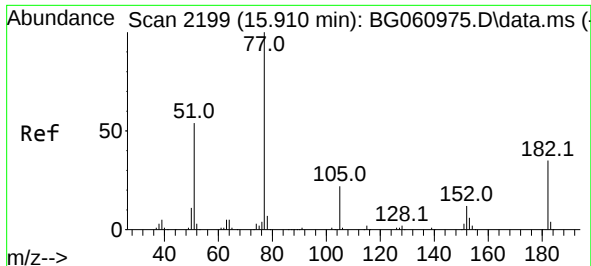


#62
4-Nitroaniline
Concen: 42.349 ng
RT: 15.637 min Scan# 2153
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:138 Resp: 52154
Ion Ratio Lower Upper
138 100
92 51.2 32.2 72.2
108 125.8 109.0 149.0





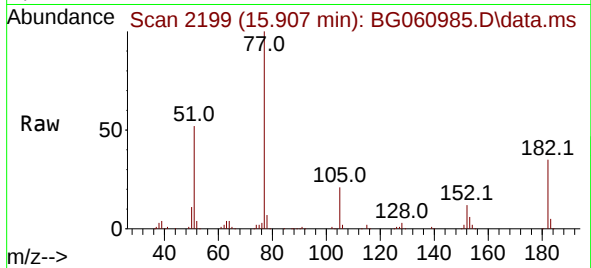
#63
Azobenzene
Concen: 43.622 ng
RT: 15.907 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



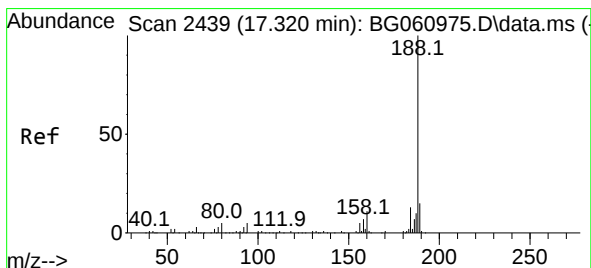
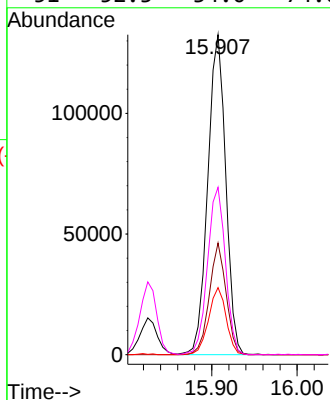
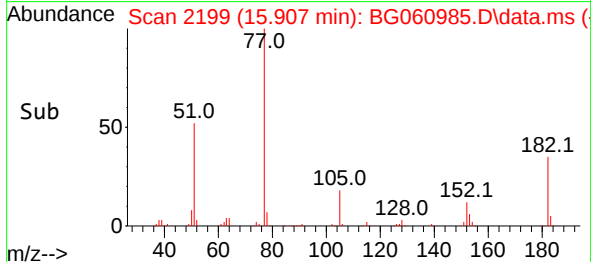
Tgt Ion: 77 Resp: 19397
Ion Ratio Lower Upper
77 100
182 34.9 14.5 54.5
105 21.0 1.9 41.9
51 52.3 34.0 74.0

Manual Integrations

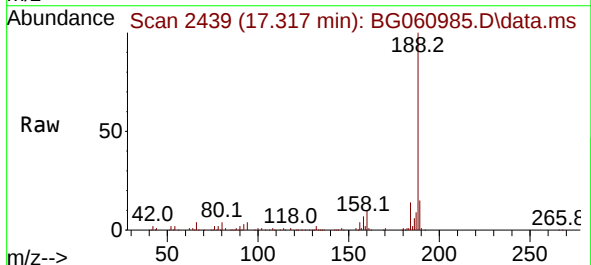
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

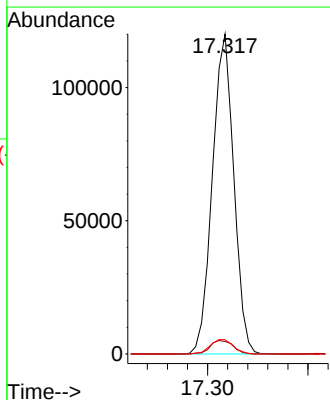
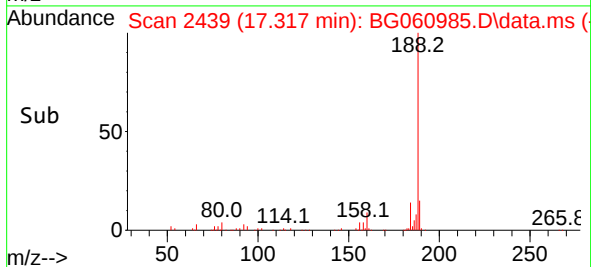
Supervised By :mohammad ahmed 04/24/2024

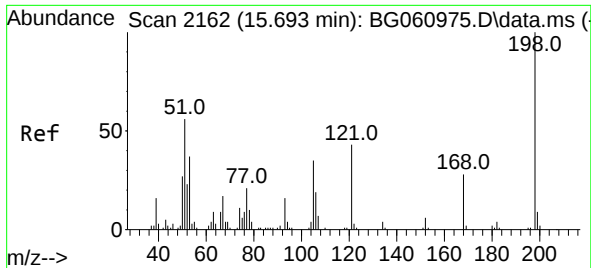


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.317 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:188 Resp: 177596
Ion Ratio Lower Upper
188 100
94 3.9 4.1 6.1#
80 4.5 4.0 6.0





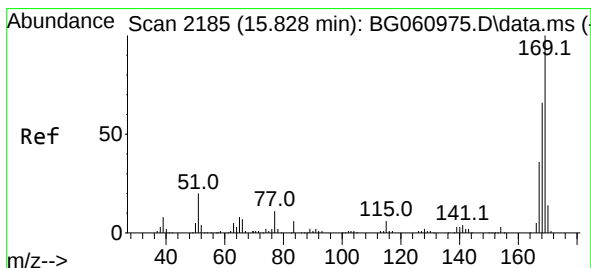
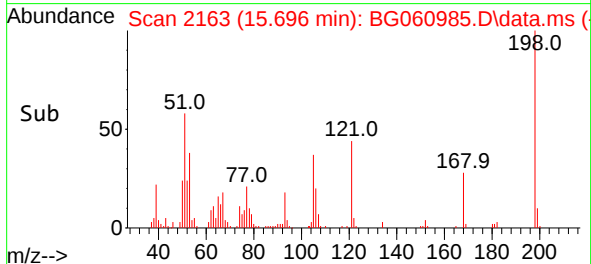
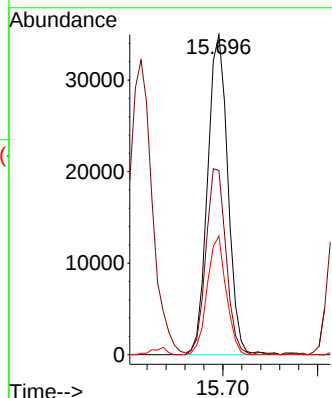
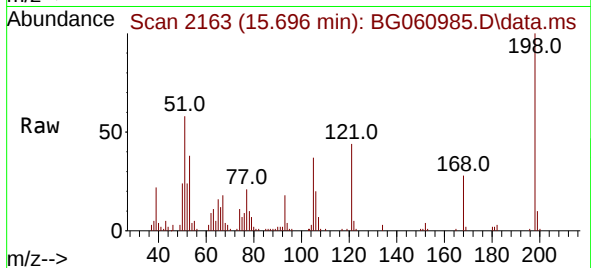
#65
4,6-Dinitro-2-methylphenol
Concen: 47.178 ng
RT: 15.696 min Scan# 2162
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :
BNA_G
ClientSampleId :
PB160360BSD

Tgt Ion:198 Resp: 51735
Ion Ratio Lower Upper
198 100
51 57.6 38.6 78.6
105 37.1 14.5 54.5

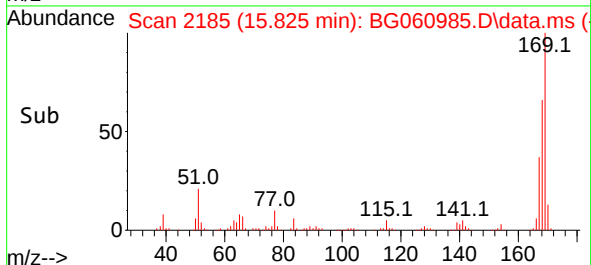
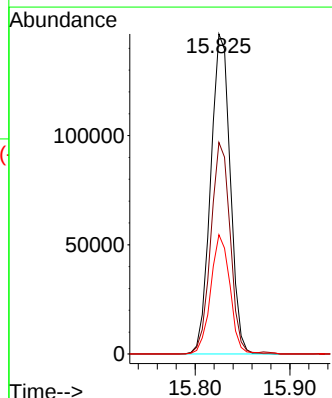
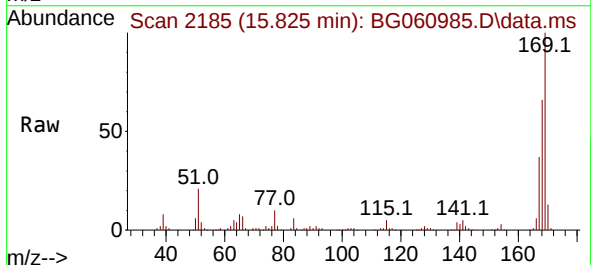
Manual Integrations
APPROVED

