

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058294.D
 Acq On : 18 Jul 2023 9:58
 Operator : CG/JU
 Sample : 03444-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4672

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 10:33:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	36969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	168864	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	125982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	317700	20.000	ng/u1	0.00
79) Chrysene-d12	21.532	240	267609	20.000	ng/u1	0.00
88) Perylene-d12	24.669	264	326660	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4772	4.751	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.060	99	118209	33.707	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	69147	31.546	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	80895	32.953	ng/u1	0.00
15) 4-Methylphenol-d8	8.606	113	80207	29.984	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	42379	33.482	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	47653	34.486	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	89878	33.930	ng/u1	0.00
31) 4-Chloroaniline-d4	10.838	131	99520	25.916	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	361059	37.166	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	359887	35.350	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	57795	39.393	ng/u1	0.00
60) Fluorene-d10	15.527	176	298597	37.125	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	56225	34.736	ng/u1	0.00
73) Anthracene-d10	17.378	188	530854	38.671	ng/u1	0.00
81) Pyrene-d10	19.669	212	643807	40.732	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.452	264	638633	40.449	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	25160	22.083	ng/uL#	93
6) Benzaldehyde	7.037	77	82747m	58.424	ng/u1	
8) Phenol	7.090	94	143049	39.278	ng/u1	97
12) 2-Chlorophenol	7.460	128	62787	24.434	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.700	70	70463	28.261	ng/u1	98
22) Nitrobenzene	9.099	77	76920	22.788	ng/u1	100
25) 2-Nitrophenol	9.810	139	39185	26.548	ng/u1	98
29) 2,4-Dichlorophenol	10.345	162	69839	27.778	ng/u1	93
30) Naphthalene	10.750	128	163636	18.129	ng/u1	99
33) Hexachlorobutadiene	11.032	225	47234	26.273	ng/u1	97
35) 4-Chloro-3-methylphenol	11.984	107	139409	43.570	ng/u1	94
37) 1-Methylnaphthalene	12.577	142	159938	25.806	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.730	216	77020	21.119	ng/u1	96
41) 2,4,6-Trichlorophenol	12.965	196	87474	35.432	ng/u1	97
43) 1,1'-Biphenyl	13.371	154	242475	28.463	ng/u1	98
44) 2-Chloronaphthalene	13.412	162	117727	17.381	ng/u1	95
47) Dimethylphthalate	13.987	163	228355	23.402	ng/u1	98
48) 2,6-Dinitrotoluene	14.111	165	53865	28.566	ng/u1	98
52) Acenaphthene	14.599	153	180907	23.710	ng/u1	99
55) 4-Nitrophenol	14.751	109	34751	30.755	ng/u1	97
56) Dibenzofuran	14.933	168	225844	20.788	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	64104	26.356	ng/u1#	97
62) 4-Chlorophenyl-phenyle...	15.574	204	92651	19.589	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.662	198	91224	54.780	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058294.D
 Acq On : 18 Jul 2023 9:58
 Operator : CG/JU
 Sample : 03444-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4672

Manual Integrations
 APPROVED

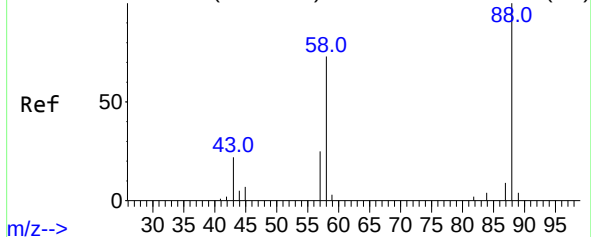
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 10:33:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Hexachlorobenzene	16.584	284	90628	23.868	ng/ul	97
71) Pentachlorophenol	16.931	266	86572	40.617	ng/ul	94
72) Phenanthrene	17.325	178	329876	21.849	ng/ul	99
74) Anthracene	17.413	178	366346	24.170	ng/ul	98
77) Carbazole	17.683	167	326487	24.849	ng/ul	99
78) Di-n-butylphthalate	18.235	149	378386	22.664	ng/ul	99
80) Fluoranthene	19.334	202	873743	48.254	ng/ul	99
82) Pyrene	19.698	202	619370	33.759	ng/ul	99
83) Butylbenzylphthalate	20.580	149	153942	21.308	ng/ul	98
85) Benzo(a)anthracene	21.514	228	743393	41.329	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.414	149	277512	27.006	ng/ul	100
87) Chrysene	21.579	228	529915	31.059	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	572158	30.273	ng/ul	99
93) Benzo(a)pyrene	24.516	252	484106	28.798	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.230	276	683835	30.875	ng/ul	100
95) Dibenzo(a,h)anthracene	28.294	278	439538	24.201	ng/ul	99

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

Abundance Scan 49 (3.377 min): BG058291.D\data.ms (-44)



#2

1,4-Dioxane

Concen: 22.083 ng/uL

RT: 3.370 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG058294.D

Acq: 18 Jul 2023 9:58

Instrument :

BNA_G

ClientSampleId :

A4672

Tgt Ion: 88 Resp: 25160

Ion Ratio Lower Upper

88 100

43 35.1 19.6 29.4

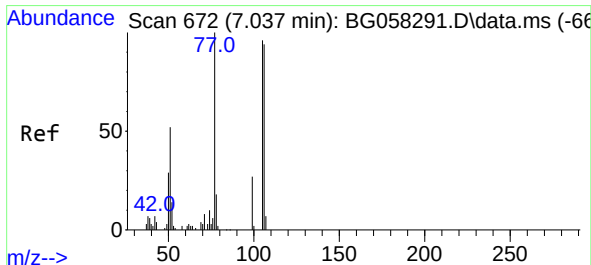
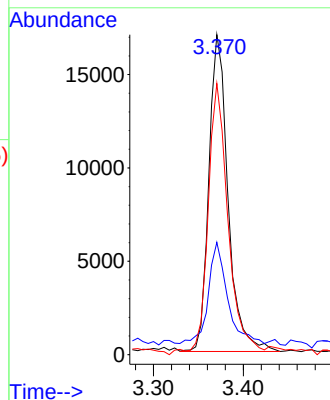
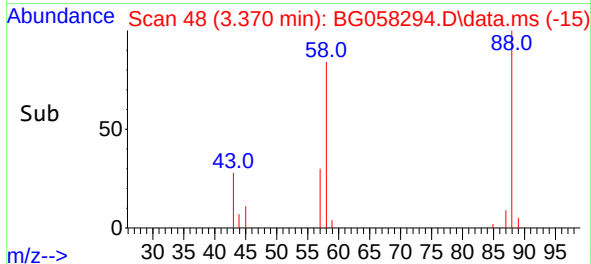
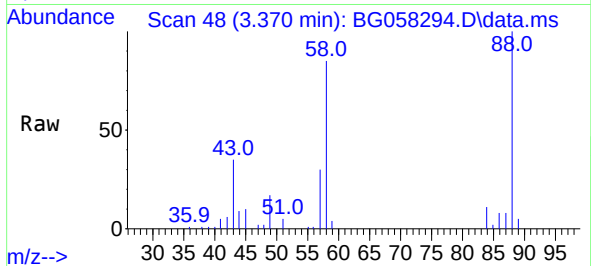
58 84.8 70.2 105.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#6

Benzaldehyde

Concen: 58.424 ng/uL m

RT: 7.037 min Scan# 672

Delta R.T. 0.002 min

Lab File: BG058294.D

Acq: 18 Jul 2023 9:58

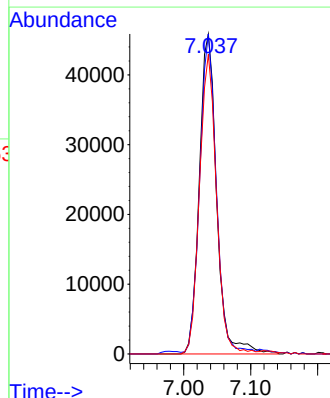
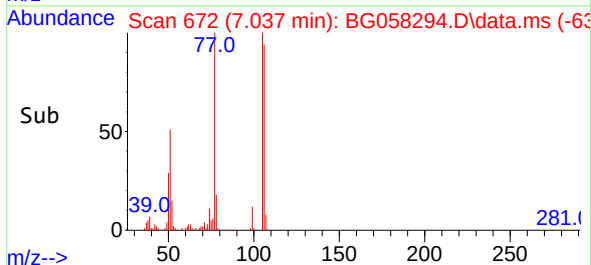
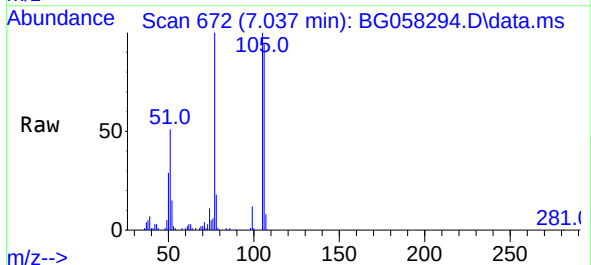
Tgt Ion: 77 Resp: 82747

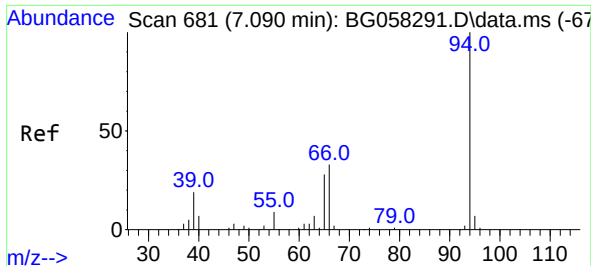
Ion Ratio Lower Upper

77 100

105 100.0 78.2 117.4

106 93.7 71.6 107.4





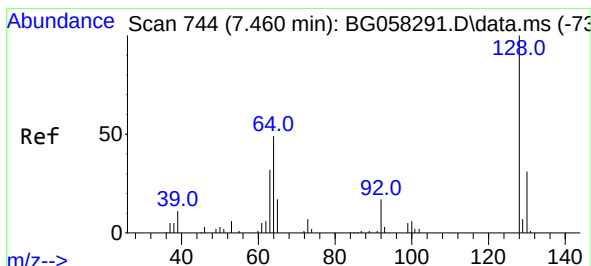
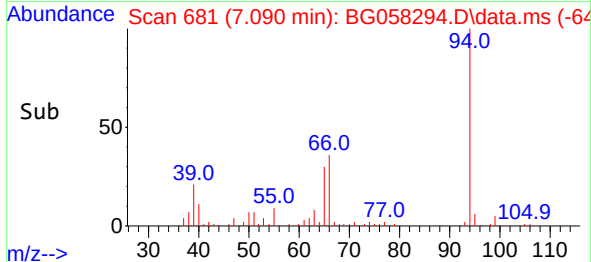
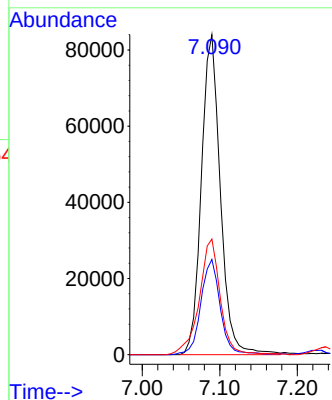
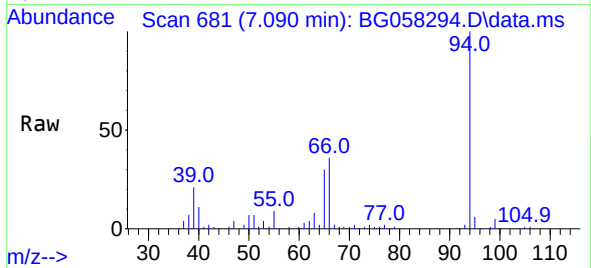
#8
Phenol
Concen: 39.278 ng/ul
RT: 7.090 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

Instrument :
BNA_G
ClientSampleId :
A4672

Tgt Ion: 94 Resp: 143049
Ion Ratio Lower Upper
94 100
65 29.7 23.8 35.8
66 36.1 31.2 46.8

