

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058449.D
 Acq On : 25 Jul 2023 16:52
 Operator : CG/JU
 Sample : 03534-24MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4737MSD

Quant Time: Jul 26 00:25:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	34410	20.000	ng/u1	0.00
20) Naphthalene-d8	10.615	136	157146	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.458	164	124903	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.208	188	335961	20.000	ng/u1	0.00
79) Chrysene-d12	21.444	240	300100	20.000	ng/u1	0.00
88) Perylene-d12	24.511	264	356121	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.236	96	591	0.632	ng/uL	0.00
4) Pyridine-d5	3.647	84	24550	8.847	ng/u1	0.00
7) Phenol-d5	6.984	99	6732	2.062	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.149	67	6634	3.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.349	132	5227	2.288	ng/u1	0.00
15) 4-Methylphenol-d8	8.612	113	2135	0.857	ng/u1	0.08
21) Nitrobenzene-d5	8.982	128	3463	2.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	3808	2.961	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	4050m	1.643	ng/u1	0.00
31) 4-Chloroaniline-d4	10.786	131	118	0.033	ng/u1	0.03
46) Dimethylphthalate-d6	13.864	166	30537	3.171	ng/u1	0.00
49) Acenaphthylene-d8	14.152	160	31076	3.079	ng/u1	0.00
54) 4-Nitrophenol-d4	14.699	143	1307	0.899	ng/u1	0.02
60) Fluorene-d10	15.451	176	29195	3.661	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	3422	1.999	ng/u1	0.00
73) Anthracene-d10	17.308	188	30637	2.111	ng/u1	0.00
81) Pyrene-d10	19.593	212	51031	2.879	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.299	264	16276	0.946	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.271	88	2340	2.207	ng/uL#	73
6) Benzaldehyde	6.955	77	9625m	7.301	ng/u1	
8) Phenol	7.014	94	10417	3.073	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.237	93	10103	3.890	ng/u1	98
12) 2-Chlorophenol	7.378	128	7123	2.978	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.342	45	18125	4.259	ng/u1	98
16) Acetophenone	8.641	105	22856	5.390	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.612	70	11263	4.853	ng/u1	99
19) Hexachloroethane	8.894	117	2918	3.095	ng/u1	85
22) Nitrobenzene	9.017	77	10693	3.404	ng/u1	92
23) Isophorone	9.540	82	26521	3.766	ng/u1	97
25) 2-Nitrophenol	9.734	139	4942	3.598	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.028	93	12753	3.419	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	4610m	1.970	ng/u1	
30) Naphthalene	10.668	128	33710	4.013	ng/u1	96
33) Hexachlorobutadiene	10.950	225	7305	4.366	ng/u1	96
34) Caprolactam	11.532	113	2535m	2.609	ng/u1	
36) 2-Methylnaphthalene	12.284	142	23625	4.198	ng/u1	100
37) 1-Methylnaphthalene	12.501	142	25458	4.414	ng/u1#	95
39) 1,2,4,5-Tetrachloroben...	12.648	216	13612	3.765	ng/u1	95
40) Hexachlorocyclopentadiene	12.625	237	3368	1.732	ng/u1	92
42) 2,4,5-Trichlorophenol	12.977	196	8878	3.402	ng/u1	88
43) 1,1'-Biphenyl	13.295	154	33521	3.969	ng/u1	98
44) 2-Chloronaphthalene	13.336	162	25963	3.866	ng/u1	97

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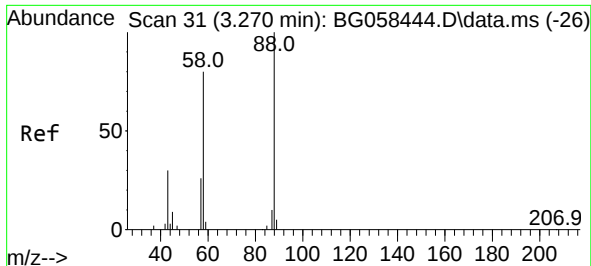
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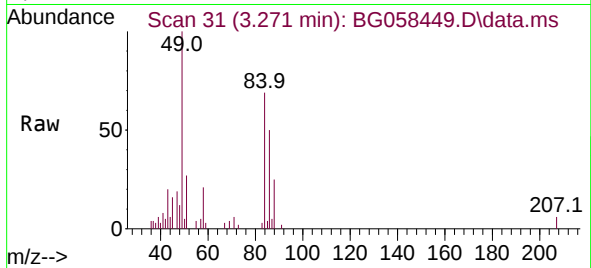
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2-Nitroaniline	13.553	65	7265	3.115	ng/ul	96
47) Dimethylphthalate	13.912	163	47798	4.941	ng/ul	100
48) 2,6-Dinitrotoluene	14.041	165	7500	4.012	ng/ul	96
50) Acenaphthylene	14.182	152	41741	3.831	ng/ul	98
51) 3-Nitroaniline	14.382	138	1654m	1.062	ng/ul	
52) Acenaphthene	14.523	153	33303	4.402	ng/ul	98
53) 2,4-Dinitrophenol	14.599	184	1220m	1.226	ng/ul	
55) 4-Nitrophenol	14.716	109	3043m	2.716	ng/ul	
56) Dibenzofuran	14.863	168	47555	4.415	ng/ul	96
57) 2,4-Dinitrotoluene	14.834	165	9911	3.676	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	3924	1.627	ng/ul#	92
59) Diethylphthalate	15.275	149	43243	4.339	ng/ul	98
61) Fluorene	15.510	166	40992	4.641	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	20867	4.450	ng/ul	98
63) 4-Nitroaniline	15.563	138	1713m	1.215	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	4278	2.429	ng/ul#	91
68) 4-Bromophenyl-phenylether	16.397	248	14865	4.177	ng/ul	95
69) Hexachlorobenzene	16.514	284	11158	2.779	ng/ul#	94
70) Atrazine	16.661	200	11085	3.395	ng/ul	91
72) Phenanthrene	17.249	178	84389	5.286	ng/ul	98
74) Anthracene	17.337	178	40421	2.522	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.259	216	13073	3.102	ng/uL	95
76) Pentachlorobenzene	14.781	250	14662	3.182	ng/uL	93
77) Carbazole	17.613	167	43829	3.155	ng/ul	99
78) Di-n-butylphthalate	18.165	149	90267	5.113	ng/ul	98
80) Fluoranthene	19.264	202	116181	5.722	ng/ul	98
82) Pyrene	19.622	202	82052	3.988	ng/ul	98
83) Butylbenzylphthalate	20.510	149	43665	5.390	ng/ul	95
85) Benzo(a)anthracene	21.426	228	94111	4.666	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.332	149	78921	6.849	ng/ul	100
87) Chrysene	21.491	228	98808	5.164	ng/ul	98
89) Di-n-octyl phthalate	22.484	149	103508	5.463	ng/ul	100
90) Benzo(b)fluoranthene	23.535	252	103044	5.001	ng/ul	97
91) Benzo(k)fluoranthene	23.600	252	93984	4.573	ng/ul	98
93) Benzo(a)pyrene	24.364	252	19566	1.068	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	27.995	276	73473m	3.043	ng/ul	
95) Dibenzo(a,h)anthracene	28.054	278	89653m	4.528	ng/ul	

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



#2
1,4-Dioxane
Concen: 2.207 ng/uL
RT: 3.271 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

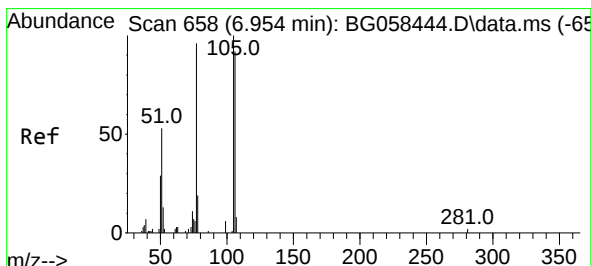
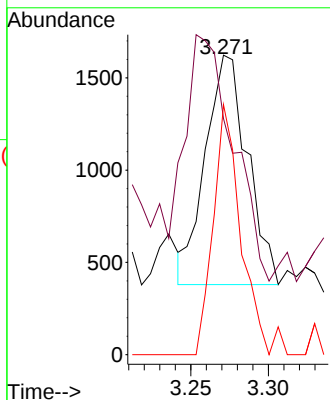
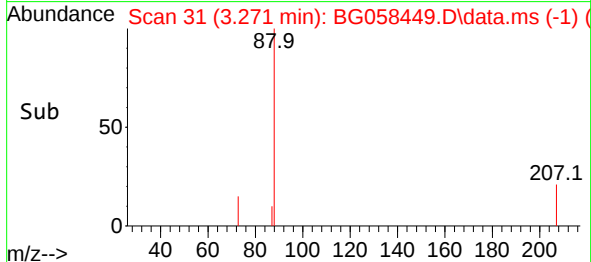
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion: 88 Resp: 2340
Ion Ratio Lower Upper
88 100
43 78.9 19.6 29.4
58 83.5 70.2 105.4

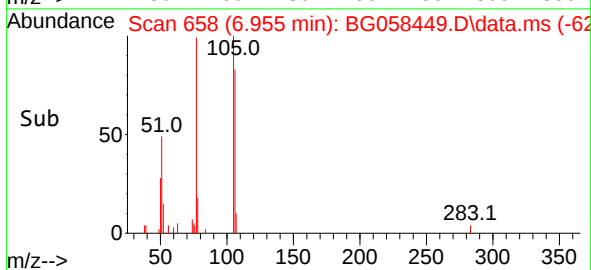
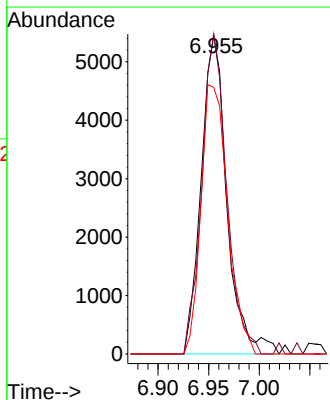
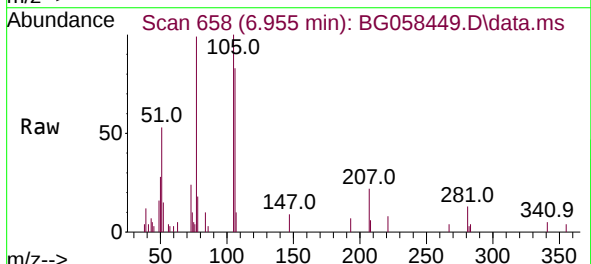
Manual Integrations
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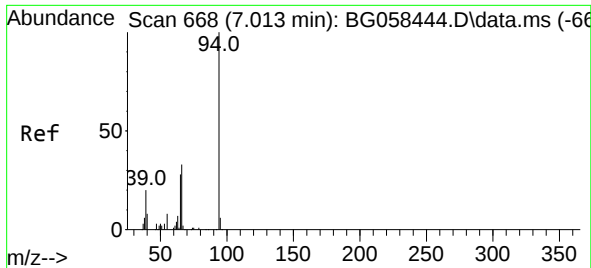
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#6
Benzaldehyde
Concen: 7.301 ng/uL
RT: 6.955 min Scan# 658
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

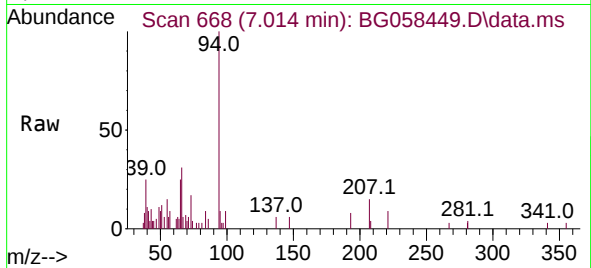
Tgt Ion: 77 Resp: 9625
Ion Ratio Lower Upper
77 100
105 100.6 78.2 117.4
106 83.8 71.6 107.4





#8
Phenol
Concen: 3.073 ng/ul
RT: 7.014 min Scan# 668
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

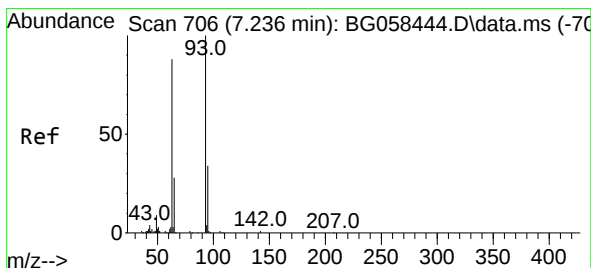
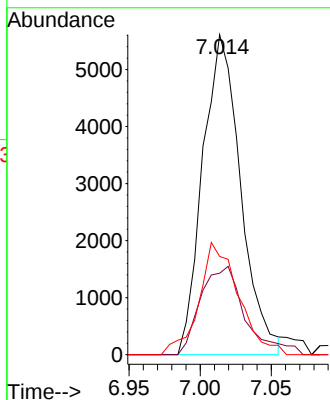
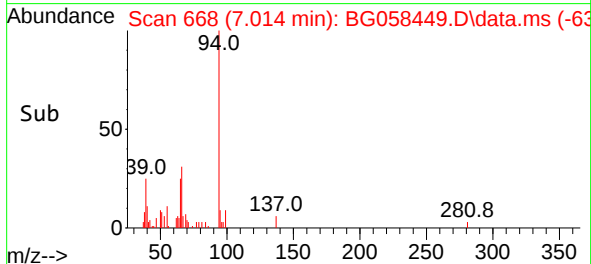
Instrument :
BNA_G
ClientSampleId :
A4737MSD



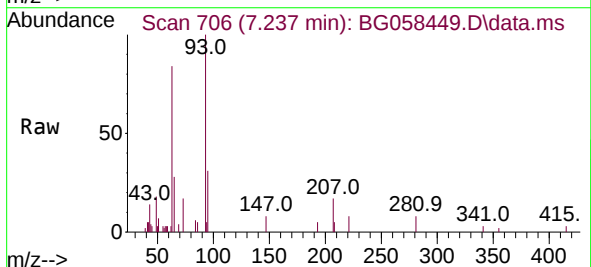
Tgt Ion: 94 Resp: 1041
Ion Ratio Lower Upper
94 100
65 25.5 23.8 35.8
66 30.7 31.2 46.8

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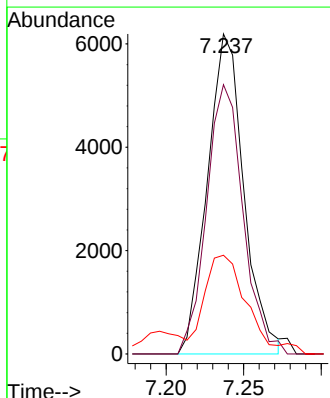
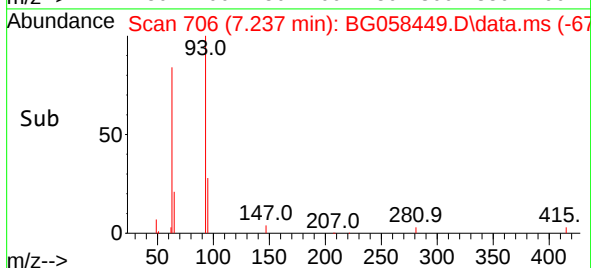
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

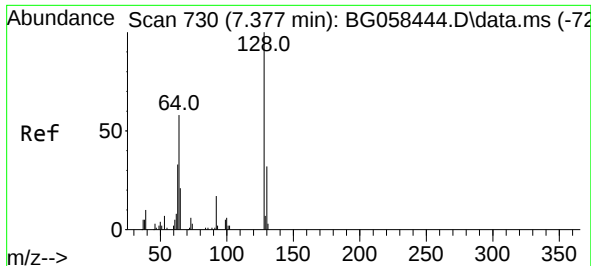


#10
Bis(2-Chloroethyl)ether
Concen: 3.890 ng/ul
RT: 7.237 min Scan# 706
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



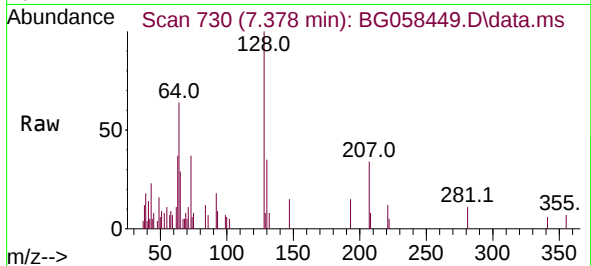
Tgt Ion: 93 Resp: 10103
Ion Ratio Lower Upper
93 100
63 84.1 67.7 101.5
95 30.9 27.0 40.6





#12
2-Chlorophenol
Concen: 2.978 ng/ul
RT: 7.378 min Scan# 712
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

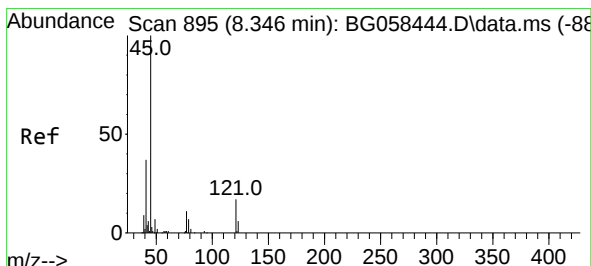
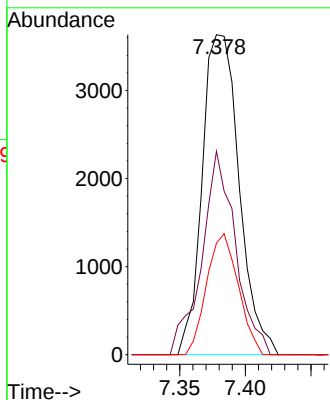
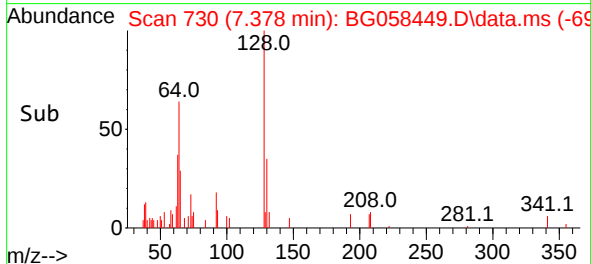
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:128 Resp: 712
Ion Ratio Lower Upper
128 100
64 63.6 45.6 68.4
130 34.8 25.2 37.8

