

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060398.D
 Acq On : 23 Jan 2024 11:07
 Operator : MA/JU
 Sample : PB158566BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB158566BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 11:51:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	211185	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	878389	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	694398	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1833412	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1586843	20.000	ng	0.00
86) Perylene-d12	24.745	264	1720960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1869824	145.629	ng	0.00
7) Phenol-d6	7.101	99	2263162	119.035	ng	0.00
23) Nitrobenzene-d5	9.093	82	1443103	77.578	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1475058	144.379	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3811684	76.317	ng	0.00
79) Terphenyl-d14	19.933	244	5786060	96.949	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	181218	30.898	ng	96
3) Pyridine	3.793	79	492581	29.767	ng	91
4) n-Nitrosodimethylamine	3.717	42	214956	41.506	ng	99
6) Aniline	7.254	93	665700	35.030	ng	99
8) 2-Chlorophenol	7.495	128	648925	50.997	ng	94
10) Phenol	7.124	94	826009	43.332	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	672717	43.308	ng	97
12) 1,3-Dichlorobenzene	7.818	146	672253	42.090	ng	99
13) 1,4-Dichlorobenzene	7.965	146	691403	42.665	ng	97
14) 1,2-Dichlorobenzene	8.282	146	677006	40.628	ng	99
15) Benzyl Alcohol	8.170	79	624349	50.730	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	797384	42.294	ng	99
17) 2-Methylphenol	8.376	107	626943	47.884	ng	99
18) Hexachloroethane	9.010	117	231034	40.662	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	570856	43.382	ng	96
20) 3+4-Methylphenols	8.705	107	874414	49.533	ng	96
22) Acetophenone	8.752	105	1107715	45.877	ng	# 98
24) Nitrobenzene	9.134	77	735574	38.145	ng	98
25) Isophorone	9.651	82	1586016	42.455	ng	99
26) 2-Nitrophenol	9.845	139	360287	50.815	ng	94
27) 2,4-Dimethylphenol	9.903	122	656042	70.024	ng	98
28) bis(2-Chloroethoxy)met...	10.138	93	969207	42.462	ng	97
29) 2,4-Dichlorophenol	10.379	162	757502	49.895	ng	99
30) 1,2,4-Trichlorobenzene	10.597	180	785712	41.599	ng	97
31) Naphthalene	10.785	128	1964582	42.667	ng	98
32) Benzoic acid	10.050	122	403847	48.639	ng	94
33) 4-Chloroaniline	10.891	127	472006	26.605	ng	99
34) Hexachlorobutadiene	11.067	225	488070	39.667	ng	96
35) Caprolactam	11.666	113	276388m	56.522	ng	
36) 4-Chloro-3-methylphenol	12.019	107	788879	51.148	ng	99
37) 2-Methylnaphthalene	12.389	142	1484980	43.485	ng	97
38) 1-Methylnaphthalene	12.612	142	1407180	41.036	ng	98
40) 1,2,4,5-Tetrachloroben...	12.759	216	1006980	40.832	ng	99
41) Hexachlorocyclopentadiene	12.735	237	1125390	137.446	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	721490	45.971	ng	98
44) 2,4,5-Trichlorophenol	13.076	196	810616	46.827	ng	98

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Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 11:51:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

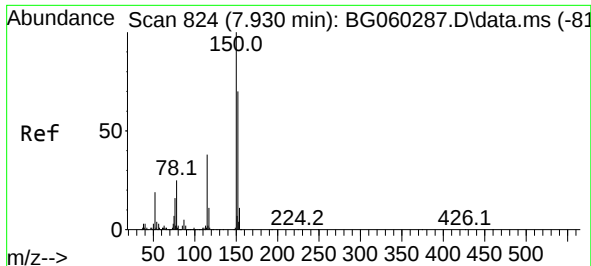
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.399	154	2197286	41.920	ng	98
47) 2-Chloronaphthalene	13.446	162	1800239	40.091	ng	98
48) 2-Nitroaniline	13.646	65	570122	50.982	ng	98
49) Acenaphthylene	14.292	152	2803246	45.334	ng	99
50) Dimethylphthalate	14.022	163	2427354	45.743	ng	99
51) 2,6-Dinitrotoluene	14.146	165	559213	49.387	ng	97
52) Acenaphthene	14.633	154	1682587	43.699	ng	99
53) 3-Nitroaniline	14.475	138	375516	36.396	ng	95
54) 2,4-Dinitrophenol	14.680	184	692543	98.636	ng	98
55) Dibenzofuran	14.968	168	2877714	44.771	ng	97
56) 4-Nitrophenol	14.792	139	919011	120.088	ng	96
57) 2,4-Dinitrotoluene	14.933	165	808570	52.075	ng	93
58) Fluorene	15.614	166	2394461	44.985	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.191	232	782227	53.214	ng	99
60) Diethylphthalate	15.385	149	2441264	47.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.609	204	1312613	44.765	ng	99
62) 4-Nitroaniline	15.644	138	579208	52.746	ng	96
63) Azobenzene	15.902	77	2285987	44.365	ng	98
65) 4,6-Dinitro-2-methylph...	15.697	198	535490	52.795	ng	95
66) n-Nitrosodiphenylamine	15.826	169	2222075	45.645	ng	99
67) 4-Bromophenyl-phenylether	16.502	248	901797	44.764	ng	97
68) Hexachlorobenzene	16.619	284	1021195	42.824	ng	98
69) Atrazine	16.772	200	732628	39.911	ng	99
70) Pentachlorophenol	16.966	266	1221621	95.040	ng	93
71) Phenanthrene	17.359	178	3975629	44.862	ng	99
72) Anthracene	17.448	178	3998778	45.196	ng	98
73) Carbazole	17.718	167	3754327	45.010	ng	100
74) Di-n-butylphthalate	18.276	149	3922450	45.703	ng	100
75) Fluoranthene	19.369	202	4476760	42.059	ng	99
77) Benzidine	19.551	184	1225000	35.534	ng	99
78) Pyrene	19.733	202	4602662	45.420	ng	100
80) Butylbenzylphthalate	20.620	149	1871454	53.679	ng	96
81) Benzo(a)anthracene	21.560	228	4495720	45.764	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	1518487	40.362	ng	99
83) Chrysene	21.625	228	4302735	44.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.461	149	2671825	50.715	ng	96
85) Di-n-octyl phthalate	22.647	149	4419003	51.761	ng	99
87) Indeno(1,2,3-cd)pyrene	28.358	276	5830619	48.727	ng #	94
88) Benzo(b)fluoranthene	23.740	252	4761711	46.836	ng	99
89) Benzo(k)fluoranthene	23.805	252	4794733	47.792	ng	99
90) Benzo(a)pyrene	24.592	252	4332221	47.171	ng	99
91) Dibenzo(a,h)anthracene	28.417	278	4810290	49.224	ng	98
92) Benzo(g,h,i)perylene	29.498	276	4748493	47.411	ng	99

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

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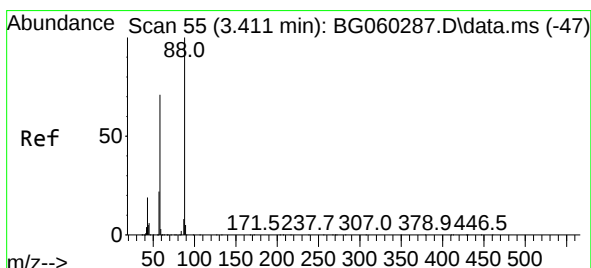
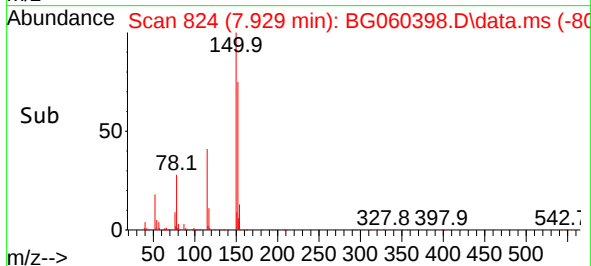
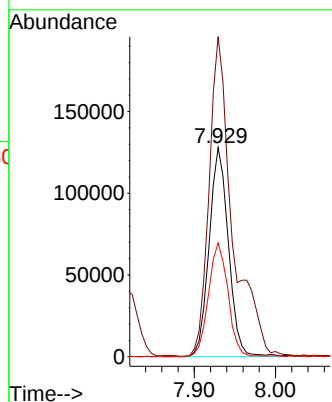
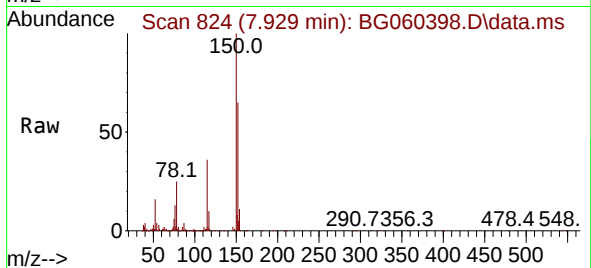
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :
BNA_G
ClientSampleId :
PB158566BS

Tgt Ion:152 Resp: 21118
Ion Ratio Lower Upper
152 100
150 153.0 114.5 171.7
115 54.4 43.0 64.6

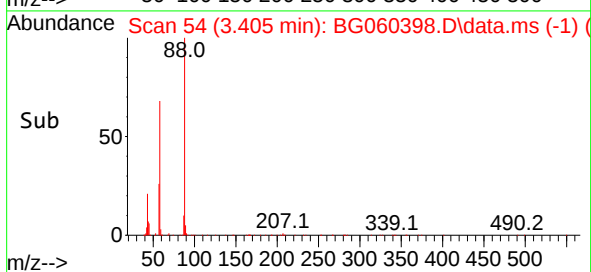
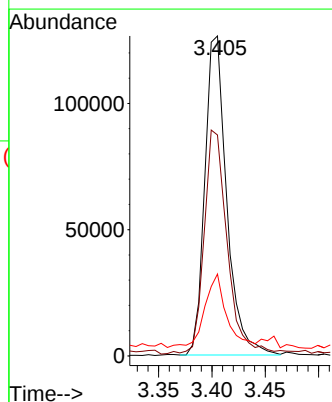
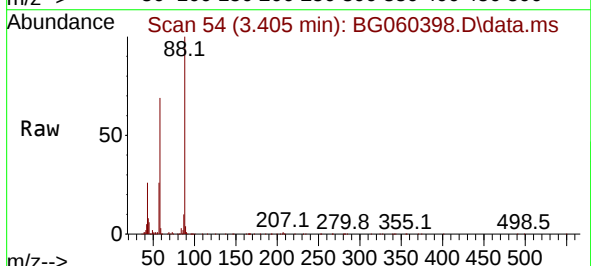
Manual Integrations
APPROVED

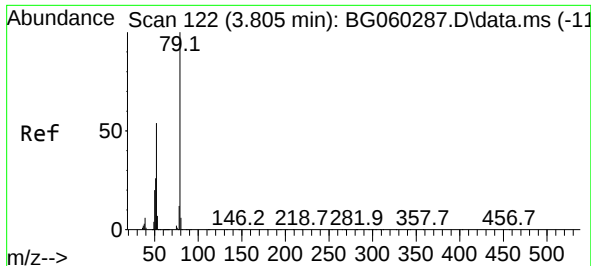
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#2
1,4-Dioxane
Concen: 30.898 ng
RT: 3.405 min Scan# 54
Delta R.T. -0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion: 88 Resp: 181218
Ion Ratio Lower Upper
88 100
58 73.9 55.9 83.9
43 21.1 16.6 24.8





#3
Pyridine
Concen: 29.767 ng
RT: 3.793 min Scan# 108
Delta R.T. -0.012 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

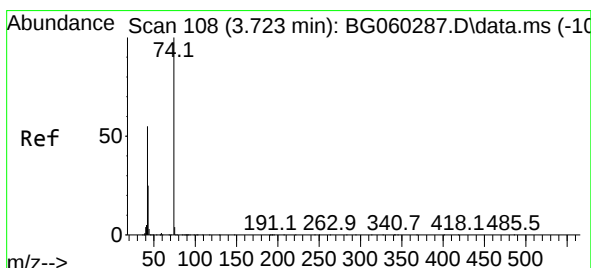
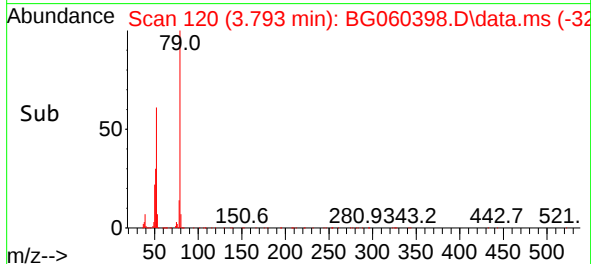
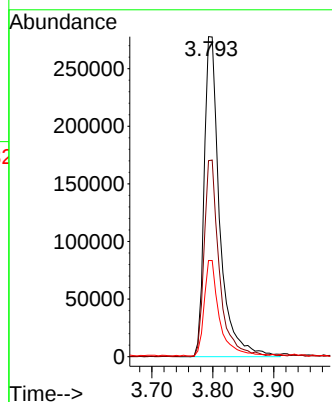
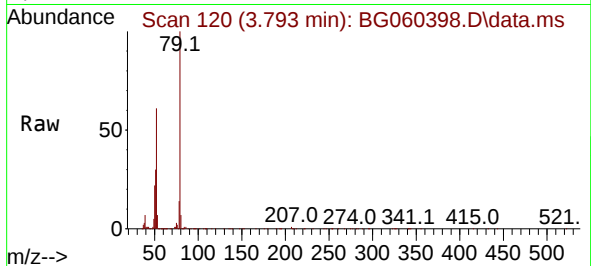
ClientSampleId :

PB158566BS

Tgt Ion: 79 Resp: 49258
Ion Ratio Lower Upper
79 100
52 61.3 43.2 64.8
51 30.0 21.4 32.2

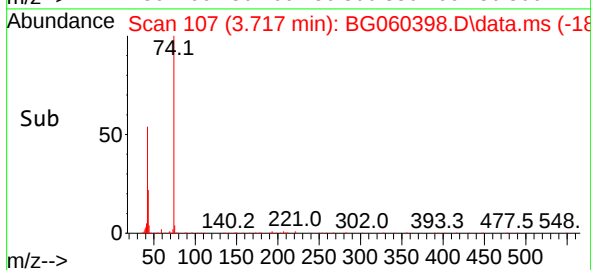
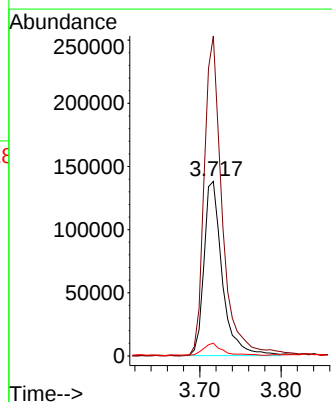
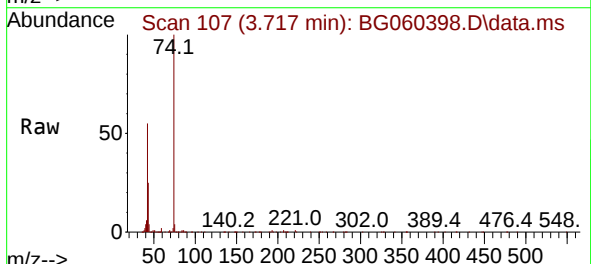
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#4
n-Nitrosodimethylamine
Concen: 41.506 ng
RT: 3.717 min Scan# 107
Delta R.T. -0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

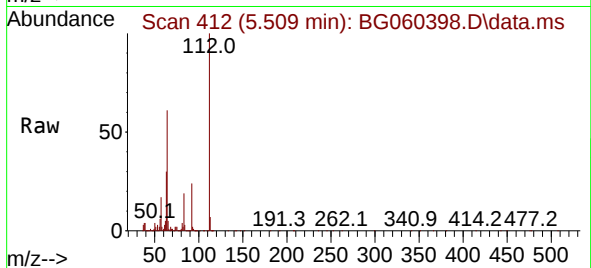
Tgt Ion: 42 Resp: 214956
Ion Ratio Lower Upper
42 100
74 183.2 145.1 217.7
44 7.4 5.2 7.8





#5
2-Fluorophenol
Concen: 145.629 ng
RT: 5.509 min Scan# 411
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

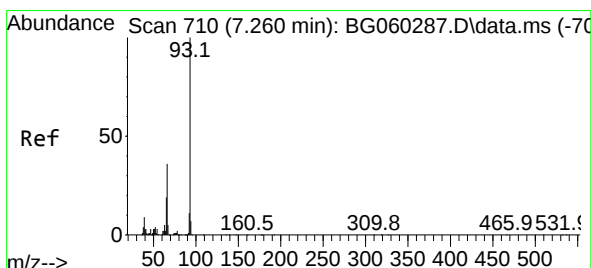
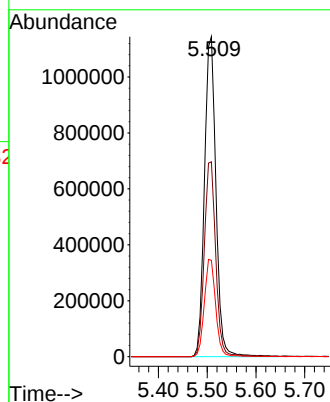
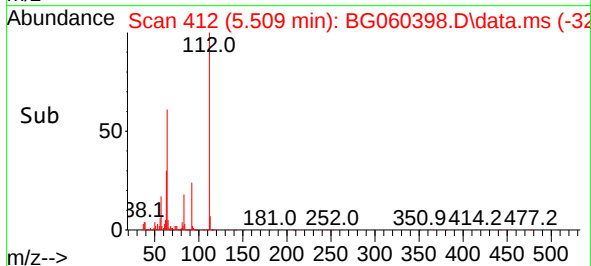
Instrument :
BNA_G
ClientSampleId :
PB158566BS



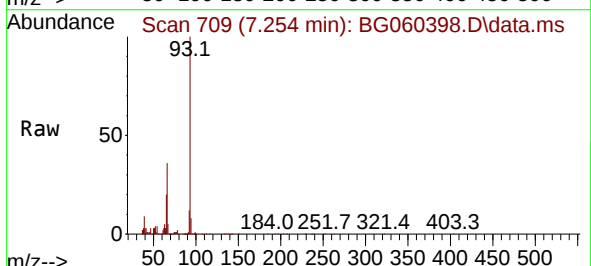
Tgt Ion:112 Resp: 1869824
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.6
63 30.1 24.4 36.6

Manual Integrations
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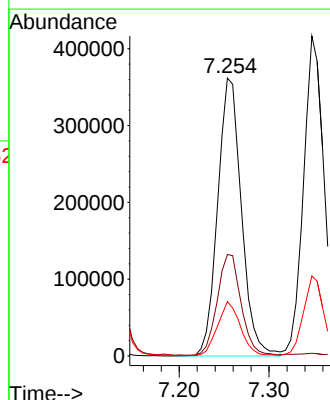
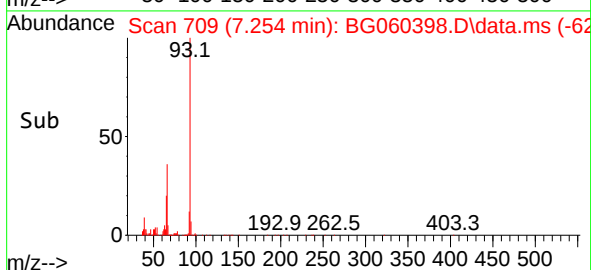
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#6
Aniline
Concen: 35.030 ng
RT: 7.254 min Scan# 709
Delta R.T. -0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



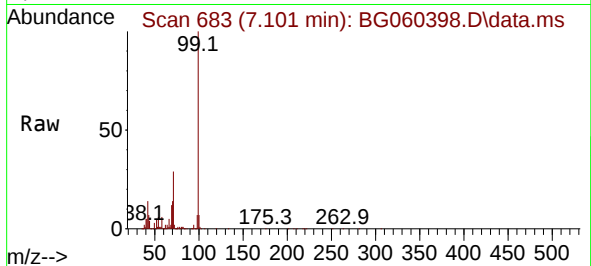
Tgt Ion: 93 Resp: 665700
Ion Ratio Lower Upper
93 100
66 36.5 29.0 43.4
65 19.6 15.1 22.7





#7
Phenol-d6
Concen: 119.035 ng
RT: 7.101 min Scan# 682
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

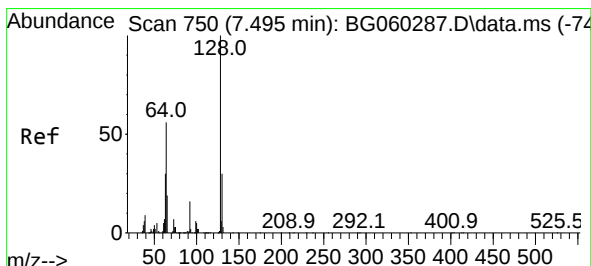
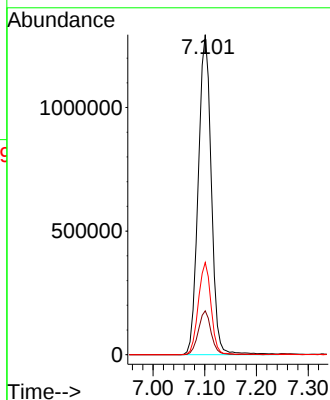
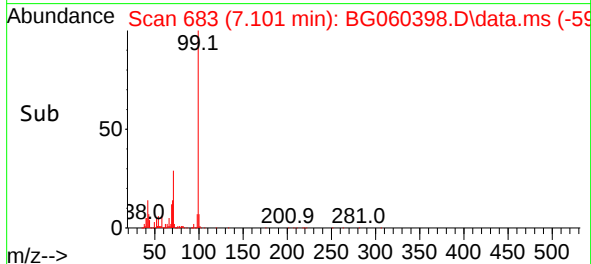
Instrument :
BNA_G
ClientSampleId :
PB158566BS



Tgt Ion: 99 Resp: 226316
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 28.8 21.5 32.3

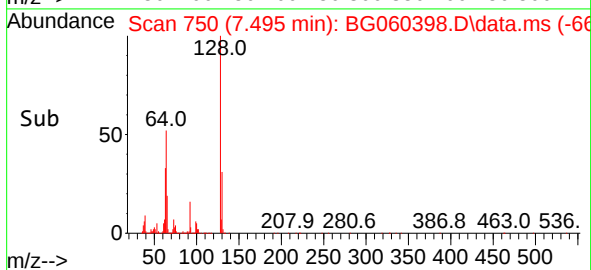
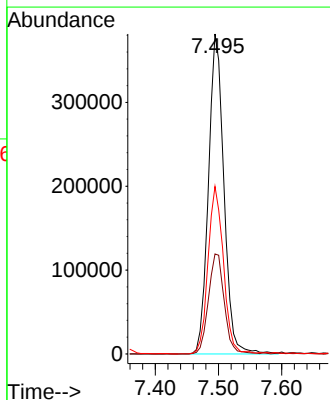
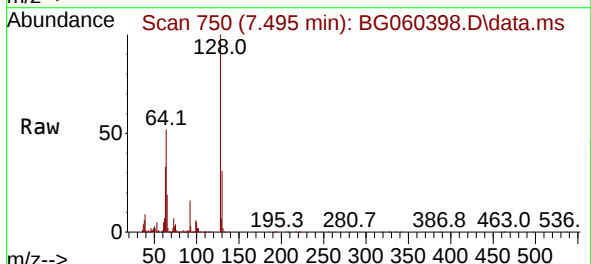
Manual Integrations
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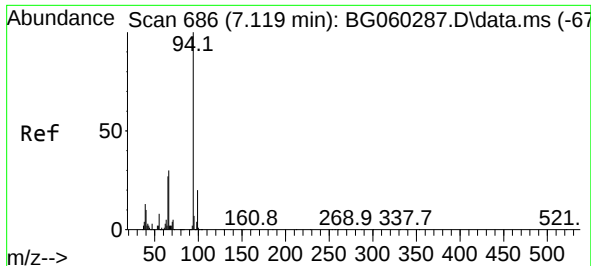
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#8
2-Chlorophenol
Concen: 50.997 ng
RT: 7.495 min Scan# 750
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

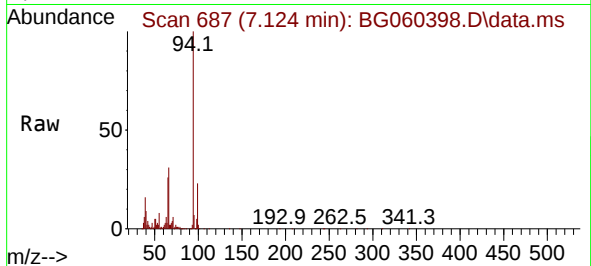
Tgt Ion:128 Resp: 648925
Ion Ratio Lower Upper
128 100
130 31.3 9.9 49.9
64 52.4 37.8 77.8





#10
Phenol
Concen: 43.332 ng
RT: 7.124 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

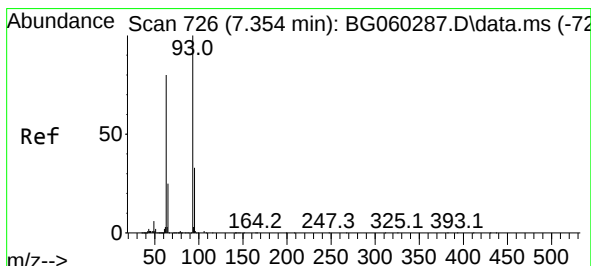
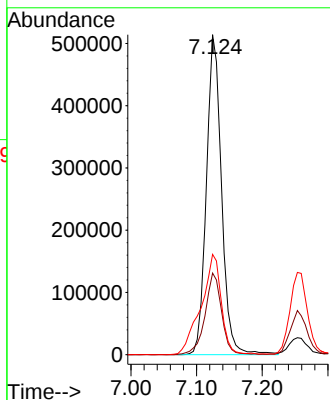
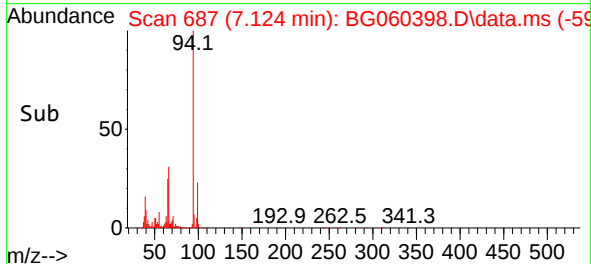
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 826009
Ion Ratio Lower Upper
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65 25.5 6.7 46.7
66 31.4 10.6 50.6

