

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061697.D
 Acq On : 25 Jun 2024 10:42
 Operator : MA/JU
 Sample : P2844-02DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4DK4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 11:20:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	62456	20.000	ng/u1	0.00
20) Naphthalene-d8	10.885	136	332545	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	248966	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	575645	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	473376	20.000	ng/u1	0.00
88) Perylene-d12	24.939	264	553064	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	1448	0.838	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.213	99	35971	5.305	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	21259	5.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.594	132	24601	5.287	ng/u1	0.00
15) 4-Methylphenol-d8	8.764	113	25959	4.953	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	13382	5.927	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	13984	6.115	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	40811	7.537	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	36368	4.436	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	123402	6.441	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	126935	6.046	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	18919	5.750	ng/u1	0.00
60) Fluorene-d10	15.691	176	111351	6.639	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	13693	5.563	ng/u1	0.00
73) Anthracene-d10	17.542	188	182017	6.927	ng/u1	0.00
81) Pyrene-d10	19.821	212	200299	7.575	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	191208	7.239	ng/u1	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.236	94	35823	5.021	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.489	93	150675	28.057	ng/u1	95
12) 2-Chlorophenol	7.630	128	100272	21.481	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.875	70	142292	30.691	ng/u1#	92
23) Isophorone	9.804	82	448423	29.976	ng/u1	99
25) 2-Nitrophenol	9.992	139	42310	17.693	ng/u1#	86
29) 2,4-Dichlorophenol	10.526	162	212052	42.741	ng/u1	96
30) Naphthalene	10.938	128	540921	29.071	ng/u1	99
35) 4-Chloro-3-methylphenol	12.142	107	40883	5.893	ng/u1	99
36) 2-Methylnaphthalene	12.536	142	430434	32.784	ng/u1	96
41) 2,4,6-Trichlorophenol	13.129	196	34514	7.592	ng/u1	95
42) 2,4,5-Trichlorophenol	13.200	196	73436	14.821	ng/u1	93
48) 2,6-Dinitrotoluene	14.275	165	224449	71.094	ng/u1#	92
50) Acenaphthylene	14.428	152	507112	21.637	ng/u1	98
52) Acenaphthene	14.768	153	528221	32.543	ng/u1	94
55) 4-Nitrophenol	14.886	109	36326	10.691	ng/u1	95
56) Dibenzofuran	15.097	168	402915	17.739	ng/u1	95
57) 2,4-Dinitrotoluene	15.050	165	79103	16.880	ng/u1	97
59) Diethylphthalate	15.515	149	769266	39.259	ng/u1	96
61) Fluorene	15.750	166	439599	23.386	ng/u1	93
62) 4-Chlorophenyl-phenyle...	15.744	204	212740	22.798	ng/u1	93
68) 4-Bromophenyl-phenylether	16.631	248	115614	19.506	ng/u1	90
71) Pentachlorophenol	17.083	266	122343	27.923	ng/u1	95
72) Phenanthrene	17.489	178	348388	11.504	ng/u1	99

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

74) Anthracene	17.577	178	868868	28.056	ng/ul	99
78) Di-n-butylphthalate	18.405	149	976284	31.043	ng/ul	98
80) Fluoranthene	19.492	202	707228	23.052	ng/ul	98
83) Butylbenzylphthalate	20.744	149	74776	6.296	ng/ul	91
85) Benzo(a)anthracene	21.690	228	514275	15.477	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.613	149	1368900	78.405	ng/ul	96
89) Di-n-octyl phthalate	22.835	149	1266519	43.418	ng/ul	100
90) Benzo(b)fluoranthene	23.911	252	405107	12.185	ng/ul	99
91) Benzo(k)fluoranthene	23.981	252	328785	9.616	ng/ul#	96
93) Benzo(a)pyrene	24.786	252	282960	8.841	ng/ul	99
95) Dibenzo(a,h)anthracene	28.681	278	232934m	7.023	ng/ul	
96) Benzo(g,h,i)perylene	29.768	276	544978m	16.950	ng/ul	

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

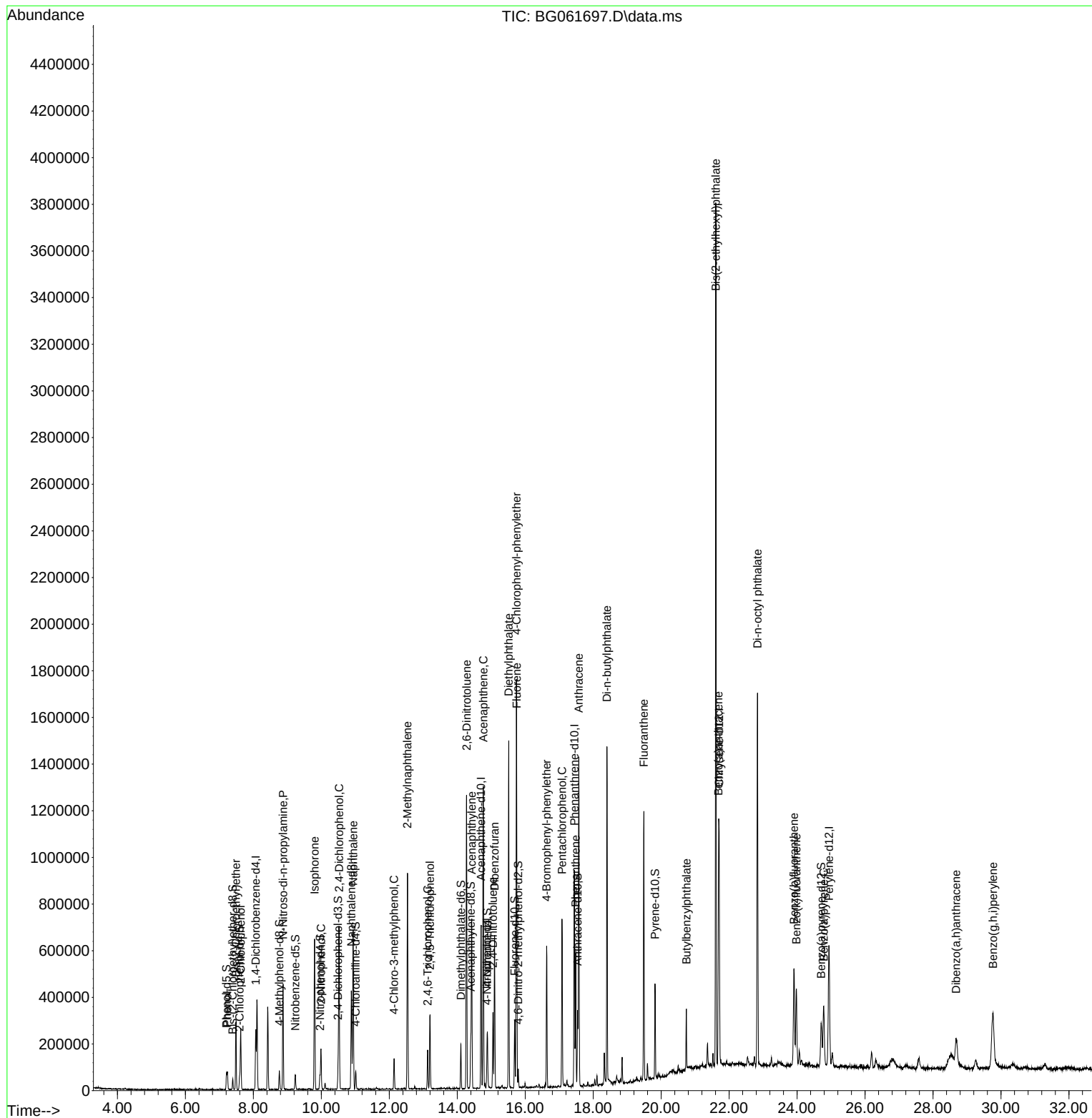
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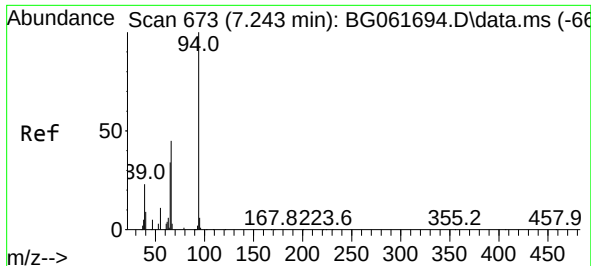
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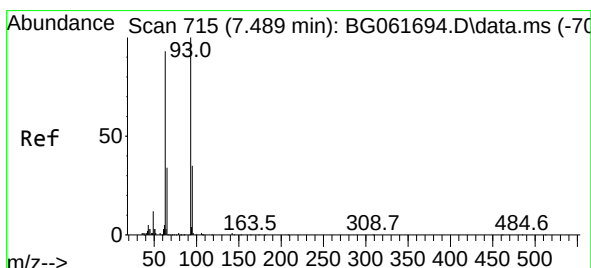
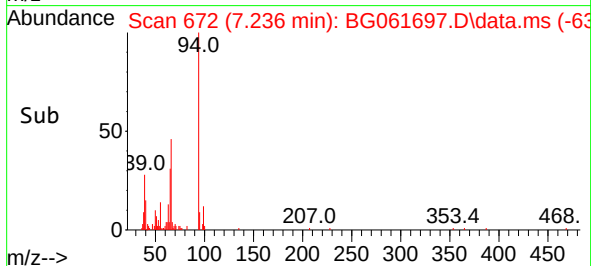
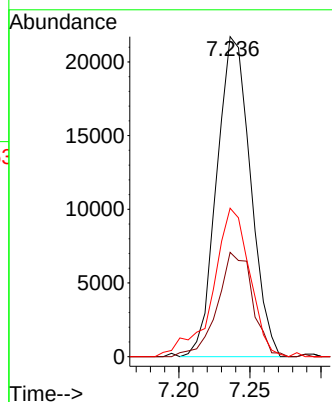
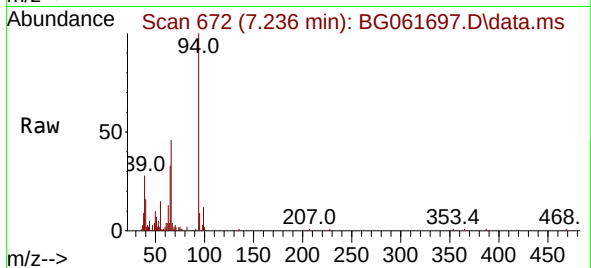
#8
Phenol
Concen: 5.021 ng/ul
RT: 7.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Instrument :
BNA_G
ClientSampleId :
A4DK4DL

Tgt Ion: 94 Resp: 3582
Ion Ratio Lower Upper
94 100
65 32.6 25.8 38.6
66 46.4 36.9 55.3

