

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062808.D
 Acq On : 14 Sep 2024 12:46
 Operator : JU/RC
 Sample : P3391-04
 Misc : SFAM-MDL-Q3-SOIL-02
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Sep 14 14:31:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	38273	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	169262	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.530	164	141323	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.273	188	386045	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	434981	20.000	ng/u1	0.00
88) Perylene-d12	24.582	264	447646	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.354	96	4057	4.792	ng/uL	0.00
4) Pyridine-d5	3.766	84	62316	23.122	ng/u1	0.00
7) Phenol-d5	7.068	99	72270	21.534	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.232	67	41791	20.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.432	132	54750	22.396	ng/u1	0.00
15) 4-Methylphenol-d8	8.607	113	57508	20.563	ng/u1	0.00
21) Nitrobenzene-d5	9.054	128	29560	24.435	ng/u1	0.00
24) 2-Nitrophenol-d4	9.776	143	33450	25.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	63504	22.040	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	81509	20.581	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	240266	22.078	ng/u1	0.00
49) Acenaphthylene-d8	14.224	160	265072	21.931	ng/u1	0.00
54) 4-Nitrophenol-d4	14.729	143	39087	21.142	ng/u1	0.00
60) Fluorene-d10	15.523	176	224303	22.872	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	45557	20.516	ng/u1	0.00
73) Anthracene-d10	17.373	188	348563	19.132	ng/u1	0.00
81) Pyrene-d10	19.665	212	533356	21.790	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.377	264	535846	22.670	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.783	79	12057	4.265	ng/u1#	65
6) Benzaldehyde	7.038	77	8167	4.426	ng/u1	92
8) Phenol	7.091	94	14238	4.081	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.326	93	10777	4.086	ng/u1	92
12) 2-Chlorophenol	7.467	128	11496	4.599	ng/u1	98
13) 2-Methylphenol	8.343	108	10637	4.066	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.431	45	20834	4.389	ng/u1	95
16) Acetophenone	8.719	105	18972	4.174	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.701	70	10165	4.272	ng/u1#	96
18) 4-Methylphenol	8.666	108	11808	4.012	ng/u1	98
19) Hexachloroethane	8.983	117	4908	4.878	ng/u1	89
22) Nitrobenzene	9.095	77	15392	4.703	ng/u1	92
23) Isophorone	9.618	82	31204	4.664	ng/u1	97
25) 2-Nitrophenol	9.806	139	6792	4.658	ng/u1	97
26) 2,4-Dimethylphenol	9.864	107	6290	2.019	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.099	93	16485	4.409	ng/u1	94
29) 2,4-Dichlorophenol	10.346	162	12540	4.419	ng/u1	92
30) Naphthalene	10.746	128	39825	4.388	ng/u1	96
32) 4-Chloroaniline	10.852	127	15422	3.915	ng/u1#	86
33) Hexachlorobutadiene	11.034	225	11752	4.971	ng/u1	91
34) Caprolactam	11.604	113	6606	6.316	ng/u1	96
35) 4-Chloro-3-methylphenol	11.980	107	14131	4.565	ng/u1	98
36) 2-Methylnaphthalene	12.356	142	30548	4.561	ng/u1	95
37) 1-Methylnaphthalene	12.573	142	31465	4.586	ng/u1	95

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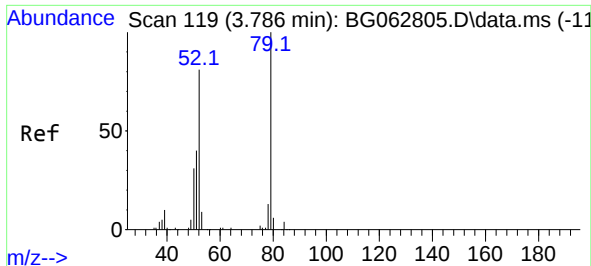
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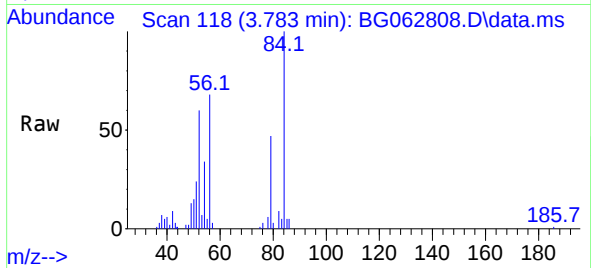
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.720	216	21886	4.505	ng/ul	95
40) Hexachlorocyclopentadiene	12.702	237	9890	3.978	ng/ul	95
41) 2,4,6-Trichlorophenol	12.961	196	14164	4.813	ng/ul	97
42) 2,4,5-Trichlorophenol	13.037	196	14703	4.653	ng/ul	90
43) 1,1'-Biphenyl	13.360	154	43891	4.416	ng/ul	95
44) 2-Chloronaphthalene	13.401	162	35745	4.423	ng/ul	97
45) 2-Nitroaniline	13.601	65	9109	4.108	ng/ul	89
47) Dimethylphthalate	13.977	163	49904	4.453	ng/ul	98
48) 2,6-Dinitrotoluene	14.101	165	8339	4.223	ng/ul	100
50) Acenaphthylene	14.253	152	59029	4.626	ng/ul	99
51) 3-Nitroaniline	14.430	138	8185	4.140	ng/ul	98
52) Acenaphthene	14.594	153	38836	4.297	ng/ul	97
53) 2,4-Dinitrophenol	14.635	184	6432	4.933	ng/ul	97
55) 4-Nitrophenol	14.741	109	8103	4.876	ng/ul	91
56) Dibenzofuran	14.929	168	57478	4.281	ng/ul	96
57) 2,4-Dinitrotoluene	14.888	165	14099	4.567	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.158	232	15285	4.774	ng/ul	93
59) Diethylphthalate	15.346	149	48690	4.404	ng/ul	100
61) Fluorene	15.575	166	48554	4.603	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.570	204	28583	4.620	ng/ul	97
63) 4-Nitroaniline	15.587	138	8472	3.983	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.658	198	9756	4.238	ng/ul	97
67) N-Nitrosodiphenylamine	15.787	169	40852	4.126	ng/ul	97
68) 4-Bromophenyl-phenylether	16.468	248	19791	4.455	ng/ul	91
69) Hexachlorobenzene	16.580	284	23367	4.607	ng/ul	97
70) Atrazine	16.733	200	19927	4.519	ng/ul	98
71) Pentachlorophenol	16.927	266	17217	5.675	ng/ul#	85
72) Phenanthrene	17.315	178	89473	4.457	ng/ul	96
74) Anthracene	17.409	178	80041	3.911	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.331	216	21736	4.123	ng/ul	92
76) Pentachlorobenzene	14.853	250	25940	4.440	ng/ul	97
77) Carbazole	17.679	167	73931	4.356	ng/ul	96
78) Di-n-butylphthalate	18.237	149	91387	4.553	ng/ul	99
80) Fluoranthene	19.330	202	119895	4.423	ng/ul	98
82) Pyrene	19.694	202	126471	4.334	ng/ul	99
83) Butylbenzylphthalate	20.581	149	42565	4.913	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.421	252	40209	4.391	ng/ul	97
85) Benzo(a)anthracene	21.504	228	134726	4.453	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	64716	5.073	ng/ul	100
87) Chrysene	21.568	228	127852	4.455	ng/ul	100
89) Di-n-octyl phthalate	22.573	149	105276	5.056	ng/ul	100
90) Benzo(b)fluoranthene	23.613	252	132142	4.781	ng/ul	99
91) Benzo(k)fluoranthene	23.678	252	128594	4.544	ng/ul	99
93) Benzo(a)pyrene	24.436	252	119193	4.572	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.031	276	147080	4.579	ng/ul	99
95) Dibenzo(a,h)anthracene	28.084	278	119945	4.649	ng/ul	94
96) Benzo(g,h,i)perylene	29.112	276	118338	4.771	ng/ul	98

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



#5
Pyridine
Concen: 4.265 ng/ul
RT: 3.783 min Scan# 119
Delta R.T. -0.003 min
Lab File: BG062808.D
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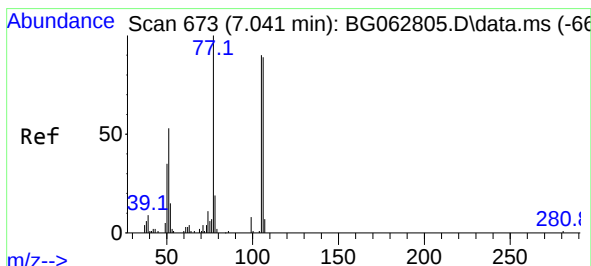
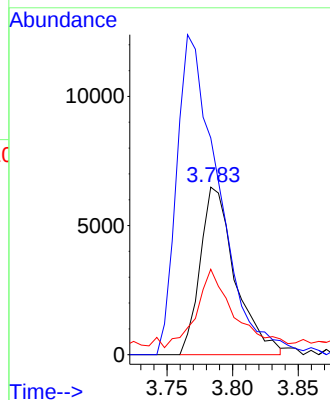
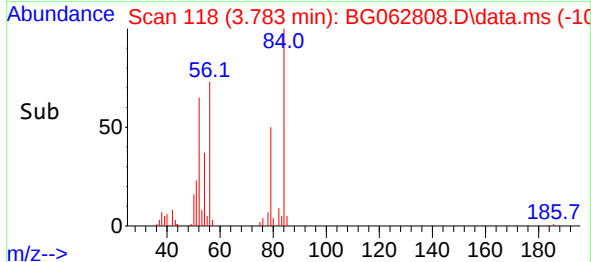
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 79 Resp: 1205
Ion Ratio Lower Upper
79 100
52 129.4 69.8 104.8
51 51.0 34.0 51.0

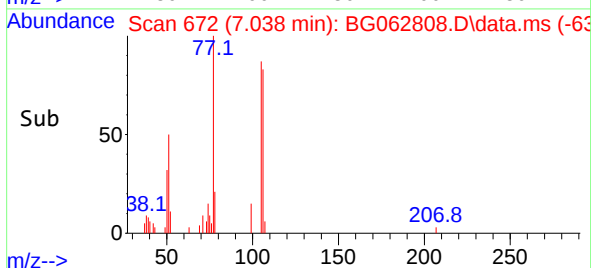
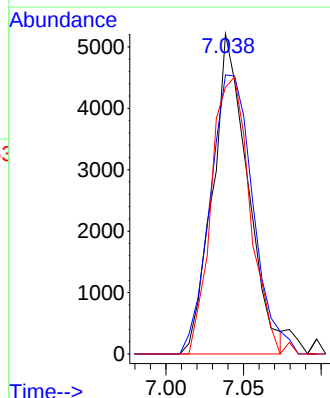
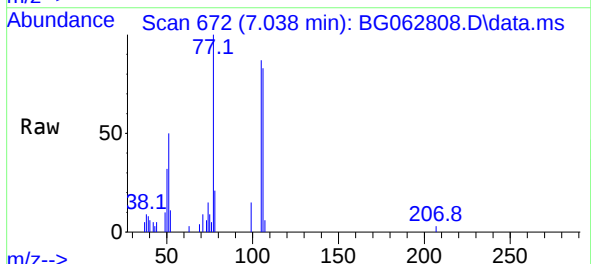
Manual Integrations
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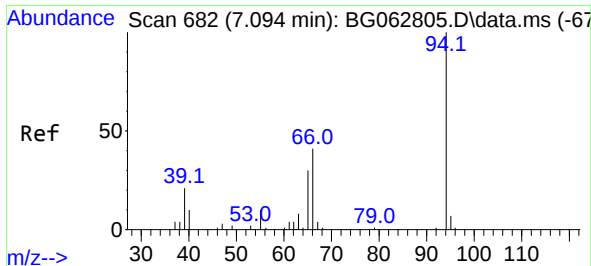
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#6
Benzaldehyde
Concen: 4.426 ng/ul
RT: 7.038 min Scan# 672
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

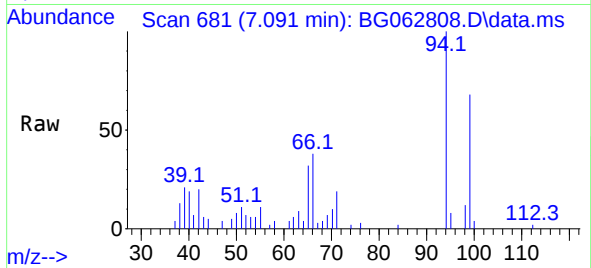
Tgt Ion: 77 Resp: 8167
Ion Ratio Lower Upper
77 100
105 87.2 79.0 118.4
106 83.4 69.0 103.6





#8
Phenol
Concen: 4.081 ng/ul
RT: 7.091 min Scan# 682
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

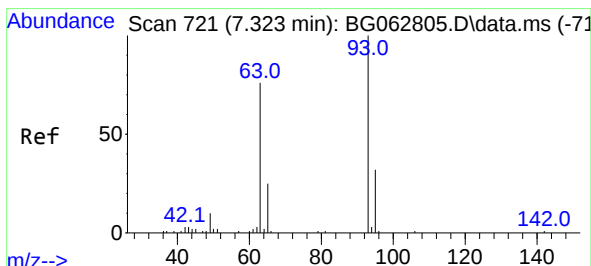
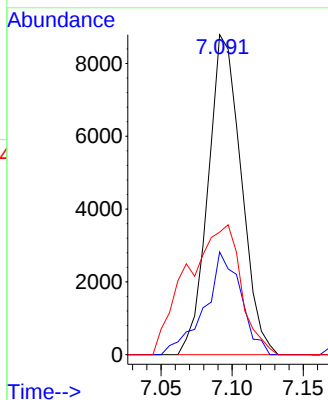
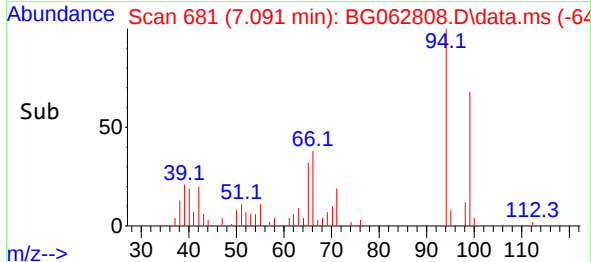
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



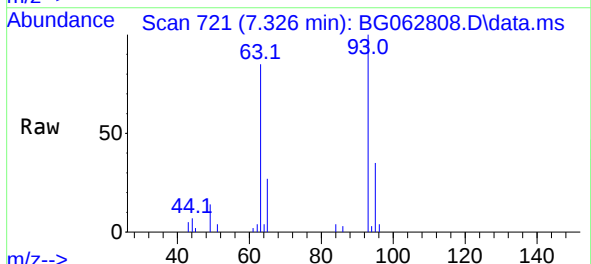
Tgt Ion: 94 Resp: 14238
Ion Ratio Lower Upper
94 100
65 32.1 25.1 37.7
66 38.3 30.8 46.2

Manual Integrations
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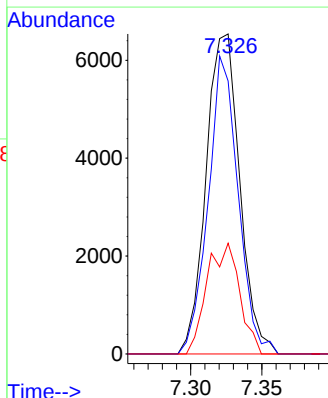
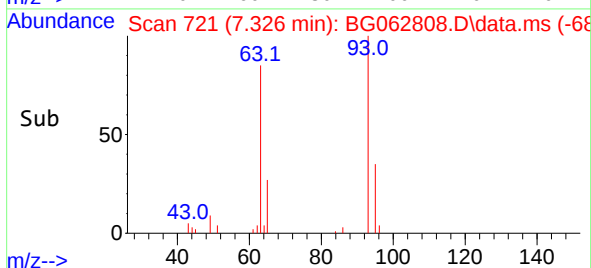
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

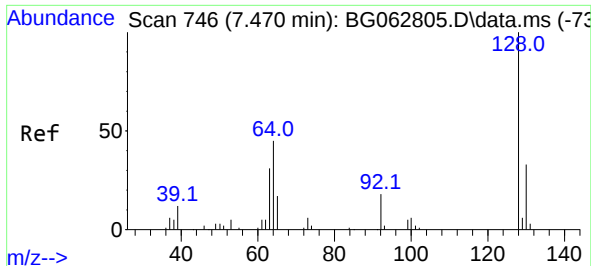


#10
Bis(2-Chloroethyl)ether
Concen: 4.086 ng/ul
RT: 7.326 min Scan# 721
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