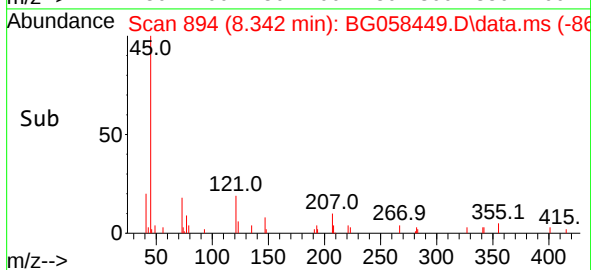
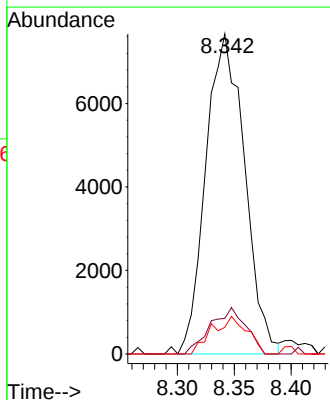
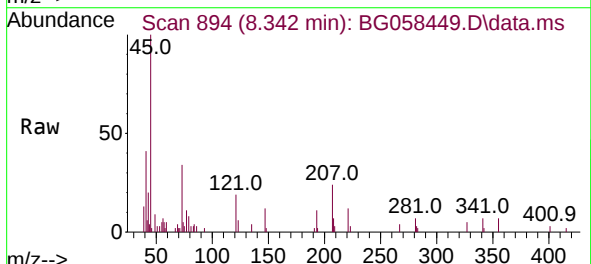
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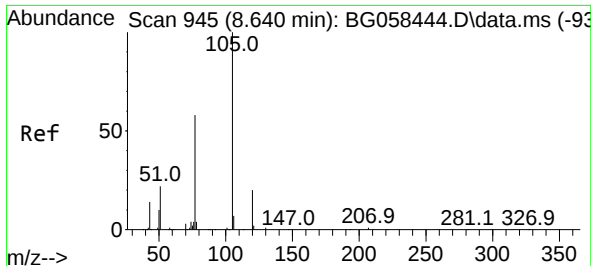
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.259 ng/ul
RT: 8.342 min Scan# 894
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

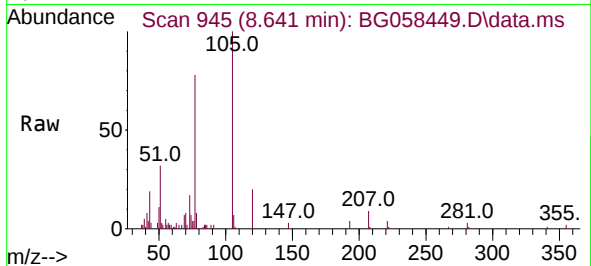
Tgt Ion: 45 Resp: 18125
Ion Ratio Lower Upper
45 100
77 11.1 9.4 14.2
79 8.3 7.4 11.2





#16
Acetophenone
Concen: 5.390 ng/ul
RT: 8.641 min Scan# 945
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

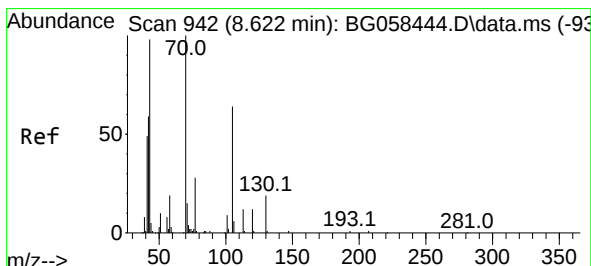
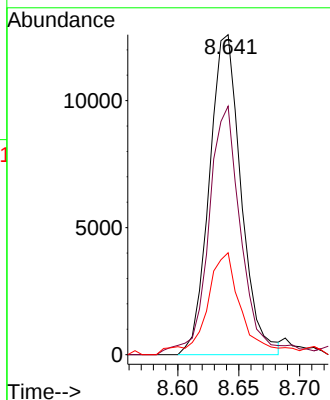
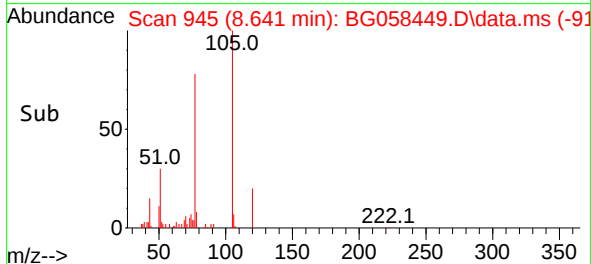
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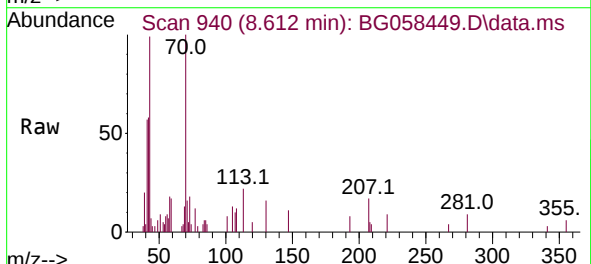
Tgt Ion: 105 Resp: 22850
Ion Ratio Lower Upper
105 100
77 77.6 60.7 91.1
51 31.8 23.5 35.3

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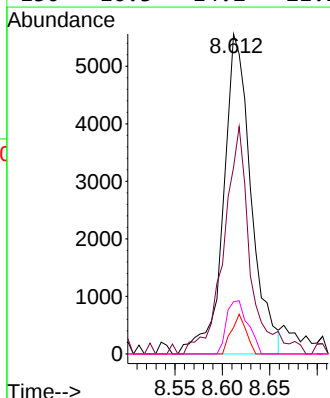
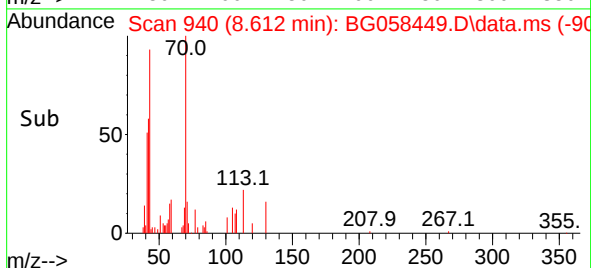
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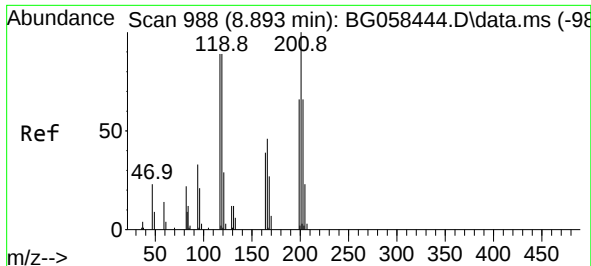


#17
N-Nitroso-di-n-propylamine
Concen: 4.853 ng/ul
RT: 8.612 min Scan# 940
Delta R.T. -0.011 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



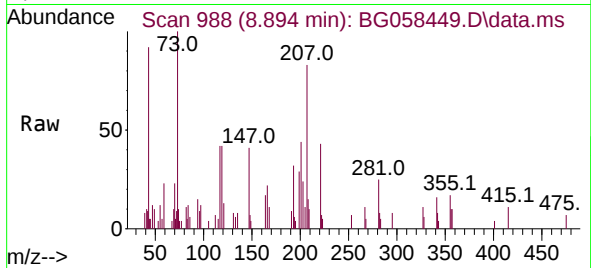
Tgt Ion: 70 Resp: 11263
Ion Ratio Lower Upper
70 100
42 58.4 46.6 69.8
101 8.2 7.3 10.9
130 16.3 14.2 21.2





#19
Hexachloroethane
Concen: 3.095 ng/ul
RT: 8.894 min Scan# 918
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

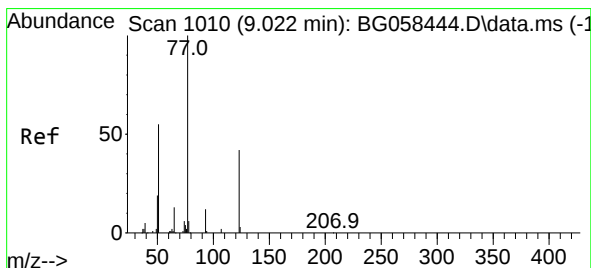
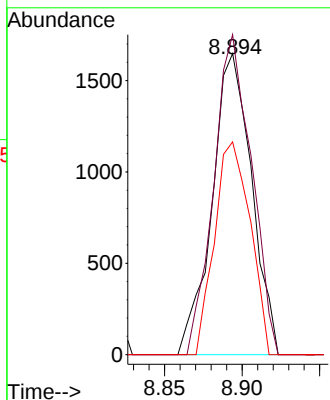
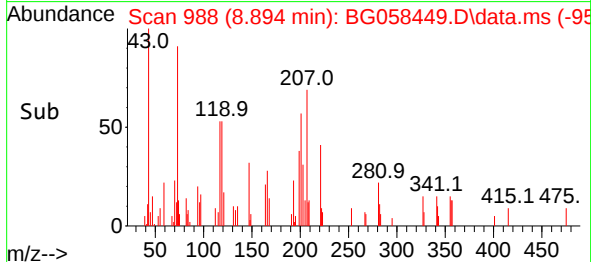
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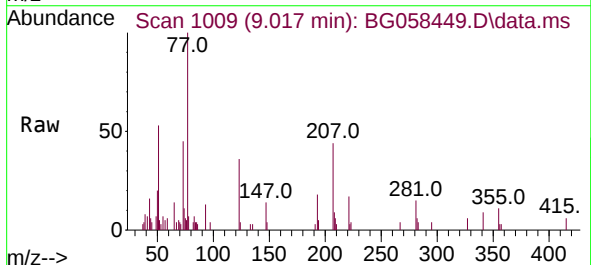
Tgt Ion:117 Resp: 2918
Ion Ratio Lower Upper
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201 106.3 103.6 155.4
199 70.6 60.1 90.1

Manual Integrations
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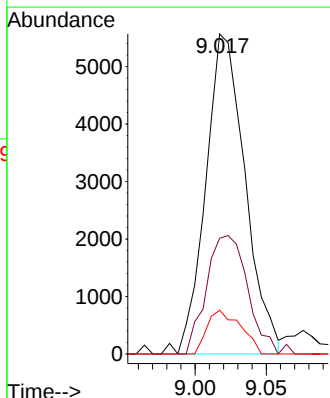
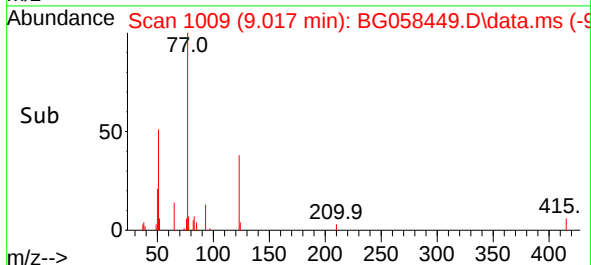
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Supervised By :mohammad ahmed 07/26/2023

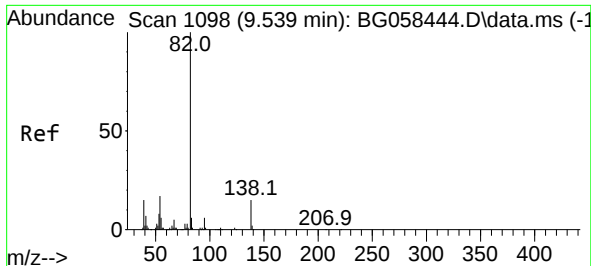


#22
Nitrobenzene
Concen: 3.404 ng/ul
RT: 9.017 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



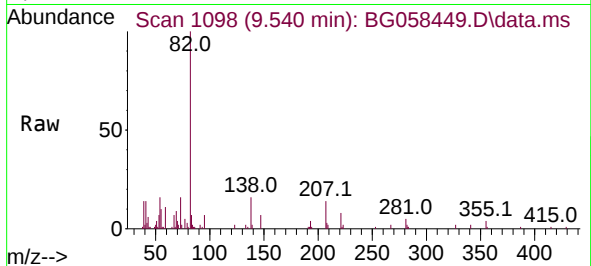
Tgt Ion: 77 Resp: 10693
Ion Ratio Lower Upper
77 100
123 36.2 34.0 51.0
65 13.6 11.0 16.6





#23
Isophorone
Concen: 3.766 ng/ul
RT: 9.540 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

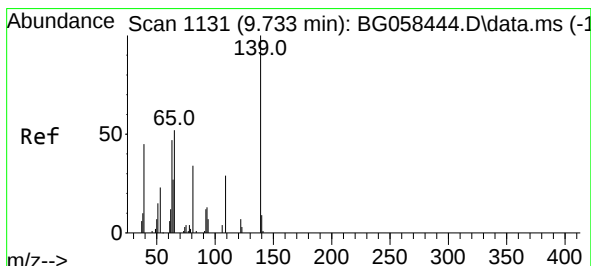
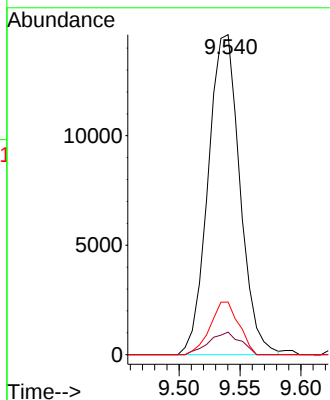
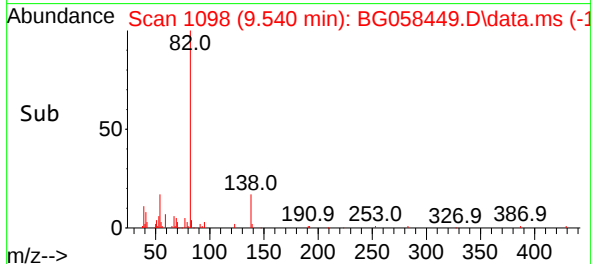
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion: 82 Resp: 2652
Ion Ratio Lower Upper
82 100
95 7.1 5.1 7.7
138 16.5 11.9 17.9

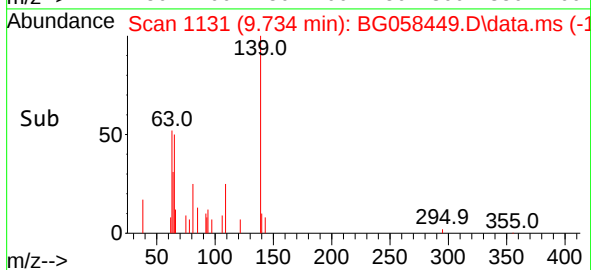
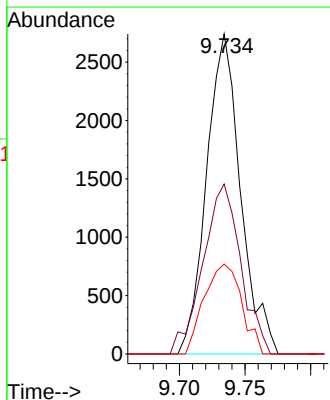
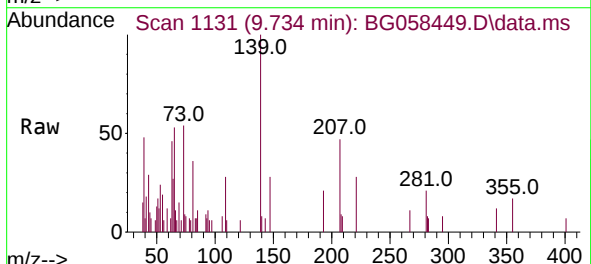
Manual Integrations
APPROVED

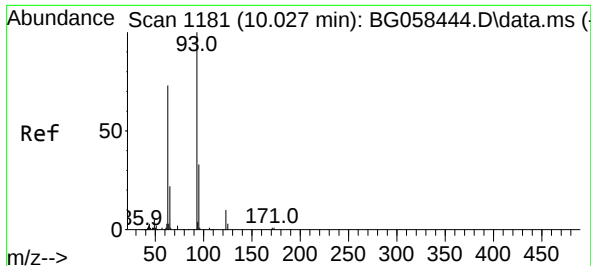
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#25
2-Nitrophenol
Concen: 3.598 ng/ul
RT: 9.734 min Scan# 1131
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Tgt Ion:139 Resp: 4942
Ion Ratio Lower Upper
139 100
65 53.1 49.2 73.8
109 28.1 21.6 32.4





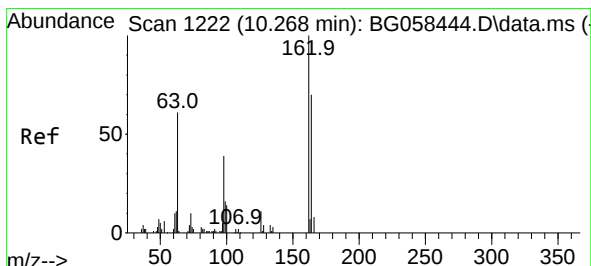
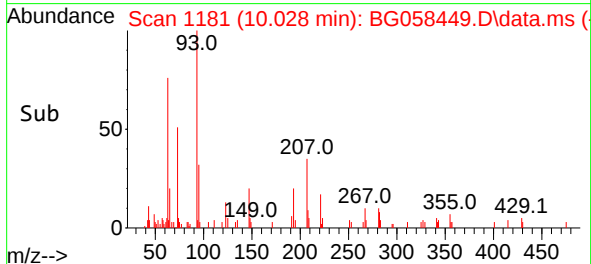
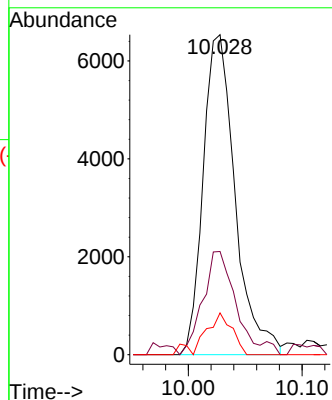
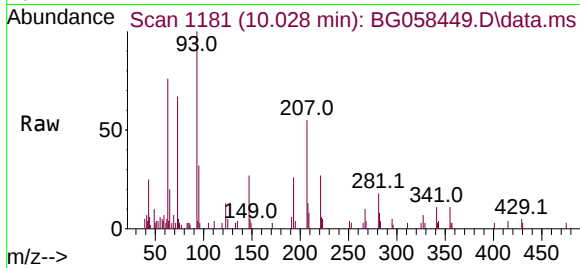
#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.419 ng/ul
 RT: 10.028 min Scan# 1181
 Delta R.T. 0.001 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

Instrument :
 BNA_G
 ClientSampleId :
 A4737MSD

Tgt Ion: 93 Resp: 1275
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.8
 123 13.1 9.3 13.9