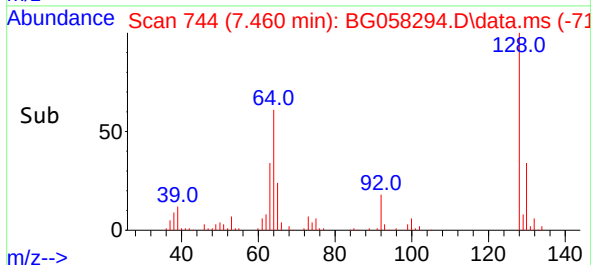
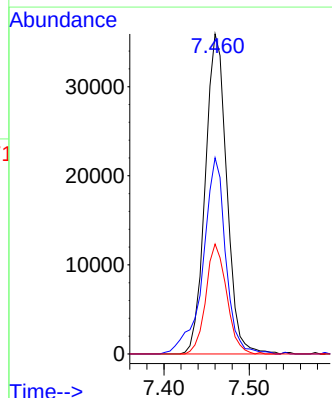
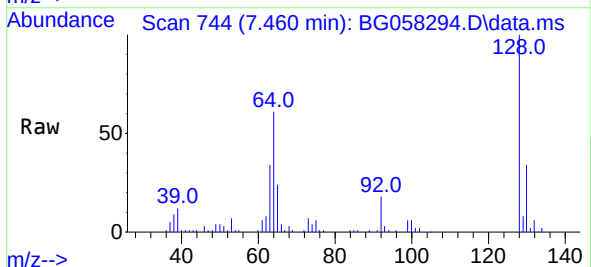
Manual Integrations
APPROVED

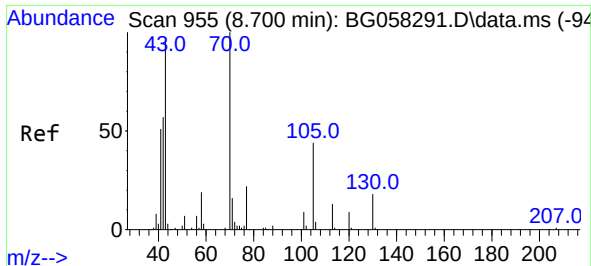
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
2-Chlorophenol
Concen: 24.434 ng/ul
RT: 7.460 min Scan# 744
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

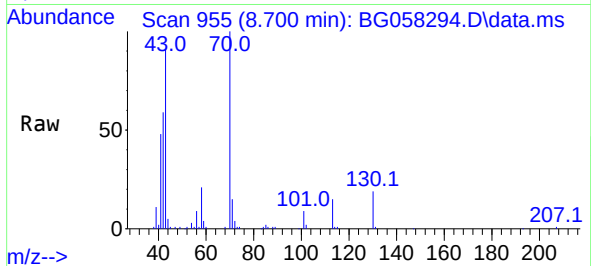
Tgt Ion:128 Resp: 62787
Ion Ratio Lower Upper
128 100
64 61.3 45.6 68.4
130 34.4 25.2 37.8





#17
N-Nitroso-di-n-propylamine
Concen: 28.261 ng/ul
RT: 8.700 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

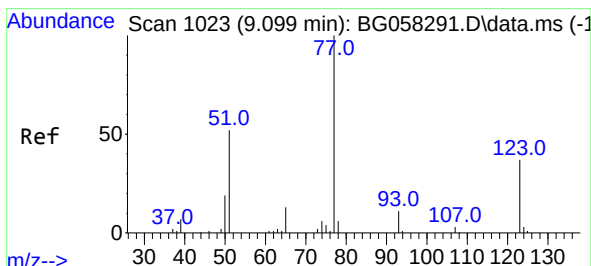
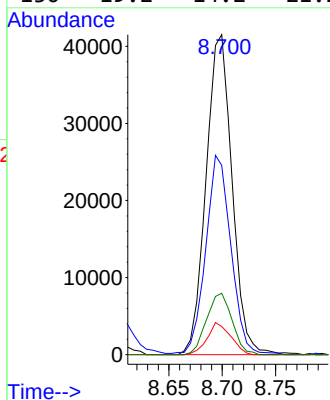
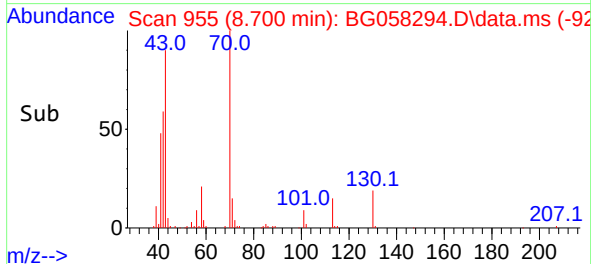
Instrument :
BNA_G
ClientSampleId :
A4672



Tgt Ion: 70 Resp: 7046
Ion Ratio Lower Upper
70 100
42 59.2 46.6 69.8
101 8.8 7.3 10.9
130 19.2 14.2 21.2

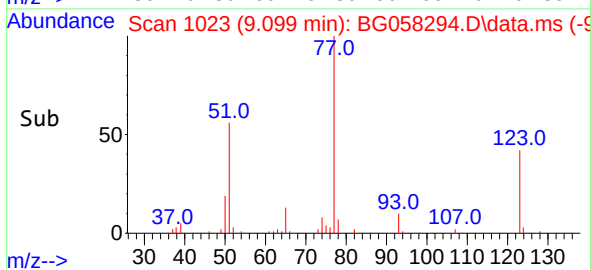
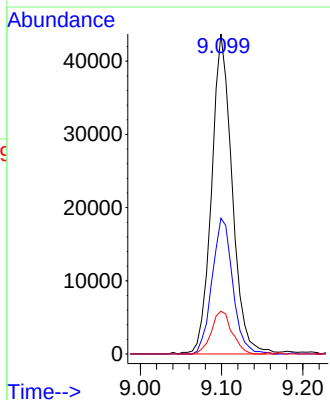
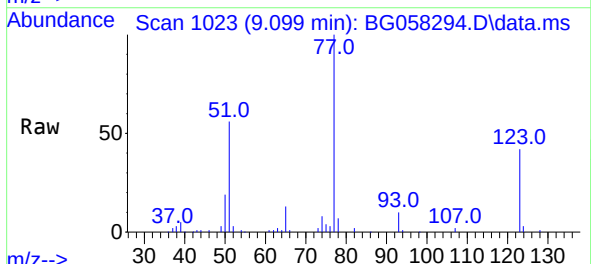
Manual Integrations
APPROVED

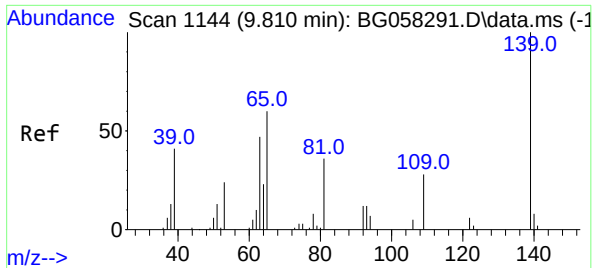
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Nitrobenzene
Concen: 22.788 ng/ul
RT: 9.099 min Scan# 1023
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

Tgt Ion: 77 Resp: 76920
Ion Ratio Lower Upper
77 100
123 42.4 34.0 51.0
65 13.4 11.0 16.6





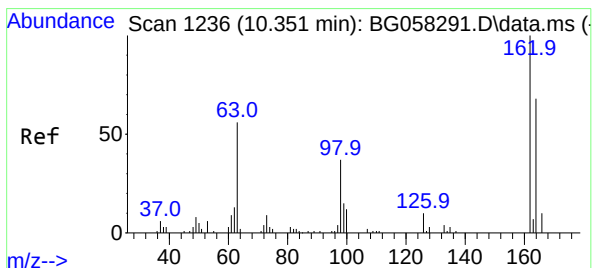
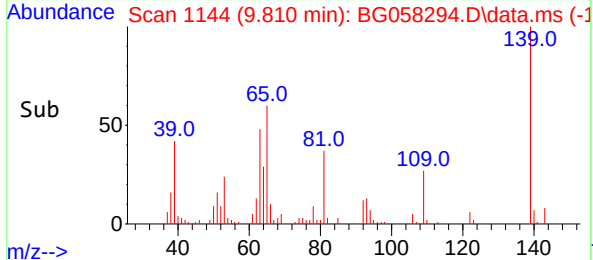
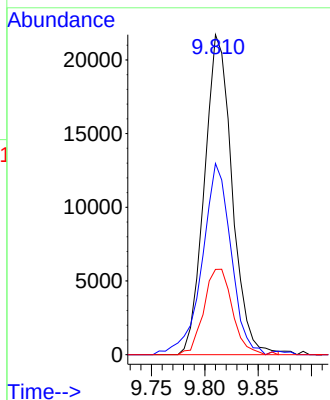
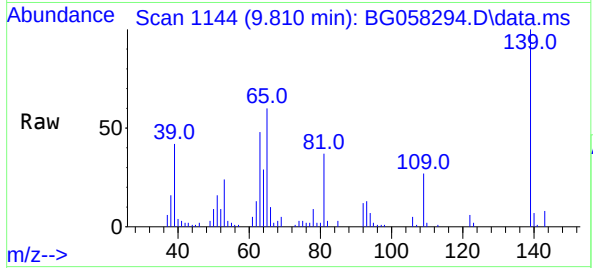
#25
2-Nitrophenol
Concen: 26.548 ng/ul
RT: 9.810 min Scan# 1144
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

Instrument :
BNA_G
ClientSampleId :
A4672

Tgt Ion:139 Resp: 3918
Ion Ratio Lower Upper
139 100
65 59.8 49.2 73.8
109 26.6 21.6 32.4

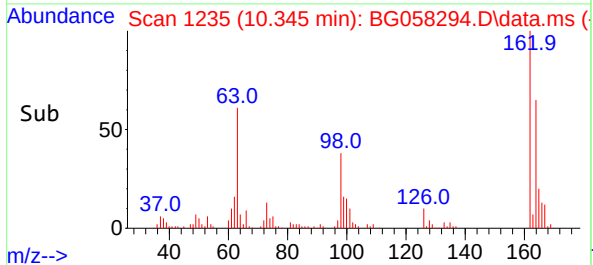
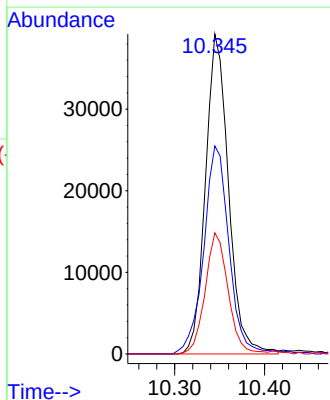
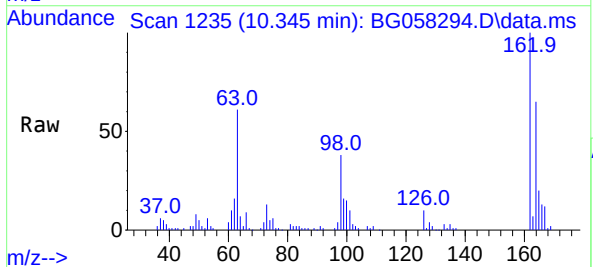
Manual Integrations
APPROVED

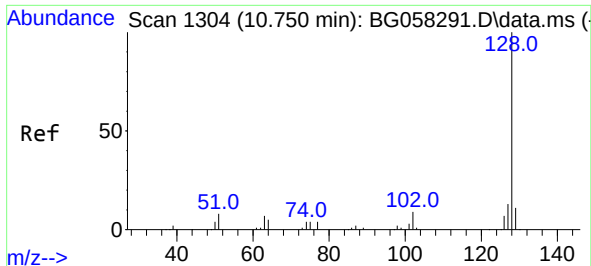
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#29
2,4-Dichlorophenol
Concen: 27.778 ng/ul
RT: 10.345 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

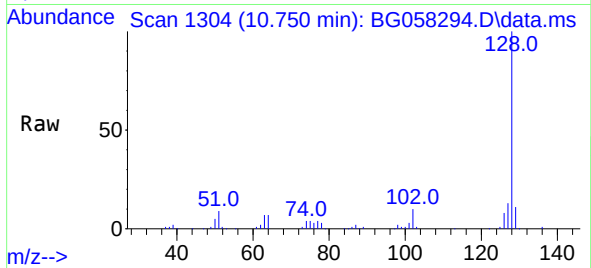
Tgt Ion:162 Resp: 69839
Ion Ratio Lower Upper
162 100
164 65.0 58.4 87.6
98 37.8 29.6 44.4





#30
Naphthalene
Concen: 18.129 ng/ul
RT: 10.750 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