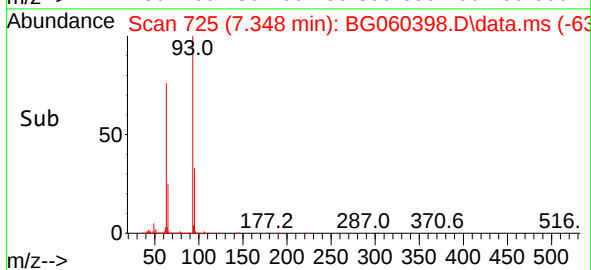
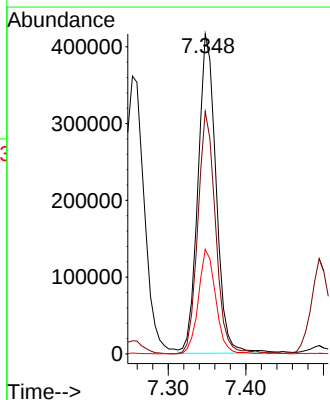
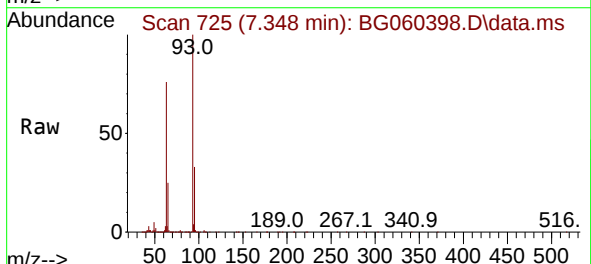
Manual Integrations
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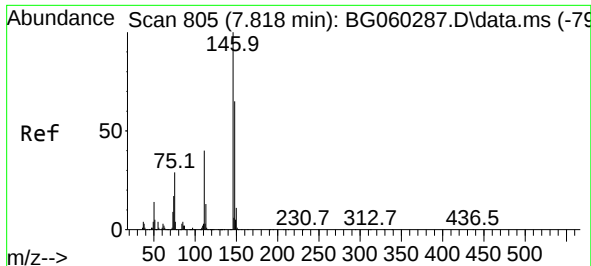
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#11
bis(2-Chloroethyl)ether
Concen: 43.308 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion: 93 Resp: 672717
Ion Ratio Lower Upper
93 100
63 75.7 59.3 99.3
95 32.6 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 42.090 ng

RT: 7.818 min Scan# 805

Delta R.T. -0.000 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

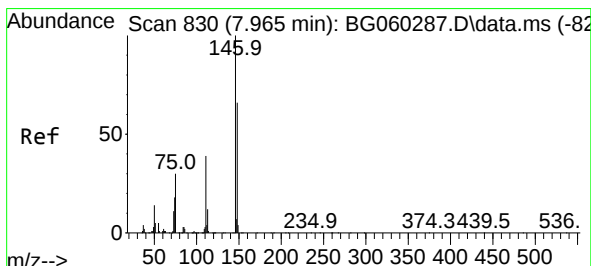
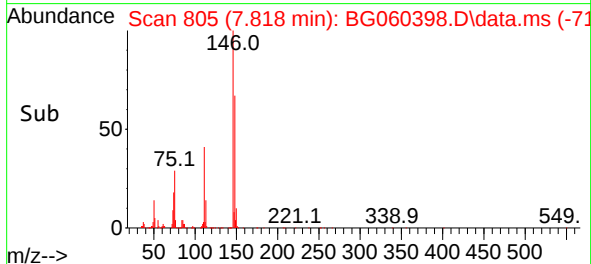
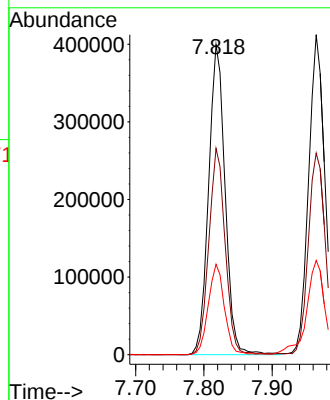
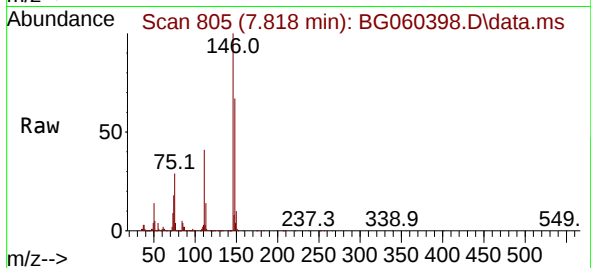
PB158566BS

Tgt Ion:	146	Resp:	67225
Ion Ratio	Lower	Upper	
146	100		
148	66.5	52.3	78.5
75	29.1	22.9	34.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#13

1,4-Dichlorobenzene

Concen: 42.665 ng

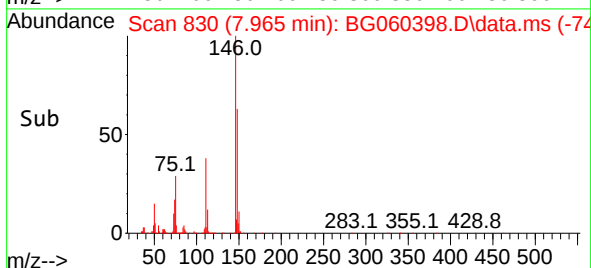
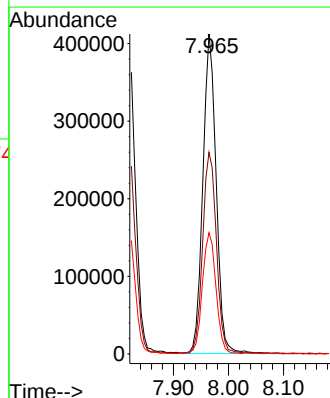
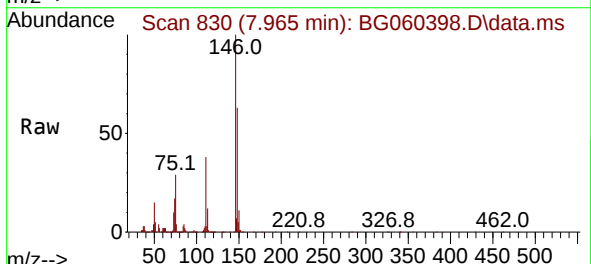
RT: 7.965 min Scan# 830

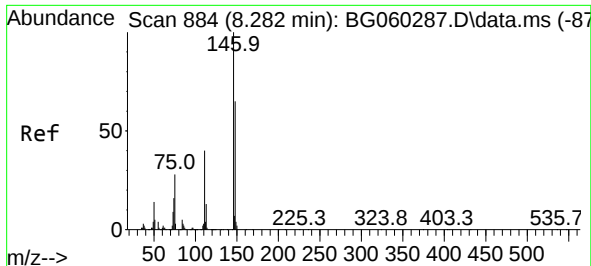
Delta R.T. -0.000 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

Tgt Ion:	146	Resp:	691403
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.7	79.1
111	37.9	31.4	47.0





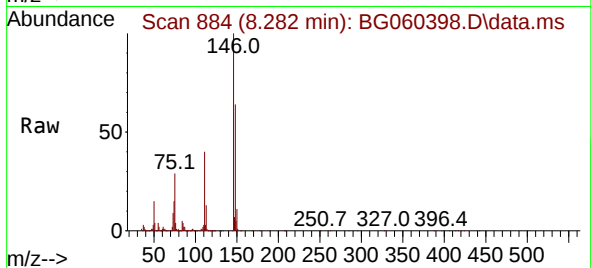
#14
1,2-Dichlorobenzene
Concen: 40.628 ng
RT: 8.282 min Scan# 884
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

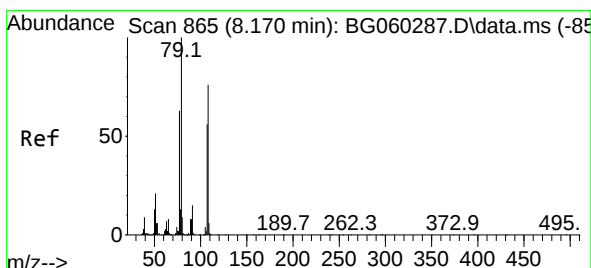
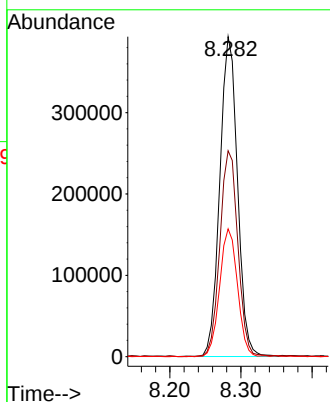
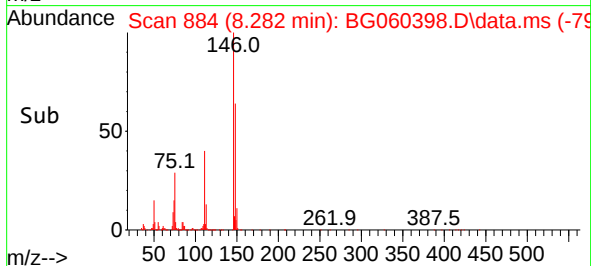
PB158566BS



Tgt Ion:146 Resp: 677000
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 40.0 32.6 48.8

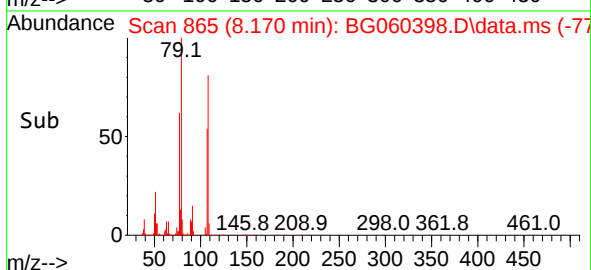
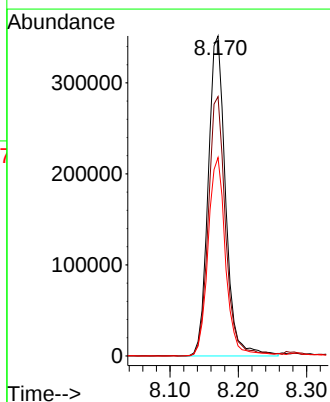
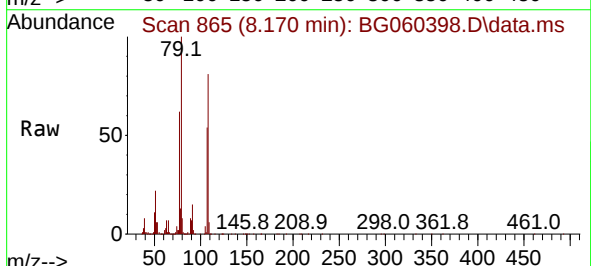
Manual Integrations
APPROVED

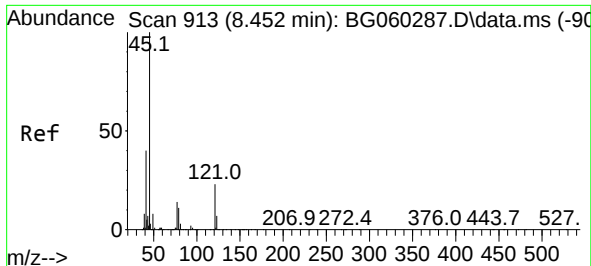
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#15
Benzyl Alcohol
Concen: 50.730 ng
RT: 8.170 min Scan# 865
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion: 79 Resp: 624349
Ion Ratio Lower Upper
79 100
108 81.1 61.2 91.8
77 62.0 50.3 75.5





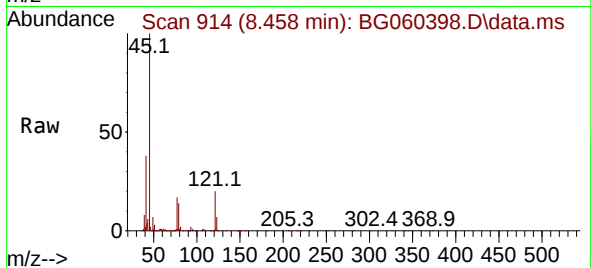
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.294 ng
RT: 8.458 min Scan# 913
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

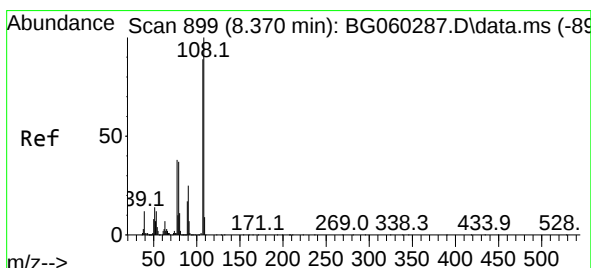
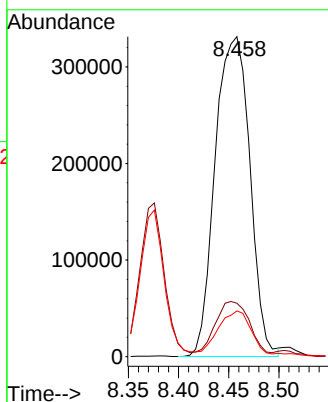
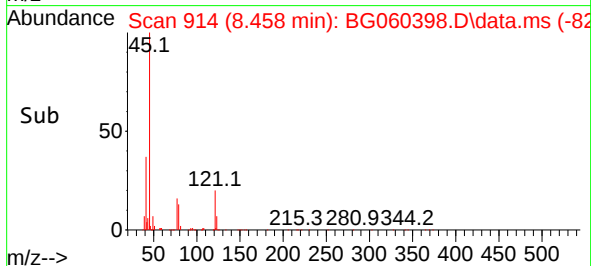
PB158566BS



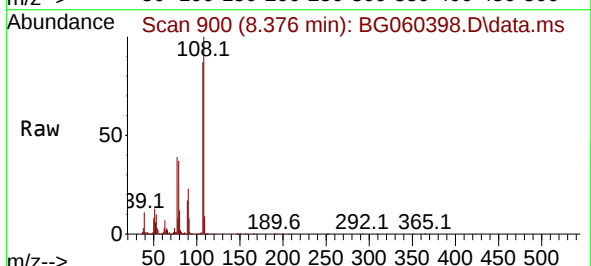
Tgt Ion: 45 Resp: 797384
Ion Ratio Lower Upper
45 100
77 16.7 0.0 37.3
79 14.3 0.0 34.0

Manual Integrations
APPROVED

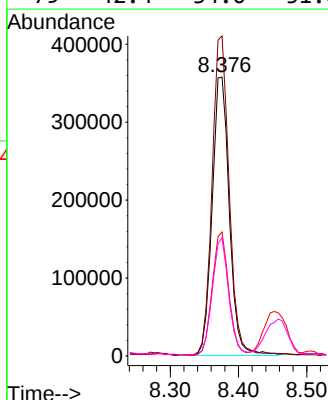
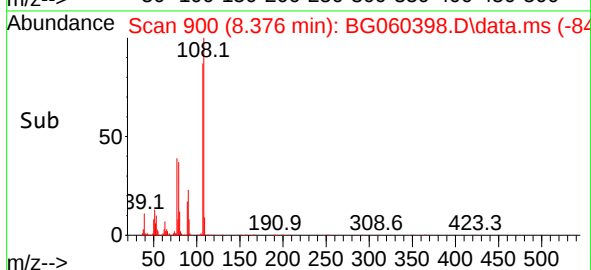
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

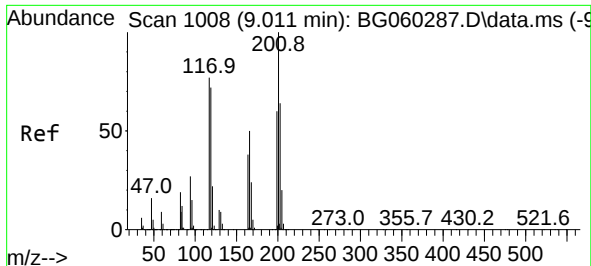


#17
2-Methylphenol
Concen: 47.884 ng
RT: 8.376 min Scan# 900
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:107 Resp: 626943
Ion Ratio Lower Upper
107 100
108 114.8 90.5 135.7
77 44.5 35.0 52.6
79 42.4 34.0 51.0





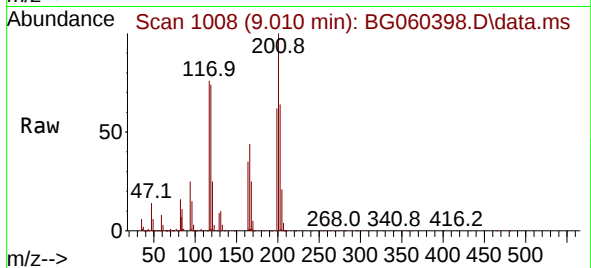
#18
Hexachloroethane
Concen: 40.662 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

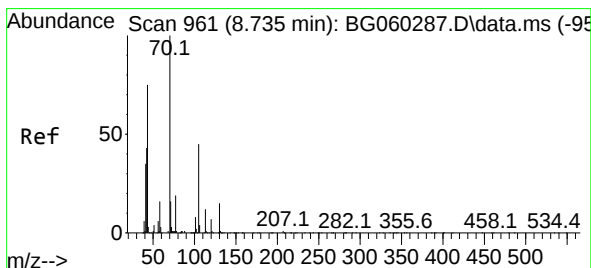
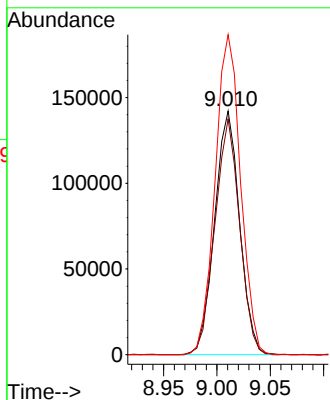
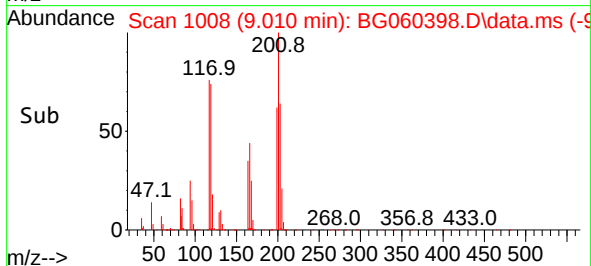


Tgt Ion:117 Resp: 231034
Ion Ratio Lower Upper
117 100
119 96.8 74.5 111.7
201 131.3 106.3 159.5

Manual Integrations

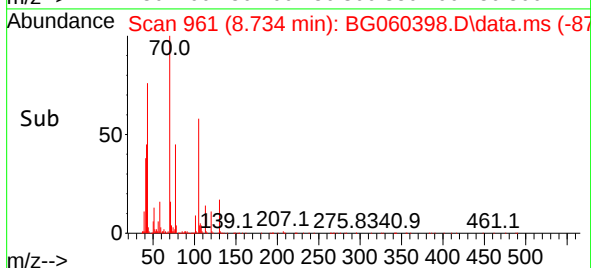
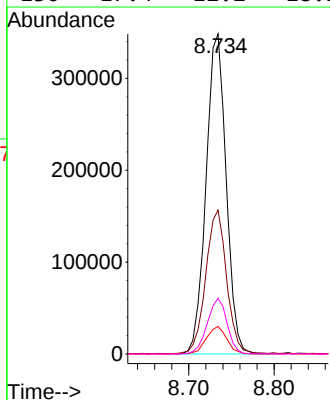
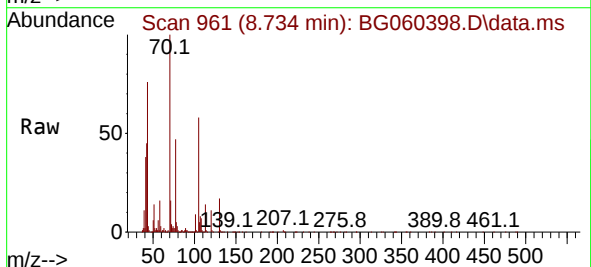
APPROVED

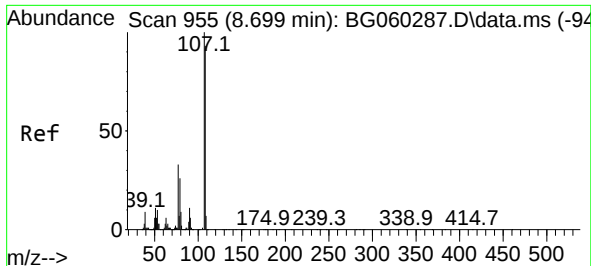
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#19
n-Nitroso-di-n-propylamine
Concen: 43.382 ng
RT: 8.734 min Scan# 961
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion: 70 Resp: 570856
Ion Ratio Lower Upper
70 100
42 44.9 34.3 51.5
101 8.6 6.2 9.2
130 17.4 12.2 18.2





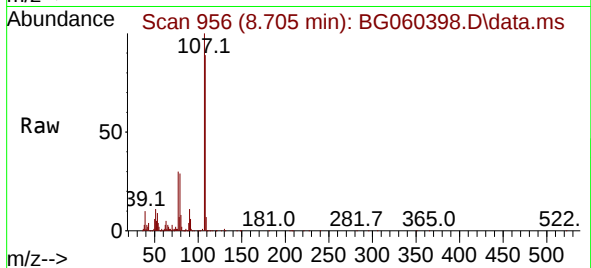
#20
3+4-Methylphenols
Concen: 49.533 ng
RT: 8.705 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

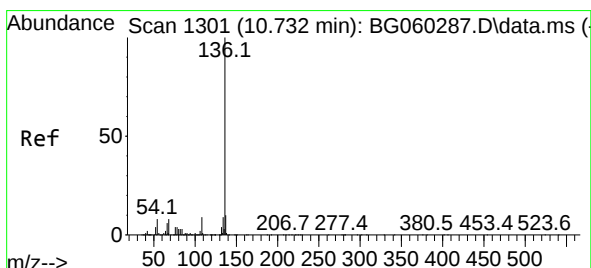
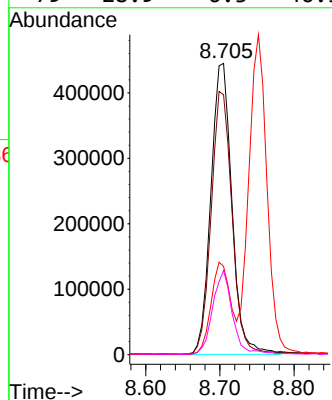


Tgt Ion:107 Resp: 874414
Ion Ratio Lower Upper
107 100
108 89.2 72.5 112.5
77 30.3 13.0 53.0
79 28.9 6.3 46.3

Manual Integrations

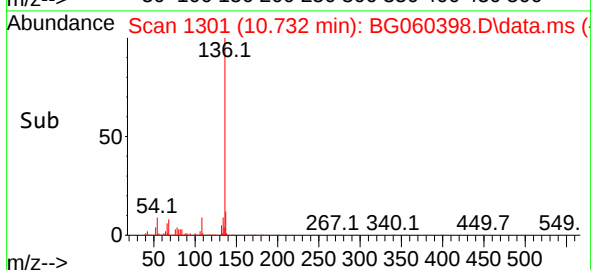
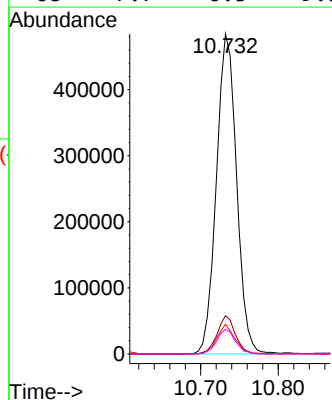
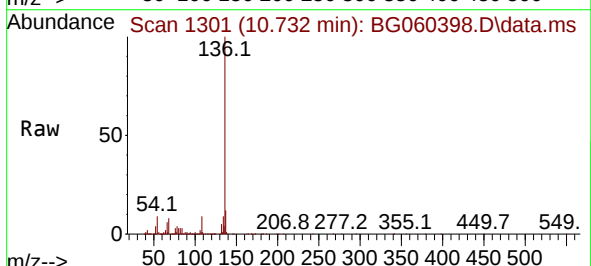
APPROVED

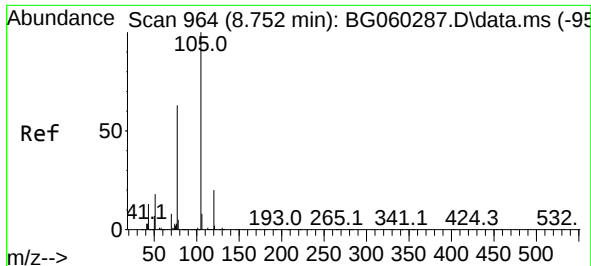
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:136 Resp: 878389
Ion Ratio Lower Upper
136 100
137 12.0 8.2 12.4
54 9.3 6.2 9.2#
68 7.7 6.3 9.5





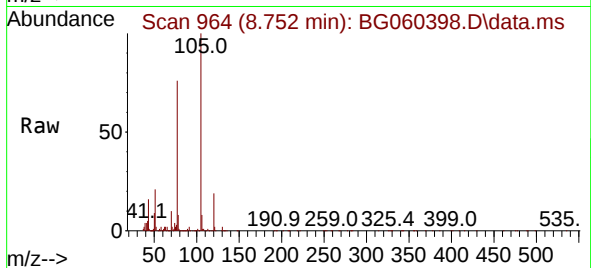
#22
Acetophenone
Concen: 45.877 ng
RT: 8.752 min Scan# 964
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

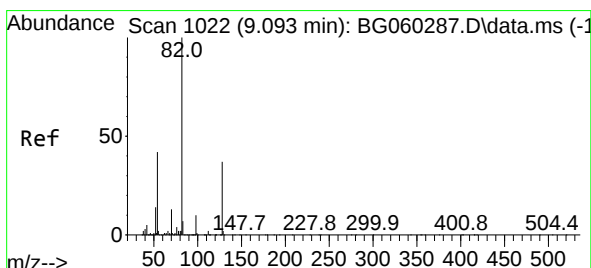
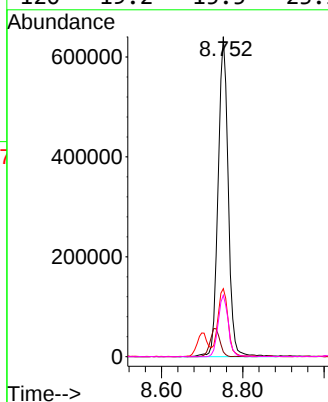
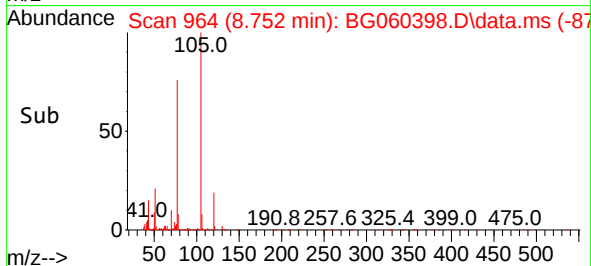