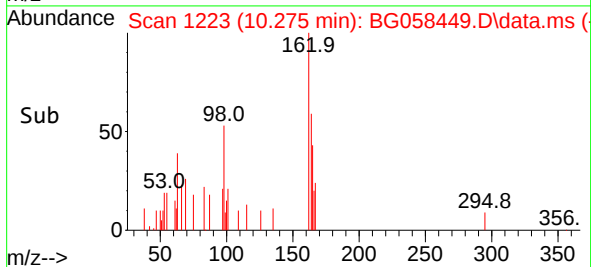
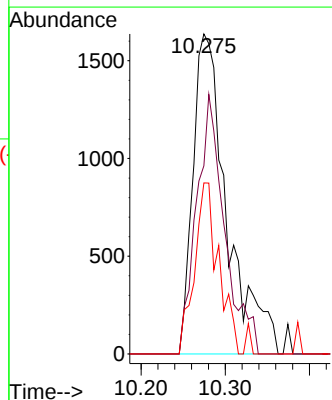
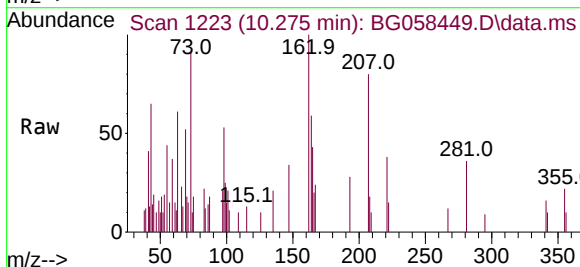
Manual Integrations
 APPROVED

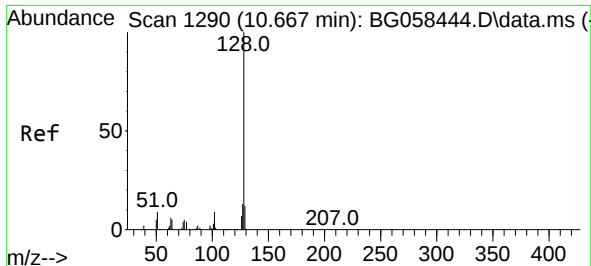
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#29
 2,4-Dichlorophenol
 Concen: 1.970 ng/ul m
 RT: 10.275 min Scan# 1223
 Delta R.T. 0.001 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

Tgt Ion:162 Resp: 4610
 Ion Ratio Lower Upper
 162 100
 164 58.8 58.4 87.6
 98 53.5 29.6 44.4#





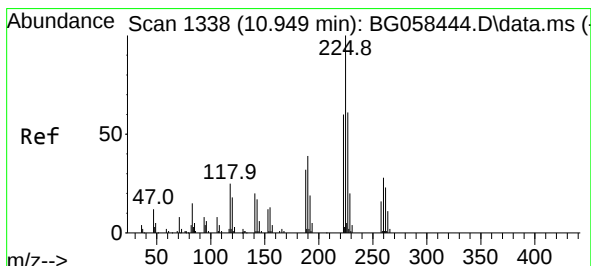
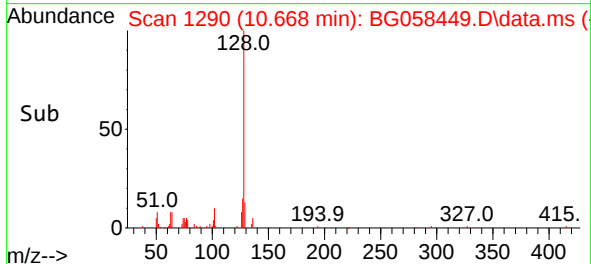
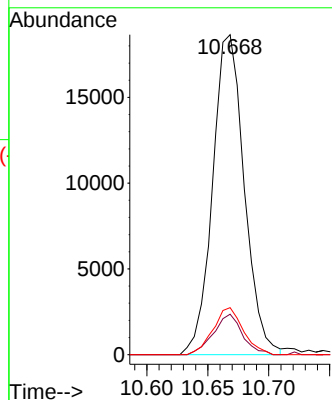
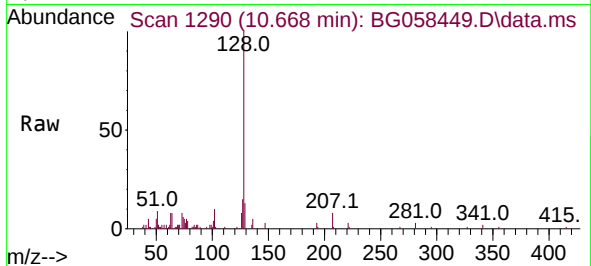
#30
Naphthalene
Concen: 4.013 ng/ul
RT: 10.668 min Scan# 1290
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Instrument :
BNA_G
ClientSampleId :
A4737MSD

Tgt Ion:128 Resp: 33710
Ion Ratio Lower Upper
128 100
129 12.7 8.8 13.2
127 14.7 10.8 16.2

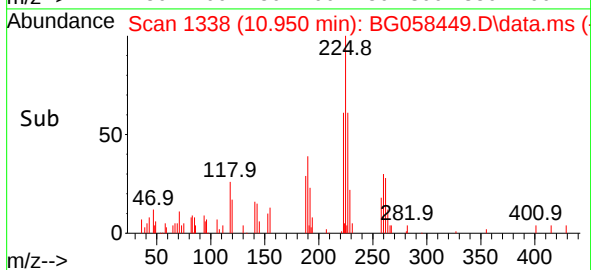
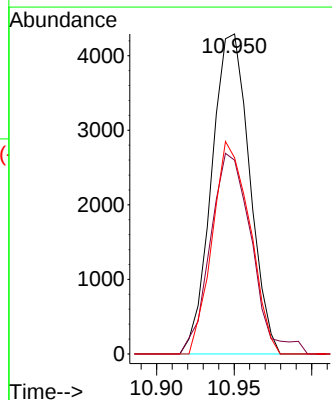
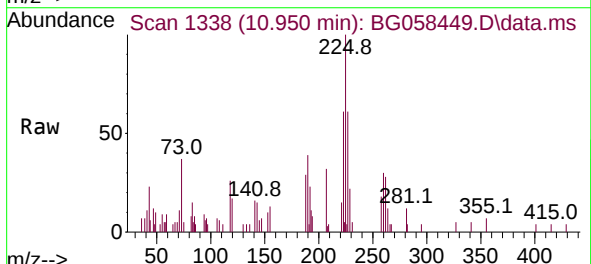
Manual Integrations
APPROVED

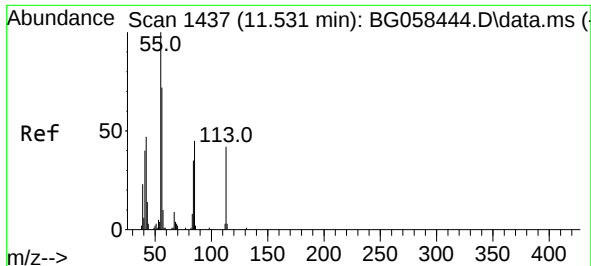
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#33
Hexachlorobutadiene
Concen: 4.366 ng/ul
RT: 10.950 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

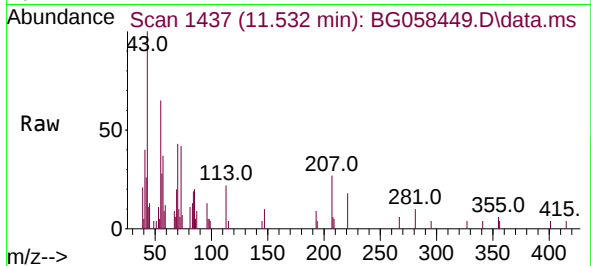
Tgt Ion:225 Resp: 7305
Ion Ratio Lower Upper
225 100
223 60.5 49.7 74.5
227 61.3 53.2 79.8





#34
Caprolactam
Concen: 2.609 ng/ul m
RT: 11.532 min Scan# 1437
Delta R.T. -0.035 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

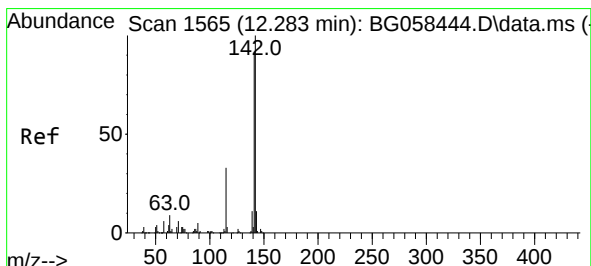
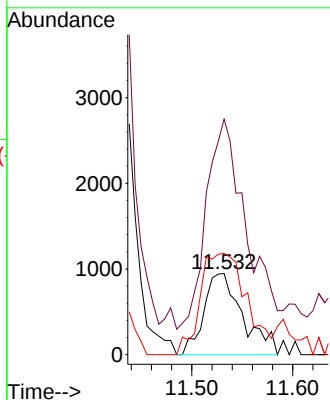
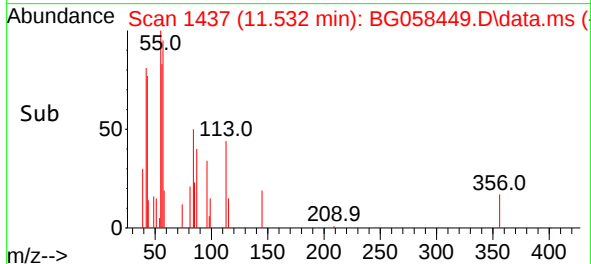
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:113 Resp: 2538
Ion Ratio Lower Upper
113 100
55 290.0 179.8 269.6
56 124.8 132.2 198.4

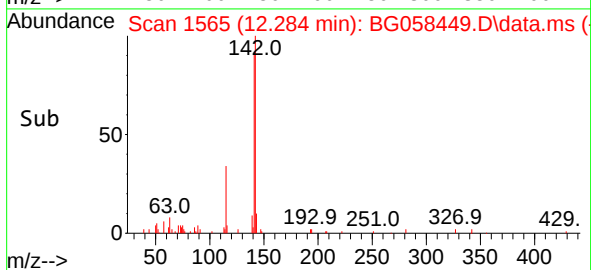
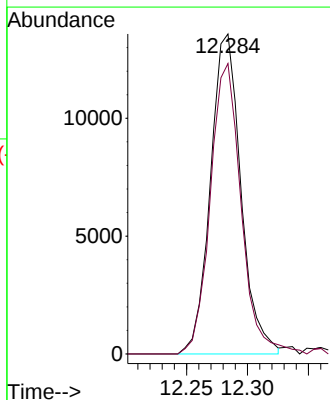
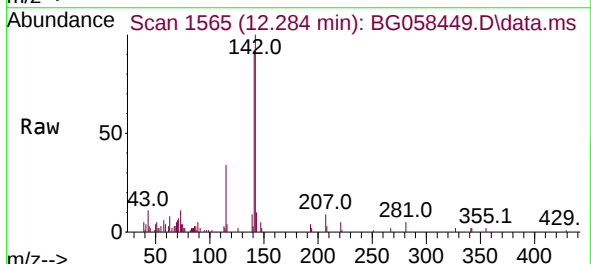
Manual Integrations
APPROVED

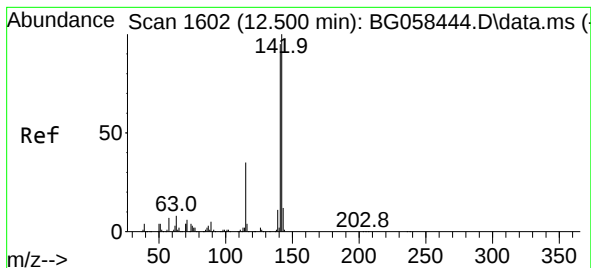
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#36
2-Methylnaphthalene
Concen: 4.198 ng/ul
RT: 12.284 min Scan# 1565
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Tgt Ion:142 Resp: 23625
Ion Ratio Lower Upper
142 100
141 90.7 72.6 108.8





#37

1-Methylnaphthalene

Concen: 4.414 ng/ul

RT: 12.501 min Scan# 1602

Delta R.T. -0.005 min

Lab File: BG058449.D

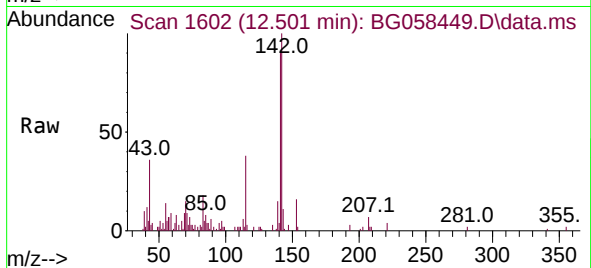
Acq: 25 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

A4737MSD



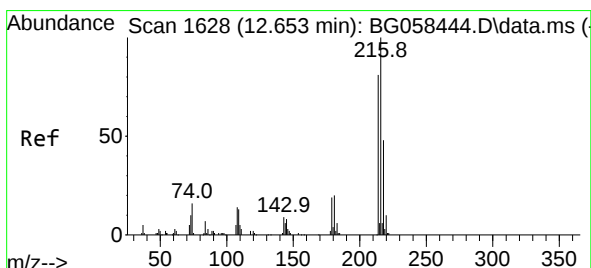
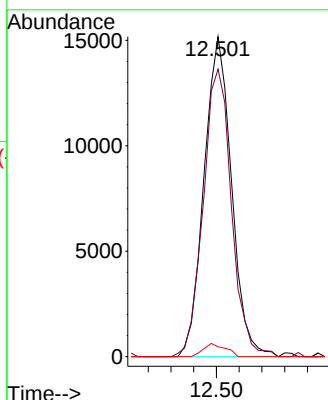
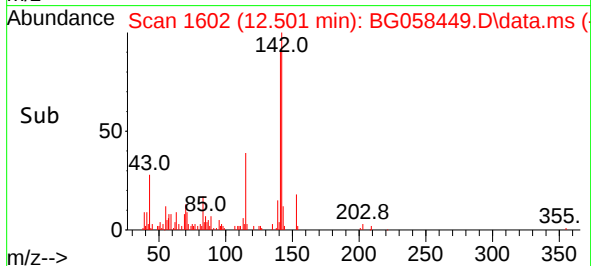
Tgt Ion:	142	Resp:	2545
Ion Ratio	Lower	Upper	
142	100		
141	89.8	75.8	113.6
116	3.1	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.765 ng/ul

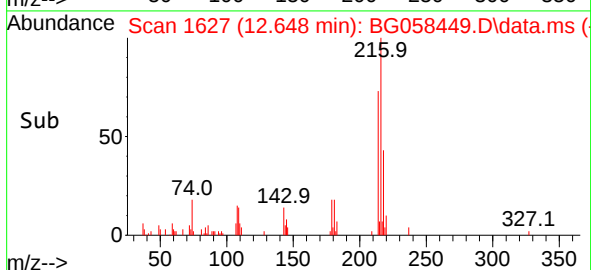
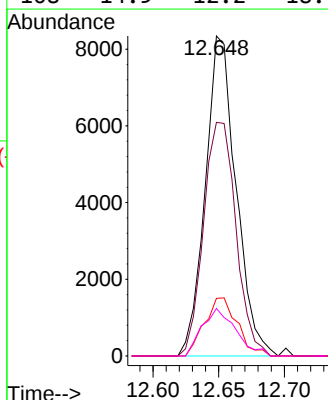
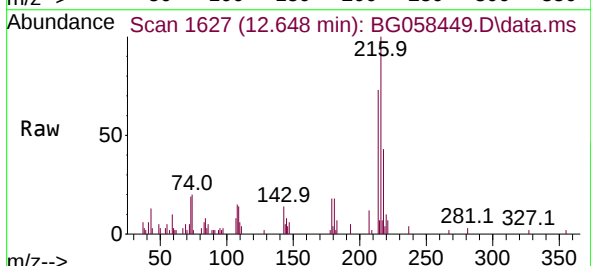
RT: 12.648 min Scan# 1627

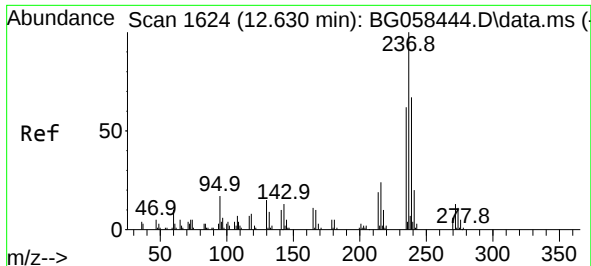
Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

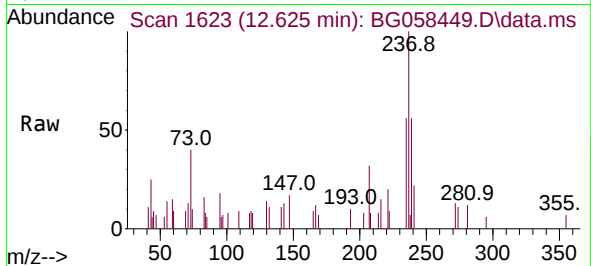
Tgt Ion:	216	Resp:	13612
Ion Ratio	Lower	Upper	
216	100		
214	73.0	62.2	93.4
179	18.0	16.2	24.2
108	14.9	12.2	18.4





#40
Hexachlorocyclopentadiene
Concen: 1.732 ng/ul
RT: 12.625 min Scan# 1623
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

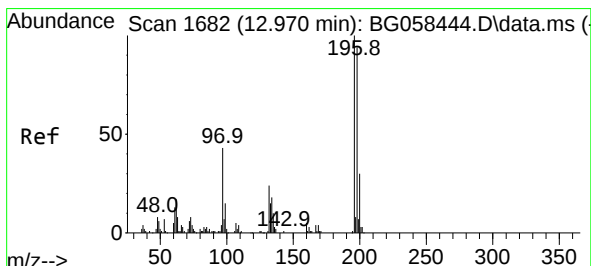
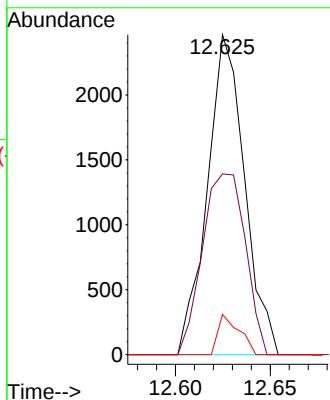
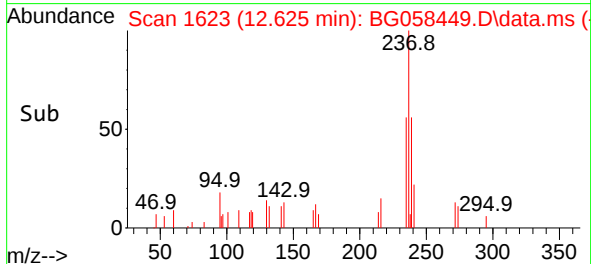
Instrument :
BNA_G
ClientSampleId :
A4737MSD