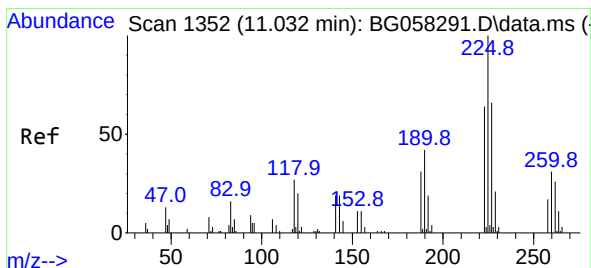
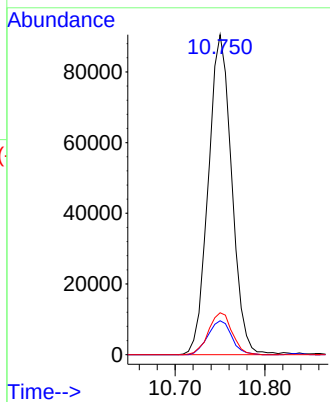
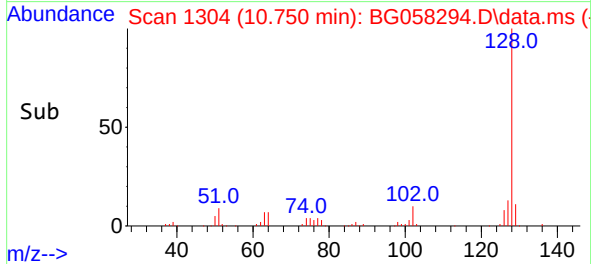
Instrument :
BNA_G
ClientSampleId :
A4672



Tgt Ion:128 Resp: 163630
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.1 10.8 16.2

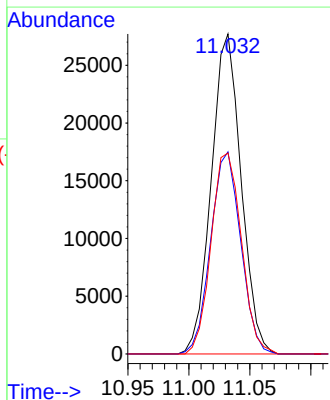
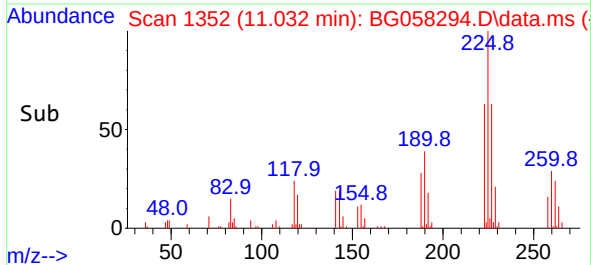
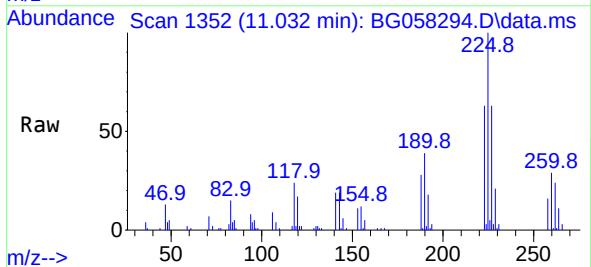
Manual Integrations
APPROVED

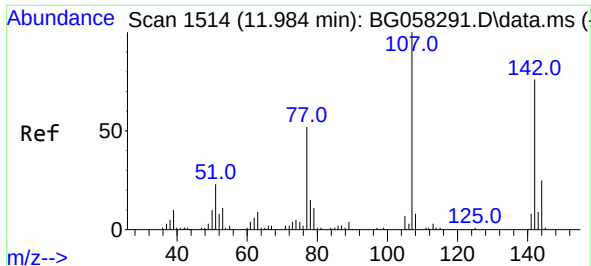
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#33
Hexachlorobutadiene
Concen: 26.273 ng/ul
RT: 11.032 min Scan# 1352
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

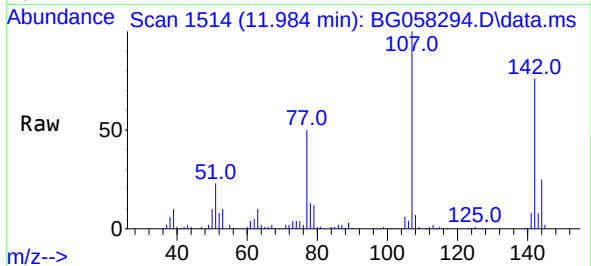
Tgt Ion:225 Resp: 47234
Ion Ratio Lower Upper
225 100
223 63.2 49.7 74.5
227 62.8 53.2 79.8





#35
4-Chloro-3-methylphenol
Concen: 43.570 ng/ul
RT: 11.984 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

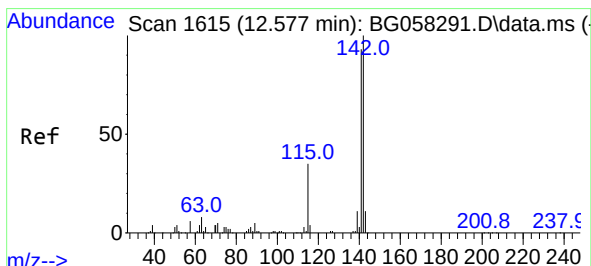
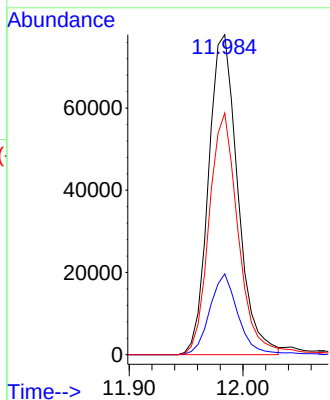
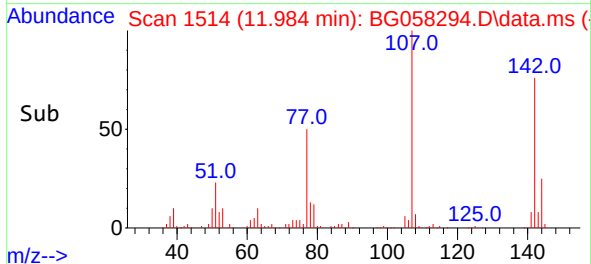
Instrument :
BNA_G
ClientSampleId :
A4672



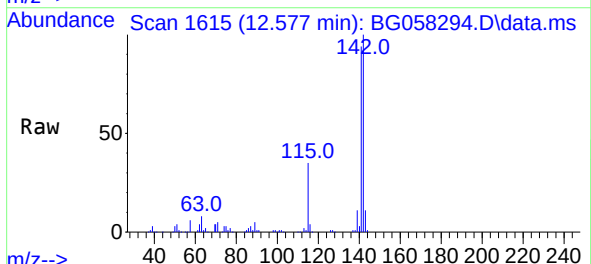
Tgt Ion:107 Resp: 139409
Ion Ratio Lower Upper
107 100
144 25.3 19.0 28.6
142 75.5 55.8 83.6

Manual Integrations
APPROVED

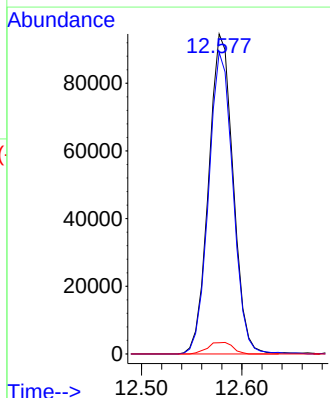
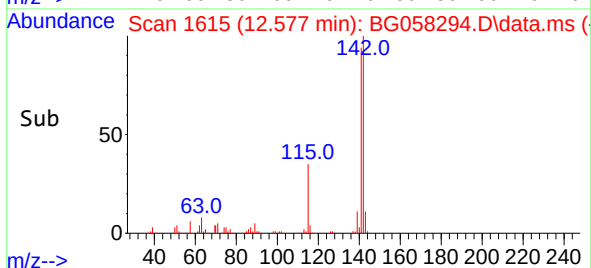
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

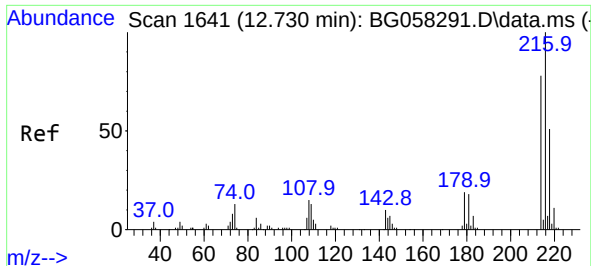


#37
1-Methylnaphthalene
Concen: 25.806 ng/ul
RT: 12.577 min Scan# 1615
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



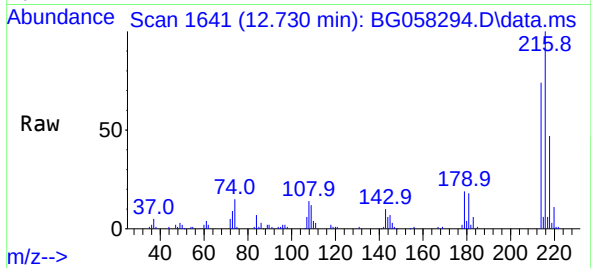
Tgt Ion:142 Resp: 159938
Ion Ratio Lower Upper
142 100
141 94.2 75.8 113.6
116 3.5 3.2 4.8





#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.119 ng/ul
RT: 12.730 min Scan# 1641
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

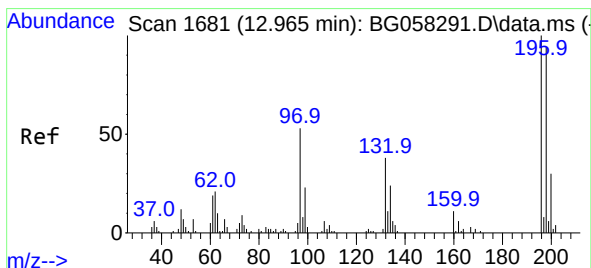
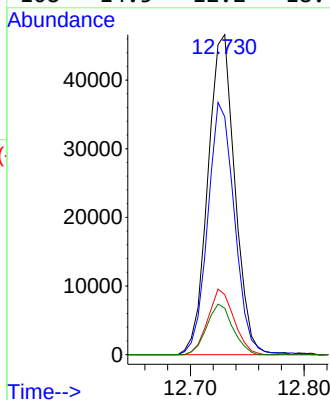
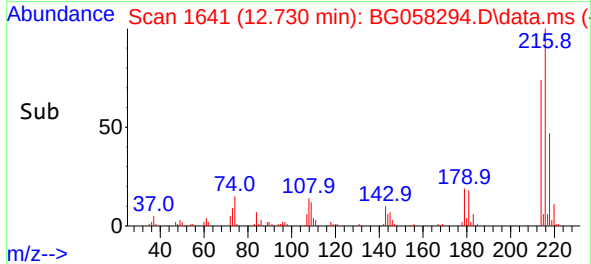
Instrument :
BNA_G
ClientSampleId :
A4672



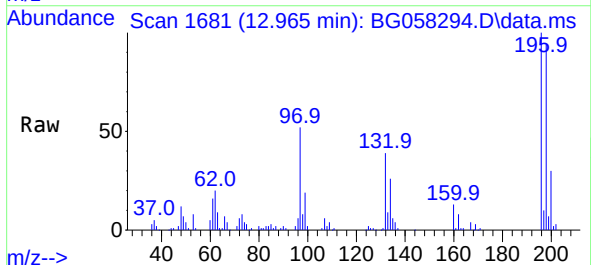
Tgt Ion:216 Resp: 77020
Ion Ratio Lower Upper
216 100
214 74.3 62.2 93.4
179 18.8 16.2 24.2
108 14.5 12.2 18.4

Manual Integrations
APPROVED

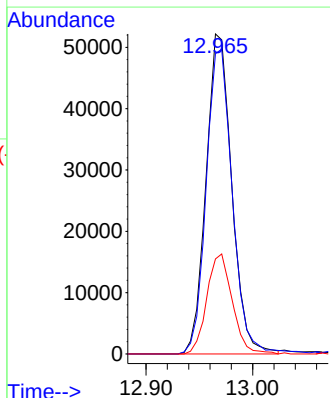
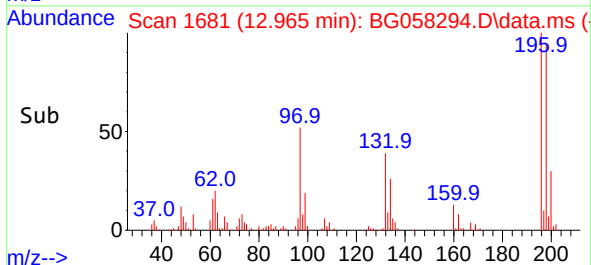
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