Tgt Ion:105 Resp: 1107715
Ion Ratio Lower Upper
105 100
71 1.5 1.7 2.5
51 21.3 18.2 27.2
120 19.2 15.5 23.3

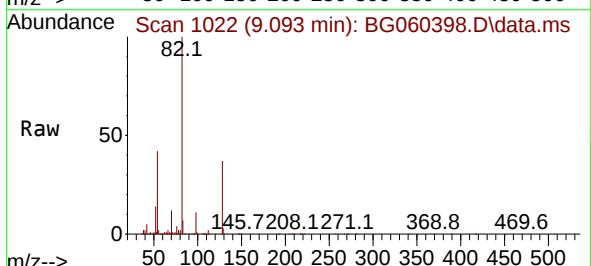
Manual Integrations

APPROVED

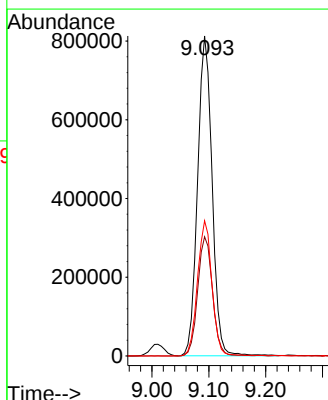
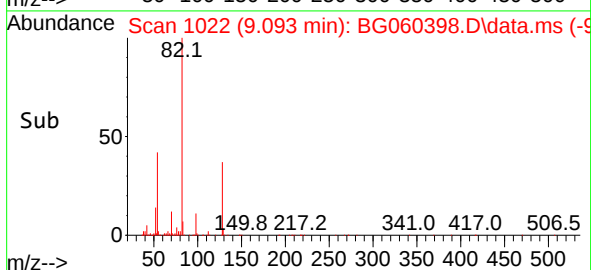
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

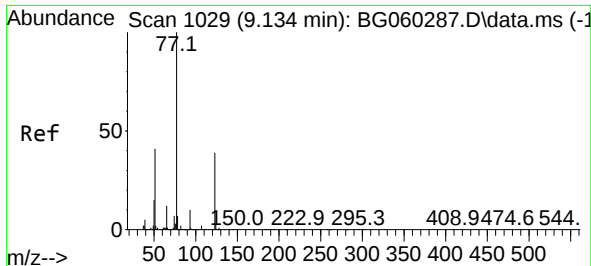


#23
Nitrobenzene-d5
Concen: 77.578 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion: 82 Resp: 1443103
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 42.2 33.6 50.4





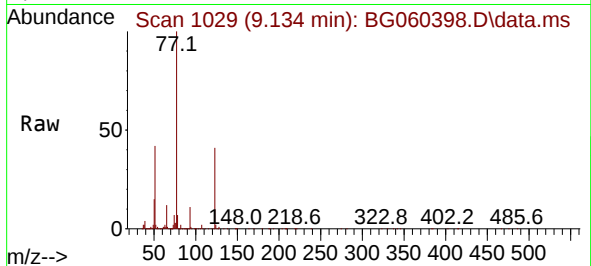
#24
Nitrobenzene
Concen: 38.145 ng
RT: 9.134 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

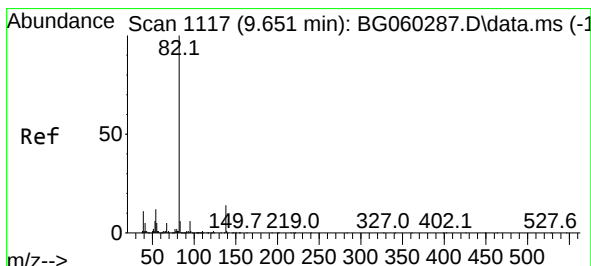
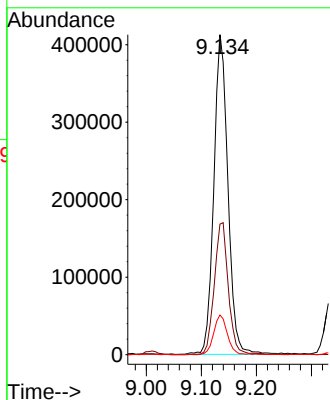
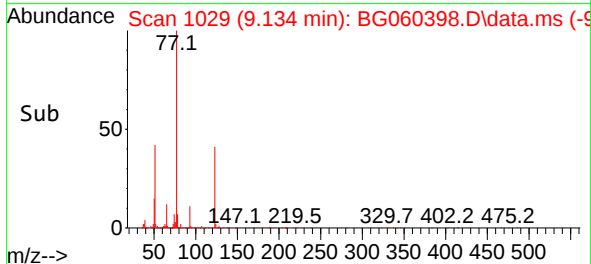


Tgt Ion: 77 Resp: 735574
Ion Ratio Lower Upper
77 100
123 40.8 31.4 47.0
65 12.4 9.6 14.4

Manual Integrations

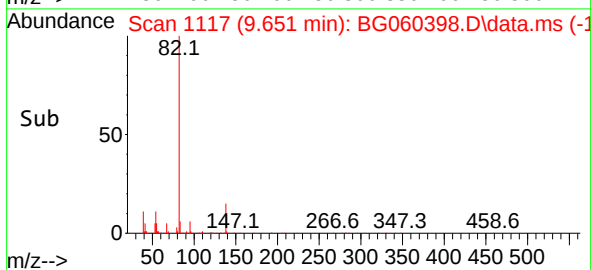
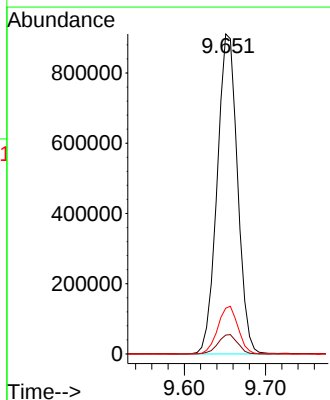
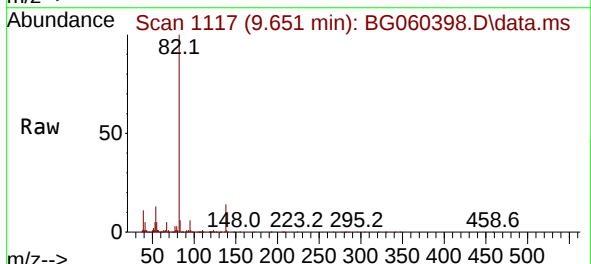
APPROVED

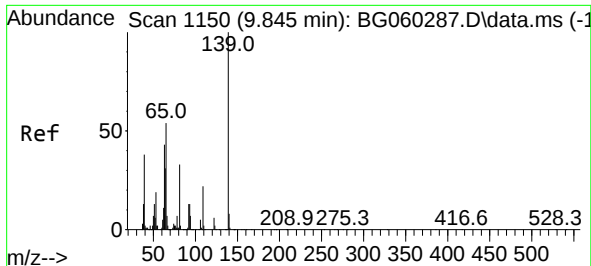
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#25
Isophorone
Concen: 42.455 ng
RT: 9.651 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion: 82 Resp: 1586016
Ion Ratio Lower Upper
82 100
95 5.9 4.7 7.1
138 14.3 11.1 16.7





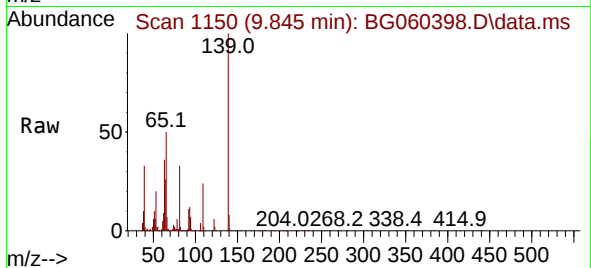
#26
2-Nitrophenol
Concen: 50.815 ng
RT: 9.845 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

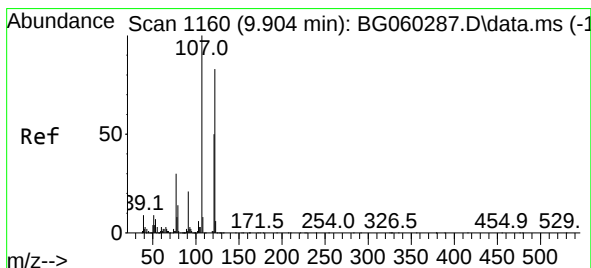
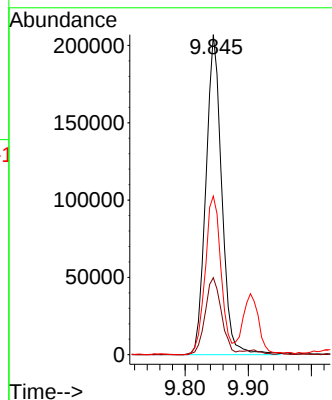
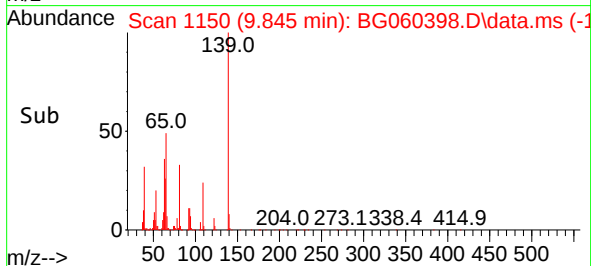


Tgt Ion:139 Resp: 360285
Ion Ratio Lower Upper
139 100
109 24.0 17.6 26.4
65 49.6 43.6 65.4

Manual Integrations

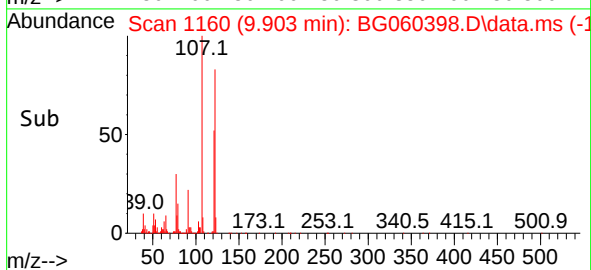
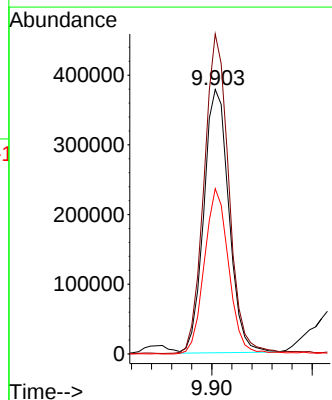
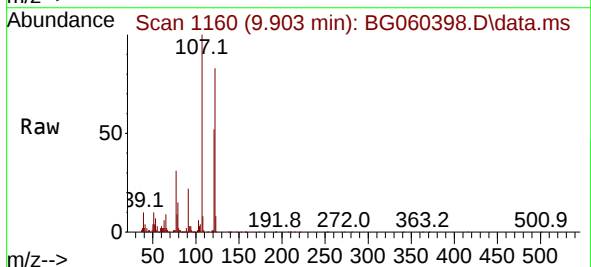
APPROVED

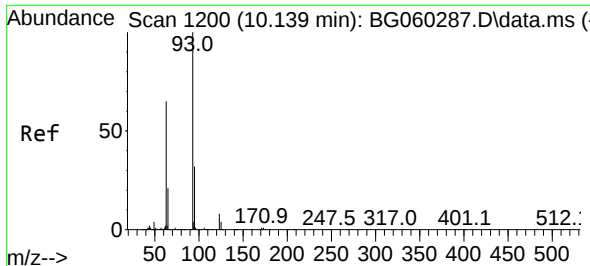
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#27
2,4-Dimethylphenol
Concen: 70.024 ng
RT: 9.903 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:122 Resp: 656042
Ion Ratio Lower Upper
122 100
107 121.0 95.4 143.0
121 62.5 47.7 71.5





#28
bis(2-Chloroethoxy)methane
Concen: 42.462 ng
RT: 10.138 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

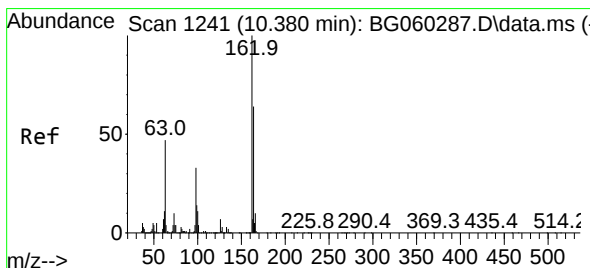
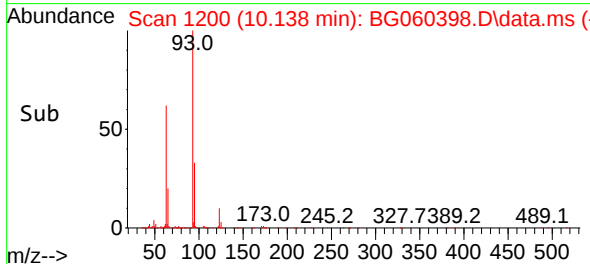
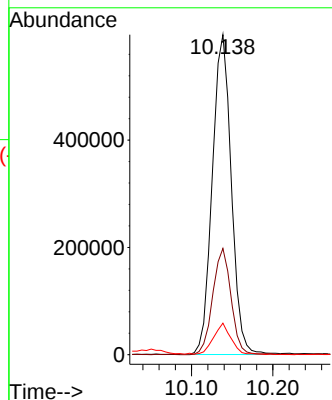
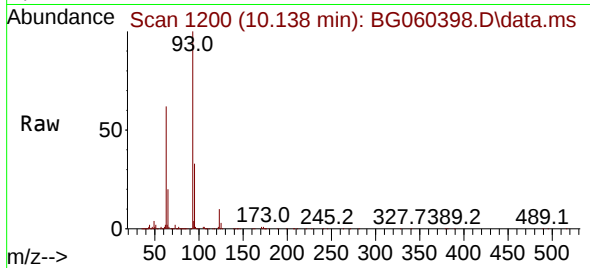
ClientSampleId :

PB158566BS

Tgt Ion: 93 Resp: 96920
Ion Ratio Lower Upper
93 100
95 33.2 25.4 38.0
123 9.9 6.7 10.1

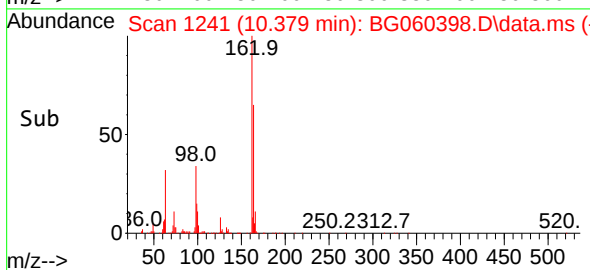
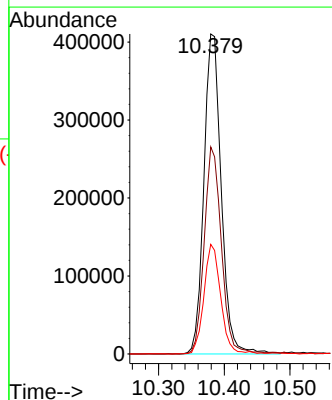
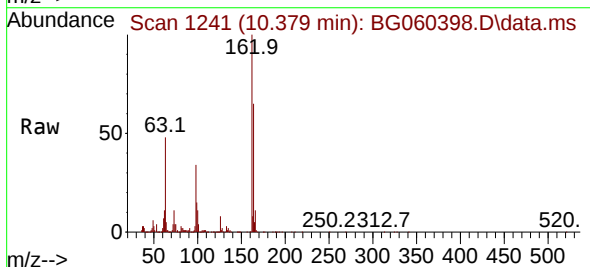
Manual Integrations
APPROVED

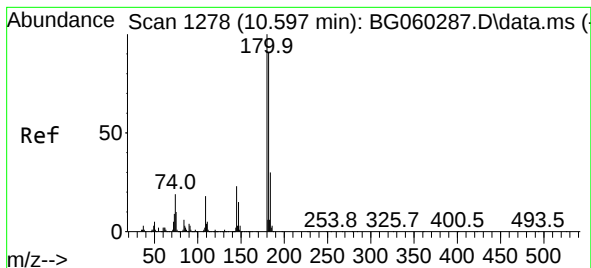
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#29
2,4-Dichlorophenol
Concen: 49.895 ng
RT: 10.379 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:162 Resp: 757502
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 34.2 13.4 53.4





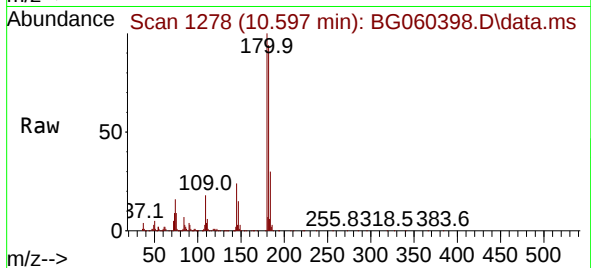
#30
1,2,4-Trichlorobenzene
Concen: 41.599 ng
RT: 10.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

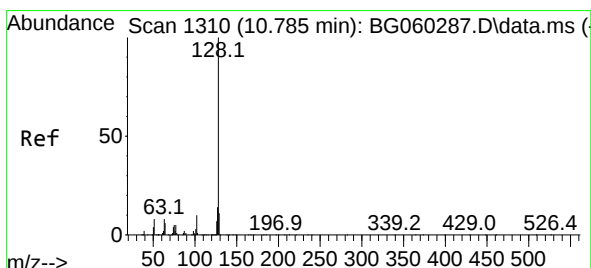
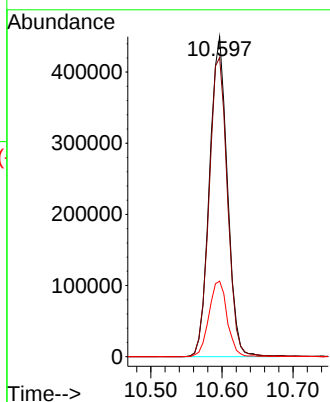
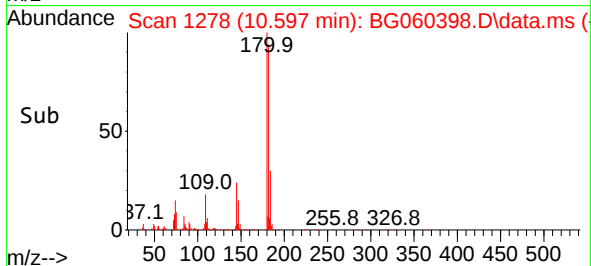


Tgt Ion:180 Resp: 78571
Ion Ratio Lower Upper
180 100
182 93.5 72.7 109.1
145 23.6 18.2 27.2

Manual Integrations

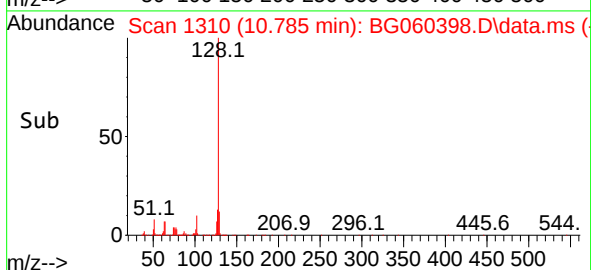
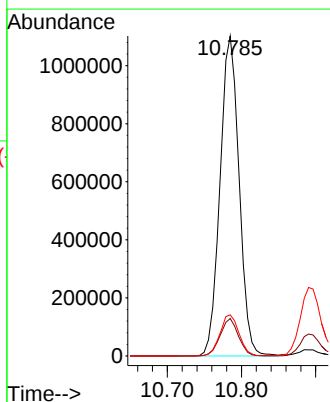
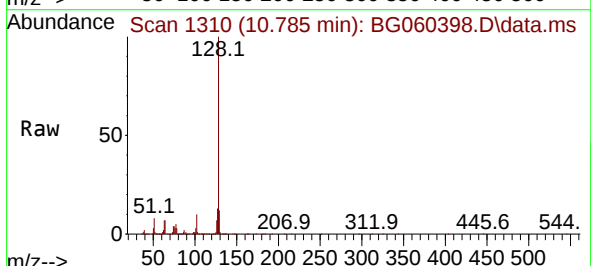
APPROVED

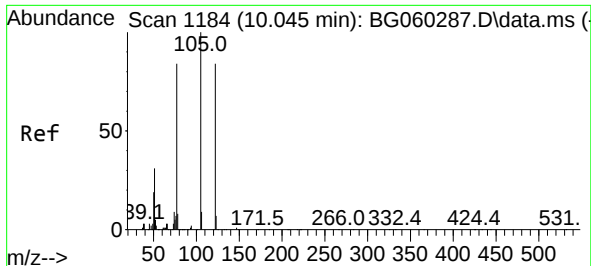
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#31
Naphthalene
Concen: 42.667 ng
RT: 10.785 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

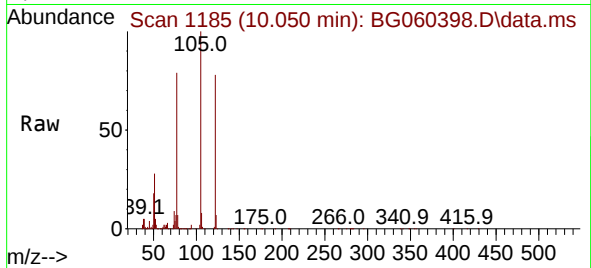
Tgt Ion:128 Resp: 1964582
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 12.8 10.9 16.3





#32
Benzoic acid
Concen: 48.639 ng
RT: 10.050 min Scan# 1185
Delta R.T. 0.005 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

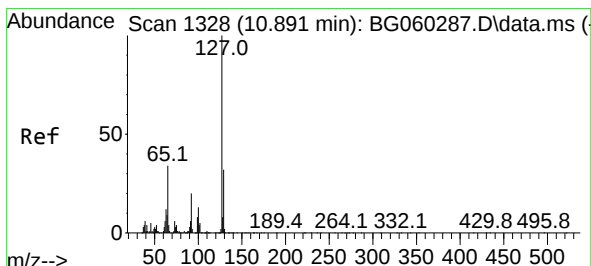
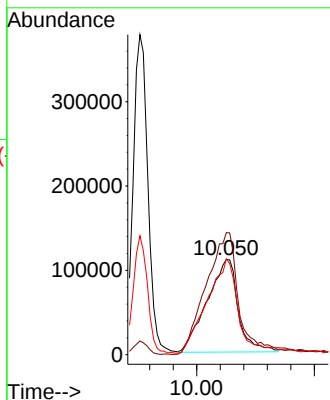
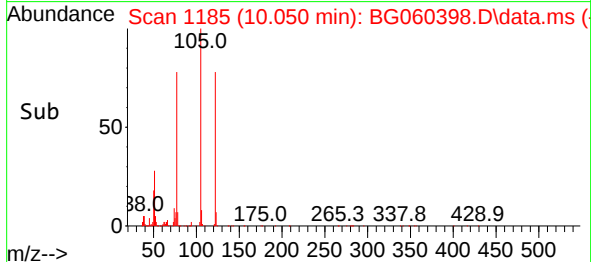
Instrument :
BNA_G
ClientSampleId :
PB158566BS



Tgt Ion:122 Resp: 40384
Ion Ratio Lower Upper
122 100
105 128.3 96.0 136.0
77 100.8 80.1 120.1

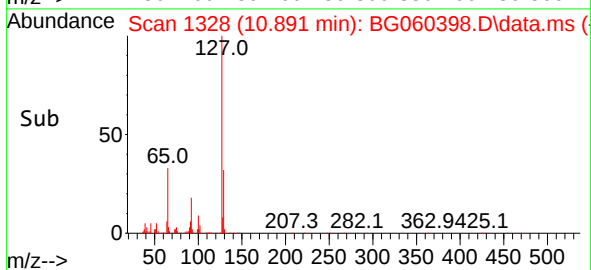
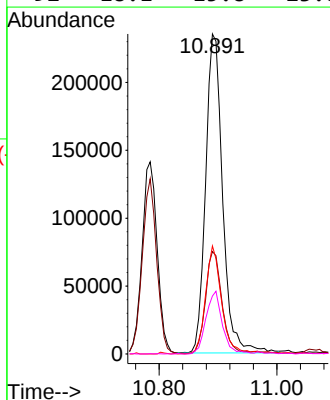
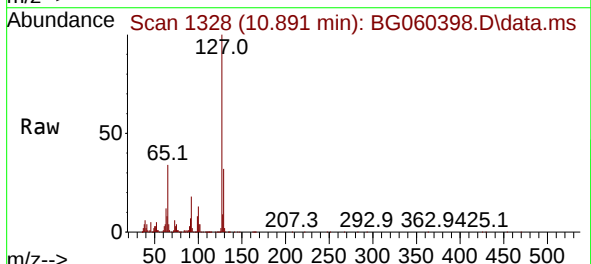
Manual Integrations
APPROVED

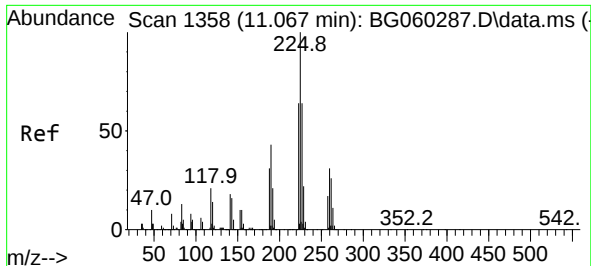
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#33
4-Chloroaniline
Concen: 26.605 ng
RT: 10.891 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:127 Resp: 472006
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 33.8 27.5 41.3
92 18.1 15.8 23.8





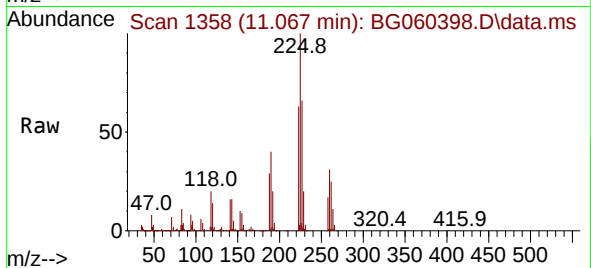
#34
Hexachlorobutadiene
Concen: 39.667 ng
RT: 11.067 min Scan# 11067
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