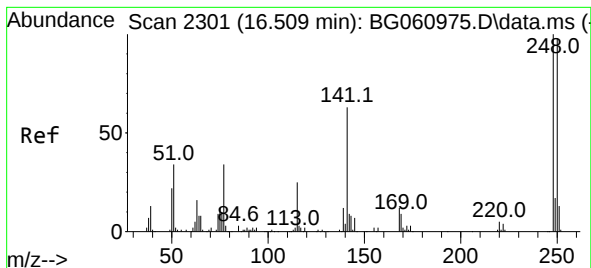
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#66
n-Nitrosodiphenylamine
Concen: 42.852 ng
RT: 15.825 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:169 Resp: 209667
Ion Ratio Lower Upper
169 100
168 66.1 52.5 78.7
167 37.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.620 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

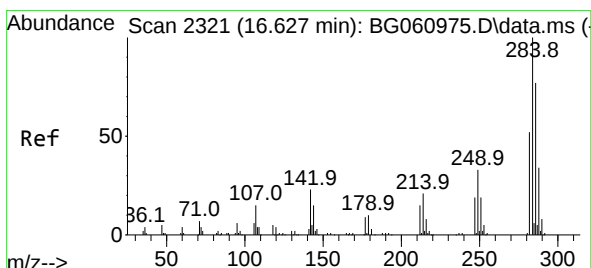
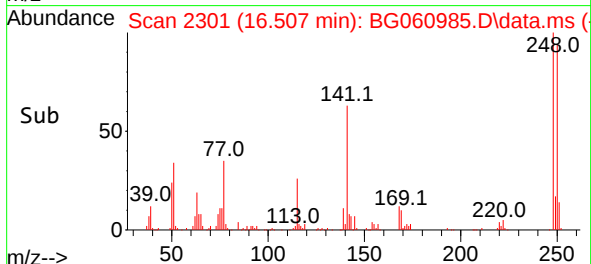
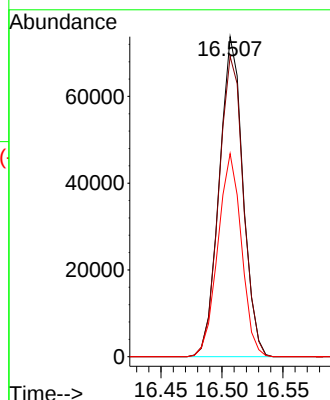
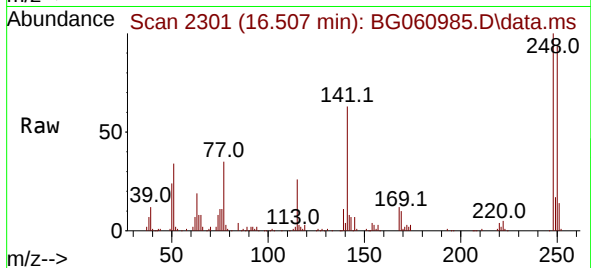
PB160360BSD

Tgt Ion:248 Resp: 9989
Ion Ratio Lower Upper
248 100
250 93.9 78.7 118.1
141 63.4 50.4 75.6

Manual Integrations

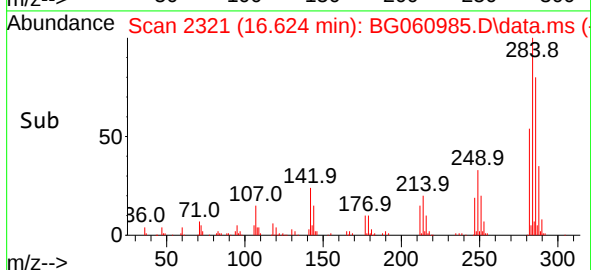
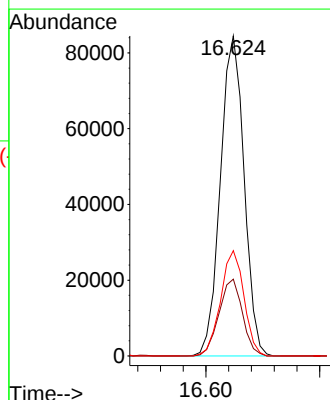
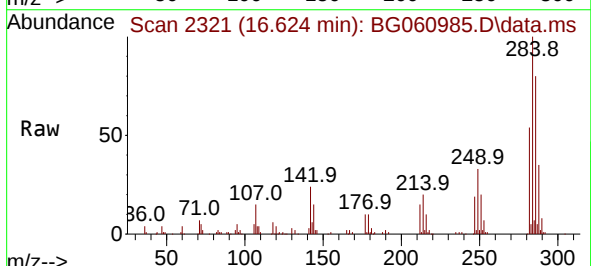
APPROVED

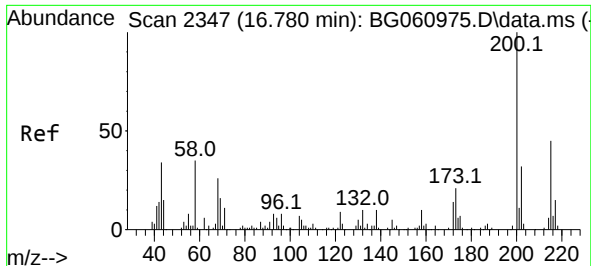
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#68
Hexachlorobenzene
Concen: 47.217 ng
RT: 16.624 min Scan# 2321
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:284 Resp: 122241
Ion Ratio Lower Upper
284 100
142 24.0 18.7 28.1
249 32.9 26.4 39.6





#69
 Atrazine
 Concen: 51.353 ng
 RT: 16.777 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060985.D
 Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

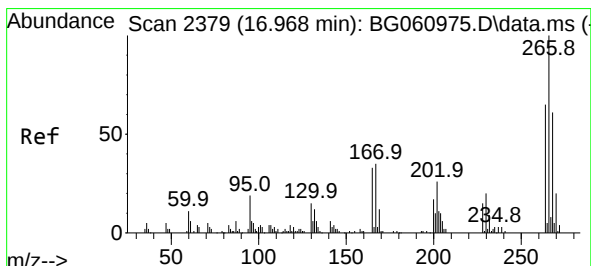
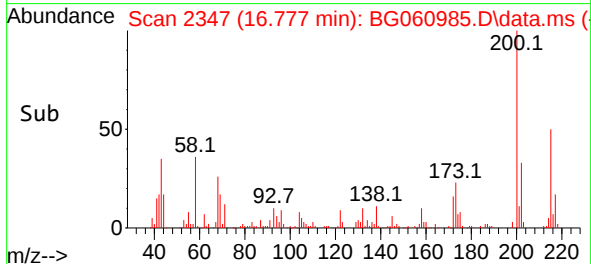
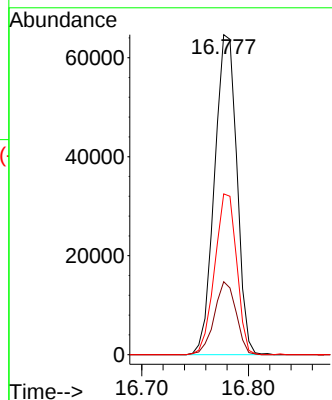
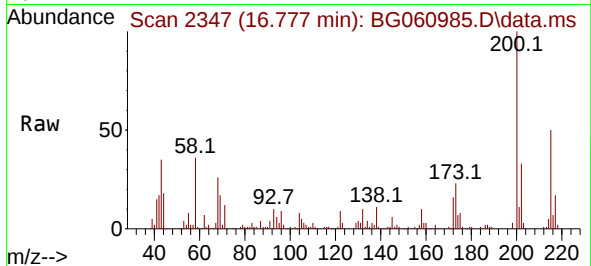
PB160360BSD

Tgt Ion:200 Resp: 94039
 Ion Ratio Lower Upper
 200 100
 173 22.8 1.4 41.4
 215 50.3 25.3 65.3