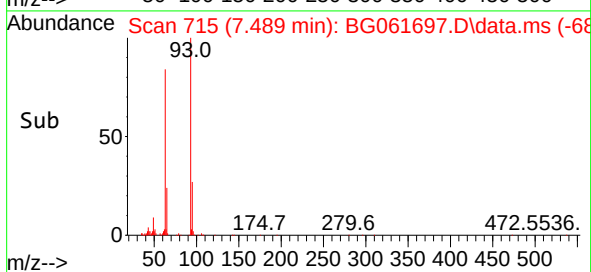
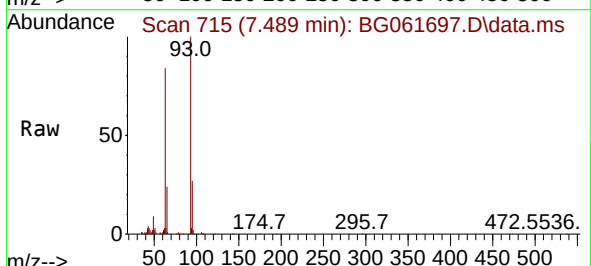
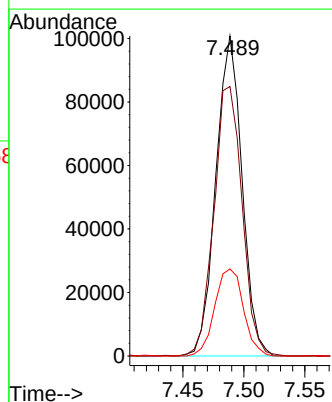
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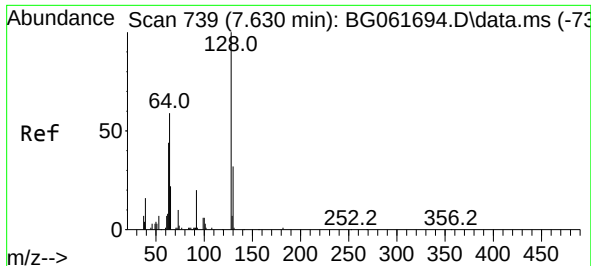
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Bis(2-Chloroethyl)ether
Concen: 28.057 ng/ul
RT: 7.489 min Scan# 715
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

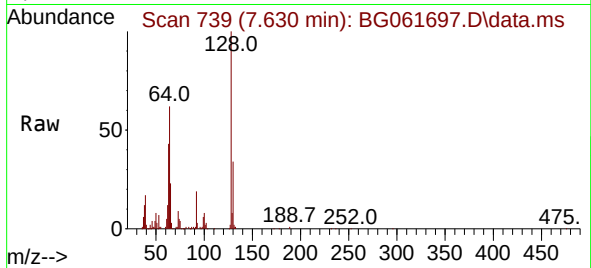
Tgt Ion: 93 Resp: 150675
Ion Ratio Lower Upper
93 100
63 84.2 72.5 108.7
95 27.2 21.8 32.8





#12
2-Chlorophenol
Concen: 21.481 ng/ul
RT: 7.630 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

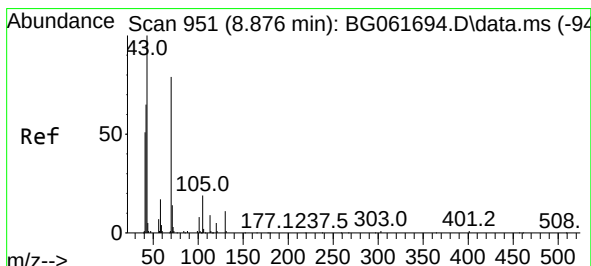
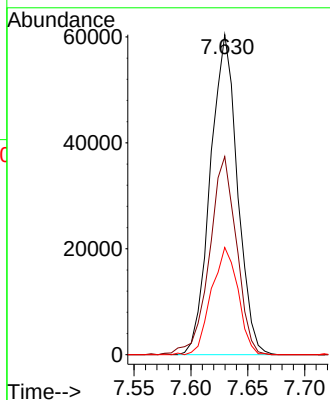
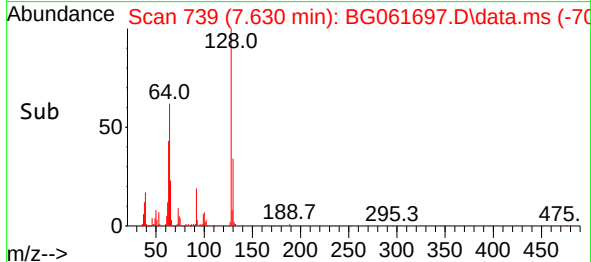
Instrument :
BNA_G
ClientSampleId :
A4DK4DL



Tgt Ion:128 Resp: 100272
Ion Ratio Lower Upper
128 100
64 61.9 43.2 64.8
130 33.5 24.1 36.1

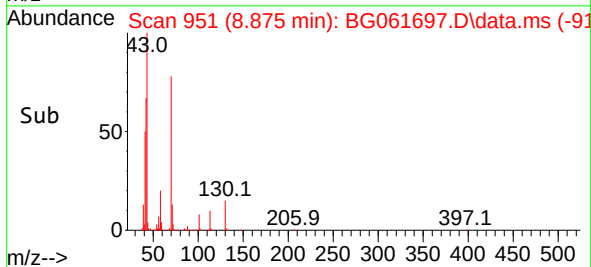
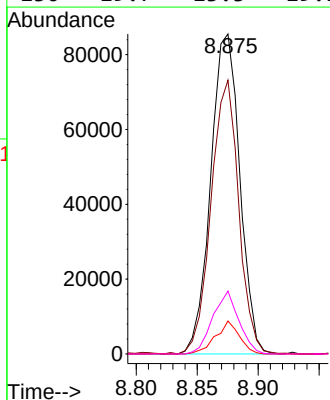
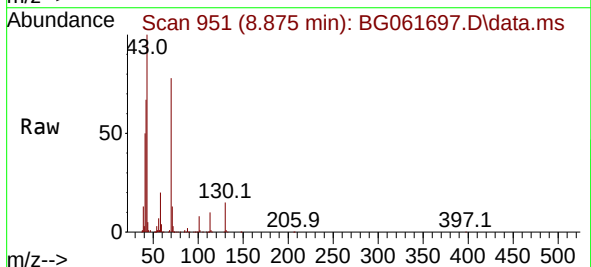
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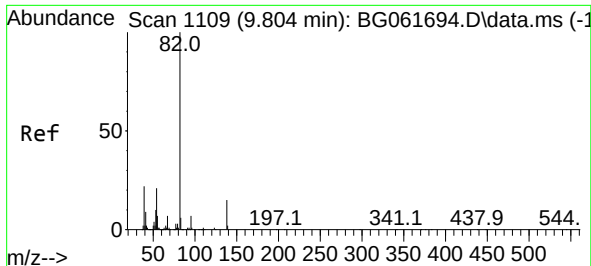
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 30.691 ng/ul
RT: 8.875 min Scan# 951
Delta R.T. -0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

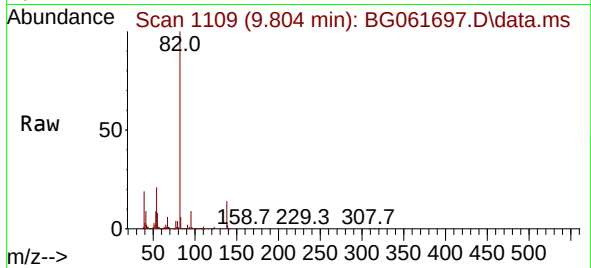
Tgt Ion: 70 Resp: 142292
Ion Ratio Lower Upper
70 100
42 85.5 62.7 94.1
101 10.3 5.8 8.8#
130 19.7 13.3 19.9





#23
Isophorone
Concen: 29.976 ng/ul
RT: 9.804 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

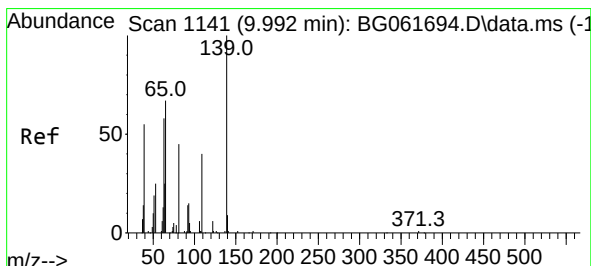
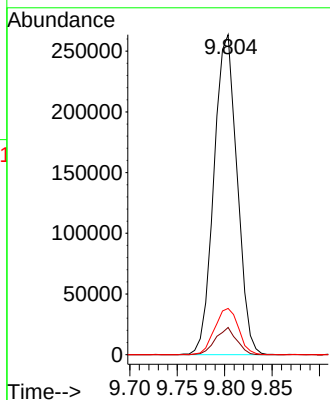
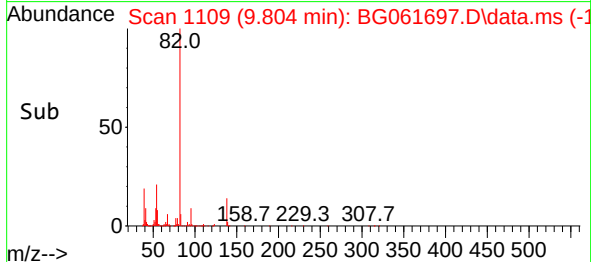
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 82 Resp: 44842
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 14.5 11.7 17.5

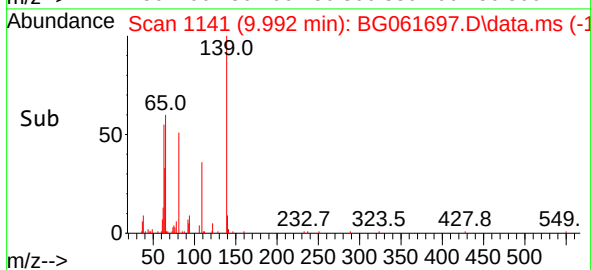
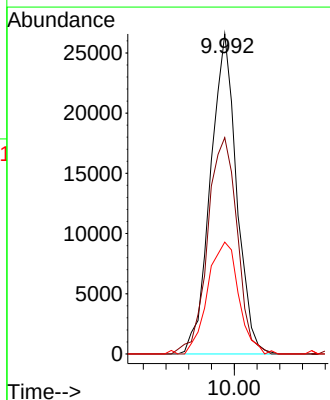
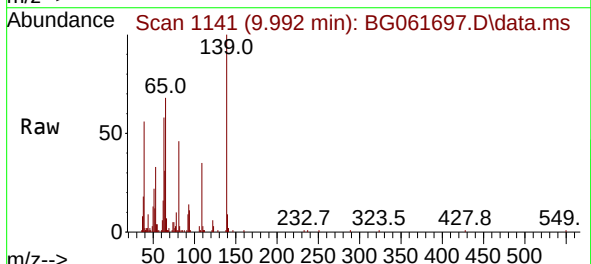
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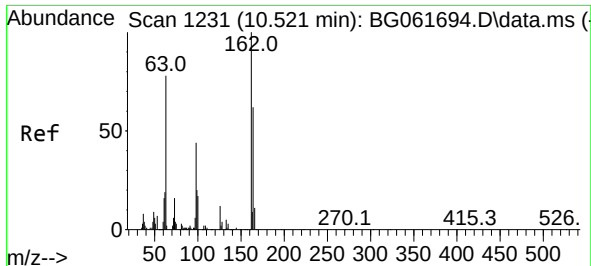
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
2-Nitrophenol
Concen: 17.693 ng/ul
RT: 9.992 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

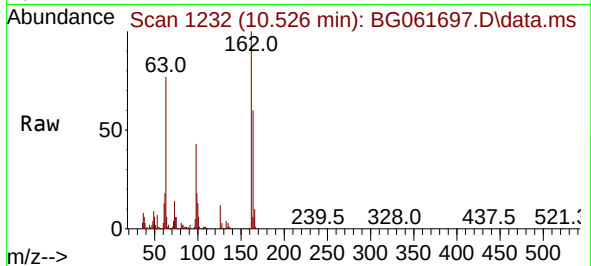
Tgt Ion:139 Resp: 42310
Ion Ratio Lower Upper
139 100
65 67.6 42.2 63.4#
109 35.0 27.0 40.4