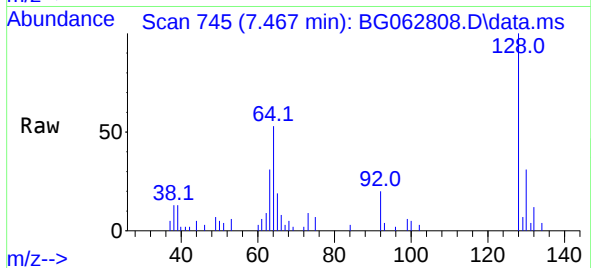
Tgt Ion: 93 Resp: 10777
Ion Ratio Lower Upper
93 100
63 85.3 62.0 93.0
95 34.6 25.9 38.9





#12
2-Chlorophenol
Concen: 4.599 ng/ul
RT: 7.467 min Scan# 746
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

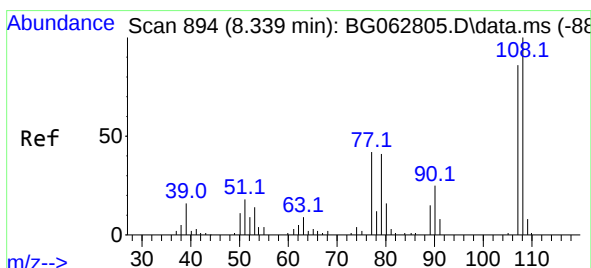
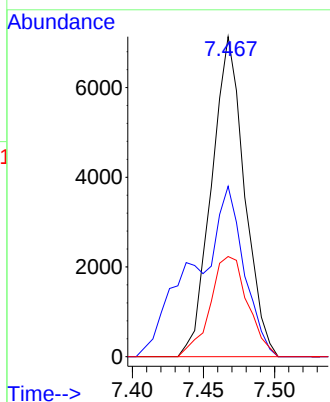
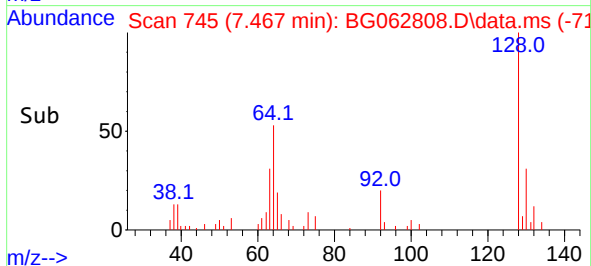
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:128 Resp: 11490
Ion Ratio Lower Upper
128 100
64 53.2 42.0 63.0
130 31.3 24.0 36.0

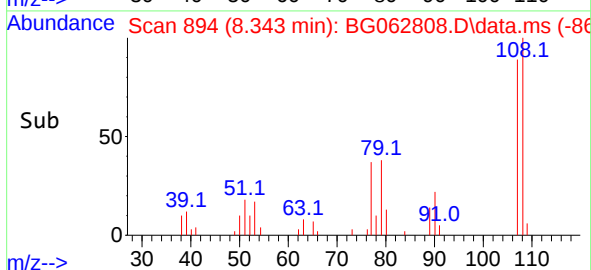
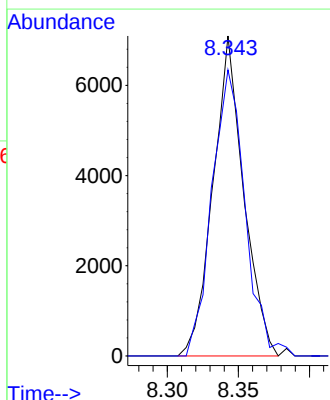
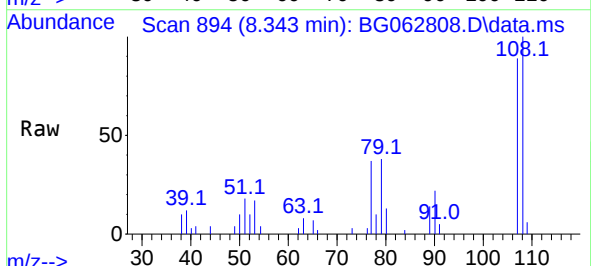
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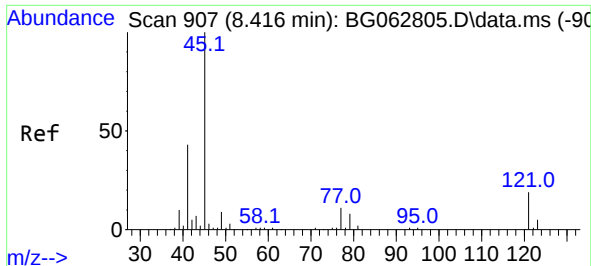
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#13
2-Methylphenol
Concen: 4.066 ng/ul
RT: 8.343 min Scan# 894
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Tgt Ion:108 Resp: 10637
Ion Ratio Lower Upper
108 100
107 89.4 72.1 108.1





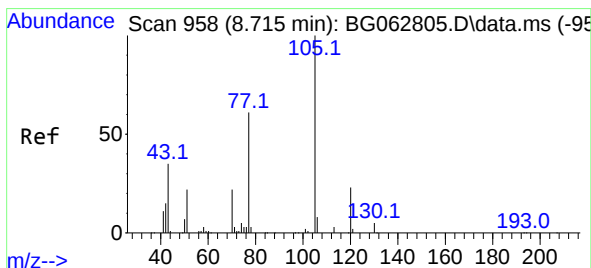
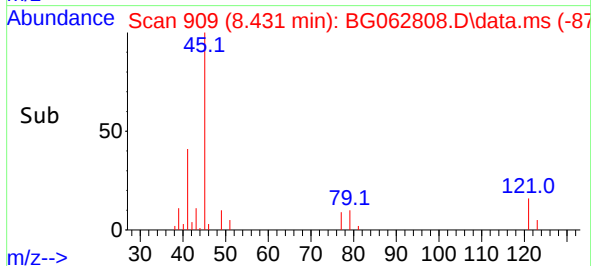
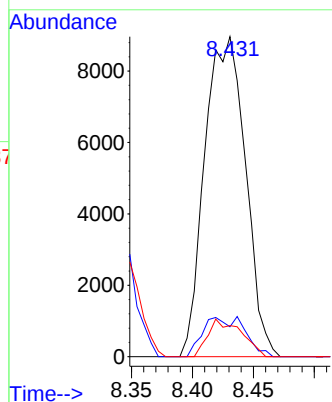
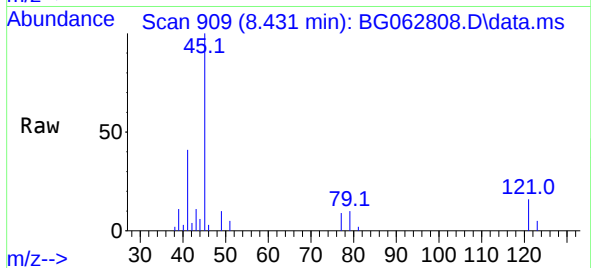
#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.389 ng/ul
RT: 8.431 min Scan# 907
Delta R.T. 0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion: 45 Resp: 20834
Ion Ratio Lower Upper
45 100
77 9.4 9.0 13.6
79 9.7 6.6 9.8

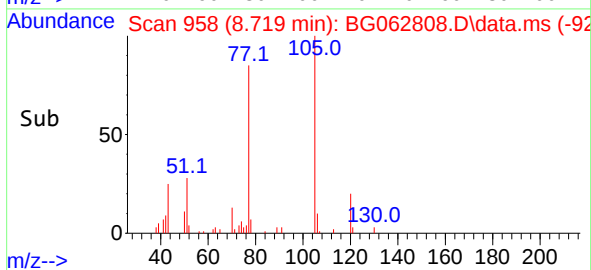
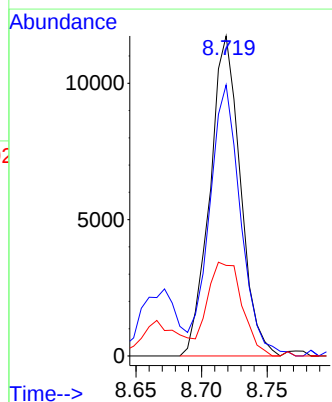
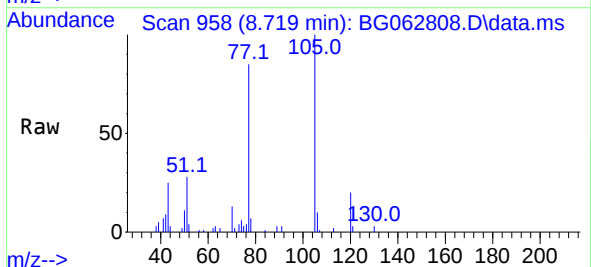
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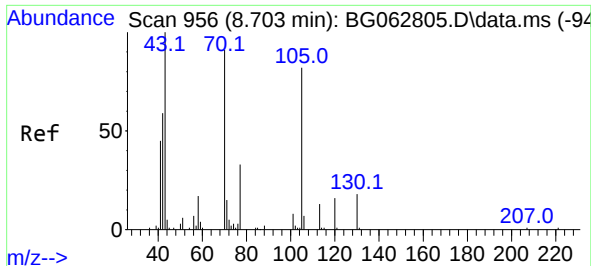
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#16
Acetophenone
Concen: 4.174 ng/ul
RT: 8.719 min Scan# 958
Delta R.T. -0.003 min
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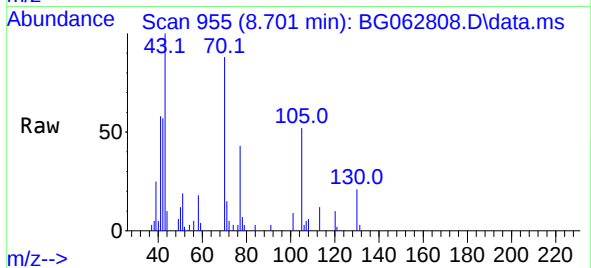
Tgt Ion:105 Resp: 18972
Ion Ratio Lower Upper
105 100
77 84.7 63.3 94.9
51 28.3 26.5 39.7





#17
N-Nitroso-di-n-propylamine
Concen: 4.272 ng/ul
RT: 8.701 min Scan# 916
Delta R.T. -0.009 min
Lab File: BG062808.D
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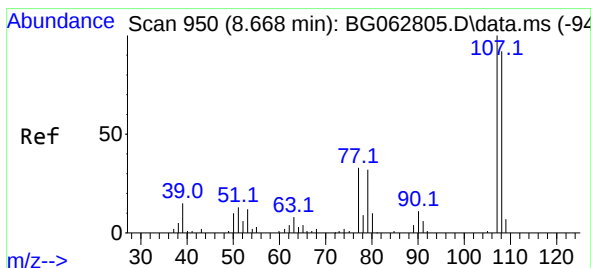
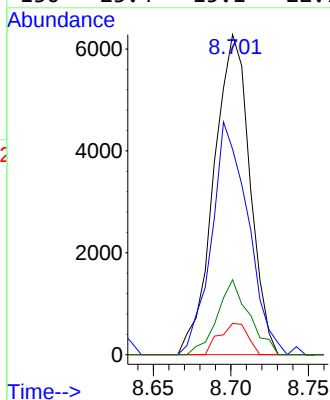
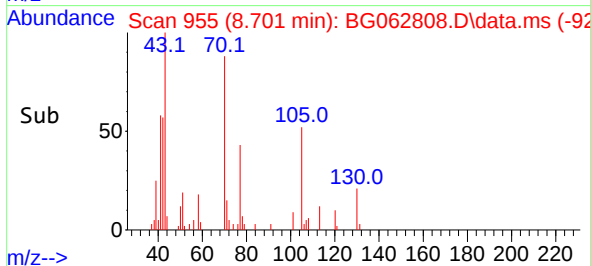
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BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 70 Resp: 1016
Ion Ratio Lower Upper
70 100
42 64.2 50.2 75.2
101 9.8 6.2 9.4
130 23.4 15.1 22.7

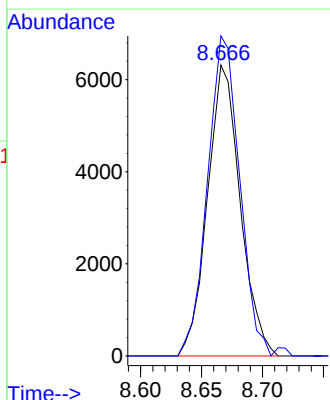
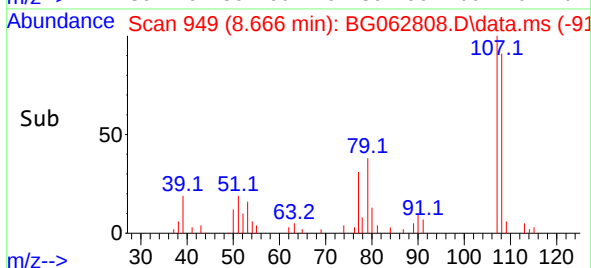
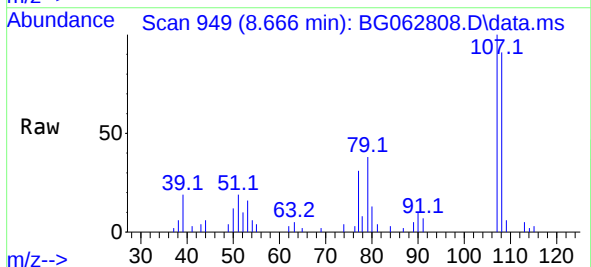
Manual Integrations
APPROVED

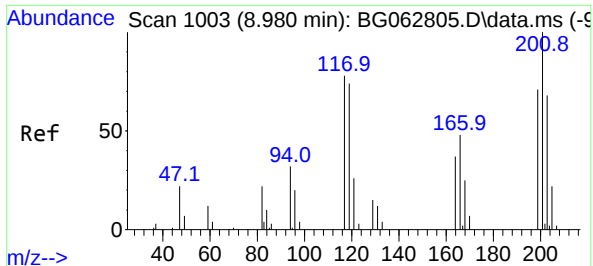
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#18
4-Methylphenol
Concen: 4.012 ng/ul
RT: 8.666 min Scan# 949
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

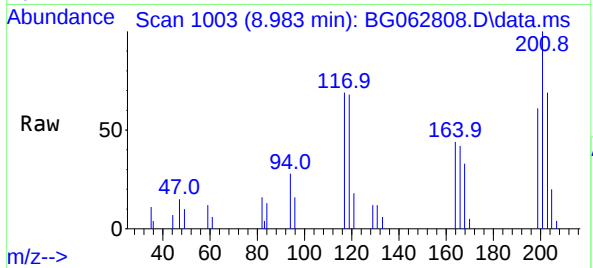
Tgt Ion:108 Resp: 11808
Ion Ratio Lower Upper
108 100
107 110.0 86.4 129.6





#19
Hexachloroethane
Concen: 4.878 ng/ul
RT: 8.983 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

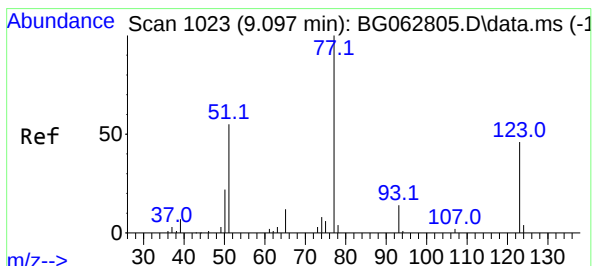
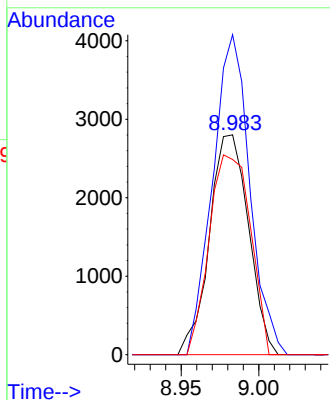
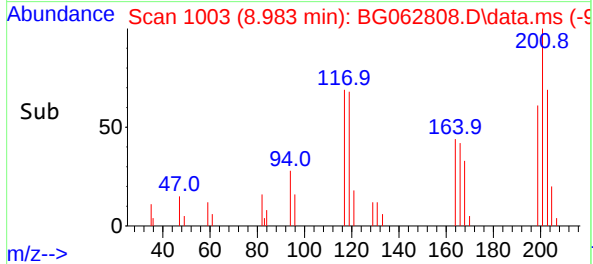
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 117 Resp: 4908
Ion Ratio Lower Upper
117 100
201 145.5 106.6 160.0
199 88.8 62.0 93.0