Manual Integrations

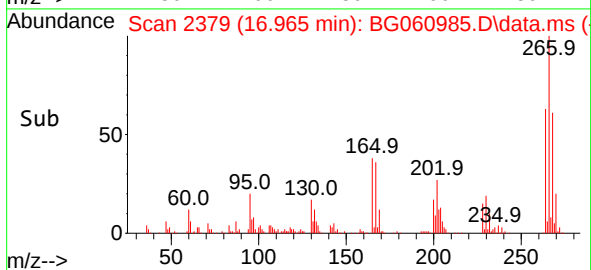
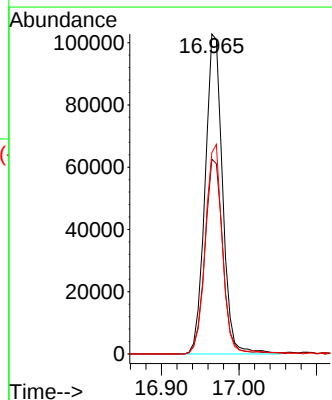
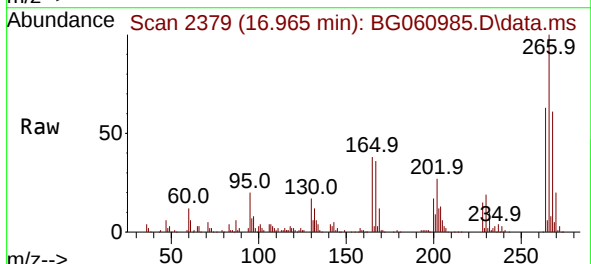
APPROVED

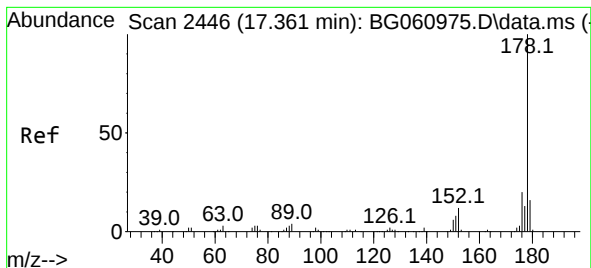
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#70
 Pentachlorophenol
 Concen: 94.359 ng
 RT: 16.965 min Scan# 2379
 Delta R.T. -0.003 min
 Lab File: BG060985.D
 Acq: 21 Apr 2024 3:12

Tgt Ion:266 Resp: 160187
 Ion Ratio Lower Upper
 266 100
 268 60.9 49.1 73.7
 264 62.9 52.2 78.2





#71

Phenanthrene

Concen: 44.172 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

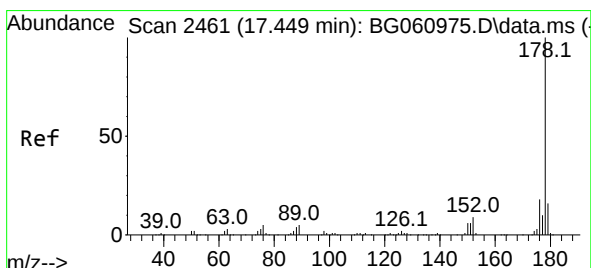
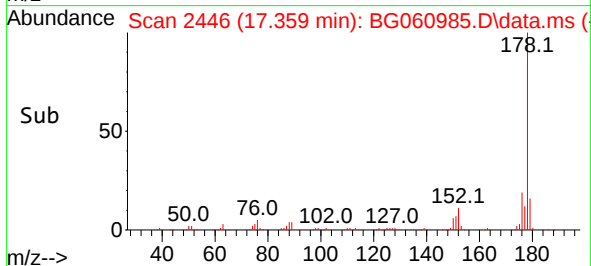
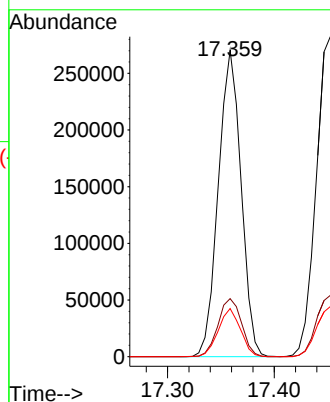
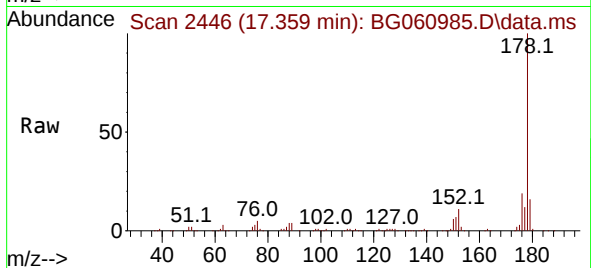
Tgt Ion:178 Resp: 400420
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#72

Anthracene

Concen: 44.002 ng

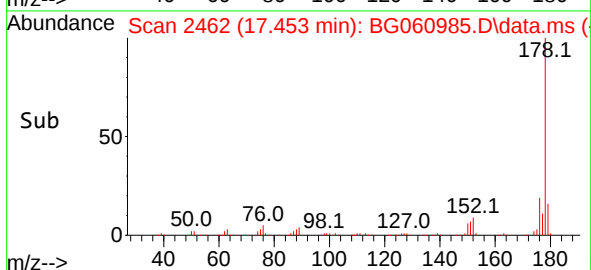
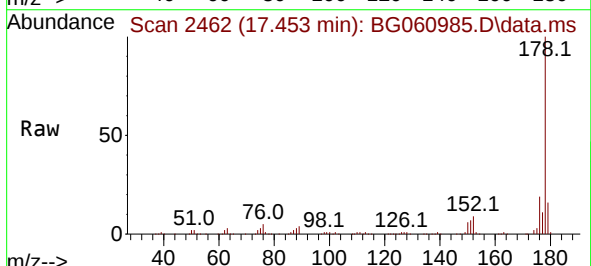
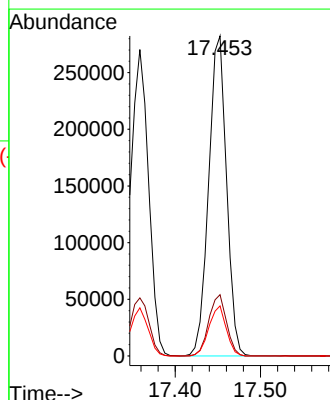
RT: 17.453 min Scan# 2462

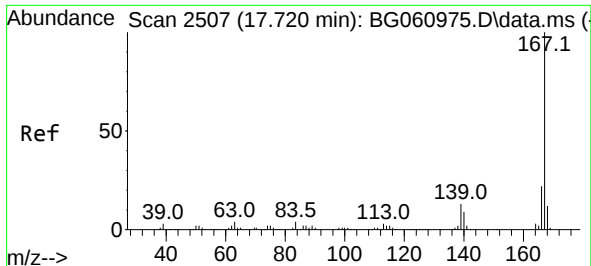
Delta R.T. 0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:178 Resp: 410814
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.7 22.1
 179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 45.847 ng
 RT: 17.717 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060985.D
 Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

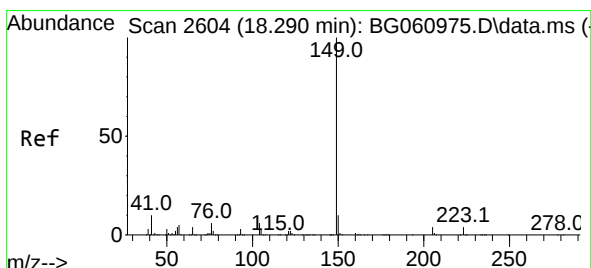
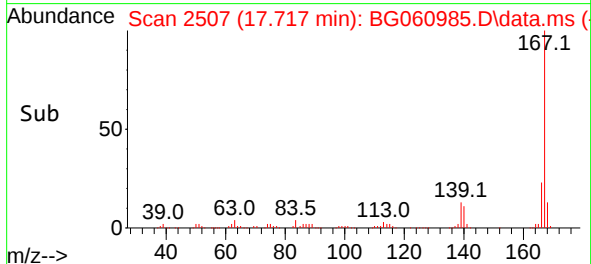
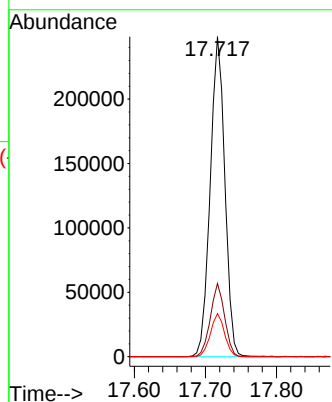
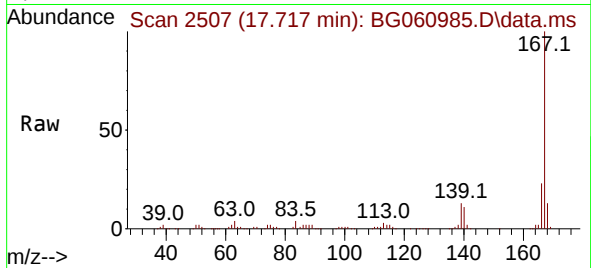
ClientSampleId :