#29
2,4-Dichlorophenol
Concen: 42.741 ng/ul
RT: 10.526 min Scan# 1231
Delta R.T. 0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

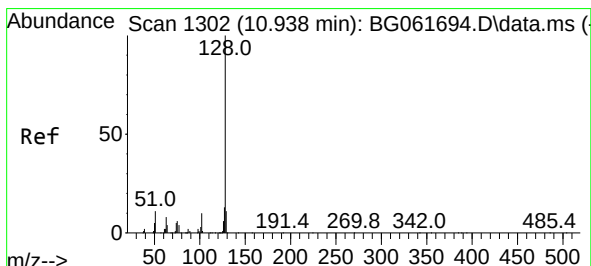
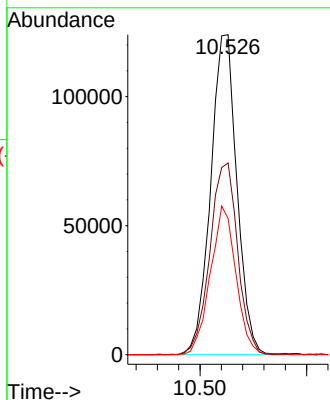
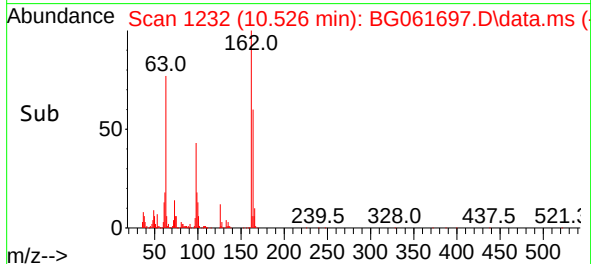
Instrument :
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Tgt Ion:162 Resp: 212052
Ion Ratio Lower Upper
162 100
164 59.9 51.7 77.5
98 42.6 34.9 52.3

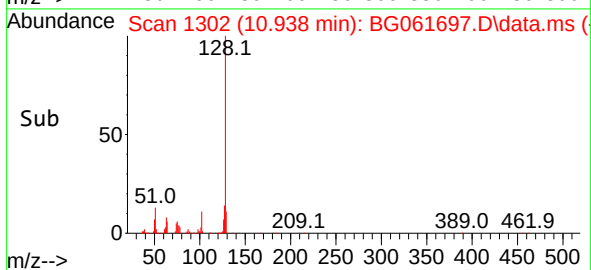
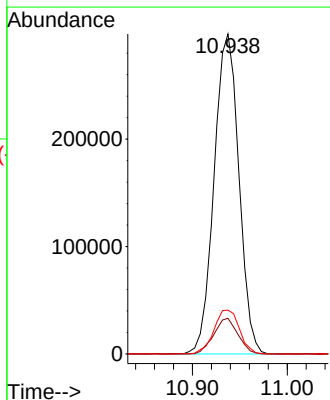
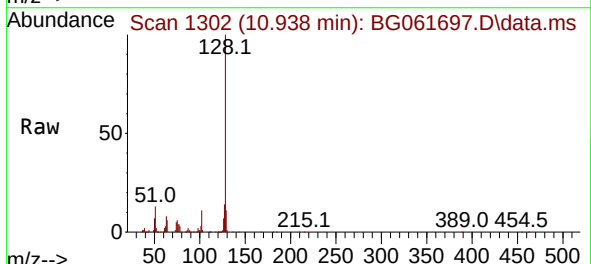
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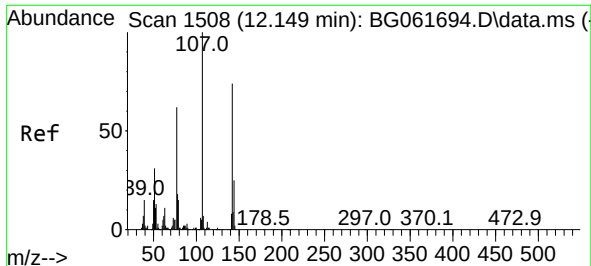
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#30
Naphthalene
Concen: 29.071 ng/ul
RT: 10.938 min Scan# 1302
Delta R.T. -0.000 min
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Tgt Ion:128 Resp: 540921
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.7 10.5 15.7





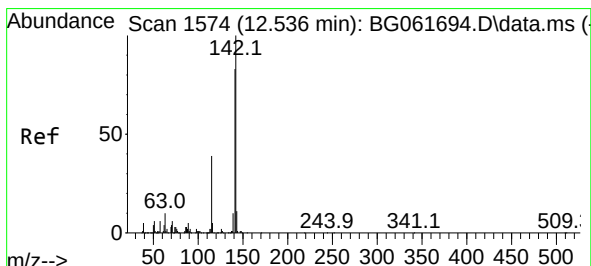
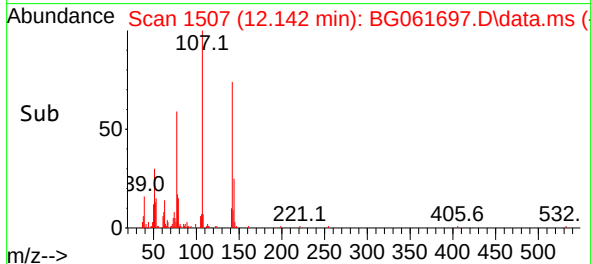
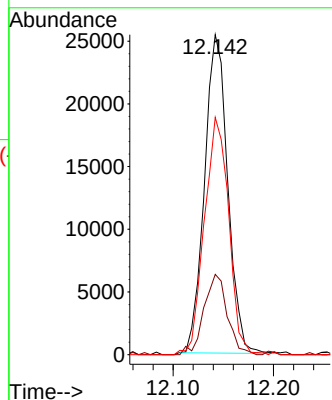
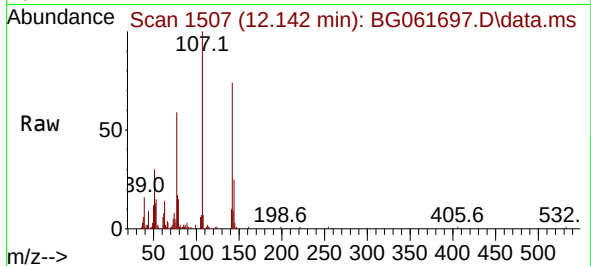
#35
4-Chloro-3-methylphenol
Concen: 5.893 ng/ul
RT: 12.142 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BG061697.D
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Instrument :
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ClientSampleId :
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Tgt Ion:107 Resp: 4088
Ion Ratio Lower Upper
107 100
144 25.1 19.6 29.4
142 74.1 60.2 90.4

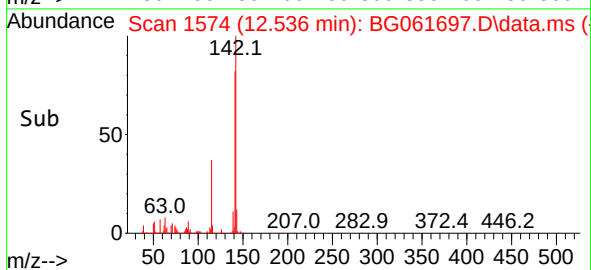
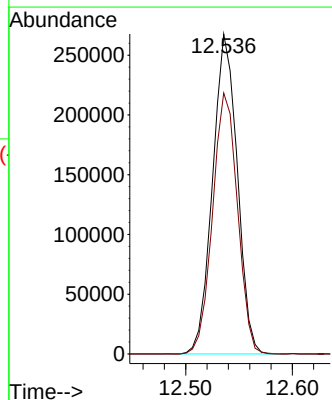
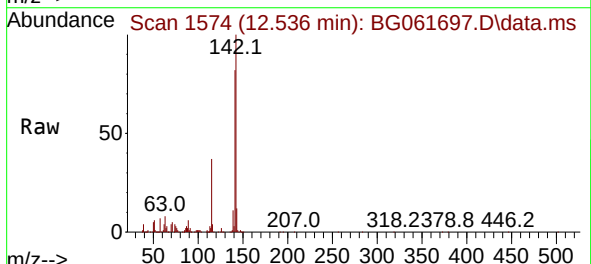
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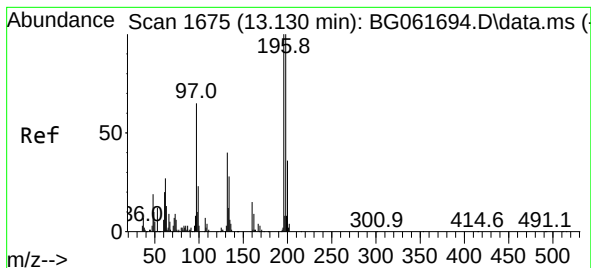
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#36
2-Methylnaphthalene
Concen: 32.784 ng/ul
RT: 12.536 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Tgt Ion:142 Resp: 430434
Ion Ratio Lower Upper
142 100
141 81.6 68.5 102.7





#41

2,4,6-Trichlorophenol

Concen: 7.592 ng/ul

RT: 13.129 min Scan# 1675

Delta R.T. -0.000 min

Lab File: BG061697.D

Acq: 25 Jun 2024 10:42

Instrument :

BNA_G

ClientSampleId :

A4DK4DL

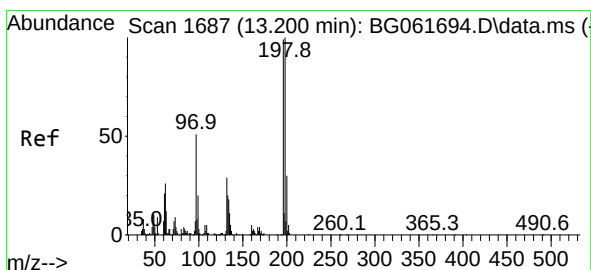
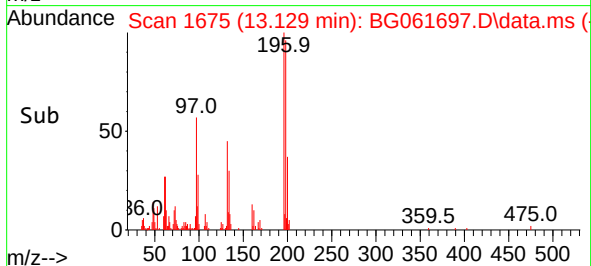
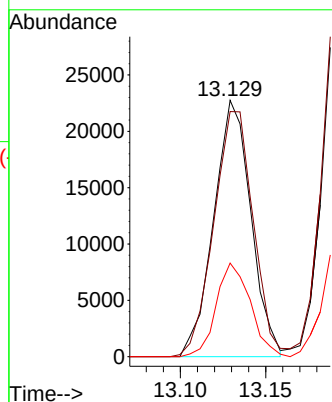
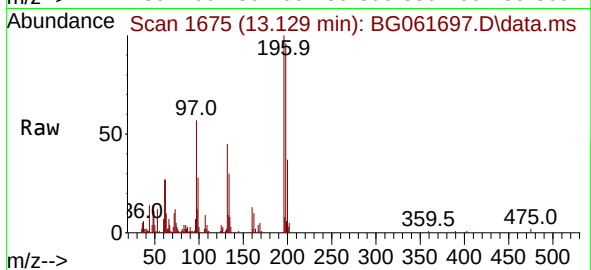
Tgt Ion:	196	Resp:	34514
Ion Ratio	Lower	Upper	
196	100		
198	95.7	73.1	109.7
200	36.5	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#42