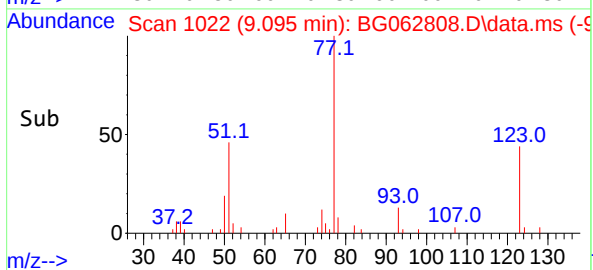
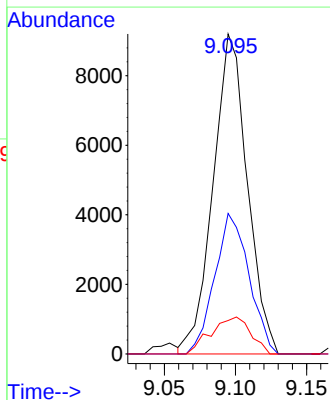
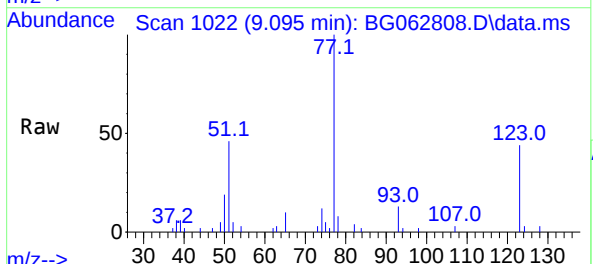
Manual Integrations
APPROVED

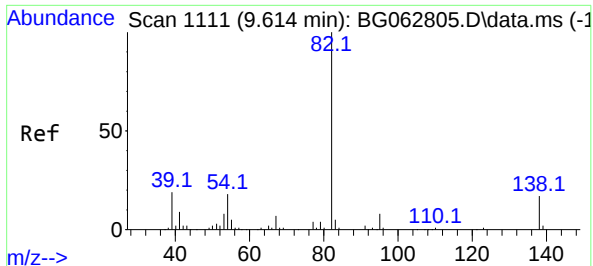
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#22
Nitrobenzene
Concen: 4.703 ng/ul
RT: 9.095 min Scan# 1022
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

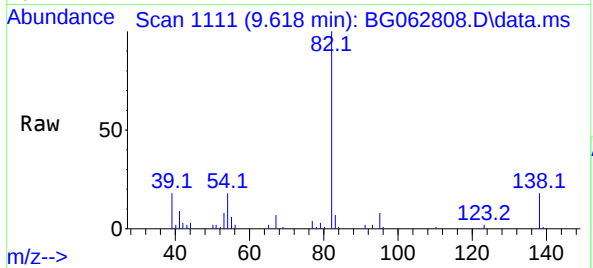
Tgt Ion: 77 Resp: 15392
Ion Ratio Lower Upper
77 100
123 43.9 30.9 46.3
65 10.5 9.7 14.5





#23
Isophorone
Concen: 4.664 ng/ul
RT: 9.618 min Scan# 1111
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

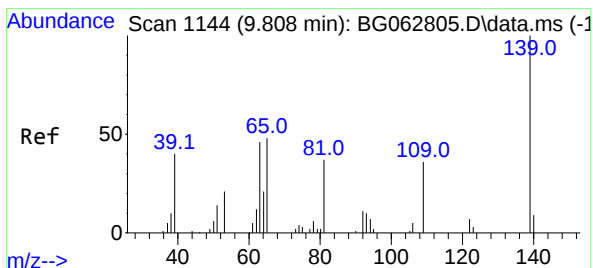
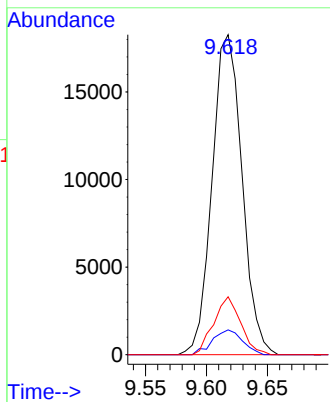
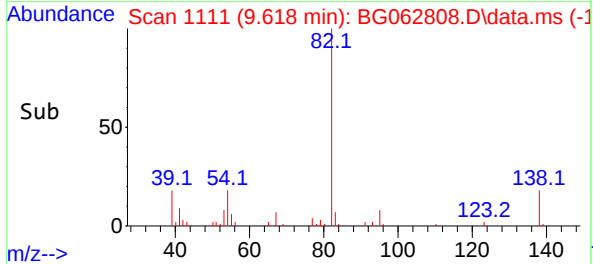
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



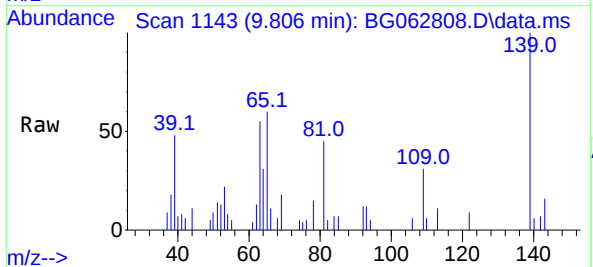
Tgt Ion: 82 Resp: 31204
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 18.1 13.0 19.6

Manual Integrations
APPROVED

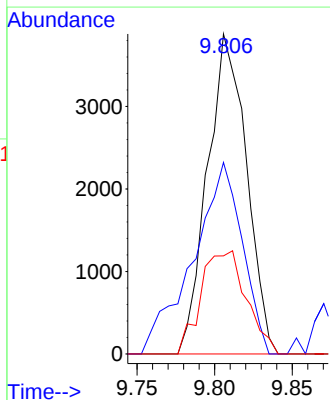
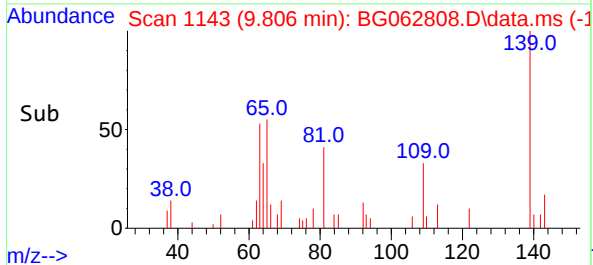
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

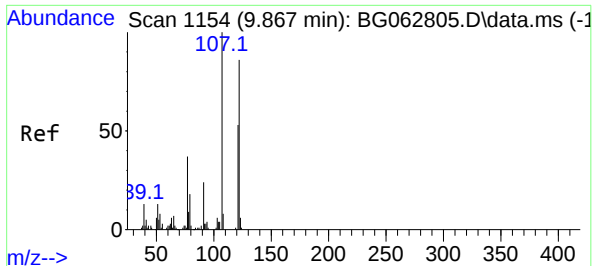


#25
2-Nitrophenol
Concen: 4.658 ng/ul
RT: 9.806 min Scan# 1143
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



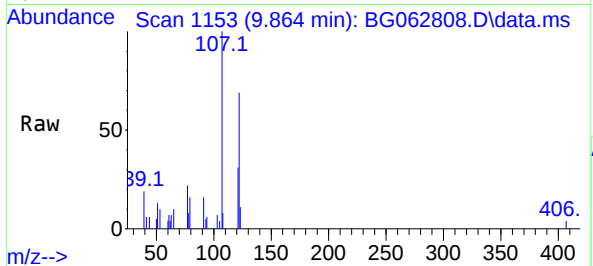
Tgt Ion:139 Resp: 6792
Ion Ratio Lower Upper
139 100
65 59.9 45.4 68.0
109 30.7 23.9 35.9





#26
2,4-Dimethylphenol
Concen: 2.019 ng/ul
RT: 9.864 min Scan# 1154
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

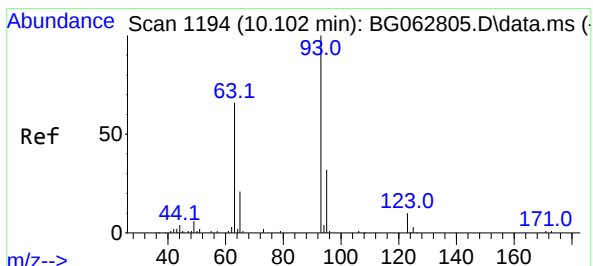
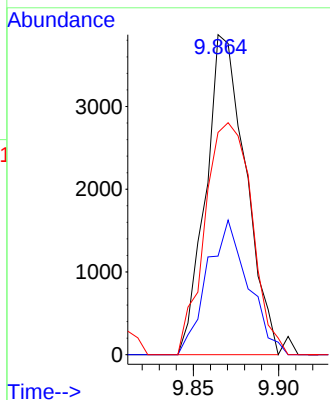
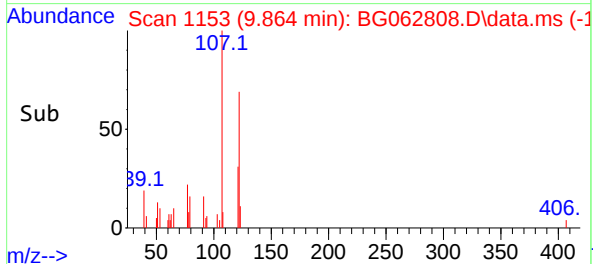
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



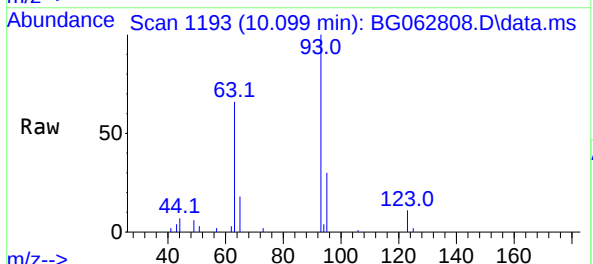
Tgt Ion:107 Resp: 6290
Ion Ratio Lower Upper
107 100
121 30.8 38.8 58.2
122 69.4 70.5 105.7

Manual Integrations
APPROVED

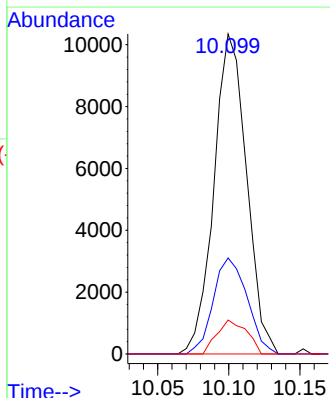
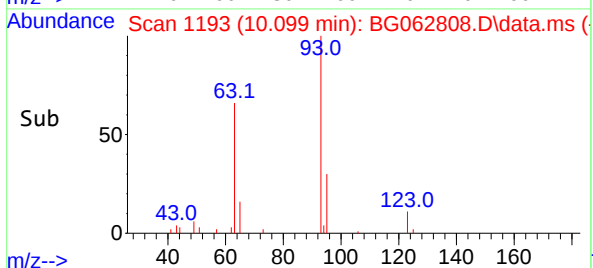
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

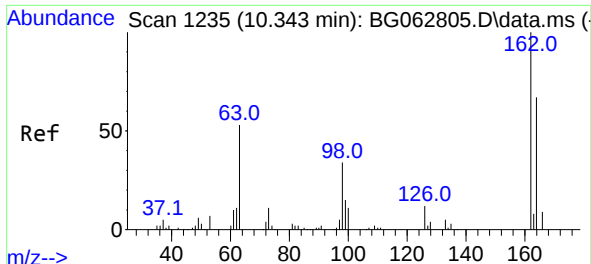


#27
Bis(2-Chloroethoxy)methane
Concen: 4.409 ng/ul
RT: 10.099 min Scan# 1193
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



Tgt Ion: 93 Resp: 16485
Ion Ratio Lower Upper
93 100
95 30.0 27.4 41.2
123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.419 ng/ul

RT: 10.346 min Scan# 1235

Delta R.T. 0.003 min

Lab File: BG062808.D

Acq: 14 Sep 2024 12:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-06

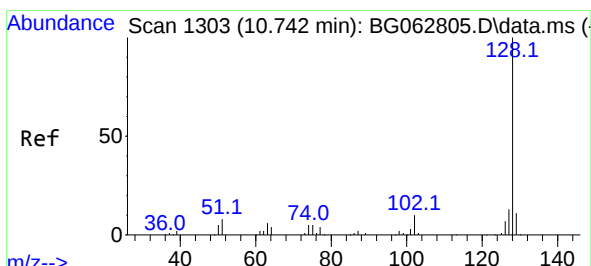
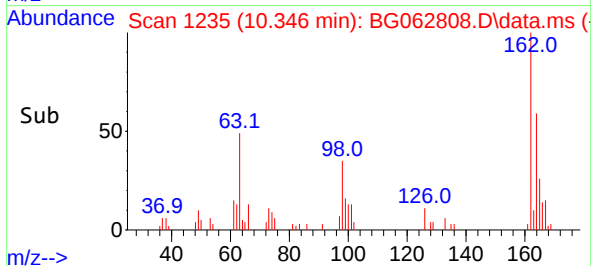
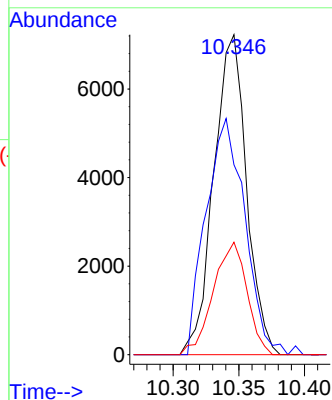
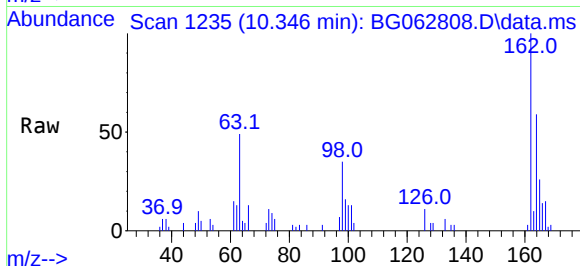
Tgt Ion:162	Resp:	12540
Ion Ratio	Lower	Upper
162	100	
164	59.3	51.9 77.9
98	35.2	23.8 35.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#30

Naphthalene

Concen: 4.388 ng/ul

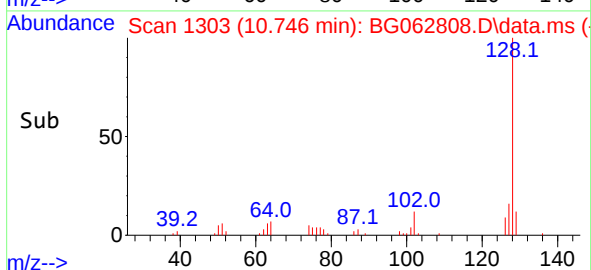
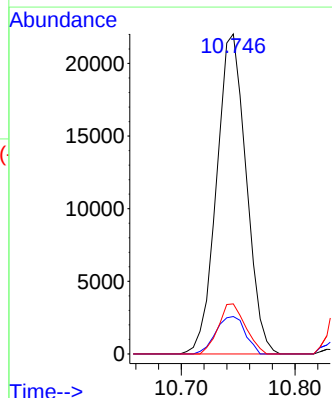
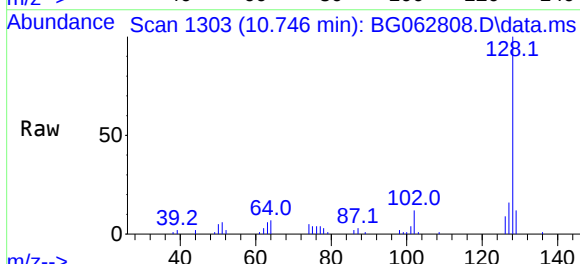
RT: 10.746 min Scan# 1303

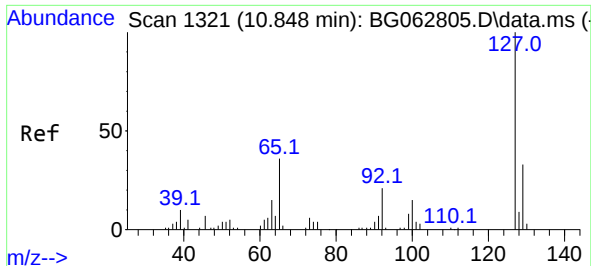
Delta R.T. -0.003 min

Lab File: BG062808.D

Acq: 14 Sep 2024 12:46

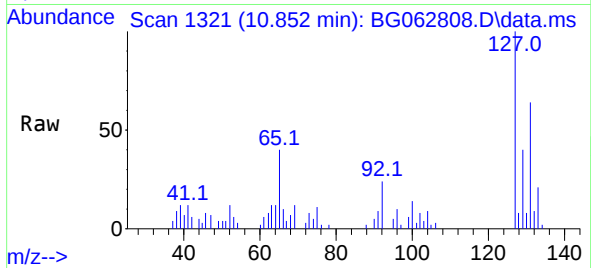
Tgt Ion:128	Resp:	39825
Ion Ratio	Lower	Upper
128	100	
129	11.7	9.0 13.6
127	15.7	10.7 16.1





