

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
 Data File : BG056728.D
 Acq On : 27 Feb 2023 12:52
 Operator : CG/JU
 Sample : 01378-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Feb 27 13:28:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 15:40:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.421	152	17623	20.000	ng/u1	0.00
20) Naphthalene-d8	11.259	136	77112	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.025	164	61036	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.757	188	155115	20.000	ng/u1	0.00
79) Chrysene-d12	22.070	240	149074	20.000	ng/u1	0.00
88) Perylene-d12	25.595	264	151908	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.697	96	1515	4.769	ng/uL	0.00
4) Pyridine-d5	4.138	84	17033	13.283	ng/u1	0.00
7) Phenol-d5	7.540	99	31191	17.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.722	67	19827	18.431	ng/u1	0.00
11) 2-Chlorophenol-d4	7.939	132	20888	17.836	ng/u1	0.00
15) 4-Methylphenol-d8	9.109	113	22304	16.552	ng/u1	0.00
21) Nitrobenzene-d5	9.590	128	12014	18.591	ng/u1	0.00
24) 2-Nitrophenol-d4	10.325	143	12248	15.922	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.860	165	23728	16.374	ng/u1	0.00
31) 4-Chloroaniline-d4	11.377	131	33345	17.642	ng/u1	0.00
46) Dimethylphthalate-d6	14.408	166	88099	17.890	ng/u1	0.00
49) Acenaphthylene-d8	14.720	160	98262	17.556	ng/u1	0.00
54) 4-Nitrophenol-d4	15.172	143	13891	16.361	ng/u1	0.00
60) Fluorene-d10	16.006	176	80745	17.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.106	200	14746	14.209	ng/u1	0.00
73) Anthracene-d10	17.857	188	127917m	16.998	ng/u1	0.00
81) Pyrene-d10	20.113	212	161311	15.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.348	264	144321	17.601	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.744	88	523	1.335	ng/uL	88
5) Pyridine	4.162	79	5395	3.973	ng/u1	89
6) Benzaldehyde	7.540	77	4114	4.453	ng/u1	83
8) Phenol	7.563	94	7208	4.007	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.822	93	5098	3.989	ng/u1	92
12) 2-Chlorophenol	7.969	128	5001	4.312	ng/u1#	93
13) 2-Methylphenol	8.844	108	5258	3.875	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.938	45	7110	4.140	ng/u1	98
16) Acetophenone	9.244	105	9127	3.955	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.214	70	5548	4.190	ng/u1	93
18) 4-Methylphenol	9.167	108	5523	3.746	ng/u1	86
19) Hexachloroethane	9.526	117	2143	4.345	ng/u1#	81
22) Nitrobenzene	9.632	77	7955	4.245	ng/u1	92
23) Isophorone	10.155	82	14925	4.074	ng/u1	99
25) 2-Nitrophenol	10.354	139	3012	3.967	ng/u1	96
26) 2,4-Dimethylphenol	10.390	107	5854	3.452	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.630	93	7922	4.278	ng/u1	95
29) 2,4-Dichlorophenol	10.889	162	5481	3.906	ng/u1	91
30) Naphthalene	11.306	128	18068	4.257	ng/u1	99
32) 4-Chloroaniline	11.400	127	8041	4.295	ng/u1	95
33) Hexachlorobutadiene	11.588	225	4661	4.167	ng/u1	92
34) Caprolactam	12.123	113	2414m	5.060	ng/u1	
35) 4-Chloro-3-methylphenol	12.481	107	5986	3.713	ng/u1	94
36) 2-Methylnaphthalene	12.881	142	12939	4.257	ng/u1	100

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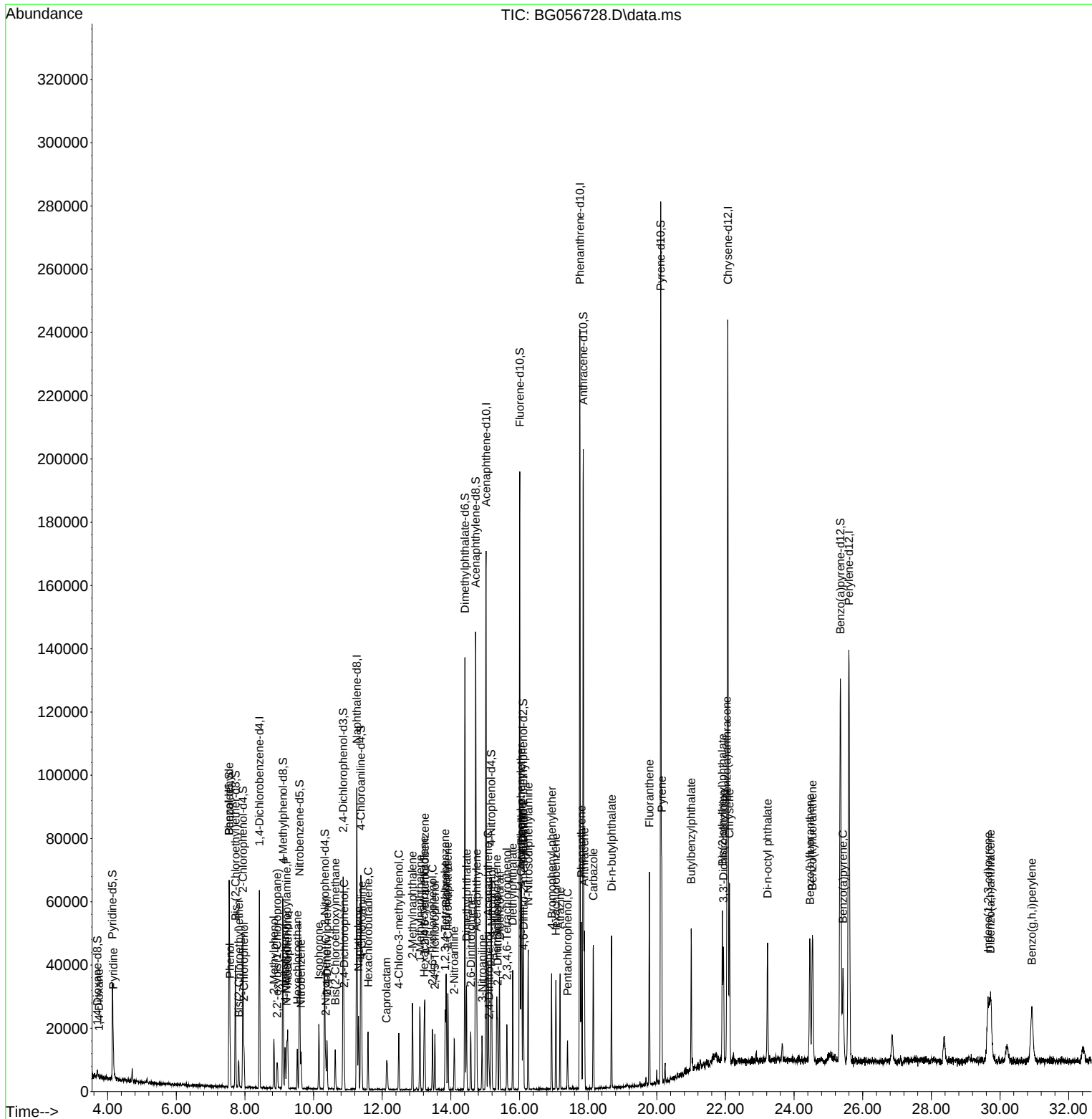
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.098	142	12564	4.192	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.239	216	9504	4.392	ng/ul	99
40) Hexachlorocyclopentadiene	13.222	237	4826	3.112	ng/ul#	73
41) 2,4,6-Trichlorophenol	13.462	196	5377	3.719	ng/ul#	91
42) 2,4,5-Trichlorophenol	13.533	196	5810	3.701	ng/ul	87
43) 1,1'-Biphenyl	13.862	154	18891	4.209	ng/ul#	95
44) 2-Chloronaphthalene	13.909	162	15814	4.259	ng/ul	91
45) 2-Nitroaniline	14.097	65	4297	3.334	ng/ul	99
47) Dimethylphthalate	14.455	163	21184	4.230	ng/ul	98
48) 2,6-Dinitrotoluene	14.579	165	3810	3.711	ng/ul	91
50) Acenaphthylene	14.749	152	23683	4.189	ng/ul	98
51) 3-Nitroaniline	14.914	138	4214	4.586	ng/ul	85
52) Acenaphthene	15.084	153	16344	4.208	ng/ul	98
53) 2,4-Dinitrophenol	15.113	184	2901	4.411	ng/ul#	81
55) 4-Nitrophenol	15.190	109	3446	3.506	ng/ul	94
56) Dibenzofuran	15.419	168	24834	4.212	ng/ul	99
57) 2,4-Dinitrotoluene	15.360	165	5434	3.692	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.630	232	5500	3.764	ng/ul#	97
59) Diethylphthalate	15.801	149	19772	3.944	ng/ul	94
61) Fluorene	16.059	166	19635	4.159	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.042	204	11548	4.129	ng/ul	96
63) 4-Nitroaniline	16.065	138	3518	3.919	ng/ul#	72
66) 4,6-Dinitro-2-methylph...	16.118	198	3786	3.789	ng/ul#	97
67) N-Nitrosodiphenylamine	16.253	169	17610	4.083	ng/ul	93
68) 4-Bromophenyl-phenylether	16.935	248	8059	4.100	ng/ul	91
69) Hexachlorobenzene	17.058	284	8728	4.133	ng/ul	96
70) Atrazine	17.182	200	8174	4.363	ng/ul#	96
71) Pentachlorophenol	17.399	266	4299	3.585	ng/ul	89
72) Phenanthrene	17.799	178	35423	4.216	ng/ul	96
74) Anthracene	17.887	178	34809	4.099	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.833	216	8387	3.534	ng/uL	95
76) Pentachlorobenzene	15.331	250	8429	3.502	ng/uL	97
77) Carbazole	18.151	167	30489	4.291	ng/ul	98
78) Di-n-butylphthalate	18.680	149	33052	4.037	ng/ul	98
80) Fluoranthene	19.784	202	44820	3.675	ng/ul	97
82) Pyrene	20.143	202	46443	3.865	ng/ul	99
83) Butylbenzylphthalate	21.001	149	13701	3.594	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.941	252	15811	4.230	ng/ul	93
85) Benzo(a)anthracene	22.041	228	44554	4.106	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.911	149	20423	3.814	ng/ul#	98
87) Chrysene	22.117	228	41055	4.063	ng/ul	94
89) Di-n-octyl phthalate	23.227	149	34242	4.146	ng/ul	100
90) Benzo(b)fluoranthene	24.461	252	43846	4.312	ng/ul	98
91) Benzo(k)fluoranthene	24.532	252	43078	4.349	ng/ul	98
93) Benzo(a)pyrene	25.425	252	36338	4.065	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.649	276	49970m	4.115	ng/ul	
95) Dibenzo(a,h)anthracene	29.720	278	41653m	4.102	ng/ul	
96) Benzo(g,h,i)perylene	30.924	276	40944	4.221	ng/ul#	87

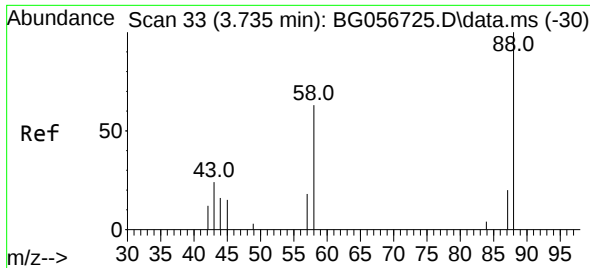
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Manual Integrations

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Supervised By :Jagrut Upadhyay 02/28/2023

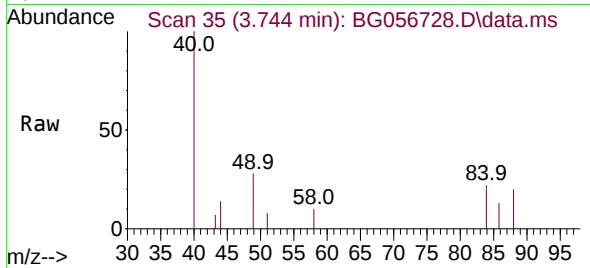
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#2
1,4-Dioxane
Concen: 1.335 ng/uL
RT: 3.744 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

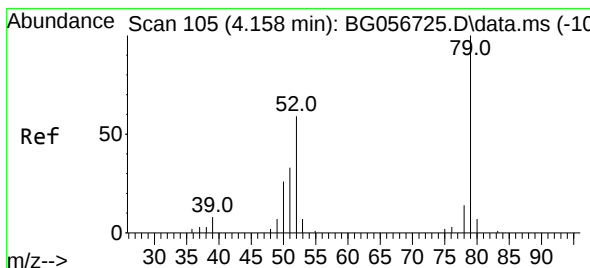
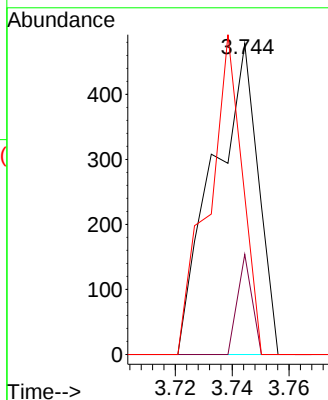
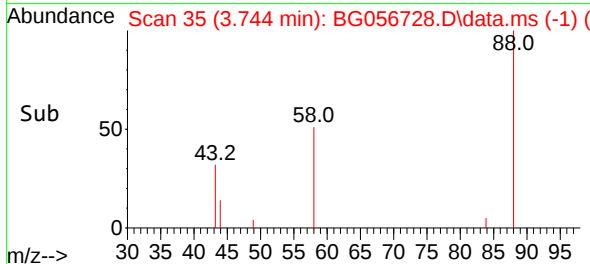
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion: 88 Resp: 523
Ion Ratio Lower Upper
88 100
43 32.2 28.3 42.5
58 51.0 50.6 75.8

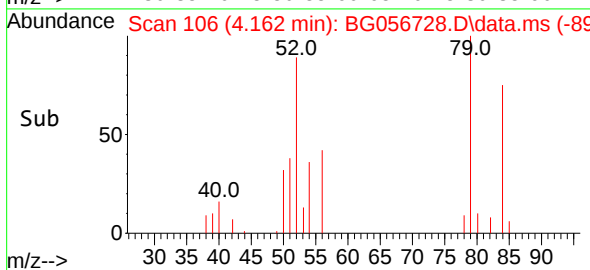
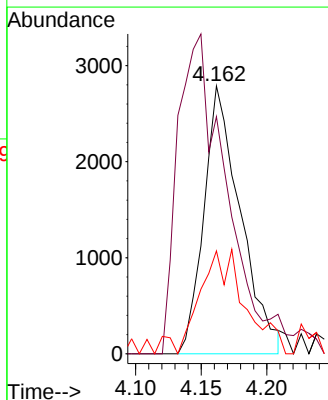
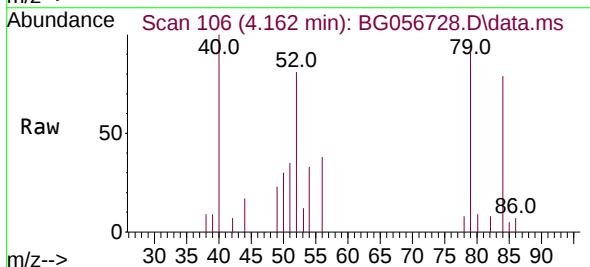
Manual Integrations
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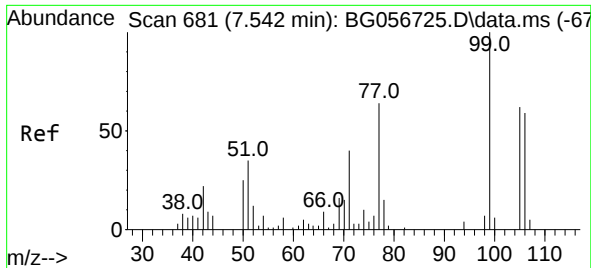
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#5
Pyridine
Concen: 3.973 ng/uL
RT: 4.162 min Scan# 106
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

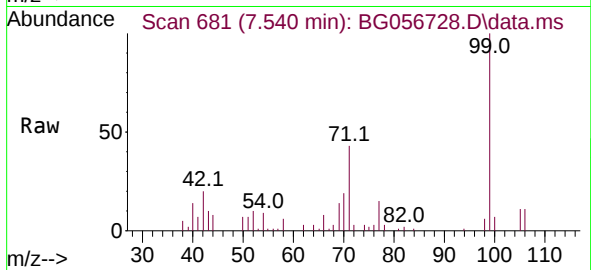
Tgt Ion: 79 Resp: 5395
Ion Ratio Lower Upper
79 100
52 88.6 60.6 91.0
51 38.5 31.9 47.9





#6
Benzaldehyde
Concen: 4.453 ng/ul
RT: 7.540 min Scan# 681
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

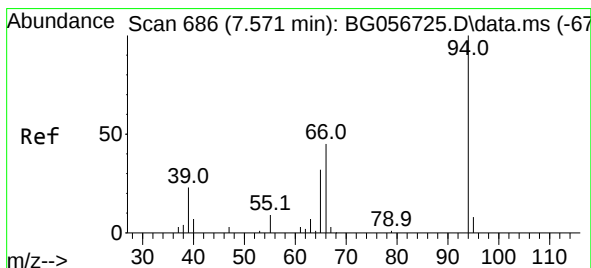
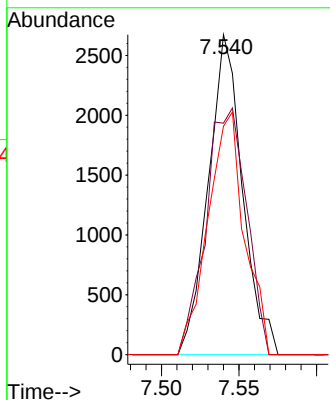
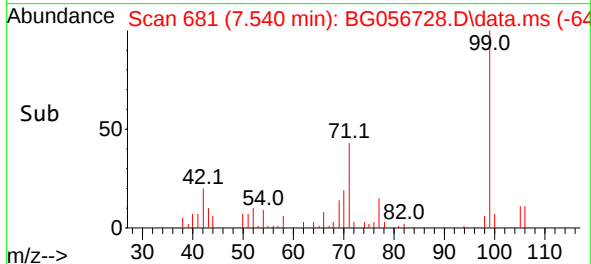
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion: 77 Resp: 4114
Ion Ratio Lower Upper
77 100
105 72.3 72.2 108.4
106 71.4 67.4 101.2

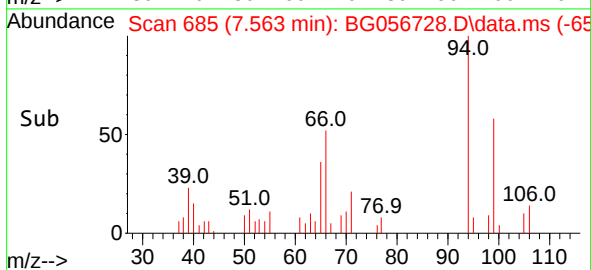
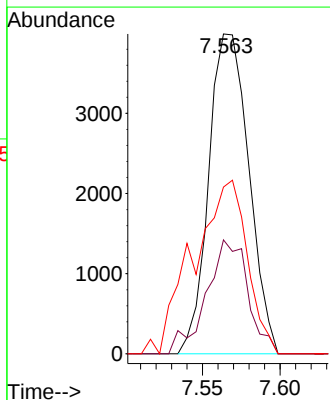
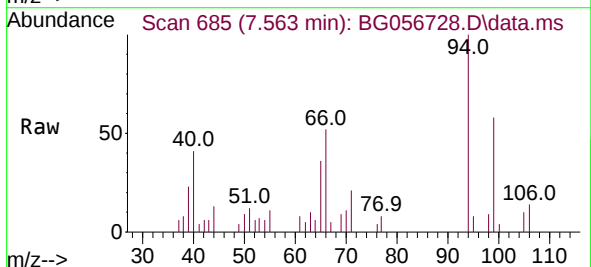
Manual Integrations
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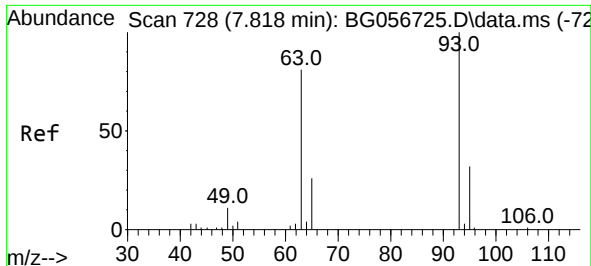
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#8
Phenol
Concen: 4.007 ng/ul
RT: 7.563 min Scan# 685
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Tgt Ion: 94 Resp: 7208
Ion Ratio Lower Upper
94 100
65 35.6 25.7 38.5
66 52.1 38.9 58.3





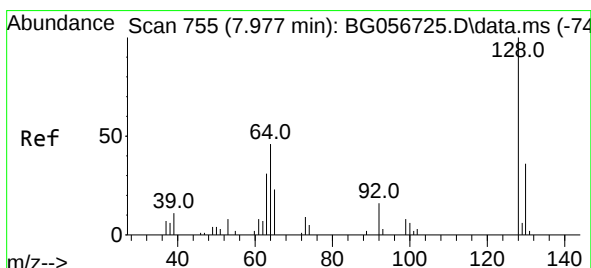
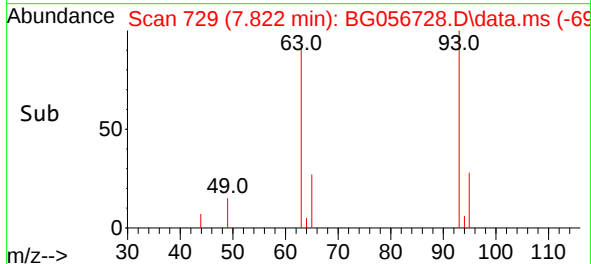
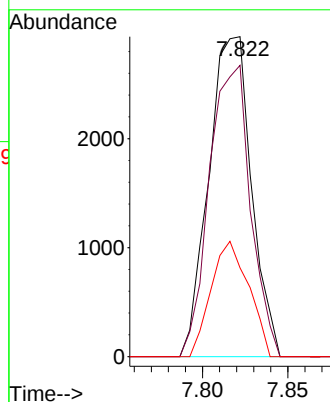
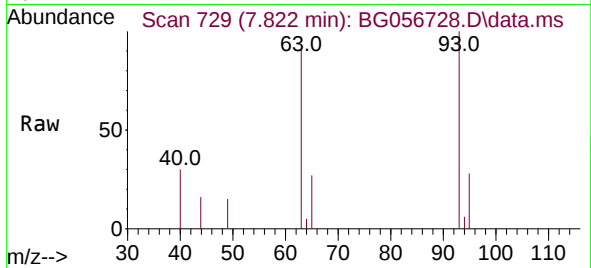
#10
Bis(2-Chloroethyl)ether
Concen: 3.989 ng/ul
RT: 7.822 min Scan# 728
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02