2,4,5-Trichlorophenol

Concen: 14.821 ng/ul

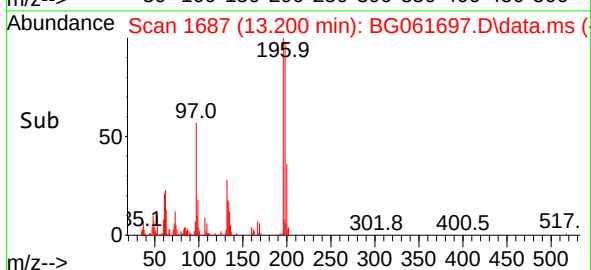
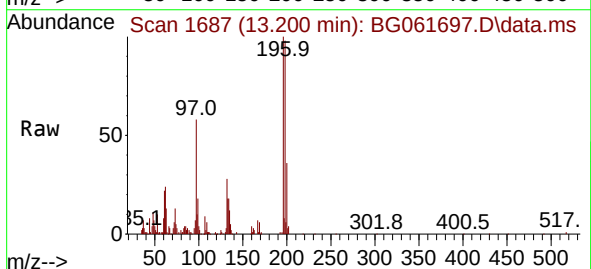
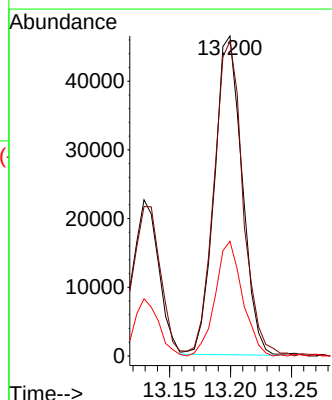
RT: 13.200 min Scan# 1687

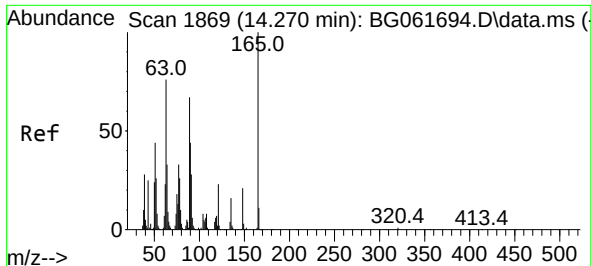
Delta R.T. -0.000 min

Lab File: BG061697.D

Acq: 25 Jun 2024 10:42

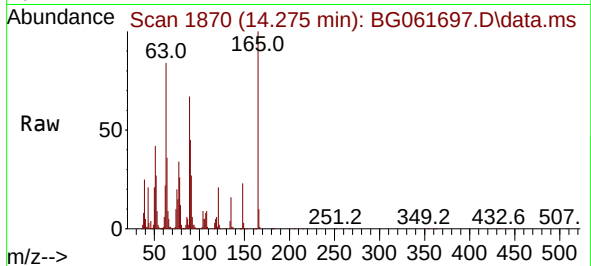
Tgt Ion:	196	Resp:	73436
Ion Ratio	Lower	Upper	
196	100		
198	98.4	72.7	109.1
200	35.8	27.0	40.6





#48
2,6-Dinitrotoluene
Concen: 71.094 ng/ul
RT: 14.275 min Scan# 1869
Delta R.T. 0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

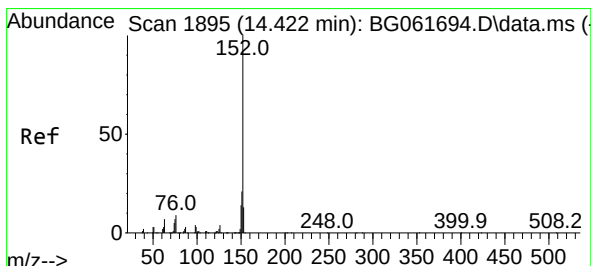
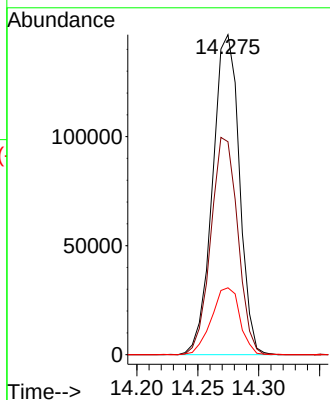
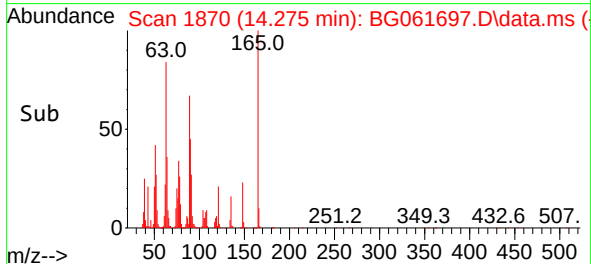
Instrument :
BNA_G
ClientSampleId :
A4DK4DL



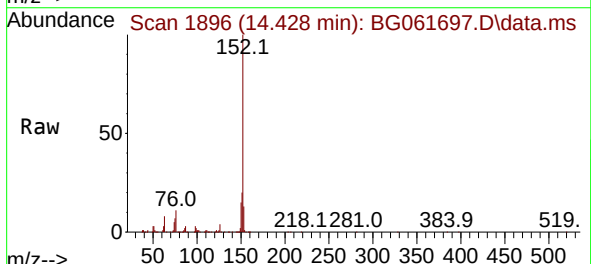
Tgt Ion:165 Resp: 224449
Ion Ratio Lower Upper
165 100
89 66.5 55.9 83.9
121 20.9 23.4 35.2

Manual Integrations
APPROVED

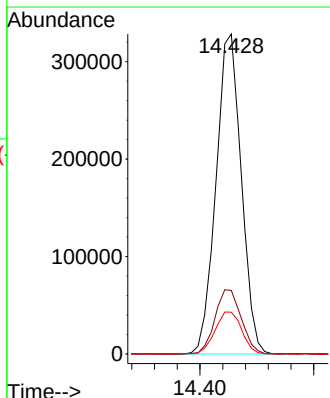
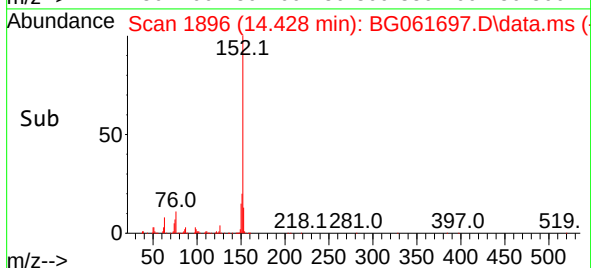
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

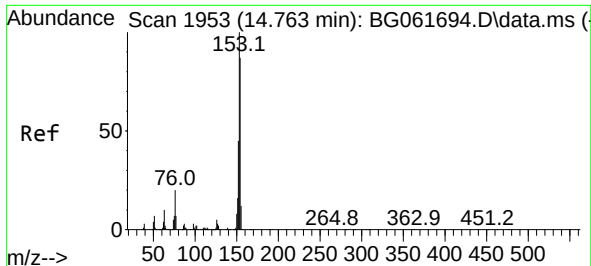


#50
Acenaphthylene
Concen: 21.637 ng/ul
RT: 14.428 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42



Tgt Ion:152 Resp: 507112
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 13.0 11.0 16.4





#52
Acenaphthene
Concen: 32.543 ng/ul
RT: 14.768 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Instrument :

BNA_G

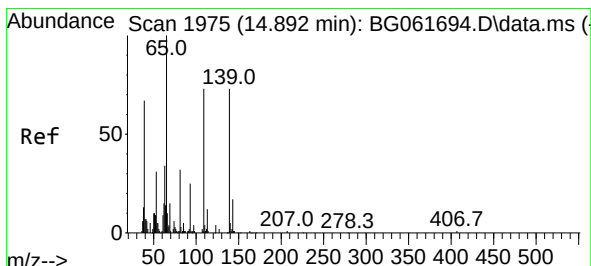
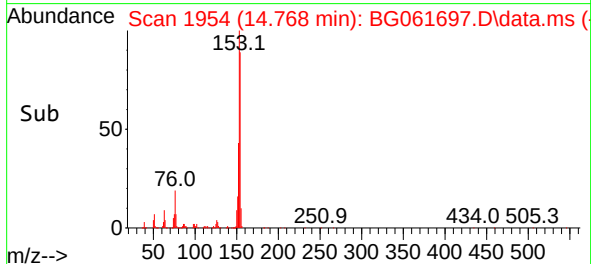
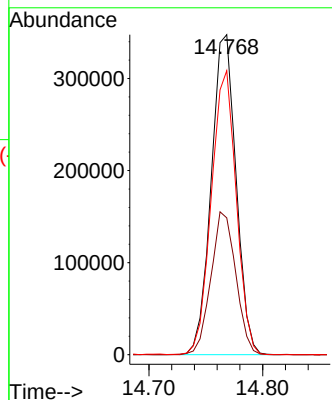
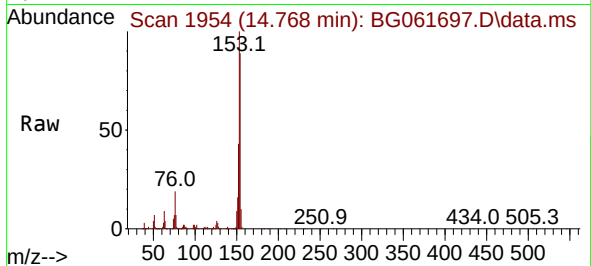
ClientSampleId :

A4DK4DL

Tgt Ion:153 Resp: 52822
Ion Ratio Lower Upper
153 100
152 42.7 40.0 60.0
154 88.8 74.1 111.1

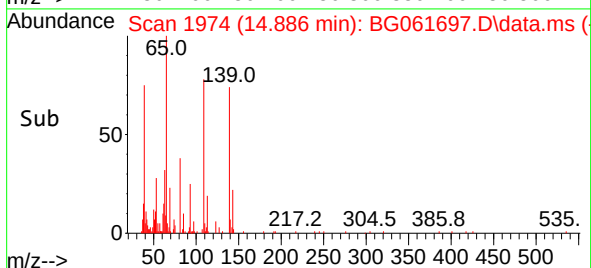
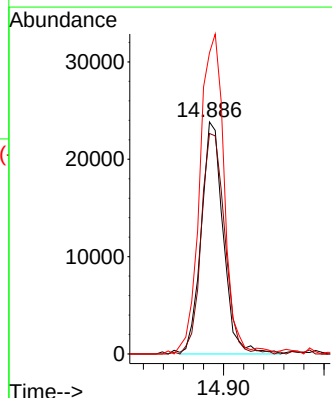
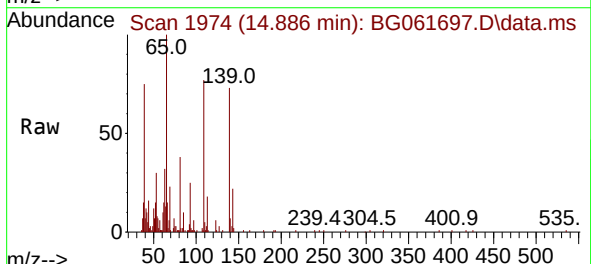
Manual Integrations
APPROVED

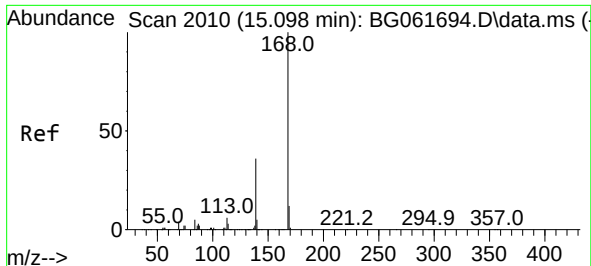
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#55
4-Nitrophenol
Concen: 10.691 ng/ul
RT: 14.886 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