PB160360BSD

Tgt Ion:167 Resp: 35548
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.8 26.8
 139 13.4 10.2 15.2

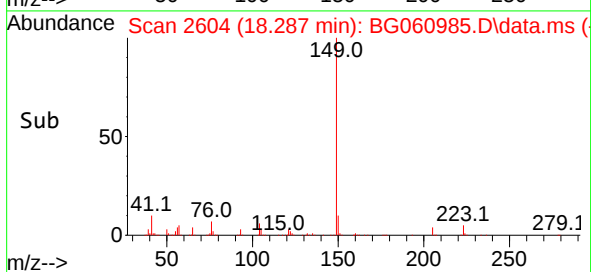
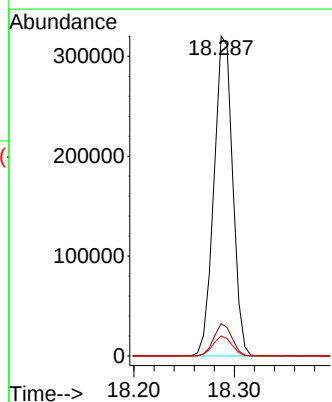
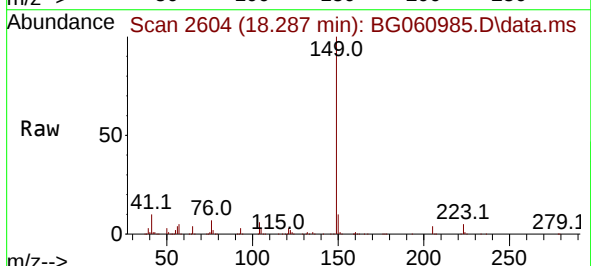
Manual Integrations
 APPROVED

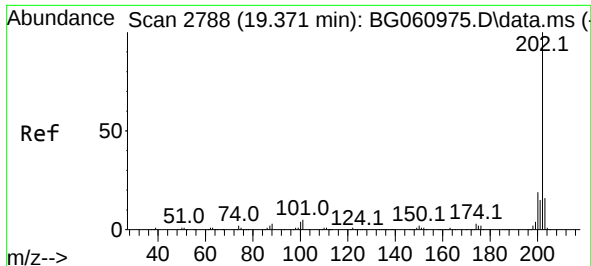
Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024



#74
 Di-n-butylphthalate
 Concen: 43.967 ng
 RT: 18.287 min Scan# 2604
 Delta R.T. -0.003 min
 Lab File: BG060985.D
 Acq: 21 Apr 2024 3:12

Tgt Ion:149 Resp: 413900
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 6.2 5.0 7.6





#75
Fluoranthene
Concen: 44.751 ng
RT: 19.374 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

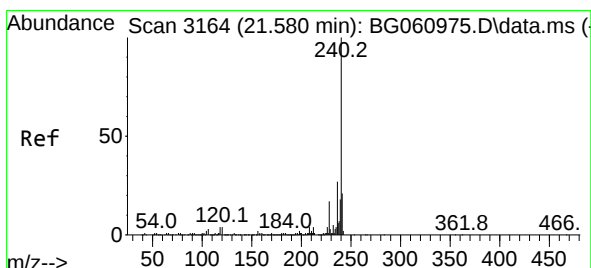
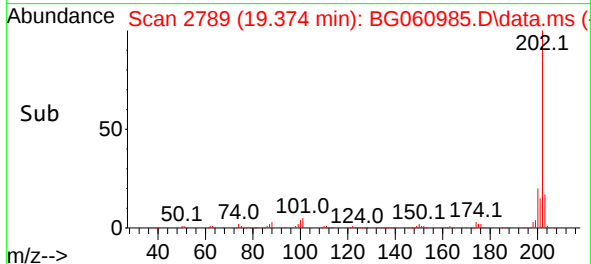
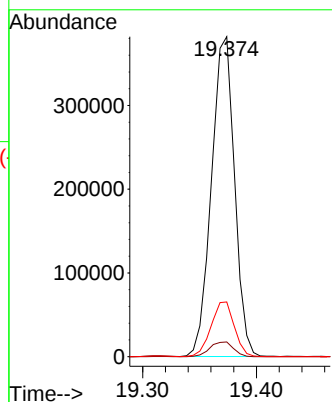
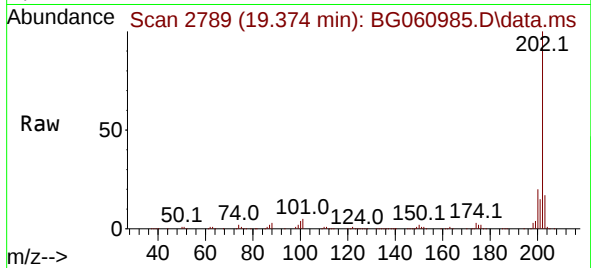
Tgt Ion:202 Resp: 53837
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.9
203 17.1 0.0 36.2

Manual Integrations

APPROVED

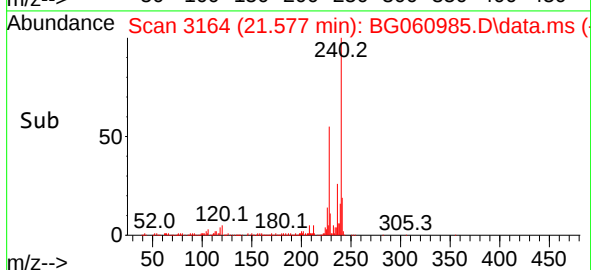
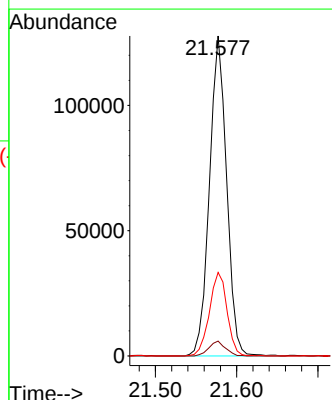
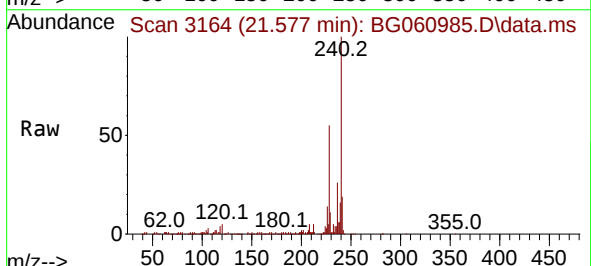
Reviewed By :Yogesh Patel 04/24/2024

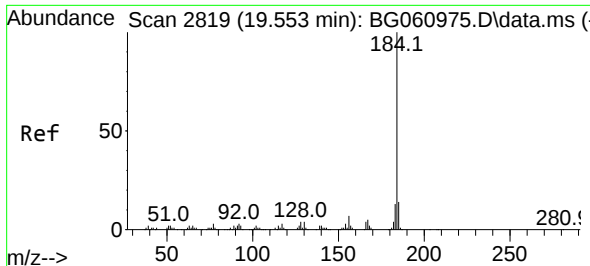
Supervised By :mohammad ahmed 04/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

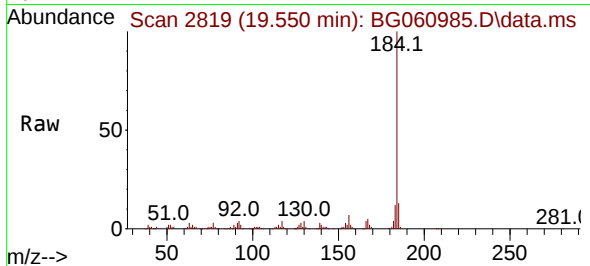
Tgt Ion:240 Resp: 187294
Ion Ratio Lower Upper
240 100
120 4.6 3.0 4.6#
236 26.1 21.8 32.6





#77
Benzidine
Concen: 45.346 ng
RT: 19.550 min Scan# 2819
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