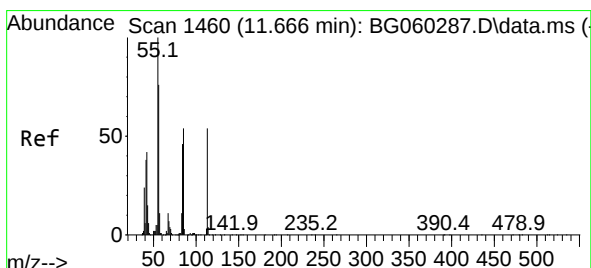
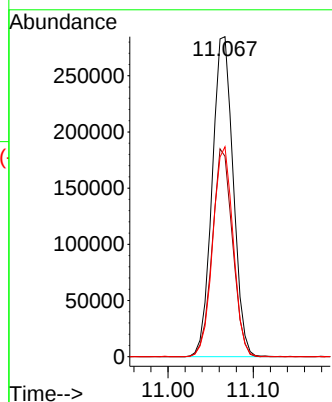
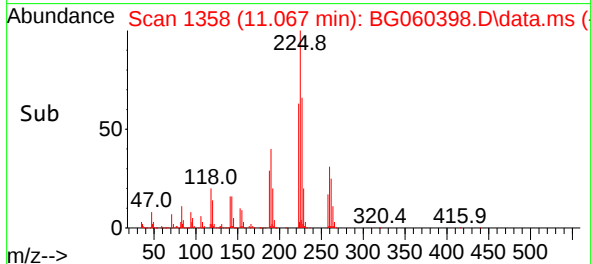


Tgt Ion:225 Resp: 488070
Ion Ratio Lower Upper
225 100
223 62.6 48.7 73.1
227 65.6 48.7 73.1

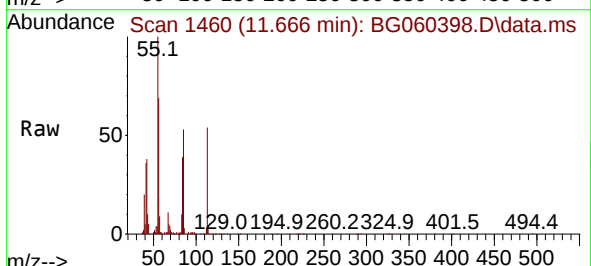
Manual Integrations

APPROVED

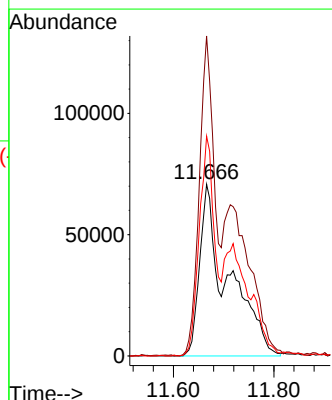
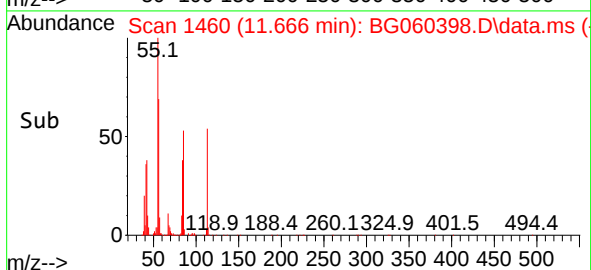
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

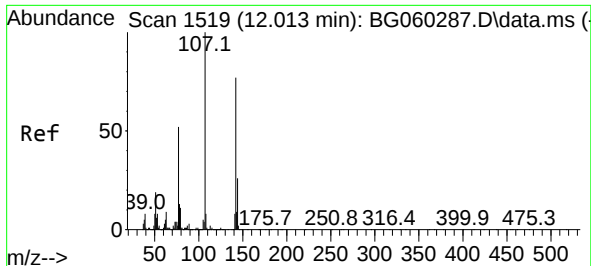


#35
Caprolactam
Concen: 56.522 ng m
RT: 11.666 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:113 Resp: 276388
Ion Ratio Lower Upper
113 100
55 186.3 166.4 206.4
56 128.0 121.0 161.0





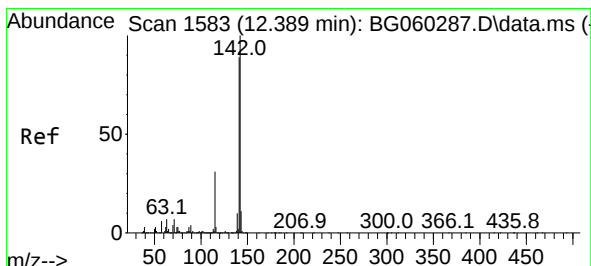
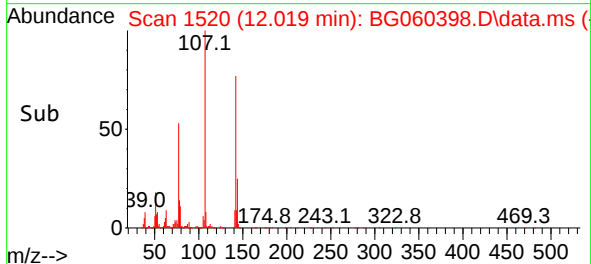
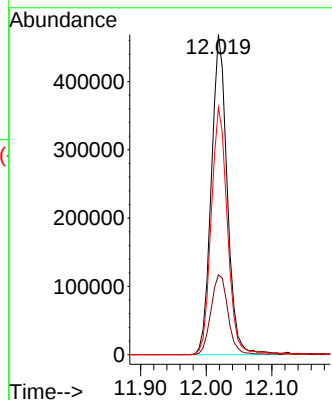
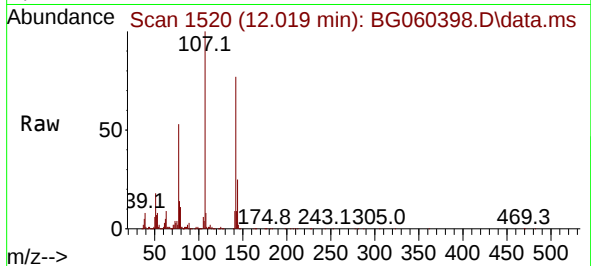
#36
4-Chloro-3-methylphenol
Concen: 51.148 ng
RT: 12.019 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :
BNA_G
ClientSampleId :
PB158566BS

Tgt Ion:107 Resp: 788879
Ion Ratio Lower Upper
107 100
144 25.0 20.6 31.0
142 77.3 61.5 92.3

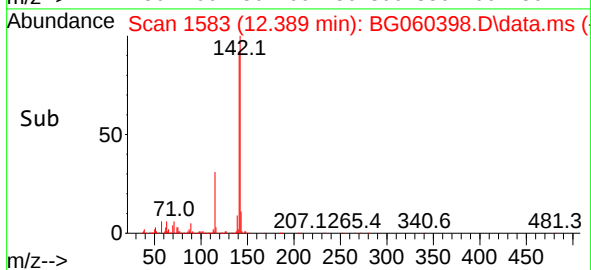
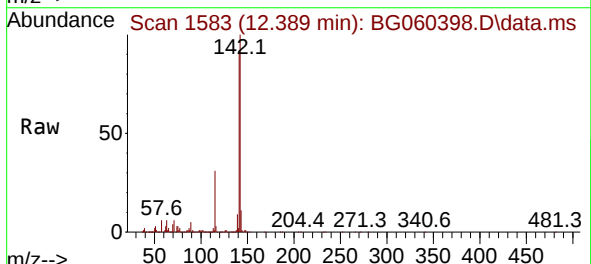
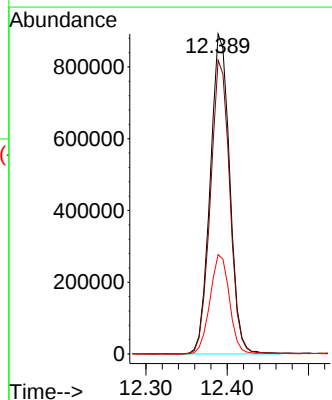
Manual Integrations
APPROVED

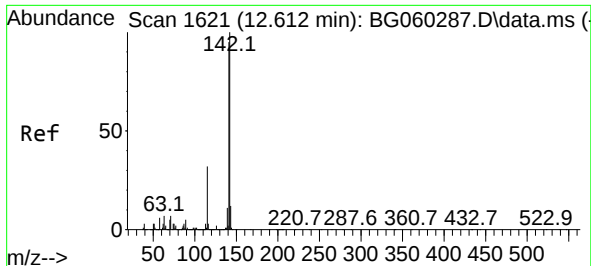
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#37
2-Methylnaphthalene
Concen: 43.485 ng
RT: 12.389 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:142 Resp: 1484980
Ion Ratio Lower Upper
142 100
141 91.8 71.0 106.4
115 31.0 24.7 37.1





#38
1-Methylnaphthalene
Concen: 41.036 ng
RT: 12.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

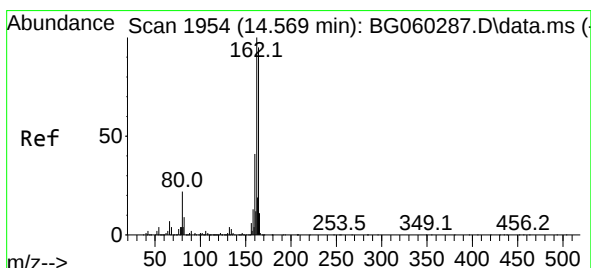
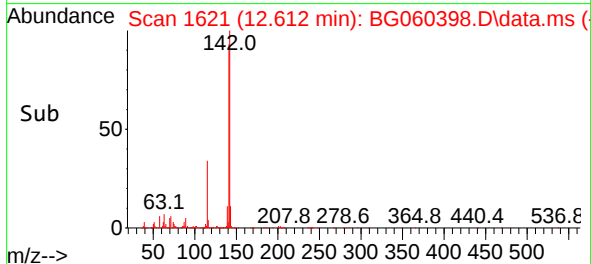
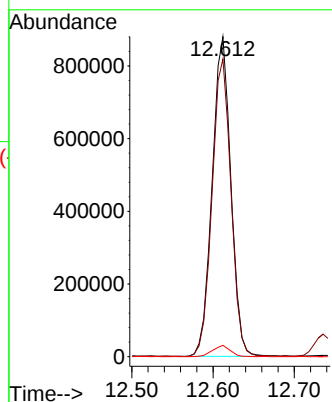
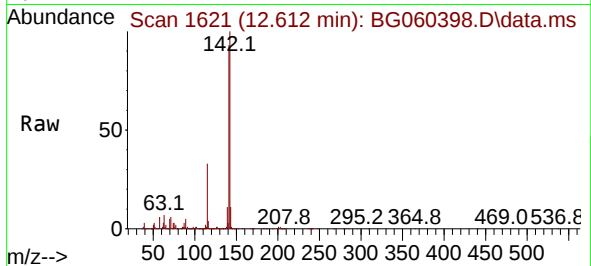
PB158566BS

Tgt Ion:142 Resp: 1407180
Ion Ratio Lower Upper
142 100
141 93.1 76.2 114.2
116 3.6 2.6 3.8

Manual Integrations

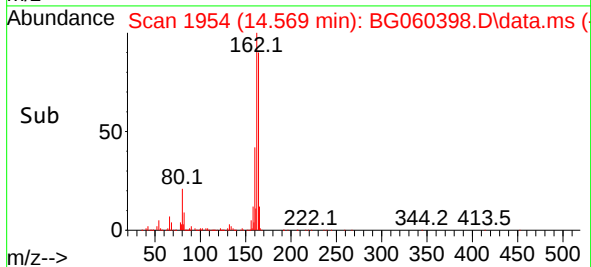
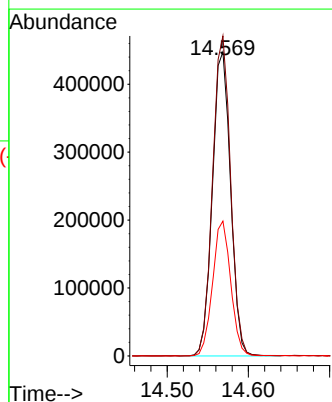
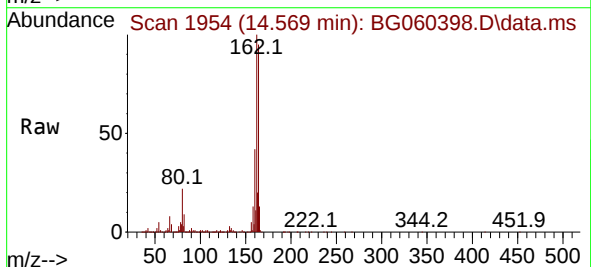
APPROVED

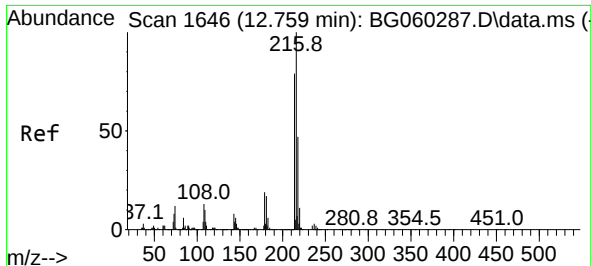
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:164 Resp: 694398
Ion Ratio Lower Upper
164 100
162 105.2 84.4 126.6
160 44.3 34.6 52.0





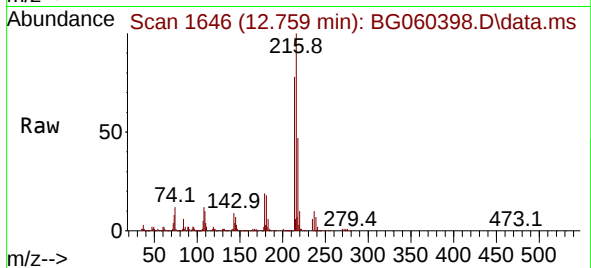
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.832 ng
RT: 12.759 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

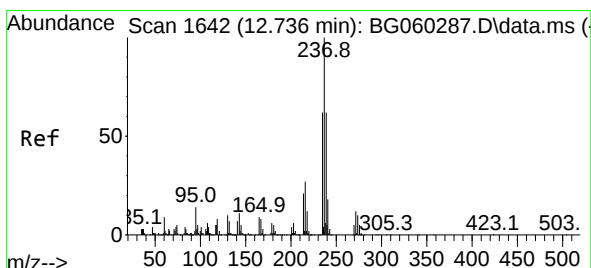
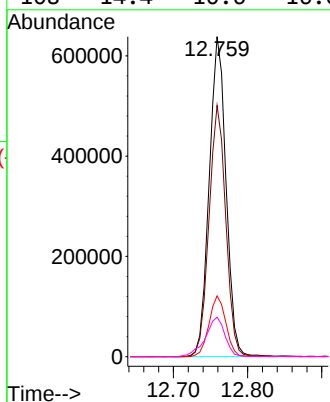
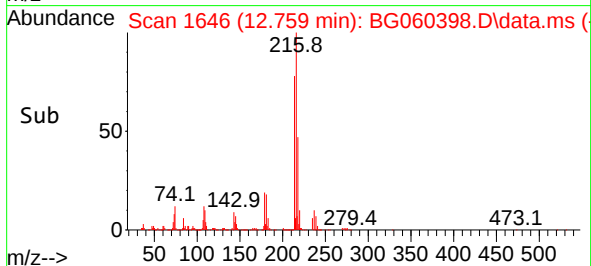


Tgt Ion:216 Resp: 1006980
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 19.0 14.8 22.2
108 14.4 10.6 16.0

Manual Integrations

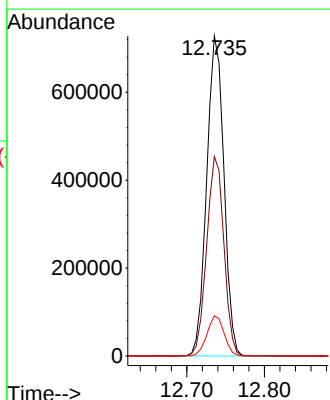
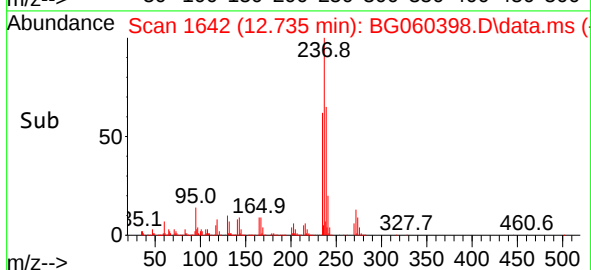
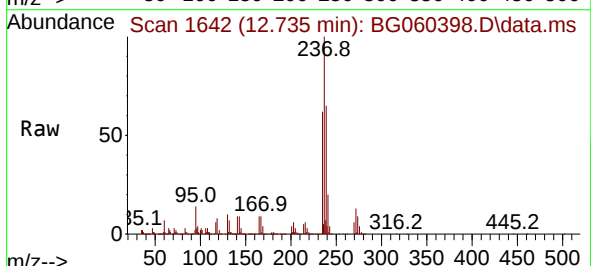
APPROVED

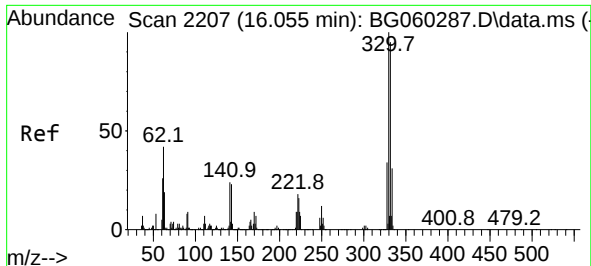
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#41
Hexachlorocyclopentadiene
Concen: 137.446 ng
RT: 12.735 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:237 Resp: 1125390
Ion Ratio Lower Upper
237 100
235 62.3 41.6 81.6
272 12.6 0.0 31.8





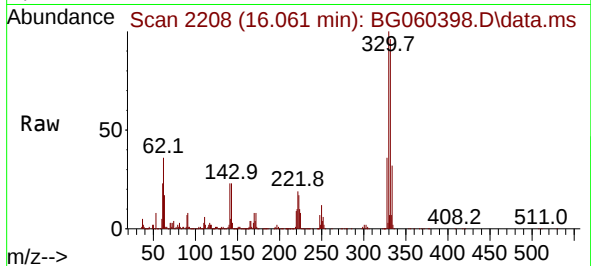
#42
2,4,6-Tribromophenol
Concen: 144.379 ng
RT: 16.061 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

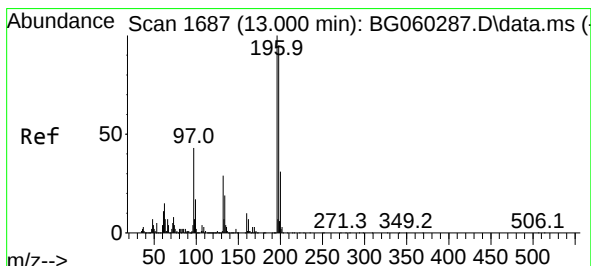
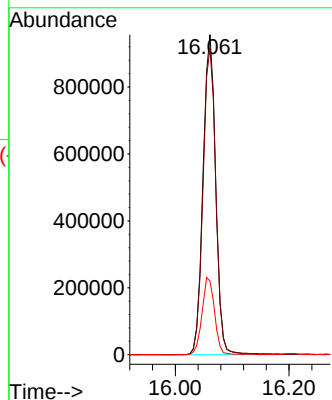
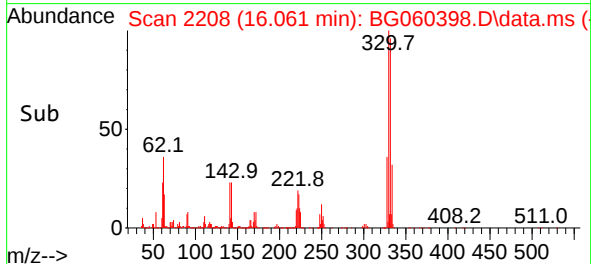


Tgt Ion:330 Resp: 1475058
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 23.9 18.6 28.0

Manual Integrations

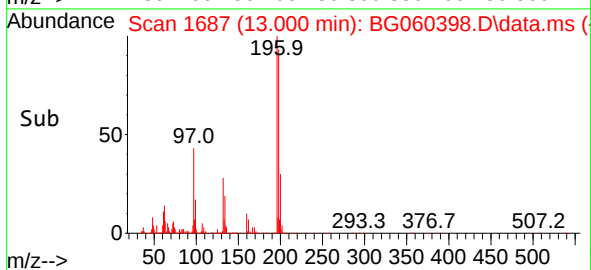
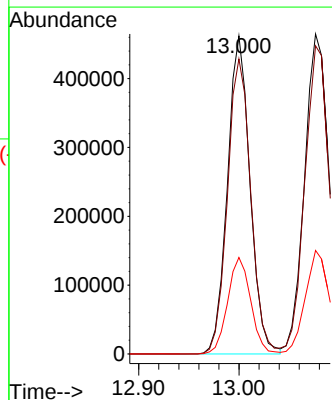
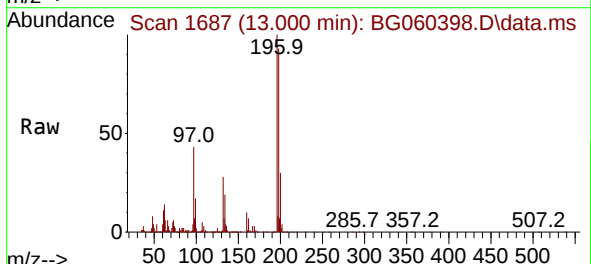
APPROVED

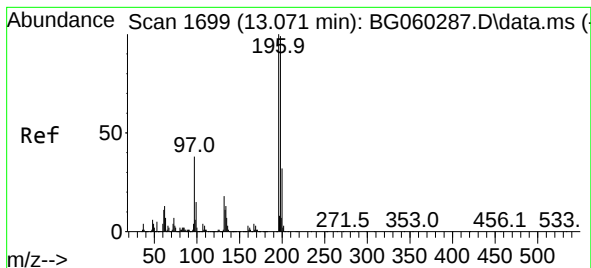
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#43
2,4,6-Trichlorophenol
Concen: 45.971 ng
RT: 13.000 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:196 Resp: 721490
Ion Ratio Lower Upper
196 100
198 92.7 75.7 113.5
200 30.3 24.7 37.1





#44
2,4,5-Trichlorophenol
Concen: 46.827 ng
RT: 13.076 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

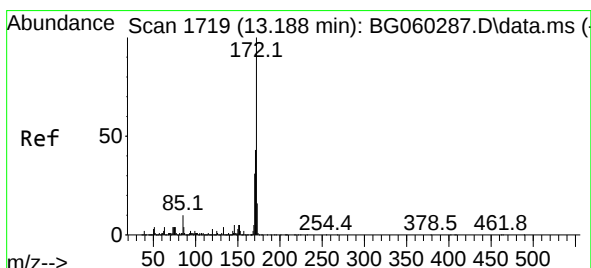
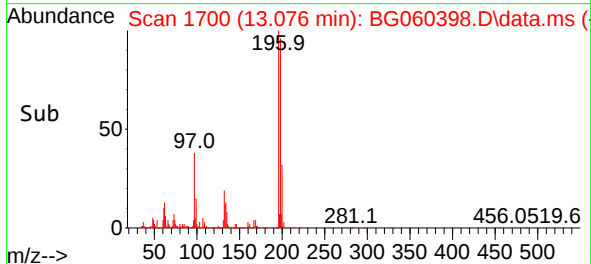
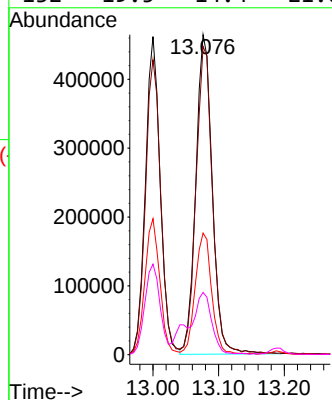
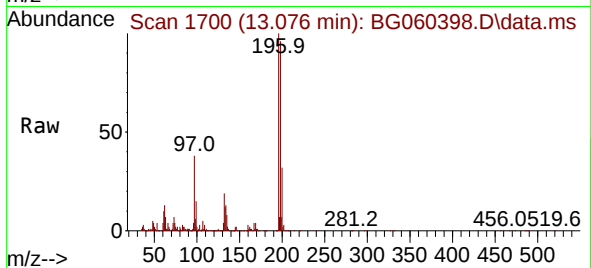
PB158566BS

Tgt Ion:196 Resp: 810610
Ion Ratio Lower Upper
196 100
198 96.3 78.6 118.0
97 38.0 30.6 46.0
132 19.5 14.4 21.6

Manual Integrations

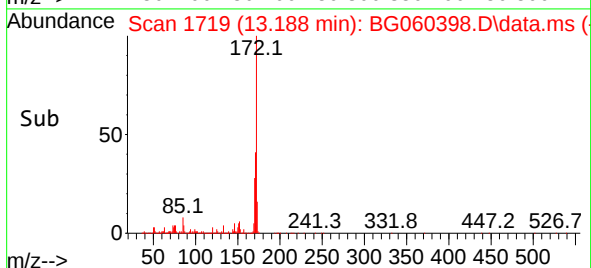
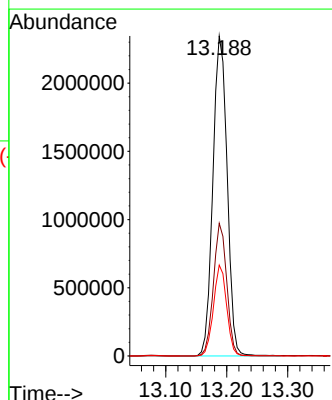
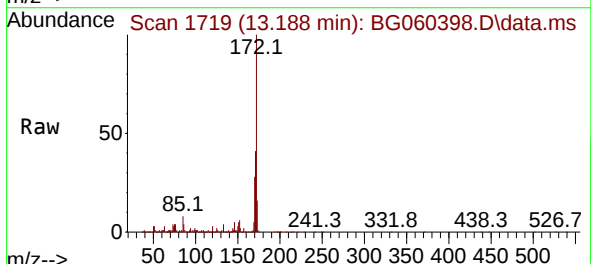
APPROVED

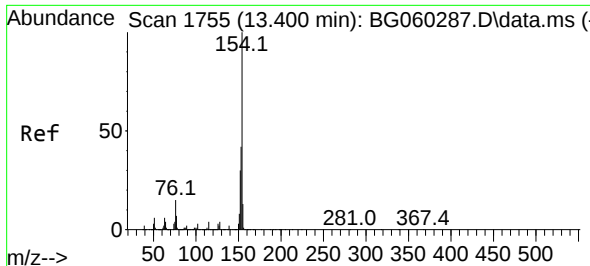
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#45
2-Fluorobiphenyl
Concen: 76.317 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:172 Resp: 3811684
Ion Ratio Lower Upper
172 100
171 41.4 34.6 51.8
170 28.4 24.4 36.6





#46
1,1'-Biphenyl
Concen: 41.920 ng
RT: 13.399 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