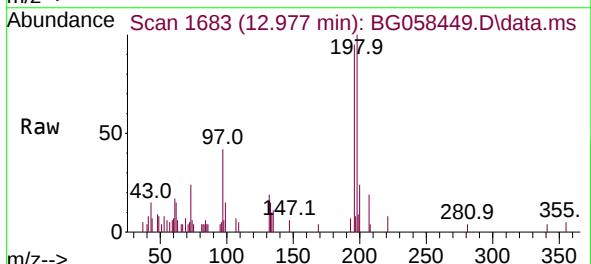
Tgt Ion:237 Resp: 3368
Ion Ratio Lower Upper
237 100
235 56.5 50.9 76.3
272 12.5 10.8 16.2

Manual Integrations
APPROVED

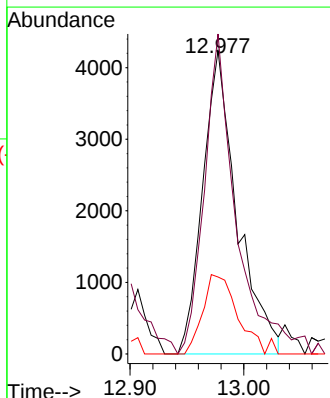
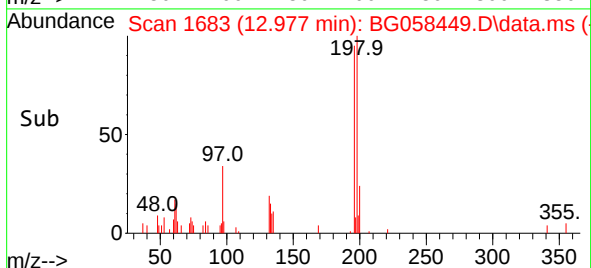
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

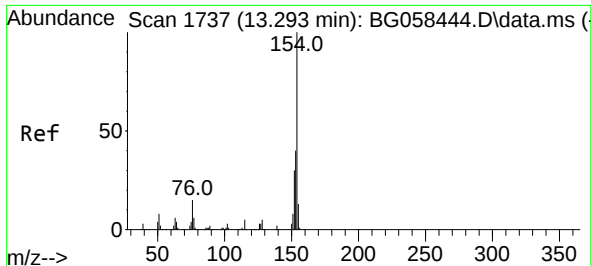


#42
2,4,5-Trichlorophenol
Concen: 3.402 ng/ul
RT: 12.977 min Scan# 1683
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



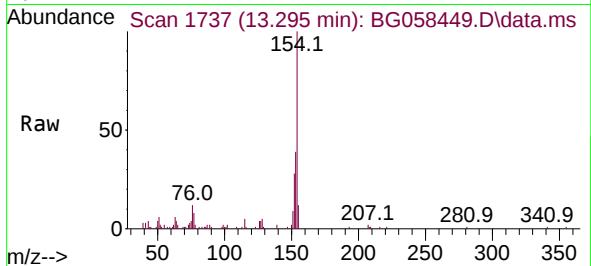
Tgt Ion:196 Resp: 8878
Ion Ratio Lower Upper
196 100
198 105.5 74.8 112.2
200 25.4 24.4 36.6





#43
1,1'-Biphenyl
Concen: 3.969 ng/ul
RT: 13.295 min Scan# 1737
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

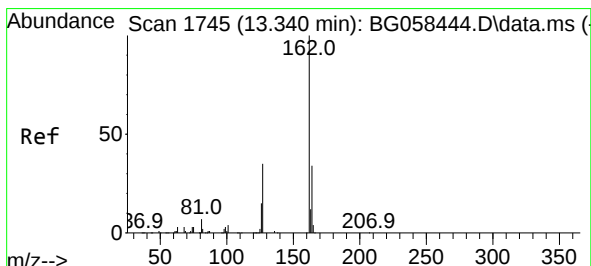
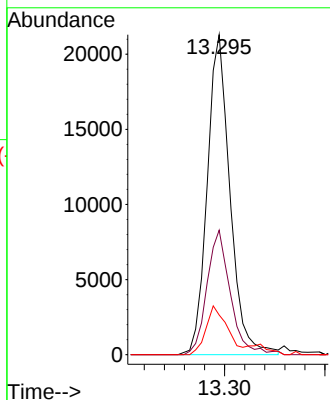
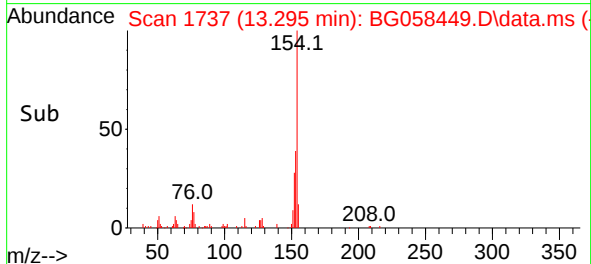
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:154 Resp: 3352
Ion Ratio Lower Upper
154 100
153 38.9 31.8 47.6
76 12.4 11.7 17.5

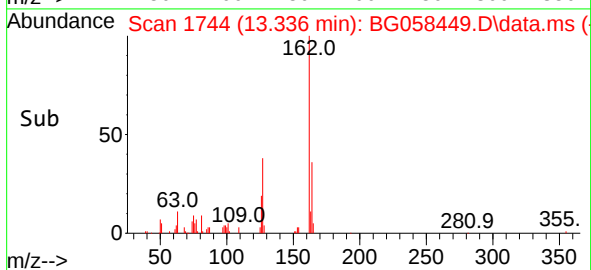
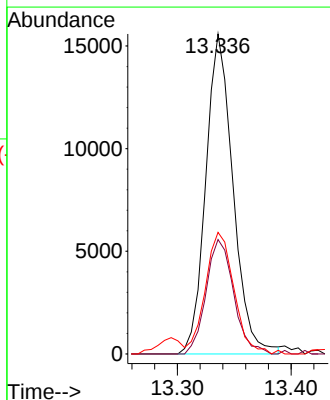
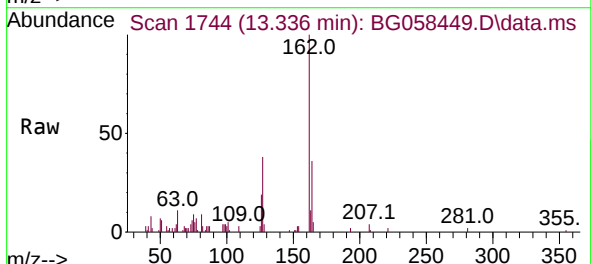
Manual Integrations
APPROVED

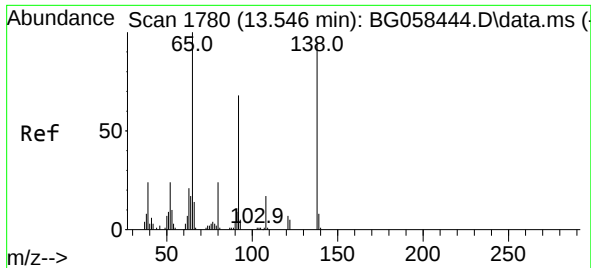
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#44
2-Chloronaphthalene
Concen: 3.866 ng/ul
RT: 13.336 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Tgt Ion:162 Resp: 25963
Ion Ratio Lower Upper
162 100
164 35.8 26.2 39.2
127 38.0 29.8 44.6





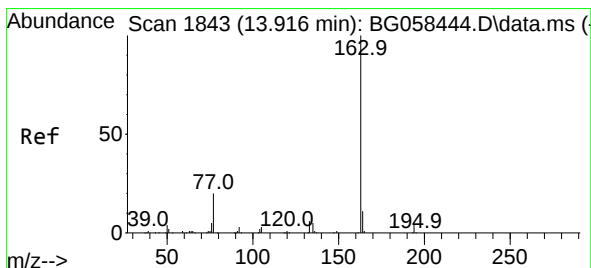
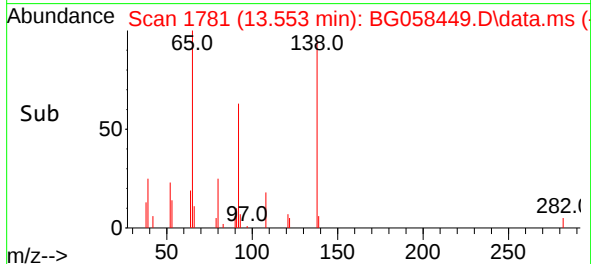
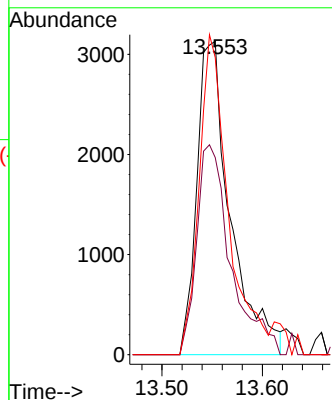
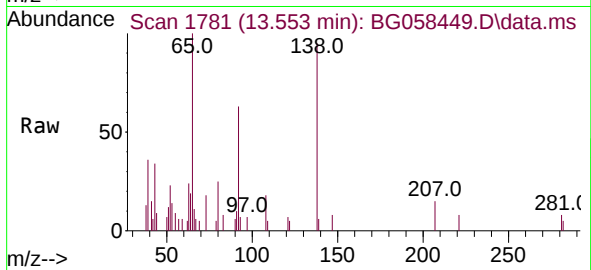
#45
2-Nitroaniline
Concen: 3.115 ng/ul
RT: 13.553 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Instrument :
BNA_G
ClientSampleId :
A4737MSD

Tgt Ion: 65 Resp: 726
Ion Ratio Lower Upper
65 100
92 62.9 51.4 77.2
138 94.8 71.6 107.4

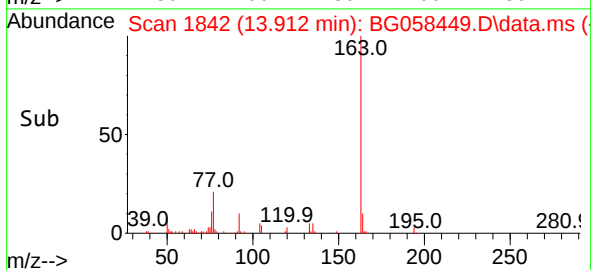
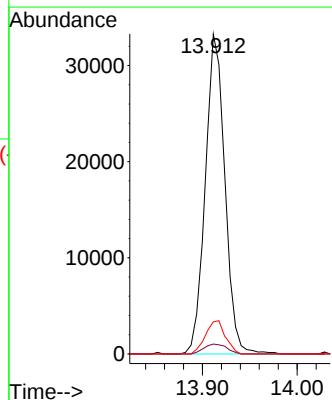
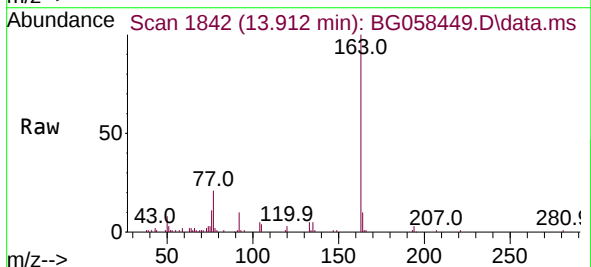
Manual Integrations
APPROVED

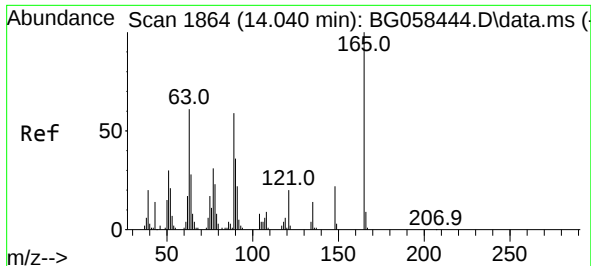
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#47
Dimethylphthalate
Concen: 4.941 ng/ul
RT: 13.912 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Tgt Ion:163 Resp: 47798
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.0 8.2 12.2





#48

2,6-Dinitrotoluene

Concen: 4.012 ng/ul

RT: 14.041 min Scan# 1864

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

A4737MSD

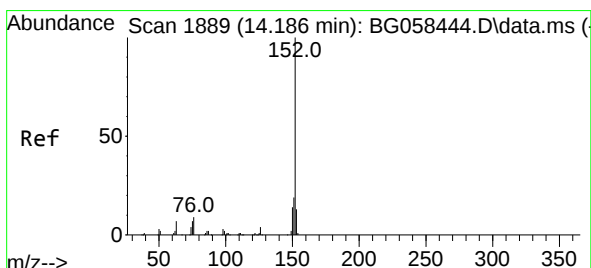
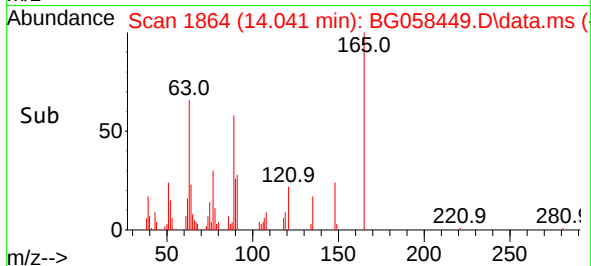
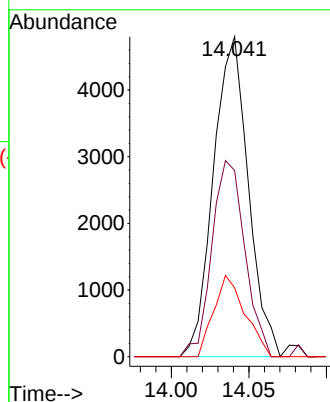
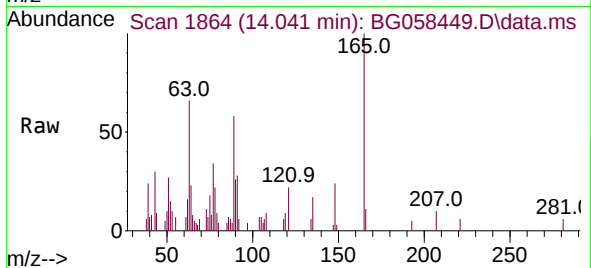
Tgt Ion:	165	Resp:	7500
Ion Ratio	Lower	Upper	
165	100		
89	58.2	48.9	73.3
121	21.5	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#50

Acenaphthylene

Concen: 3.831 ng/ul

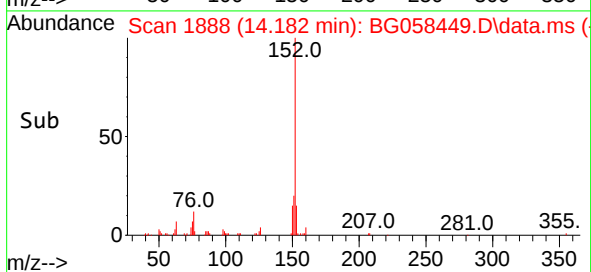
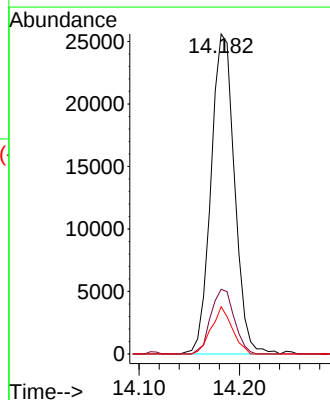
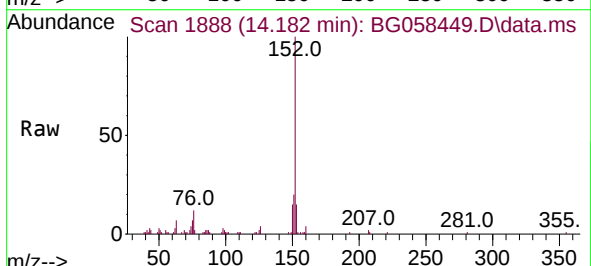
RT: 14.182 min Scan# 1888

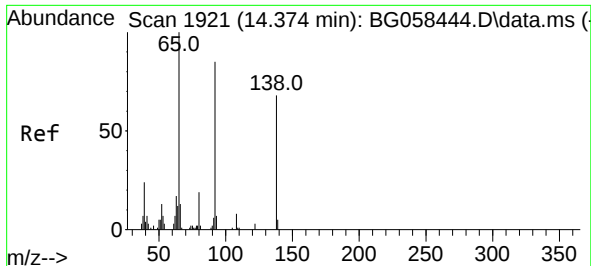
Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Tgt Ion:	152	Resp:	41741
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.4	24.6
153	14.7	10.6	16.0





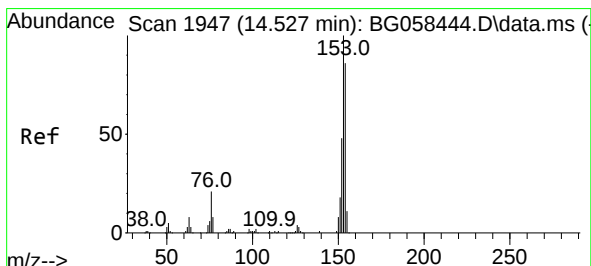
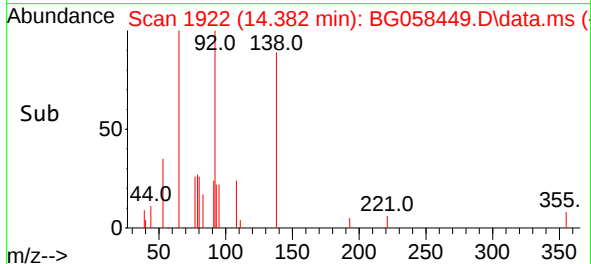
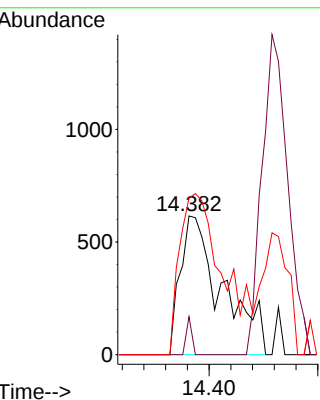
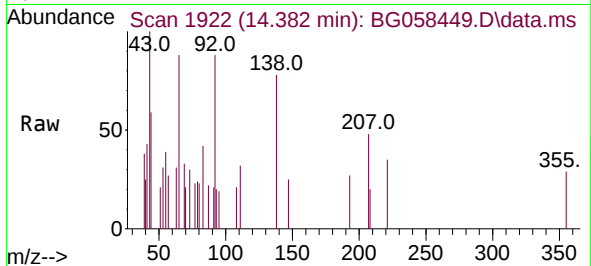
#51
3-Nitroaniline
Concen: 1.062 ng/ul m
RT: 14.382 min Scan# 1921
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Instrument :
BNA_G
ClientSampleId :
A4737MSD