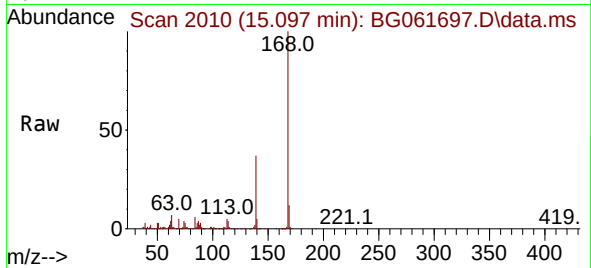
Tgt Ion:109 Resp: 36326
Ion Ratio Lower Upper
109 100
139 95.1 77.1 115.7
65 129.8 110.9 166.3





#56
Dibenzofuran
Concen: 17.739 ng/ul
RT: 15.097 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

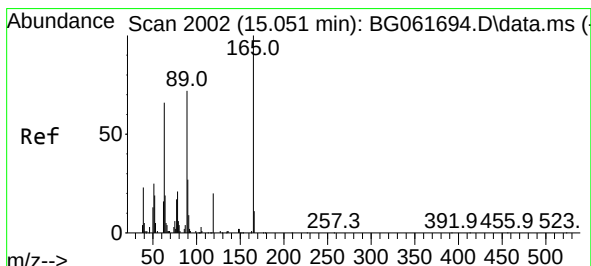
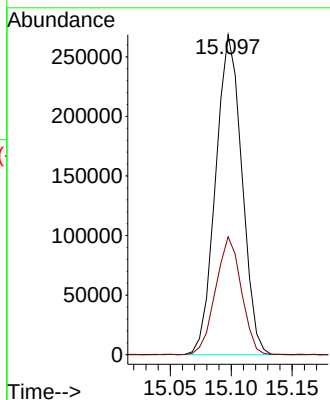
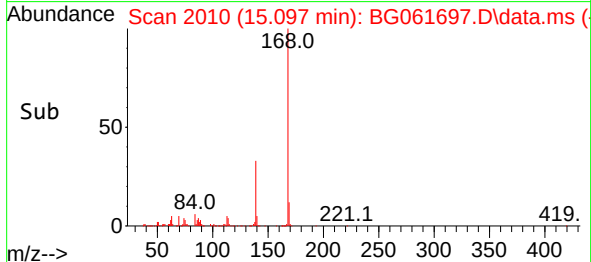
Instrument :
BNA_G
ClientSampleId :
A4DK4DL



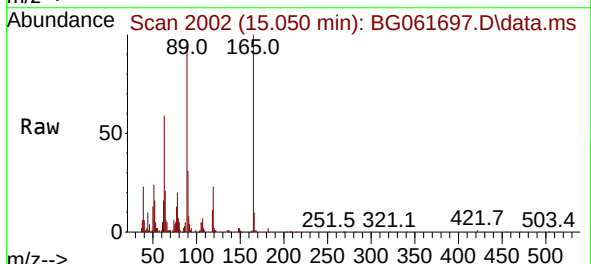
Tgt Ion:168 Resp: 402915
Ion Ratio Lower Upper
168 100
139 36.8 27.0 40.4

Manual Integrations
APPROVED

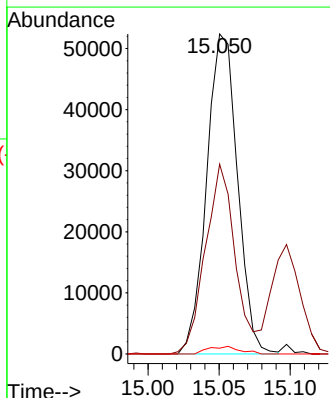
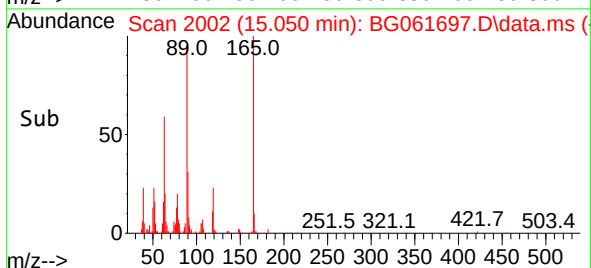
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

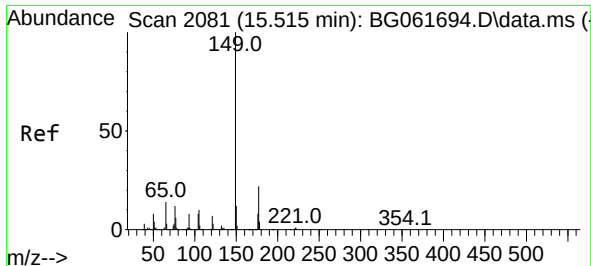


#57
2,4-Dinitrotoluene
Concen: 16.880 ng/ul
RT: 15.050 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42



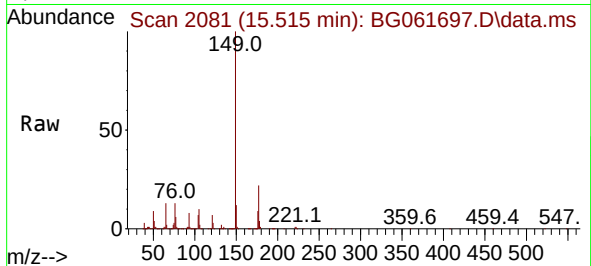
Tgt Ion:165 Resp: 79103
Ion Ratio Lower Upper
165 100
63 59.3 49.4 74.0
182 1.8 1.6 2.4





#59
Diethylphthalate
Concen: 39.259 ng/ul
RT: 15.515 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

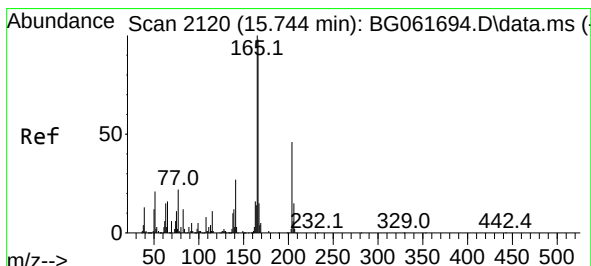
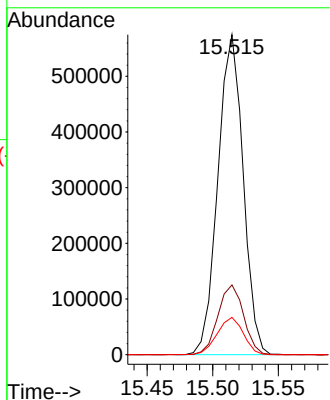
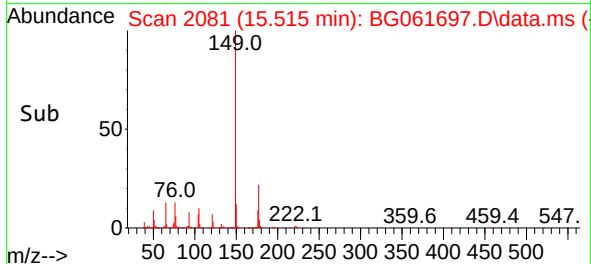
Instrument :
BNA_G
ClientSampleId :
A4DK4DL



Tgt Ion:149 Resp: 769260
Ion Ratio Lower Upper
149 100
177 21.8 19.6 29.4
150 11.7 9.2 13.8

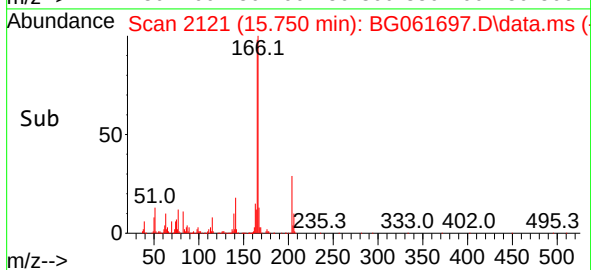
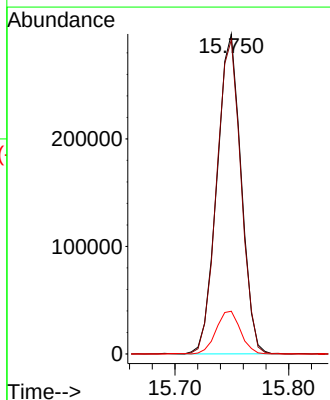
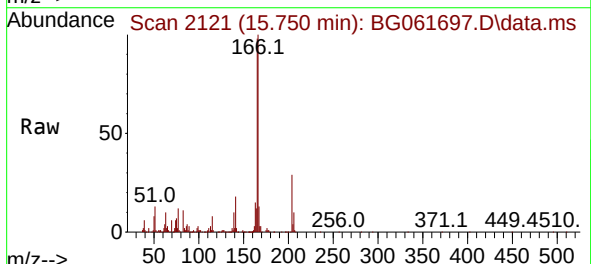
Manual Integrations
APPROVED

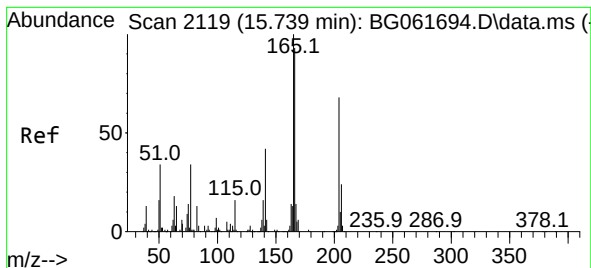
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#61
Fluorene
Concen: 23.386 ng/ul
RT: 15.750 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

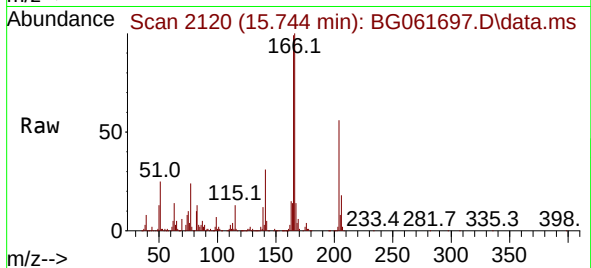
Tgt Ion:166 Resp: 439599
Ion Ratio Lower Upper
166 100
165 98.2 84.9 127.3
167 13.3 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 22.798 ng/ul
RT: 15.744 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

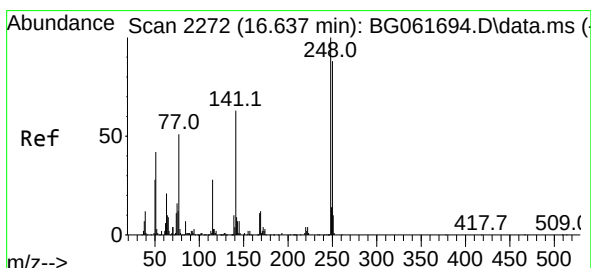
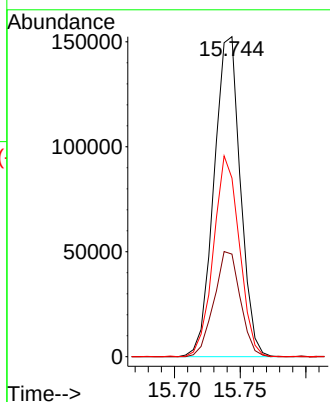
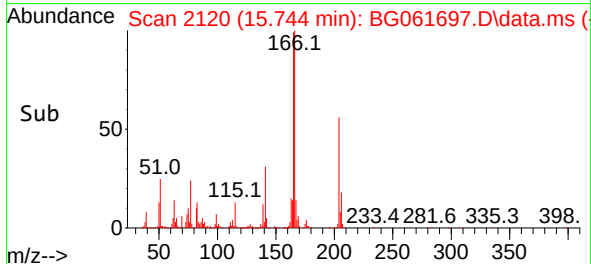
Instrument :
BNA_G
ClientSampleId :
A4DK4DL