Tgt Ion: 93 Resp: 5098
Ion Ratio Lower Upper
93 100
63 91.0 66.6 100.0
95 27.7 25.0 37.4

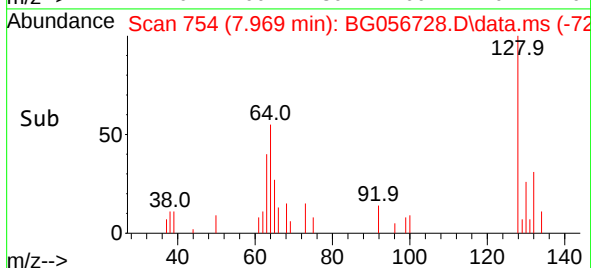
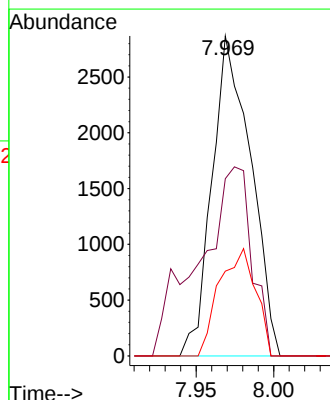
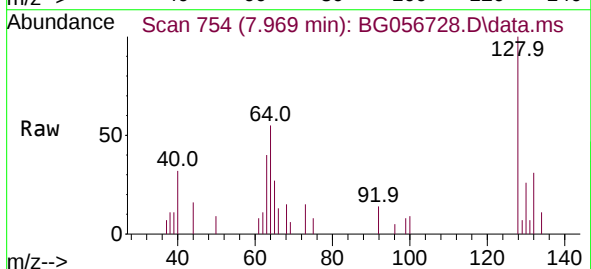
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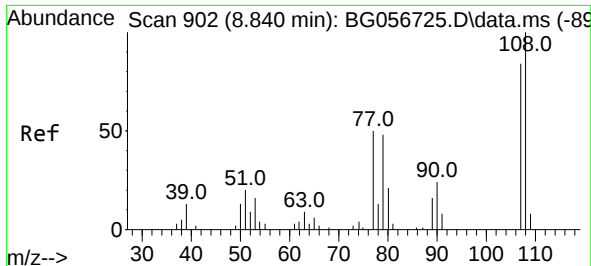
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#12
2-Chlorophenol
Concen: 4.312 ng/ul
RT: 7.969 min Scan# 754
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Tgt Ion:128 Resp: 5001
Ion Ratio Lower Upper
128 100
64 55.4 45.5 68.3
130 26.5 27.7 41.5#





#13

2-Methylphenol

Concen: 3.875 ng/ul

RT: 8.844 min Scan# 902

Delta R.T. -0.009 min

Lab File: BG056728.D

Acq: 27 Feb 2023 12:52

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:108 Resp: 5258

Ion Ratio Lower Upper

108 100

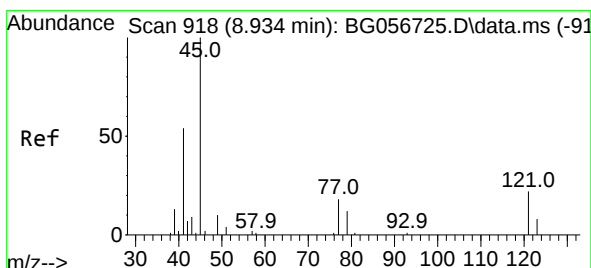
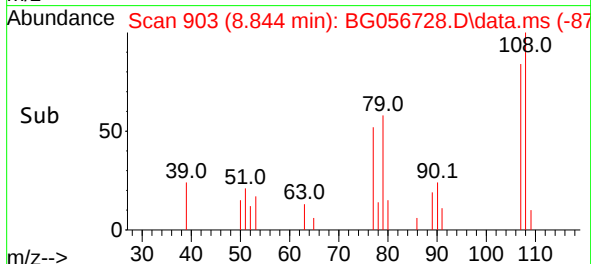
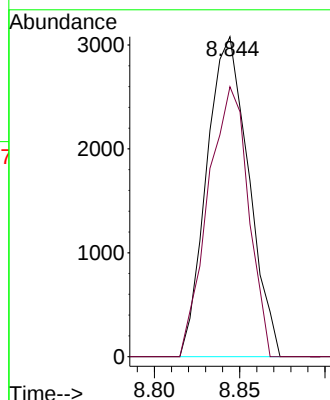
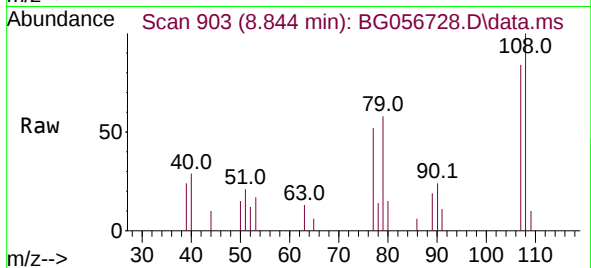
107 84.3 73.4 110.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/28/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.140 ng/ul

RT: 8.938 min Scan# 919

Delta R.T. -0.009 min

Lab File: BG056728.D

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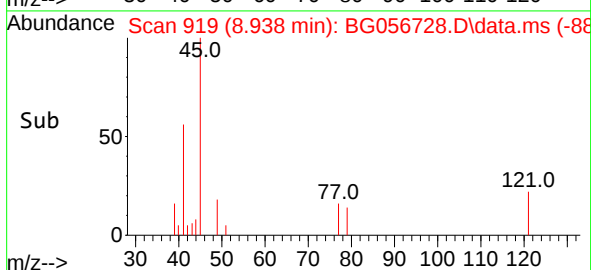
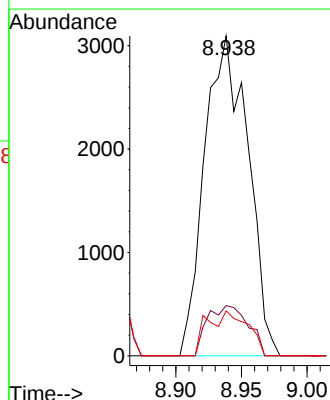
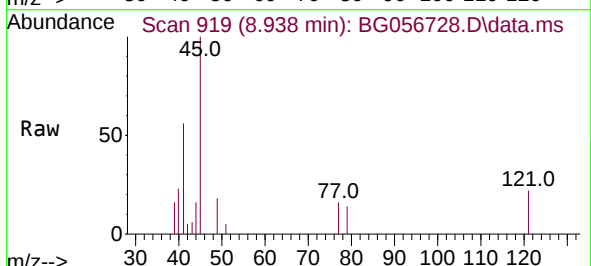
Tgt Ion: 45 Resp: 7110

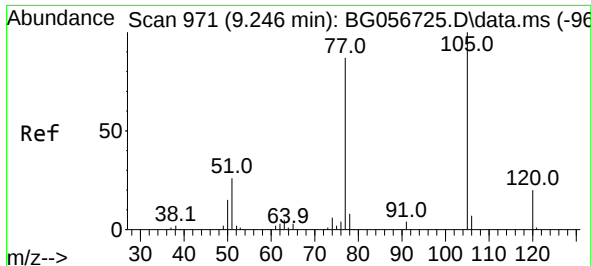
Ion Ratio Lower Upper

45 100

77 15.7 12.4 18.6

79 14.1 9.8 14.6





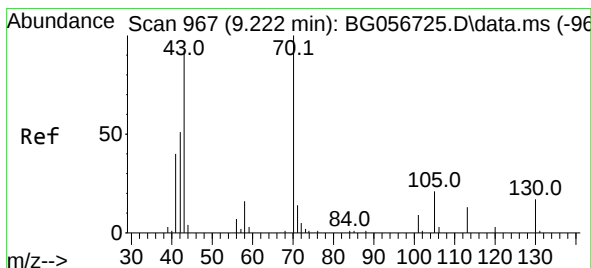
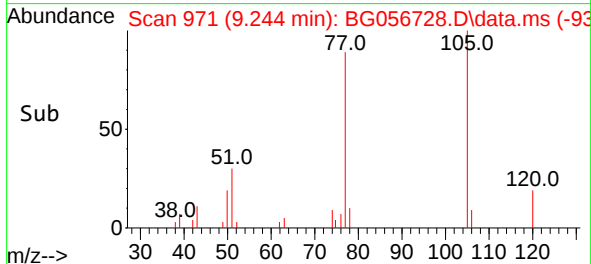
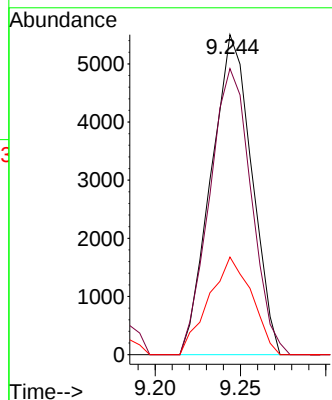
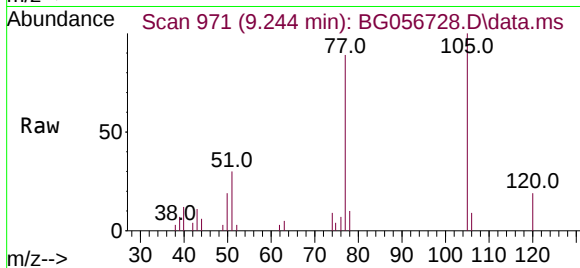
#16
Acetophenone
Concen: 3.955 ng/ul
RT: 9.244 min Scan# 912
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02

Tgt Ion:105 Resp: 912
Ion Ratio Lower Upper
105 100
77 89.4 71.4 107.0
51 30.5 23.6 35.4

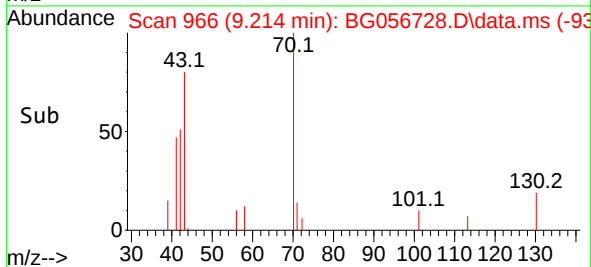
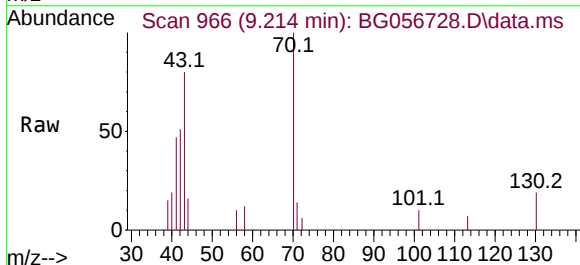
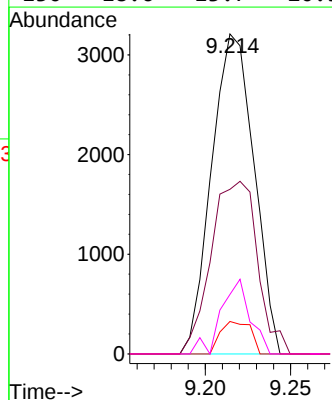
Manual Integrations
APPROVED

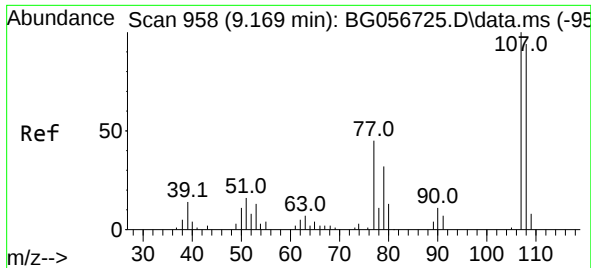
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.190 ng/ul
RT: 9.214 min Scan# 966
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Tgt Ion: 70 Resp: 5548
Ion Ratio Lower Upper
70 100
42 51.4 46.6 70.0
101 10.2 7.3 10.9
130 18.6 13.7 20.5





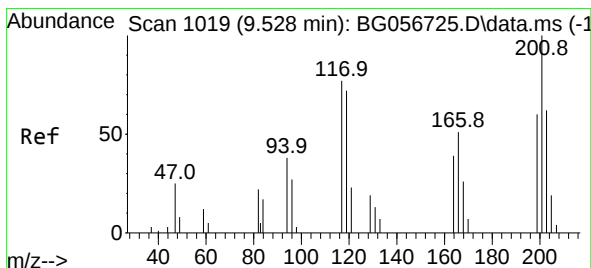
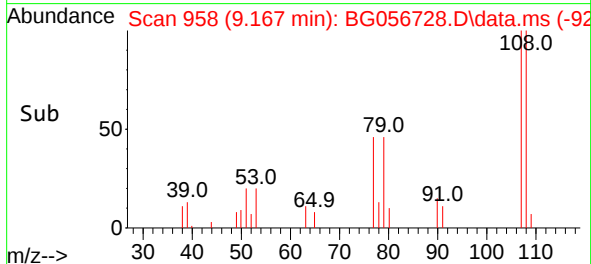
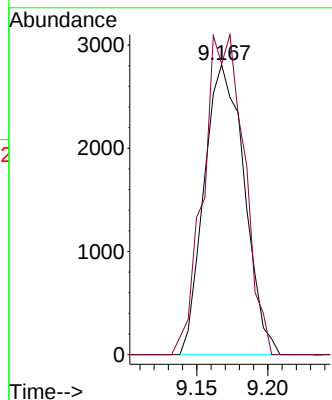
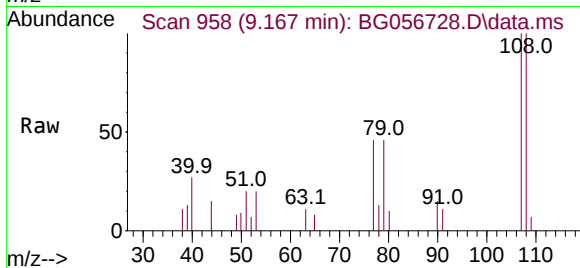
#18
4-Methylphenol
Concen: 3.746 ng/ul
RT: 9.167 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02

Tgt Ion:108 Resp: 5523
Ion Ratio Lower Upper
108 100
107 100.2 92.1 138.1

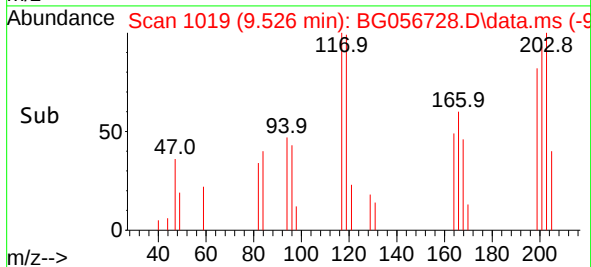
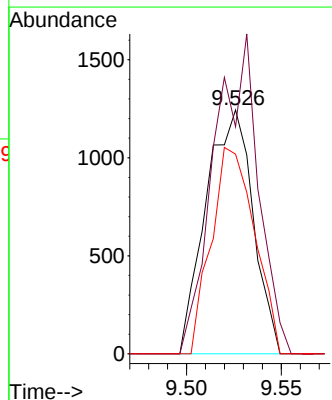
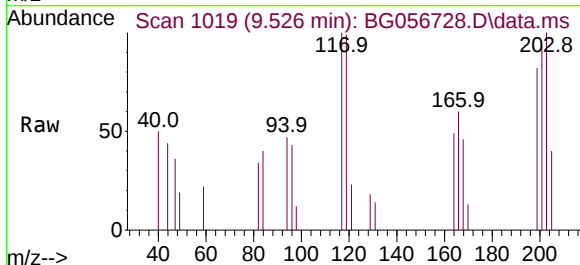
Manual Integrations
APPROVED

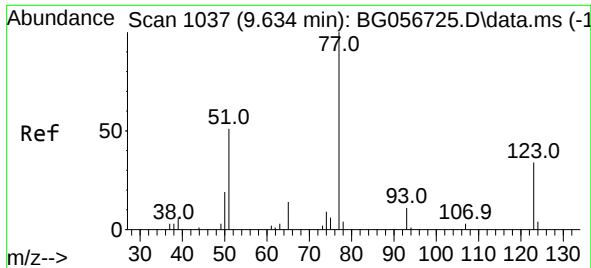
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#19
Hexachloroethane
Concen: 4.345 ng/ul
RT: 9.526 min Scan# 1019
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

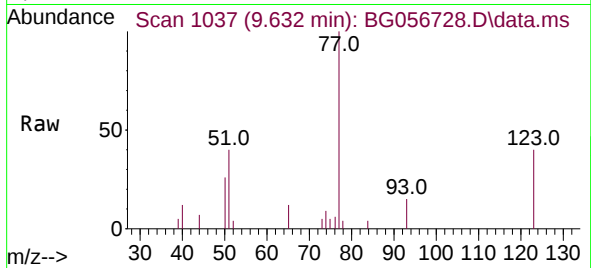
Tgt Ion:117 Resp: 2143
Ion Ratio Lower Upper
117 100
201 93.1 95.2 142.8#
199 81.9 57.9 86.9





#22
Nitrobenzene
Concen: 4.245 ng/ul
RT: 9.632 min Scan# 1037
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

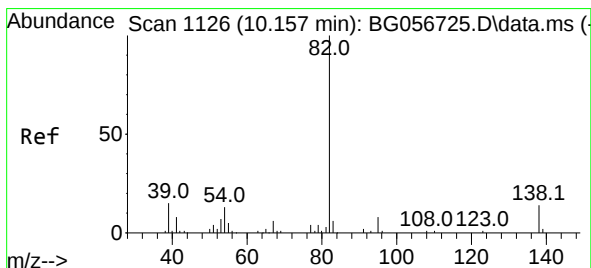
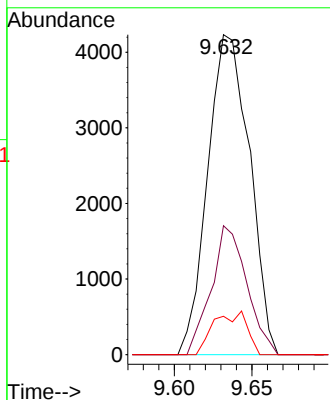
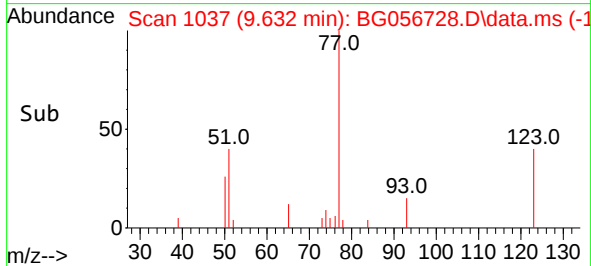
Instrument : BNA_G
Client Sample Id : MDL-SOIL-QT1-2023-02



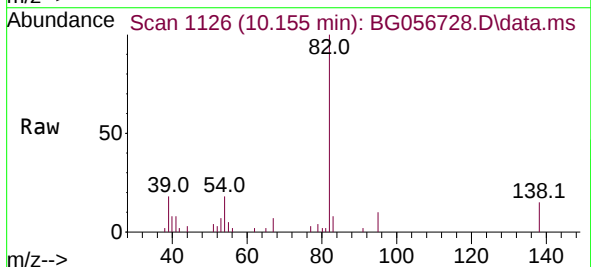
Tgt Ion: 77 Resp: 7958
Ion Ratio Lower Upper
77 100
123 40.3 27.8 41.6
65 12.0 10.6 16.0

Manual Integrations
APPROVED

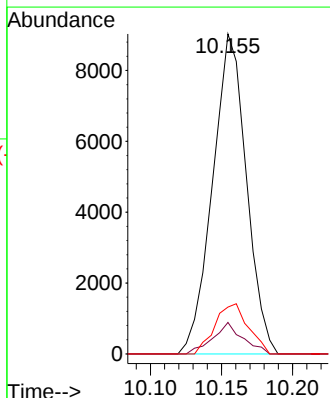
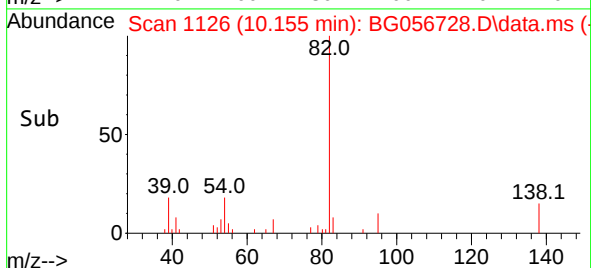
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

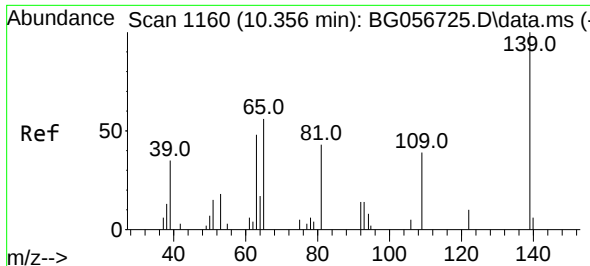


#23
Isophorone
Concen: 4.074 ng/ul
RT: 10.155 min Scan# 1126
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



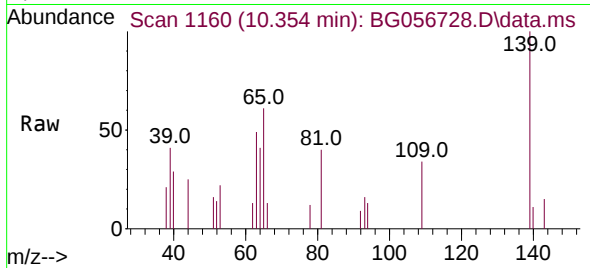
Tgt Ion: 82 Resp: 14925
Ion Ratio Lower Upper
82 100
95 9.8 7.7 11.5
138 14.6 12.1 18.1