#32
4-Chloroaniline
Concen: 3.915 ng/ul
RT: 10.852 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

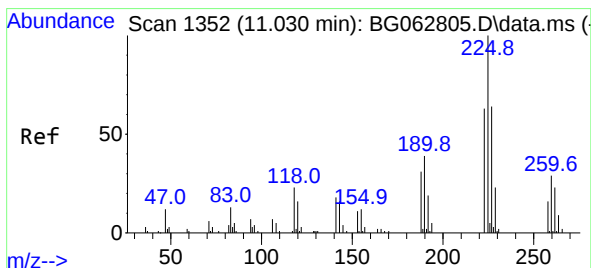
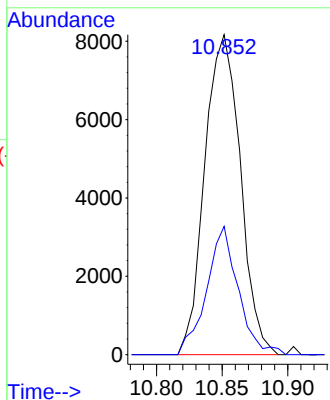
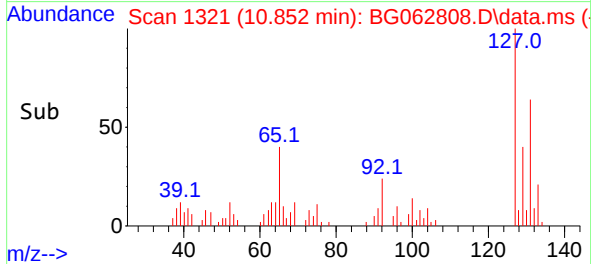
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



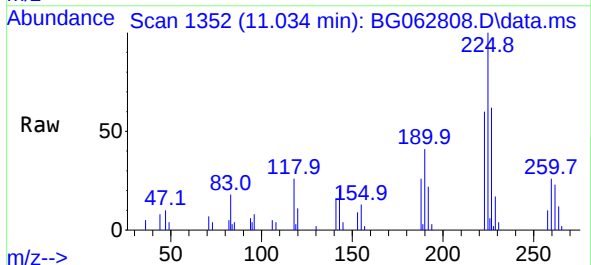
Tgt Ion:127 Resp: 1542
Ion Ratio Lower Upper
127 100
129 40.1 25.8 38.8

Manual Integrations
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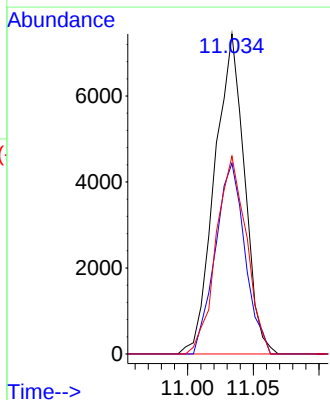
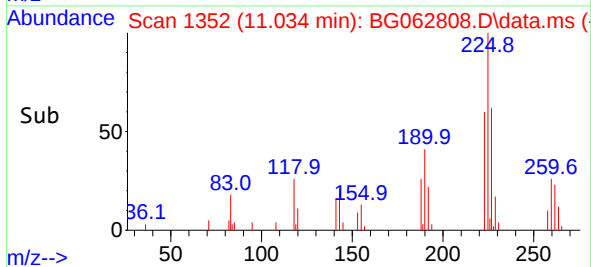
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

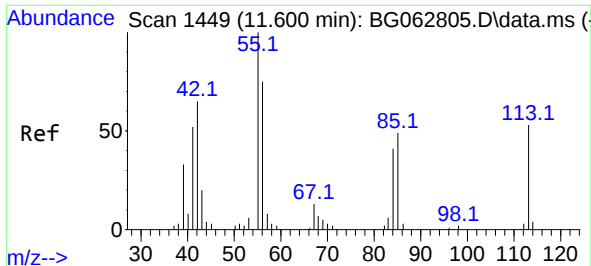


#33
Hexachlorobutadiene
Concen: 4.971 ng/ul
RT: 11.034 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



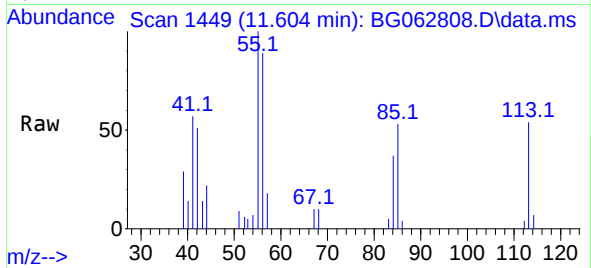
Tgt Ion:225 Resp: 11752
Ion Ratio Lower Upper
225 100
223 59.6 52.3 78.5
227 61.8 56.4 84.6





#34
Caprolactam
Concen: 6.316 ng/ul
RT: 11.604 min Scan# 1449
Delta R.T. 0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

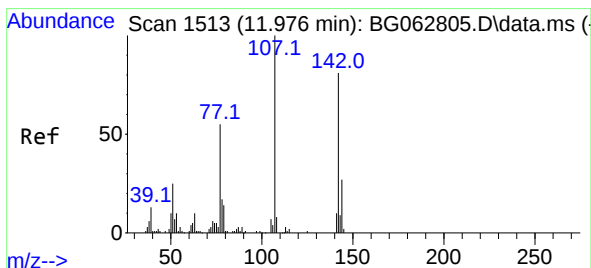
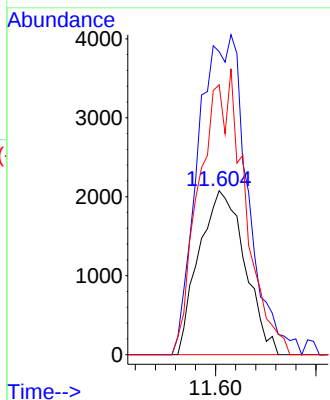
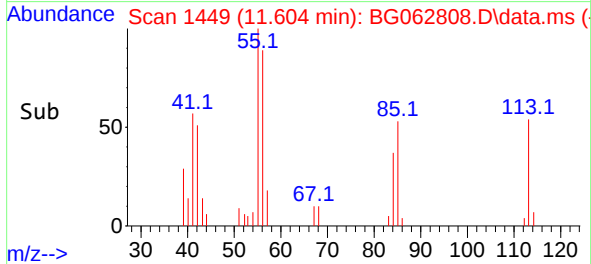
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



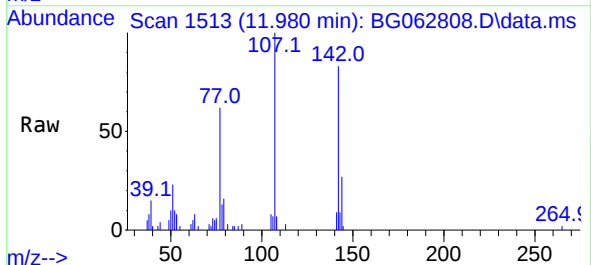
Tgt Ion:113 Resp: 6600
Ion Ratio Lower Upper
113 100
55 184.8 150.8 226.2
56 164.5 125.0 187.6

Manual Integrations
APPROVED

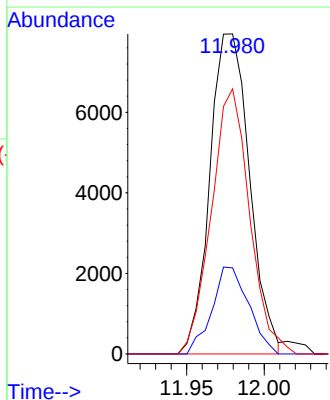
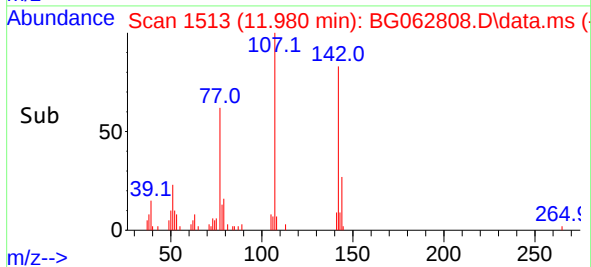
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

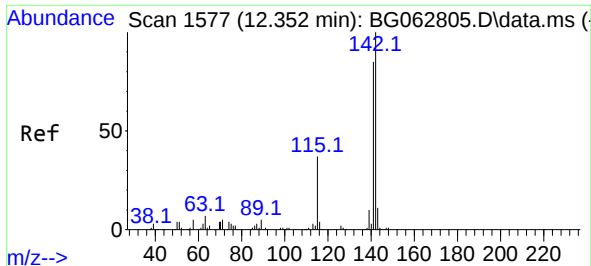


#35
4-Chloro-3-methylphenol
Concen: 4.565 ng/ul
RT: 11.980 min Scan# 1513
Delta R.T. 0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



Tgt Ion:107 Resp: 14131
Ion Ratio Lower Upper
107 100
144 29.1 21.8 32.6
142 82.8 64.8 97.2





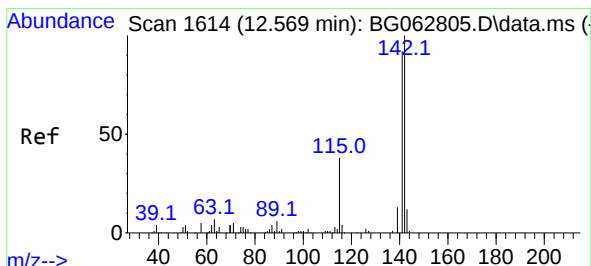
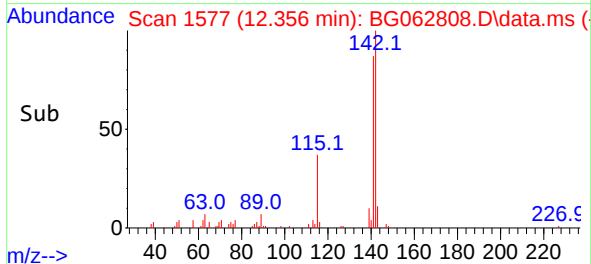
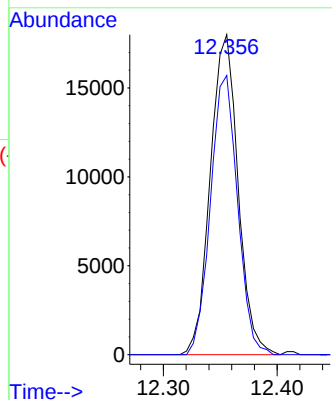
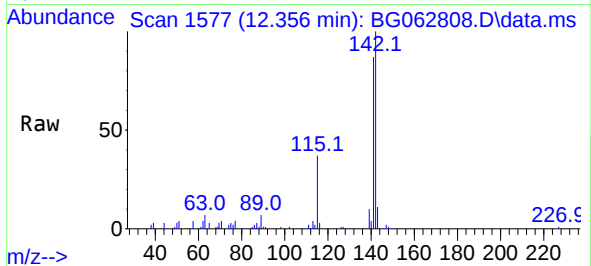
#36
2-Methylnaphthalene
Concen: 4.561 ng/ul
RT: 12.356 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:142 Resp: 30548
Ion Ratio Lower Upper
142 100
141 87.2 73.4 110.2

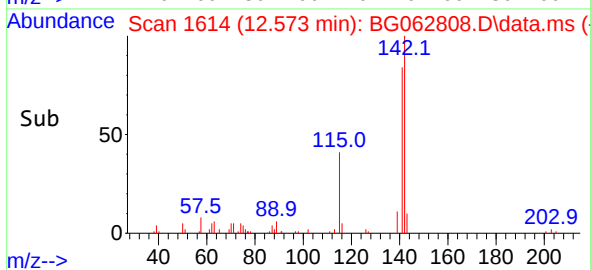
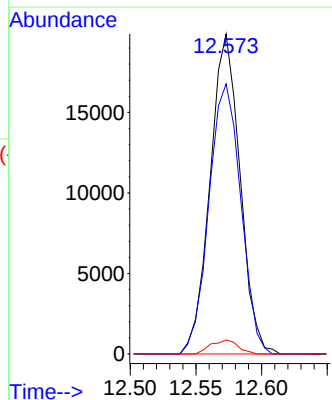
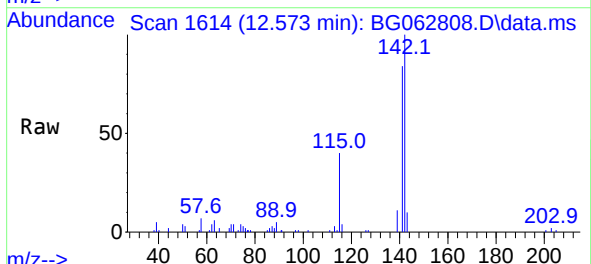
Manual Integrations
APPROVED

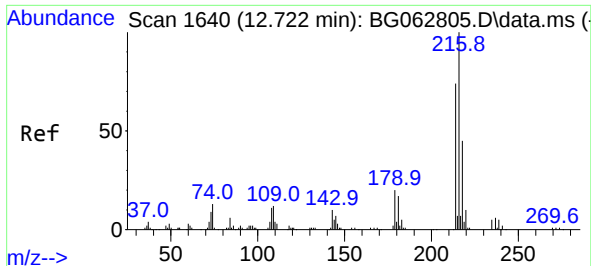
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#37
1-Methylnaphthalene
Concen: 4.586 ng/ul
RT: 12.573 min Scan# 1614
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Tgt Ion:142 Resp: 31465
Ion Ratio Lower Upper
142 100
141 84.4 71.1 106.7
116 4.4 3.0 4.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.505 ng/ul

RT: 12.720 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG062808.D

Acq: 14 Sep 2024 12:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT3-2024-06

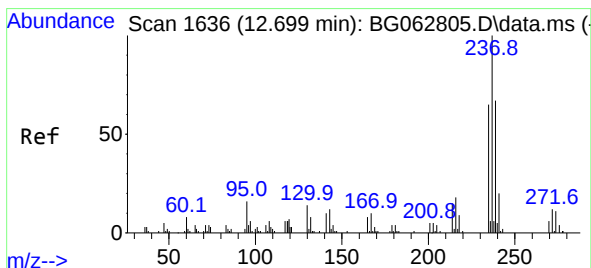
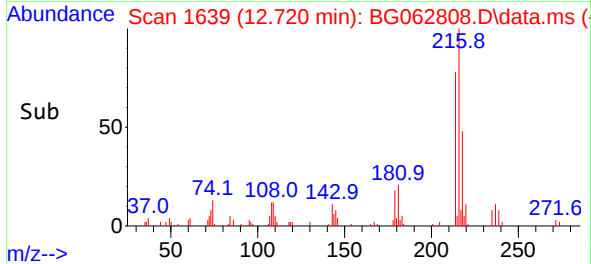
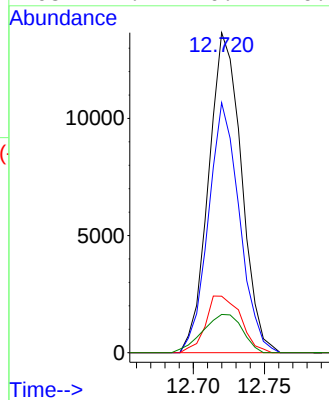
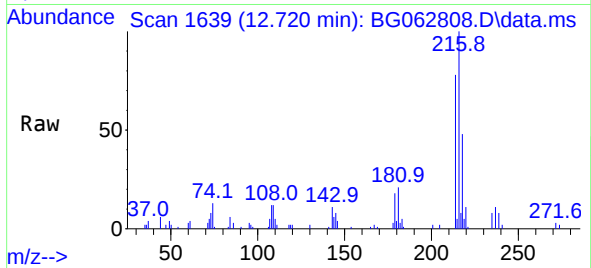
Tgt Ion:	216	Resp:	2188
Ion Ratio	Lower	Upper	
216	100		
214	83.1	61.8	92.8
179	17.6	13.6	20.4
108	11.9	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#40

Hexachlorocyclopentadiene

Concen: 3.978 ng/ul

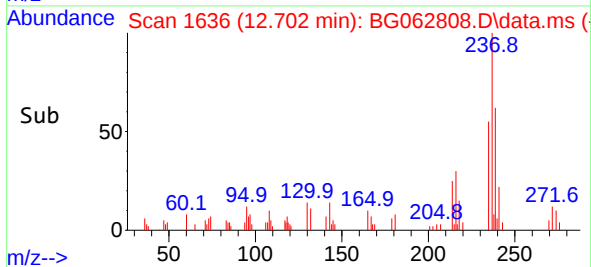
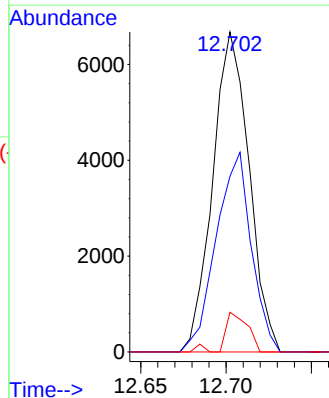
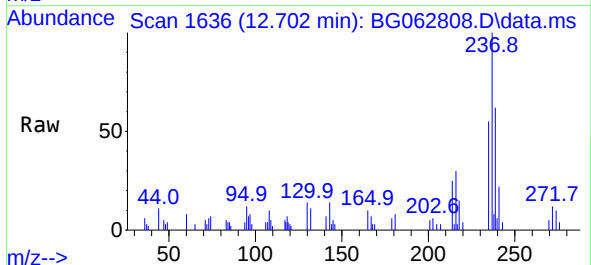
RT: 12.702 min Scan# 1636