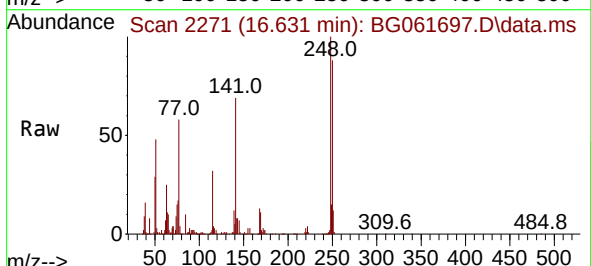
Tgt Ion:204 Resp: 212740
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 55.8 51.1 76.7

Manual Integrations
APPROVED

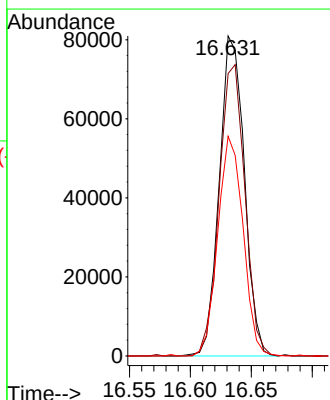
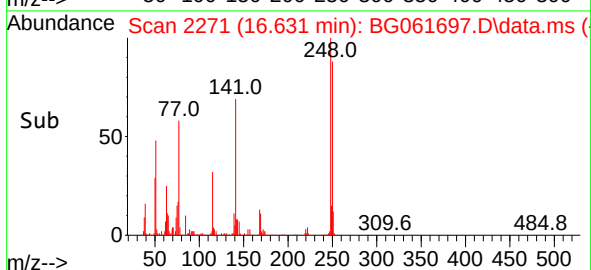
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

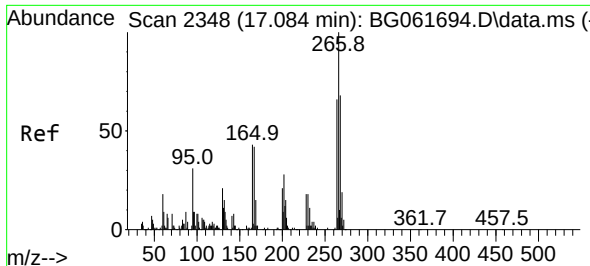


#68
4-Bromophenyl-phenylether
Concen: 19.506 ng/ul
RT: 16.631 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42



Tgt Ion:248 Resp: 115614
Ion Ratio Lower Upper
248 100
250 88.3 82.1 123.1
141 68.6 57.6 86.4





#71
Pentachlorophenol
Concen: 27.923 ng/ul
RT: 17.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Instrument :

BNA_G

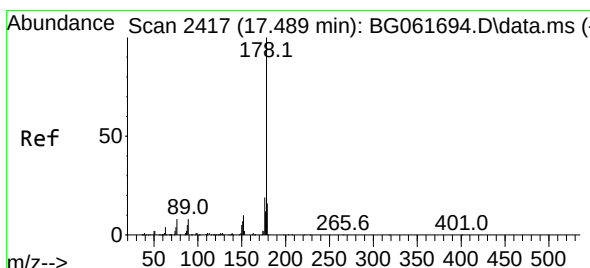
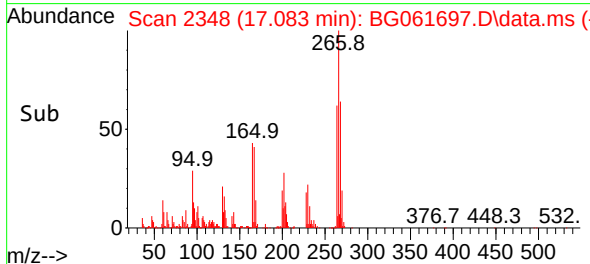
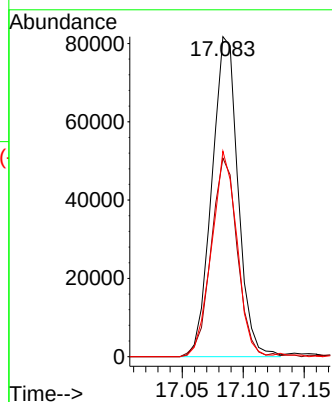
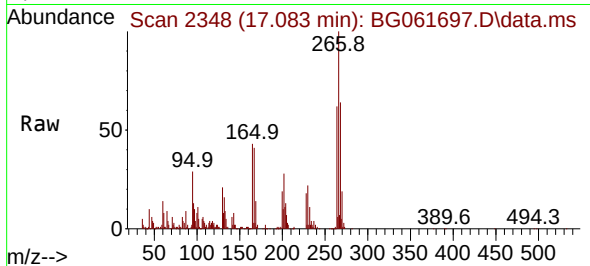
ClientSampleId :

A4DK4DL

Tgt Ion:266 Resp: 12234
Ion Ratio Lower Upper
266 100
264 62.0 52.5 78.7
268 64.2 47.5 71.3

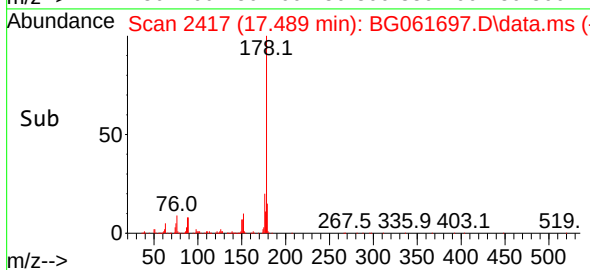
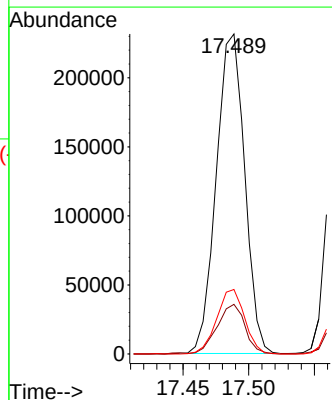
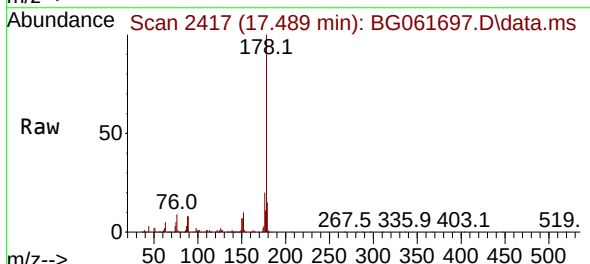
Manual Integrations
APPROVED

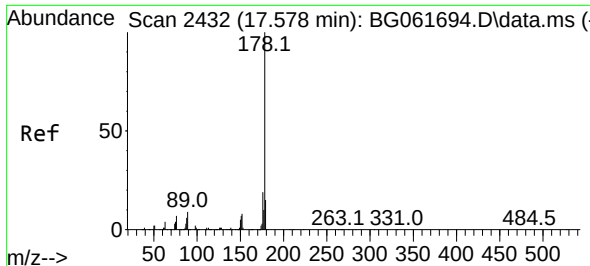
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Phenanthrene
Concen: 11.504 ng/ul
RT: 17.489 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Tgt Ion:178 Resp: 348388
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 20.1 16.2 24.2





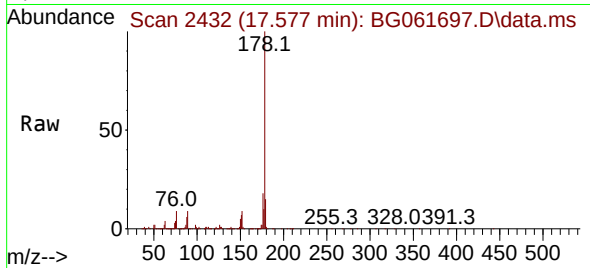
#74
 Anthracene
 Concen: 28.056 ng/ul
 RT: 17.577 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BG061697.D
 Acq: 25 Jun 2024 10:42

Instrument :

BNA_G

ClientSampleId :

A4DK4DL



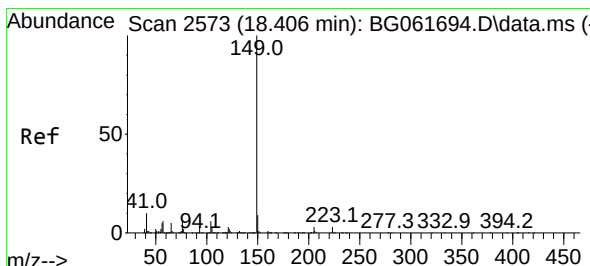
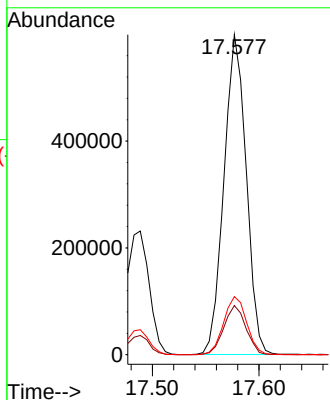
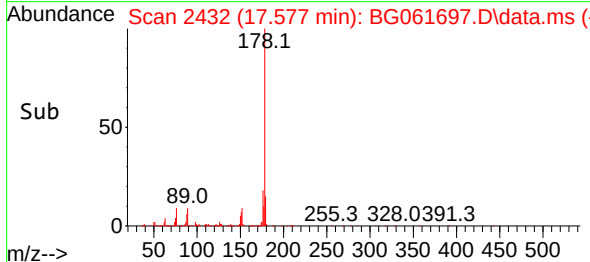
Tgt Ion:178 Resp: 868868
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.4 17.2
 176 18.2 14.7 22.1

Manual Integrations

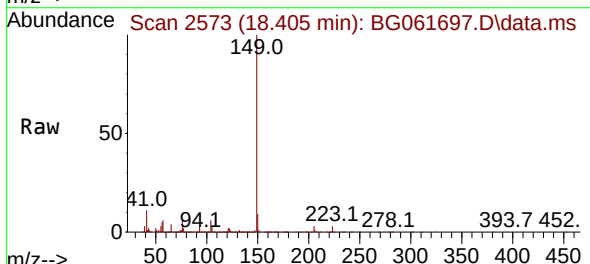
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

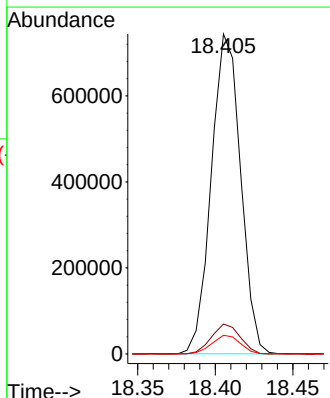
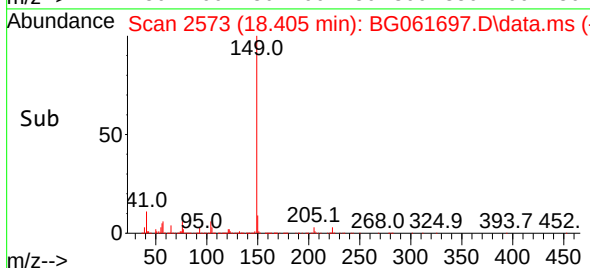
Supervised By :mohammad ahmed 06/27/2024