#25
2-Nitrophenol
Concen: 3.967 ng/ul
RT: 10.354 min Scan# 1160
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

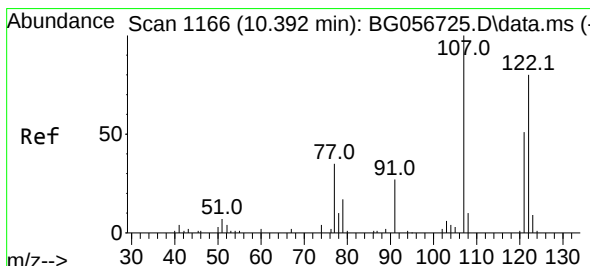
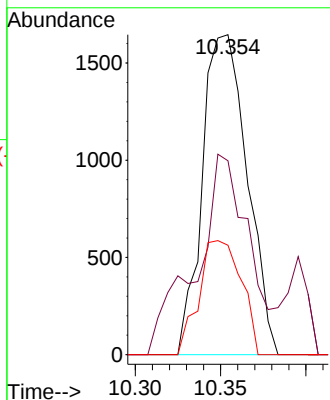
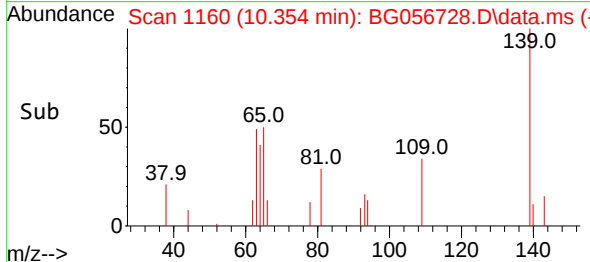
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



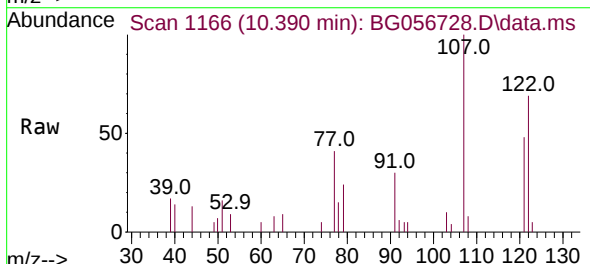
Tgt Ion:139 Resp: 3012
Ion Ratio Lower Upper
139 100
65 60.6 49.4 74.2
109 34.2 31.6 47.4

Manual Integrations
APPROVED

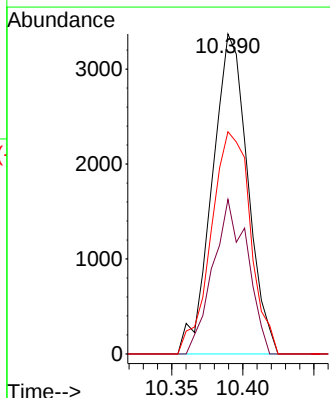
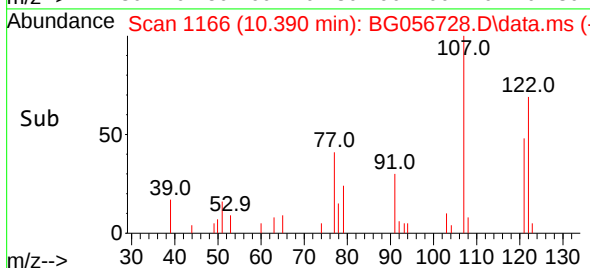
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

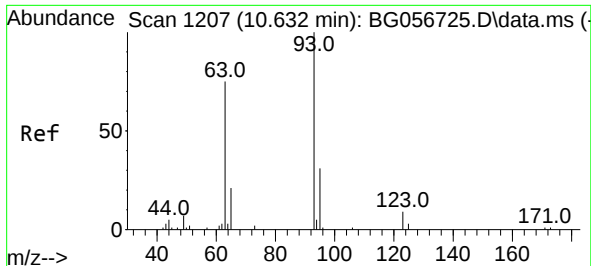


#26
2,4-Dimethylphenol
Concen: 3.452 ng/ul
RT: 10.390 min Scan# 1166
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



Tgt Ion:107 Resp: 5854
Ion Ratio Lower Upper
107 100
121 48.3 40.2 60.4
122 69.4 63.1 94.7





#27

Bis(2-Chloroethoxy)methane

Concen: 4.278 ng/ul

RT: 10.630 min Scan# 1207

Delta R.T. -0.009 min

Lab File: BG056728.D

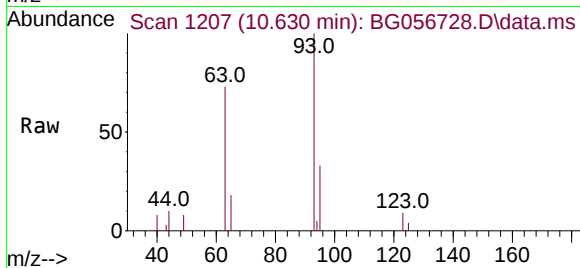
Acq: 27 Feb 2023 12:52

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-02



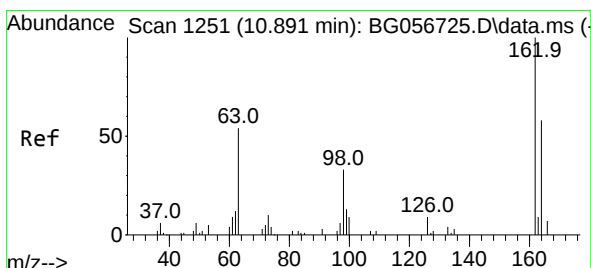
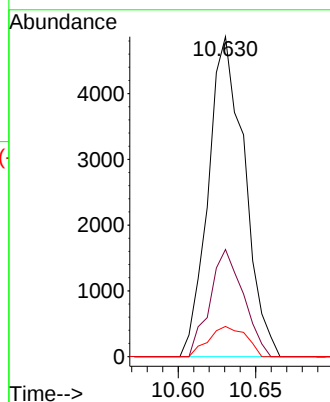
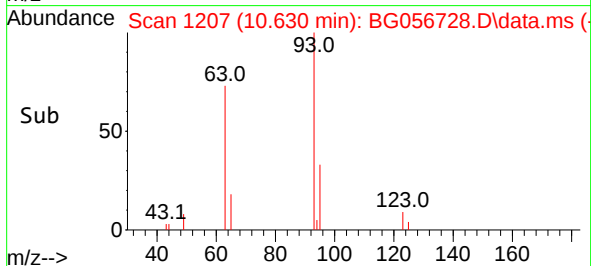
Tgt Ion:	93	Resp:	792
Ion Ratio	Lower	Upper	
93	100		
95	33.5	24.6	37.0
123	9.5	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#29

2,4-Dichlorophenol

Concen: 3.906 ng/ul

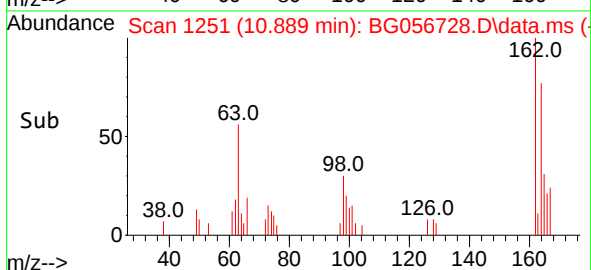
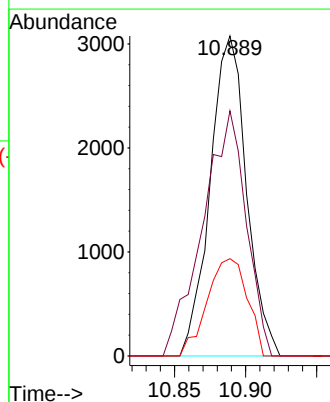
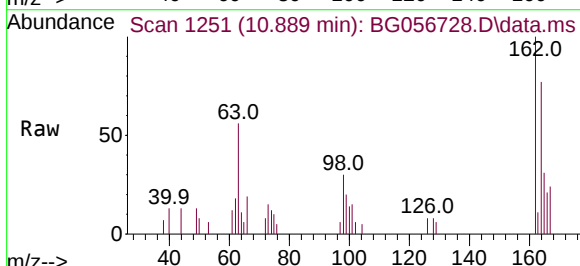
RT: 10.889 min Scan# 1251

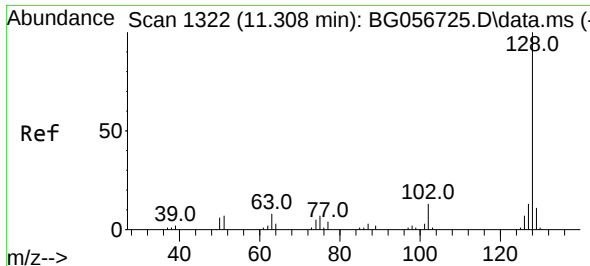
Delta R.T. -0.009 min

Lab File: BG056728.D

Acq: 27 Feb 2023 12:52

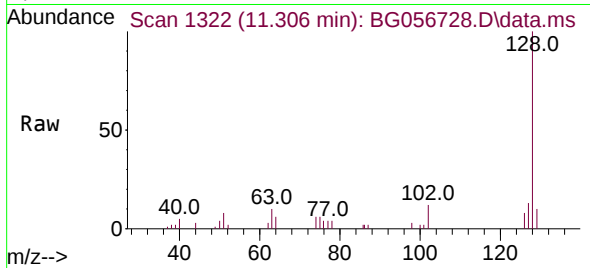
Tgt Ion:	162	Resp:	5481
Ion Ratio	Lower	Upper	
162	100		
164	76.6	53.3	79.9
98	30.4	25.5	38.3





#30
Naphthalene
Concen: 4.257 ng/ul
RT: 11.306 min Scan# 1322
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

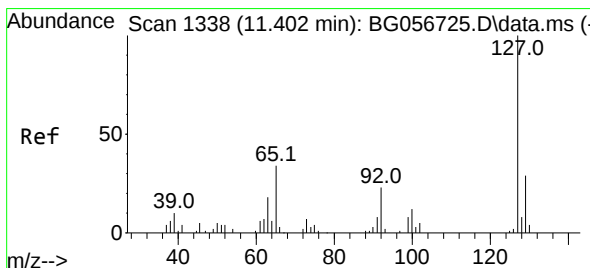
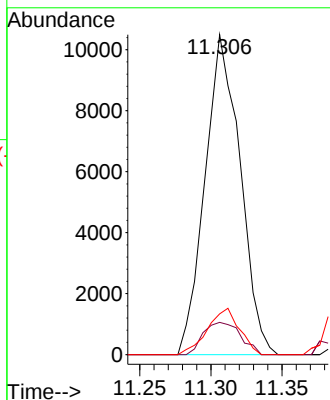
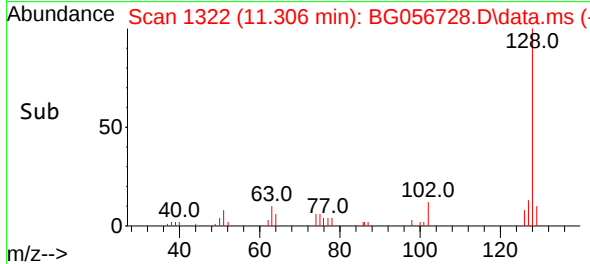
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:128 Resp: 18068
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.7 9.8 14.8

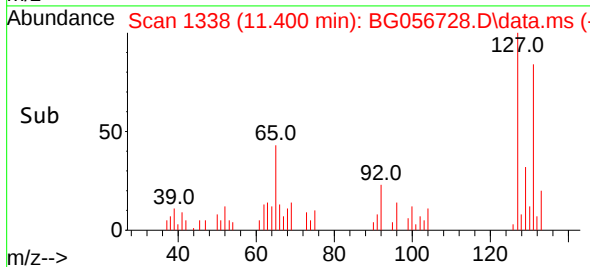
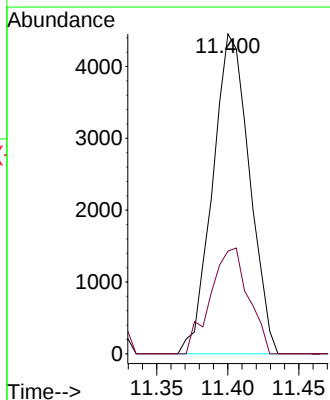
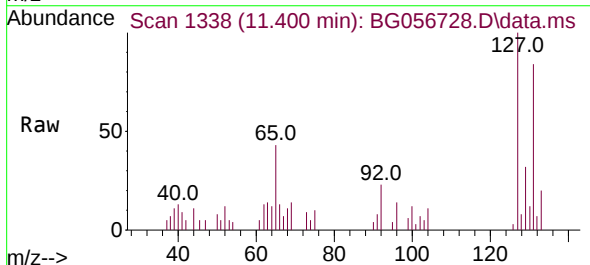
Manual Integrations
APPROVED

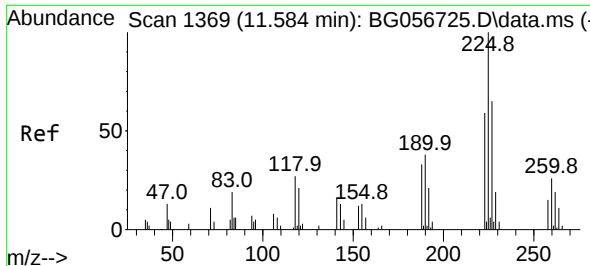
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#32
4-Chloroaniline
Concen: 4.295 ng/ul
RT: 11.400 min Scan# 1338
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

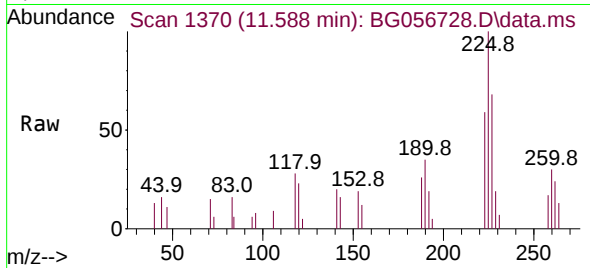
Tgt Ion:127 Resp: 8041
Ion Ratio Lower Upper
127 100
129 32.1 23.4 35.0





#33
Hexachlorobutadiene
Concen: 4.167 ng/ul
RT: 11.588 min Scan# 1369
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

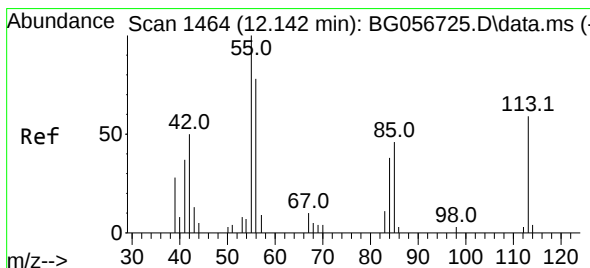
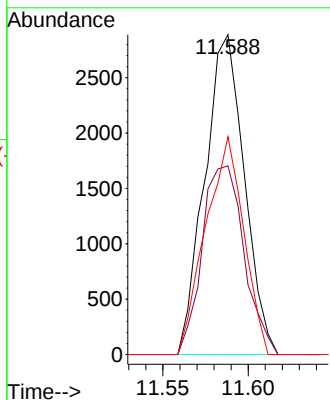
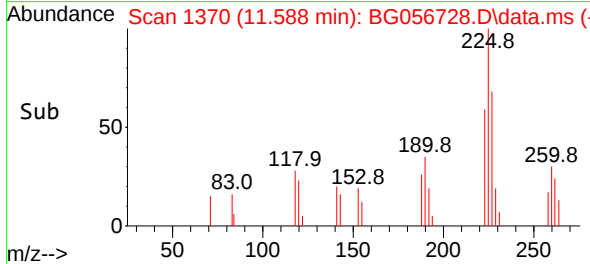
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:225 Resp: 4663
Ion Ratio Lower Upper
225 100
223 58.9 53.5 80.3
227 68.1 58.2 87.2

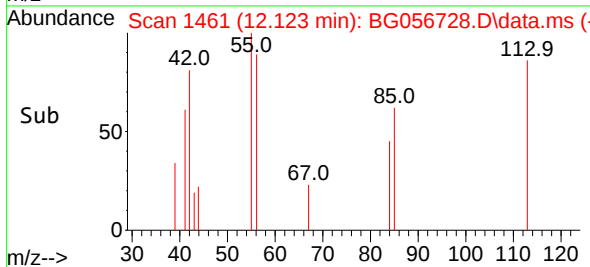
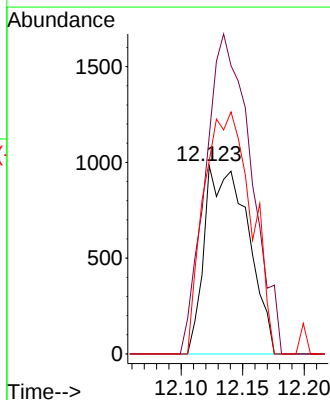
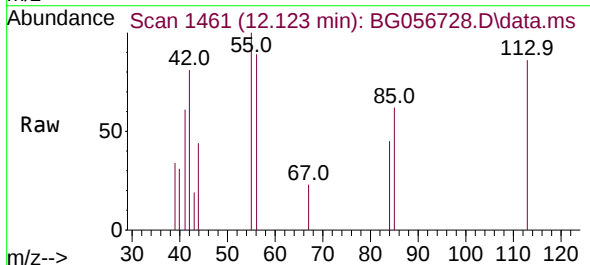
Manual Integrations
APPROVED

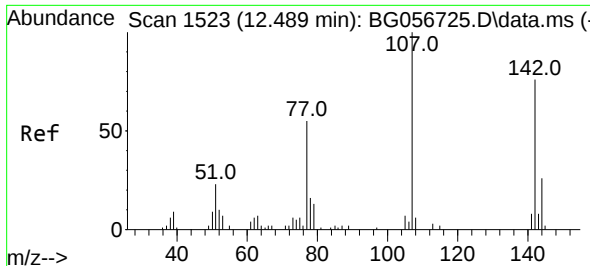
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#34
Caprolactam
Concen: 5.060 ng/ul m
RT: 12.123 min Scan# 1461
Delta R.T. -0.026 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

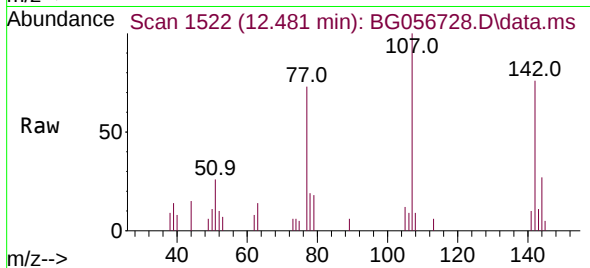
Tgt Ion:113 Resp: 2414
Ion Ratio Lower Upper
113 100
55 115.8 167.0 250.6#
56 102.6 113.5 170.3#





#35
4-Chloro-3-methylphenol
Concen: 3.713 ng/ul
RT: 12.481 min Scan# 1523
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

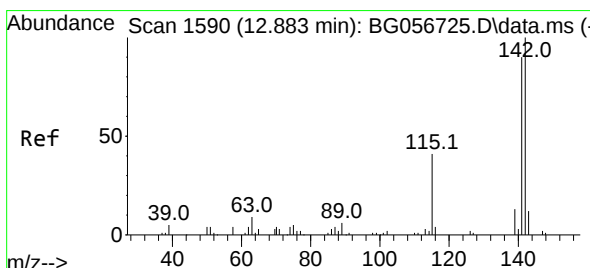
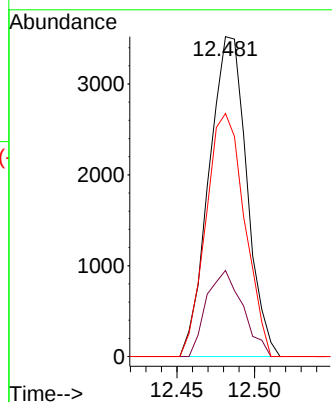
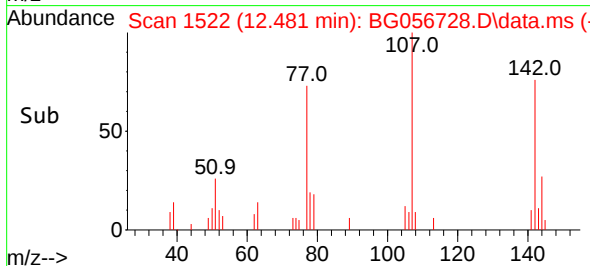
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:107 Resp: 5986
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 76.0 55.8 83.6

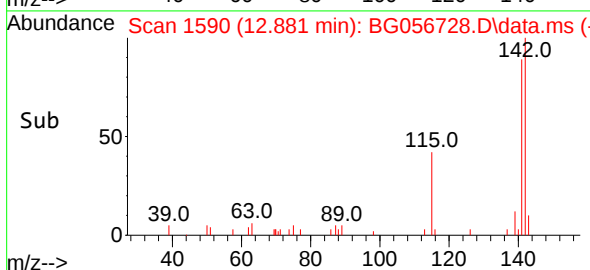
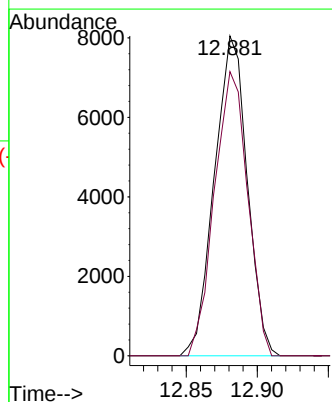
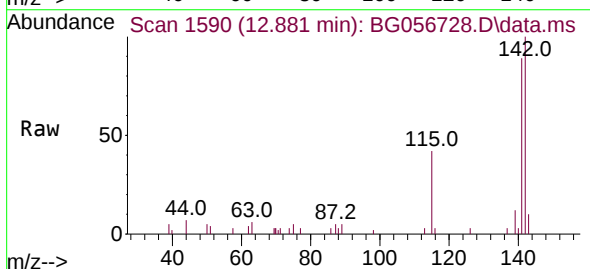
Manual Integrations
APPROVED