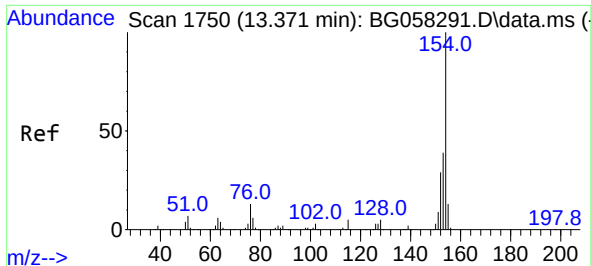


#41
2,4,6-Trichlorophenol
Concen: 35.432 ng/ul
RT: 12.965 min Scan# 1681
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



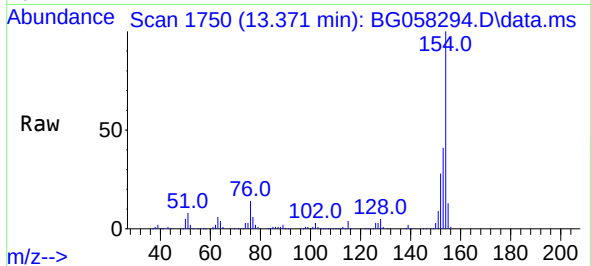
Tgt Ion:196 Resp: 87474
Ion Ratio Lower Upper
196 100
198 93.9 77.7 116.5
200 29.7 25.0 37.6





#43
1,1'-Biphenyl
Concen: 28.463 ng/ul
RT: 13.371 min Scan# 1750
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

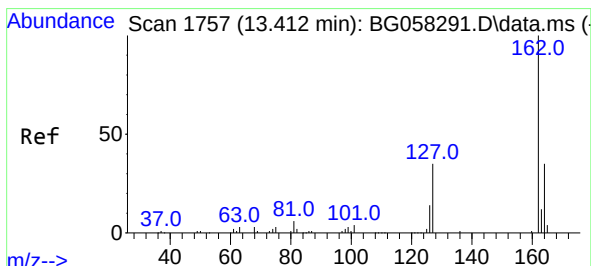
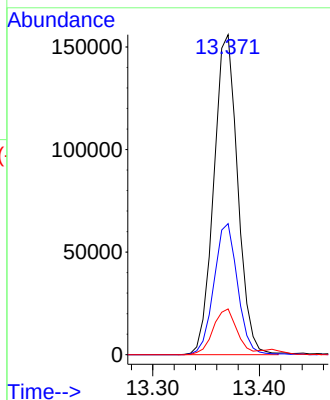
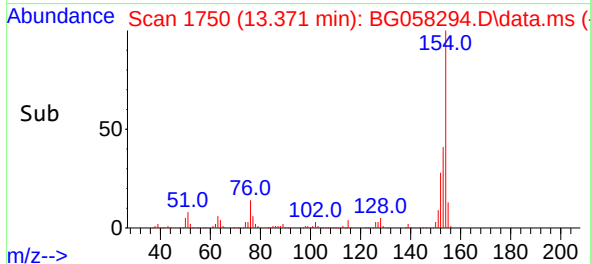
Instrument :
BNA_G
ClientSampleId :
A4672



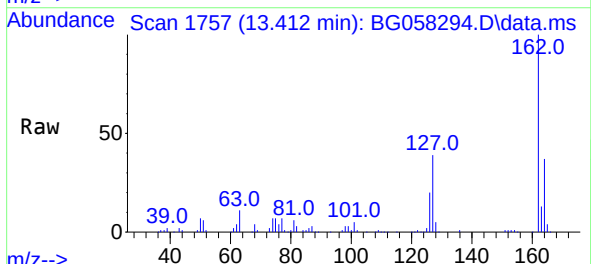
Tgt Ion:154 Resp: 242475
Ion Ratio Lower Upper
154 100
153 41.0 31.8 47.6
76 14.3 11.7 17.5

Manual Integrations
APPROVED

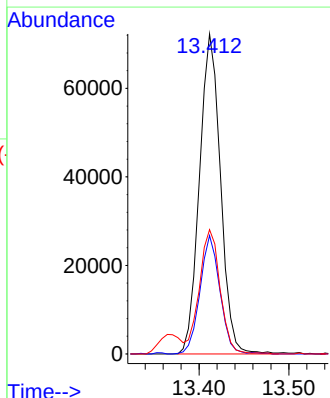
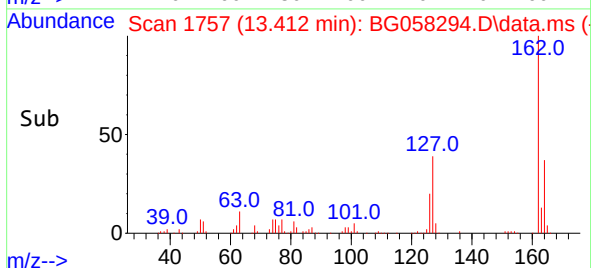
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

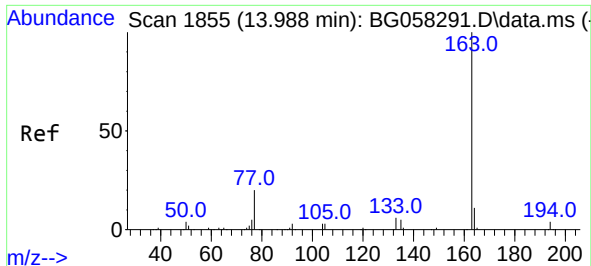


#44
2-Chloronaphthalene
Concen: 17.381 ng/ul
RT: 13.412 min Scan# 1757
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



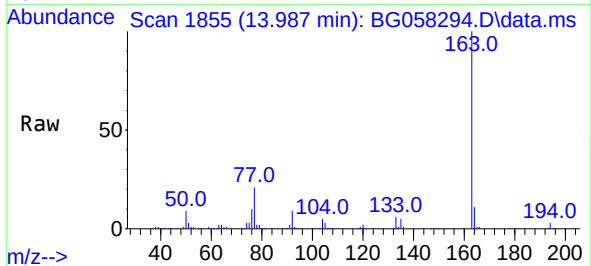
Tgt Ion:162 Resp: 117727
Ion Ratio Lower Upper
162 100
164 37.0 26.2 39.2
127 38.8 29.8 44.6





#47
Dimethylphthalate
Concen: 23.402 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

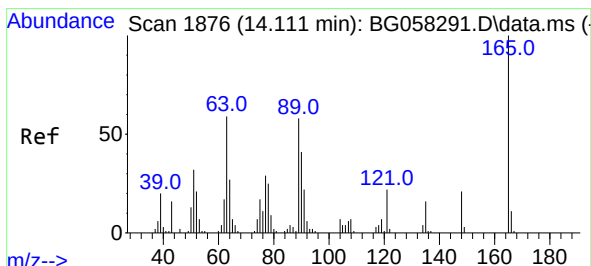
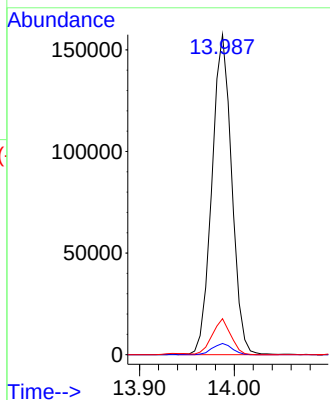
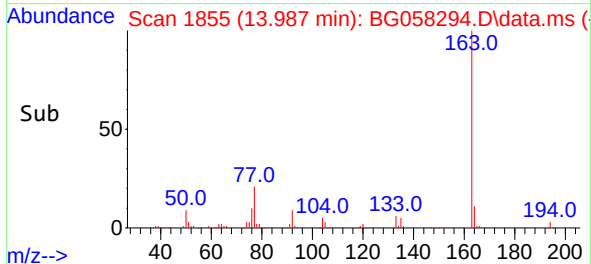
Instrument :
BNA_G
ClientSampleId :
A4672



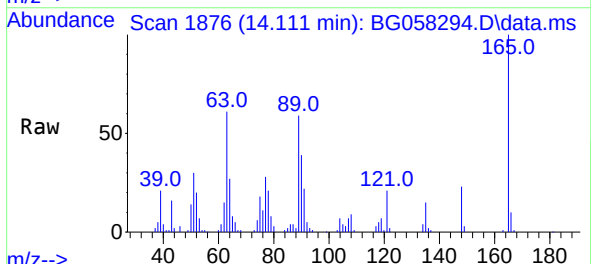
Tgt Ion:163 Resp: 22835
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 11.3 8.2 12.2

Manual Integrations
APPROVED

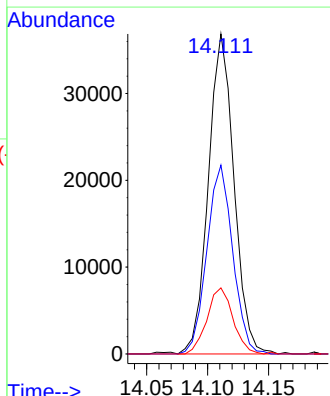
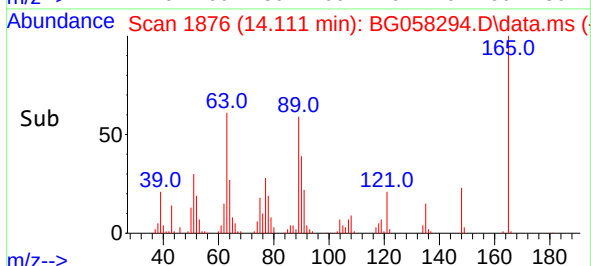
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

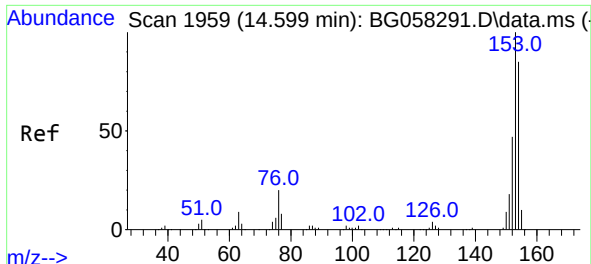


#48
2,6-Dinitrotoluene
Concen: 28.566 ng/ul
RT: 14.111 min Scan# 1876
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



Tgt Ion:165 Resp: 53865
Ion Ratio Lower Upper
165 100
89 59.0 48.9 73.3
121 20.6 16.2 24.4





#52
Acenaphthene
Concen: 23.710 ng/ul
RT: 14.599 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

Instrument :

BNA_G

ClientSampleId :

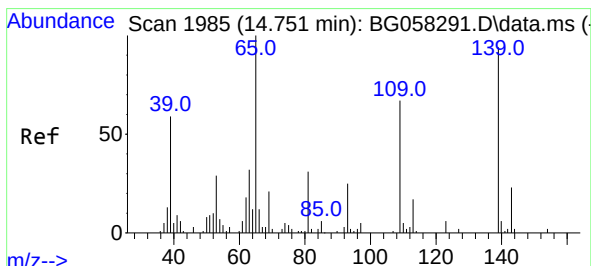
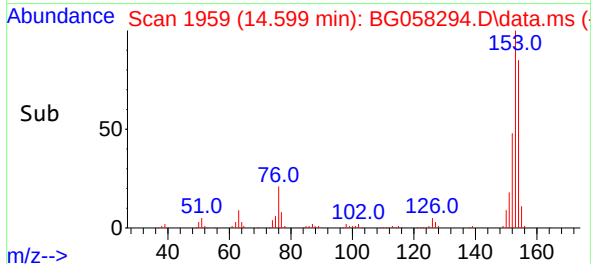
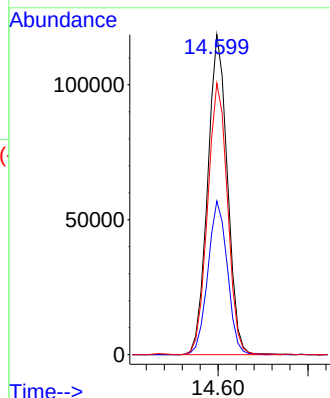
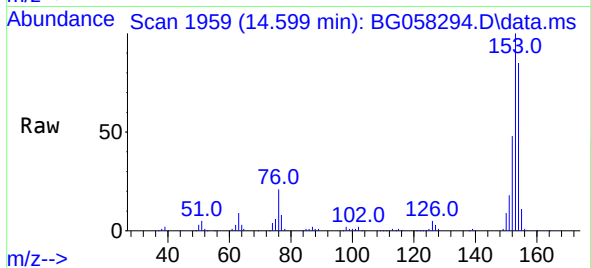
A4672