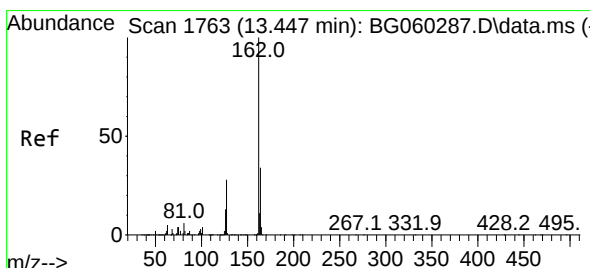
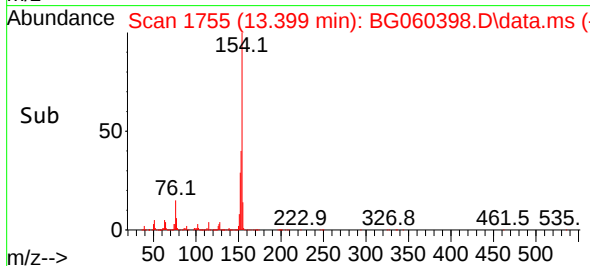
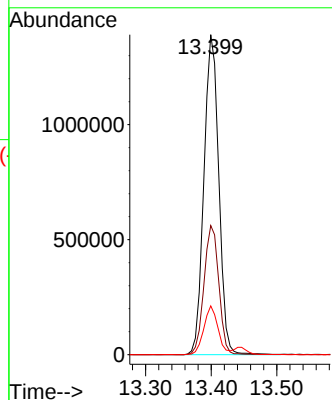
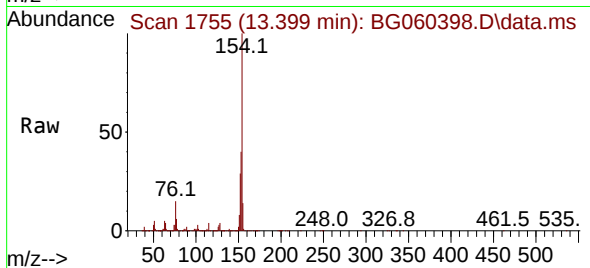
PB158566BS

Tgt Ion:154 Resp: 2197280
Ion Ratio Lower Upper
154 100
153 40.4 22.0 62.0
76 15.2 0.0 35.2

Manual Integrations

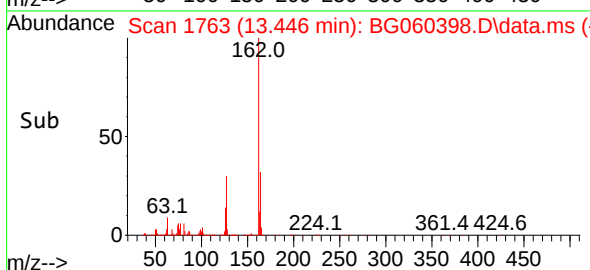
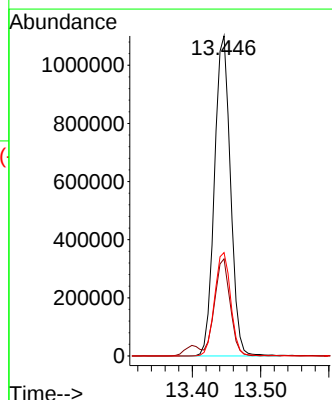
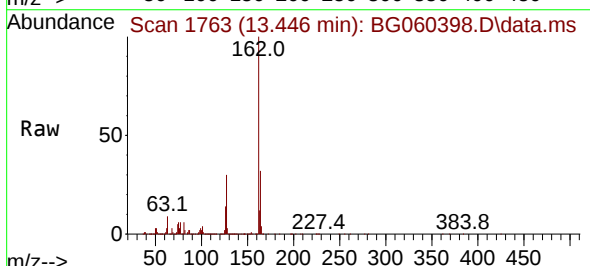
APPROVED

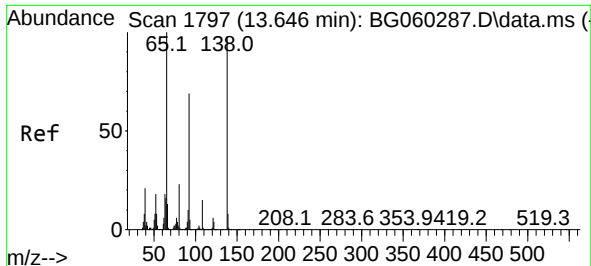
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#47
2-Chloronaphthalene
Concen: 40.091 ng
RT: 13.446 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

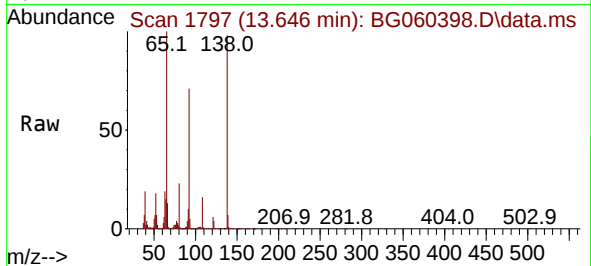
Tgt Ion:162 Resp: 1800239
Ion Ratio Lower Upper
162 100
127 30.4 23.5 35.3
164 32.3 26.9 40.3





#48
2-Nitroaniline
Concen: 50.982 ng
RT: 13.646 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

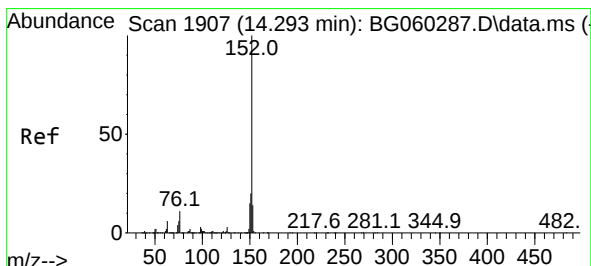
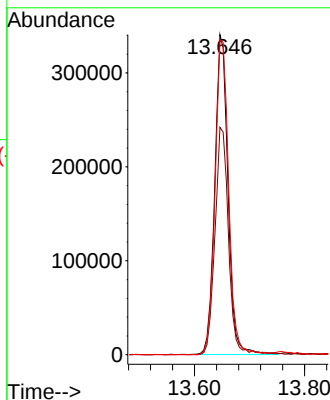
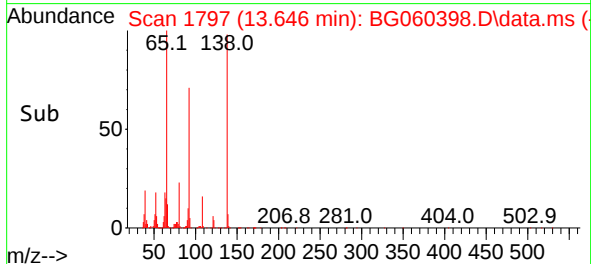
Instrument :
BNA_G
ClientSampleId :
PB158566BS



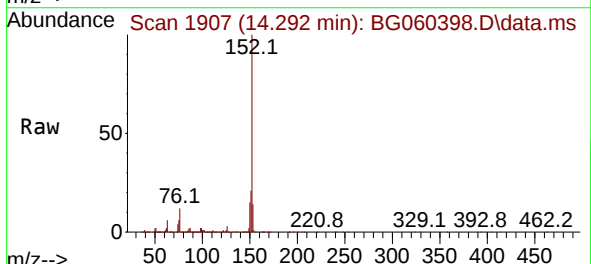
Tgt Ion: 65 Resp: 57012
Ion Ratio Lower Upper
65 100
92 71.1 55.0 82.6
138 98.4 78.1 117.1

Manual Integrations
APPROVED

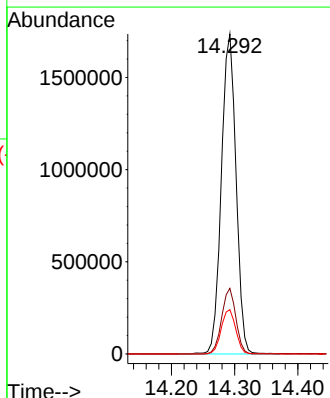
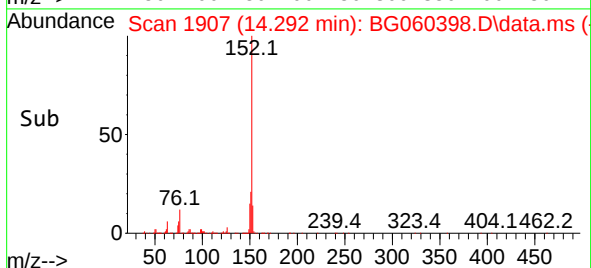
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

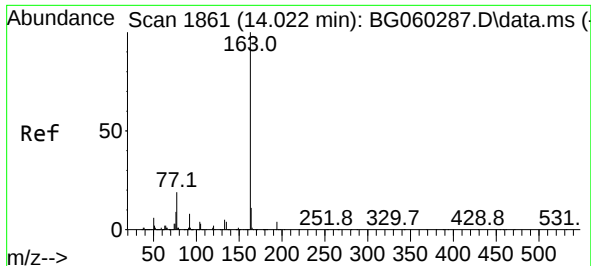


#49
Acenaphthylene
Concen: 45.334 ng
RT: 14.292 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:152 Resp: 2803246
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.8 11.5 17.3





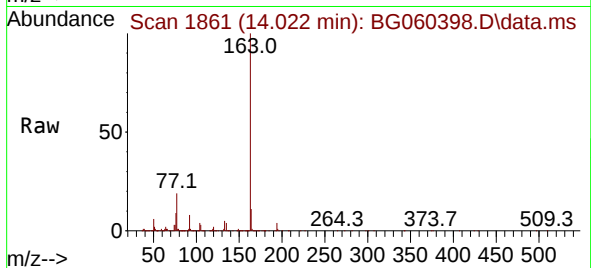
#50
Dimethylphthalate
Concen: 45.743 ng
RT: 14.022 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

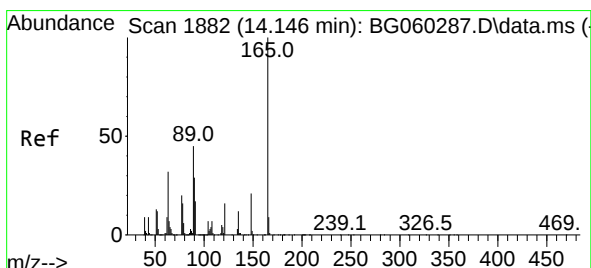
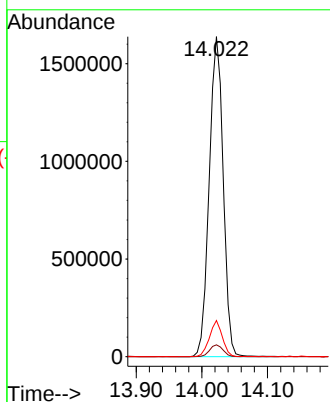
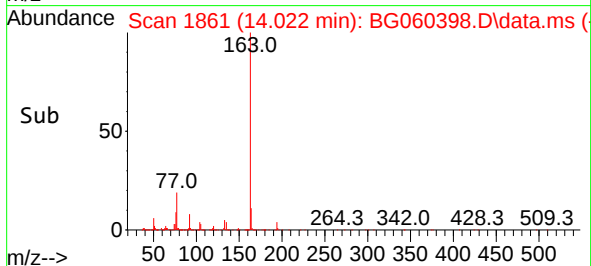


Tgt Ion:163 Resp: 2427354
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.3 8.8 13.2

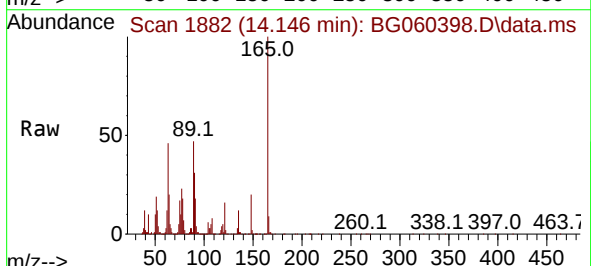
Manual Integrations

APPROVED

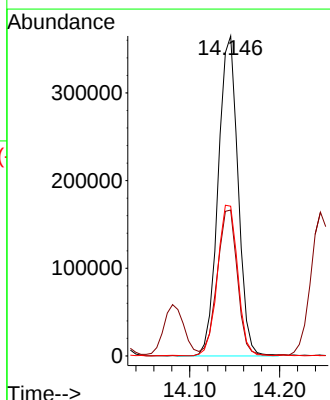
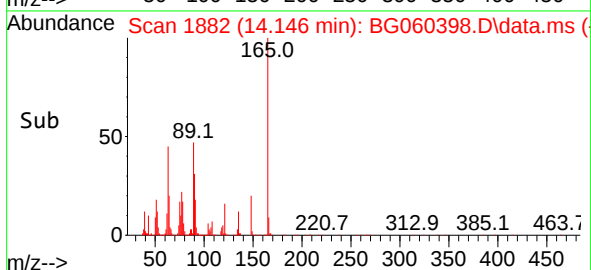
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

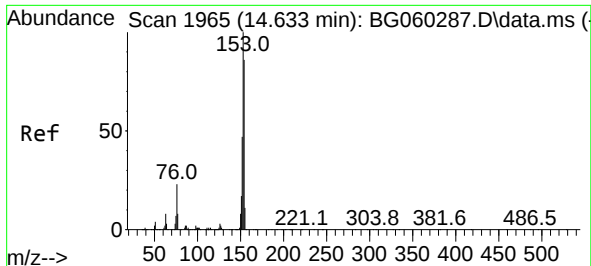


#51
2,6-Dinitrotoluene
Concen: 49.387 ng
RT: 14.146 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:165 Resp: 559213
Ion Ratio Lower Upper
165 100
63 45.6 35.0 52.4
89 46.8 36.2 54.2





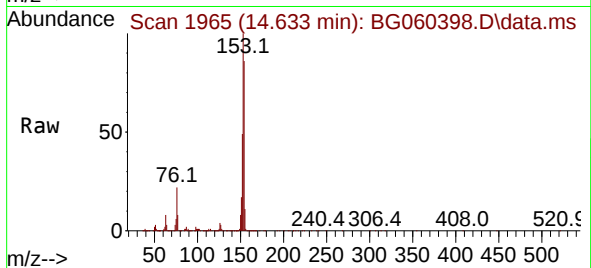
#52
Acenaphthene
Concen: 43.699 ng
RT: 14.633 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

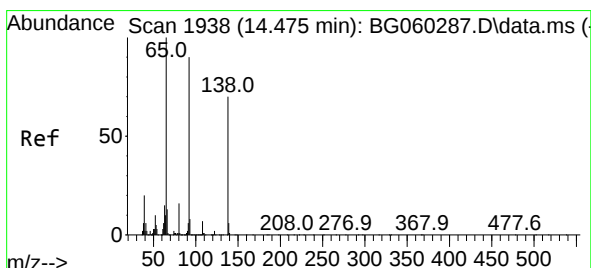
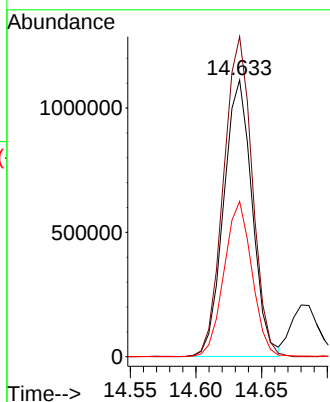
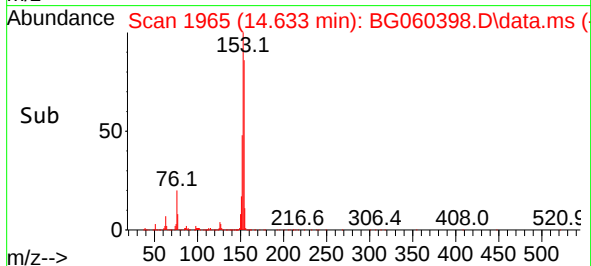


Tgt Ion:154 Resp: 168258
Ion Ratio Lower Upper
154 100
153 115.7 92.6 138.8
152 56.2 43.8 65.8

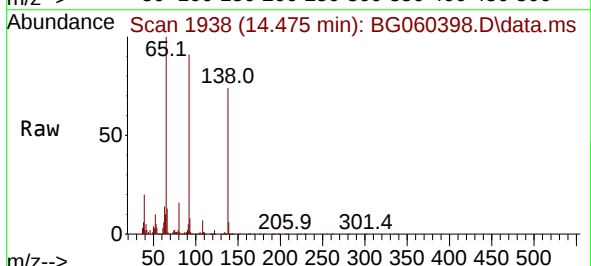
Manual Integrations

APPROVED

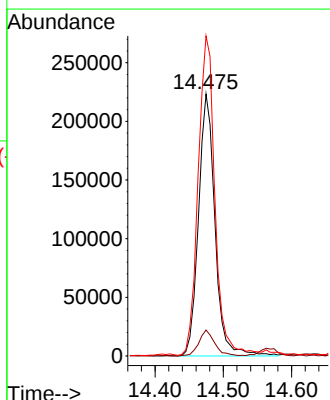
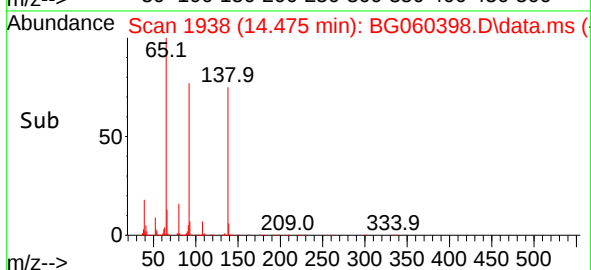
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

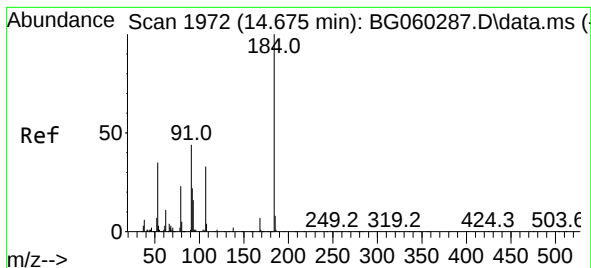


#53
3-Nitroaniline
Concen: 36.396 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:138 Resp: 375516
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.8
92 122.2 102.4 153.6





#54
2,4-Dinitrophenol
Concen: 98.636 ng
RT: 14.680 min Scan# 1972
Delta R.T. 0.005 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

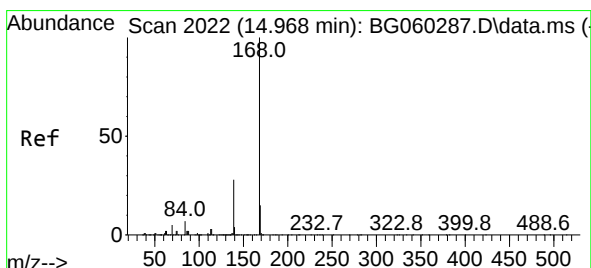
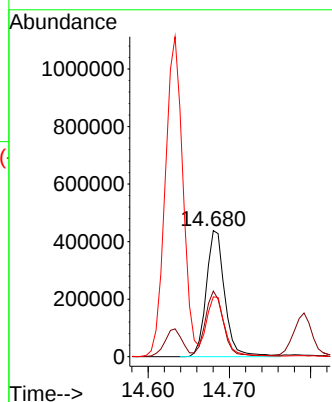
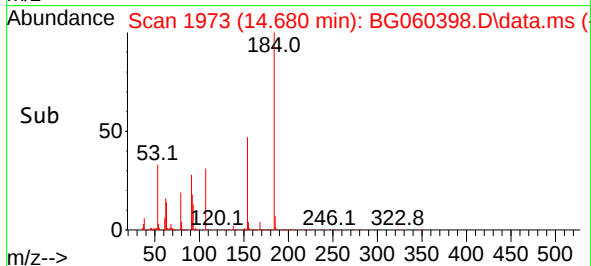
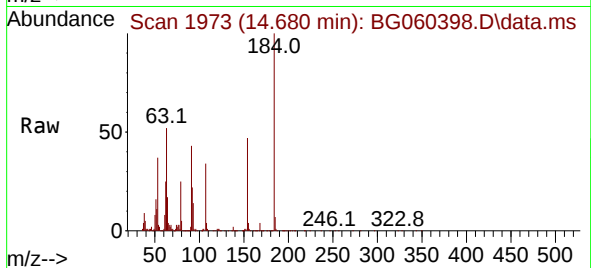
PB158566BS

Tgt Ion:184 Resp: 69254
Ion Ratio Lower Upper
184 100
63 52.1 41.0 61.4
154 47.5 39.2 58.8

Manual Integrations

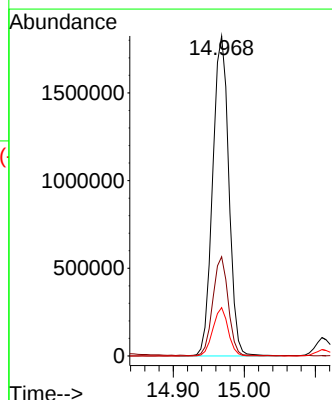
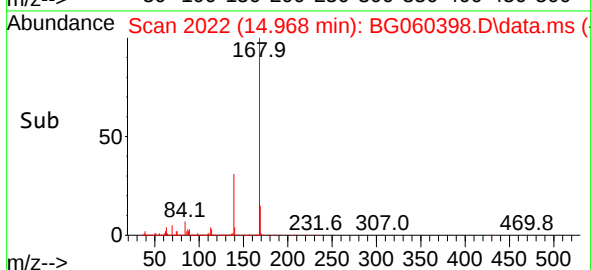
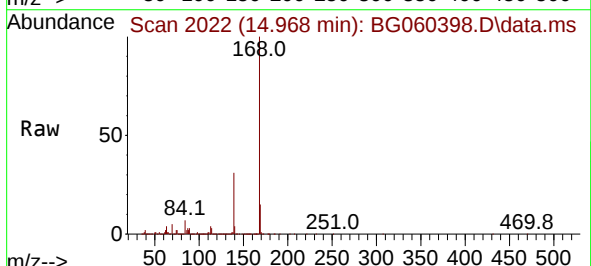
APPROVED

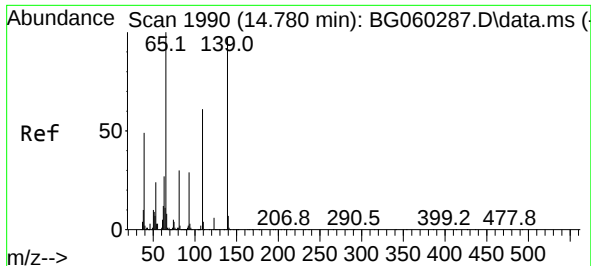
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#55
Dibenzofuran
Concen: 44.771 ng
RT: 14.968 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:168 Resp: 2877714
Ion Ratio Lower Upper
168 100
139 31.0 22.6 34.0
169 15.1 12.1 18.1





#56
4-Nitrophenol
Concen: 120.088 ng
RT: 14.792 min Scan# 1990
Delta R.T. 0.011 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

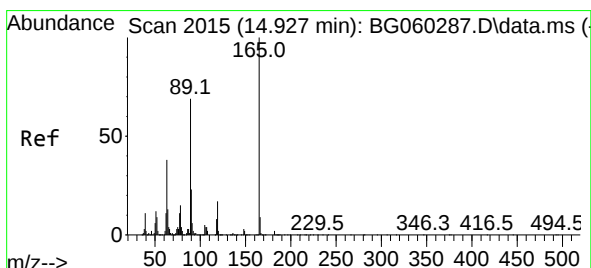
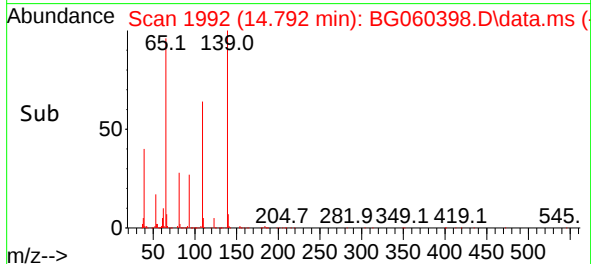
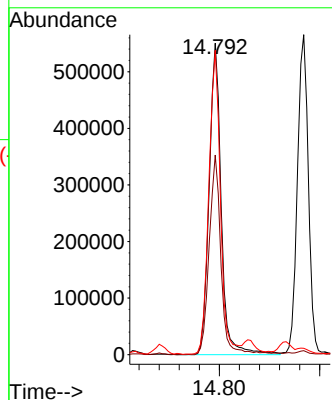
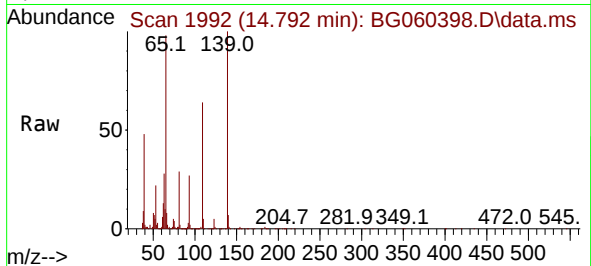
PB158566BS

Tgt Ion:139 Resp: 91901
Ion Ratio Lower Upper
139 100
109 64.1 42.2 82.2
65 97.7 83.3 123.3

Manual Integrations

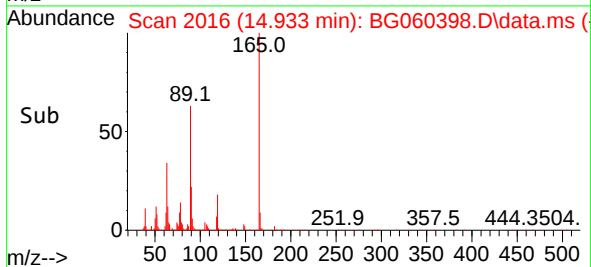
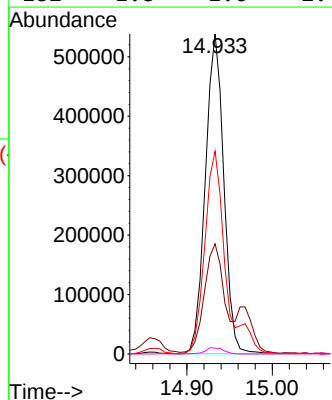
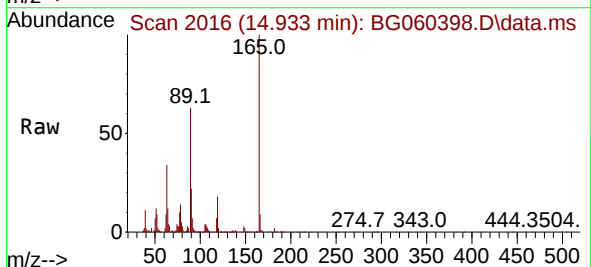
APPROVED