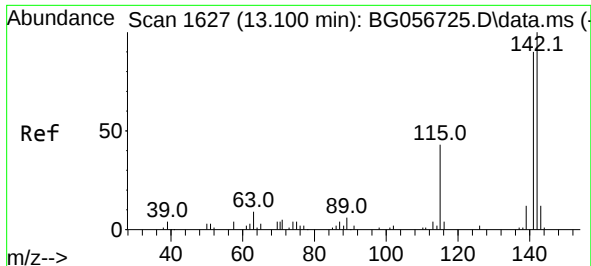
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#36
2-Methylnaphthalene
Concen: 4.257 ng/ul
RT: 12.881 min Scan# 1590
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Tgt Ion:142 Resp: 12939
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#37

1-Methylnaphthalene

Concen: 4.192 ng/ul

RT: 13.098 min Scan# 1627

Delta R.T. -0.003 min

Lab File: BG056728.D

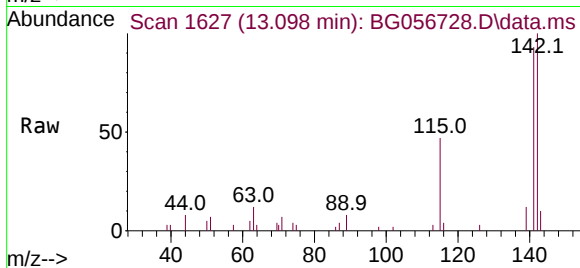
Acq: 27 Feb 2023 12:52

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-02



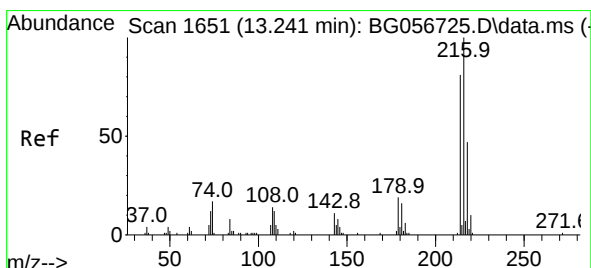
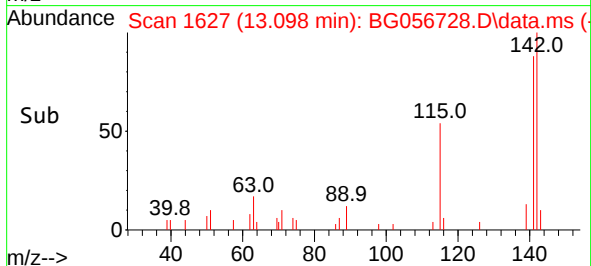
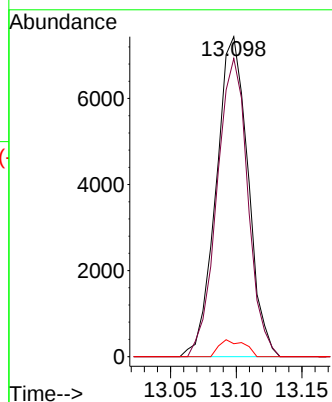
Tgt Ion:	142	Resp:	12564
Ion Ratio	Lower	Upper	
142	100		
141	93.2	73.5	110.3
116	4.0	4.0	6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.392 ng/ul

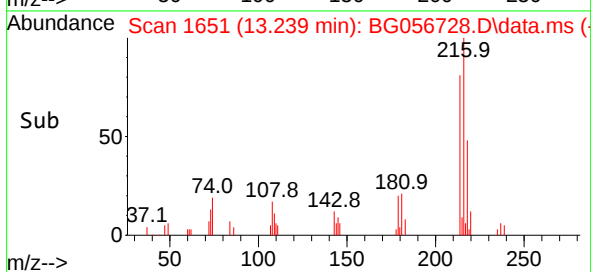
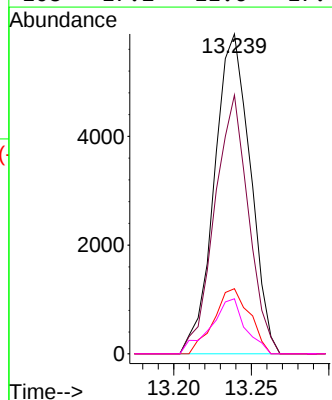
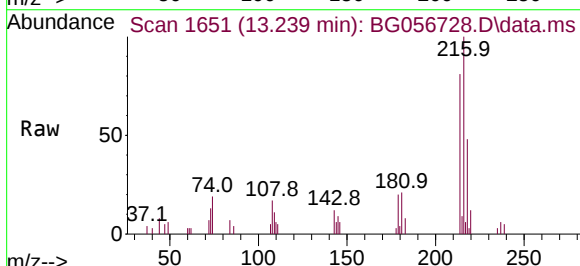
RT: 13.239 min Scan# 1651

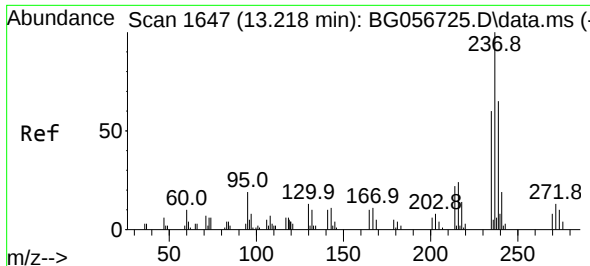
Delta R.T. -0.003 min

Lab File: BG056728.D

Acq: 27 Feb 2023 12:52

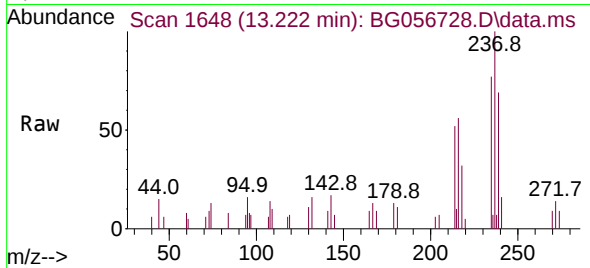
Tgt Ion:	216	Resp:	9504
Ion Ratio	Lower	Upper	
216	100		
214	80.9	64.4	96.6
179	20.4	16.9	25.3
108	17.2	11.6	17.4





#40
Hexachlorocyclopentadiene
Concen: 3.112 ng/ul
RT: 13.222 min Scan# 1648
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

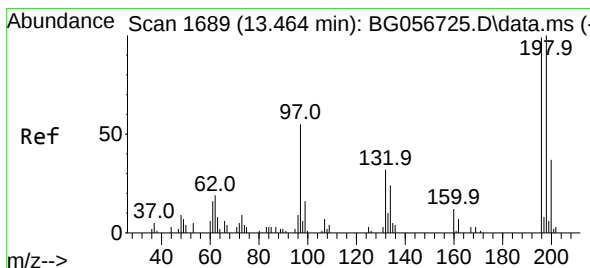
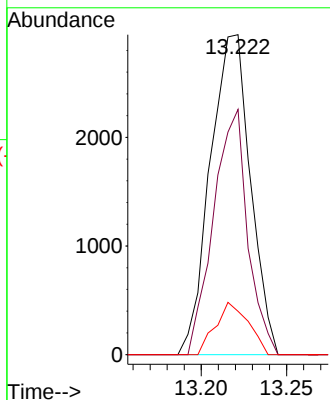
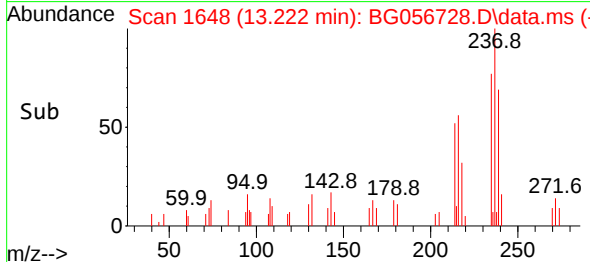
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:237 Resp: 4826
Ion Ratio Lower Upper
237 100
235 84.1 47.8 71.8
272 13.5 9.9 14.9

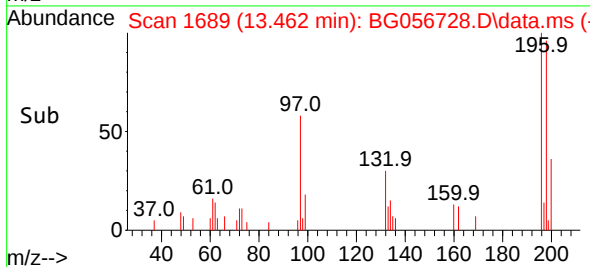
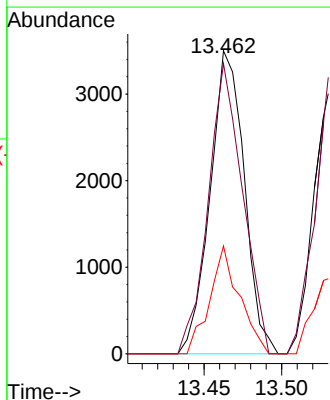
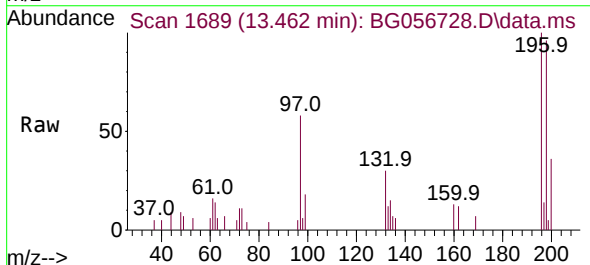
Manual Integrations
APPROVED

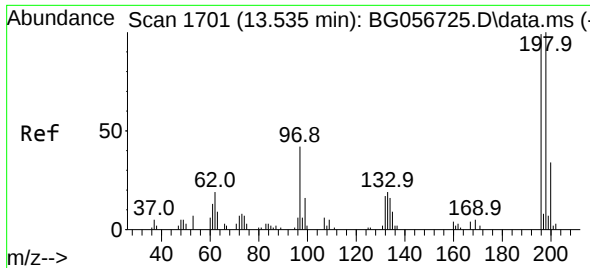
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#41
2,4,6-Trichlorophenol
Concen: 3.719 ng/ul
RT: 13.462 min Scan# 1689
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

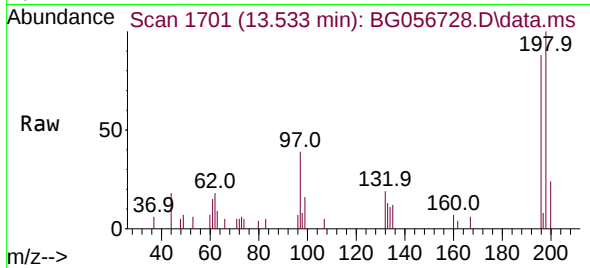
Tgt Ion:196 Resp: 5377
Ion Ratio Lower Upper
196 100
198 100.5 75.0 112.6
200 35.6 22.1 33.1#





#42
 2,4,5-Trichlorophenol
 Concen: 3.701 ng/ul
 RT: 13.533 min Scan# 1701
 Delta R.T. -0.009 min
 Lab File: BG056728.D
 Acq: 27 Feb 2023 12:52

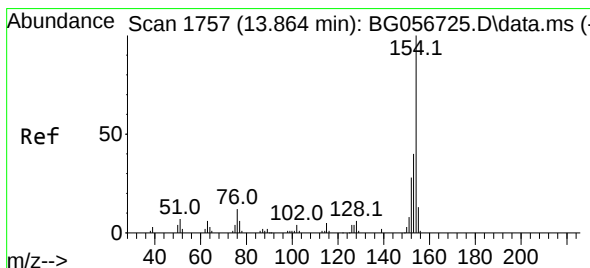
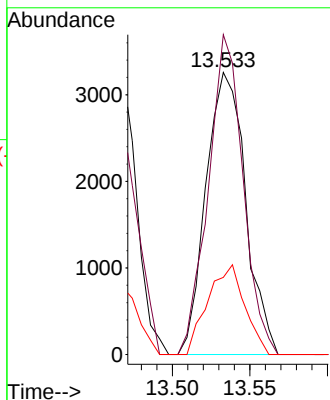
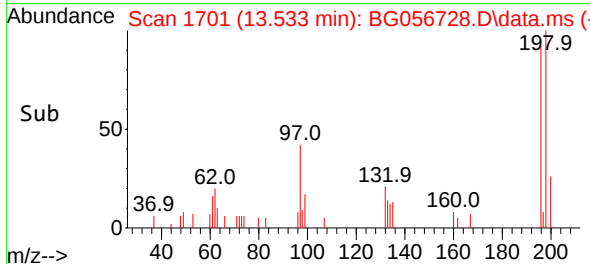
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT1-2023-02



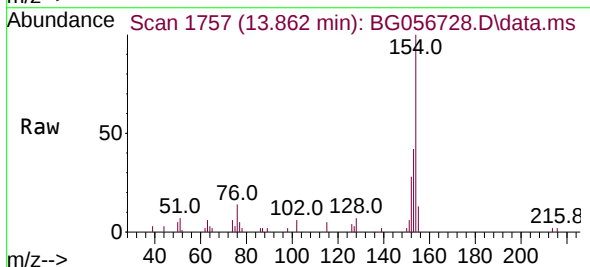
Tgt Ion:196 Resp: 5810
 Ion Ratio Lower Upper
 196 100
 198 113.4 80.1 120.1
 200 27.3 26.7 40.1

Manual Integrations
 APPROVED

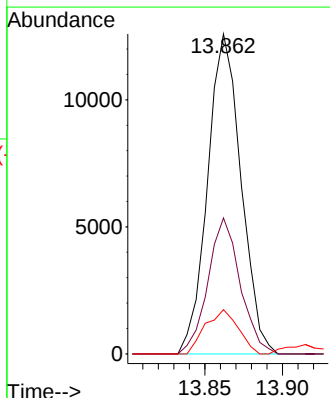
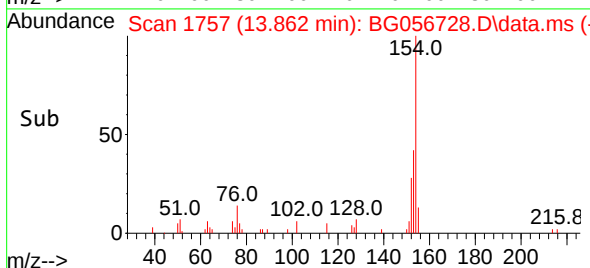
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

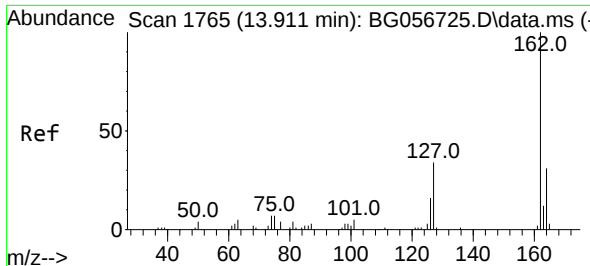


#43
 1,1'-Biphenyl
 Concen: 4.209 ng/ul
 RT: 13.862 min Scan# 1757
 Delta R.T. -0.009 min
 Lab File: BG056728.D
 Acq: 27 Feb 2023 12:52



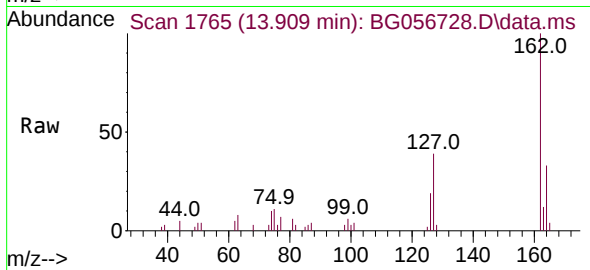
Tgt Ion:154 Resp: 18891
 Ion Ratio Lower Upper
 154 100
 153 42.5 32.0 48.0
 76 13.8 9.0 13.4





#44
2-Chloronaphthalene
Concen: 4.259 ng/ul
RT: 13.909 min Scan# 1765
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

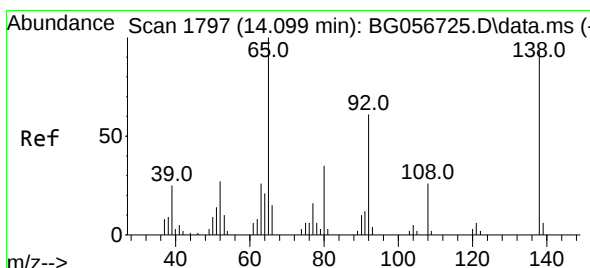
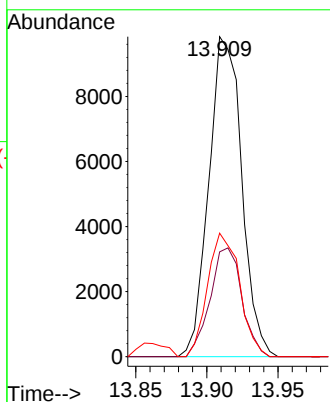
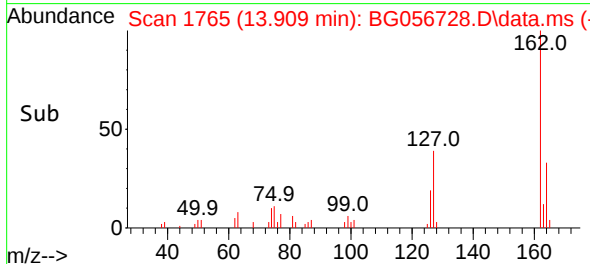
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:162 Resp: 15814
Ion Ratio Lower Upper
162 100
164 32.7 23.3 34.9
127 38.6 25.8 38.8

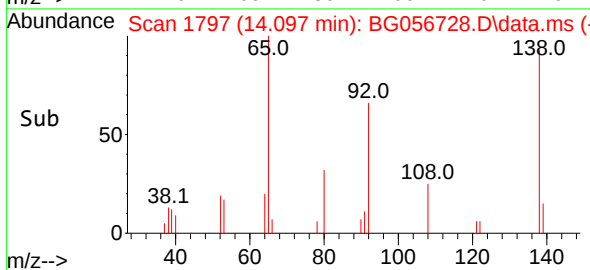
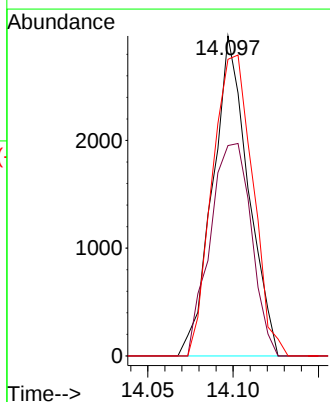
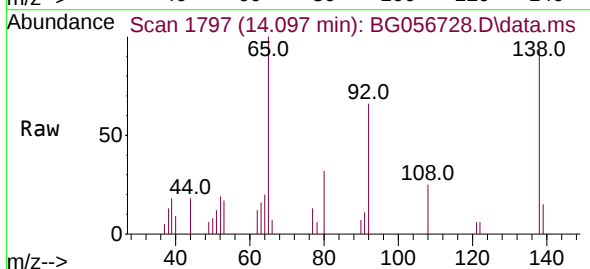
Manual Integrations
APPROVED

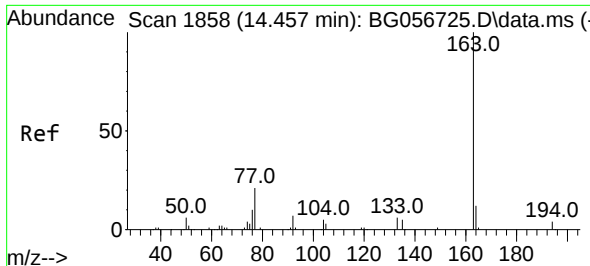
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#45
2-Nitroaniline
Concen: 3.334 ng/ul
RT: 14.097 min Scan# 1797
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

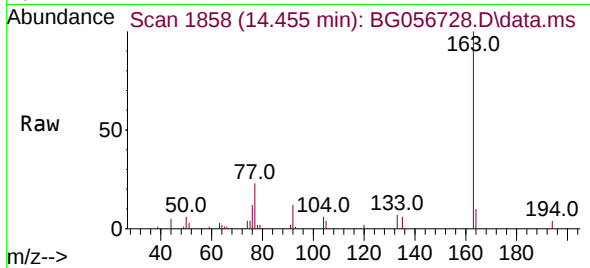
Tgt Ion: 65 Resp: 4297
Ion Ratio Lower Upper
65 100
92 65.7 53.9 80.9
138 92.7 73.8 110.6





#47
Dimethylphthalate
Concen: 4.230 ng/ul
RT: 14.455 min Scan# 1858
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

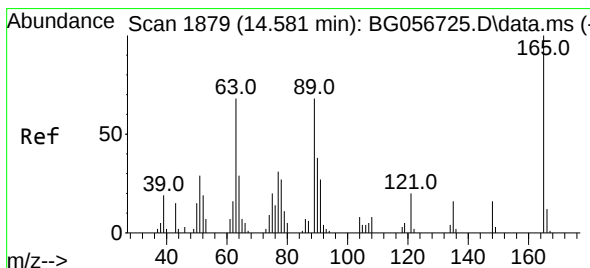
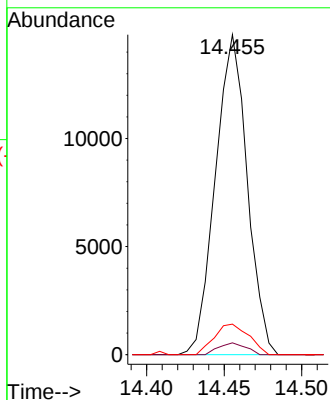
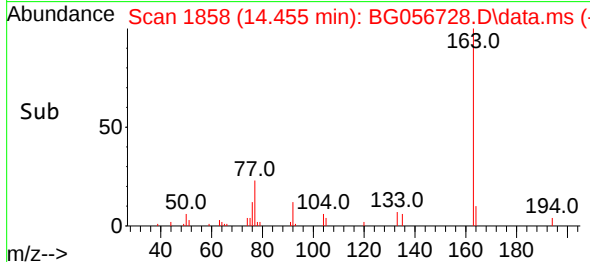
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



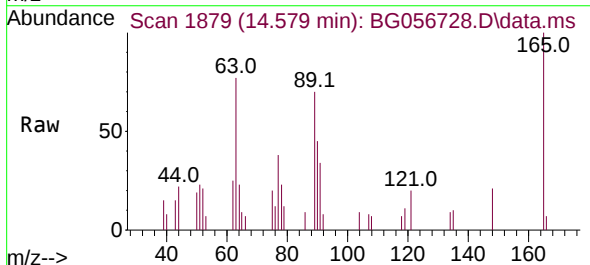
Tgt Ion:163 Resp: 21184
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.5 8.2 12.4