Tgt Ion:138 Resp: 1654
Ion Ratio Lower Upper
138 100
108 27.3 8.6 13.0
92 112.8 108.4 162.6

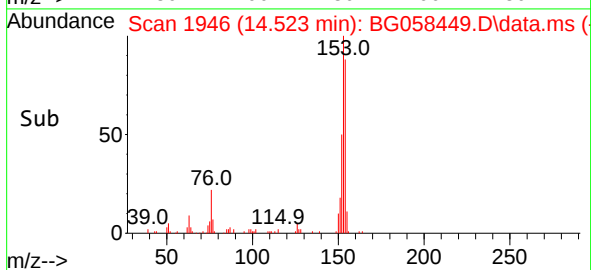
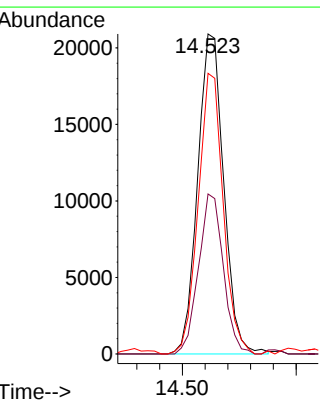
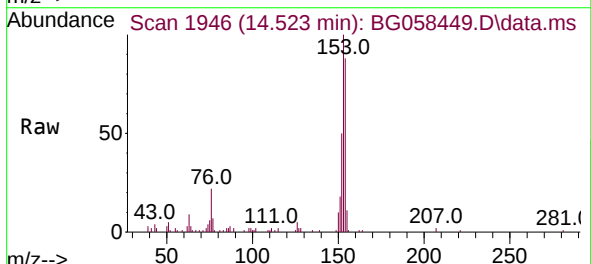
Manual Integrations
APPROVED

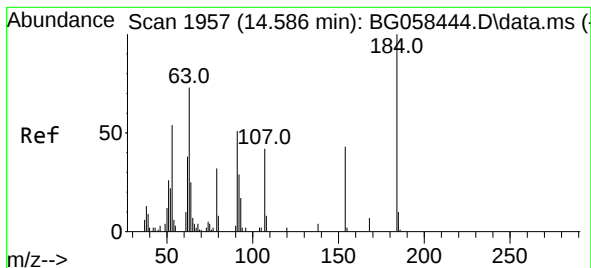
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#52
Acenaphthene
Concen: 4.402 ng/ul
RT: 14.523 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

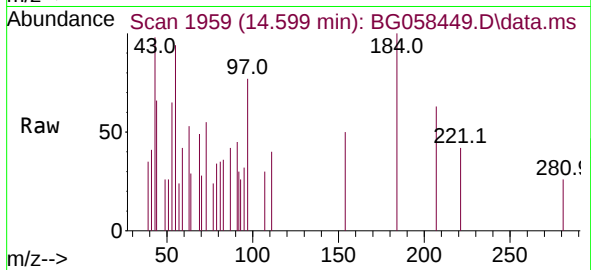
Tgt Ion:153 Resp: 33303
Ion Ratio Lower Upper
153 100
152 50.0 39.1 58.7
154 87.7 68.7 103.1





#53
2,4-Dinitrophenol
Concen: 1.226 ng/ul m
RT: 14.599 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

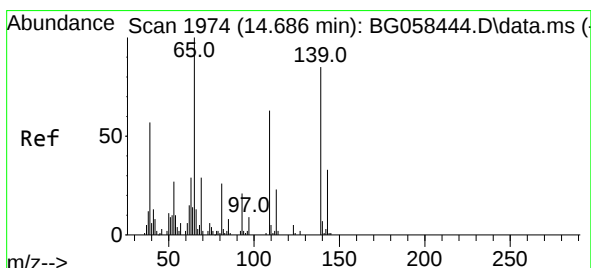
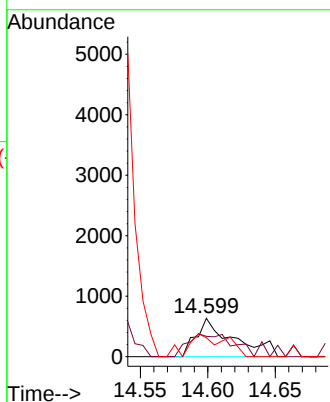
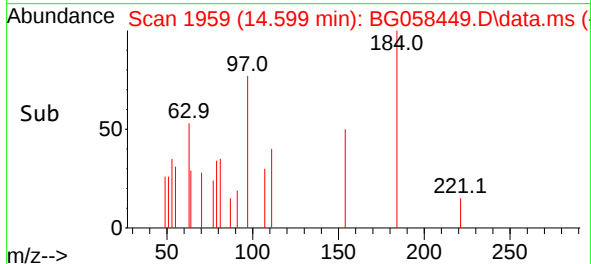
Instrument :
BNA_G
ClientSampleId :
A4737MSD



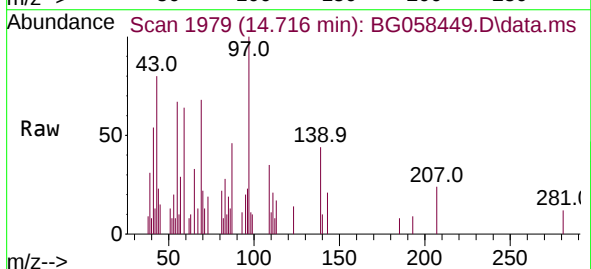
Tgt Ion:184 Resp: 1220
Ion Ratio Lower Upper
184 100
63 52.8 52.9 79.3
154 49.5 47.8 71.8

Manual Integrations
APPROVED

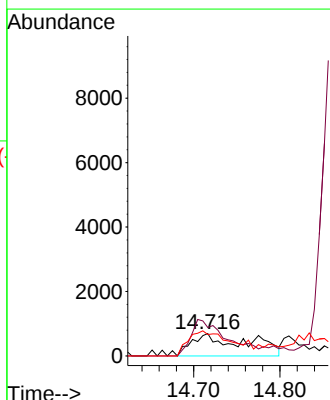
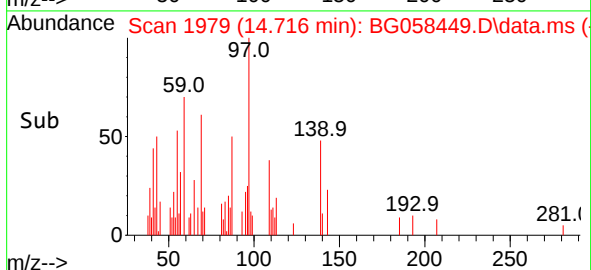
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

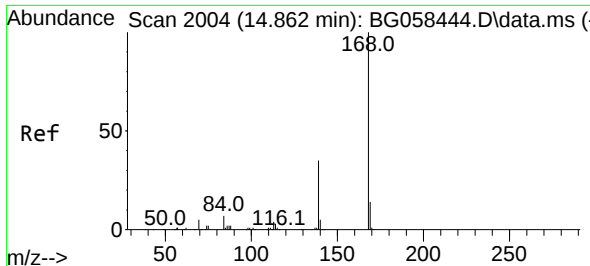


#55
4-Nitrophenol
Concen: 2.716 ng/ul m
RT: 14.716 min Scan# 1979
Delta R.T. 0.024 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



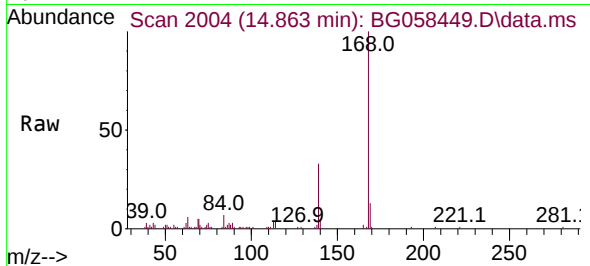
Tgt Ion:109 Resp: 3043
Ion Ratio Lower Upper
109 100
139 127.2 100.3 150.5
65 95.4 120.6 180.8





#56
Dibenzenofuran
Concen: 4.415 ng/ul
RT: 14.863 min Scan# 2004
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

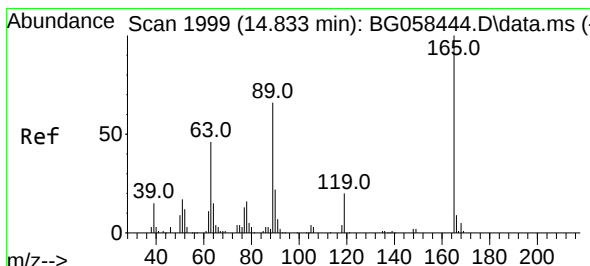
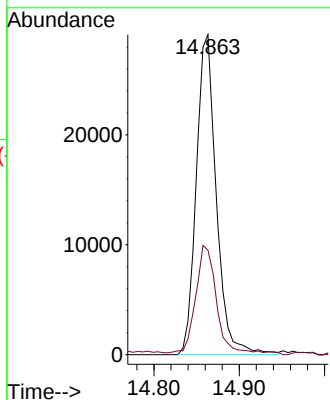
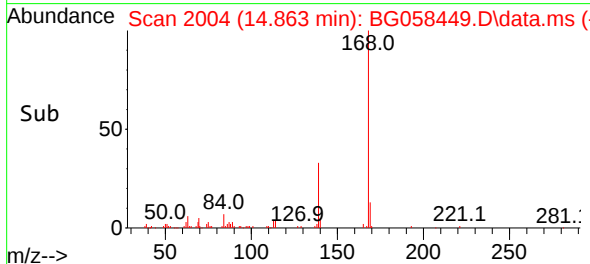
Instrument :
BNA_G
ClientSampleId :
A4737MSD



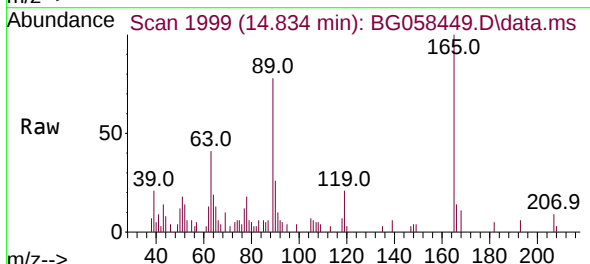
Tgt Ion:168 Resp: 4755
Ion Ratio Lower Upper
168 100
139 32.7 27.8 41.8

Manual Integrations
APPROVED

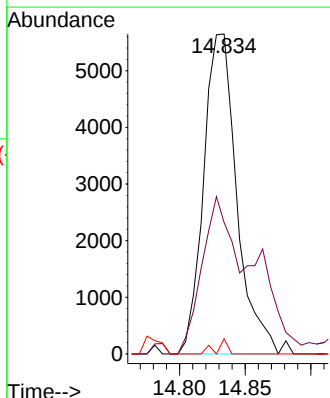
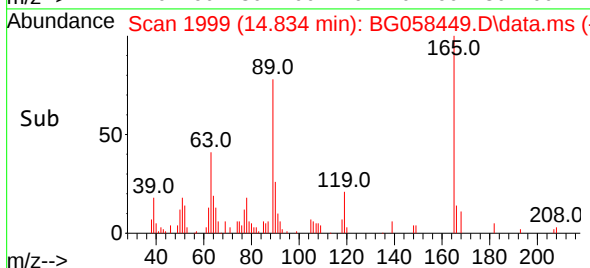
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

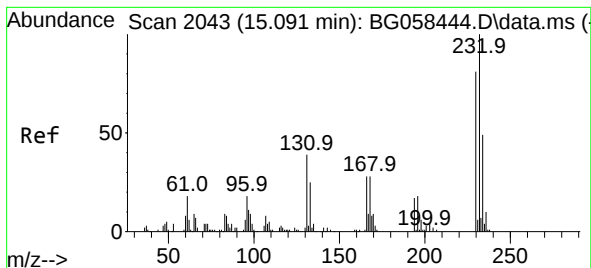


#57
2,4-Dinitrotoluene
Concen: 3.676 ng/ul
RT: 14.834 min Scan# 1999
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



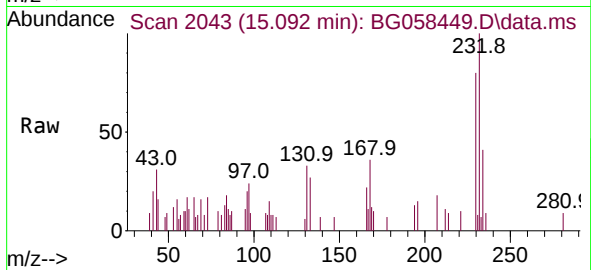
Tgt Ion:165 Resp: 9911
Ion Ratio Lower Upper
165 100
63 41.1 33.8 50.6
182 4.8 1.2 1.8#





#58
2,3,4,6-Tetrachlorophenol
Concen: 1.627 ng/ul
RT: 15.092 min Scan# 2043
Delta R.T. 0.001 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

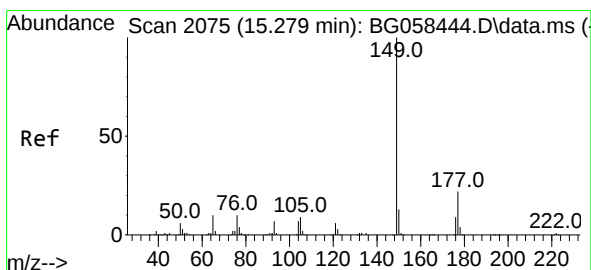
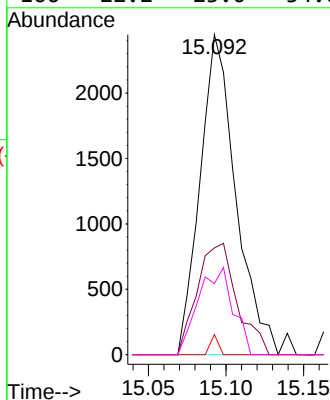
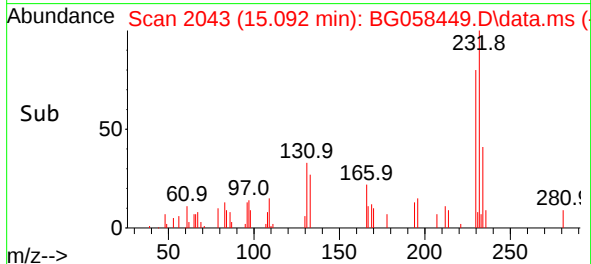
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:232 Resp: 3924
Ion Ratio Lower Upper
232 100
131 33.4 29.0 43.6
130 6.3 1.1 1.7
166 22.2 23.0 34.6#

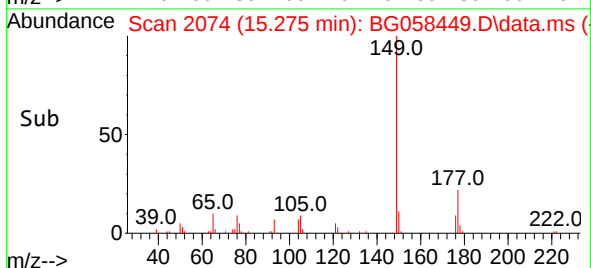
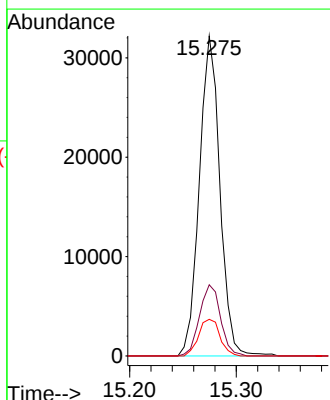
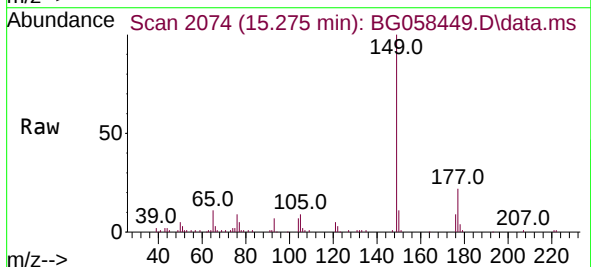
Manual Integrations
APPROVED

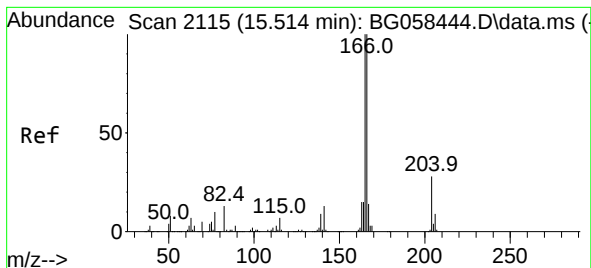
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#59
Diethylphthalate
Concen: 4.339 ng/ul
RT: 15.275 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Tgt Ion:149 Resp: 43243
Ion Ratio Lower Upper
149 100
177 22.2 18.4 27.6
150 11.4 10.0 15.0





#61

Fluorene

Concen: 4.641 ng/ul

RT: 15.510 min Scan# 2115

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

A4737MSD

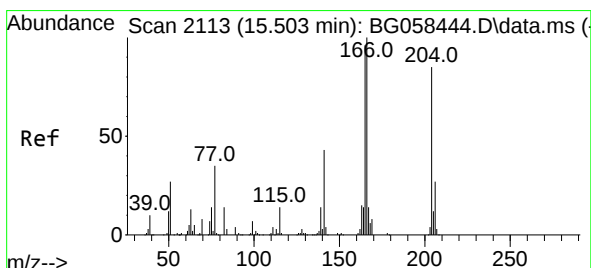
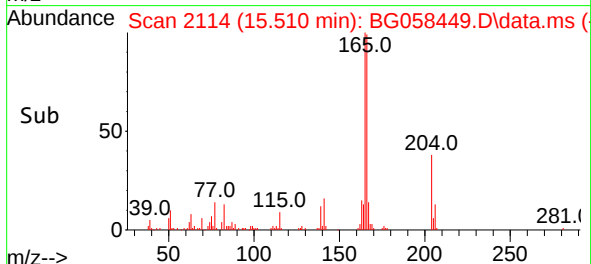
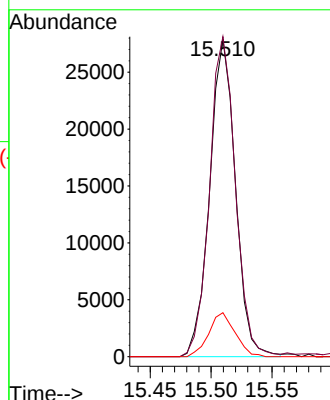
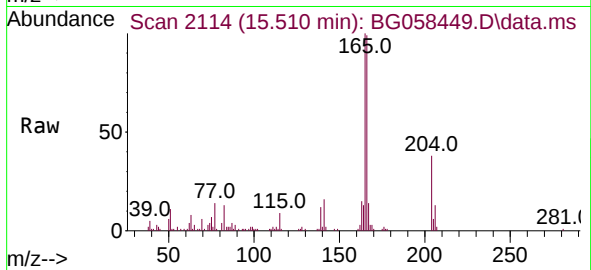
Tgt Ion:166 Resp: 40992
 Ion Ratio Lower Upper
 166 100
 165 100.8 80.2 120.2
 167 13.8 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#62