Tgt Ion:153 Resp: 18090
Ion Ratio Lower Upper
153 100
152 48.0 39.1 58.7
154 84.9 68.7 103.1

Manual Integrations

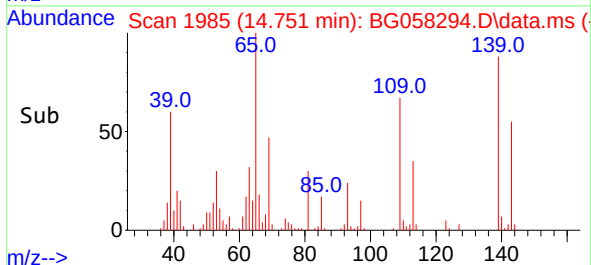
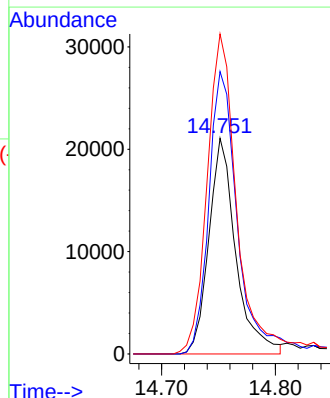
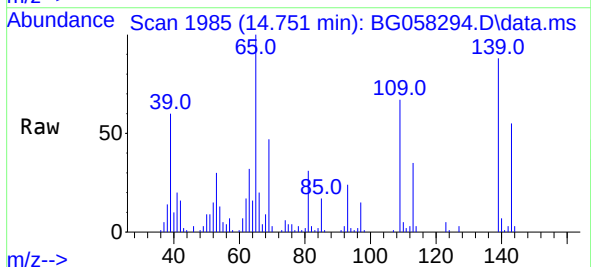
APPROVED

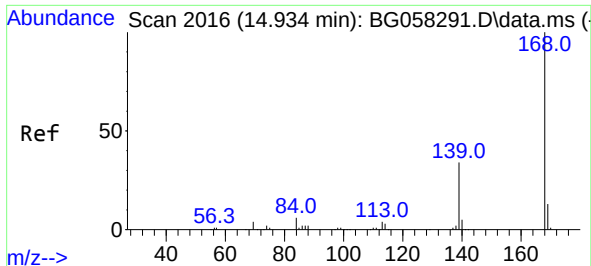
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#55
4-Nitrophenol
Concen: 30.755 ng/ul
RT: 14.751 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

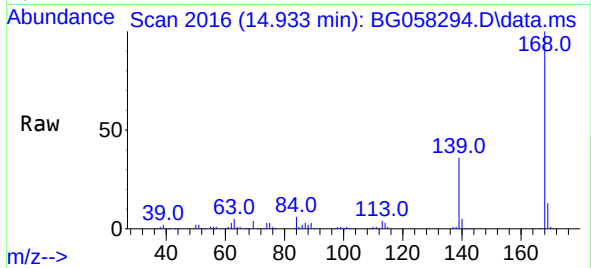
Tgt Ion:109 Resp: 34751
Ion Ratio Lower Upper
109 100
139 130.9 100.3 150.5
65 148.3 120.6 180.8





#56
Dibenzenofuran
Concen: 20.788 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

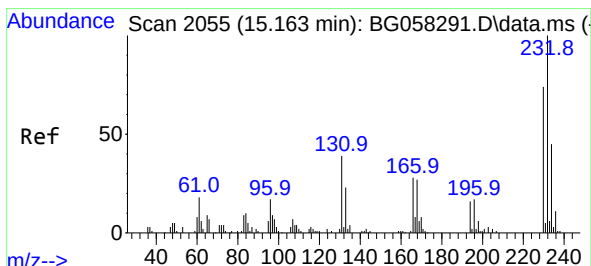
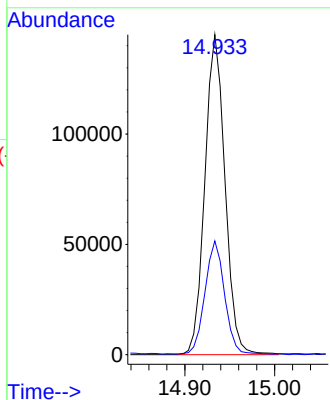
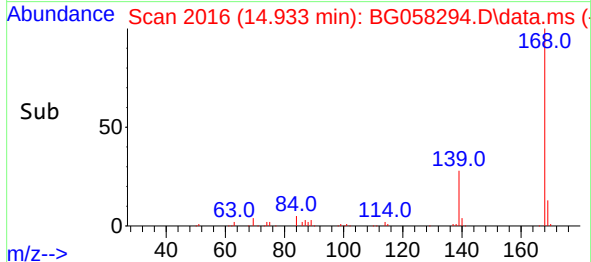
Instrument :
BNA_G
ClientSampleId :
A4672



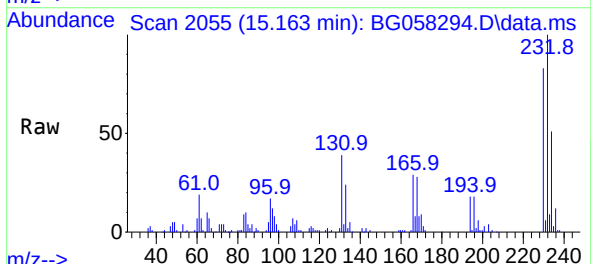
Tgt Ion:168 Resp: 225844
Ion Ratio Lower Upper
168 100
139 35.6 27.8 41.8

Manual Integrations
APPROVED

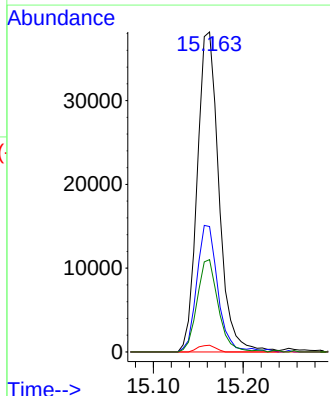
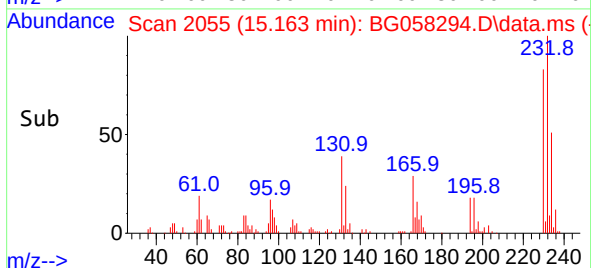
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

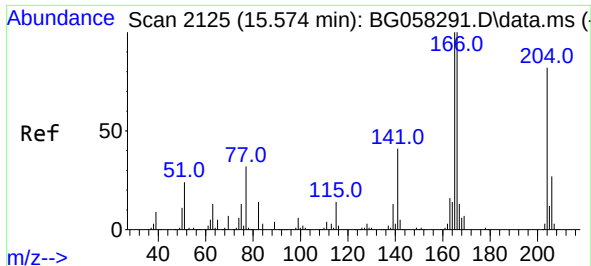


#58
2,3,4,6-Tetrachlorophenol
Concen: 26.356 ng/ul
RT: 15.163 min Scan# 2055
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



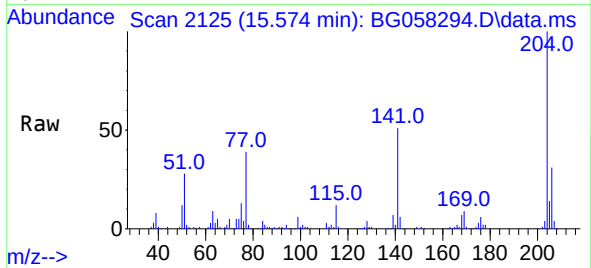
Tgt Ion:232 Resp: 64104
Ion Ratio Lower Upper
232 100
131 39.2 29.0 43.6
130 2.1 1.1 1.7#
166 28.9 23.0 34.6





#62
4-Chlorophenyl-phenylether
Concen: 19.589 ng/ul
RT: 15.574 min Scan# 2125
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

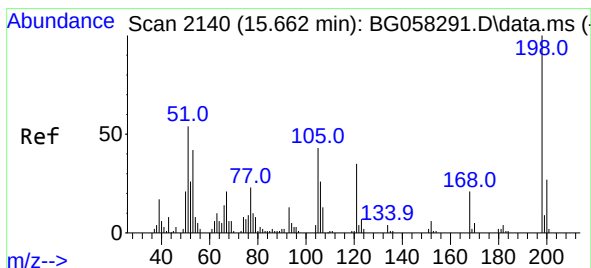
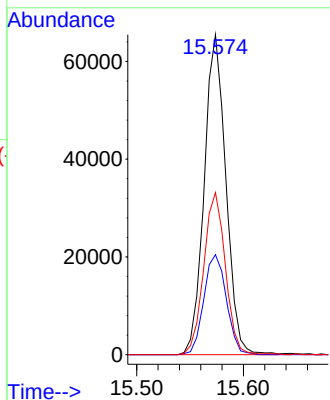
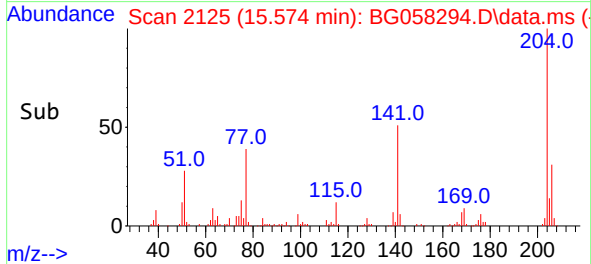
Instrument :
BNA_G
ClientSampleId :
A4672



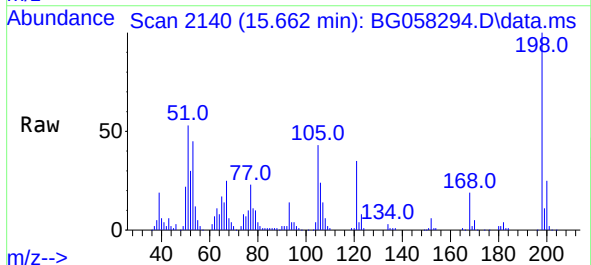
Tgt Ion:204 Resp: 9265
Ion Ratio Lower Upper
204 100
206 31.3 26.0 39.0
141 50.6 42.2 63.2

Manual Integrations
APPROVED

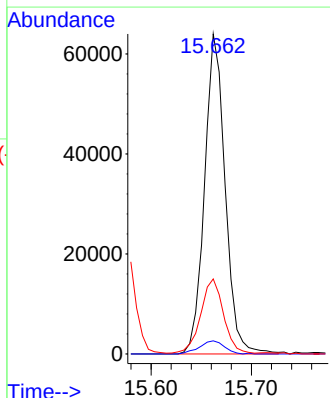
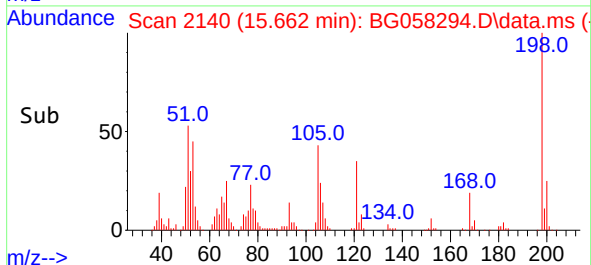
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