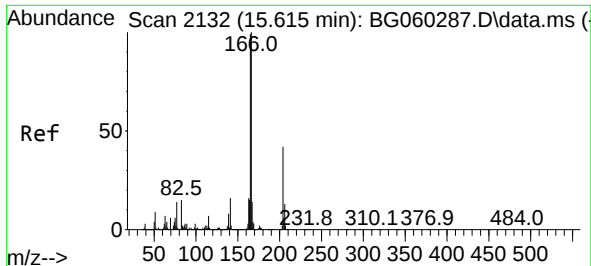
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#57
2,4-Dinitrotoluene
Concen: 52.075 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:165 Resp: 808570
Ion Ratio Lower Upper
165 100
63 34.4 30.4 45.6
89 63.3 55.4 83.0
182 1.8 1.6 2.4





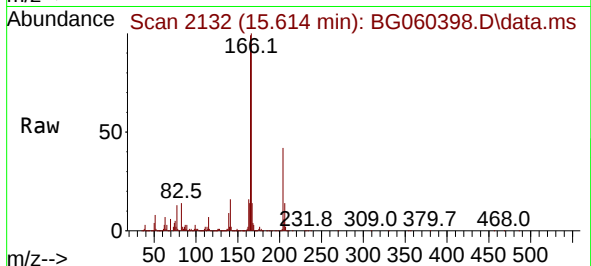
#58
Fluorene
Concen: 44.985 ng
RT: 15.614 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

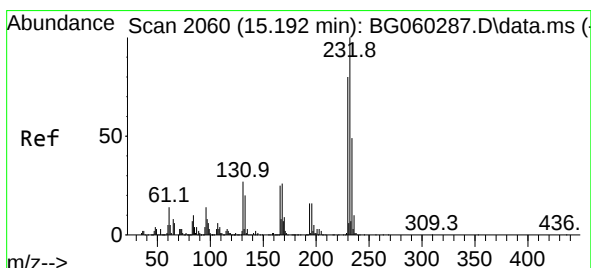
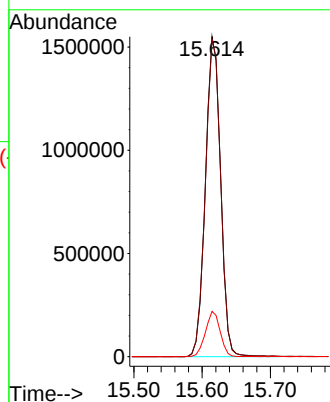
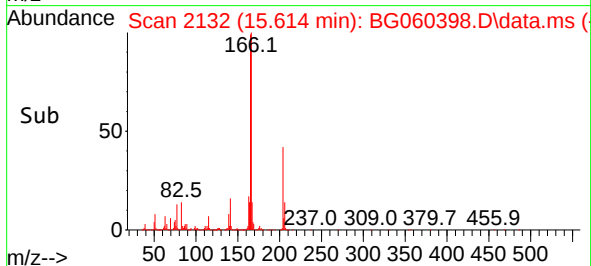


Tgt Ion:166 Resp: 239446
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.6
167 14.2 11.4 17.0

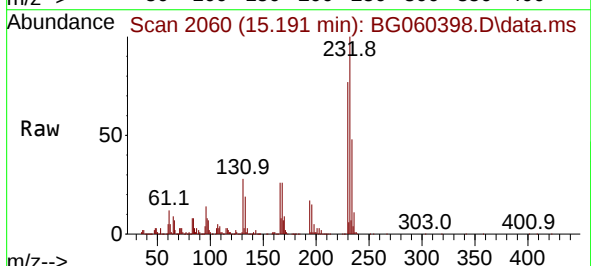
Manual Integrations

APPROVED

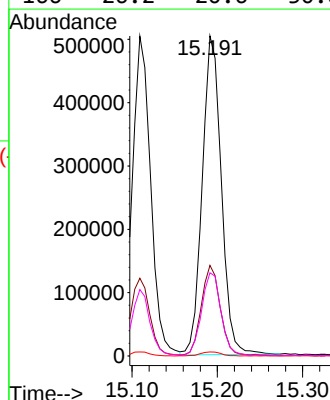
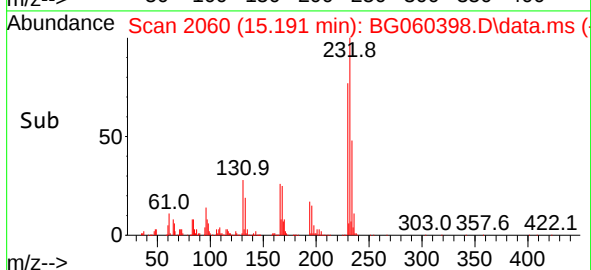
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

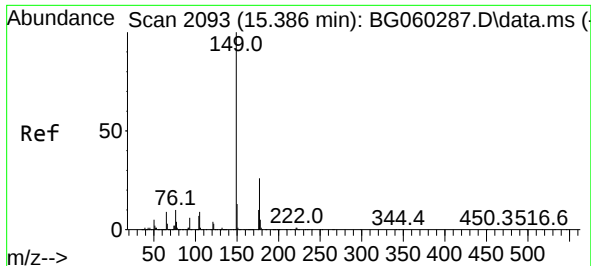


#59
2,3,4,6-Tetrachlorophenol
Concen: 53.214 ng
RT: 15.191 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:232 Resp: 782227
Ion Ratio Lower Upper
232 100
131 27.9 22.7 34.1
130 1.4 1.1 1.7
166 26.2 20.6 30.8





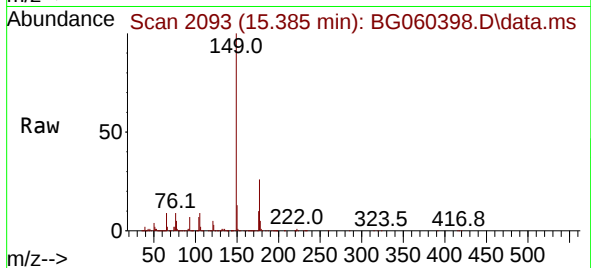
#60
Diethylphthalate
Concen: 47.921 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

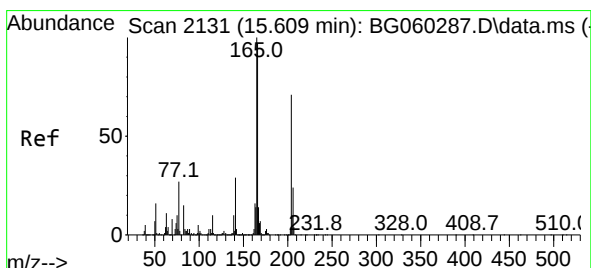
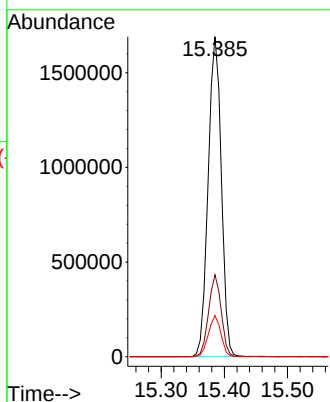
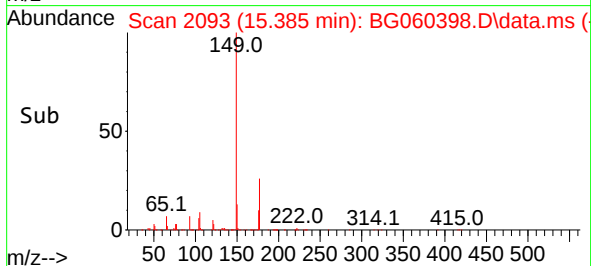


Tgt Ion:149 Resp: 2441264
Ion Ratio Lower Upper
149 100
177 25.6 20.9 31.3
150 12.8 10.2 15.2

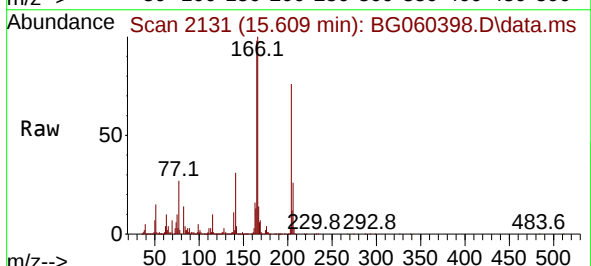
Manual Integrations

APPROVED

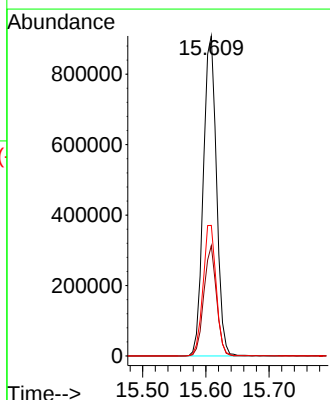
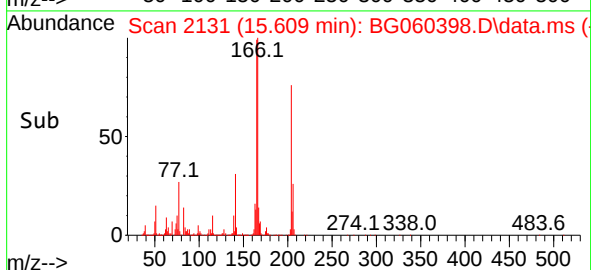
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

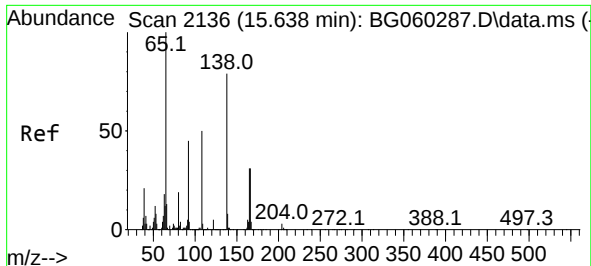


#61
4-Chlorophenyl-phenylether
Concen: 44.765 ng
RT: 15.609 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:204 Resp: 1312613
Ion Ratio Lower Upper
204 100
206 34.5 27.1 40.7
141 40.8 32.2 48.2





#62
4-Nitroaniline
Concen: 52.746 ng
RT: 15.644 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

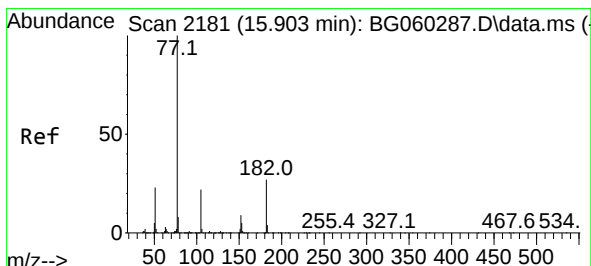
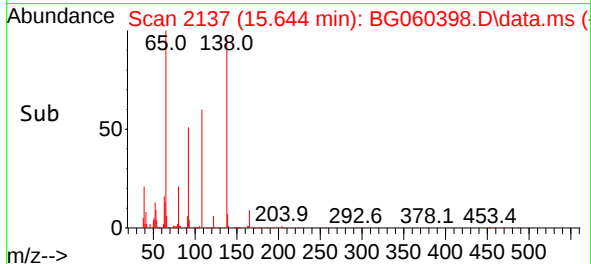
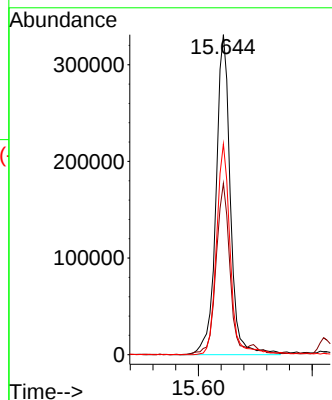
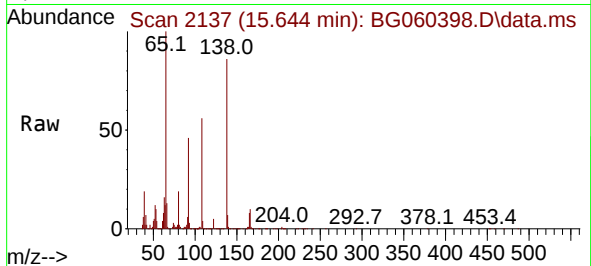
PB158566BS

Tgt Ion:138 Resp: 579208
Ion Ratio Lower Upper
138 100
92 53.6 37.0 77.0
108 65.8 43.1 83.1

Manual Integrations

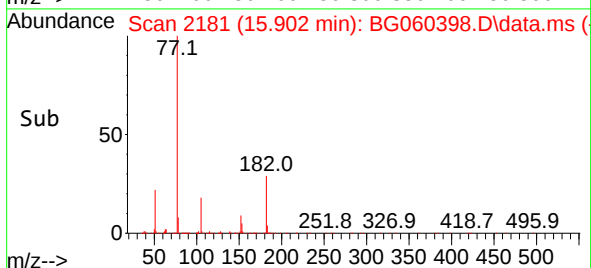
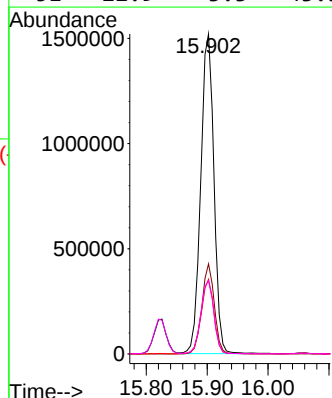
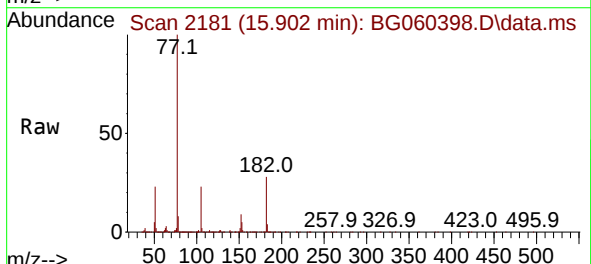
APPROVED

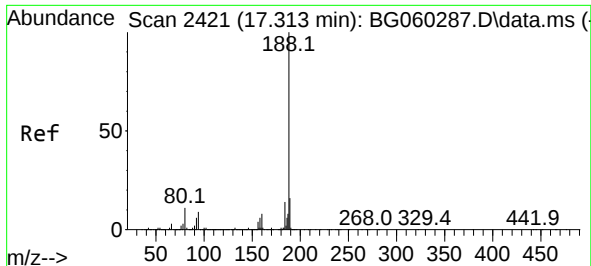
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#63
Azobenzene
Concen: 44.365 ng
RT: 15.902 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion: 77 Resp: 2285987
Ion Ratio Lower Upper
77 100
182 28.2 6.5 46.5
105 23.4 1.8 41.8
51 22.9 3.3 43.3





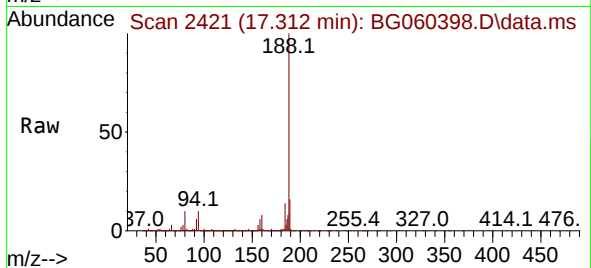
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

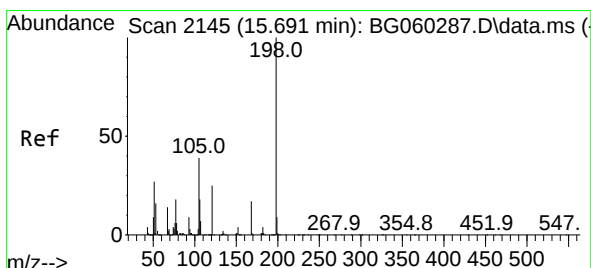
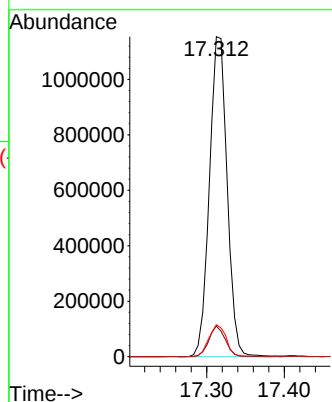
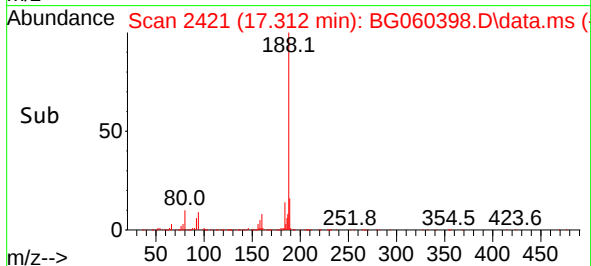


Tgt Ion:188 Resp: 183341
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.0 8.5 12.7

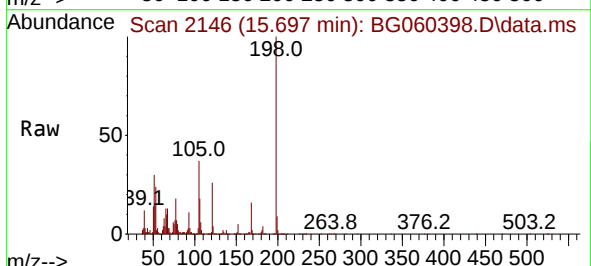
Manual Integrations

APPROVED

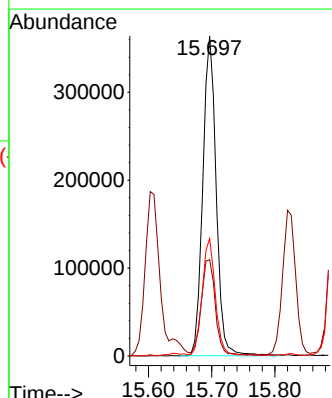
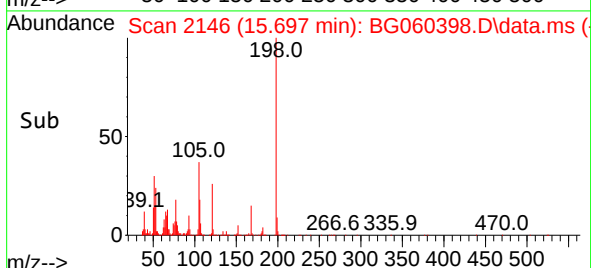
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

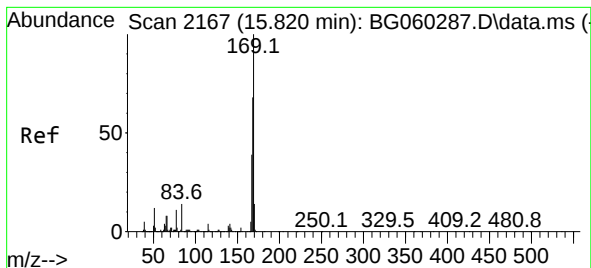


#65
4,6-Dinitro-2-methylphenol
Concen: 52.795 ng
RT: 15.697 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:198 Resp: 535490
Ion Ratio Lower Upper
198 100
51 30.1 11.8 51.8
105 36.7 20.3 60.3





#66

n-Nitrosodiphenylamine

Concen: 45.645 ng

RT: 15.826 min Scan# 2167

Delta R.T. 0.006 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

Tgt Ion:169 Resp: 222207

Ion Ratio Lower Upper

169 100

168 69.2 54.4 81.6

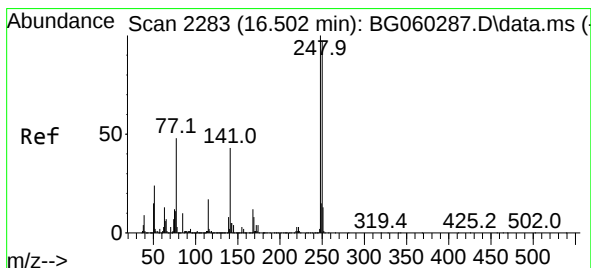
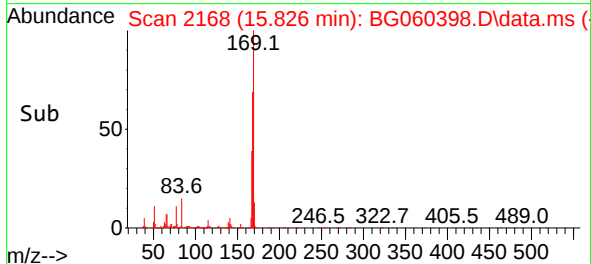
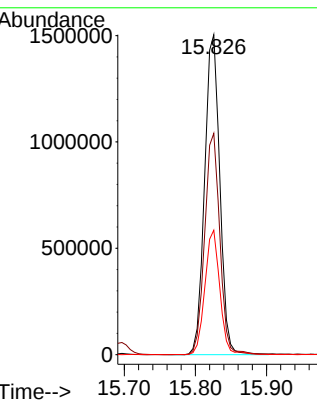
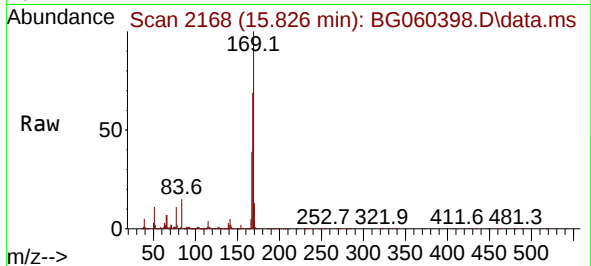
167 38.9 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#67

4-Bromophenyl-phenylether

Concen: 44.764 ng

RT: 16.502 min Scan# 2283

Delta R.T. -0.000 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

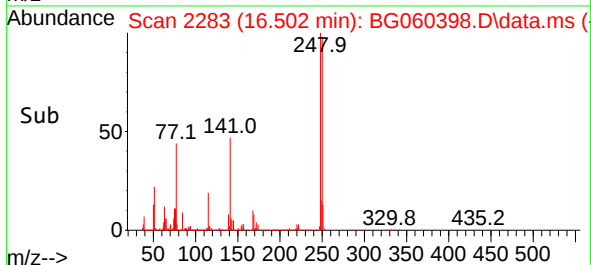
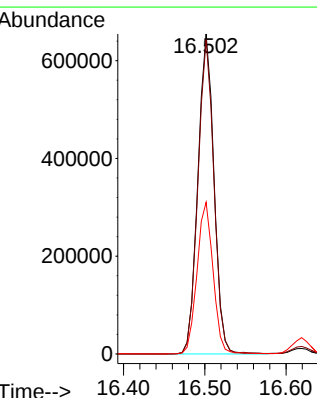
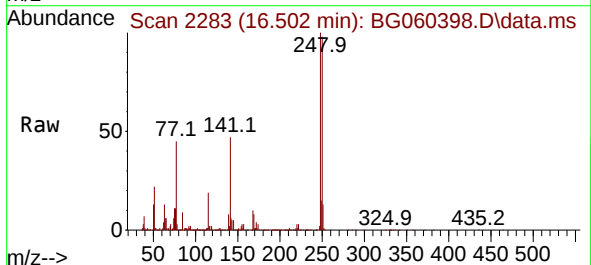
Tgt Ion:248 Resp: 901797

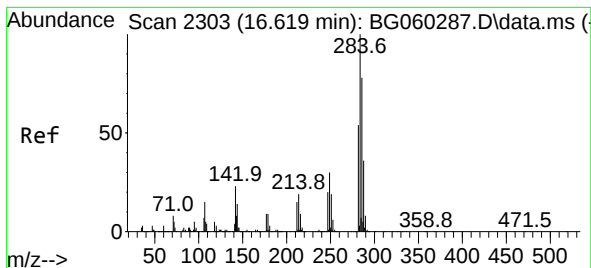
Ion Ratio Lower Upper

248 100

250 98.3 77.6 116.4

141 47.4 34.2 51.4





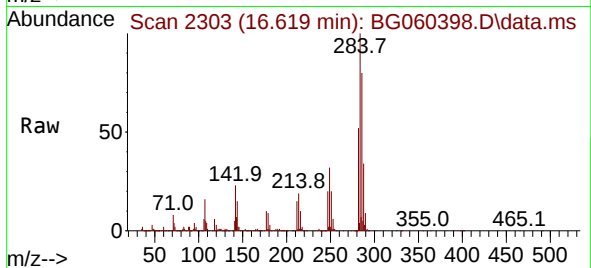
#68
Hexachlorobenzene
Concen: 42.824 ng
RT: 16.619 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

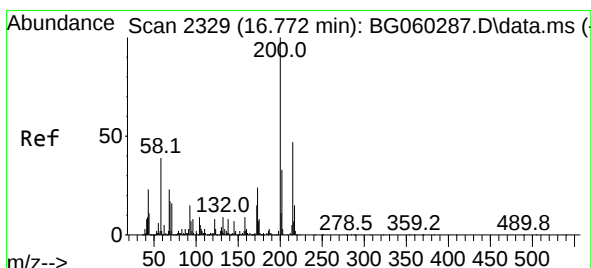
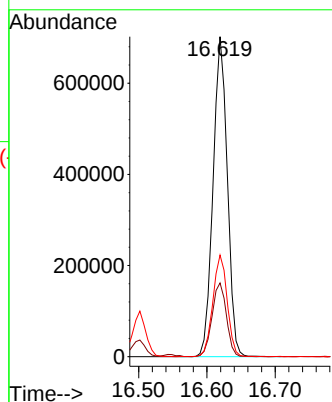
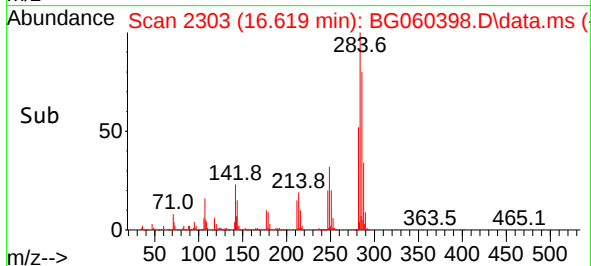


Tgt Ion:284 Resp: 102119
Ion Ratio Lower Upper
284 100
142 23.1 18.2 27.4
249 31.8 24.3 36.5

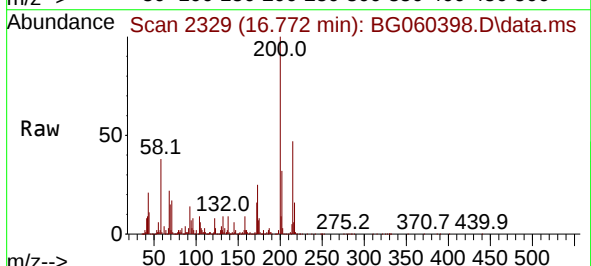
Manual Integrations

APPROVED

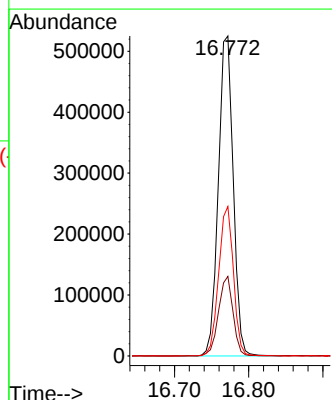
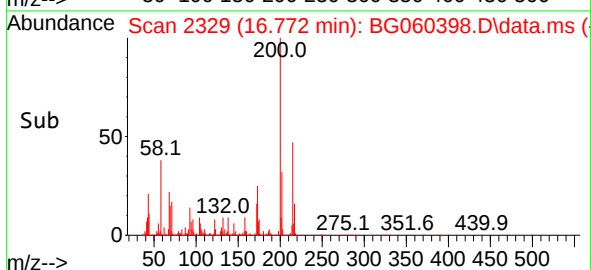
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024