4-Chlorophenyl-phenylether

Concen: 4.450 ng/ul

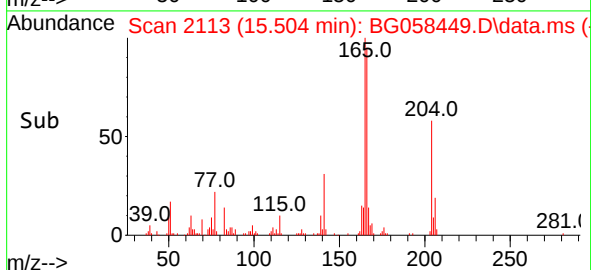
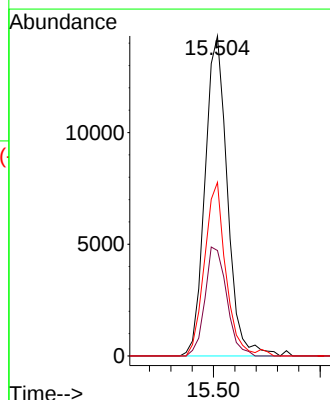
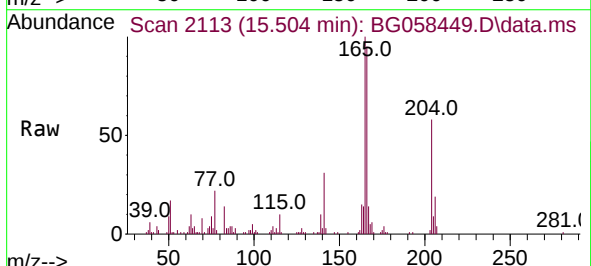
RT: 15.504 min Scan# 2113

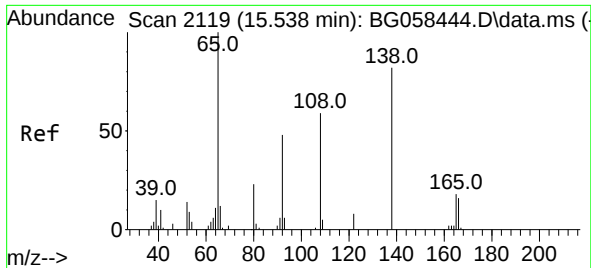
Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Tgt Ion:204 Resp: 20867
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.0 39.0
 141 54.3 42.2 63.2





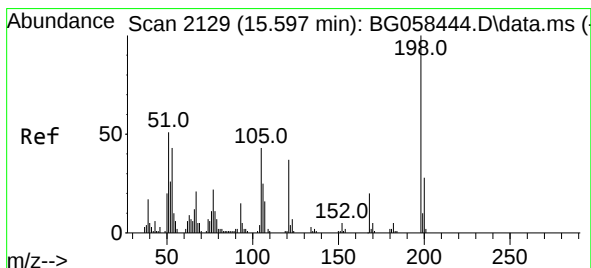
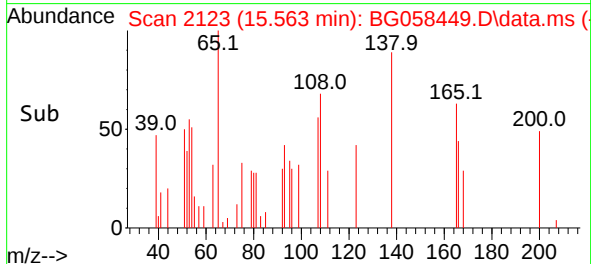
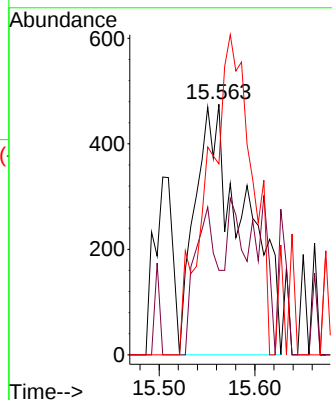
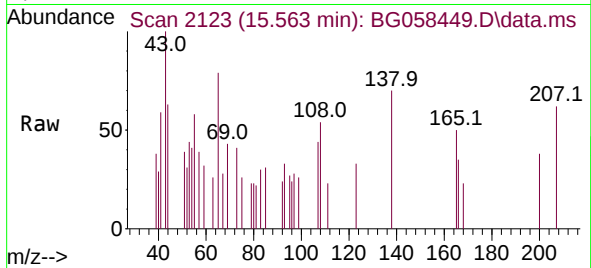
#63
4-Nitroaniline
Concen: 1.215 ng/ul m
RT: 15.563 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

Instrument :
BNA_G
ClientSampleId :
A4737MSD

Tgt Ion:138 Resp: 171
Ion Ratio Lower Upper
138 100
92 33.7 45.0 67.4
108 76.2 60.8 91.2

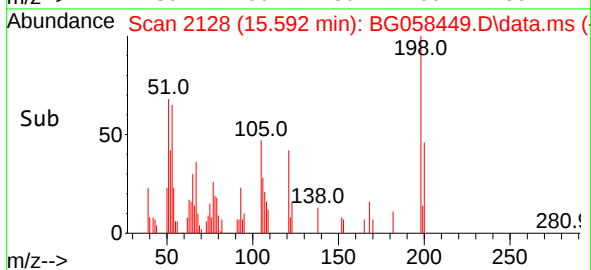
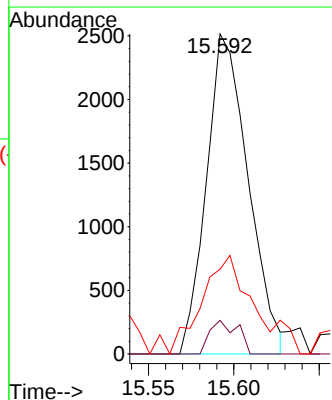
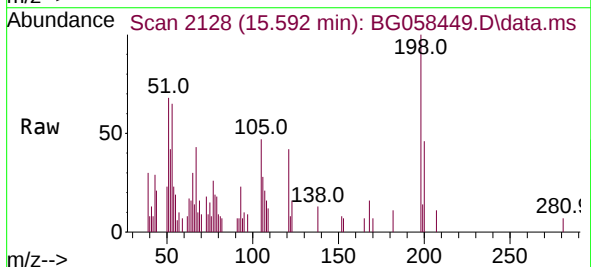
Manual Integrations
APPROVED

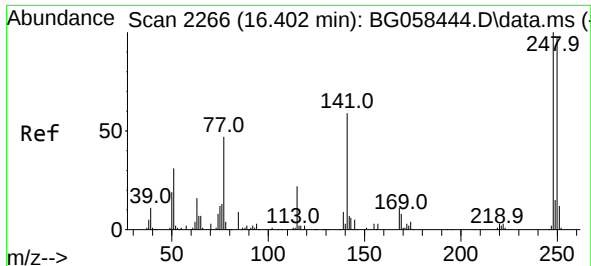
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#66
4,6-Dinitro-2-methylphenol
Concen: 2.429 ng/ul
RT: 15.592 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

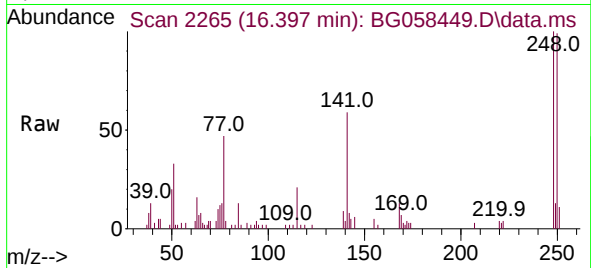
Tgt Ion:198 Resp: 4278
Ion Ratio Lower Upper
198 100
182 10.5 3.4 5.2
77 26.4 18.4 27.6





#68
4-Bromophenyl-phenylether
Concen: 4.177 ng/ul
RT: 16.397 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

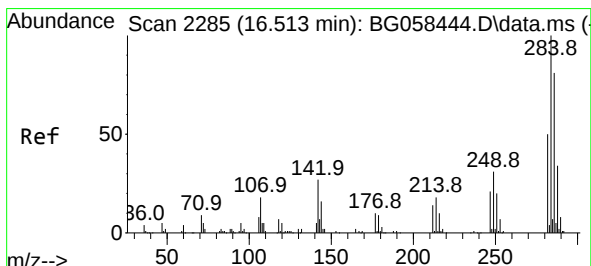
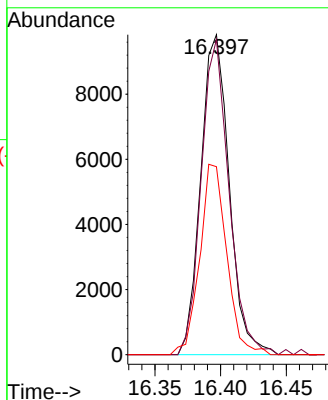
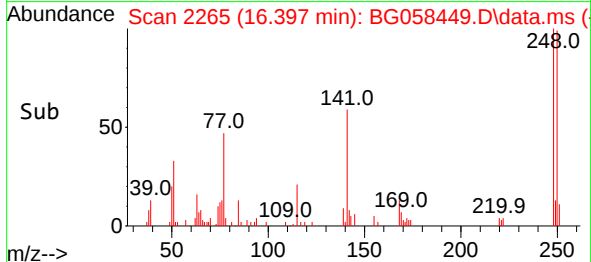
Instrument :
BNA_G
ClientSampleId :
A4737MSD



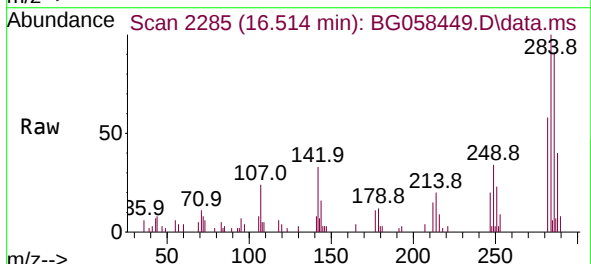
Tgt Ion:248 Resp: 1486
Ion Ratio Lower Upper
248 100
250 98.5 73.8 110.6
141 58.8 48.2 72.2

Manual Integrations
APPROVED

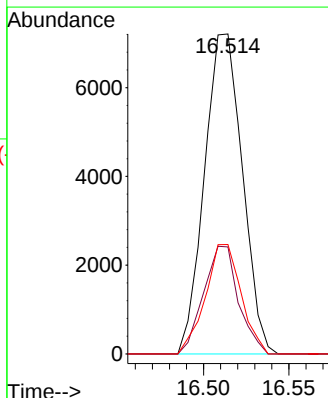
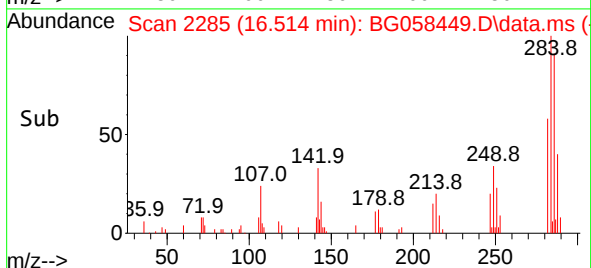
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

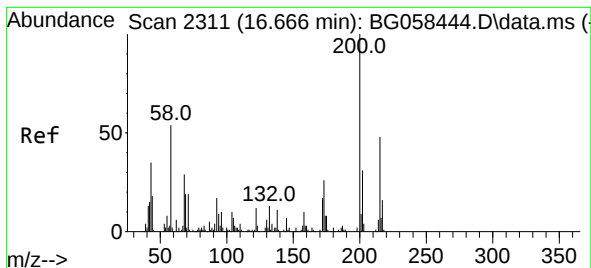


#69
Hexachlorobenzene
Concen: 2.779 ng/ul
RT: 16.514 min Scan# 2285
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52



Tgt Ion:284 Resp: 11158
Ion Ratio Lower Upper
284 100
142 31.6 20.5 30.7#
249 32.3 25.2 37.8





#70

Atrazine

Concen: 3.395 ng/ul

RT: 16.661 min Scan# 2110

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

A4737MSD

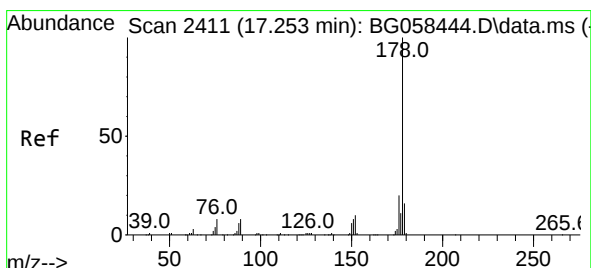
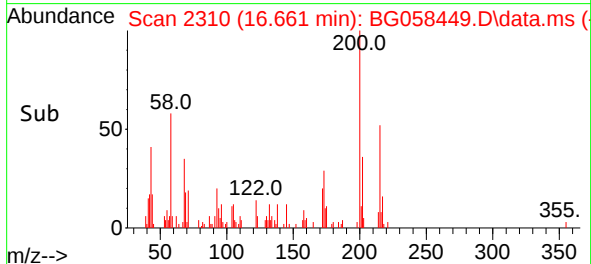
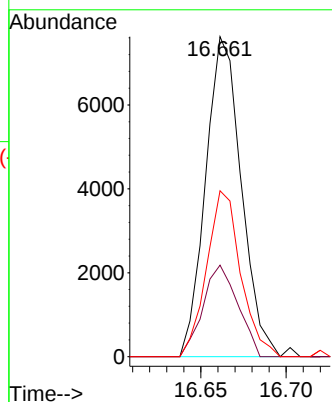
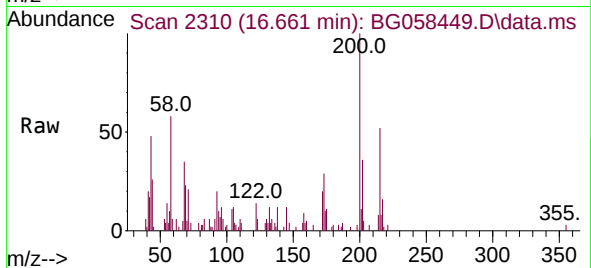
Tgt Ion:	200	Resp:	11085
Ion Ratio	Lower	Upper	
200	100		
173	28.6	19.8	29.8
215	51.8	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#72

Phenanthrene

Concen: 5.286 ng/ul

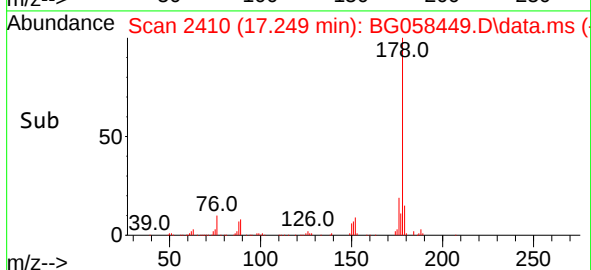
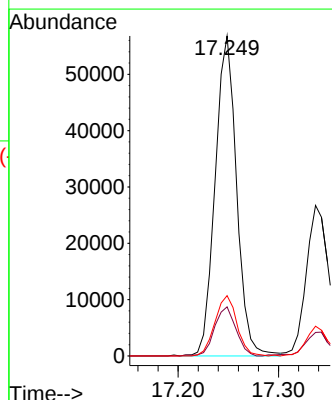
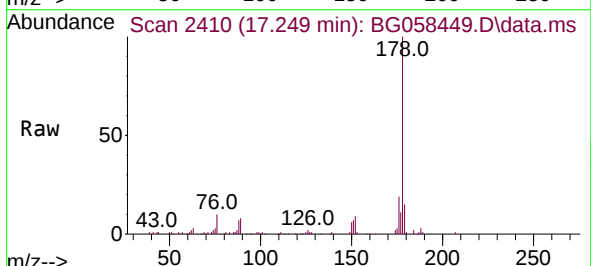
RT: 17.249 min Scan# 2410

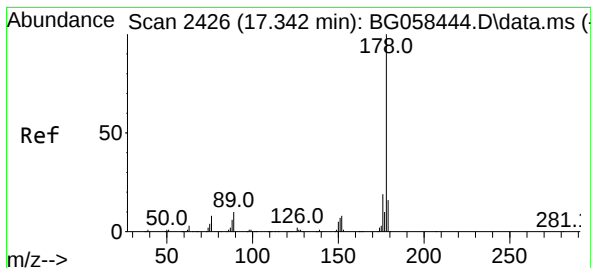
Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Tgt Ion:	178	Resp:	84389
Ion Ratio	Lower	Upper	
178	100		
179	15.4	11.9	17.9
176	18.9	15.8	23.8





#74

Anthracene

Concen: 2.522 ng/uI

RT: 17.337 min Scan# 2426

Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

Instrument :

BNA_G

ClientSampleId :

A4737MSD

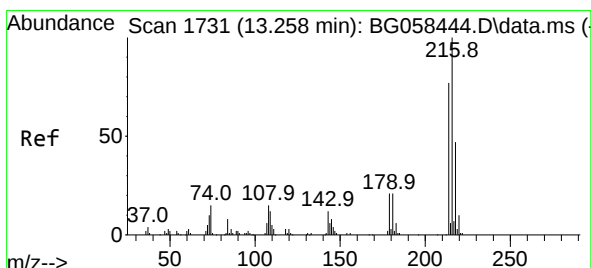
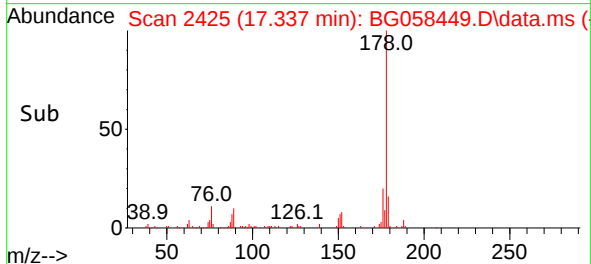
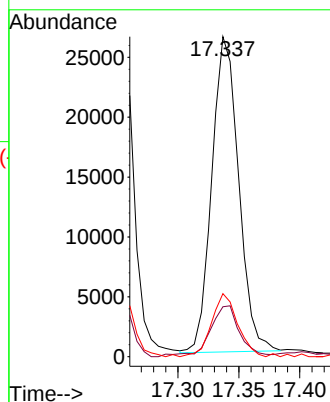
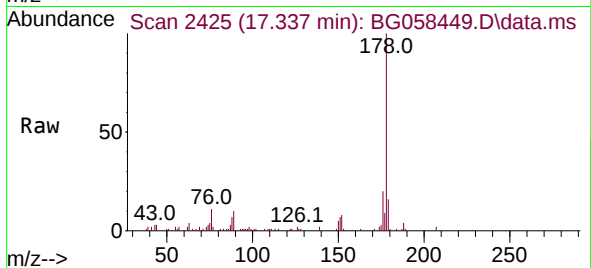
Tgt Ion:	178	Resp:	4042
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.4	20.2
176	19.7	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.102 ng/uI