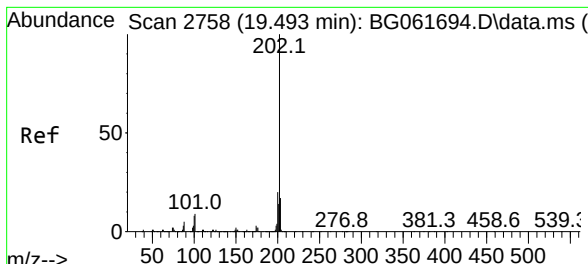


#78
 Di-n-butylphthalate
 Concen: 31.043 ng/ul
 RT: 18.405 min Scan# 2573
 Delta R.T. -0.012 min
 Lab File: BG061697.D
 Acq: 25 Jun 2024 10:42



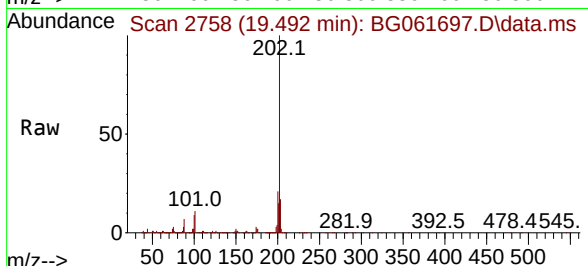
Tgt Ion:149 Resp: 976284
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.7 10.1
 104 5.8 4.6 6.8





#80
 Fluoranthene
 Concen: 23.052 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG061697.D
 Acq: 25 Jun 2024 10:42

Instrument : BNA_G
 ClientSampleId : A4DK4DL

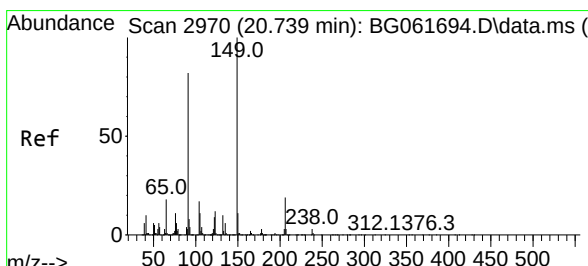
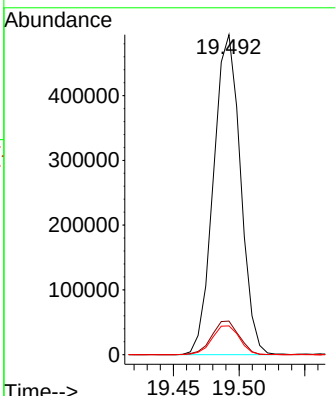
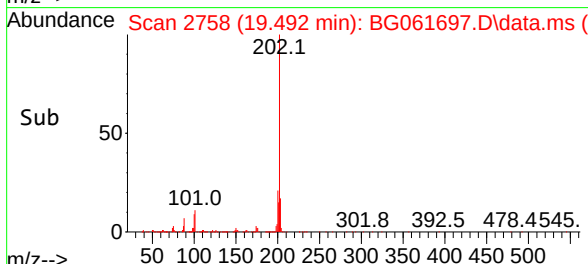


Tgt Ion: 202 Resp: 707228

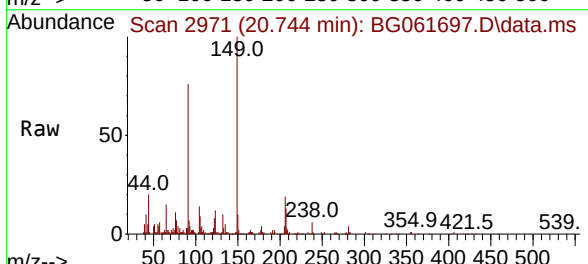
Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.8	11.6
100	9.0	7.7	11.5

Manual Integrations
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Reviewed By : Yogesh Patel 06/26/2024
 Supervised By : mohammad ahmed 06/27/2024

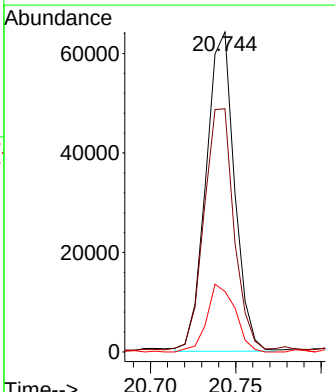
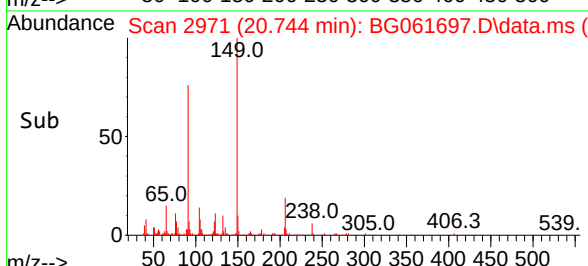


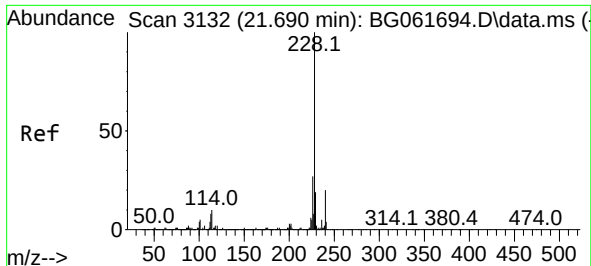
#83
 Butylbenzylphthalate
 Concen: 6.296 ng/ul
 RT: 20.744 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BG061697.D
 Acq: 25 Jun 2024 10:42



Tgt Ion: 149 Resp: 74776

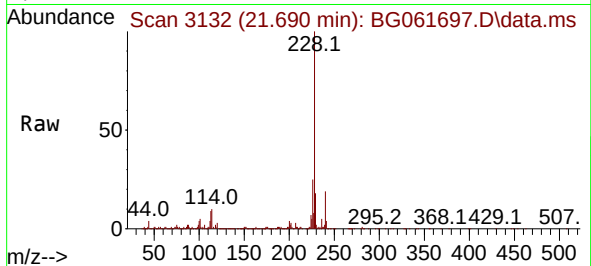
Ion	Ratio	Lower	Upper
149	100		
91	76.0	68.1	102.1
206	18.9	17.9	26.9





#85
Benzo(a)anthracene
Concen: 15.477 ng/ul
RT: 21.690 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

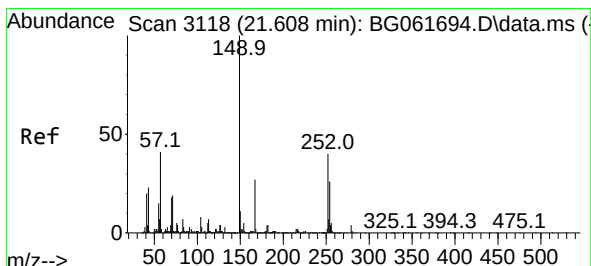
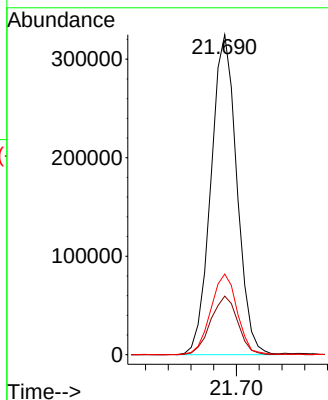
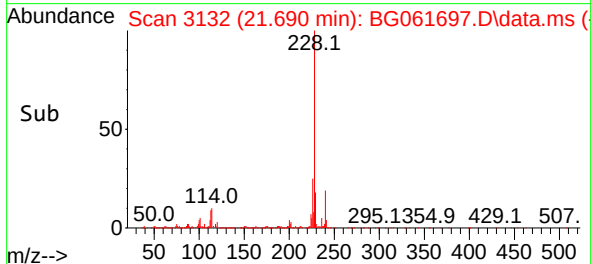
Instrument :
BNA_G
ClientSampleId :
A4DK4DL



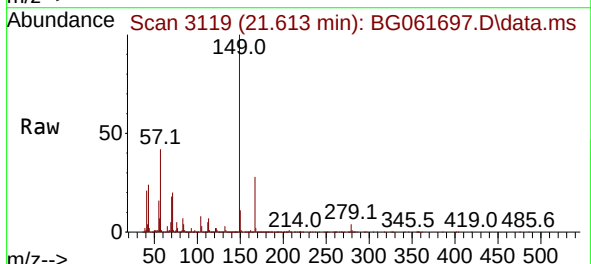
Tgt Ion:228 Resp: 514275
Ion Ratio Lower Upper
228 100
229 18.3 15.8 23.8
226 25.2 21.4 32.2

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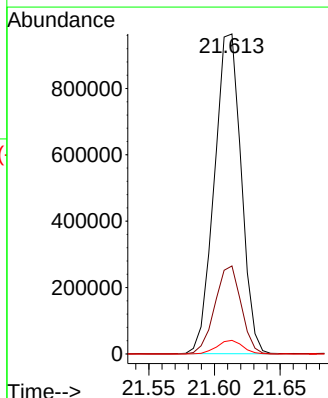
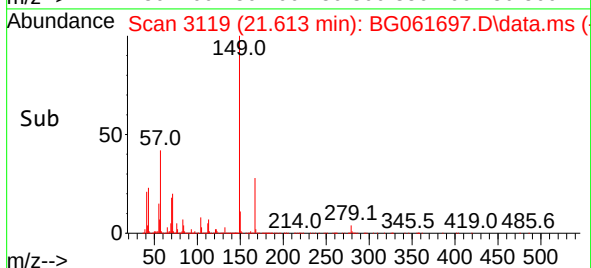
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

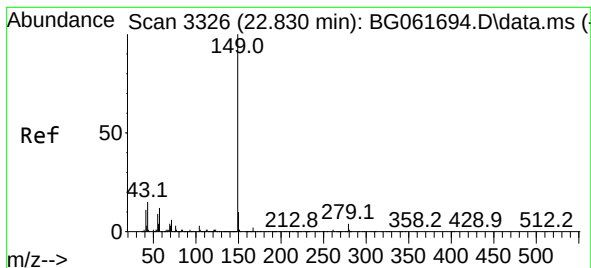


#86
Bis(2-ethylhexyl)phthalate
Concen: 78.405 ng/ul
RT: 21.613 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42



Tgt Ion:149 Resp: 1368900
Ion Ratio Lower Upper
149 100
167 27.5 20.5 30.7
279 4.2 2.9 4.3