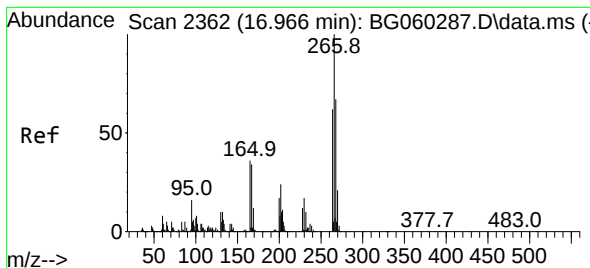


#69
Atrazine
Concen: 39.911 ng
RT: 16.772 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07



Tgt Ion:200 Resp: 732628
Ion Ratio Lower Upper
200 100
173 24.8 4.1 44.1
215 46.7 27.4 67.4





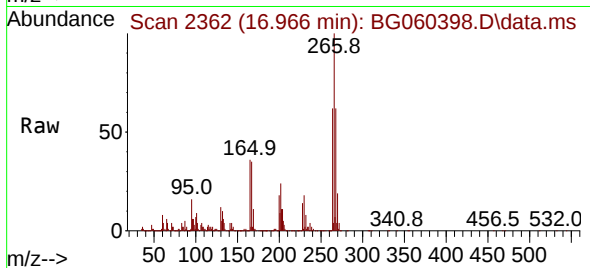
#70
Pentachlorophenol
Concen: 95.040 ng
RT: 16.966 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

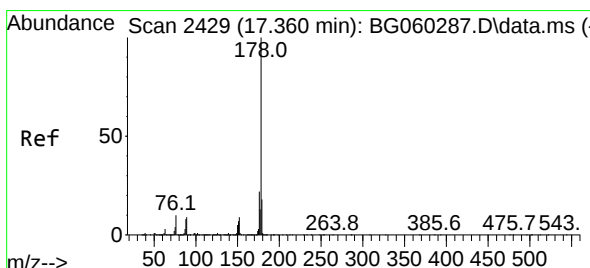
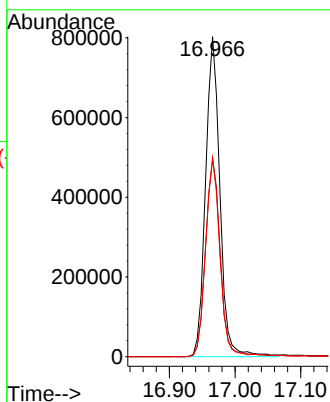
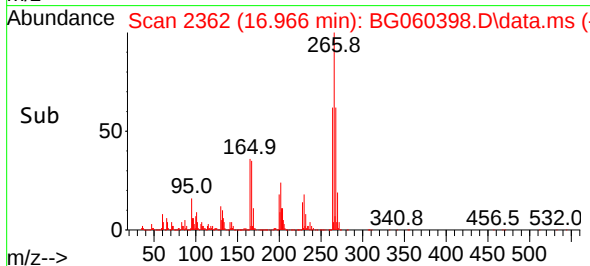


Tgt Ion:266 Resp: 122162
Ion Ratio Lower Upper
266 100
268 61.9 57.4 86.2
264 62.1 49.8 74.8

Manual Integrations

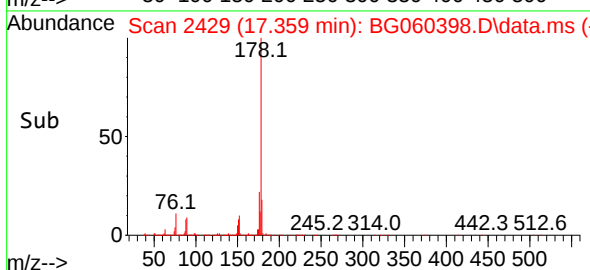
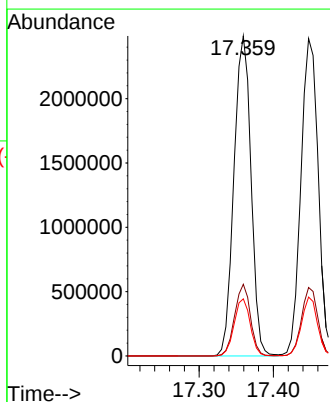
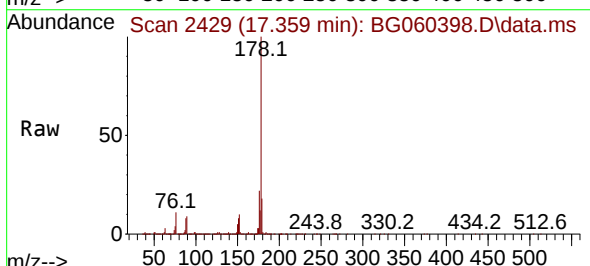
APPROVED

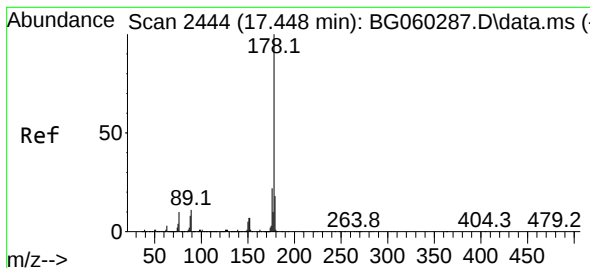
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#71
Phenanthrene
Concen: 44.862 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

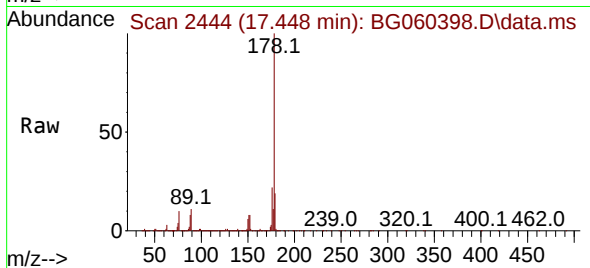
Tgt Ion:178 Resp: 3975629
Ion Ratio Lower Upper
178 100
176 22.4 17.4 26.2
179 17.8 14.7 22.1





#72
 Anthracene
 Concen: 45.196 ng
 RT: 17.448 min Scan# 2444
 Delta R.T. -0.000 min
 Lab File: BG060398.D
 Acq: 23 Jan 2024 11:07

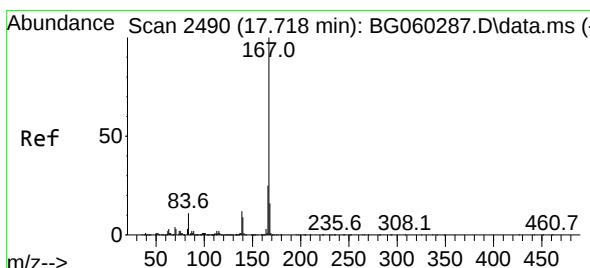
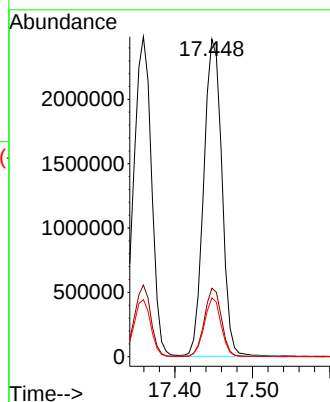
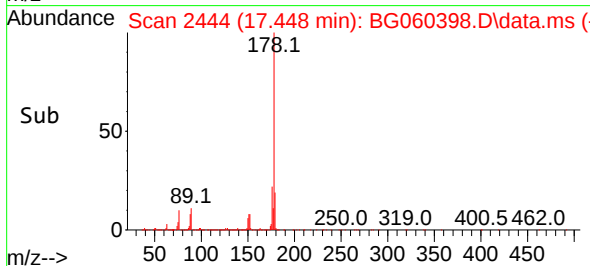
Instrument :
 BNA_G
 ClientSampleId :
 PB158566BS



Tgt Ion:178 Resp: 3998778
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.8 26.6
 179 18.6 14.1 21.1

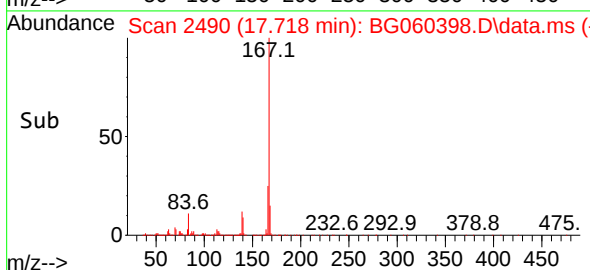
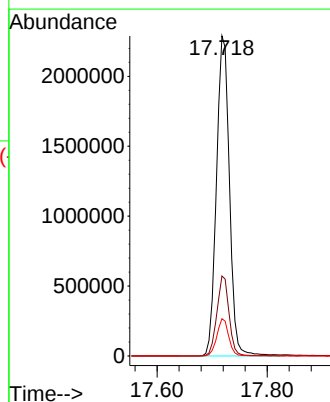
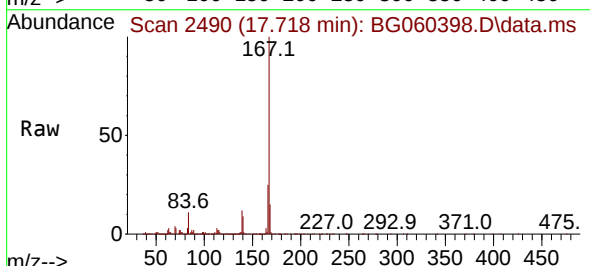
Manual Integrations
 APPROVED

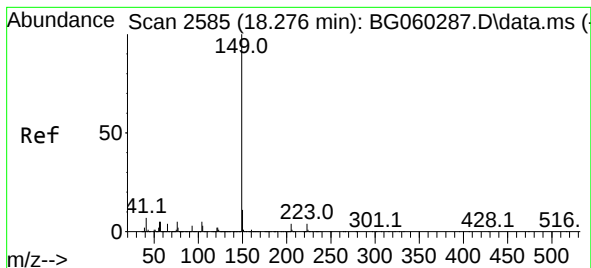
Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024



#73
 Carbazole
 Concen: 45.010 ng
 RT: 17.718 min Scan# 2490
 Delta R.T. -0.000 min
 Lab File: BG060398.D
 Acq: 23 Jan 2024 11:07

Tgt Ion:167 Resp: 3754327
 Ion Ratio Lower Upper
 167 100
 166 25.0 19.8 29.8
 139 11.6 9.3 13.9





#74
Di-n-butylphthalate
Concen: 45.703 ng
RT: 18.276 min Scan# 2585
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

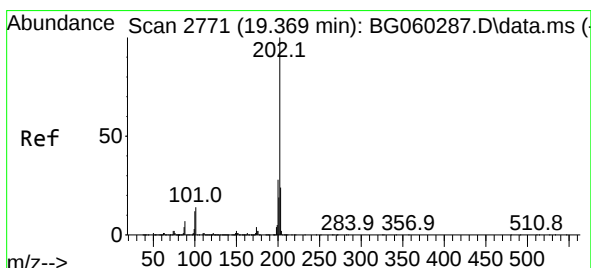
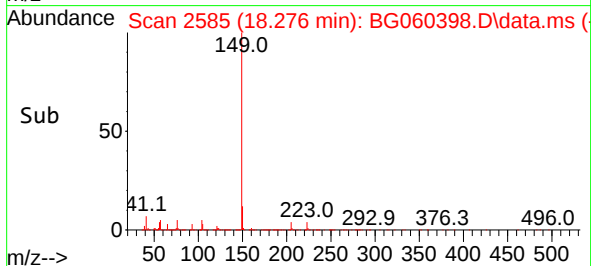
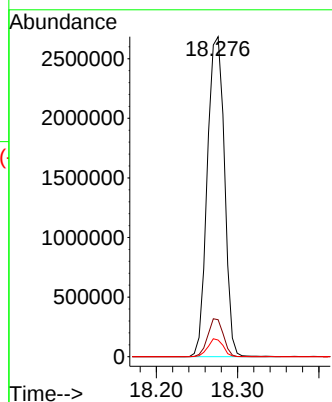
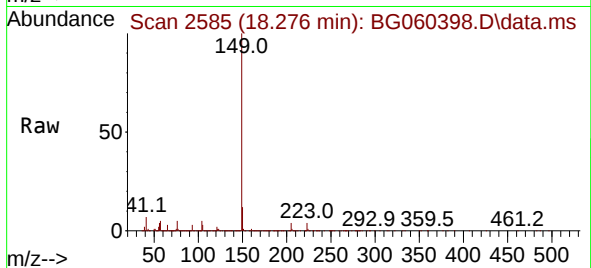
PB158566BS

Tgt Ion:149 Resp: 3922450
Ion Ratio Lower Upper
149 100
150 11.6 9.1 13.7
104 5.2 4.3 6.5

Manual Integrations

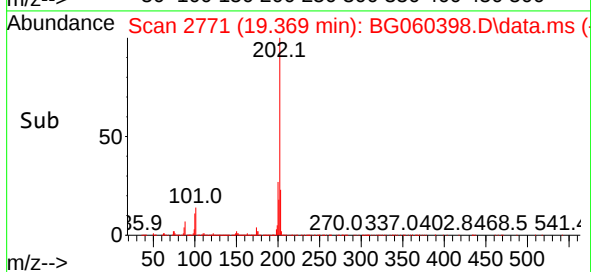
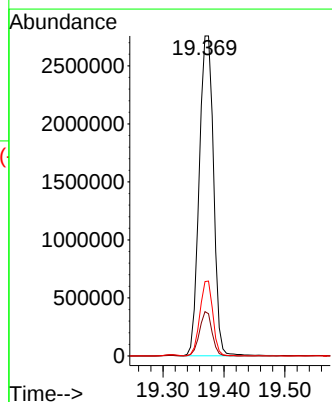
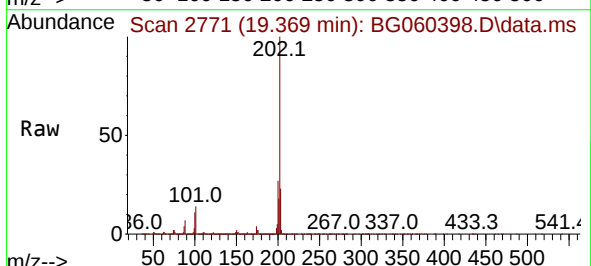
APPROVED

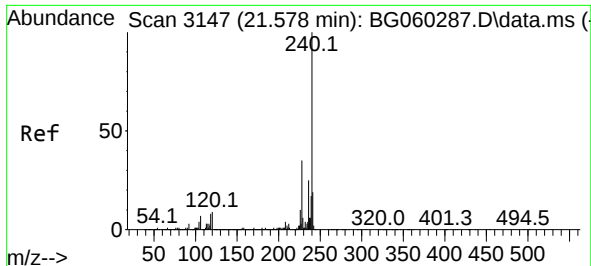
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#75
Fluoranthene
Concen: 42.059 ng
RT: 19.369 min Scan# 2771
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

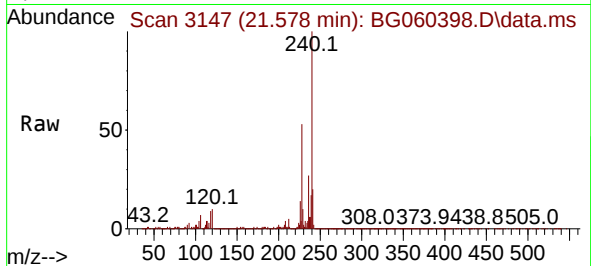
Tgt Ion:202 Resp: 4476760
Ion Ratio Lower Upper
202 100
101 13.8 0.0 34.4
203 23.3 4.0 44.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

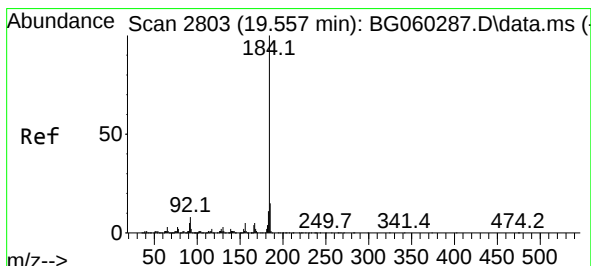
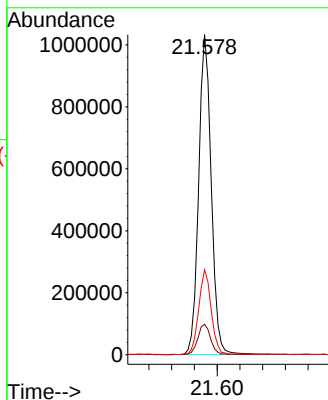
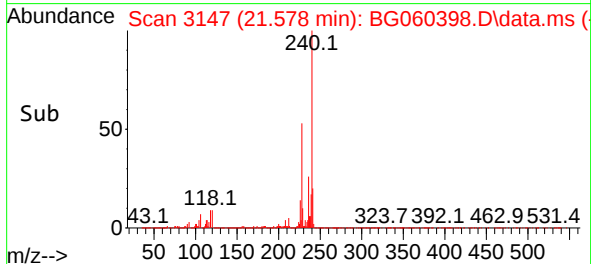
Instrument :
BNA_G
ClientSampleId :
PB158566BS



Tgt Ion:240 Resp: 158684
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.5 20.3 30.5

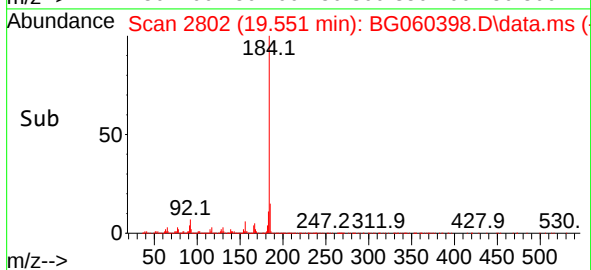
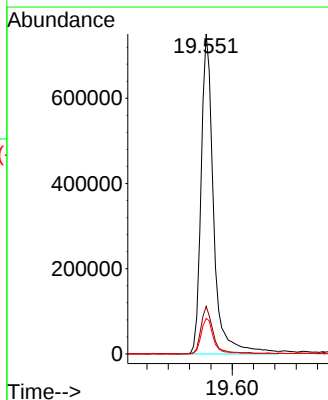
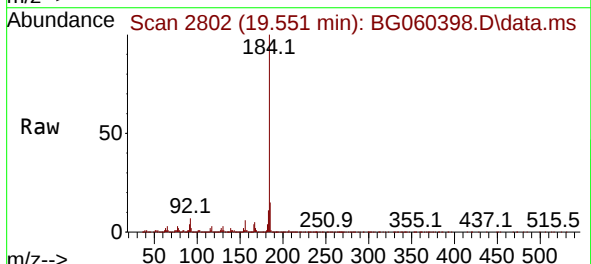
Manual Integrations
APPROVED

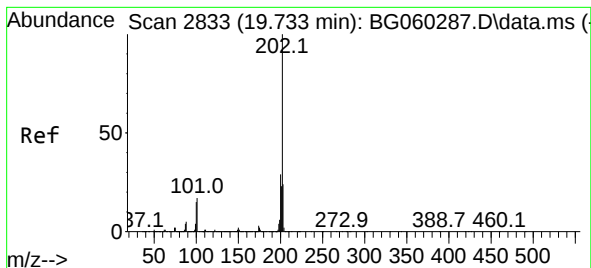
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#77
Benzidine
Concen: 35.534 ng
RT: 19.551 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:184 Resp: 1225000
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 11.1 9.0 13.4





#78

Pyrene

Concen: 45.420 ng

RT: 19.733 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

Tgt Ion:202 Resp: 460266

Ion Ratio Lower Upper

202 100

200 29.1 23.5 35.3

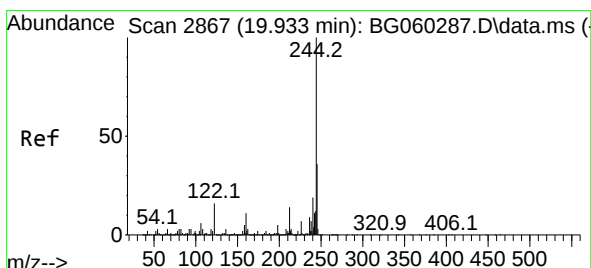
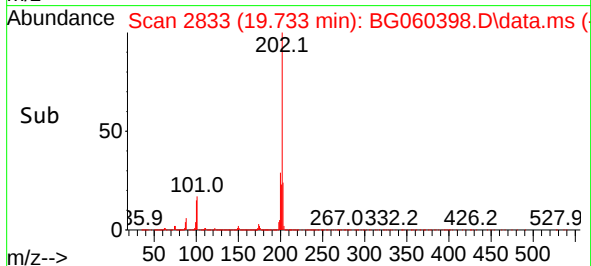
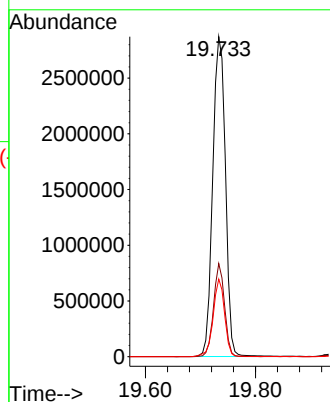
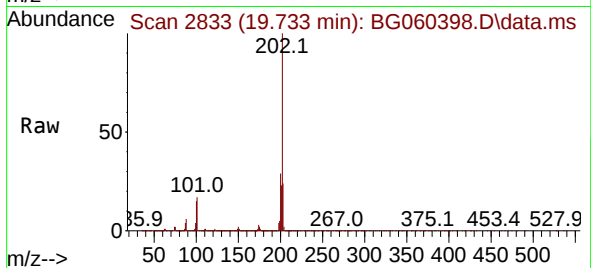
203 24.3 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024

Supervised By :mohammad ahmed 01/25/2024



#79

Terphenyl-d14

Concen: 96.949 ng

RT: 19.933 min Scan# 2867

Delta R.T. -0.000 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

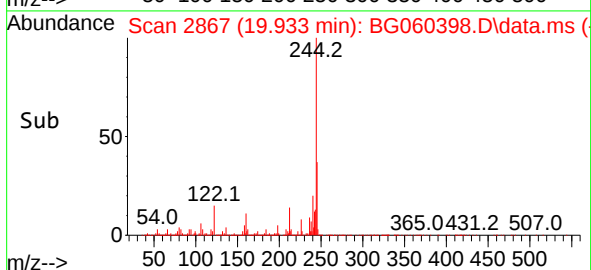
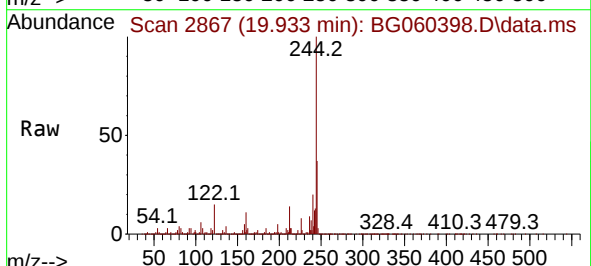
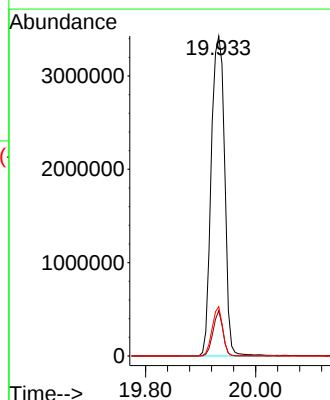
Tgt Ion:244 Resp: 5786060

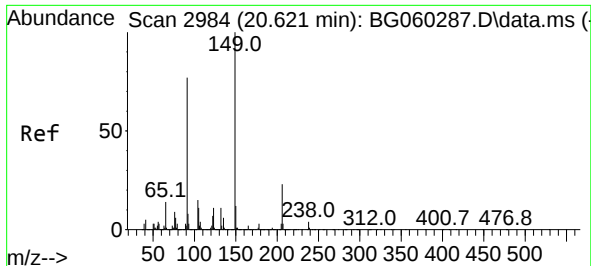
Ion Ratio Lower Upper

244 100

212 14.1 10.9 16.3

122 15.4 12.6 18.8





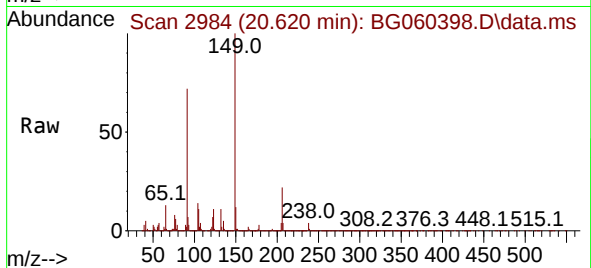
#80
Butylbenzylphthalate
Concen: 53.679 ng
RT: 20.620 min Scan# 2984
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

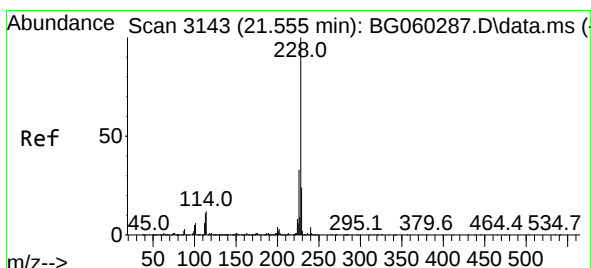
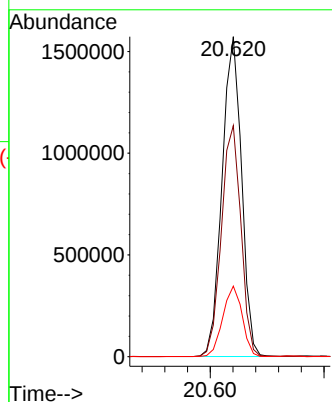
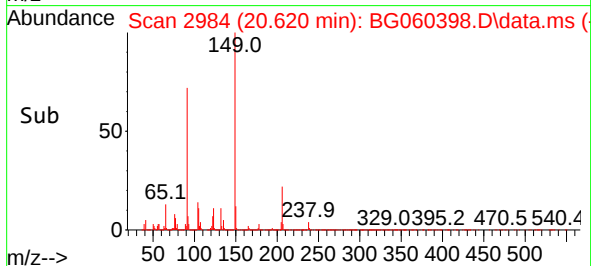