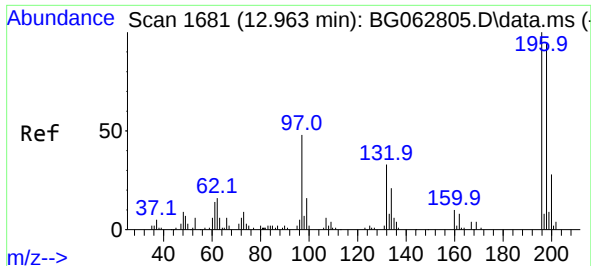
Delta R.T. -0.009 min

Lab File: BG062808.D

Acq: 14 Sep 2024 12:46

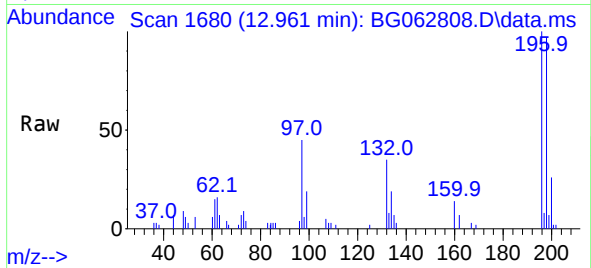
Tgt Ion:	237	Resp:	9890
Ion Ratio	Lower	Upper	
237	100		
235	54.9	47.0	70.6
272	12.4	9.4	14.0





#41
2,4,6-Trichlorophenol
Concen: 4.813 ng/ul
RT: 12.961 min Scan# 1680
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

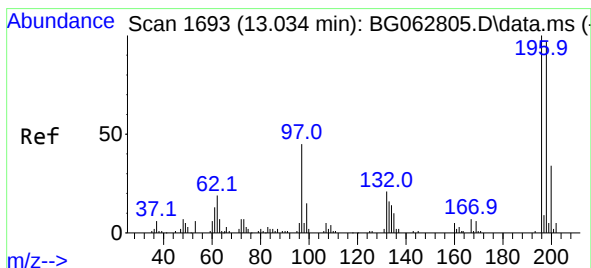
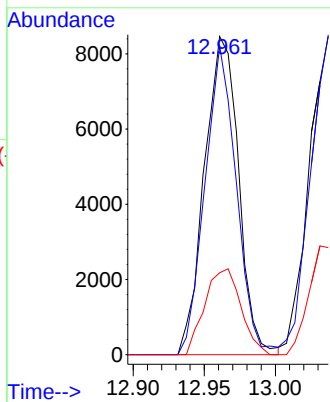
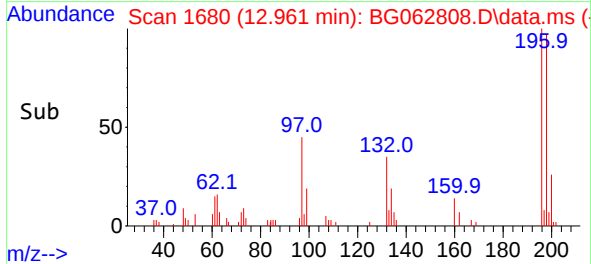
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:196 Resp: 14164
Ion Ratio Lower Upper
196 100
198 97.0 76.2 114.4
200 27.9 26.0 39.0

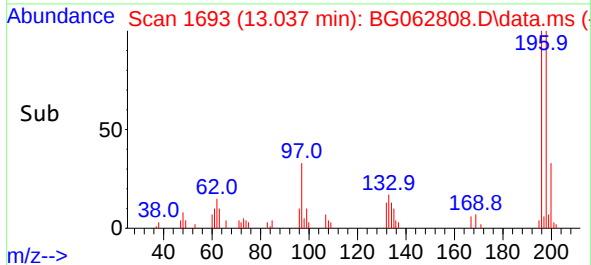
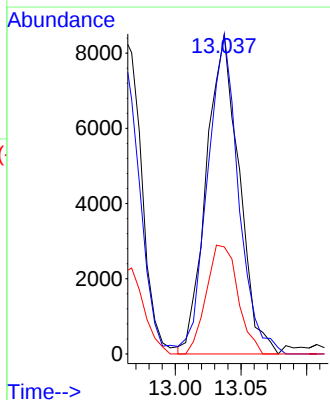
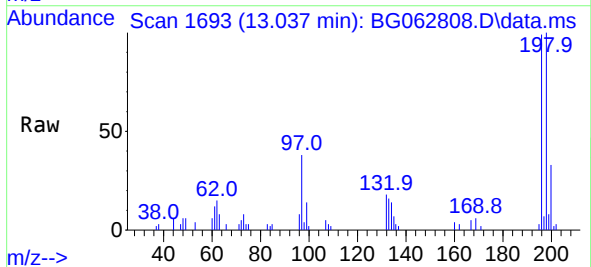
Manual Integrations
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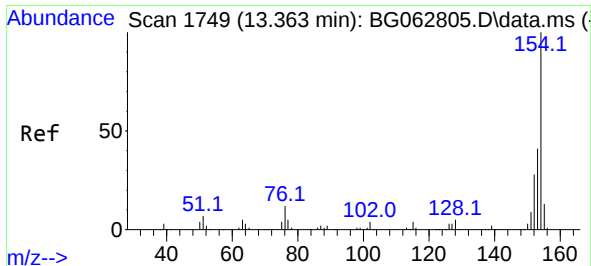
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#42
2,4,5-Trichlorophenol
Concen: 4.653 ng/ul
RT: 13.037 min Scan# 1693
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

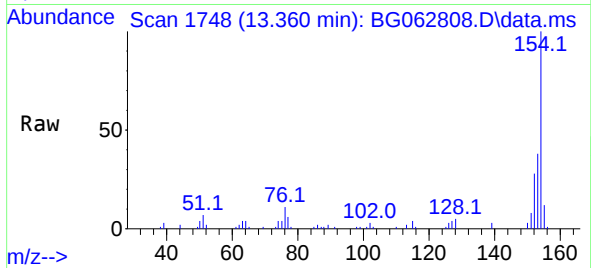
Tgt Ion:196 Resp: 14703
Ion Ratio Lower Upper
196 100
198 100.5 71.2 106.8
200 33.6 24.6 37.0





#43
1,1'-Biphenyl
Concen: 4.416 ng/ul
RT: 13.360 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

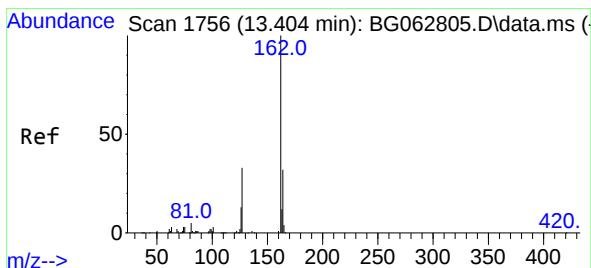
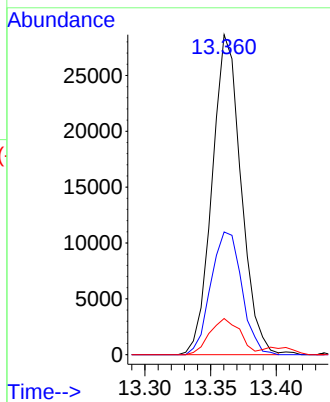
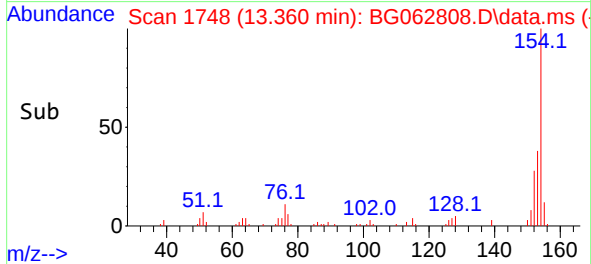
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:154 Resp: 4389
Ion Ratio Lower Upper
154 100
153 38.3 33.4 50.0
76 11.3 10.1 15.1

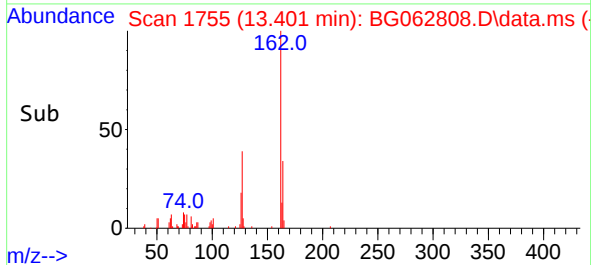
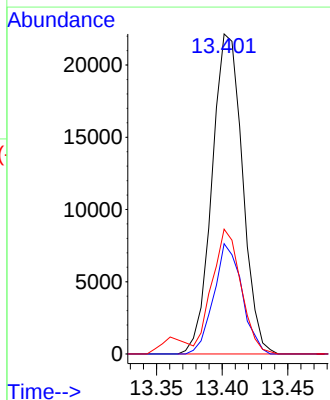
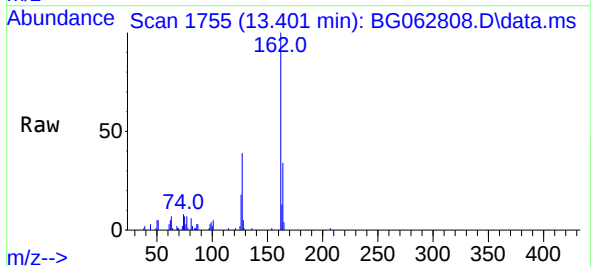
Manual Integrations
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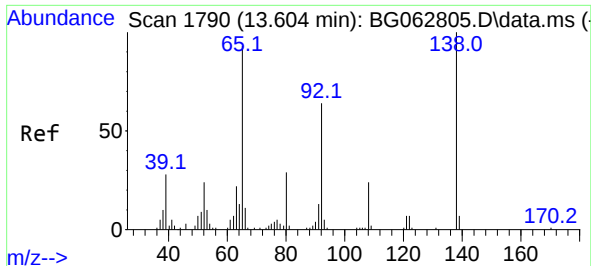
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#44
2-Chloronaphthalene
Concen: 4.423 ng/ul
RT: 13.401 min Scan# 1755
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

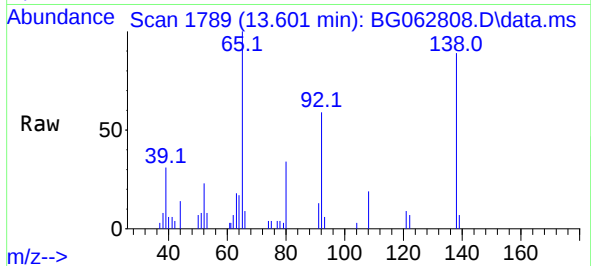
Tgt Ion:162 Resp: 35745
Ion Ratio Lower Upper
162 100
164 34.4 27.1 40.7
127 39.0 28.5 42.7





#45
2-Nitroaniline
Concen: 4.108 ng/ul
RT: 13.601 min Scan# 1790
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

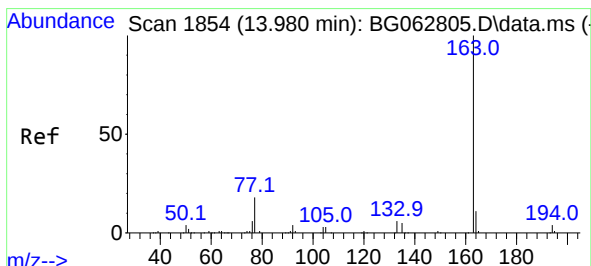
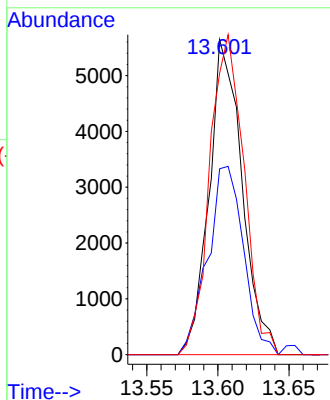
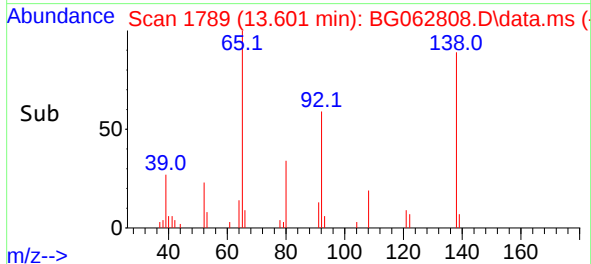
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 65 Resp: 9109
Ion Ratio Lower Upper
65 100
92 59.0 55.0 82.4
138 89.4 80.0 120.0

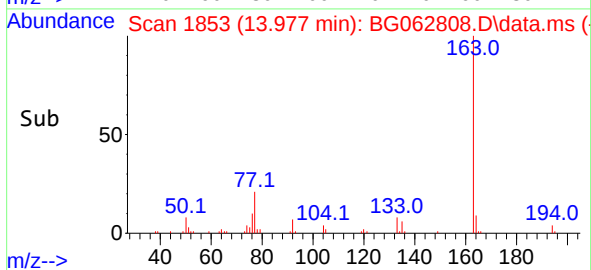
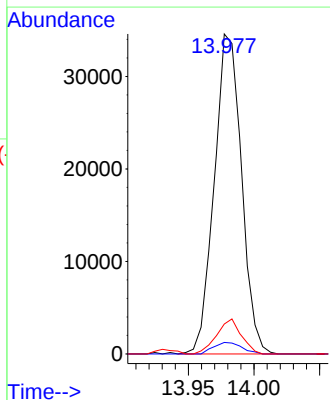
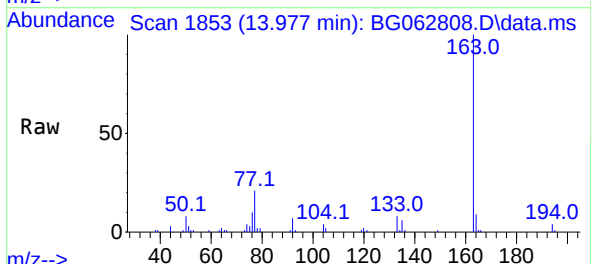
Manual Integrations
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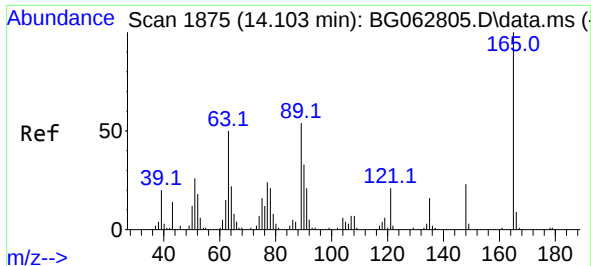
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#47
Dimethylphthalate
Concen: 4.453 ng/ul
RT: 13.977 min Scan# 1853
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

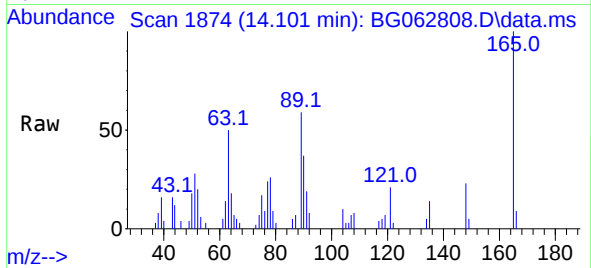
Tgt Ion:163 Resp: 49904
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.4 8.3 12.5





#48
2,6-Dinitrotoluene
Concen: 4.223 ng/ul
RT: 14.101 min Scan# 1875
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