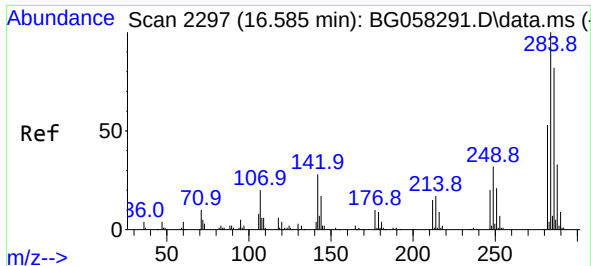


#66
4,6-Dinitro-2-methylphenol
Concen: 54.780 ng/ul
RT: 15.662 min Scan# 2140
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



Tgt Ion:198 Resp: 91224
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 23.4 18.4 27.6





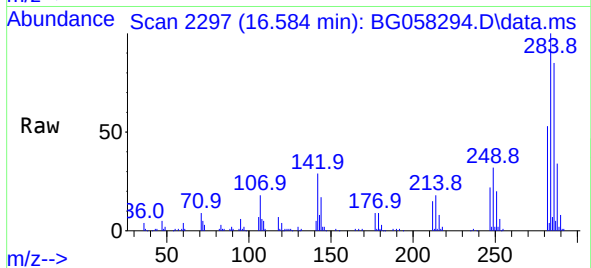
#69
Hexachlorobenzene
Concen: 23.868 ng/ul
RT: 16.584 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

Instrument :

BNA_G

ClientSampleId :

A4672

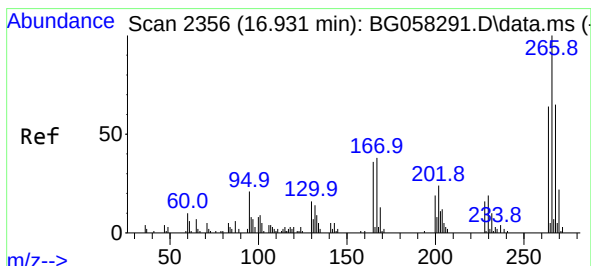
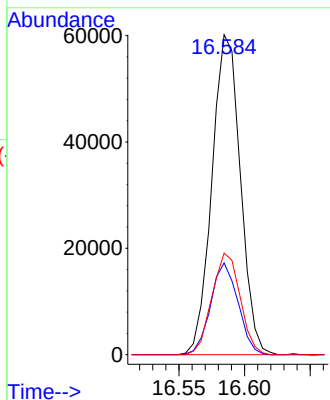
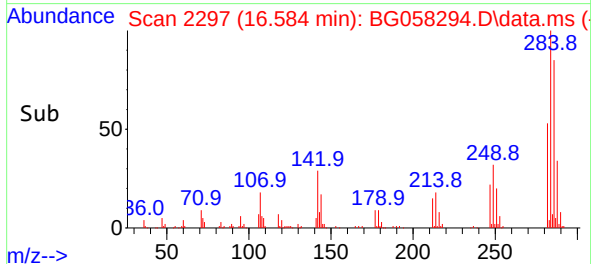


Tgt Ion:284 Resp: 90628
Ion Ratio Lower Upper
284 100
142 28.7 20.5 30.7
249 31.8 25.2 37.8

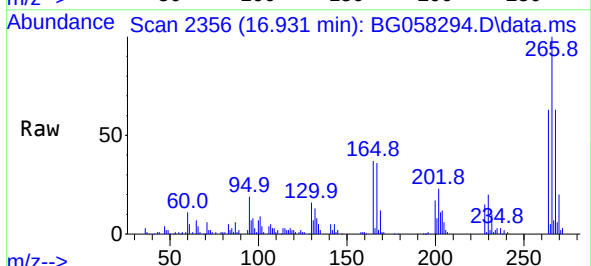
Manual Integrations

APPROVED

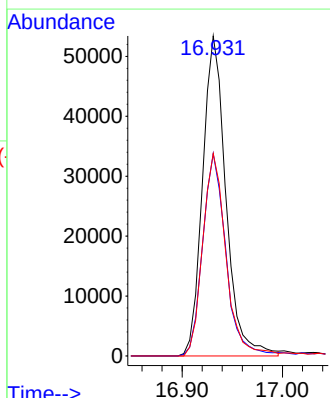
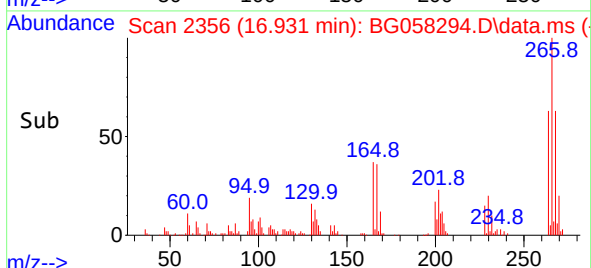
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

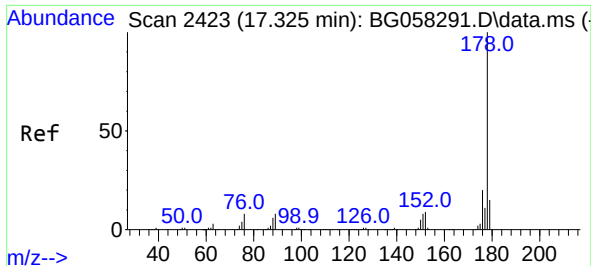


#71
Pentachlorophenol
Concen: 40.617 ng/ul
RT: 16.931 min Scan# 2356
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



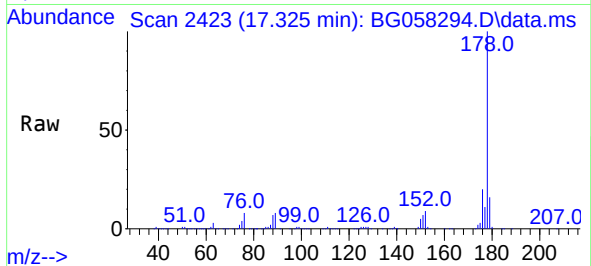
Tgt Ion:266 Resp: 86572
Ion Ratio Lower Upper
266 100
264 63.3 46.6 70.0
268 63.3 47.6 71.4





#72
Phenanthrene
Concen: 21.849 ng/ul
RT: 17.325 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

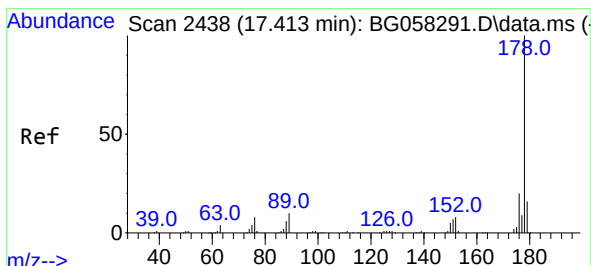
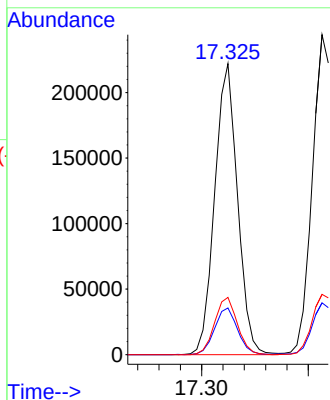
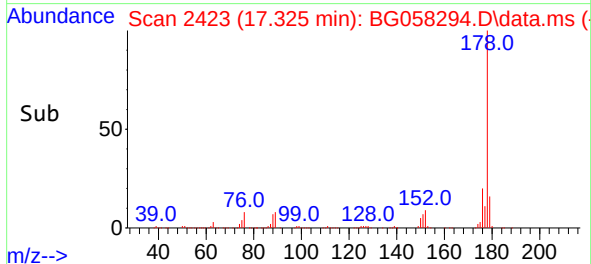
Instrument :
BNA_G
ClientSampleId :
A4672



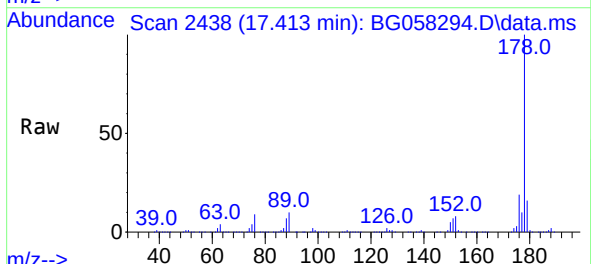
Tgt Ion:178 Resp: 329870
Ion Ratio Lower Upper
178 100
179 16.1 11.9 17.9
176 19.7 15.8 23.8

Manual Integrations
APPROVED

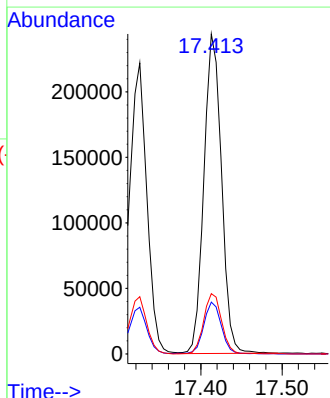
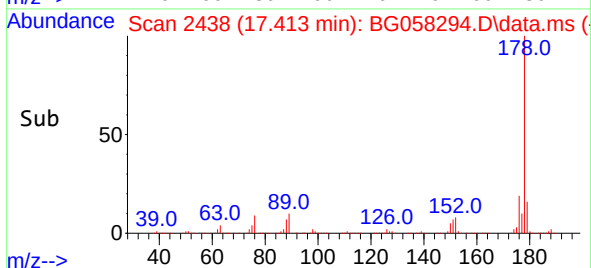
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

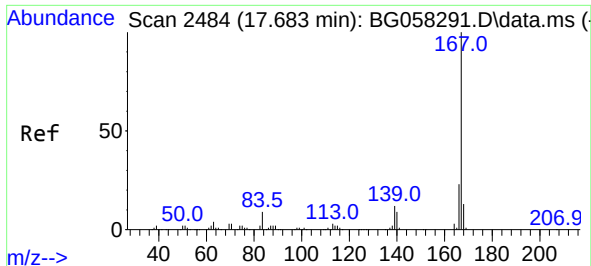


#74
Anthracene
Concen: 24.170 ng/ul
RT: 17.413 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



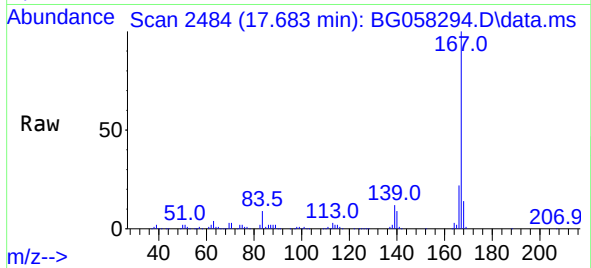
Tgt Ion:178 Resp: 366346
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.2
176 18.9 16.2 24.2





#77
 Carbazole
 Concen: 24.849 ng/ul
 RT: 17.683 min Scan# 2484
 Delta R.T. 0.002 min
 Lab File: BG058294.D
 Acq: 18 Jul 2023 9:58

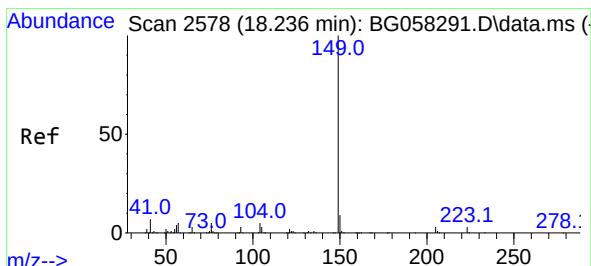
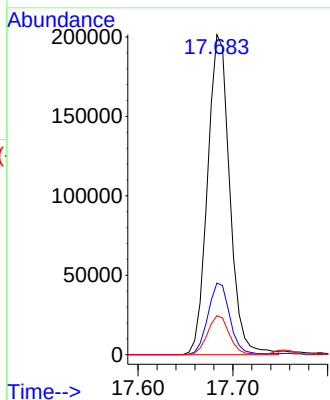
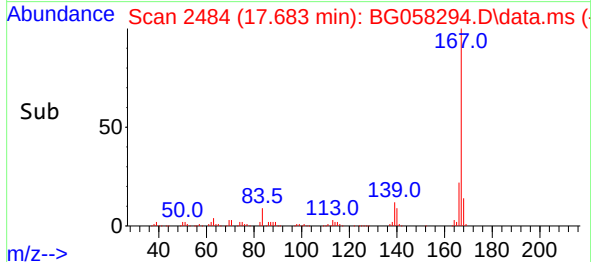
Instrument :
 BNA_G
 ClientSampleId :
 A4672