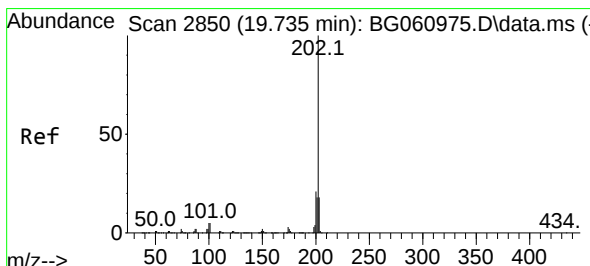
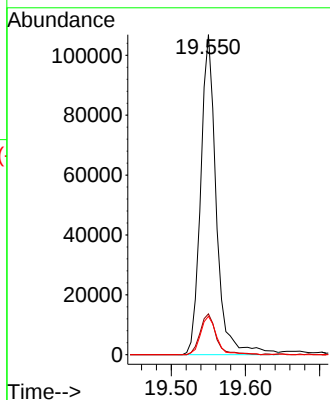
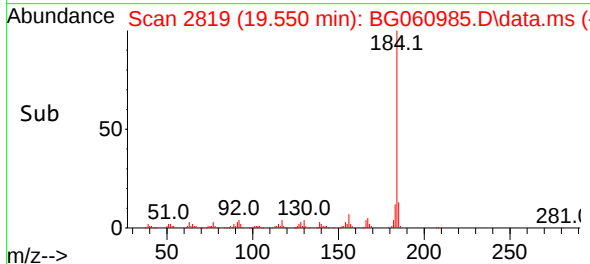
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



Tgt Ion:184 Resp: 15736
Ion Ratio Lower Upper
184 100
185 12.7 11.3 16.9
183 12.0 10.2 15.2

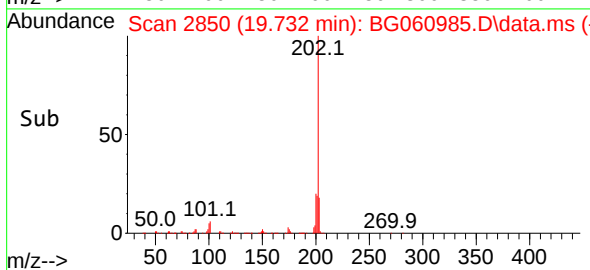
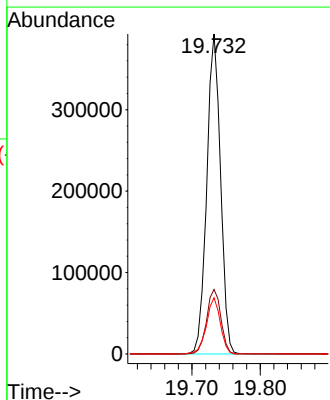
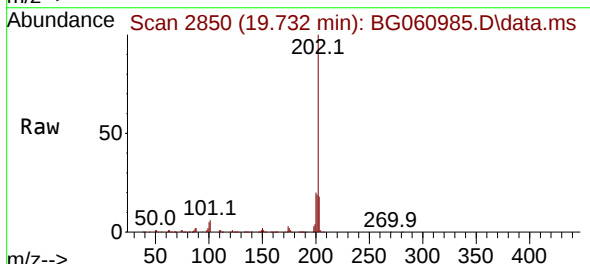
Manual Integrations
APPROVED

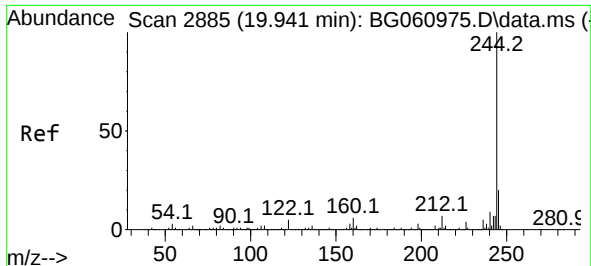
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#78
Pyrene
Concen: 43.212 ng
RT: 19.732 min Scan# 2850
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

Tgt Ion:202 Resp: 551075
Ion Ratio Lower Upper
202 100
200 20.2 16.8 25.2
203 17.6 14.2 21.2





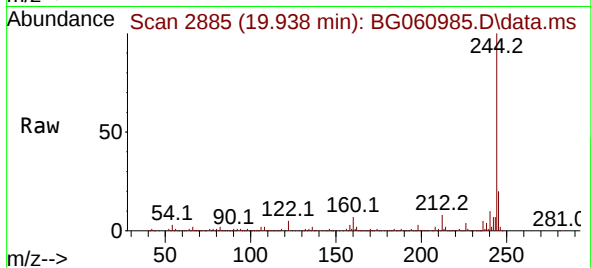
#79
 Terphenyl-d14
 Concen: 84.719 ng
 RT: 19.938 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060985.D
 Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



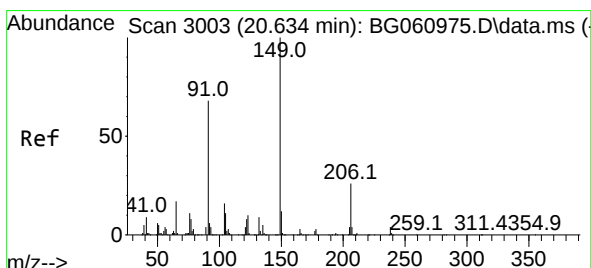
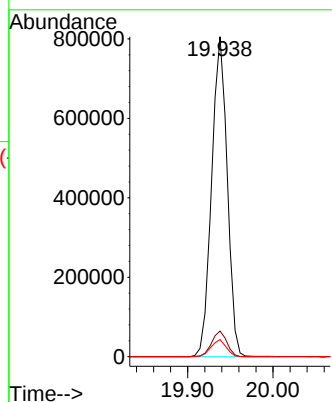
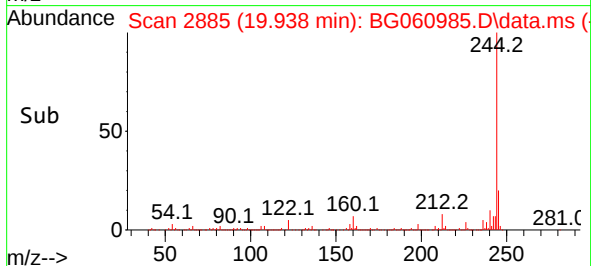
Tgt Ion:244 Resp: 1022224
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 5.4 4.2 6.2

Manual Integrations

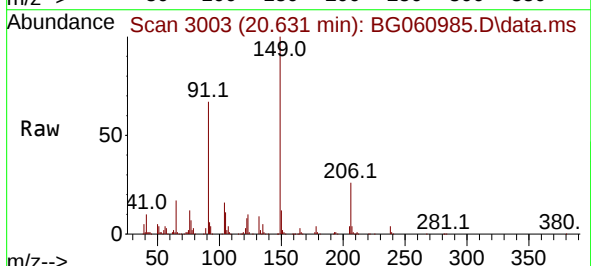
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

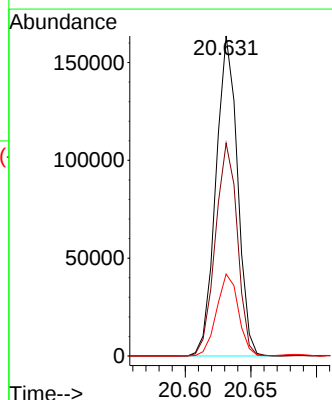
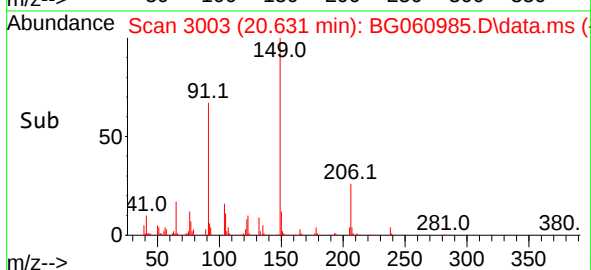
Supervised By :mohammad ahmed 04/24/2024

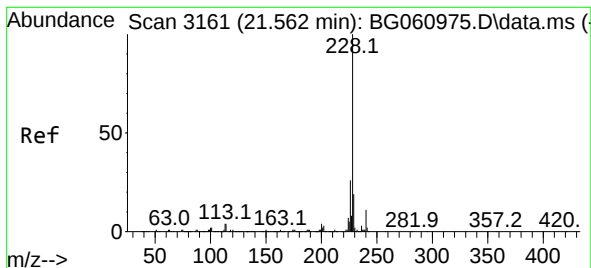


#80
 Butylbenzylphthalate
 Concen: 43.990 ng
 RT: 20.631 min Scan# 3003
 Delta R.T. -0.003 min
 Lab File: BG060985.D
 Acq: 21 Apr 2024 3:12



Tgt Ion:149 Resp: 186982
 Ion Ratio Lower Upper
 149 100
 91 66.5 54.4 81.6
 206 25.6 20.8 31.2