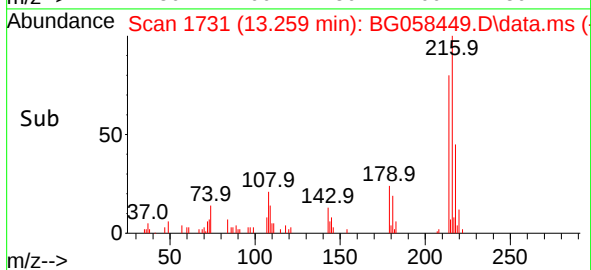
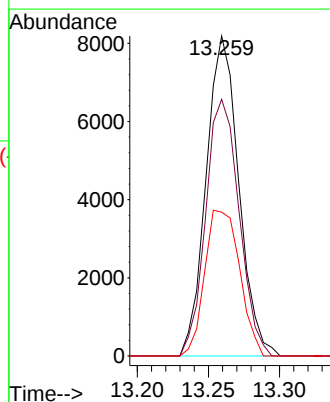
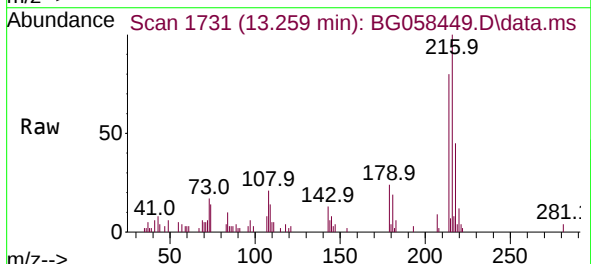
RT: 13.259 min Scan# 1731

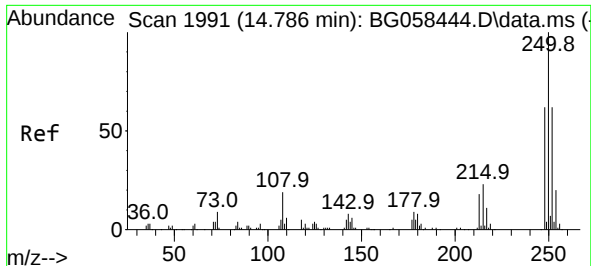
Delta R.T. -0.005 min

Lab File: BG058449.D

Acq: 25 Jul 2023 16:52

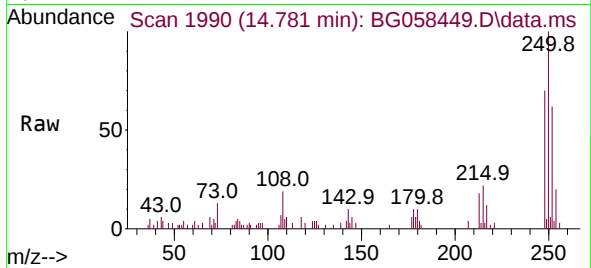
Tgt Ion:	216	Resp:	13073
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.2	93.4
218	45.0	40.9	61.3





#76
 Pentachlorobenzene
 Concen: 3.182 ng/uL
 RT: 14.781 min Scan# 1991
 Delta R.T. -0.005 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

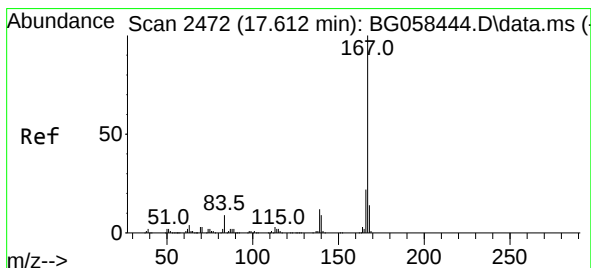
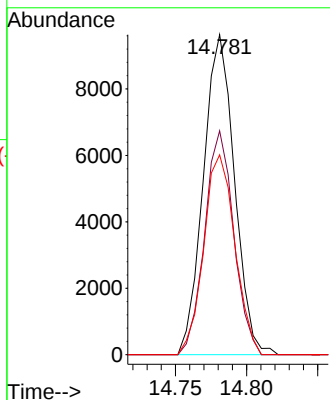
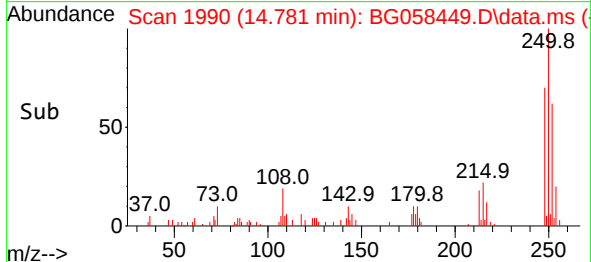
Instrument :
 BNA_G
 ClientSampleId :
 A4737MSD



Tgt Ion:250 Resp: 14662
 Ion Ratio Lower Upper
 250 100
 248 69.9 51.6 77.4
 252 62.5 54.4 81.6

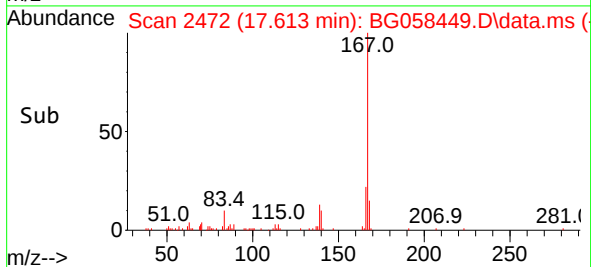
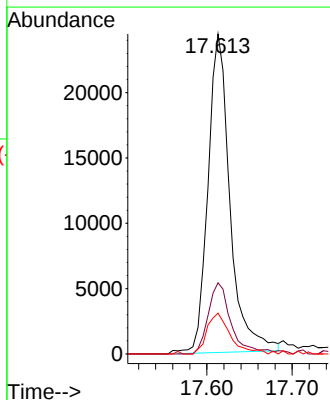
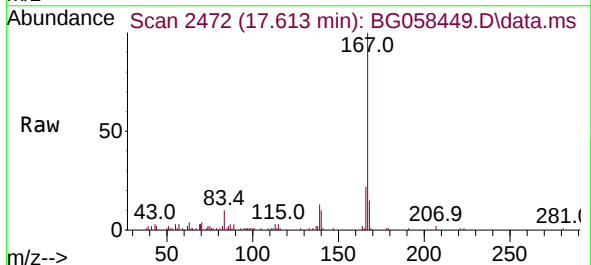
Manual Integrations
 APPROVED

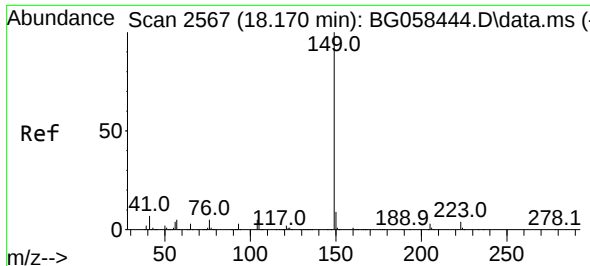
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#77
 Carbazole
 Concen: 3.155 ng/uL
 RT: 17.613 min Scan# 2472
 Delta R.T. -0.005 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

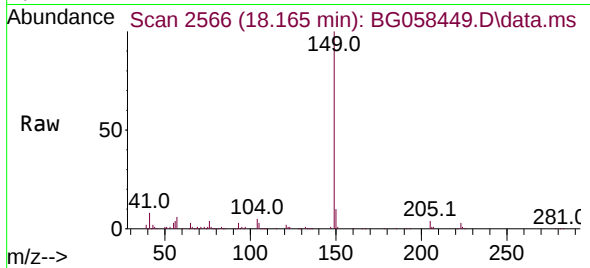
Tgt Ion:167 Resp: 43829
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.7 9.4 14.0





#78
Di-n-butylphthalate
Concen: 5.113 ng/ul
RT: 18.165 min Scan# 2566
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

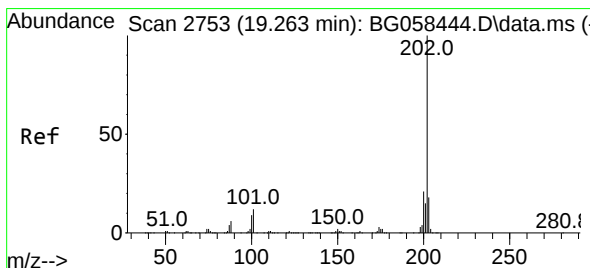
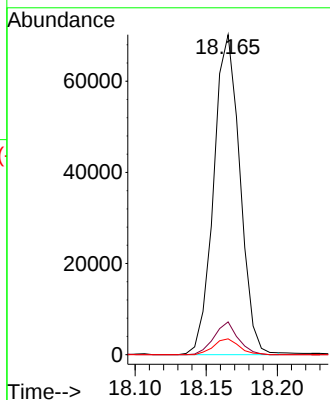
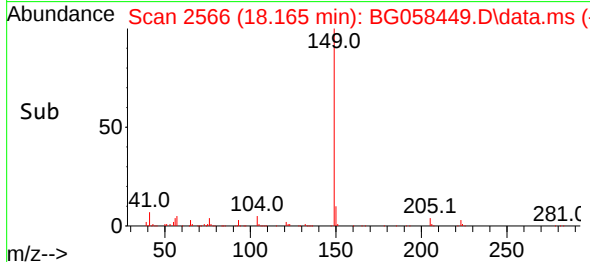
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:149 Resp: 9026
Ion Ratio Lower Upper
149 100
150 10.2 7.2 10.8
104 5.0 3.9 5.9

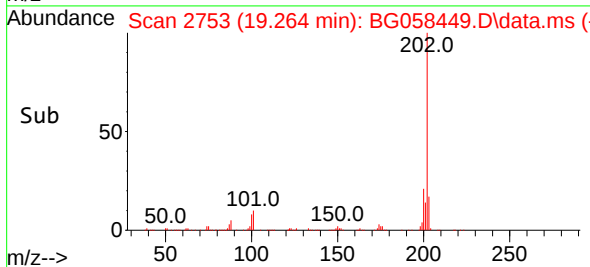
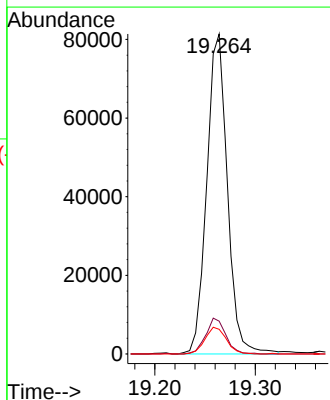
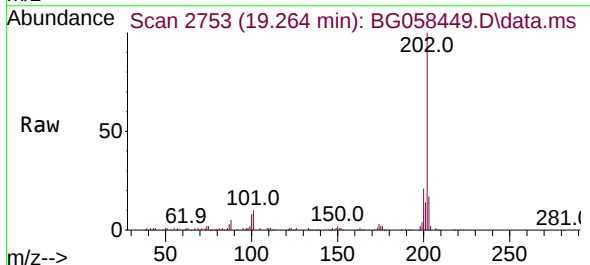
Manual Integrations
APPROVED

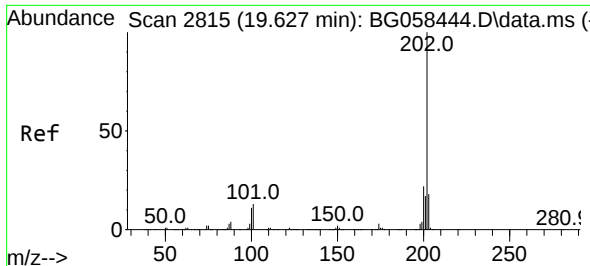
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#80
Fluoranthene
Concen: 5.722 ng/ul
RT: 19.264 min Scan# 2753
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

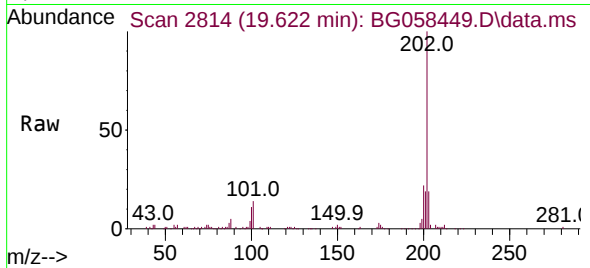
Tgt Ion:202 Resp: 116181
Ion Ratio Lower Upper
202 100
101 10.3 8.6 12.8
100 7.7 7.2 10.8





#82
 Pyrene
 Concen: 3.988 ng/ul
 RT: 19.622 min Scan# 2815
 Delta R.T. -0.005 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

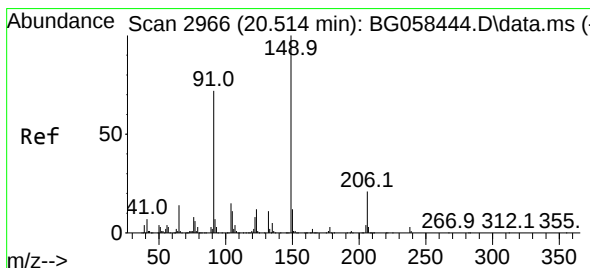
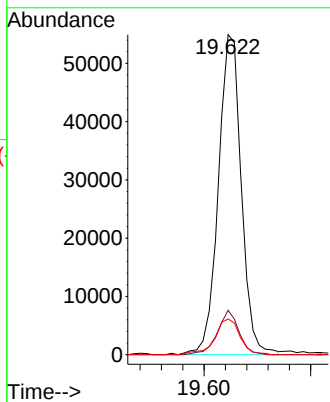
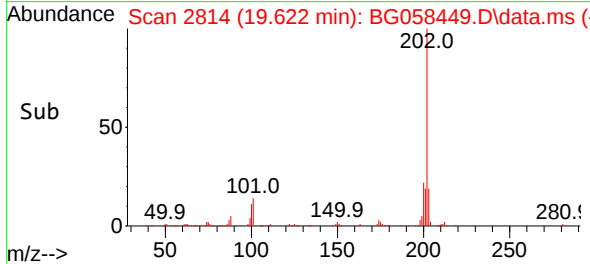
Instrument :
 BNA_G
 ClientSampleId :
 A4737MSD



Tgt Ion:202 Resp: 8205
 Ion Ratio Lower Upper
 202 100
 101 13.8 10.2 15.2
 100 11.1 8.9 13.3

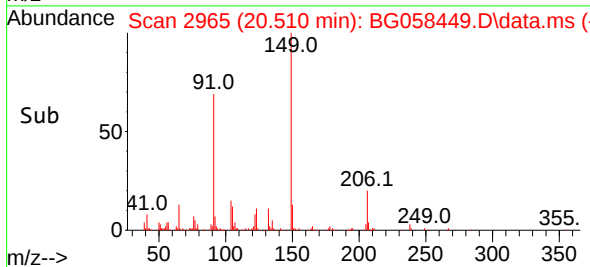
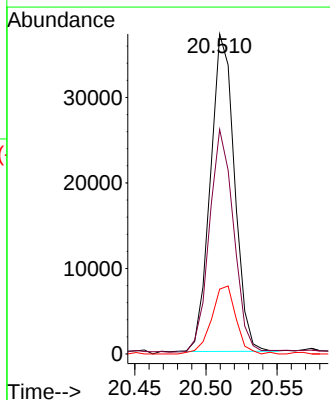
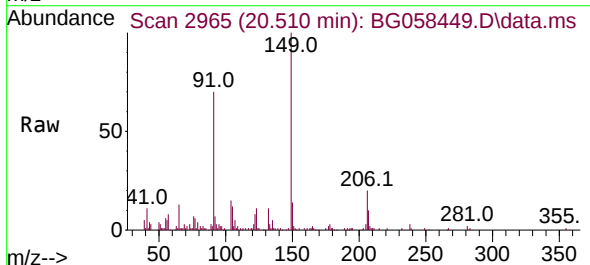
Manual Integrations
 APPROVED

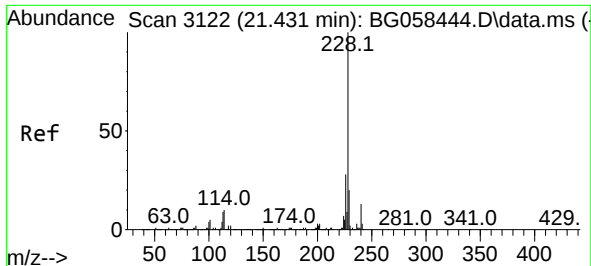
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#83
 Butylbenzylphthalate
 Concen: 5.390 ng/ul
 RT: 20.510 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

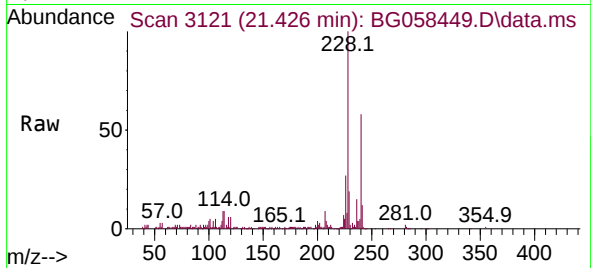
Tgt Ion:149 Resp: 43665
 Ion Ratio Lower Upper
 149 100
 91 70.2 59.9 89.9
 206 20.3 16.9 25.3





#85
Benzo(a)anthracene
Concen: 4.666 ng/ul
RT: 21.426 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