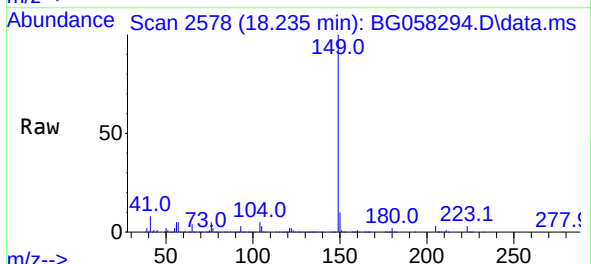
Tgt Ion:167 Resp: 326485
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 12.2 9.4 14.0

Manual Integrations
 APPROVED

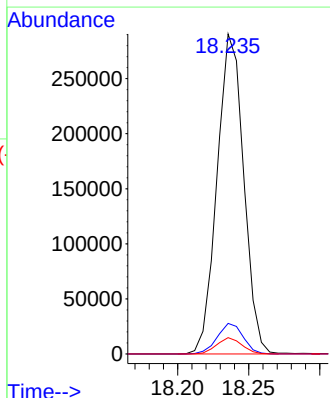
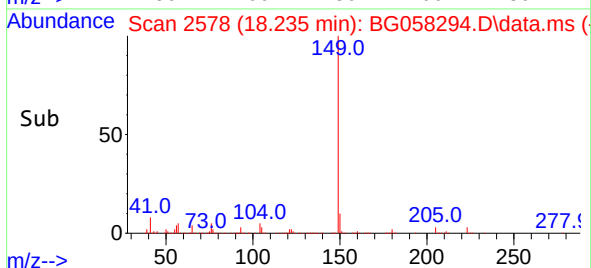
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

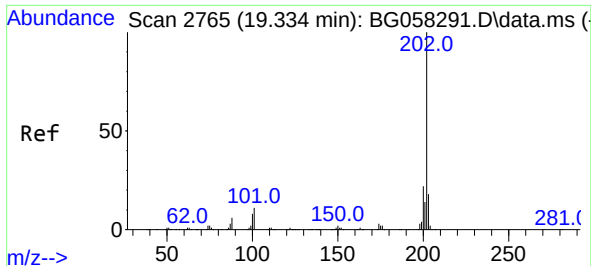


#78
 Di-n-butylphthalate
 Concen: 22.664 ng/ul
 RT: 18.235 min Scan# 2578
 Delta R.T. -0.004 min
 Lab File: BG058294.D
 Acq: 18 Jul 2023 9:58



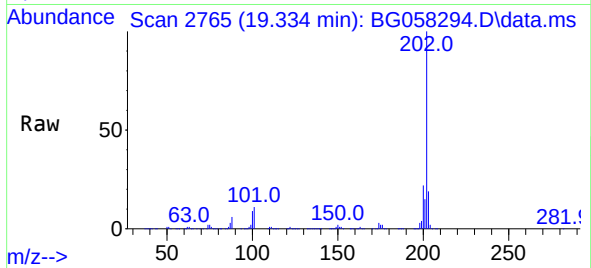
Tgt Ion:149 Resp: 378386
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 5.1 3.9 5.9





#80
Fluoranthene
Concen: 48.254 ng/u1
RT: 19.334 min Scan# 2765
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

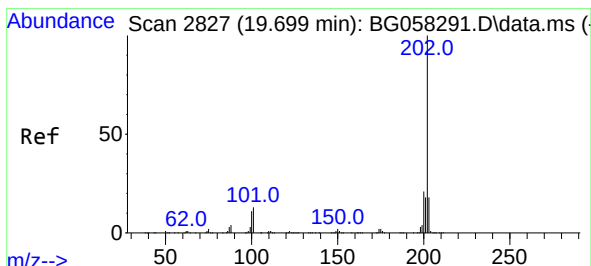
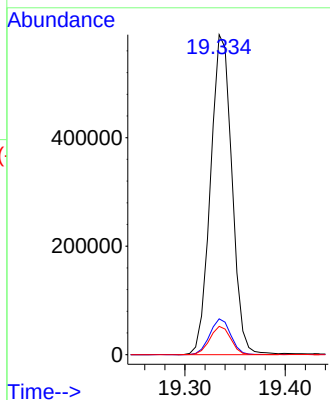
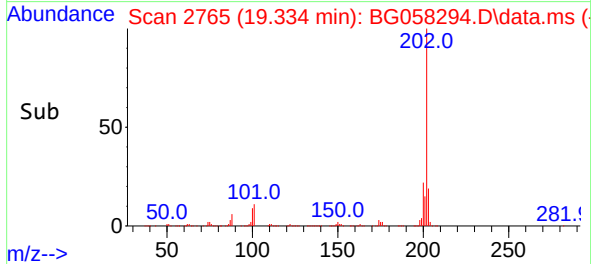
Instrument :
BNA_G
ClientSampleId :
A4672



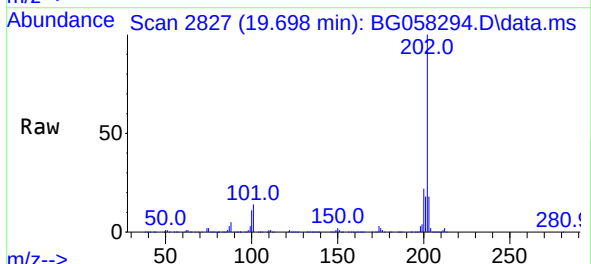
Tgt Ion:202 Resp: 87374
Ion Ratio Lower Upper
202 100
101 11.2 8.6 12.8
100 8.9 7.2 10.8

Manual Integrations
APPROVED

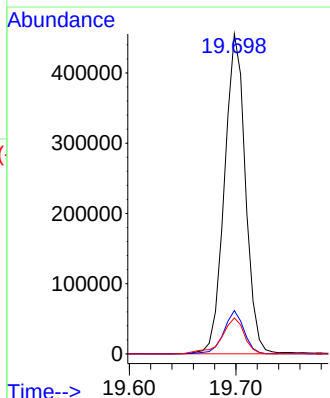
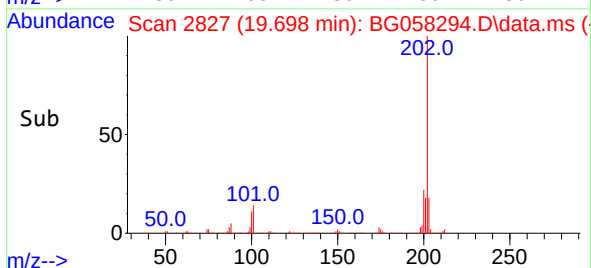
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

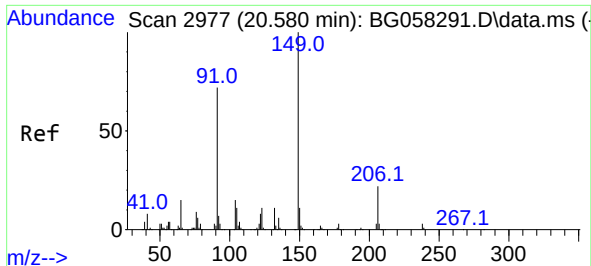


#82
Pyrene
Concen: 33.759 ng/u1
RT: 19.698 min Scan# 2827
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



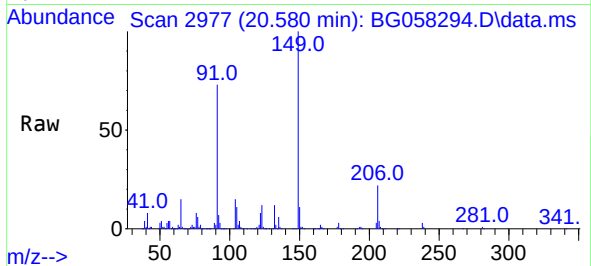
Tgt Ion:202 Resp: 619370
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.2
100 11.3 8.9 13.3





#83
Butylbenzylphthalate
Concen: 21.308 ng/ul
RT: 20.580 min Scan# 2977
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

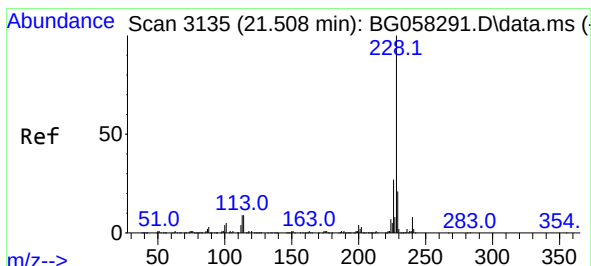
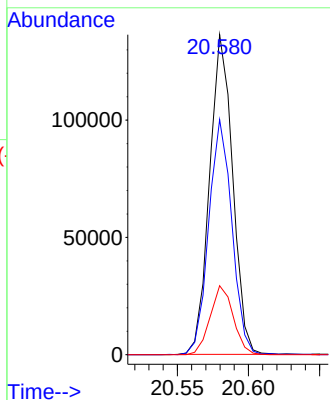
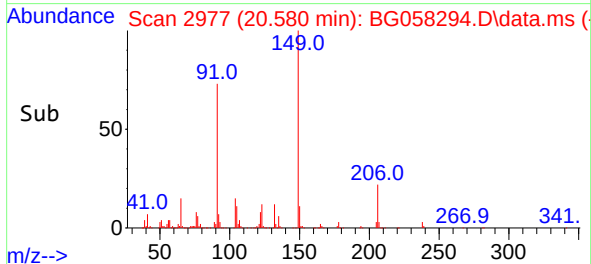
Instrument :
BNA_G
ClientSampleId :
A4672



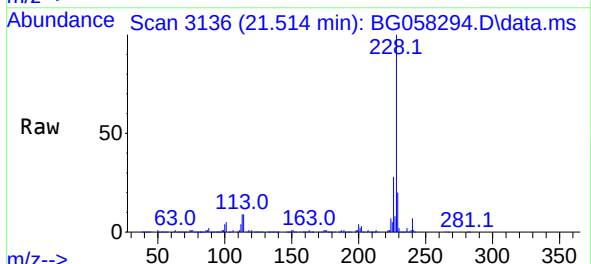
Tgt Ion:149 Resp: 153942
Ion Ratio Lower Upper
149 100
91 73.4 59.9 89.9
206 21.6 16.9 25.3

Manual Integrations
APPROVED

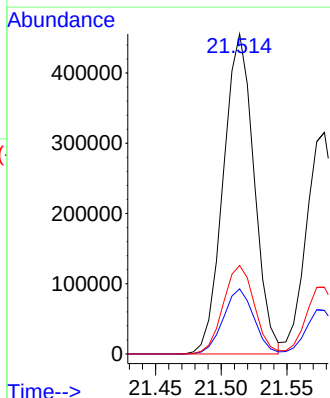
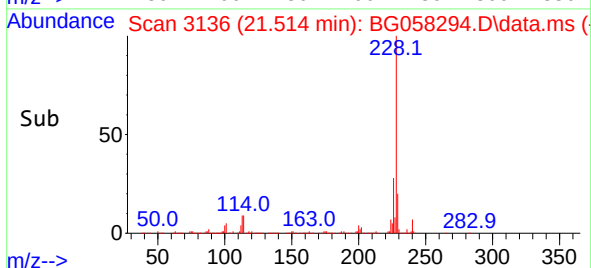
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

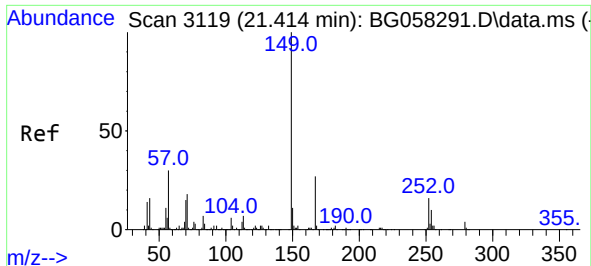


#85
Benzo(a)anthracene
Concen: 41.329 ng/ul
RT: 21.514 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



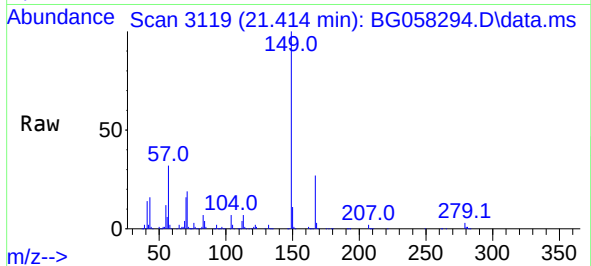
Tgt Ion:228 Resp: 743393
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.7 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 27.006 ng/ul
RT: 21.414 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