#81

Benzo(a)anthracene

Concen: 45.361 ng

RT: 21.560 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

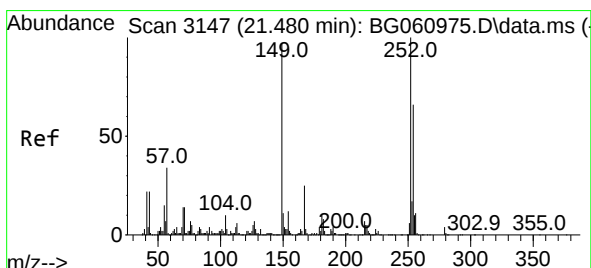
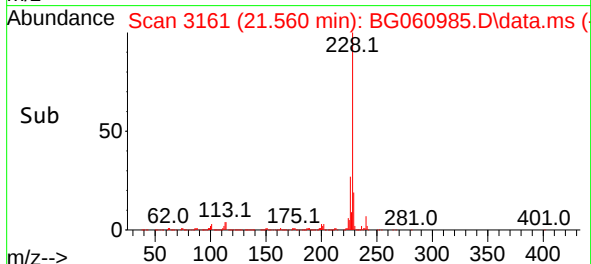
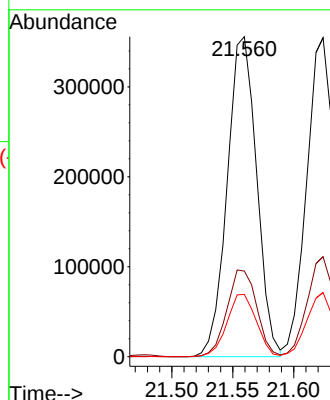
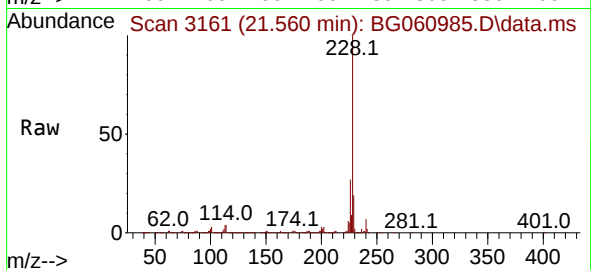
ClientSampleId :

PB160360BSD

Tgt Ion:	228	Resp:	59730
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.0	31.4
229	19.4	15.0	22.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 33.227 ng

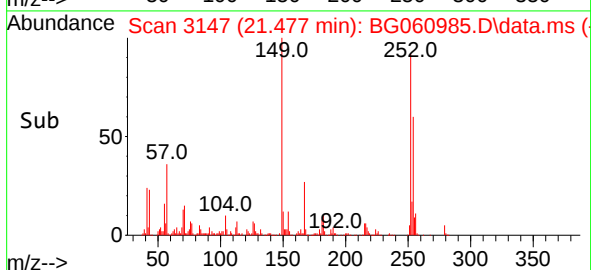
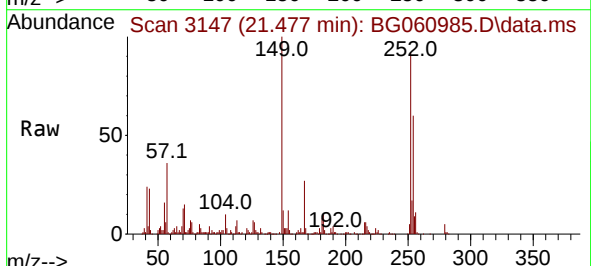
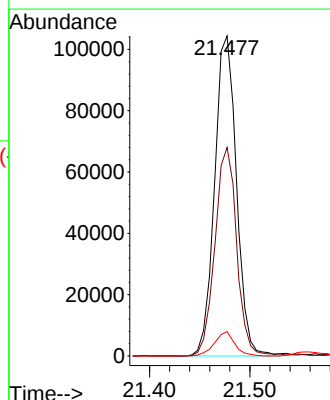
RT: 21.477 min Scan# 3147

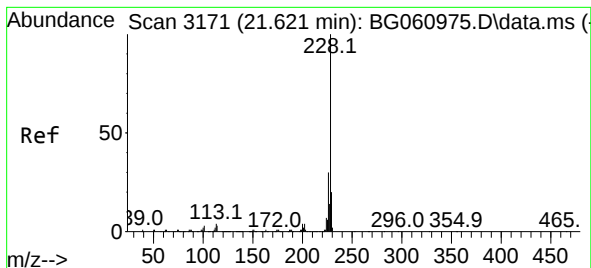
Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:	252	Resp:	158124
Ion Ratio	Lower	Upper	
252	100		
254	65.2	52.7	79.1
126	7.6	4.2	6.2





#83

Chrysene

Concen: 44.516 ng

RT: 21.624 min Scan# 3171

Delta R.T. 0.003 min

Lab File: BG060985.D

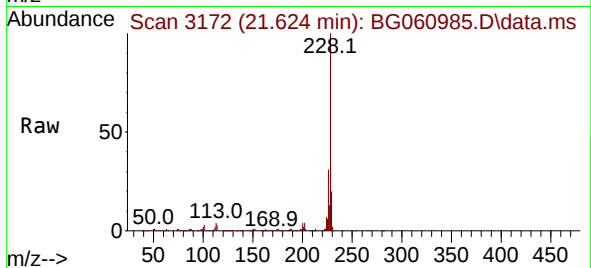
Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD



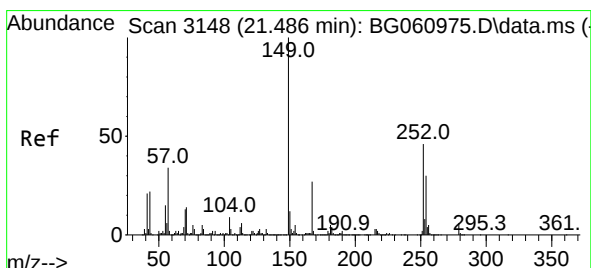
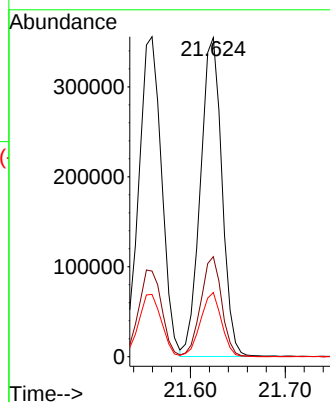
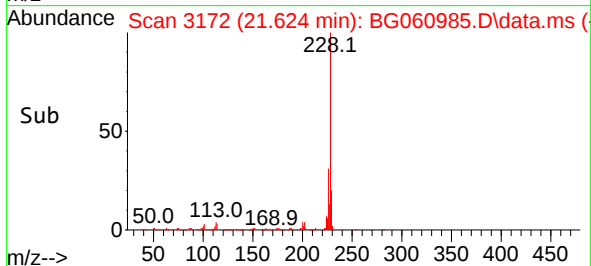
Tgt Ion:	228	Resp:	55809
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.2	36.2
229	20.1	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.110 ng

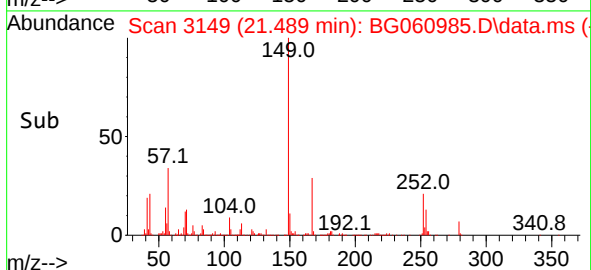
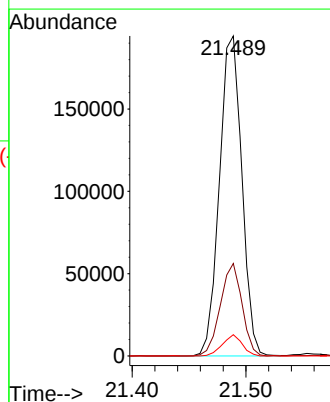
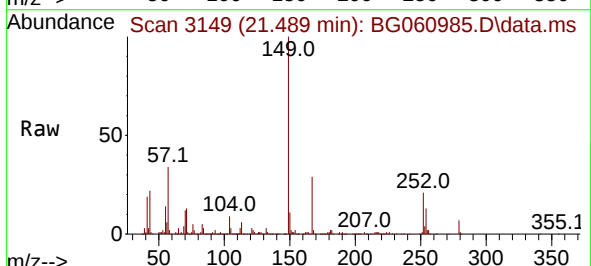
RT: 21.489 min Scan# 3149

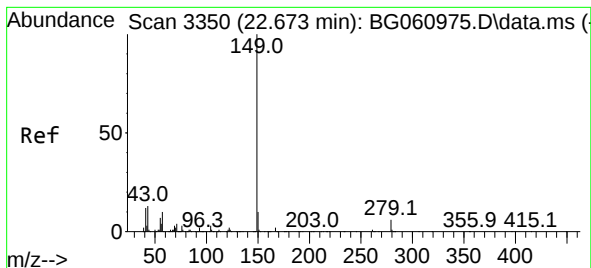
Delta R.T. 0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:	149	Resp:	266412
Ion Ratio	Lower	Upper	
149	100		
167	28.9	21.8	32.8
279	6.7	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 44.282 ng