Manual Integrations
APPROVED

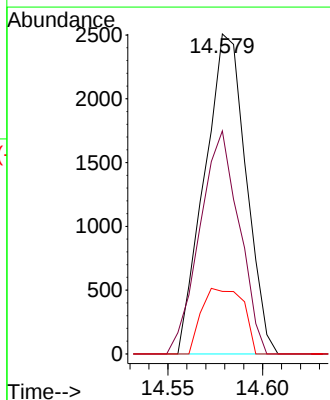
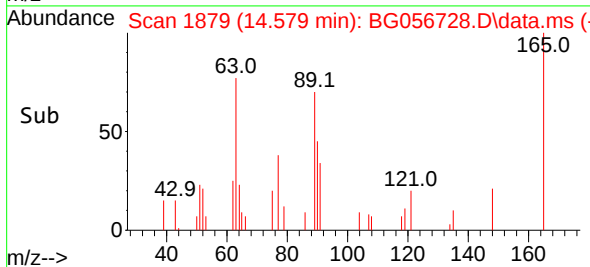
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

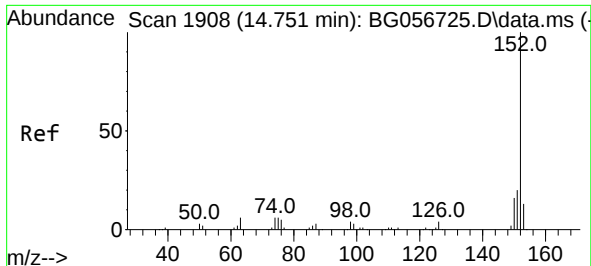


#48
2,6-Dinitrotoluene
Concen: 3.711 ng/ul
RT: 14.579 min Scan# 1879
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



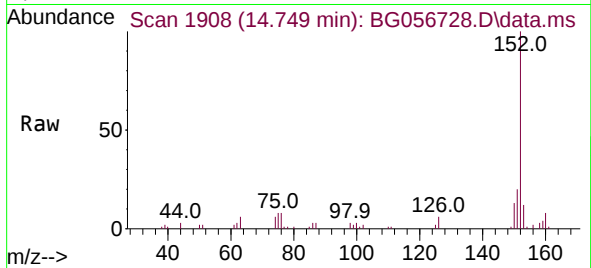
Tgt Ion:165 Resp: 3810
Ion Ratio Lower Upper
165 100
89 69.7 48.4 72.6
121 19.5 15.5 23.3





#50
Acenaphthylene
Concen: 4.189 ng/ul
RT: 14.749 min Scan# 1908
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

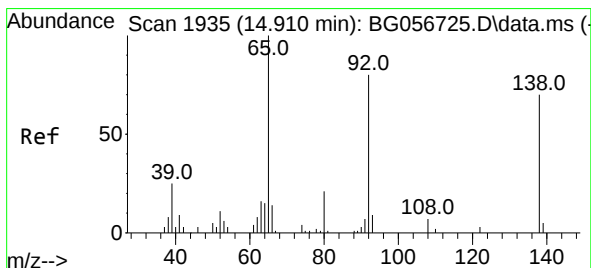
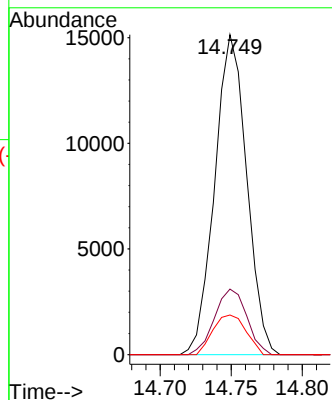
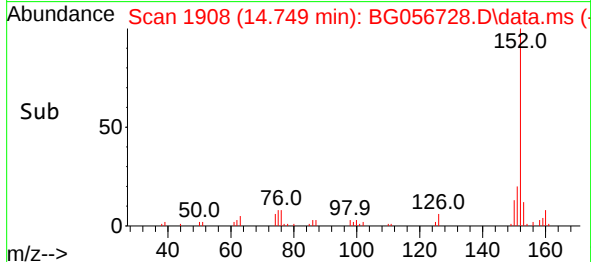
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:152 Resp: 23683
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 12.4 10.6 16.0

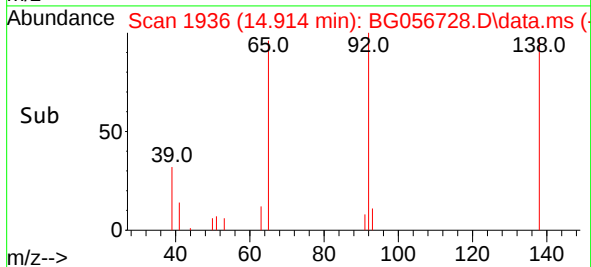
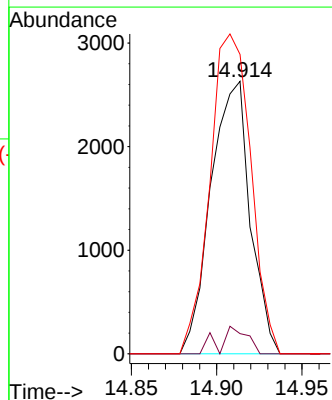
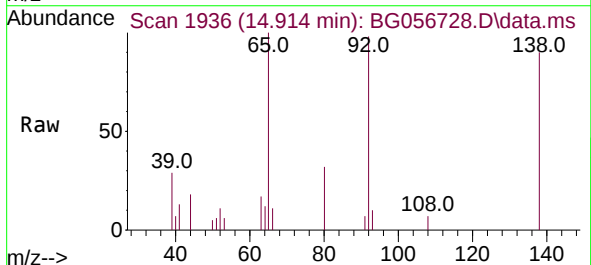
Manual Integrations
APPROVED

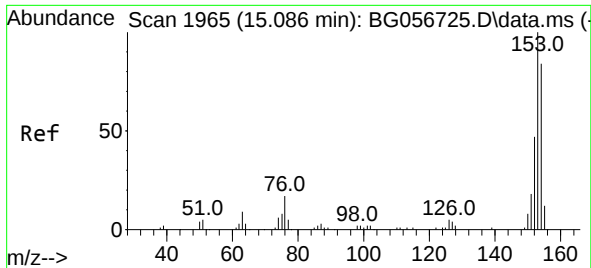
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#51
3-Nitroaniline
Concen: 4.586 ng/ul
RT: 14.914 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

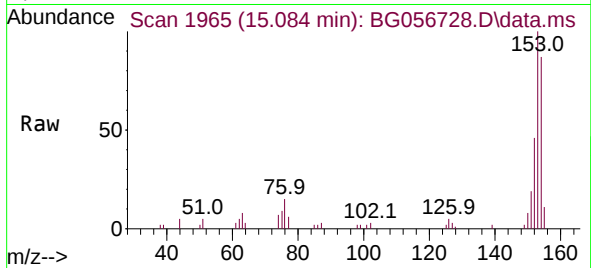
Tgt Ion:138 Resp: 4214
Ion Ratio Lower Upper
138 100
108 7.4 6.5 9.7
92 109.9 102.2 153.2





#52
Acenaphthene
Concen: 4.208 ng/ul
RT: 15.084 min Scan# 1965
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

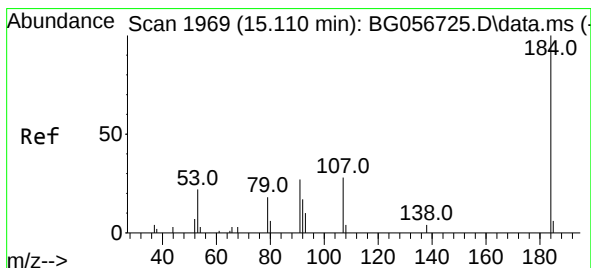
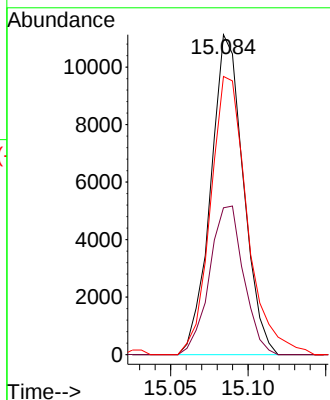
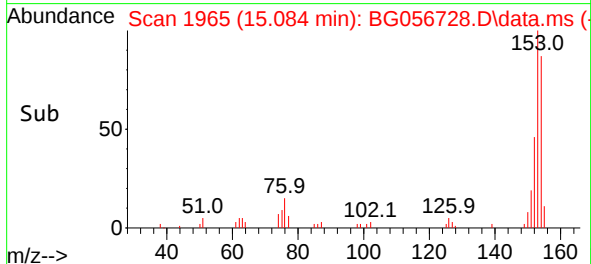
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



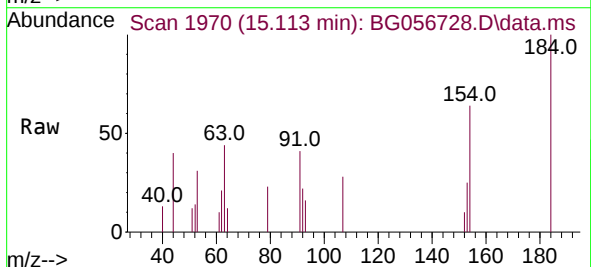
Tgt Ion:153 Resp: 16344
Ion Ratio Lower Upper
153 100
152 45.9 38.6 58.0
154 86.9 70.9 106.3

Manual Integrations
APPROVED

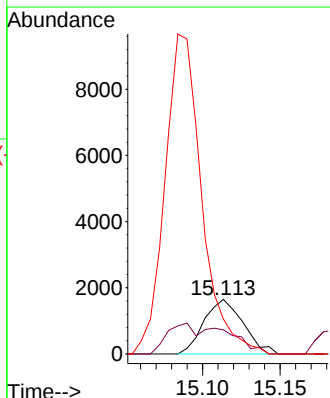
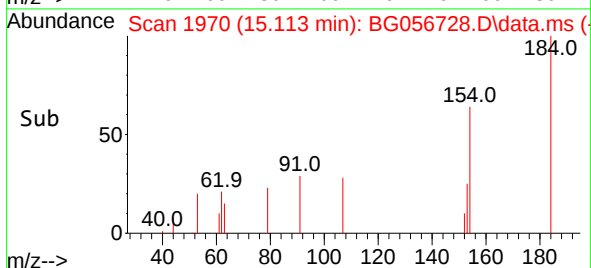
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

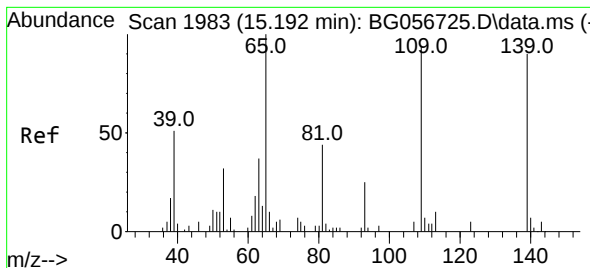


#53
2,4-Dinitrophenol
Concen: 4.411 ng/ul
RT: 15.113 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



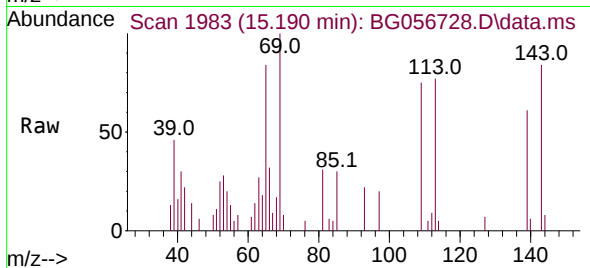
Tgt Ion:184 Resp: 2901
Ion Ratio Lower Upper
184 100
63 44.2 43.8 65.6
154 64.1 66.8 100.2#





#55
4-Nitrophenol
Concen: 3.506 ng/ul
RT: 15.190 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

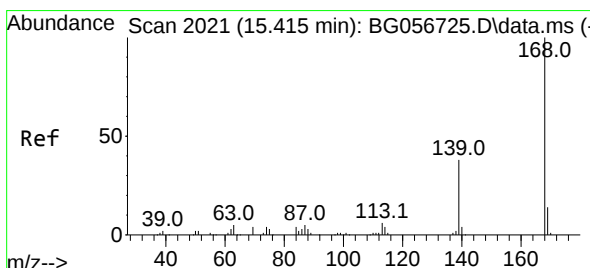
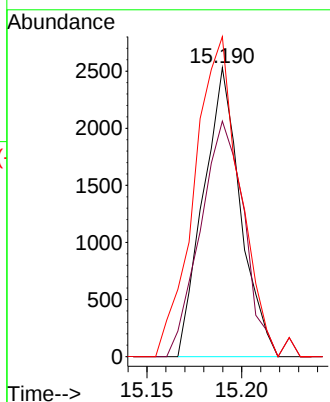
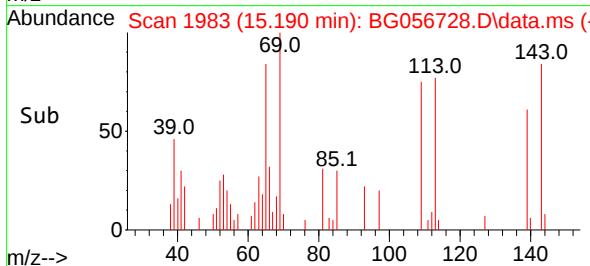
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



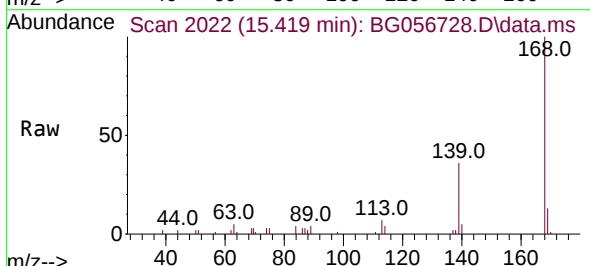
Tgt Ion:109 Resp: 3446
Ion Ratio Lower Upper
109 100
139 81.5 71.2 106.8
65 110.8 85.1 127.7

Manual Integrations
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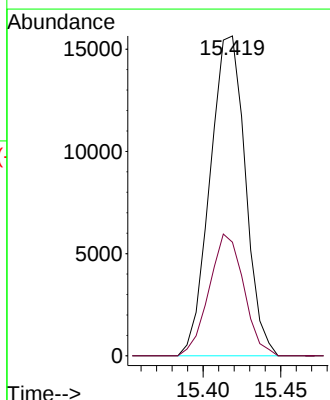
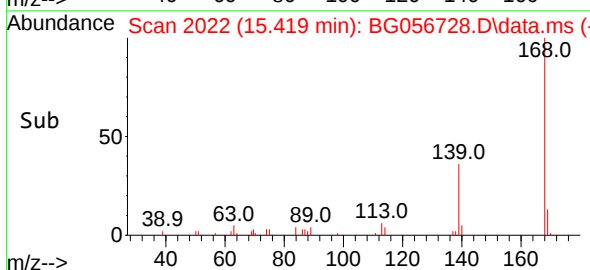
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

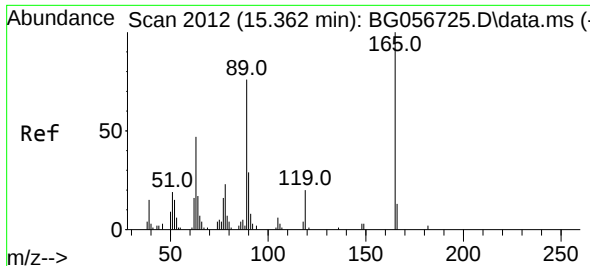


#56
Dibenzofuran
Concen: 4.212 ng/ul
RT: 15.419 min Scan# 2022
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



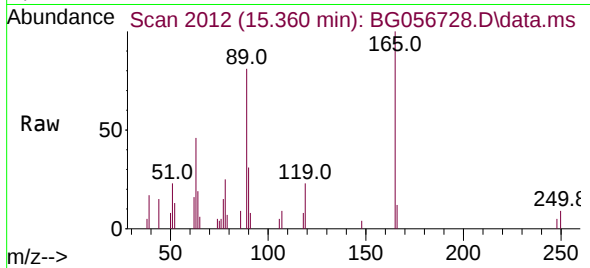
Tgt Ion:168 Resp: 24834
Ion Ratio Lower Upper
168 100
139 35.5 28.2 42.2





#57
2,4-Dinitrotoluene
Concen: 3.692 ng/ul
RT: 15.360 min Scan# 2012
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

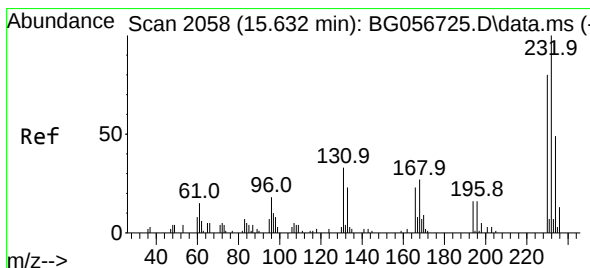
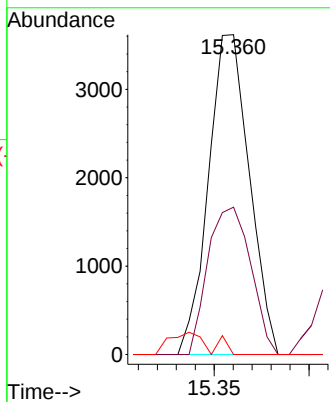
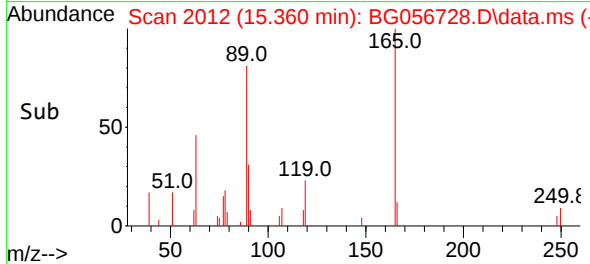
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:165 Resp: 5434
Ion Ratio Lower Upper
165 100
63 46.1 38.6 58.0
182 0.0 1.8 2.8

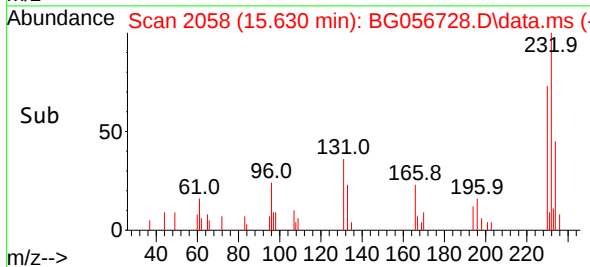
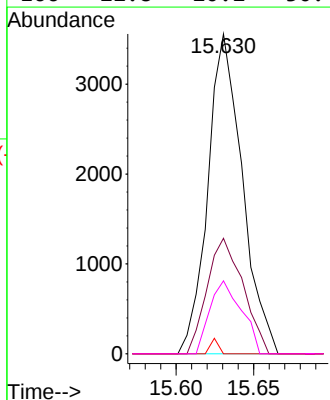
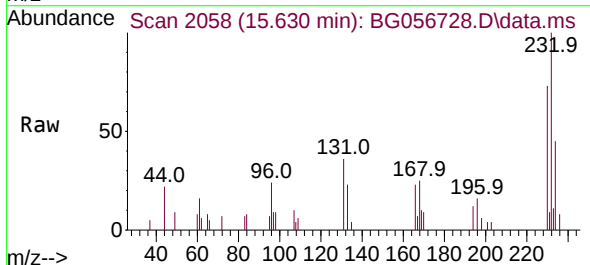
Manual Integrations
APPROVED

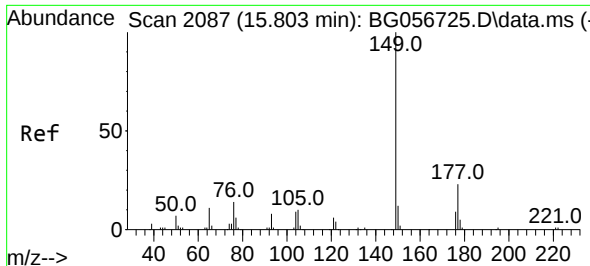
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.764 ng/ul
RT: 15.630 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

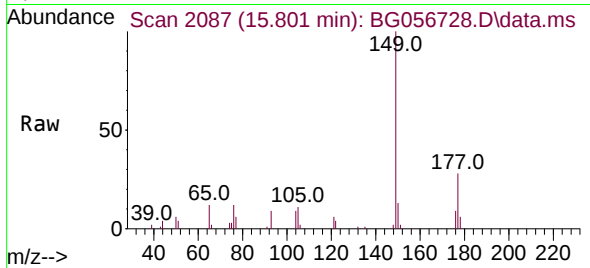
Tgt Ion:232 Resp: 5500
Ion Ratio Lower Upper
232 100
131 36.1 27.8 41.8
130 0.0 1.8 2.6
166 22.8 20.2 30.4





#59
Diethylphthalate
Concen: 3.944 ng/ul
RT: 15.801 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

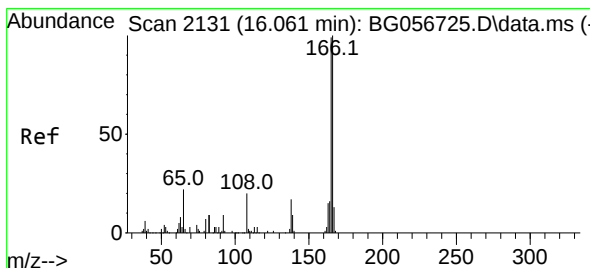
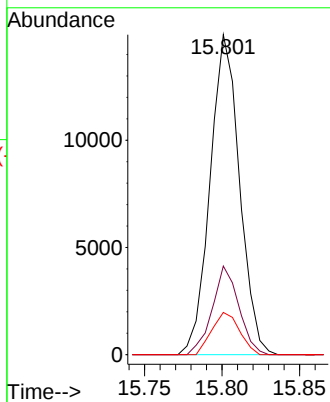
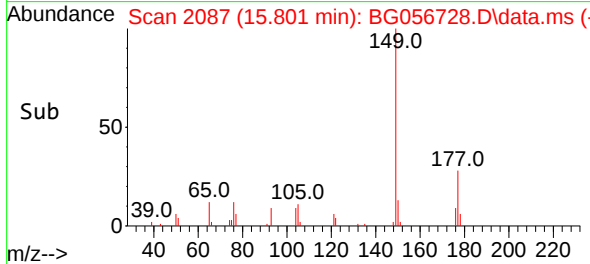
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:149 Resp: 19772
Ion Ratio Lower Upper
149 100
177 27.7 18.6 28.0
150 13.2 10.7 16.1