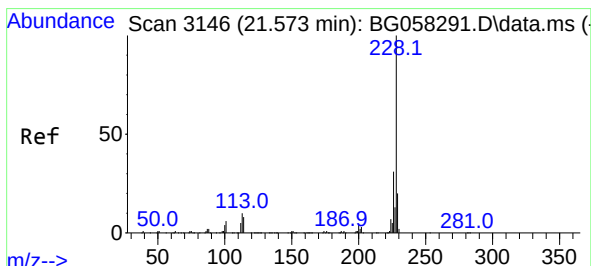
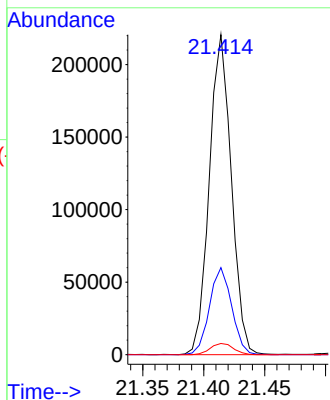
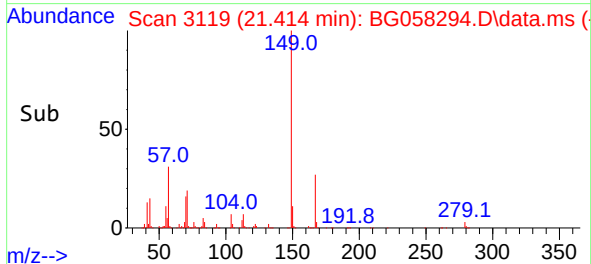
Instrument :
BNA_G
ClientSampleId :
A4672



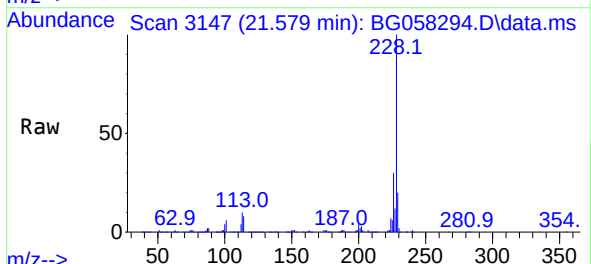
Tgt Ion:149 Resp: 27751
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 3.5 3.0 4.4

Manual Integrations
APPROVED

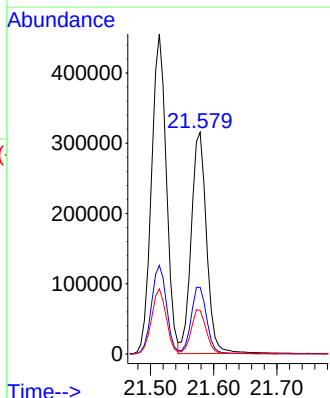
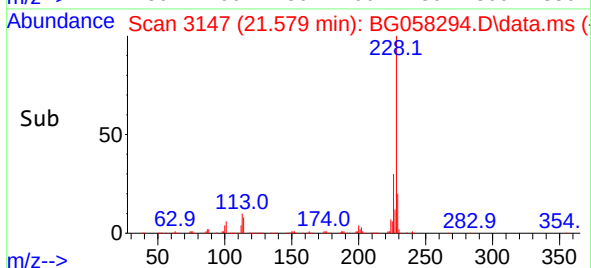
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

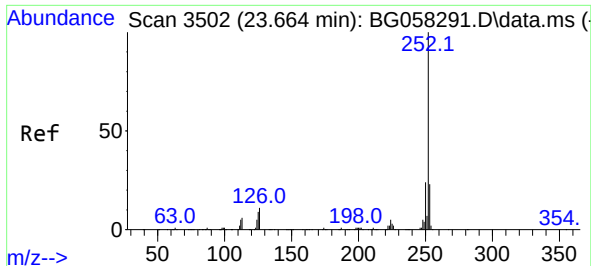


#87
Chrysene
Concen: 31.059 ng/ul
RT: 21.579 min Scan# 3147
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58



Tgt Ion:228 Resp: 529915
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.7 15.8 23.8





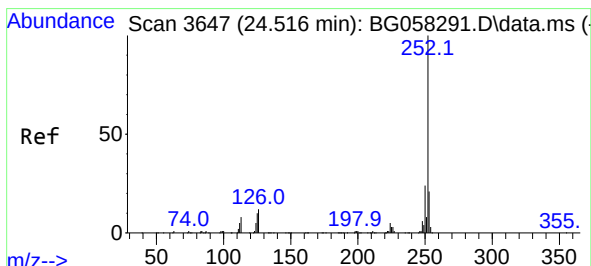
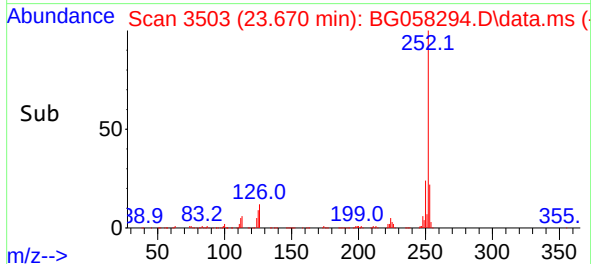
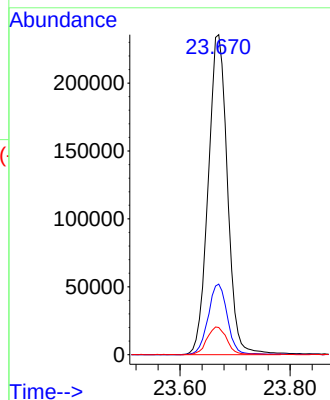
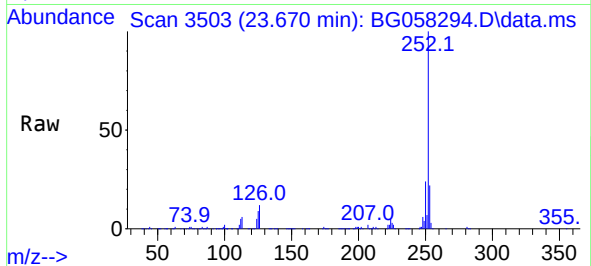
#90
Benzo(b)fluoranthene
Concen: 30.273 ng/u1
RT: 23.670 min Scan# 3502
Delta R.T. 0.002 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

Instrument :
BNA_G
ClientSampleId :
A4672

Tgt Ion:252 Resp: 57215
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.5 6.7 10.1

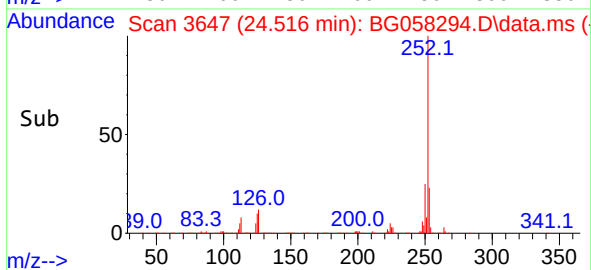
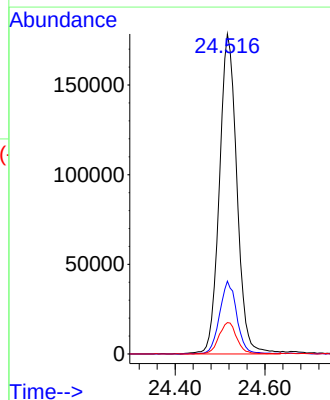
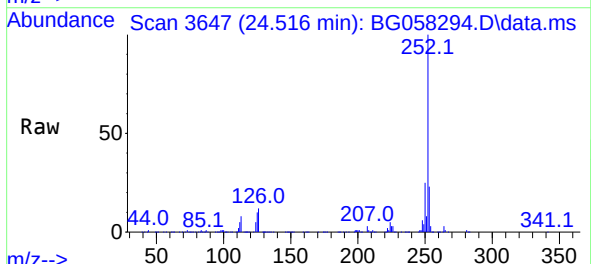
Manual Integrations
APPROVED

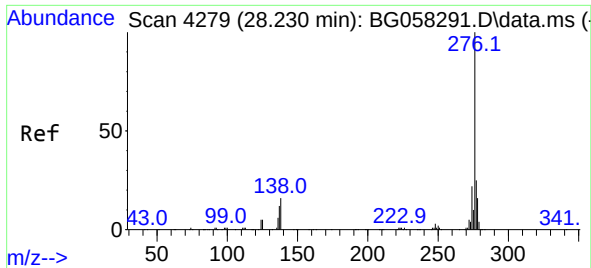
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#93
Benzo(a)pyrene
Concen: 28.798 ng/u1
RT: 24.516 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BG058294.D
Acq: 18 Jul 2023 9:58

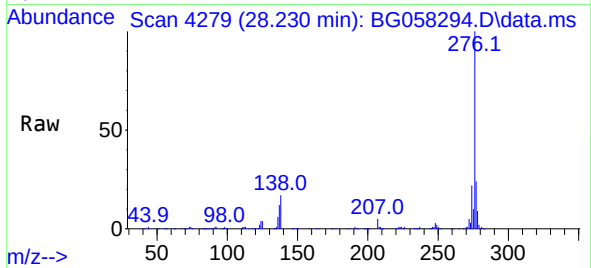
Tgt Ion:252 Resp: 484106
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 9.8 7.7 11.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 30.875 ng/uI
 RT: 28.230 min Scan# 4279
 Delta R.T. 0.002 min
 Lab File: BG058294.D
 Acq: 18 Jul 2023 9:58

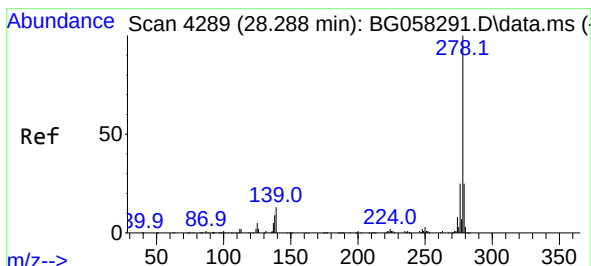
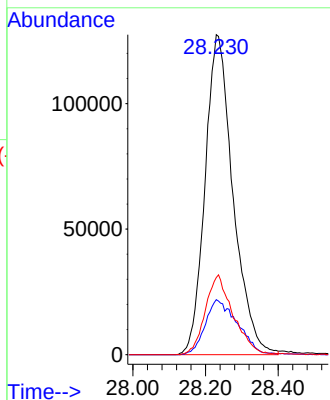
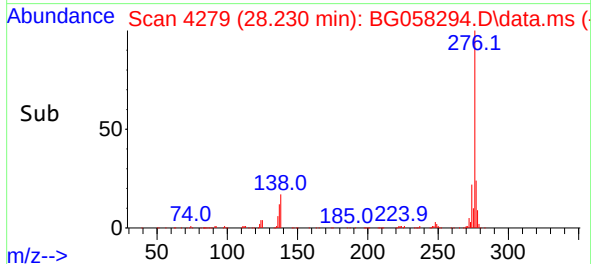
Instrument :
 BNA_G
 ClientSampleId :
 A4672



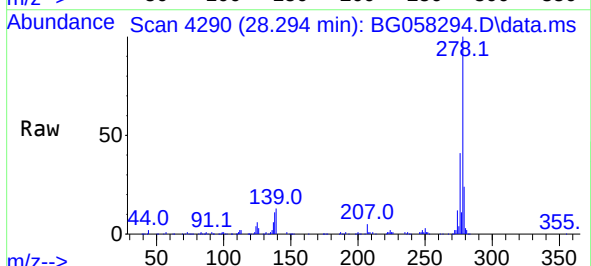
Tgt Ion:276 Resp: 68383
 Ion Ratio Lower Upper
 276 100
 138 17.2 13.8 20.6
 277 24.1 19.2 28.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 24.201 ng/uI
 RT: 28.294 min Scan# 4290
 Delta R.T. 0.002 min
 Lab File: BG058294.D
 Acq: 18 Jul 2023 9:58



Tgt Ion:278 Resp: 439538
 Ion Ratio Lower Upper
 278 100
 139 13.1 10.4 15.6
 279 23.8 18.4 27.6