RT: 22.676 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

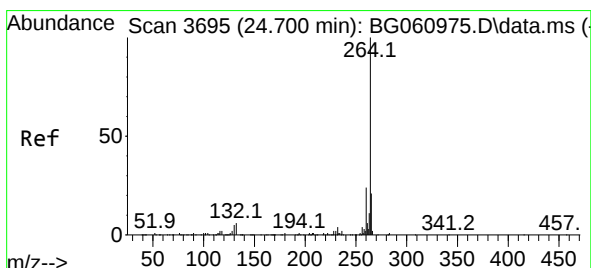
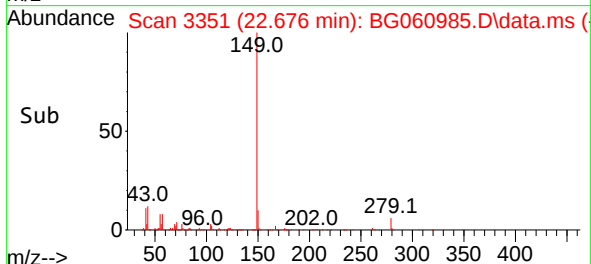
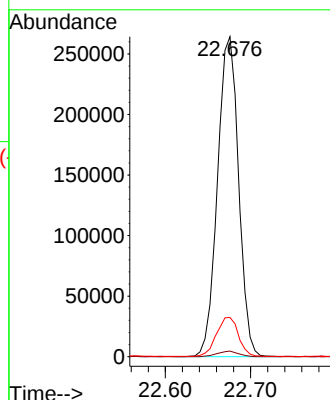
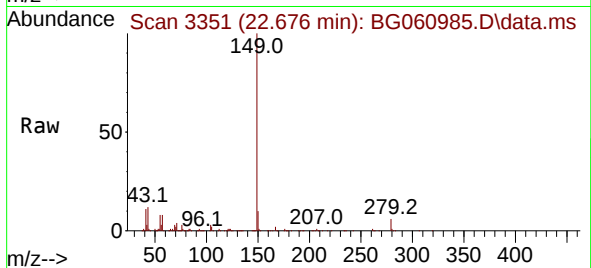
Tgt Ion:	149	Resp:	45433
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	12.7	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#86

Perylene-d12

Concen: 20.000 ng

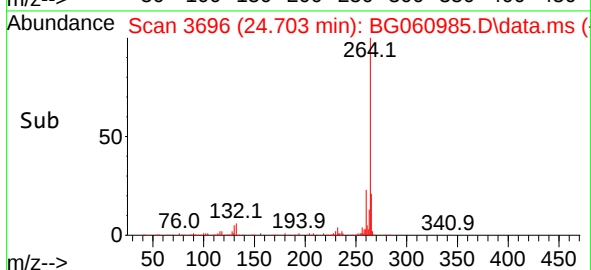
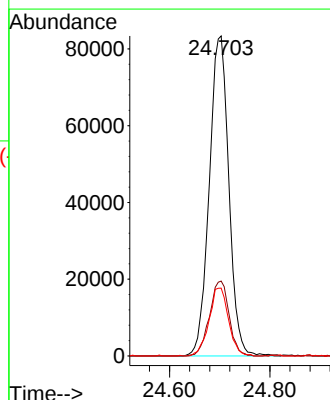
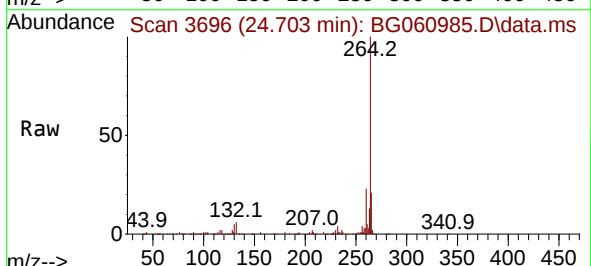
RT: 24.703 min Scan# 3696

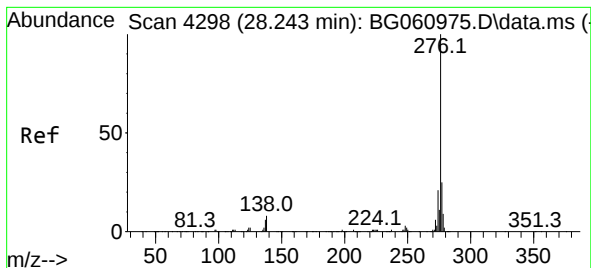
Delta R.T. 0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:	264	Resp:	225596
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.4	29.2
265	21.2	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.119 ng

RT: 28.240 min Scan# 4298

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

Tgt Ion:276 Resp: 737408

Ion Ratio Lower Upper

276 100

138 7.2 5.3 7.9

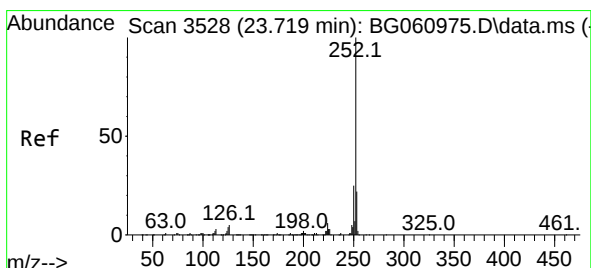
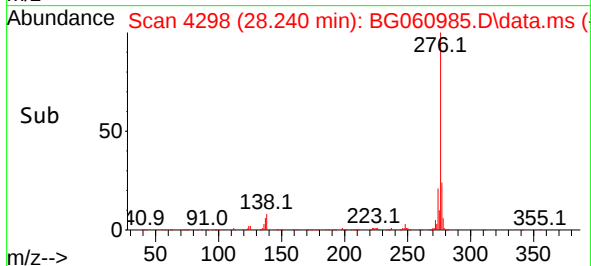
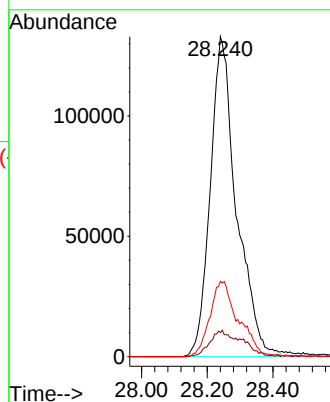
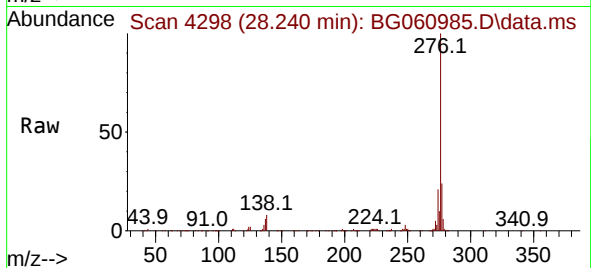
277 25.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#88

Benzo(b)fluoranthene

Concen: 46.204 ng

RT: 23.716 min Scan# 3528

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

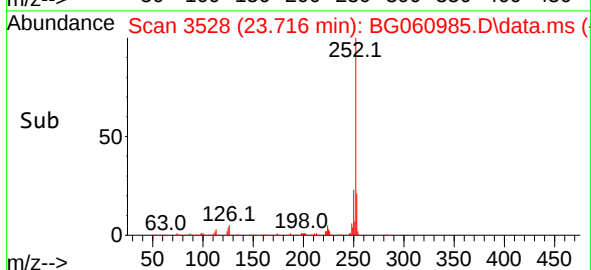
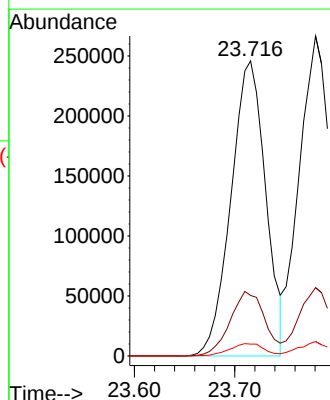
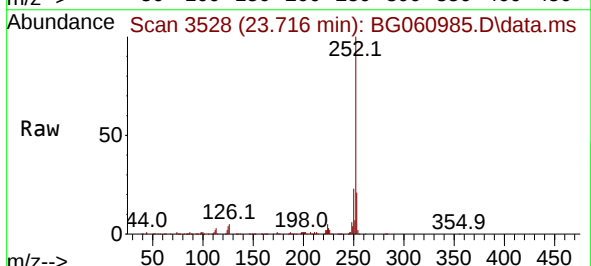
Tgt Ion:252 Resp: 590687