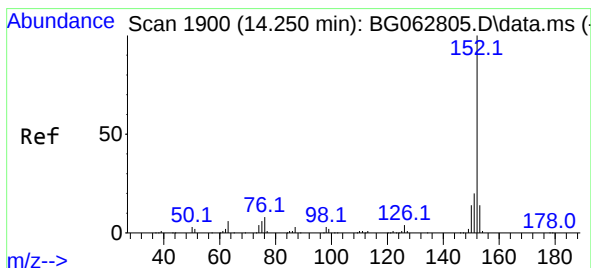
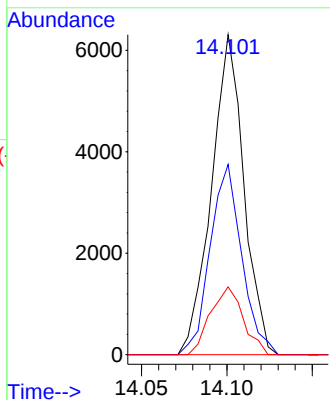
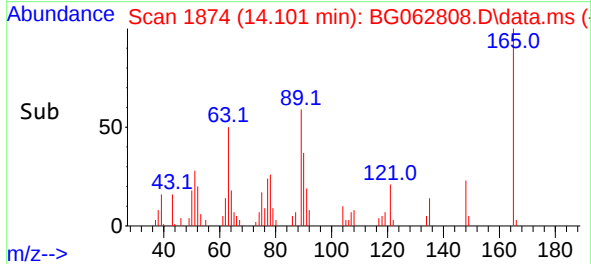
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:165 Resp: 8339
Ion Ratio Lower Upper
165 100
89 59.4 47.4 71.0
121 21.2 17.0 25.6

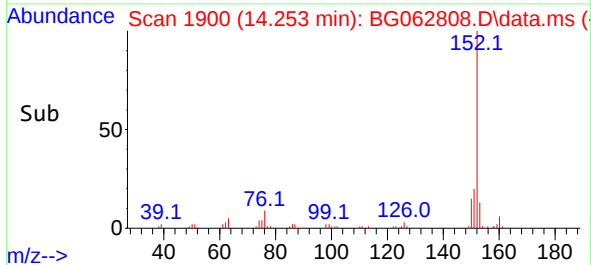
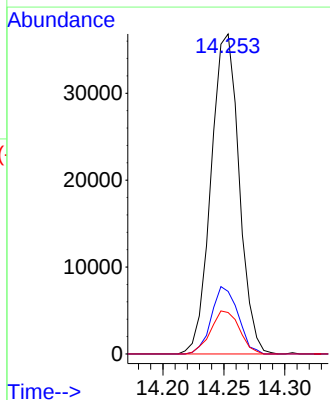
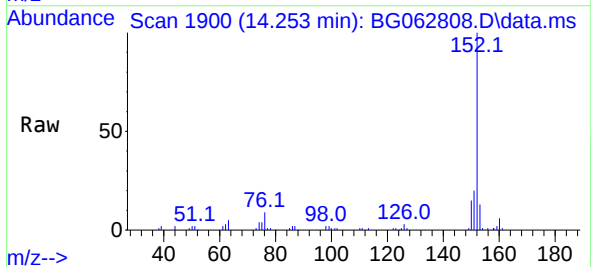
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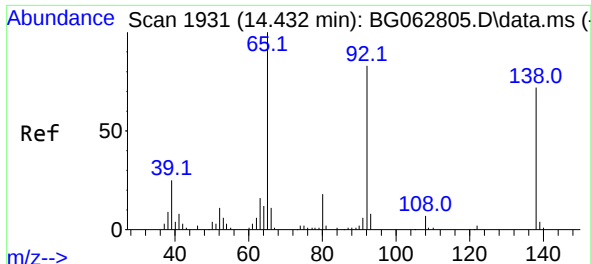
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#50
Acenaphthylene
Concen: 4.626 ng/ul
RT: 14.253 min Scan# 1900
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

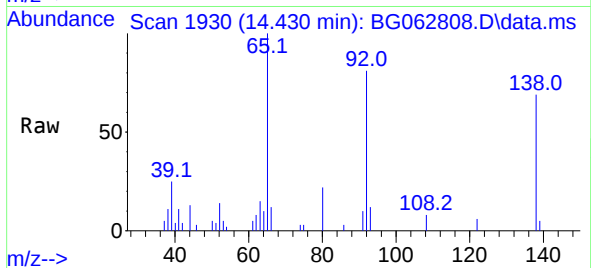
Tgt Ion:152 Resp: 59029
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.0 10.2 15.2





#51
3-Nitroaniline
Concen: 4.140 ng/ul
RT: 14.430 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

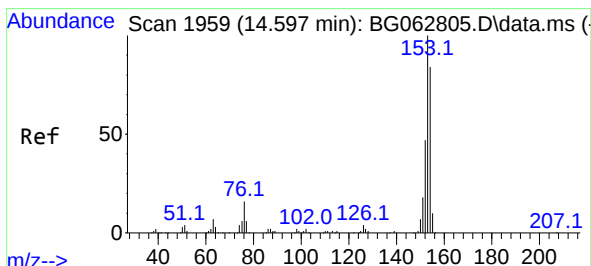
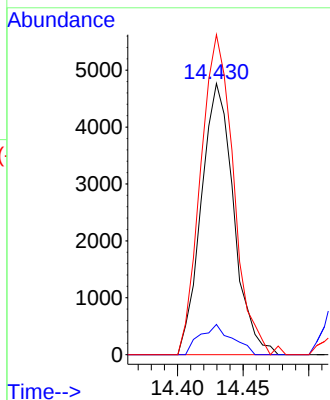
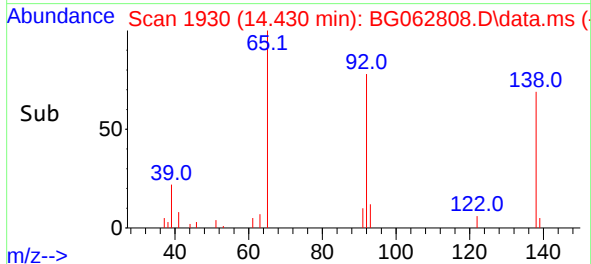
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:138 Resp: 818
Ion Ratio Lower Upper
138 100
108 11.1 7.7 11.5
92 118.0 92.6 138.8

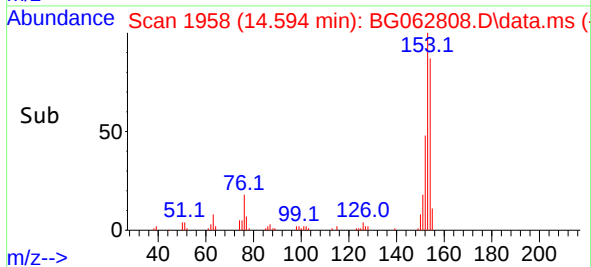
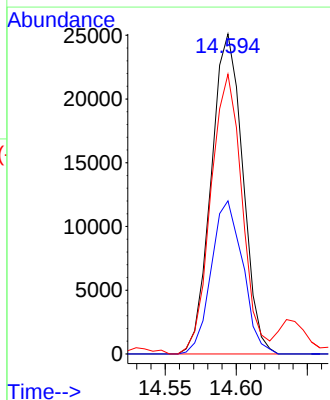
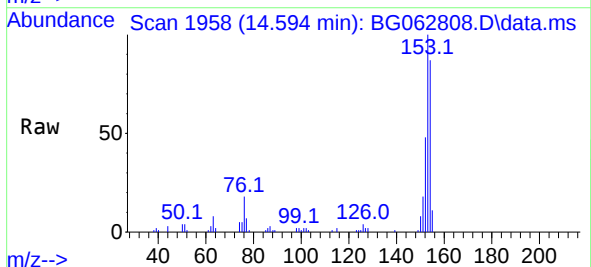
Manual Integrations
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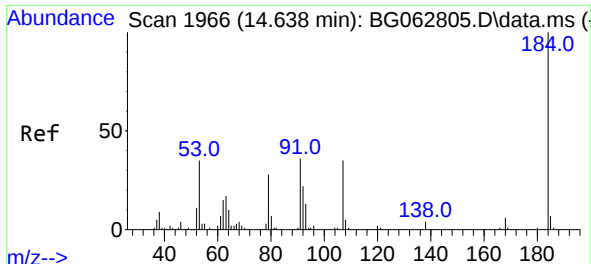
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#52
Acenaphthene
Concen: 4.297 ng/ul
RT: 14.594 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

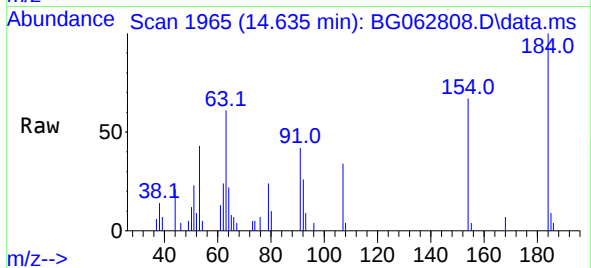
Tgt Ion:153 Resp: 38836
Ion Ratio Lower Upper
153 100
152 47.8 37.2 55.8
154 87.4 67.8 101.6





#53
2,4-Dinitrophenol
Concen: 4.933 ng/ul
RT: 14.635 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

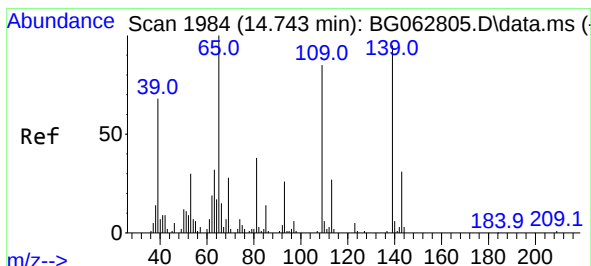
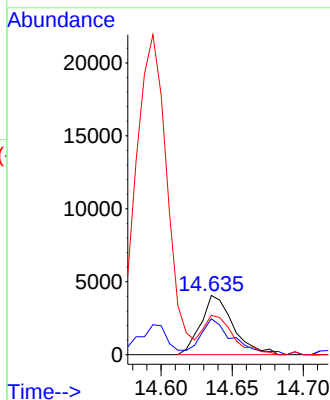
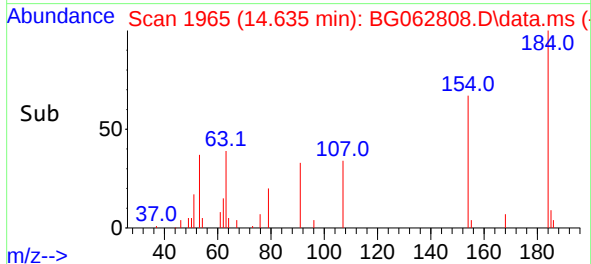
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



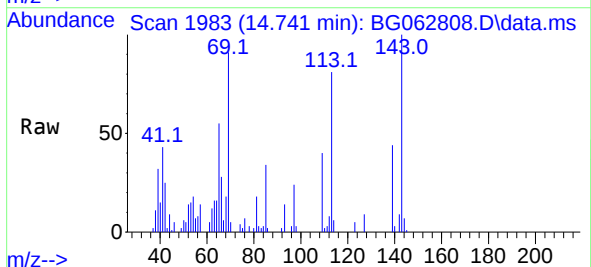
Tgt Ion:184 Resp: 6432
Ion Ratio Lower Upper
184 100
63 60.7 49.0 73.4
154 66.6 50.4 75.6

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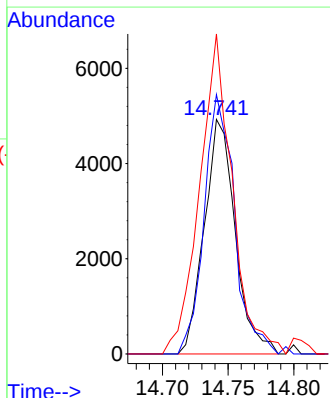
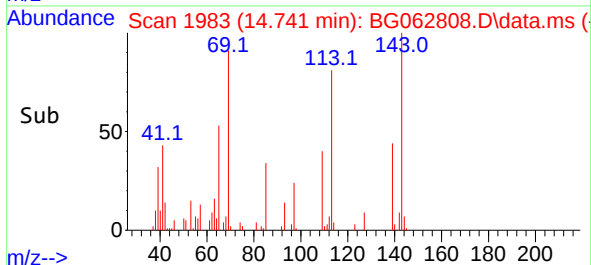
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

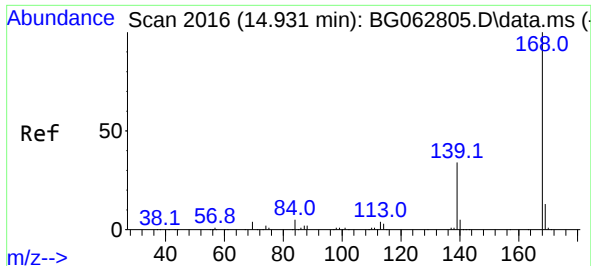


#55
4-Nitrophenol
Concen: 4.876 ng/ul
RT: 14.741 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



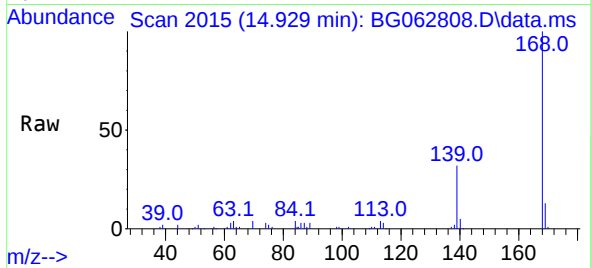
Tgt Ion:109 Resp: 8103
Ion Ratio Lower Upper
109 100
139 110.6 92.5 138.7
65 136.4 97.8 146.8





#56
Dibenzenofuran
Concen: 4.281 ng/ul
RT: 14.929 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

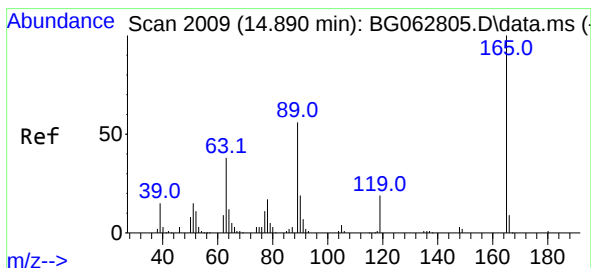
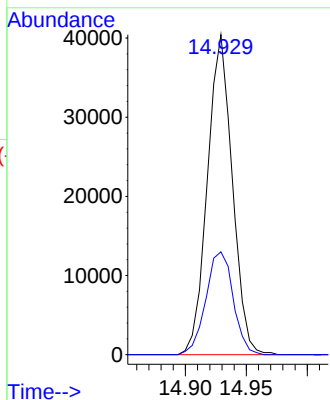
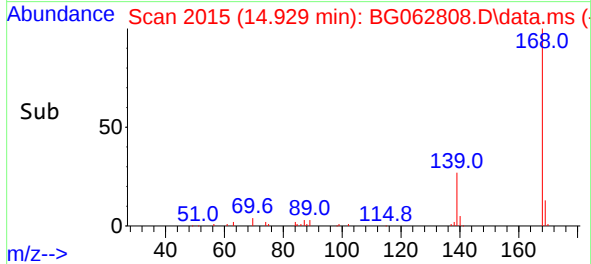
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:168 Resp: 57478
Ion Ratio Lower Upper
168 100
139 32.2 27.6 41.4

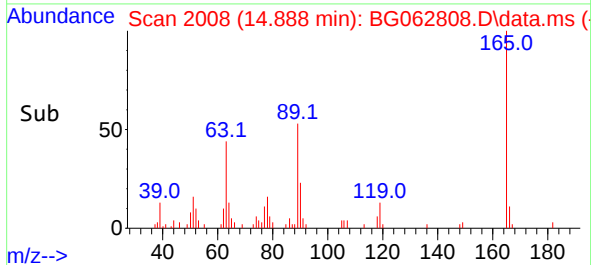
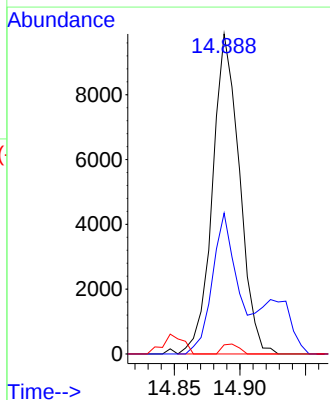
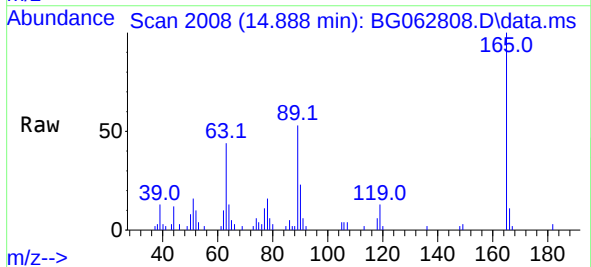
Manual Integrations
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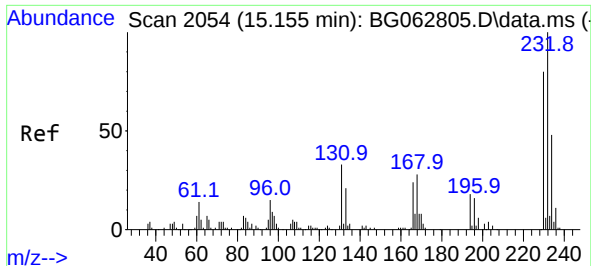
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#57
2,4-Dinitrotoluene
Concen: 4.567 ng/ul
RT: 14.888 min Scan# 2008
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