Tgt Ion:149 Resp: 1871454
Ion Ratio Lower Upper
149 100
91 72.2 61.4 92.2
206 22.1 18.0 27.0

Manual Integrations

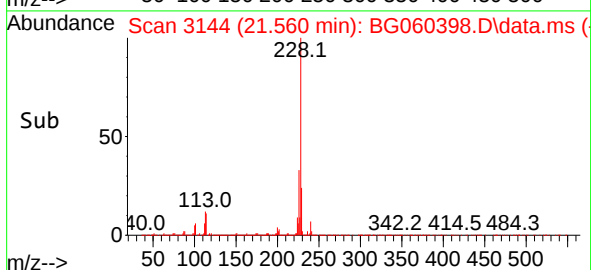
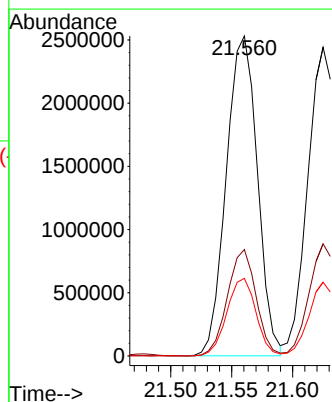
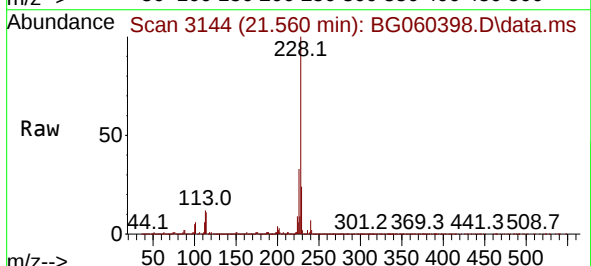
APPROVED

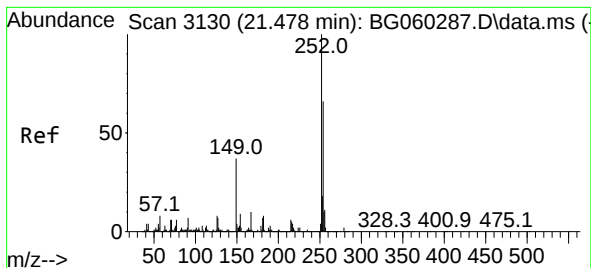
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#81
Benzo(a)anthracene
Concen: 45.764 ng
RT: 21.560 min Scan# 3144
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:228 Resp: 4495720
Ion Ratio Lower Upper
228 100
226 33.3 26.2 39.2
229 24.3 19.4 29.2





#82
3,3'-Dichlorobenzidine
Concen: 40.362 ng
RT: 21.478 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

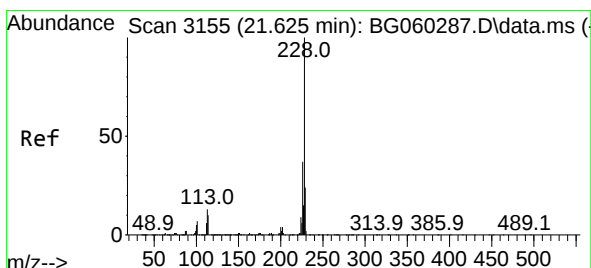
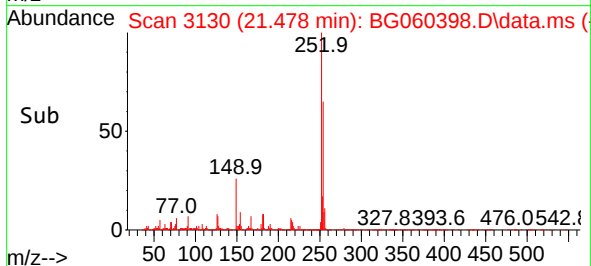
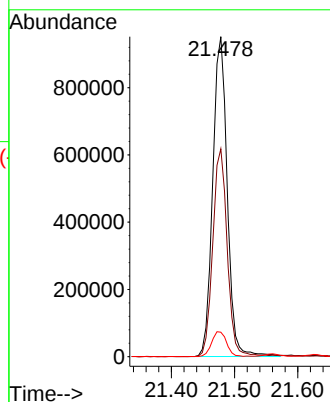
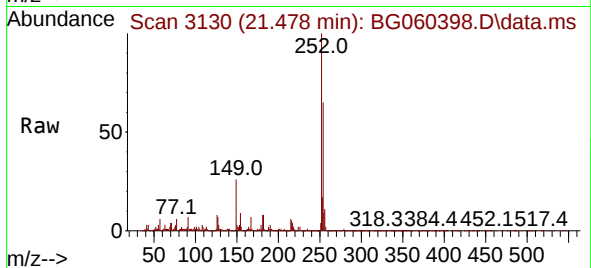
PB158566BS

Tgt Ion:252 Resp: 151848
Ion Ratio Lower Upper
252 100
254 65.0 52.6 79.0
126 7.6 6.3 9.5

Manual Integrations

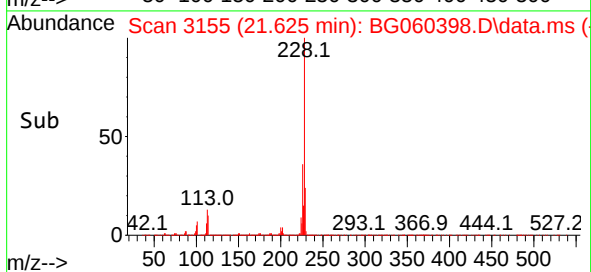
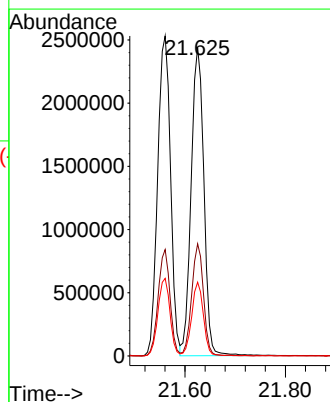
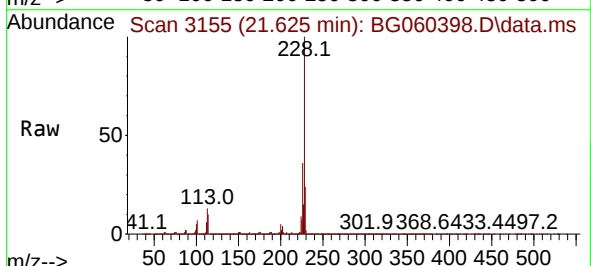
APPROVED

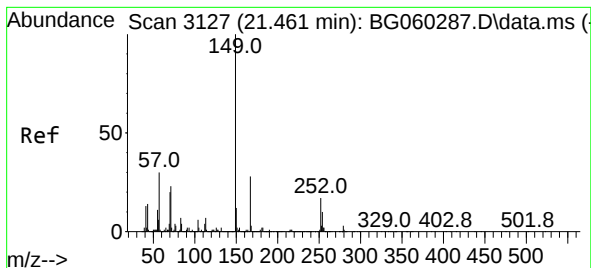
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#83
Chrysene
Concen: 44.534 ng
RT: 21.625 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

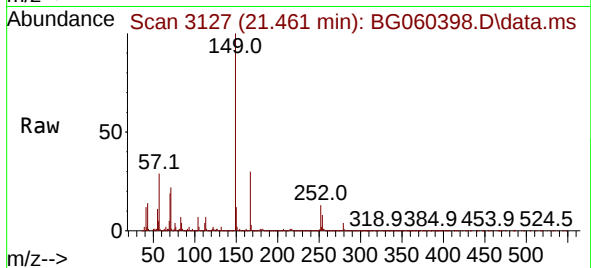
Tgt Ion:228 Resp: 4302735
Ion Ratio Lower Upper
228 100
226 36.4 29.4 44.2
229 23.9 19.2 28.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 50.715 ng
RT: 21.461 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

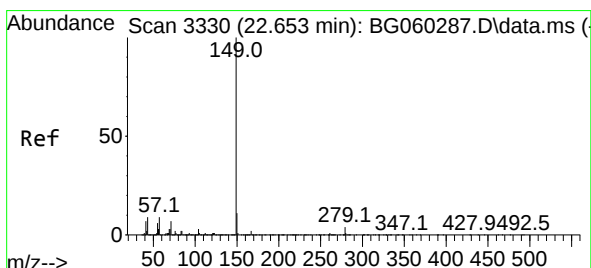
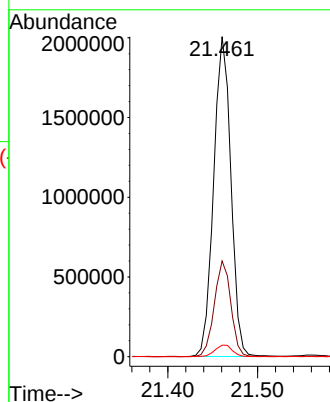
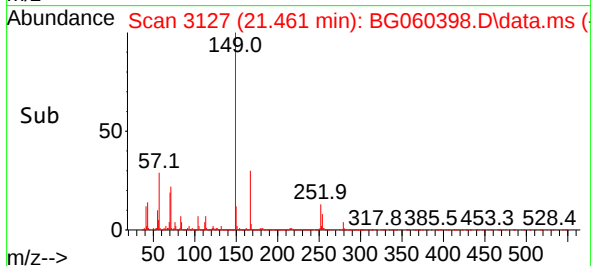
Instrument :
BNA_G
ClientSampleId :
PB158566BS



Tgt Ion:149 Resp: 267182
Ion Ratio Lower Upper
149 100
167 29.9 22.2 33.2
279 3.6 2.7 4.1

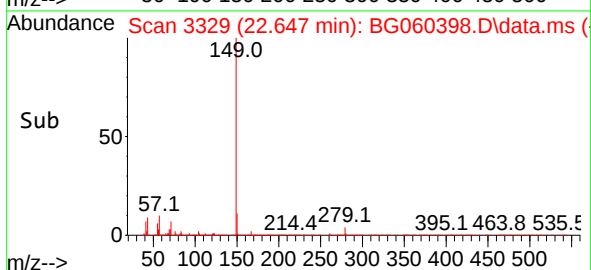
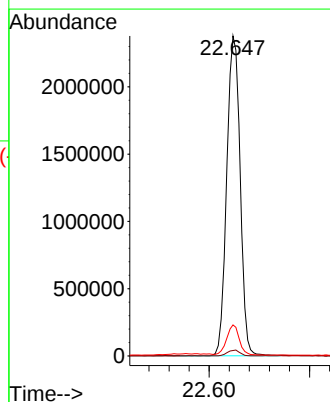
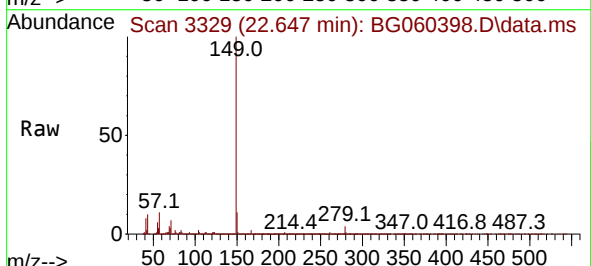
Manual Integrations
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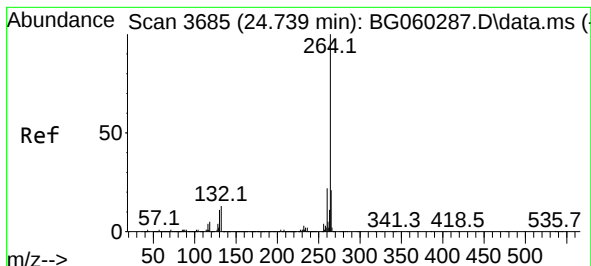
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#85
Di-n-octyl phthalate
Concen: 51.761 ng
RT: 22.647 min Scan# 3329
Delta R.T. -0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:149 Resp: 4419003
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 6.8 10.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.745 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

PB158566BS

Tgt Ion:264 Resp: 1720960

Ion Ratio Lower Upper

264 100

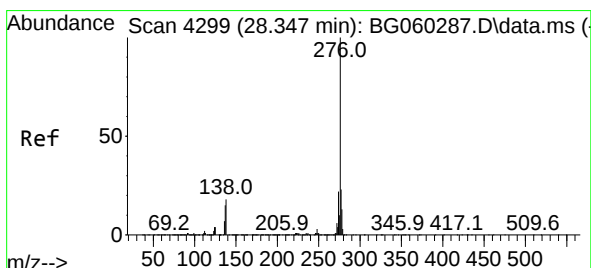
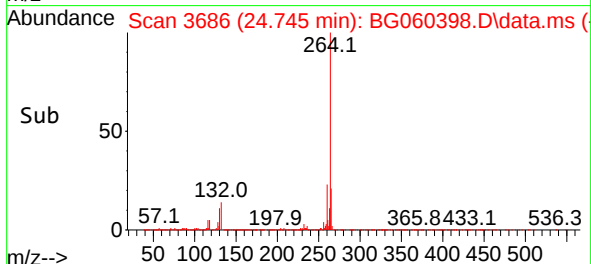
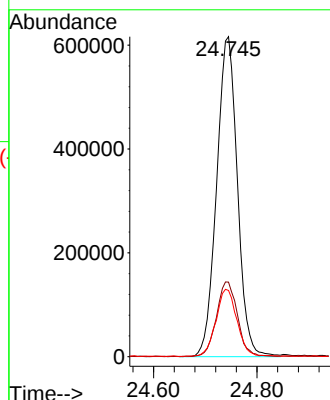
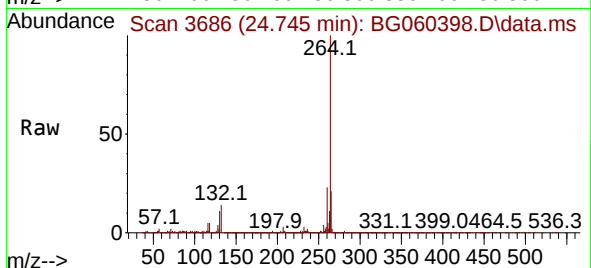
260 23.3 17.8 26.6

265 20.7 16.8 25.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.727 ng

RT: 28.358 min Scan# 4301

Delta R.T. 0.011 min

Lab File: BG060398.D

Acq: 23 Jan 2024 11:07

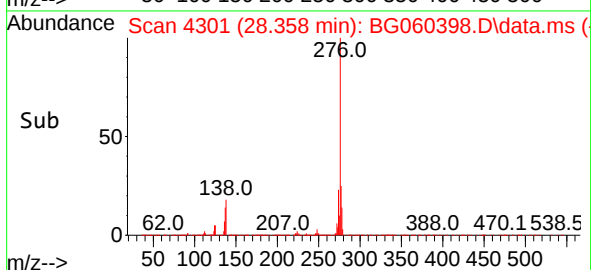
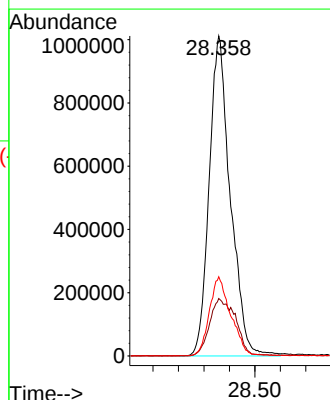
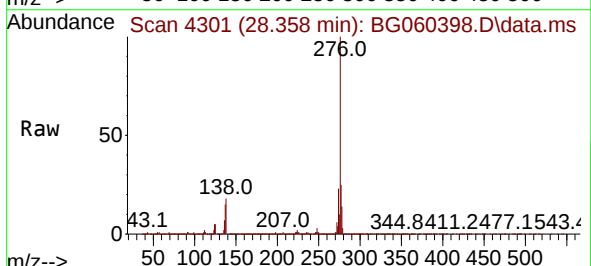
Tgt Ion:276 Resp: 5830619

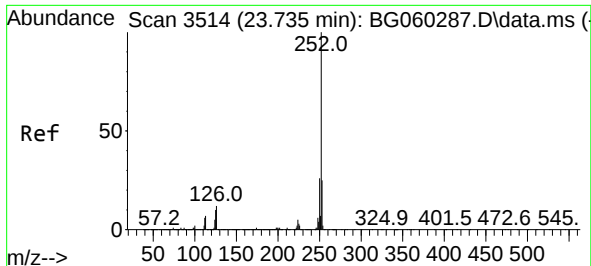
Ion Ratio Lower Upper

276 100

138 21.9 12.5 18.7#

277 25.0 20.5 30.7





#88
Benzo(b)fluoranthene
Concen: 46.836 ng
RT: 23.740 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :

BNA_G

ClientSampleId :

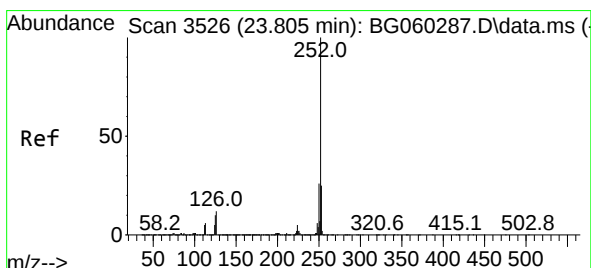
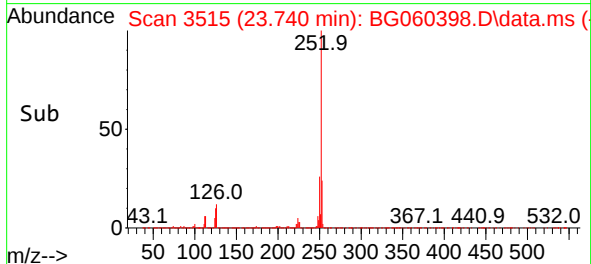
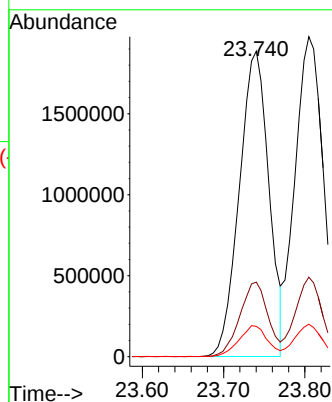
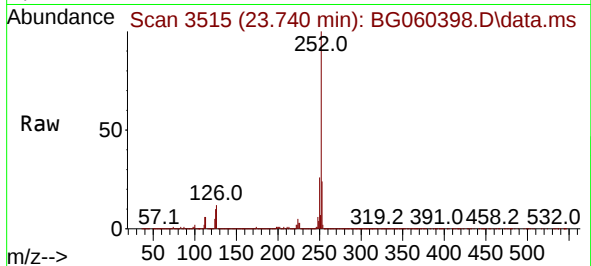
PB158566BS

Tgt Ion:252 Resp: 476171
Ion Ratio Lower Upper
252 100
253 24.4 20.0 30.0
125 9.9 8.1 12.1

Manual Integrations

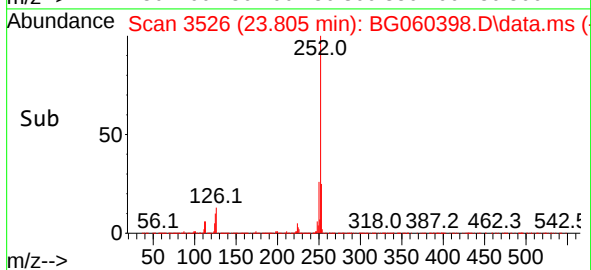
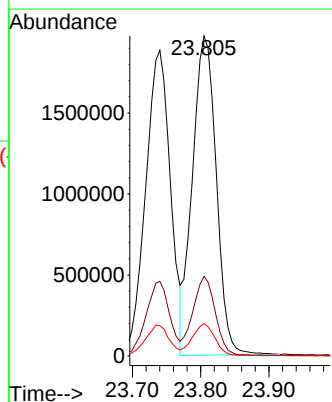
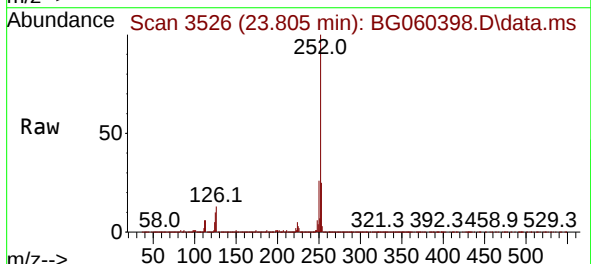
APPROVED

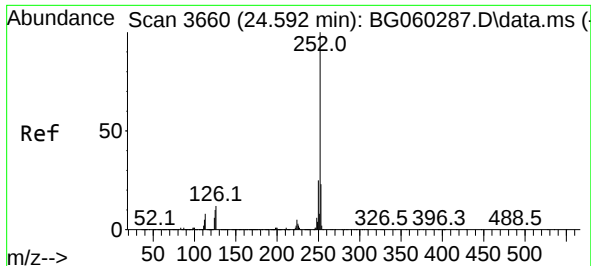
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#89
Benzo(k)fluoranthene
Concen: 47.792 ng
RT: 23.805 min Scan# 3526
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Tgt Ion:252 Resp: 4794733
Ion Ratio Lower Upper
252 100
253 24.9 19.6 29.4
125 10.1 8.2 12.2





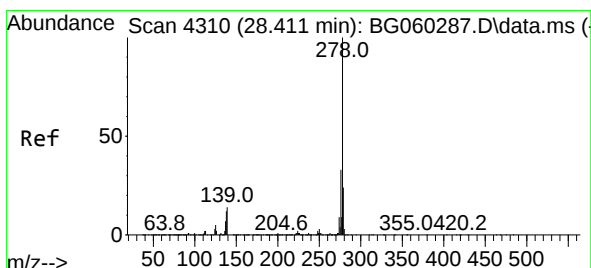
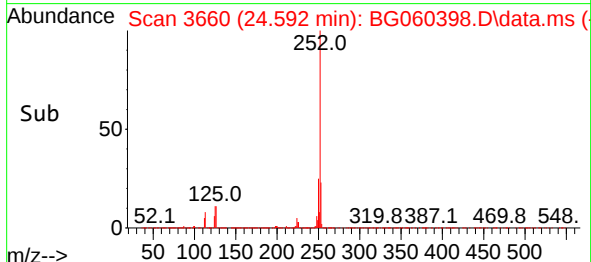
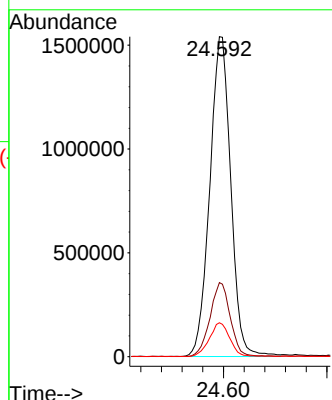
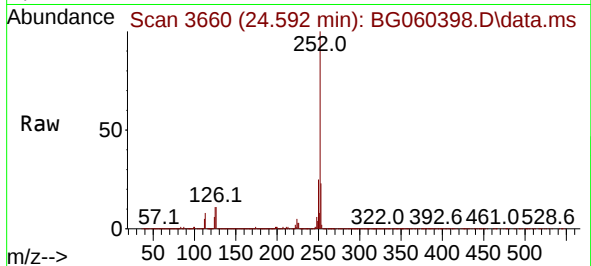
#90
Benzo(a)pyrene
Concen: 47.171 ng
RT: 24.592 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

Instrument :
BNA_G
ClientSampleId :
PB158566BS

Tgt Ion:252 Resp: 433222
Ion Ratio Lower Upper
252 100
253 23.2 18.1 27.1
125 10.6 8.1 12.1

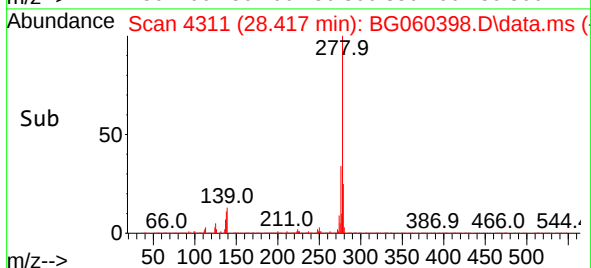
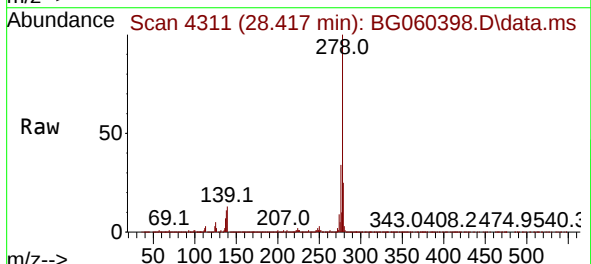
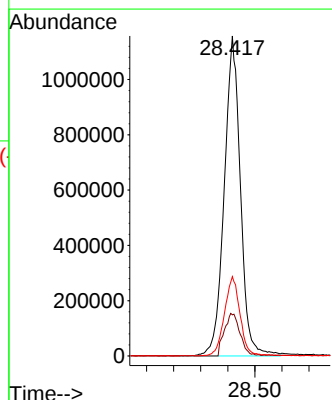
Manual Integrations
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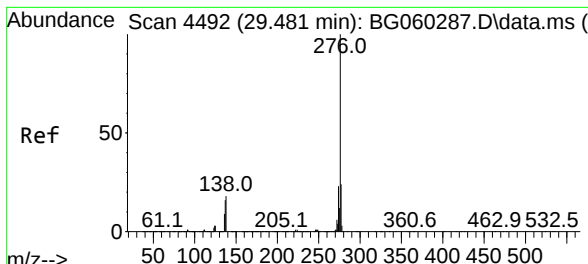
Reviewed By :Jagrut Upadhyay 01/24/2024
Supervised By :mohammad ahmed 01/25/2024



#91
Dibenzo(a,h)anthracene
Concen: 49.224 ng
RT: 28.417 min Scan# 4311
Delta R.T. 0.006 min
Lab File: BG060398.D
Acq: 23 Jan 2024 11:07

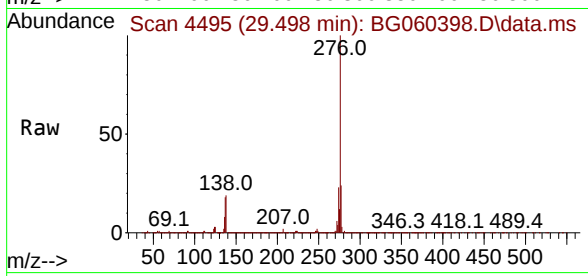
Tgt Ion:278 Resp: 4810290
Ion Ratio Lower Upper
278 100
139 12.9 10.9 16.3
279 24.8 19.2 28.8





#92
 Benzo(g,h,i)perylene
 Concen: 47.411 ng
 RT: 29.498 min Scan# 44
 Delta R.T. 0.017 min
 Lab File: BG060398.D
 Acq: 23 Jan 2024 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB158566BS



Tgt Ion: 276 Resp: 474849

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	19.1	14.2	21.4

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