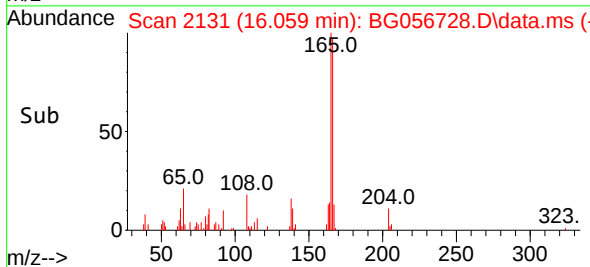
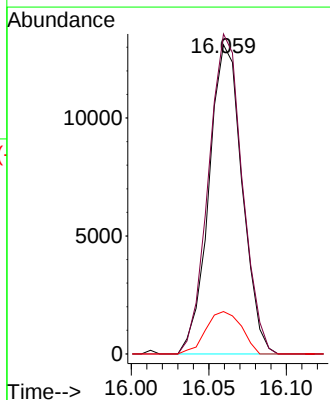
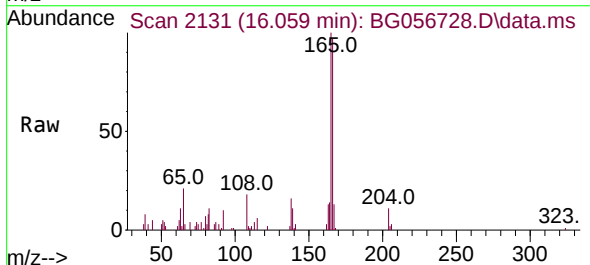
Manual Integrations
APPROVED

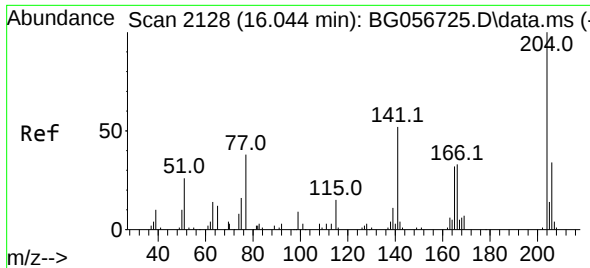
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#61
Fluorene
Concen: 4.159 ng/ul
RT: 16.059 min Scan# 2131
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Tgt Ion:166 Resp: 19635
Ion Ratio Lower Upper
166 100
165 103.5 78.4 117.6
167 13.7 10.5 15.7





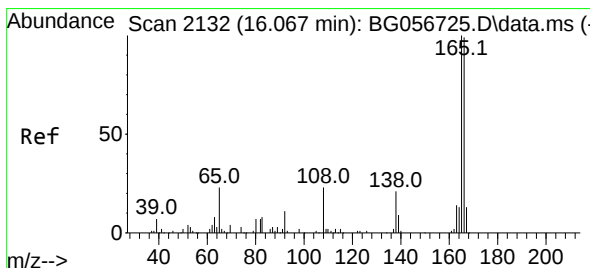
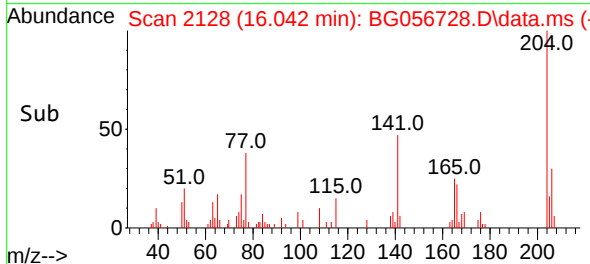
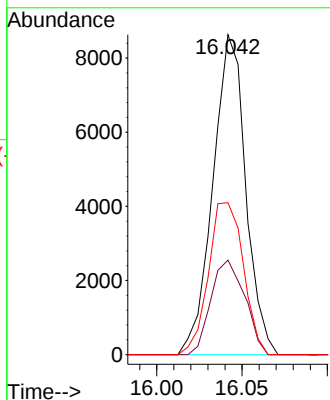
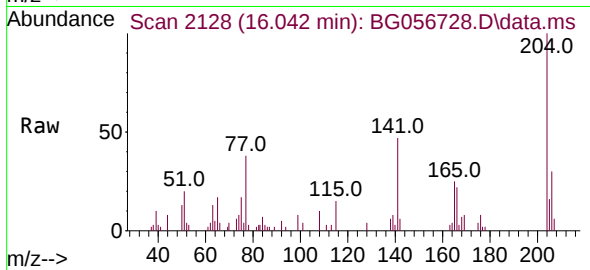
#62
4-Chlorophenyl-phenylether
Concen: 4.129 ng/ul
RT: 16.042 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02

Tgt Ion:204 Resp: 11548
Ion Ratio Lower Upper
204 100
206 29.5 26.1 39.1
141 47.5 39.7 59.5

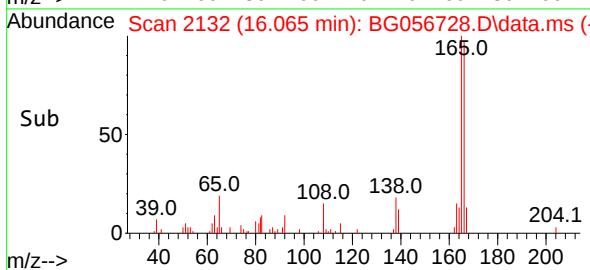
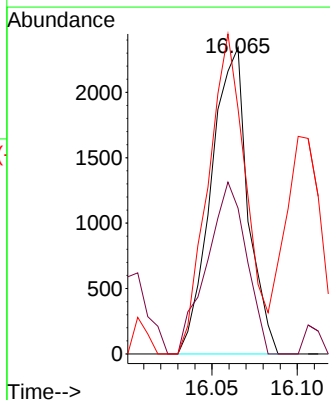
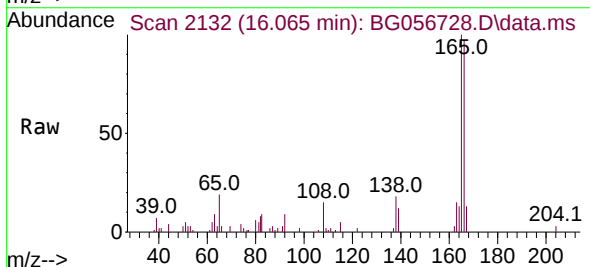
Manual Integrations
APPROVED

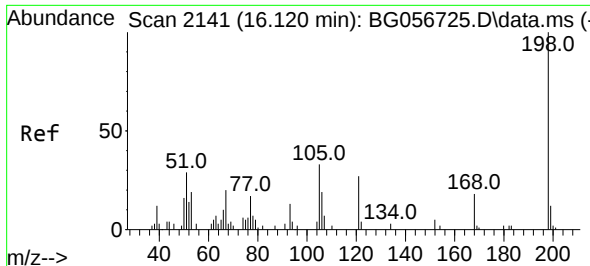
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#63
4-Nitroaniline
Concen: 3.919 ng/ul
RT: 16.065 min Scan# 2132
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

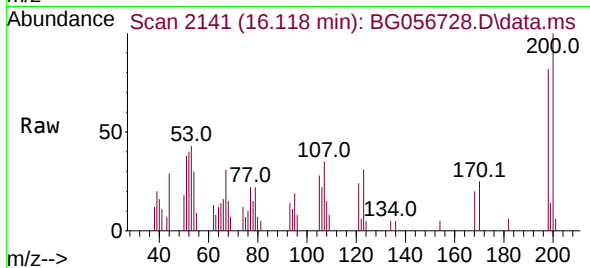
Tgt Ion:138 Resp: 3518
Ion Ratio Lower Upper
138 100
92 47.6 48.6 73.0#
108 80.1 93.0 139.6#





#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.789 ng/ul
 RT: 16.118 min Scan# 2141
 Delta R.T. -0.009 min
 Lab File: BG056728.D
 Acq: 27 Feb 2023 12:52

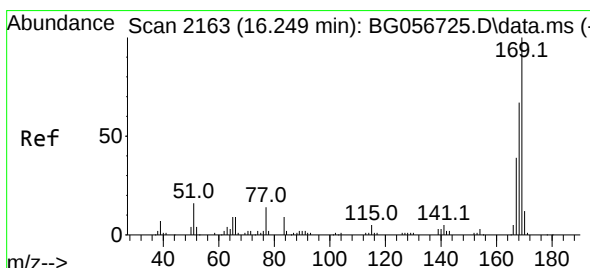
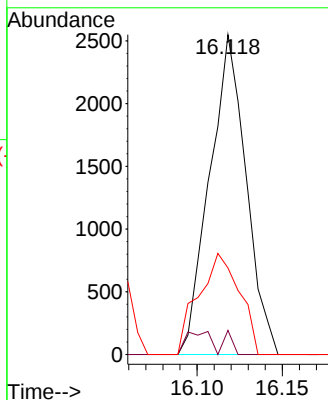
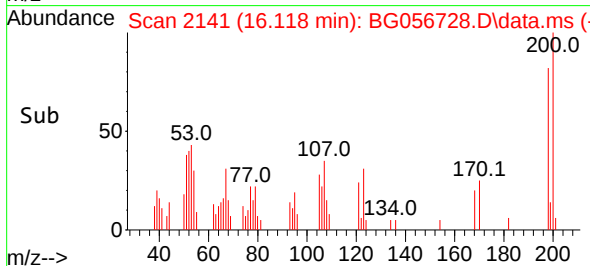
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2023-02



Tgt Ion:198 Resp: 3786
 Ion Ratio Lower Upper
 198 100
 182 7.6 2.4 3.6
 77 27.1 21.0 31.6

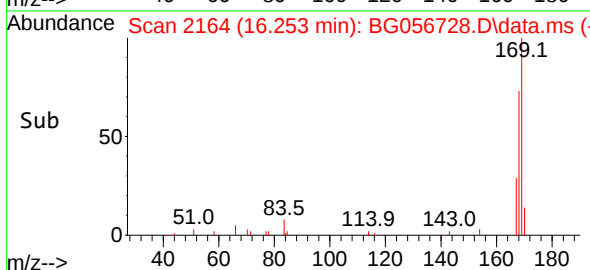
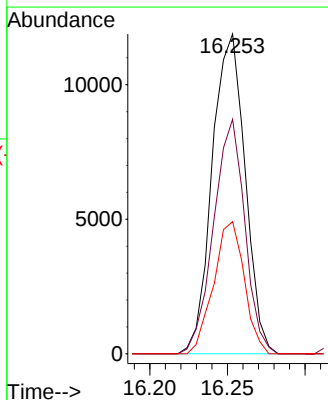
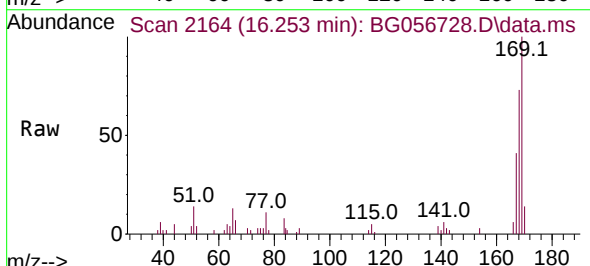
Manual Integrations
 APPROVED

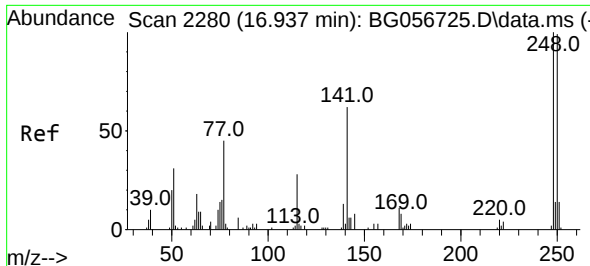
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023



#67
 N-Nitrosodiphenylamine
 Concen: 4.083 ng/ul
 RT: 16.253 min Scan# 2164
 Delta R.T. -0.003 min
 Lab File: BG056728.D
 Acq: 27 Feb 2023 12:52

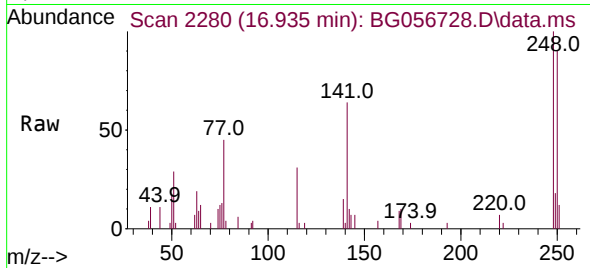
Tgt Ion:169 Resp: 17610
 Ion Ratio Lower Upper
 169 100
 168 73.3 55.1 82.7
 167 41.3 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 4.100 ng/ul
RT: 16.935 min Scan# 2280
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

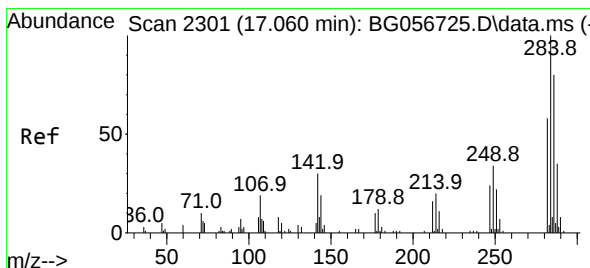
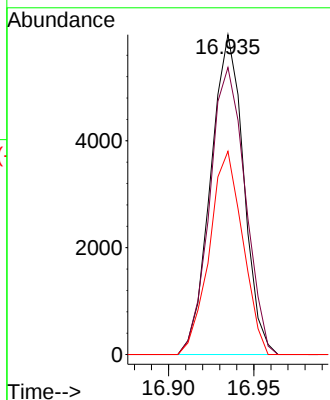
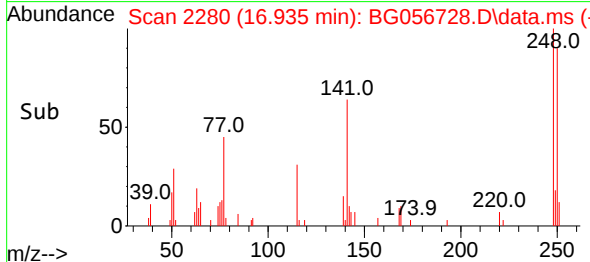
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



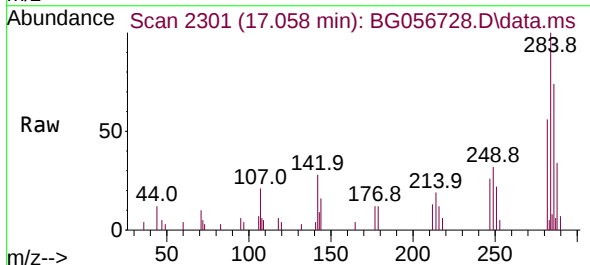
Tgt Ion:248 Resp: 8059
Ion Ratio Lower Upper
248 100
250 89.7 80.4 120.6
141 63.5 47.6 71.4

Manual Integrations
APPROVED

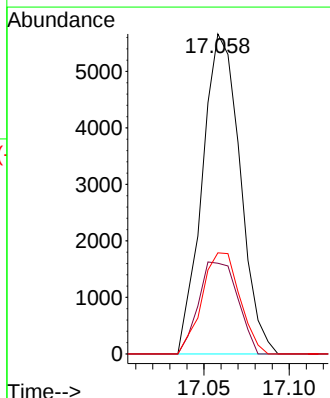
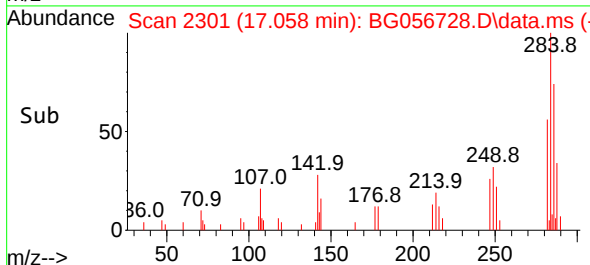
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

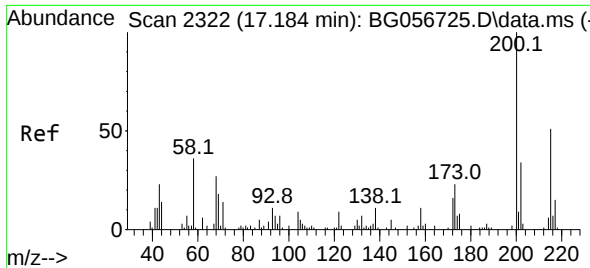


#69
Hexachlorobenzene
Concen: 4.133 ng/ul
RT: 17.058 min Scan# 2301
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



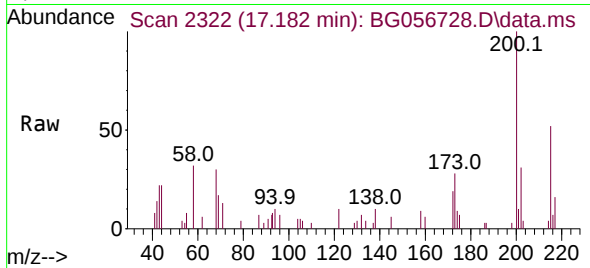
Tgt Ion:284 Resp: 8728
Ion Ratio Lower Upper
284 100
142 26.3 21.8 32.6
249 29.4 25.9 38.9





#70
Atrazine
Concen: 4.363 ng/ul
RT: 17.182 min Scan# 2322
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

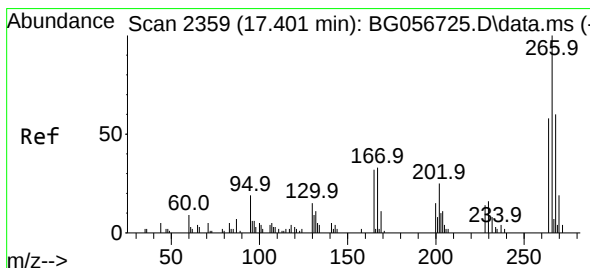
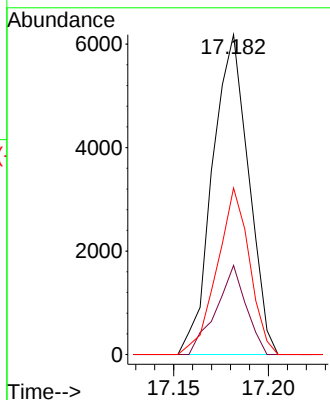
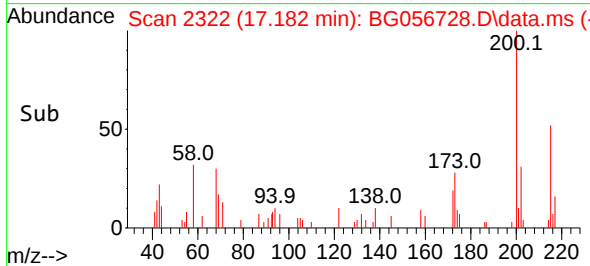
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



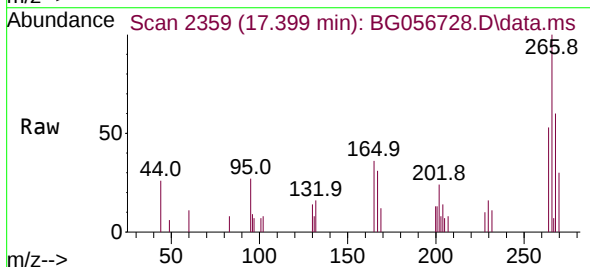
Tgt Ion:200 Resp: 8174
Ion Ratio Lower Upper
200 100
173 27.9 17.4 26.0
215 52.1 41.7 62.5

Manual Integrations
APPROVED

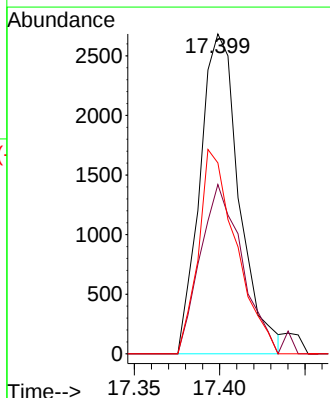
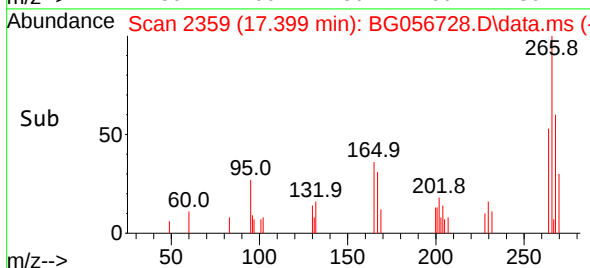
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

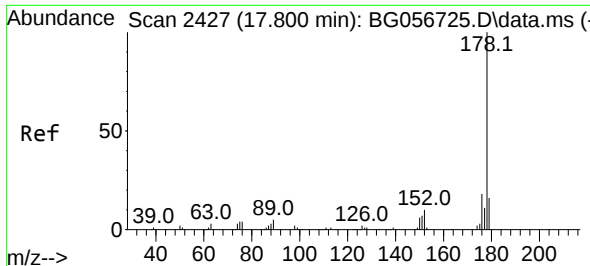


#71
Pentachlorophenol
Concen: 3.585 ng/ul
RT: 17.399 min Scan# 2359
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



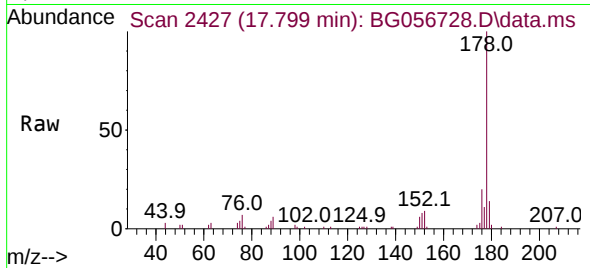
Tgt Ion:266 Resp: 4299
Ion Ratio Lower Upper
266 100
264 52.9 49.9 74.9
268 59.7 54.5 81.7