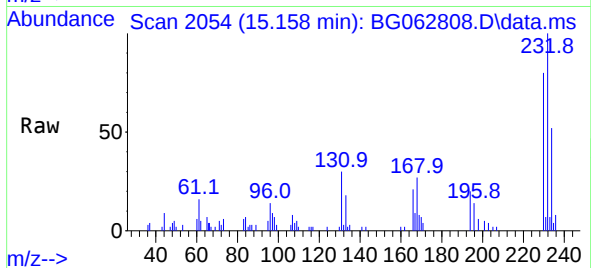
Tgt Ion:165 Resp: 14099
Ion Ratio Lower Upper
165 100
63 44.0 33.8 50.8
182 2.9 2.4 3.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 4.774 ng/ul
RT: 15.158 min Scan# 2054
Delta R.T. 0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

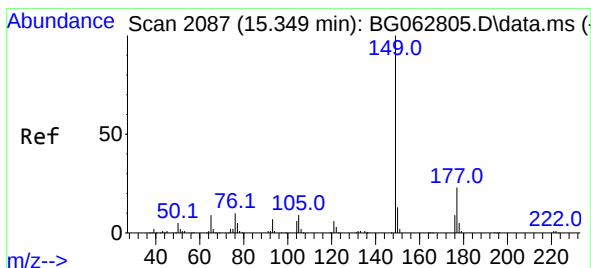
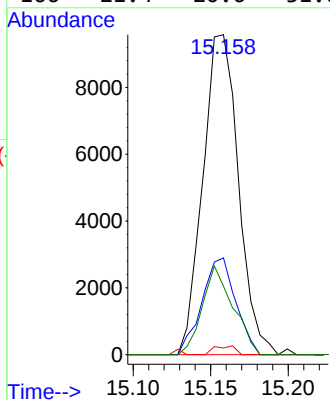
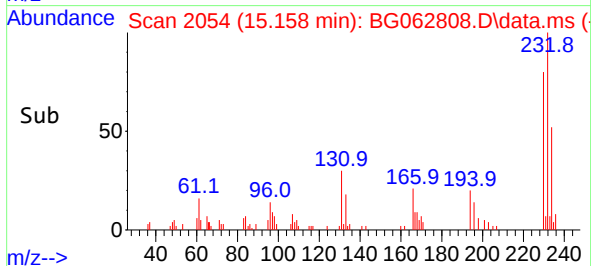
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



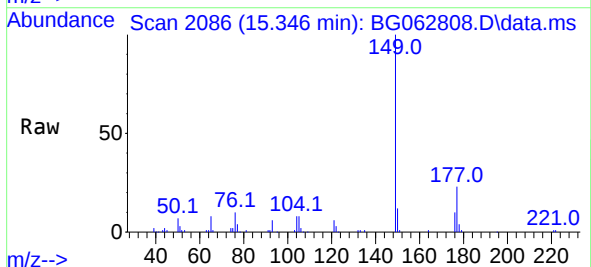
Tgt Ion:232 Resp: 1528
Ion Ratio Lower Upper
232 100
131 30.3 26.6 40.0
130 2.1 1.6 2.4
166 21.4 20.6 31.0

Manual Integrations
APPROVED

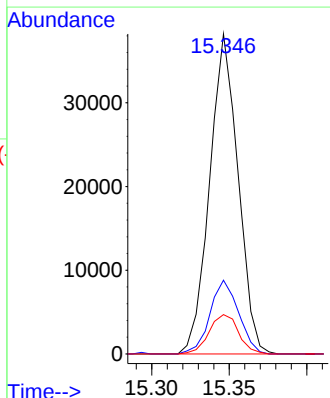
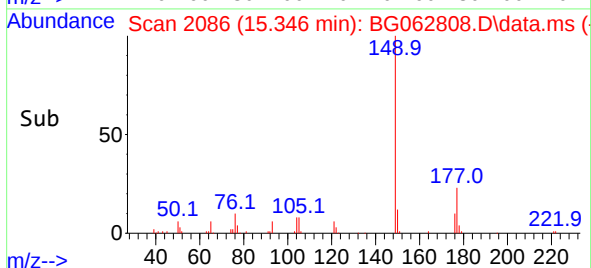
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

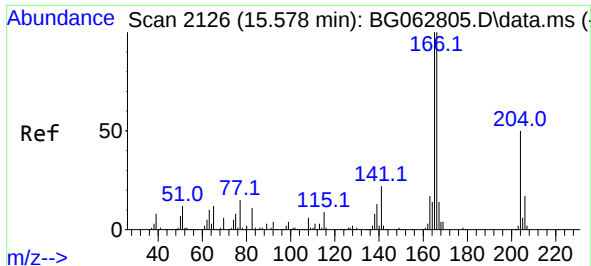


#59
Diethylphthalate
Concen: 4.404 ng/ul
RT: 15.346 min Scan# 2086
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



Tgt Ion:149 Resp: 48690
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.3 9.7 14.5





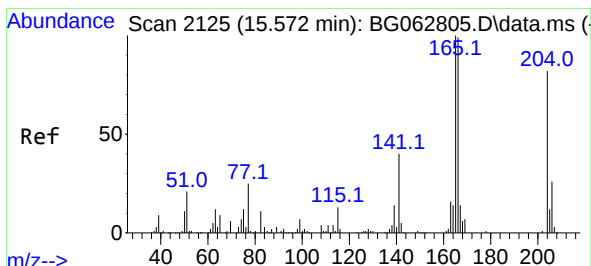
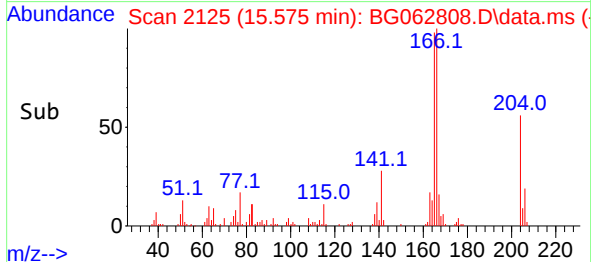
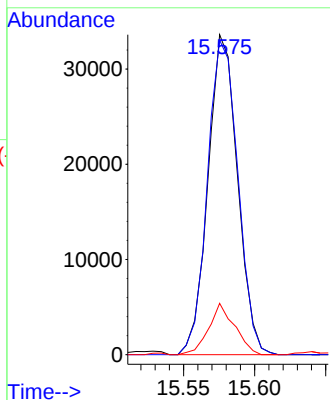
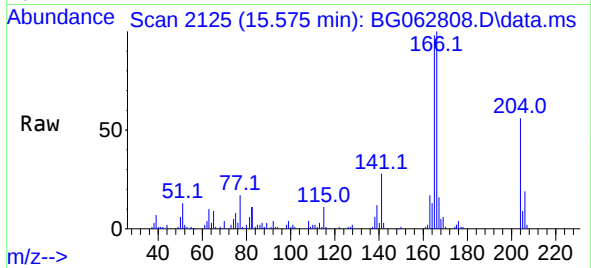
#61
Fluorene
Concen: 4.603 ng/ul
RT: 15.575 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:166 Resp: 48554
Ion Ratio Lower Upper
166 100
165 98.3 80.9 121.3
167 16.0 10.9 16.3

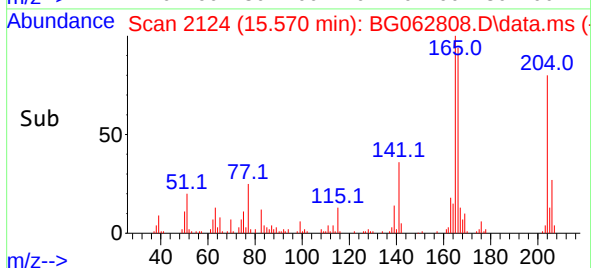
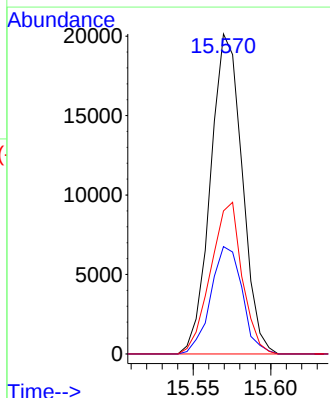
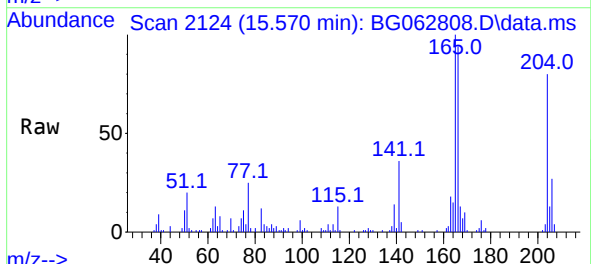
Manual Integrations
APPROVED

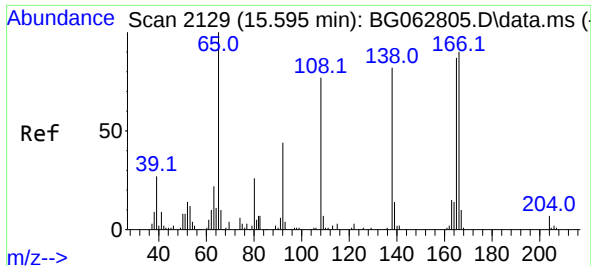
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#62
4-Chlorophenyl-phenylether
Concen: 4.620 ng/ul
RT: 15.570 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

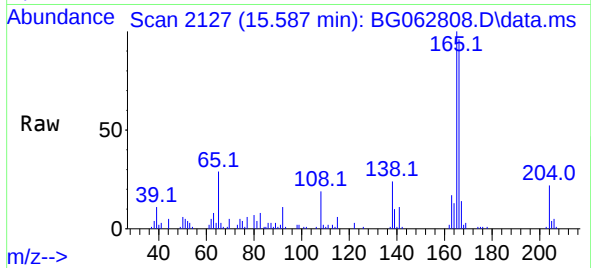
Tgt Ion:204 Resp: 28583
Ion Ratio Lower Upper
204 100
206 33.6 25.3 37.9
141 44.7 37.4 56.0





#63
4-Nitroaniline
Concen: 3.983 ng/ul
RT: 15.587 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

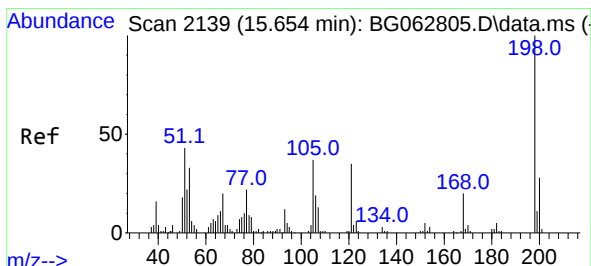
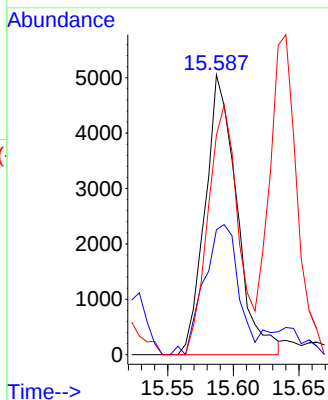
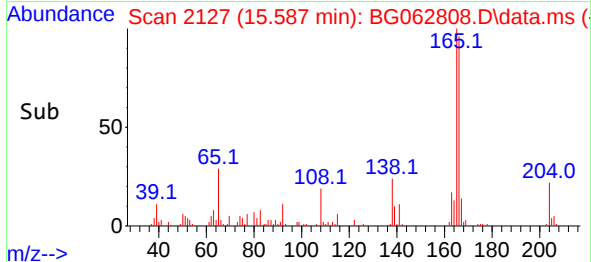
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



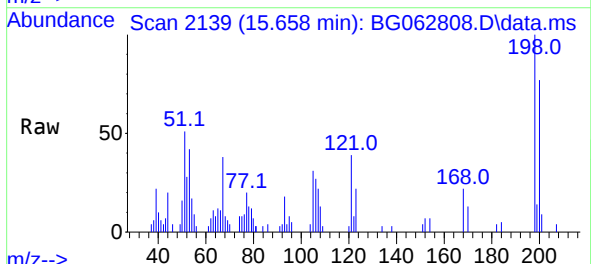
Tgt Ion:138 Resp: 8472
Ion Ratio Lower Upper
138 100
92 44.6 42.8 64.2
108 78.4 71.0 106.4

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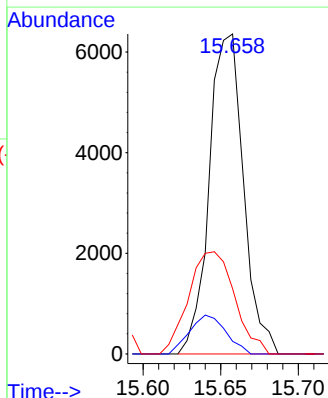
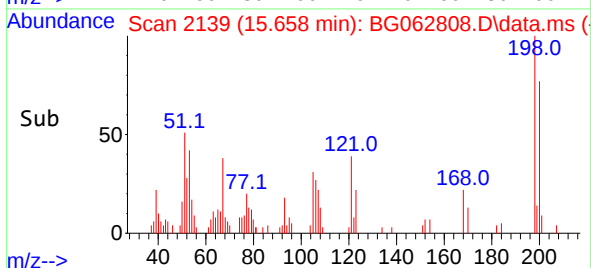
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

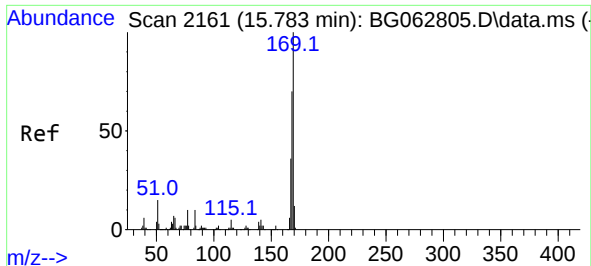


#66
4,6-Dinitro-2-methylphenol
Concen: 4.238 ng/ul
RT: 15.658 min Scan# 2139
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



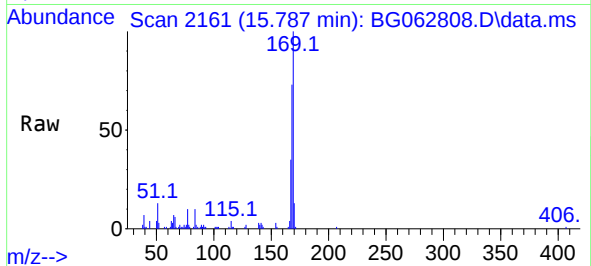
Tgt Ion:198 Resp: 9756
Ion Ratio Lower Upper
198 100
182 4.0 3.3 4.9
77 20.4 15.0 22.6





#67
N-Nitrosodiphenylamine
Concen: 4.126 ng/ul
RT: 15.787 min Scan# 2161
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

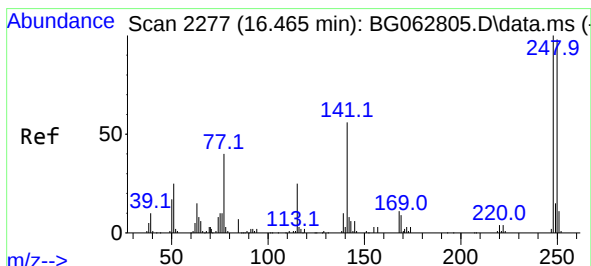
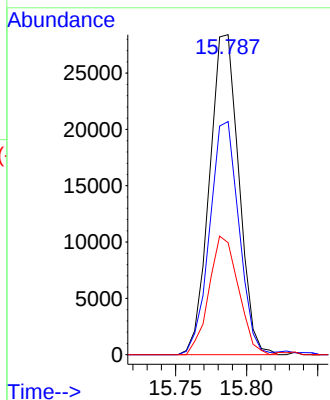
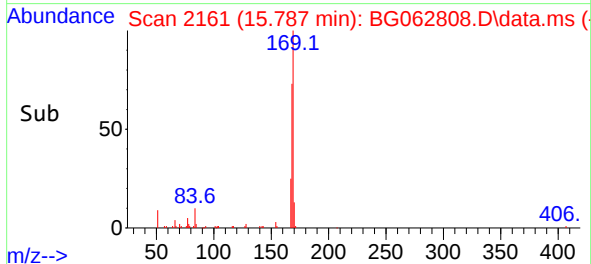
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