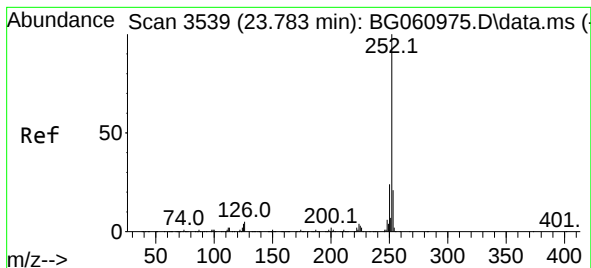
Ion Ratio Lower Upper

252 100

253 20.5 17.5 26.3

125 4.0 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 45.086 ng

RT: 23.780 min Scan# 3539

Delta R.T. -0.003 min

Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Instrument :

BNA_G

ClientSampleId :

PB160360BSD

Tgt Ion:252 Resp: 58185

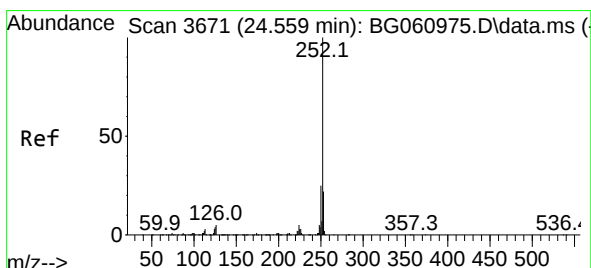
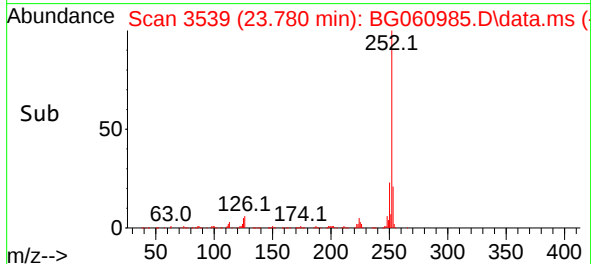
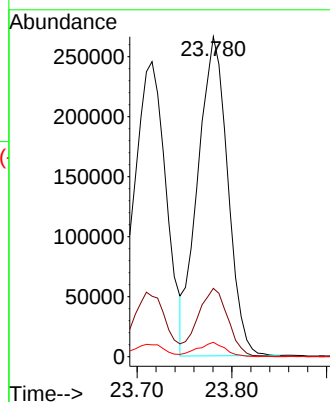
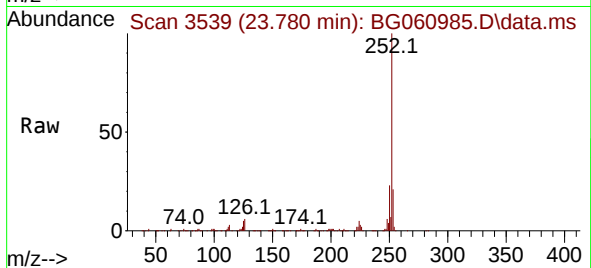
Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.6	25.0
125	4.5	3.3	4.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024



#90

Benzo(a)pyrene

Concen: 44.326 ng

RT: 24.556 min Scan# 3671

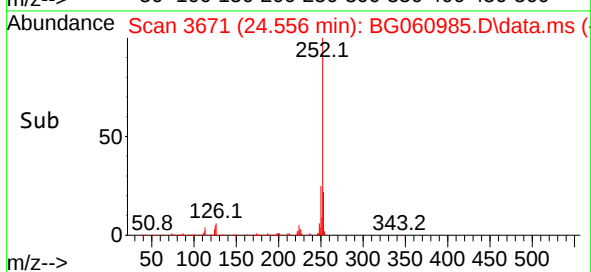
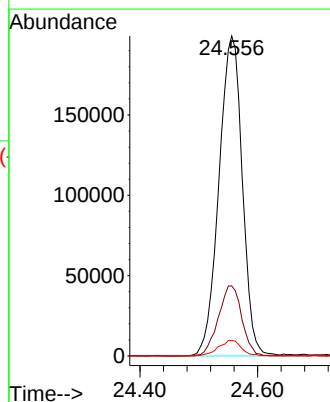
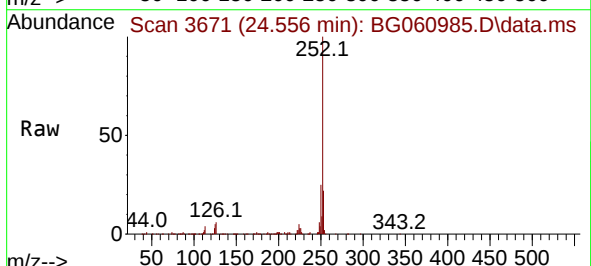
Delta R.T. -0.003 min

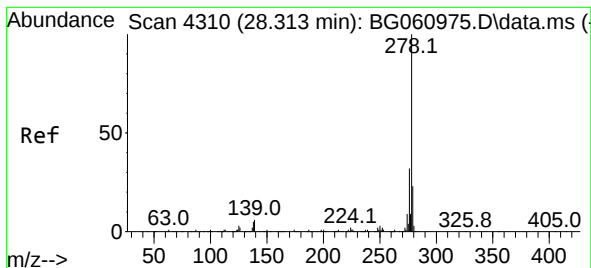
Lab File: BG060985.D

Acq: 21 Apr 2024 3:12

Tgt Ion:252 Resp: 548504

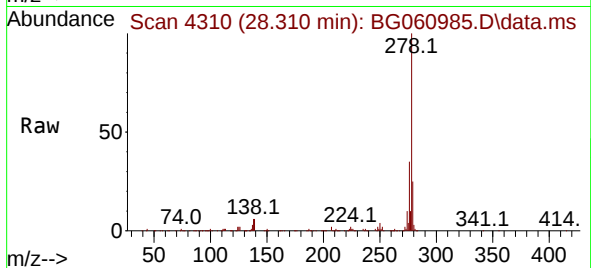
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	4.8	3.6	5.4





#91
Dibenzo(a,h)anthracene
Concen: 46.162 ng
RT: 28.310 min Scan# 4310
Delta R.T. -0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12

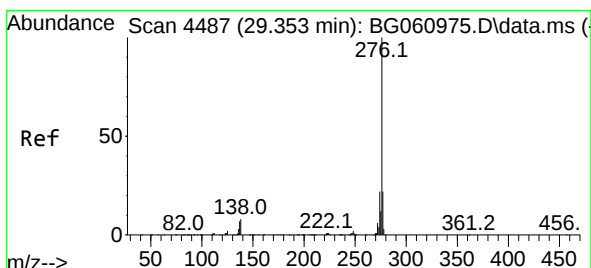
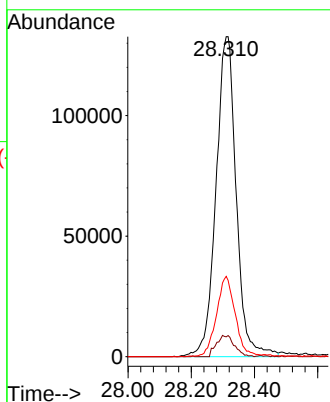
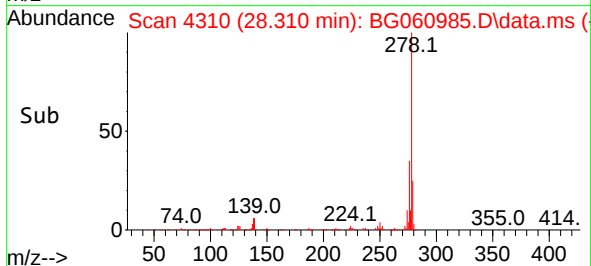
Instrument :
BNA_G
ClientSampleId :
PB160360BSD



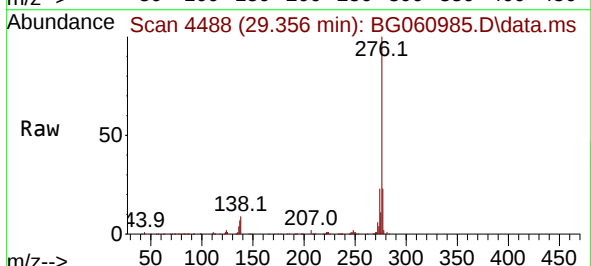
Tgt Ion:278 Resp: 590228
Ion Ratio Lower Upper
278 100
139 6.2 4.7 7.1
279 25.1 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



#92
Benzo(g,h,i)perylene
Concen: 43.196 ng
RT: 29.356 min Scan# 4488
Delta R.T. 0.003 min
Lab File: BG060985.D
Acq: 21 Apr 2024 3:12



Tgt Ion:276 Resp: 547620
Ion Ratio Lower Upper
276 100
277 22.9 18.0 27.0
138 9.1 6.5 9.7