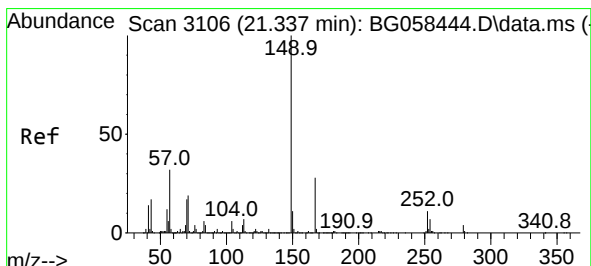
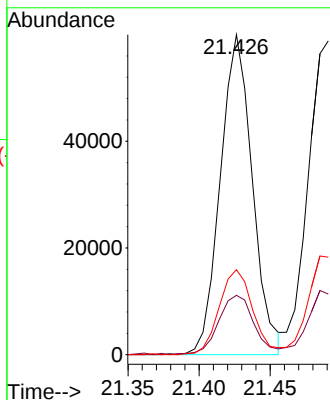
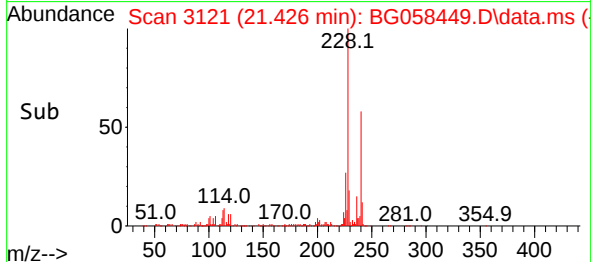
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:228 Resp: 9411
Ion Ratio Lower Upper
228 100
229 18.5 15.7 23.5
226 26.5 21.8 32.8

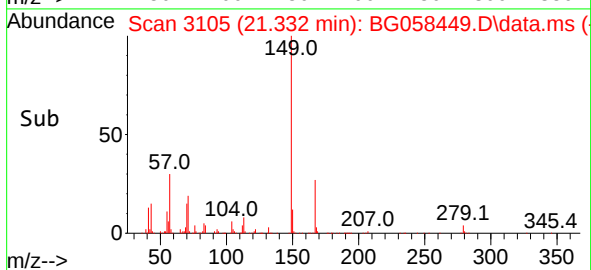
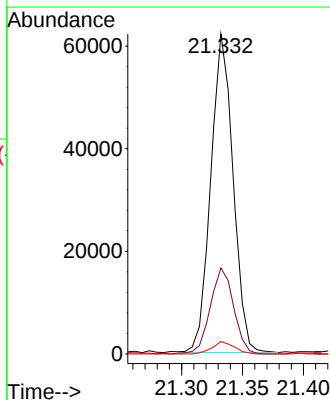
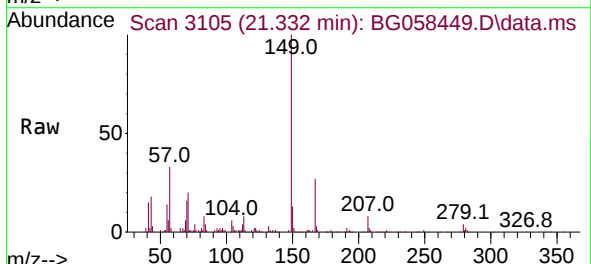
Manual Integrations
APPROVED

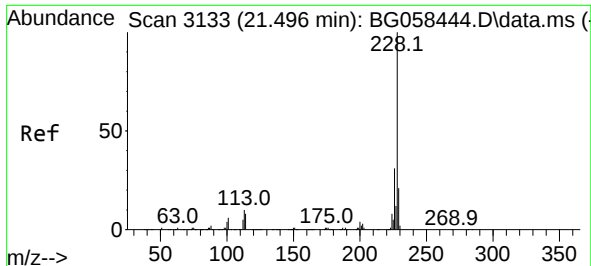
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 6.849 ng/ul
RT: 21.332 min Scan# 3105
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

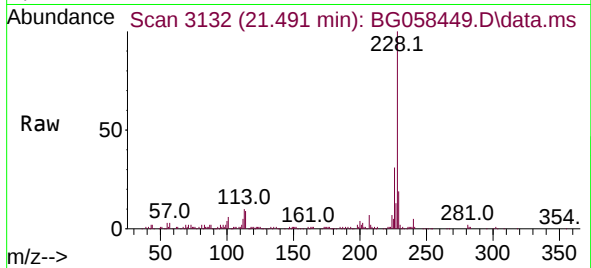
Tgt Ion:149 Resp: 78921
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 3.9 3.0 4.4





#87
Chrysene
Concen: 5.164 ng/ul
RT: 21.491 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

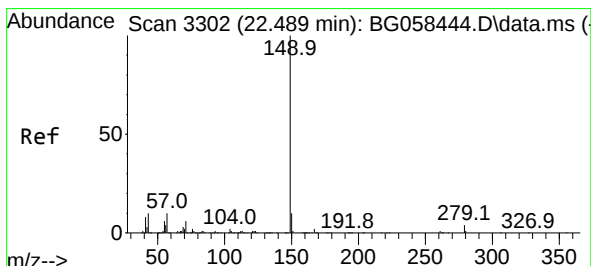
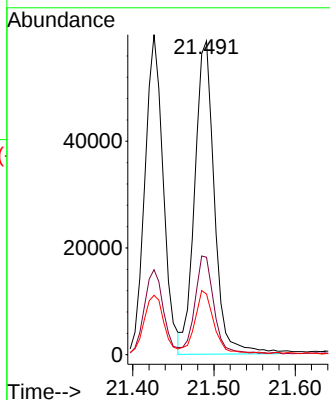
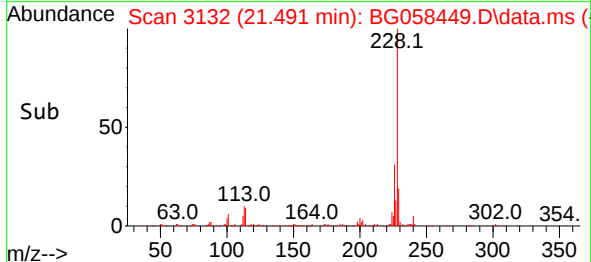
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:228 Resp: 98808
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 19.3 15.8 23.8

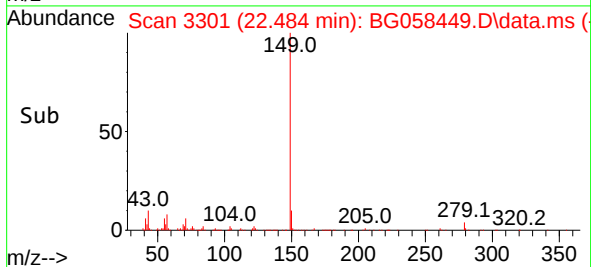
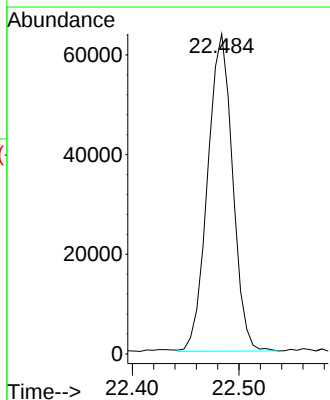
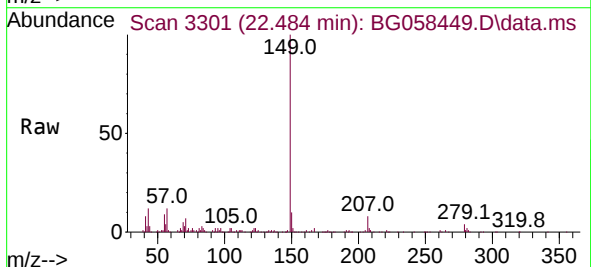
Manual Integrations
APPROVED

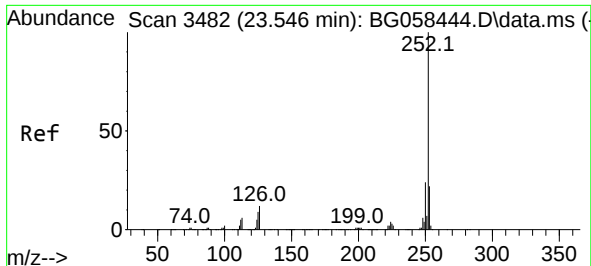
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#89
Di-n-octyl phthalate
Concen: 5.463 ng/ul
RT: 22.484 min Scan# 3301
Delta R.T. -0.005 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

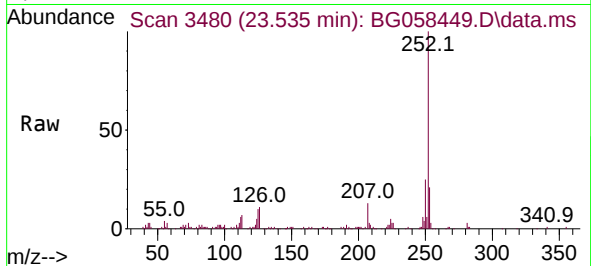
Tgt Ion:149 Resp: 103508





#90
Benzo(b)fluoranthene
Concen: 5.001 ng/ul
RT: 23.535 min Scan# 3482
Delta R.T. -0.011 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

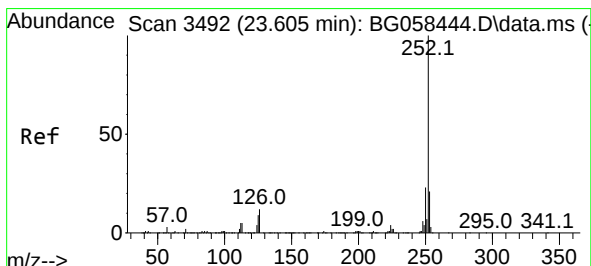
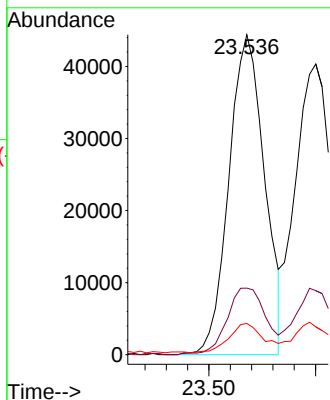
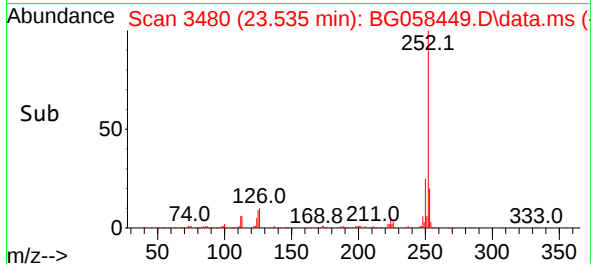
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:252 Resp: 10304
Ion Ratio Lower Upper
252 100
253 20.8 17.9 26.9
125 9.7 6.7 10.1

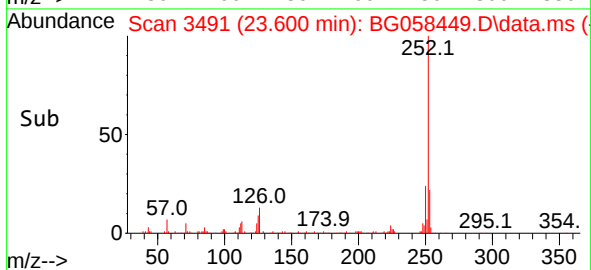
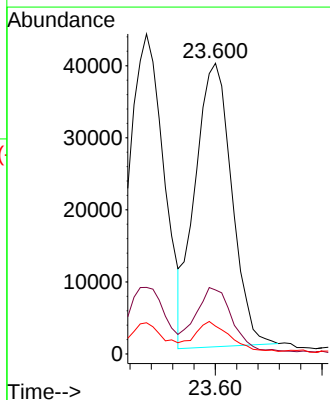
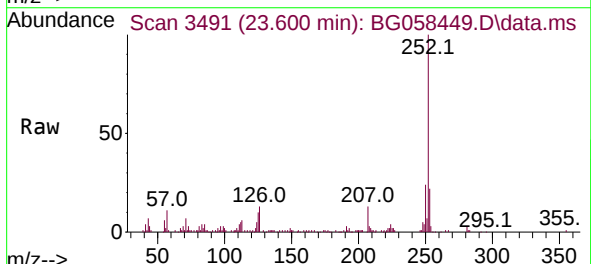
Manual Integrations
APPROVED

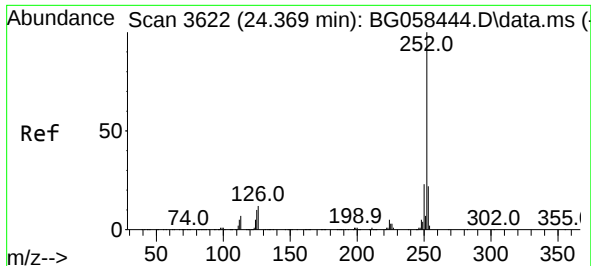
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#91
Benzo(k)fluoranthene
Concen: 4.573 ng/ul
RT: 23.600 min Scan# 3491
Delta R.T. -0.011 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

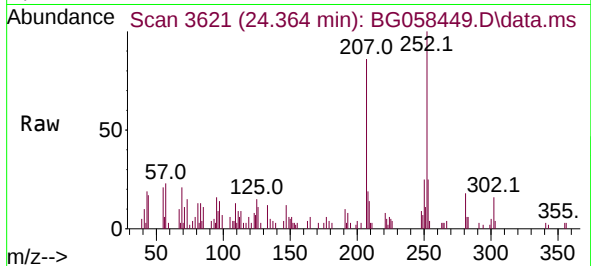
Tgt Ion:252 Resp: 93984
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 9.6 7.4 11.0





#93
Benzo(a)pyrene
Concen: 1.068 ng/ul
RT: 24.364 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

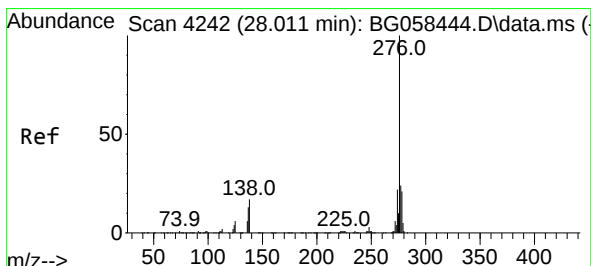
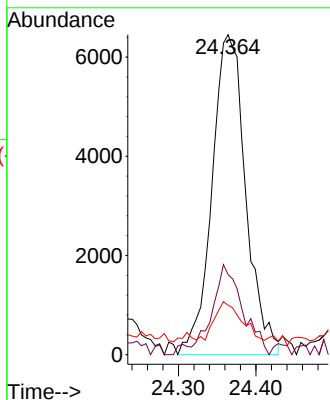
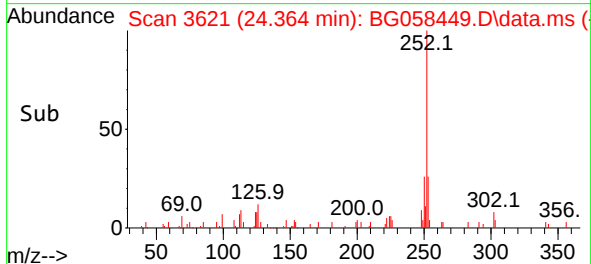
Instrument :
BNA_G
ClientSampleId :
A4737MSD



Tgt Ion:252 Resp: 1956
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 15.5 7.7 11.5

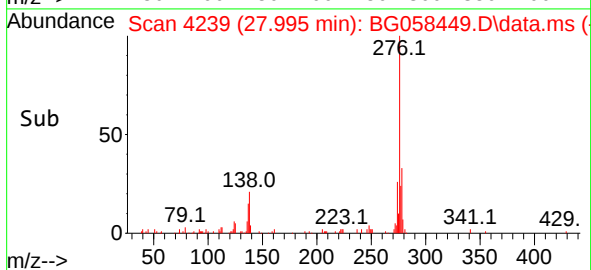
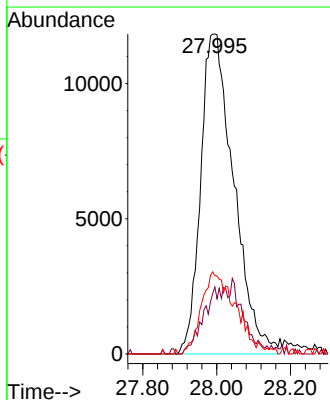
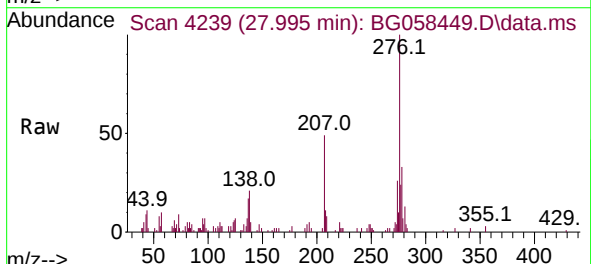
Manual Integrations
APPROVED

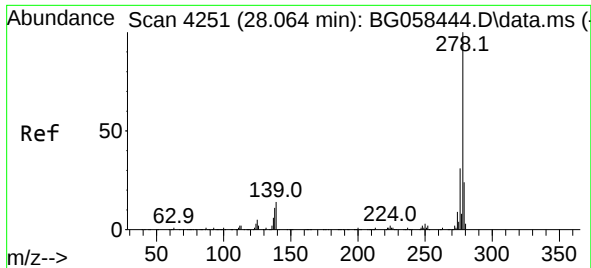
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.043 ng/ul m
RT: 27.995 min Scan# 4239
Delta R.T. -0.017 min
Lab File: BG058449.D
Acq: 25 Jul 2023 16:52

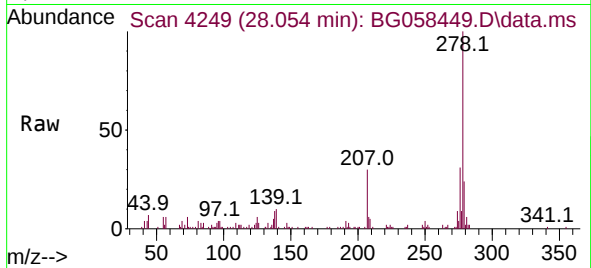
Tgt Ion:276 Resp: 73473
Ion Ratio Lower Upper
276 100
138 20.9 13.8 20.6#
277 24.5 19.2 28.8





#95
 Dibenzo(a,h)anthracene
 Concen: 4.528 ng/ul m
 RT: 28.054 min Scan# 4249
 Delta R.T. -0.017 min
 Lab File: BG058449.D
 Acq: 25 Jul 2023 16:52

Instrument :
 BNA_G
 ClientSampleId :
 A4737MSD



Tgt Ion:278 Resp: 8965
 Ion Ratio Lower Upper
 278 100
 139 10.0 10.4 15.6
 279 23.6 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