#72
Phenanthrene
Concen: 4.216 ng/ul
RT: 17.799 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

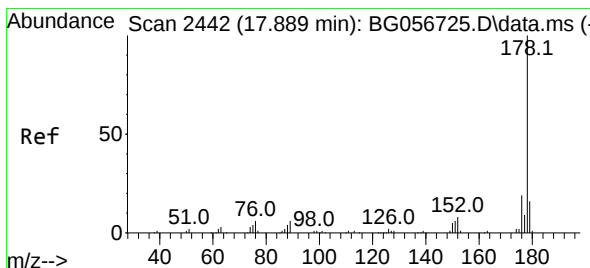
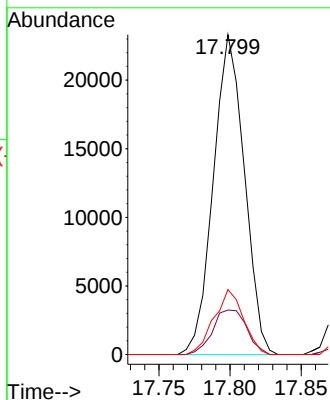
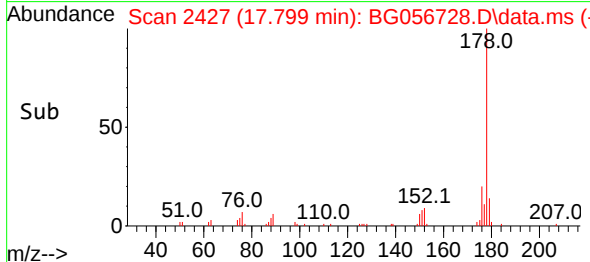
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



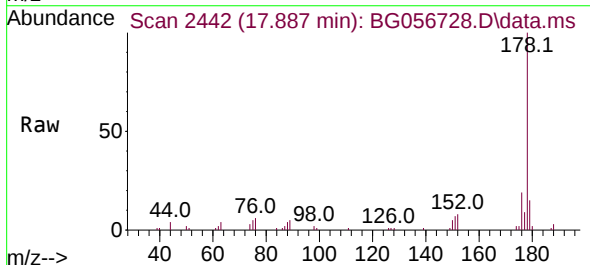
Tgt Ion:178 Resp: 35423
Ion Ratio Lower Upper
178 100
179 13.9 12.1 18.1
176 20.3 14.4 21.6

Manual Integrations
APPROVED

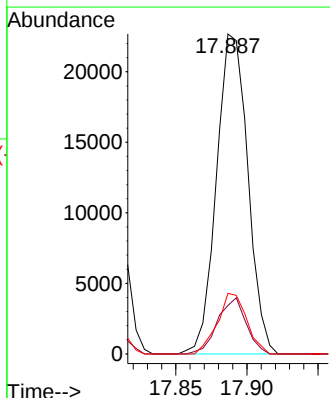
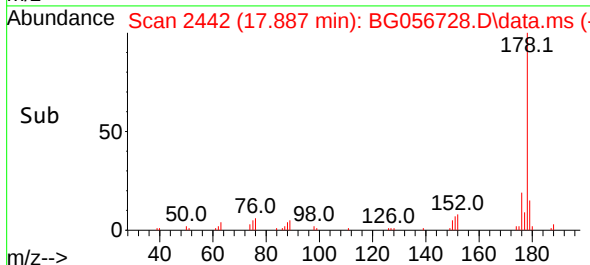
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

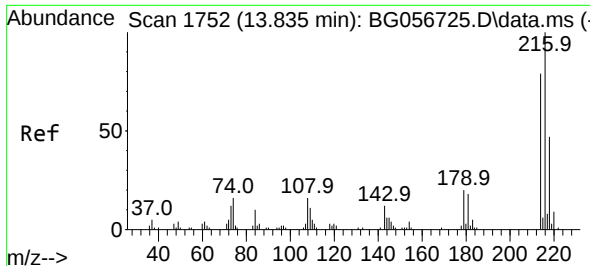


#74
Anthracene
Concen: 4.099 ng/ul
RT: 17.887 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



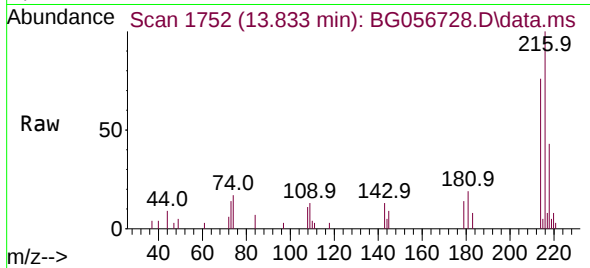
Tgt Ion:178 Resp: 34809
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.9 14.1 21.1





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.534 ng/uL
RT: 13.833 min Scan# 1752
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

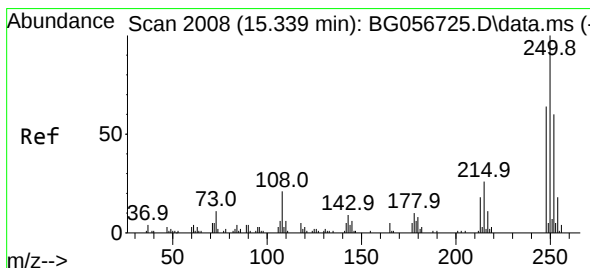
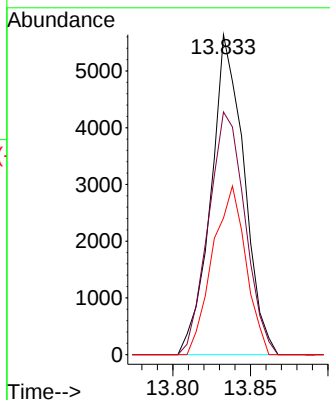
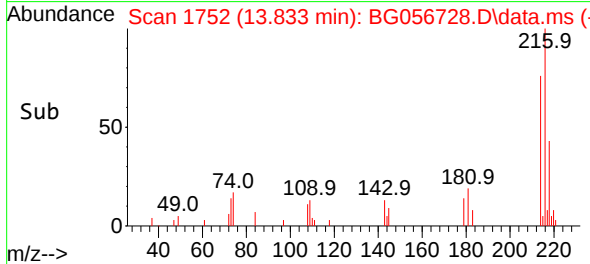
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



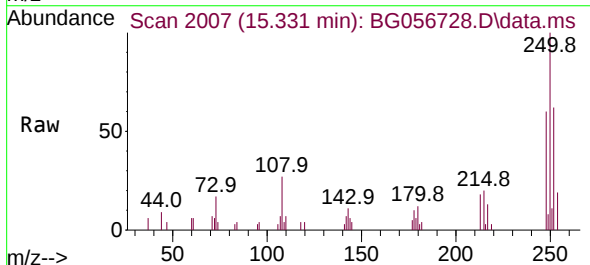
Tgt Ion:216 Resp: 838
Ion Ratio Lower Upper
216 100
214 75.8 64.2 96.2
218 42.7 36.6 54.8

Manual Integrations
APPROVED

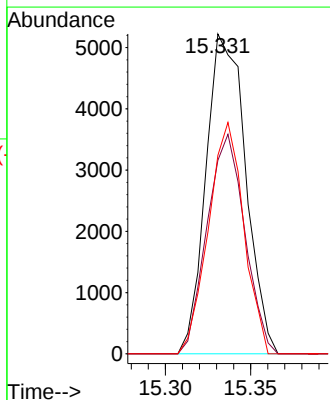
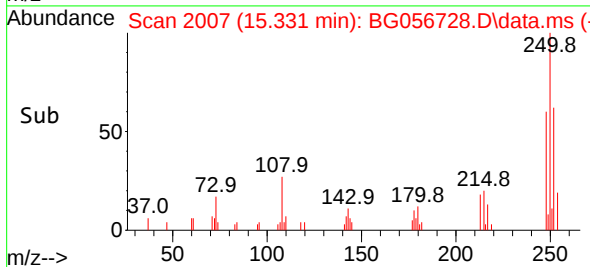
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

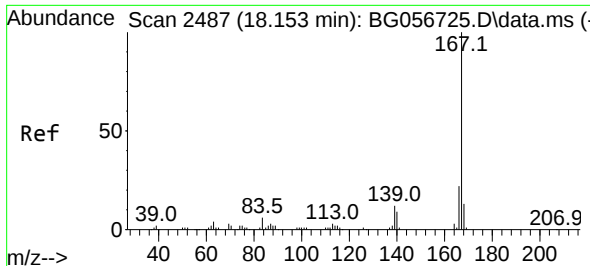


#76
Pentachlorobenzene
Concen: 3.502 ng/uL
RT: 15.331 min Scan# 2007
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



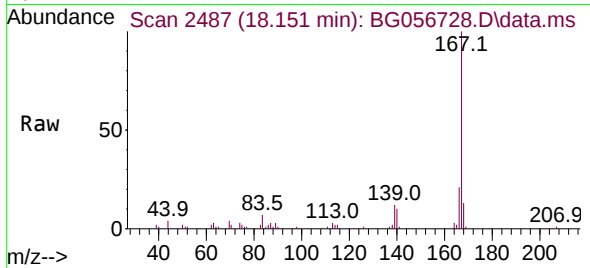
Tgt Ion:250 Resp: 8429
Ion Ratio Lower Upper
250 100
248 60.5 47.1 70.7
252 62.0 52.4 78.6





#77
 Carbazole
 Concen: 4.291 ng/ul
 RT: 18.151 min Scan# 2487
 Delta R.T. -0.003 min
 Lab File: BG056728.D
 Acq: 27 Feb 2023 12:52

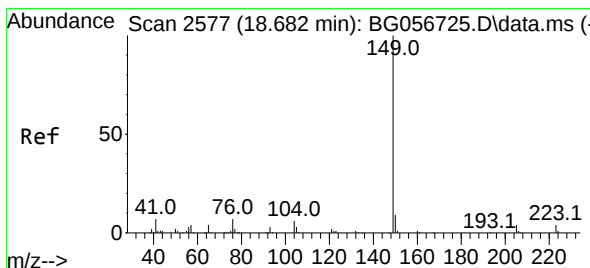
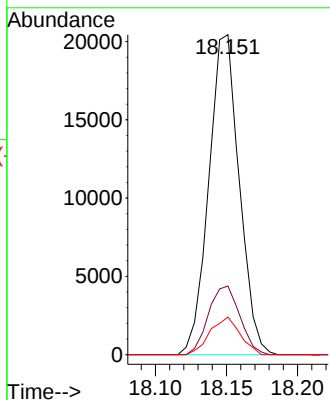
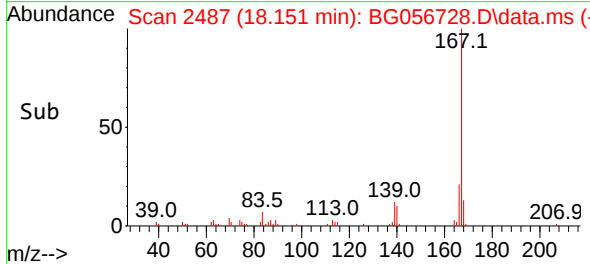
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT1-2023-02



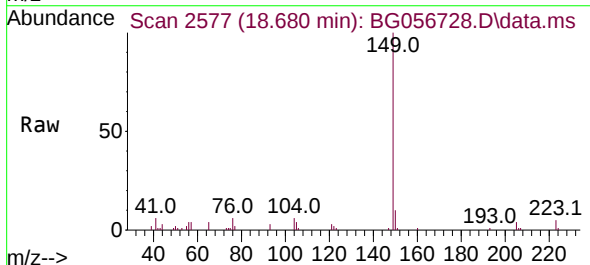
Tgt Ion:167 Resp: 30489
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.2
 139 11.7 9.8 14.8

Manual Integrations
 APPROVED

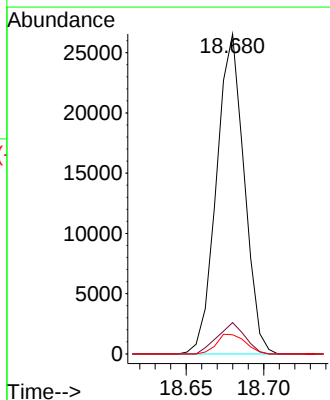
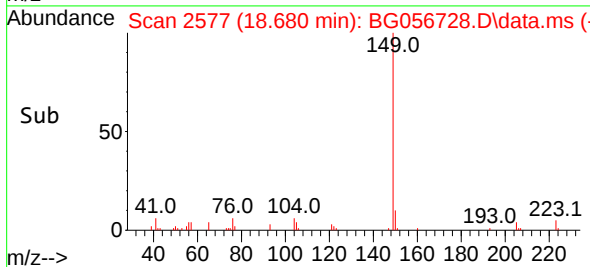
Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

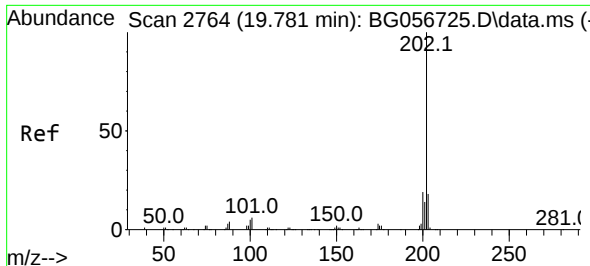


#78
 Di-n-butylphthalate
 Concen: 4.037 ng/ul
 RT: 18.680 min Scan# 2577
 Delta R.T. -0.003 min
 Lab File: BG056728.D
 Acq: 27 Feb 2023 12:52



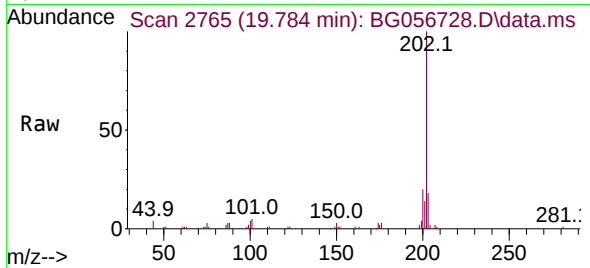
Tgt Ion:149 Resp: 33052
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 6.0 5.4 8.2





#80
Fluoranthene
Concen: 3.675 ng/u1
RT: 19.784 min Scan# 2765
Delta R.T. -0.003 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

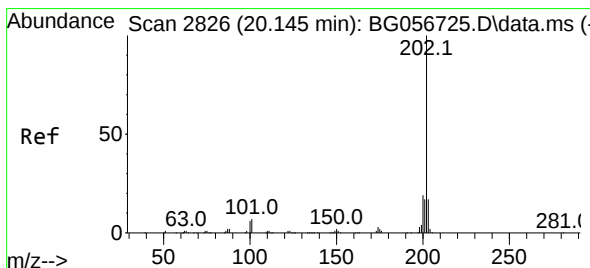
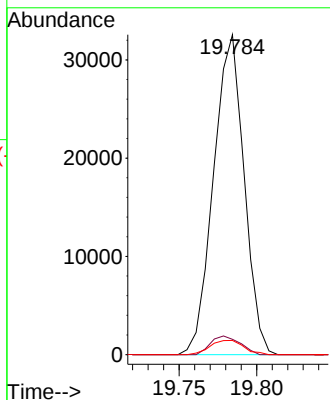
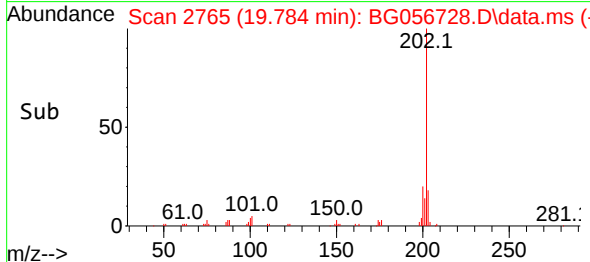
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



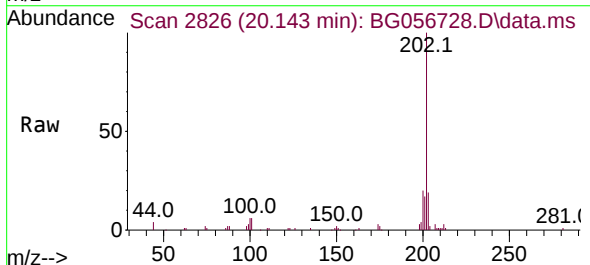
Tgt Ion:202 Resp: 44820
Ion Ratio Lower Upper
202 100
101 4.8 4.7 7.1
100 4.4 4.4 6.6

Manual Integrations
APPROVED

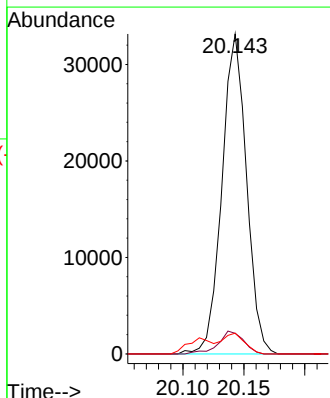
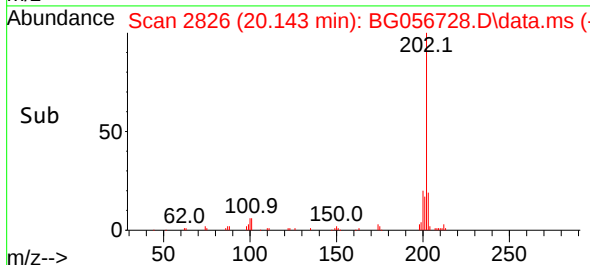
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

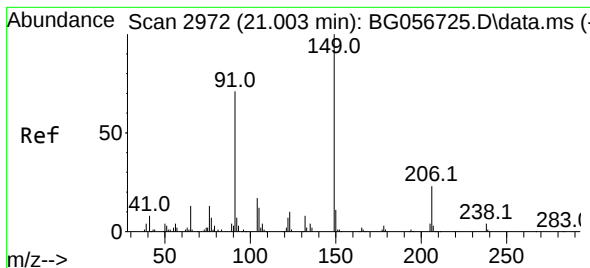


#82
Pyrene
Concen: 3.865 ng/u1
RT: 20.143 min Scan# 2826
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



Tgt Ion:202 Resp: 46443
Ion Ratio Lower Upper
202 100
101 6.4 5.3 7.9
100 6.5 4.6 7.0





#83

Butylbenzylphthalate

Concen: 3.594 ng/ul

RT: 21.001 min Scan# 2972

Delta R.T. -0.009 min

Lab File: BG056728.D

Acq: 27 Feb 2023 12:52

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-02

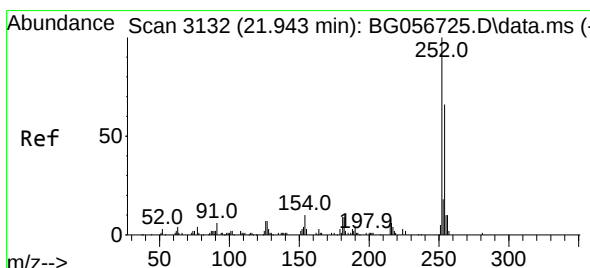
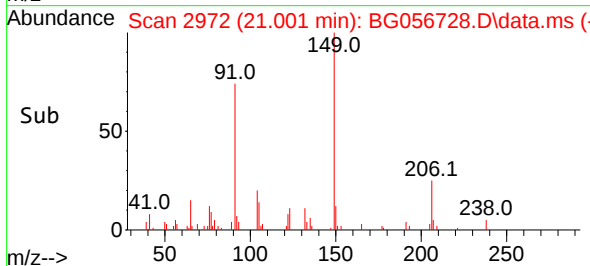
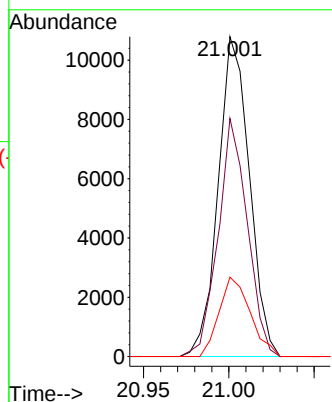
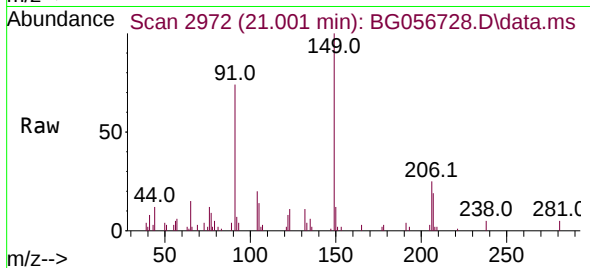
Tgt Ion:	149	Resp:	1370
Ion Ratio	Lower	Upper	
149	100		
91	74.4	59.3	88.9
206	24.8	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.230 ng/ul

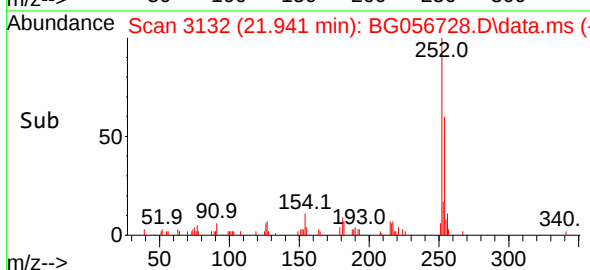
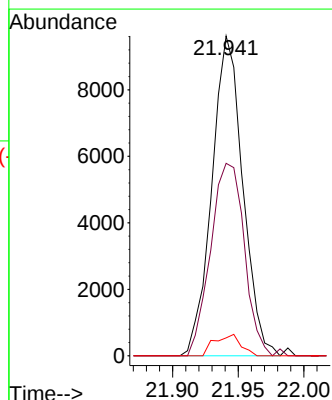
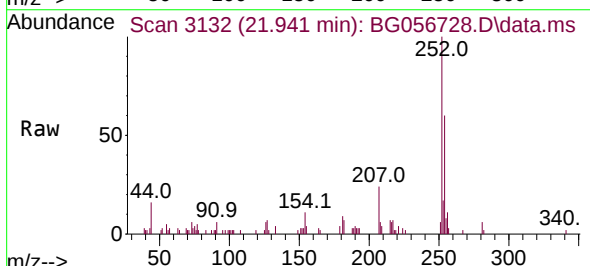
RT: 21.941 min Scan# 3132