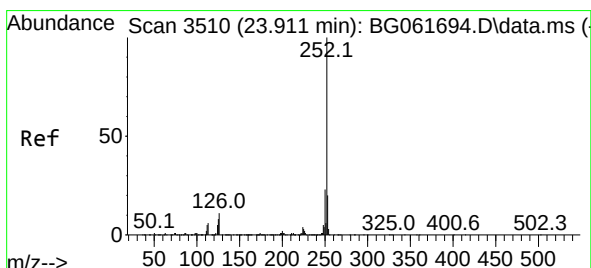
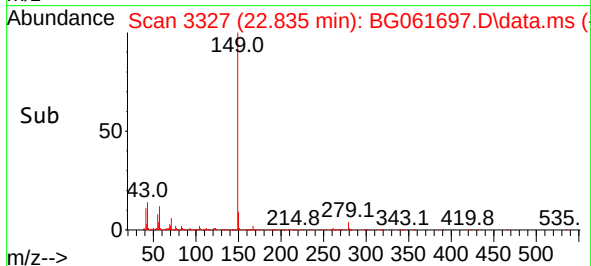
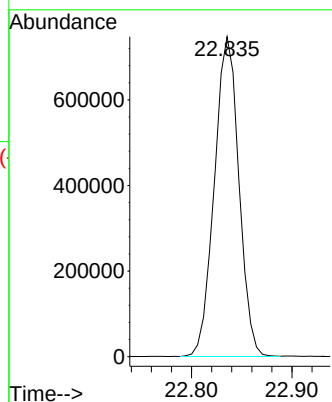
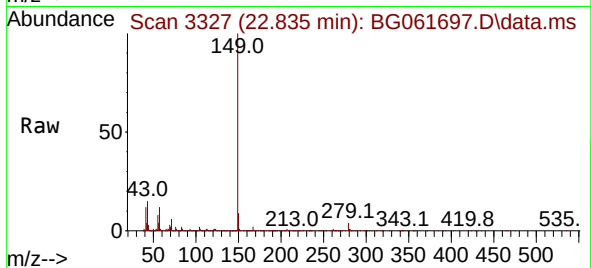
#89
Di-n-octyl phthalate
Concen: 43.418 ng/ul
RT: 22.835 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Instrument :
BNA_G
ClientSampleId :
A4DK4DL

Tgt Ion:149 Resp: 1266519

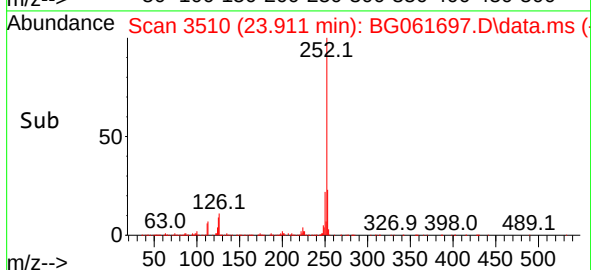
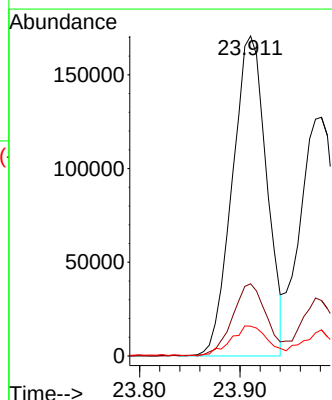
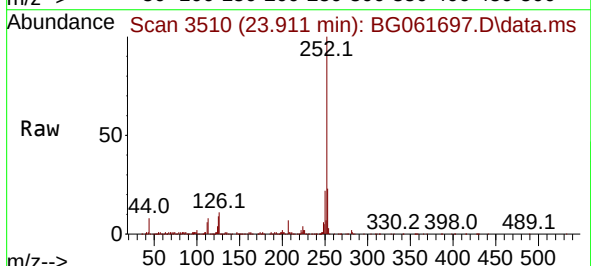
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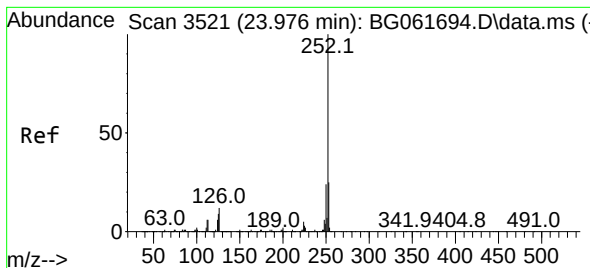
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#90
Benzo(b)fluoranthene
Concen: 12.185 ng/ul
RT: 23.911 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BG061697.D
Acq: 25 Jun 2024 10:42

Tgt Ion:252 Resp: 405107
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 9.3 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 9.616 ng/ul

RT: 23.981 min Scan# 3521

Delta R.T. -0.000 min

Lab File: BG061697.D

Acq: 25 Jun 2024 10:42

Instrument :

BNA_G

ClientSampleId :

A4DK4DL

Tgt Ion:252 Resp: 32878

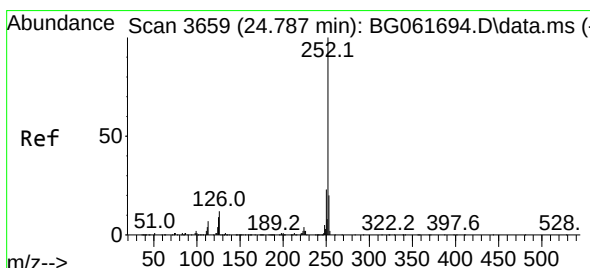
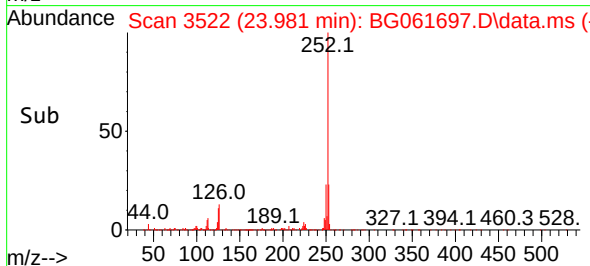
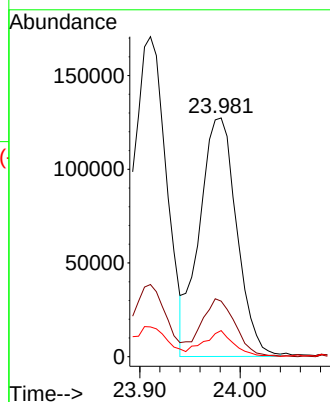
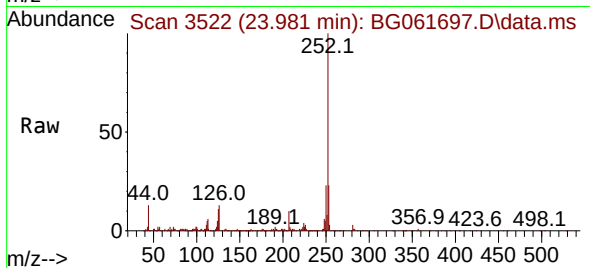
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.9	6.2	9.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#93

Benzo(a)pyrene

Concen: 8.841 ng/ul

RT: 24.786 min Scan# 3659

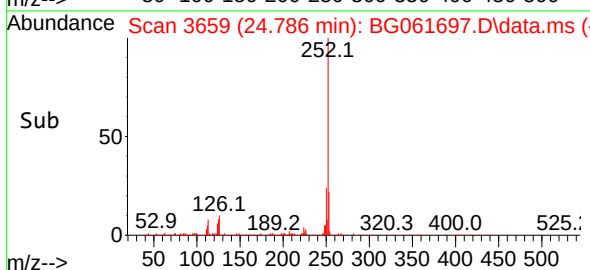
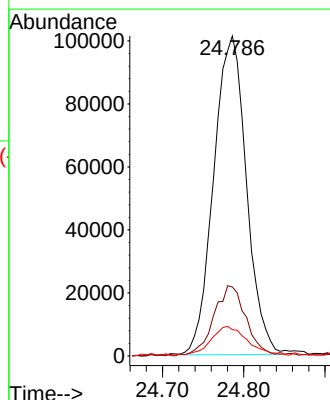
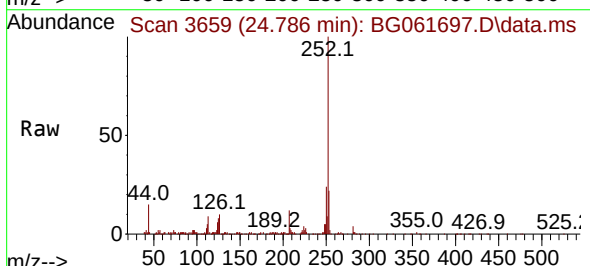
Delta R.T. -0.006 min

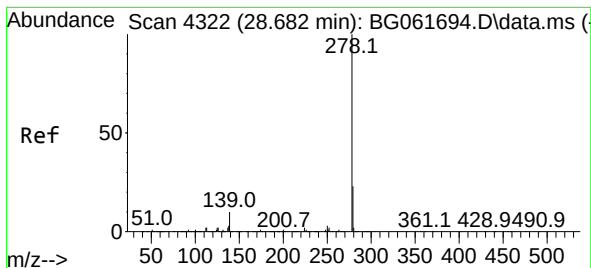
Lab File: BG061697.D

Acq: 25 Jun 2024 10:42

Tgt Ion:252 Resp: 282960

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	8.2	6.5	9.7





#95

Dibenzo(a,h)anthracene

Concen: 7.023 ng/ul m

RT: 28.681 min Scan# 4

Delta R.T. -0.018 min

Lab File: BG061697.D

Acq: 25 Jun 2024 10:42

Instrument :

BNA_G

ClientSampleId :

A4DK4DL

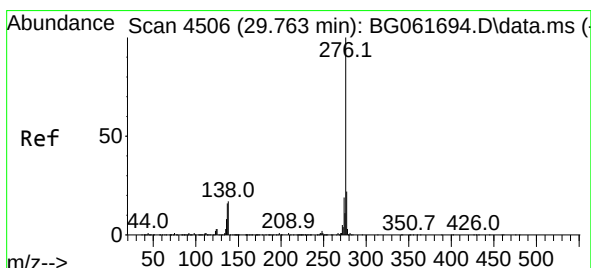
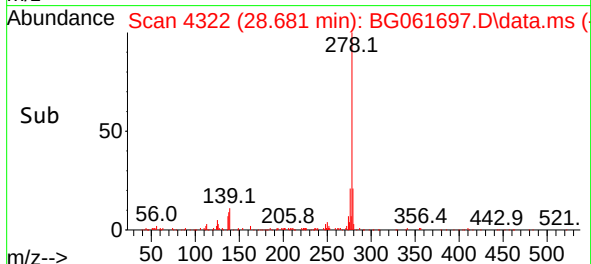
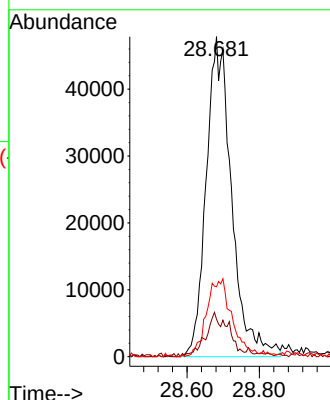
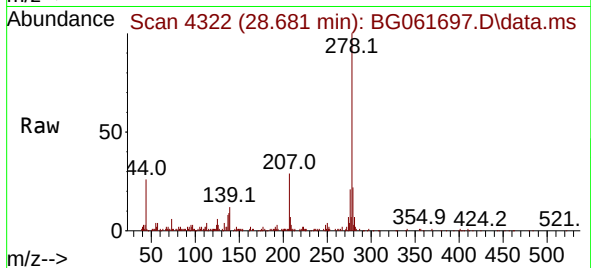
Tgt Ion:	278	Resp:	232934
Ion Ratio	Lower	Upper	
278	100		
139	11.7	9.1	13.7
279	21.9	18.6	28.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#96

Benzo(g,h,i)perylene

Concen: 16.950 ng/ul m

RT: 29.768 min Scan# 4507

Delta R.T. 0.012 min

Lab File: BG061697.D

Acq: 25 Jun 2024 10:42

Tgt Ion:	276	Resp:	544978
Ion Ratio	Lower	Upper	
276	100		
138	17.1	12.2	18.4
277	21.5	18.6	27.8