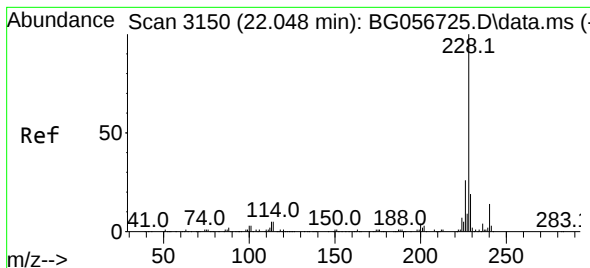
Delta R.T. -0.009 min

Lab File: BG056728.D

Acq: 27 Feb 2023 12:52

Tgt Ion:	252	Resp:	15811
Ion Ratio	Lower	Upper	
252	100		
254	60.2	52.6	78.8
126	5.6	5.0	7.6





#85

Benzo(a)anthracene

Concen: 4.106 ng/ul

RT: 22.041 min Scan# 3150

Delta R.T. -0.015 min

Lab File: BG056728.D

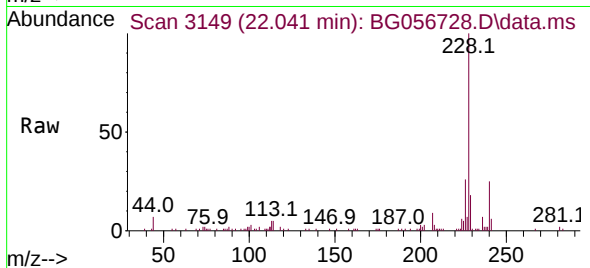
Acq: 27 Feb 2023 12:52

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2023-02



Tgt Ion:228 Resp: 44554

Ion Ratio Lower Upper

228 100

229 17.7 16.2 24.4

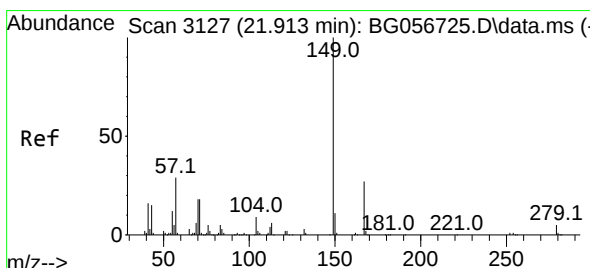
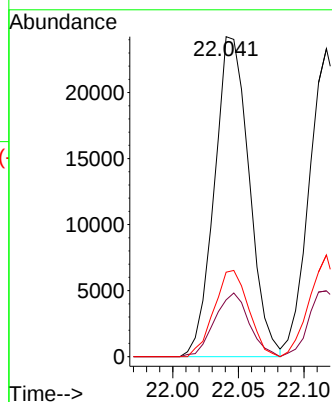
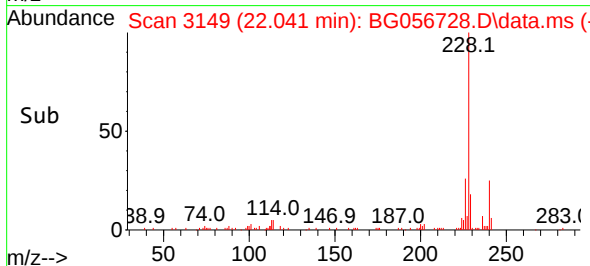
226 26.4 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2023

Supervised By :Jagrut Upadhyay 02/28/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.814 ng/ul

RT: 21.911 min Scan# 3127

Delta R.T. -0.003 min

Lab File: BG056728.D

Acq: 27 Feb 2023 12:52

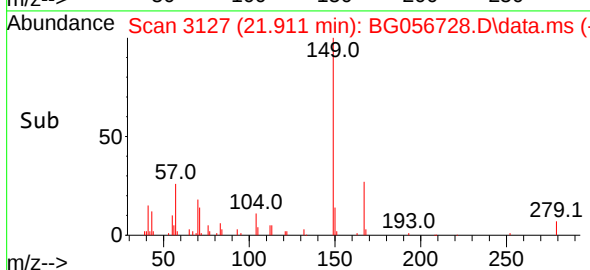
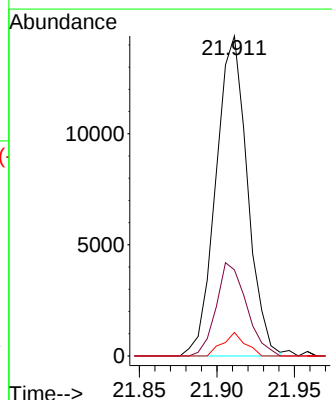
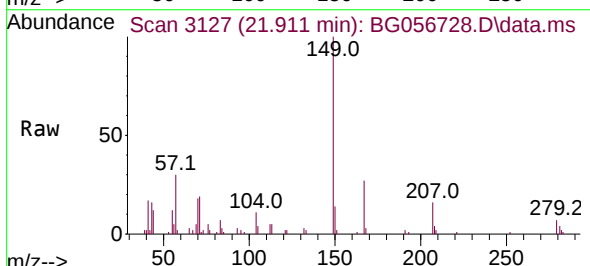
Tgt Ion:149 Resp: 20423

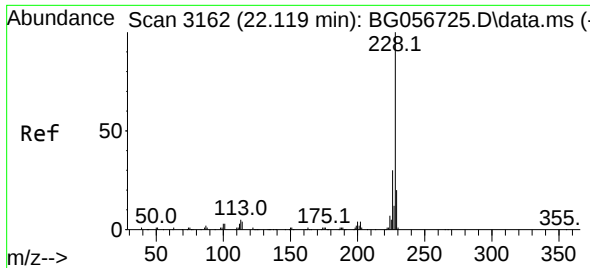
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

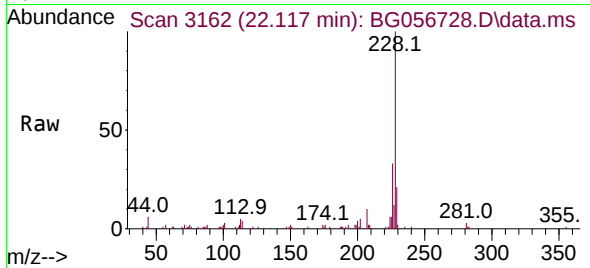
279 7.3 4.2 6.2#





#87
Chrysene
Concen: 4.063 ng/ul
RT: 22.117 min Scan# 3162
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

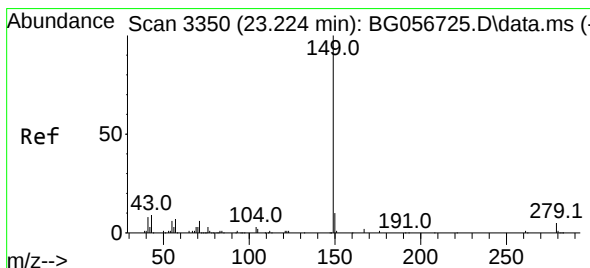
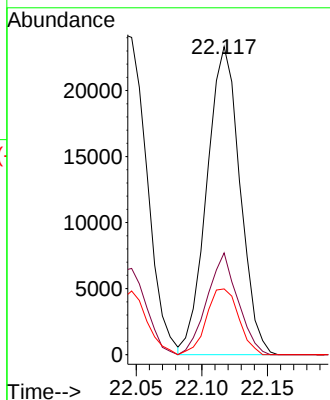
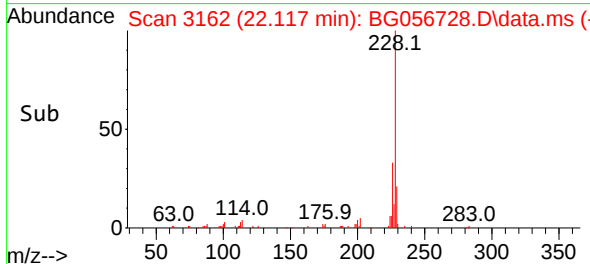
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:228 Resp: 41055
Ion Ratio Lower Upper
228 100
226 33.0 23.6 35.4
229 21.3 15.4 23.0

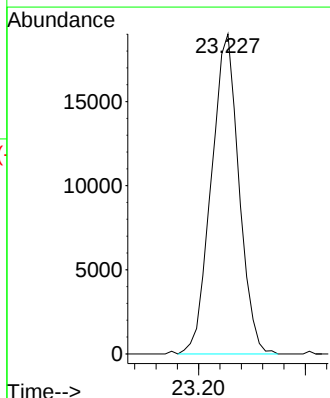
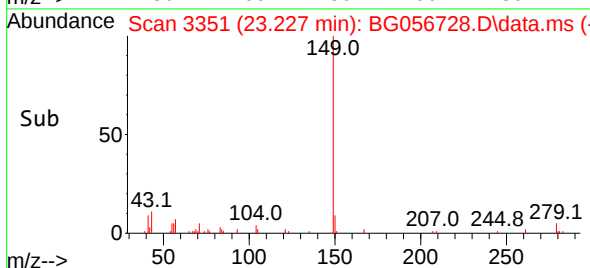
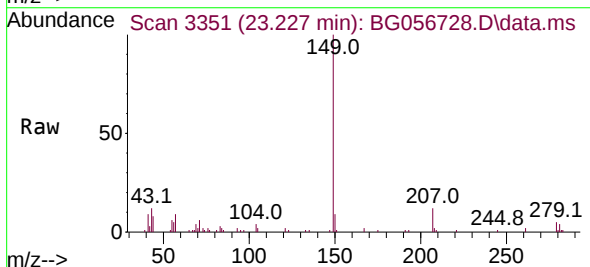
Manual Integrations
APPROVED

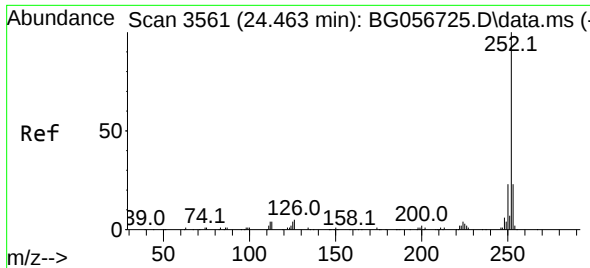
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#89
Di-n-octyl phthalate
Concen: 4.146 ng/ul
RT: 23.227 min Scan# 3351
Delta R.T. -0.009 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

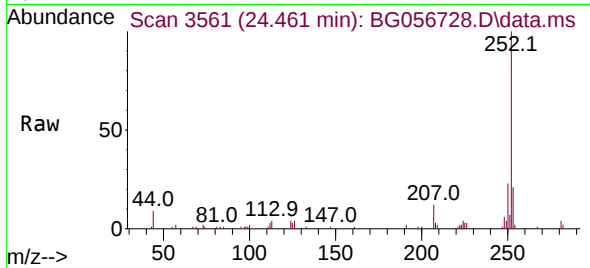
Tgt Ion:149 Resp: 34242





#90
Benzo(b)fluoranthene
Concen: 4.312 ng/ul
RT: 24.461 min Scan# 3561
Delta R.T. -0.015 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

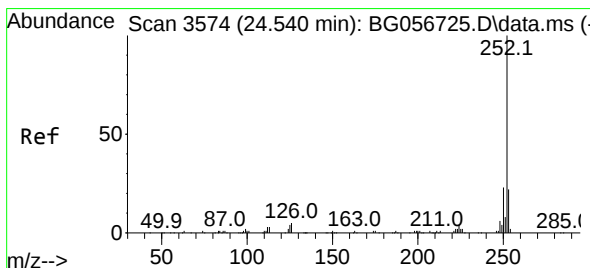
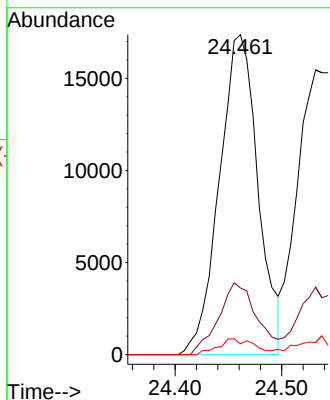
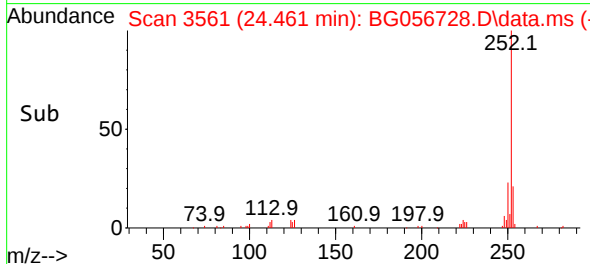
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



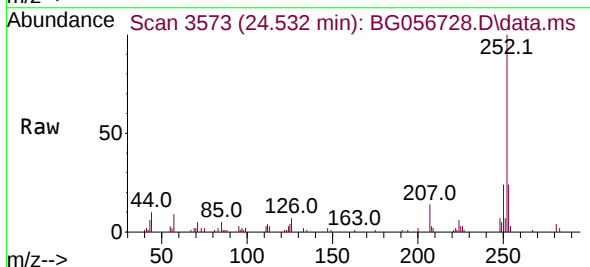
Tgt Ion:252 Resp: 43846
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 3.4 3.0 4.6

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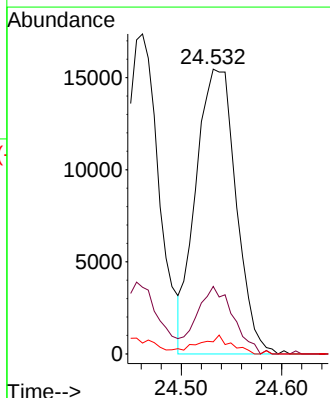
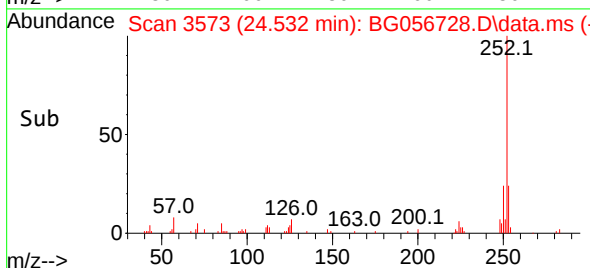
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023

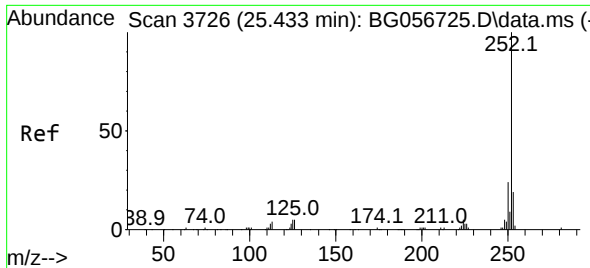


#91
Benzo(k)fluoranthene
Concen: 4.349 ng/ul
RT: 24.532 min Scan# 3573
Delta R.T. -0.021 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52



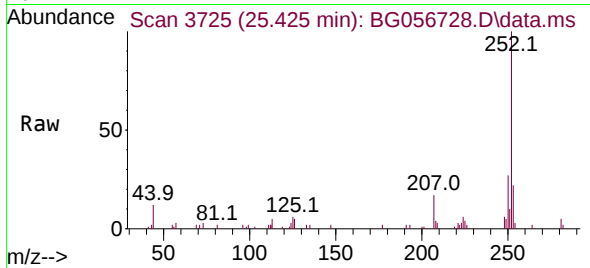
Tgt Ion:252 Resp: 43078
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 4.2 3.4 5.2





#93
Benzo(a)pyrene
Concen: 4.065 ng/ul
RT: 25.425 min Scan# 3725
Delta R.T. -0.015 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

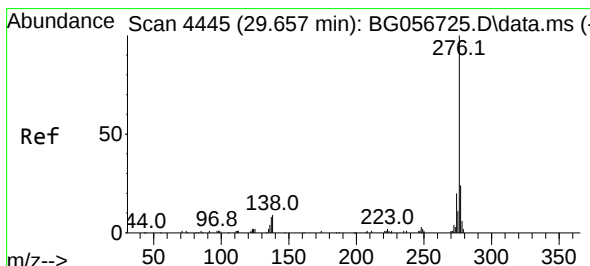
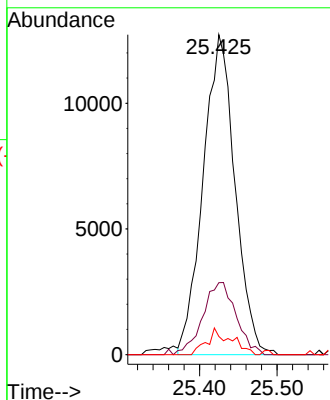
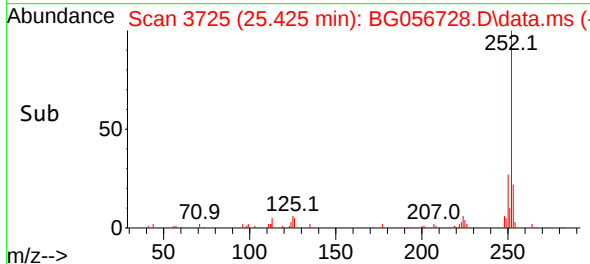
Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:252 Resp: 36338
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 5.7 3.6 5.4

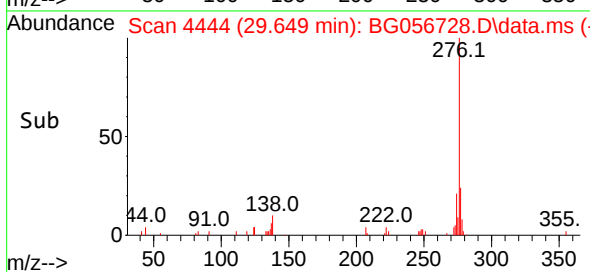
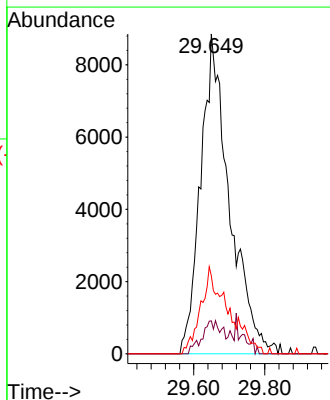
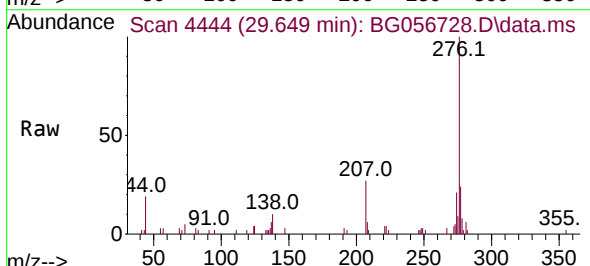
Manual Integrations
APPROVED

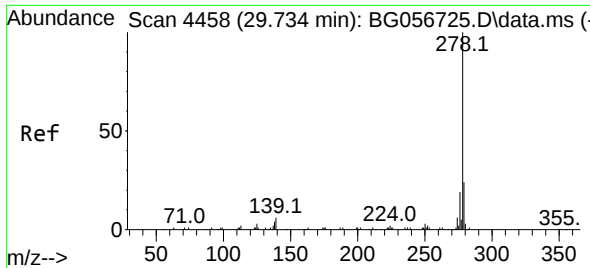
Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.115 ng/ul m
RT: 29.649 min Scan# 4444
Delta R.T. -0.032 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

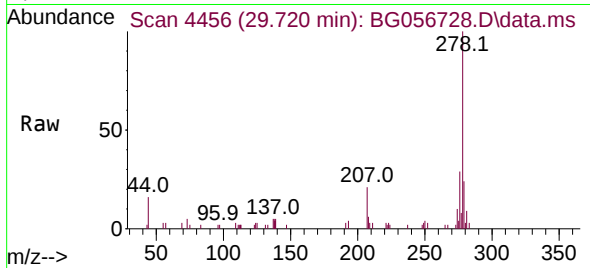
Tgt Ion:276 Resp: 49970
Ion Ratio Lower Upper
276 100
138 10.3 5.7 8.5#
277 24.4 18.1 27.1





#95
Dibenzo(a,h)anthracene
Concen: 4.102 ng/ul m
RT: 29.720 min Scan# 4458
Delta R.T. -0.038 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

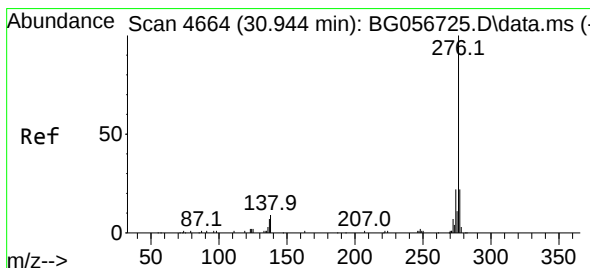
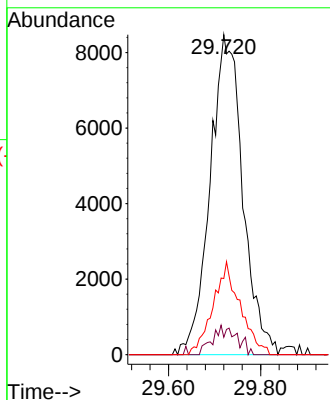
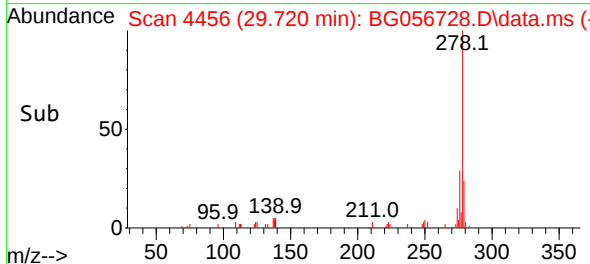
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:278 Resp: 41653
Ion Ratio Lower Upper
278 100
139 5.4 4.3 6.5
279 23.8 21.7 32.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/28/2023
Supervised By :Jagrut Upadhyay 02/28/2023



#96
Benzo(g,h,i)perylene
Concen: 4.221 ng/ul
RT: 30.924 min Scan# 4661
Delta R.T. -0.032 min
Lab File: BG056728.D
Acq: 27 Feb 2023 12:52

Tgt Ion:276 Resp: 40944
Ion Ratio Lower Upper
276 100
138 14.8 6.5 9.7#
277 19.9 20.7 31.1#