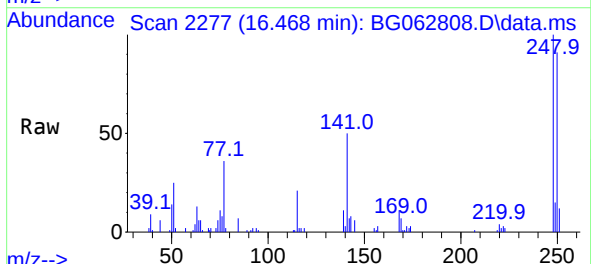
Tgt Ion:169 Resp: 40852
Ion Ratio Lower Upper
169 100
168 72.8 55.7 83.5
167 35.0 28.9 43.3

Manual Integrations
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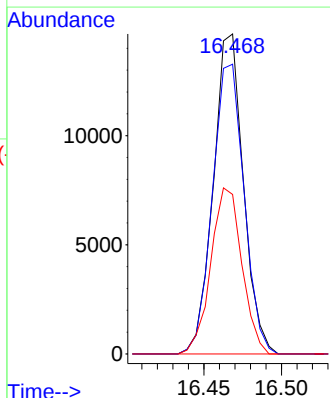
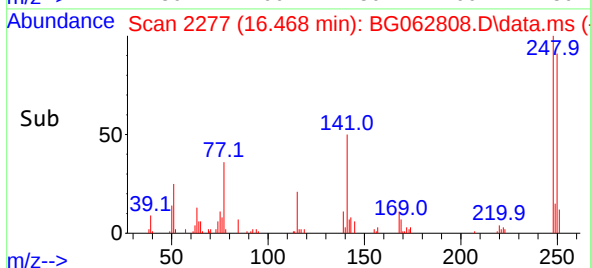
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

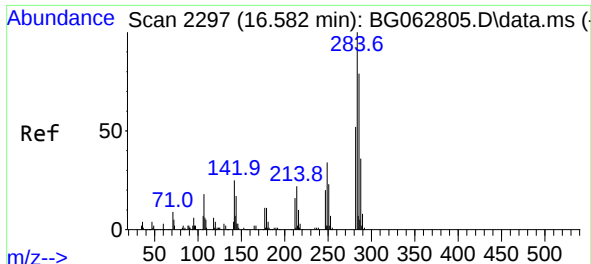


#68
4-Bromophenyl-phenylether
Concen: 4.455 ng/ul
RT: 16.468 min Scan# 2277
Delta R.T. 0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



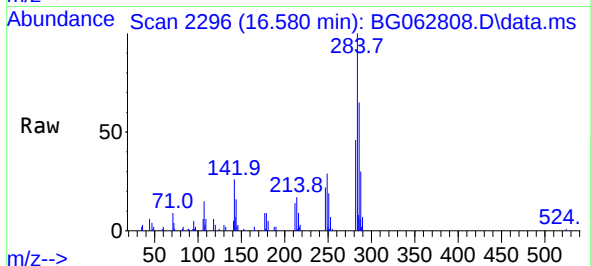
Tgt Ion:248 Resp: 19791
Ion Ratio Lower Upper
248 100
250 90.6 77.9 116.9
141 49.9 47.9 71.9





#69
Hexachlorobenzene
Concen: 4.607 ng/ul
RT: 16.580 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

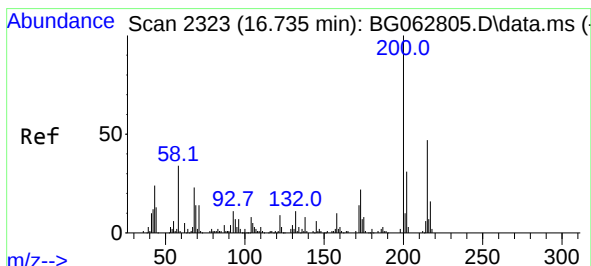
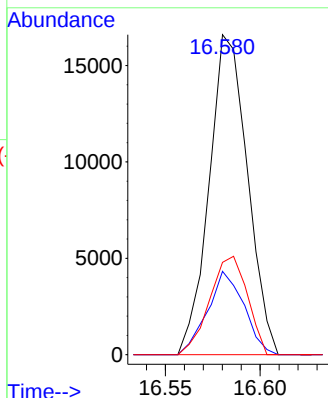
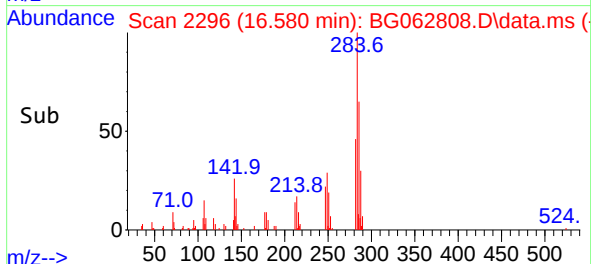
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:284 Resp: 2336
Ion Ratio Lower Upper
284 100
142 26.1 18.6 27.8
249 28.9 23.7 35.5

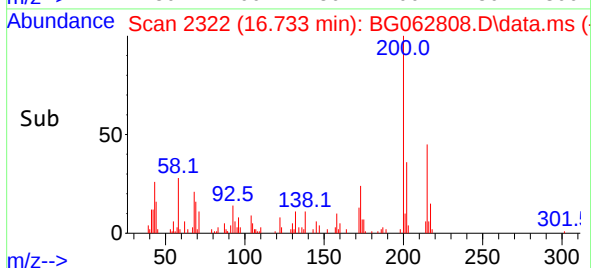
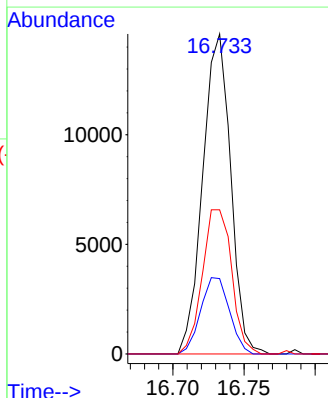
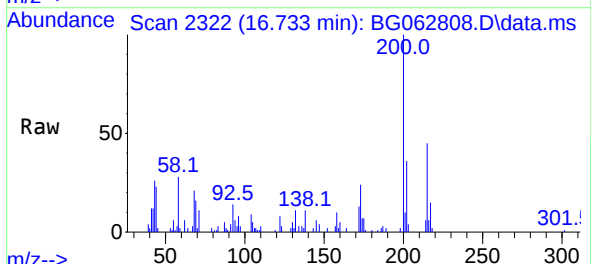
Manual Integrations
APPROVED

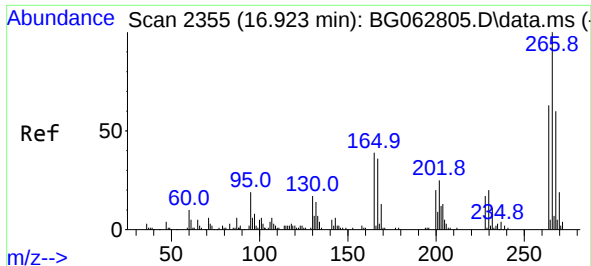
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#70
Atrazine
Concen: 4.519 ng/ul
RT: 16.733 min Scan# 2322
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

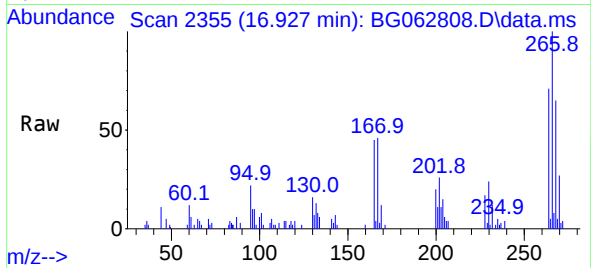
Tgt Ion:200 Resp: 19927
Ion Ratio Lower Upper
200 100
173 23.5 18.6 27.8
215 45.0 37.6 56.4





#71
Pentachlorophenol
Concen: 5.675 ng/u1
RT: 16.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

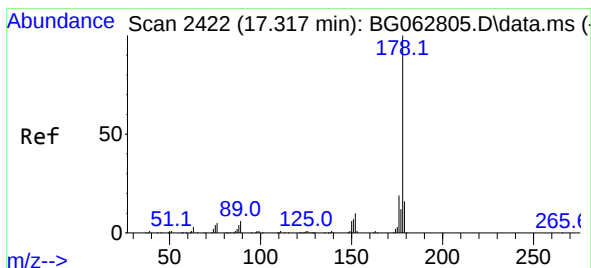
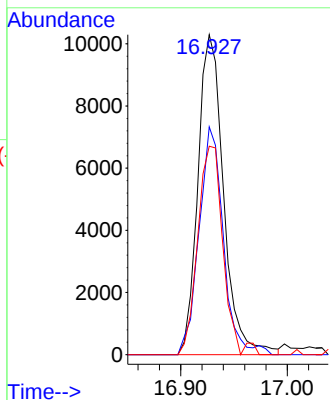
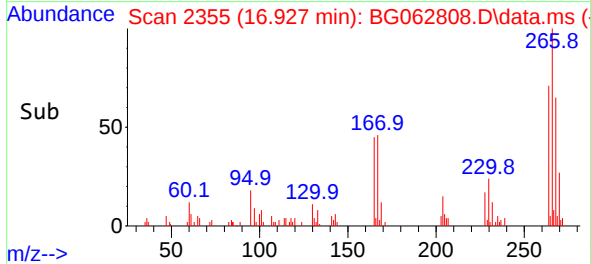
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



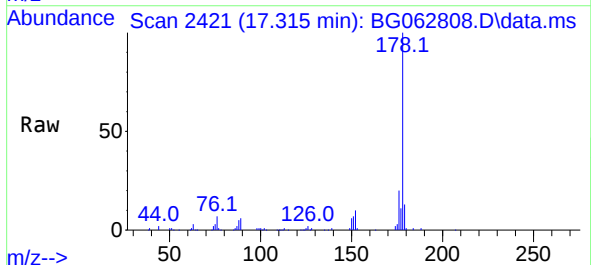
Tgt Ion:266 Resp: 1721
Ion Ratio Lower Upper
266 100
264 75.9 48.6 72.8
268 69.9 49.5 74.3

Manual Integrations
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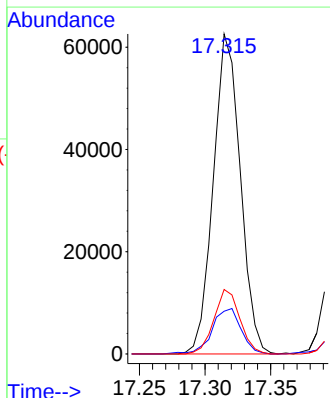
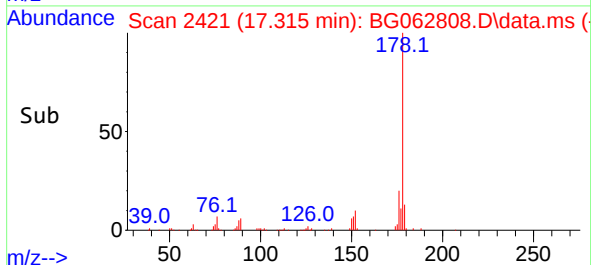
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

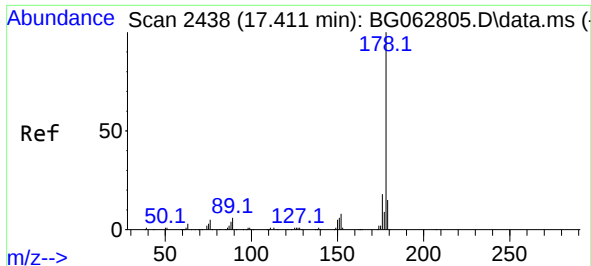


#72
Phenanthrene
Concen: 4.457 ng/u1
RT: 17.315 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



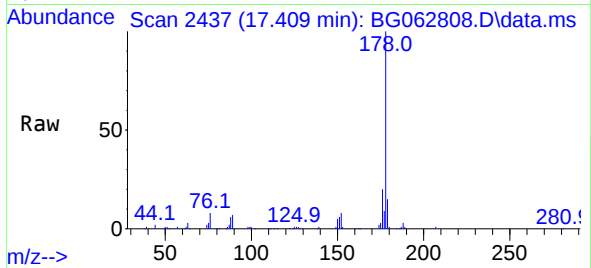
Tgt Ion:178 Resp: 89473
Ion Ratio Lower Upper
178 100
179 13.3 12.1 18.1
176 20.1 14.9 22.3





#74
 Anthracene
 Concen: 3.911 ng/ul
 RT: 17.409 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BG062808.D
 Acq: 14 Sep 2024 12:46

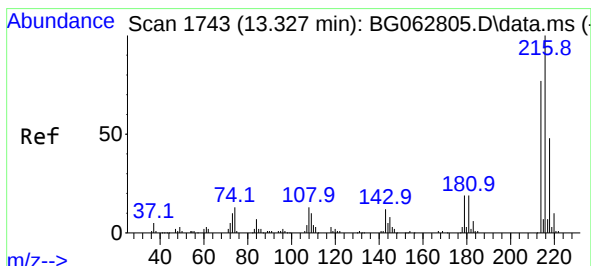
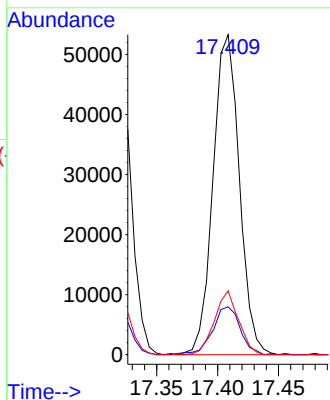
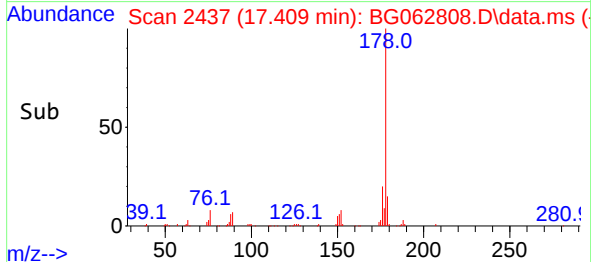
Instrument : BNA_G
 ClientSampleId :
 MDL-SOIL-QT3-2024-06



Tgt Ion:178 Resp: 8004
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.4 18.6
 176 19.9 14.4 21.6

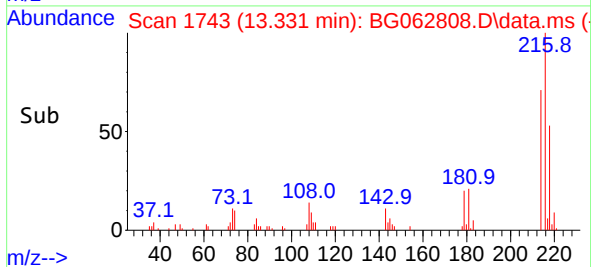
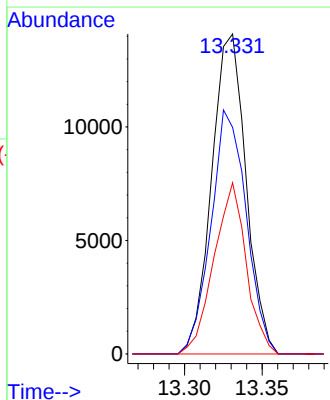
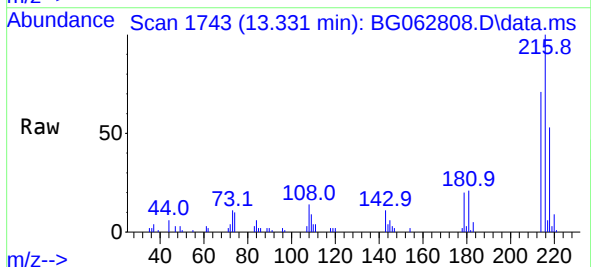
Manual Integrations
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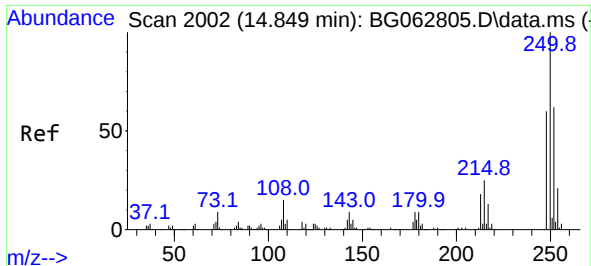
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.123 ng/ul
 RT: 13.331 min Scan# 1743
 Delta R.T. -0.003 min
 Lab File: BG062808.D
 Acq: 14 Sep 2024 12:46

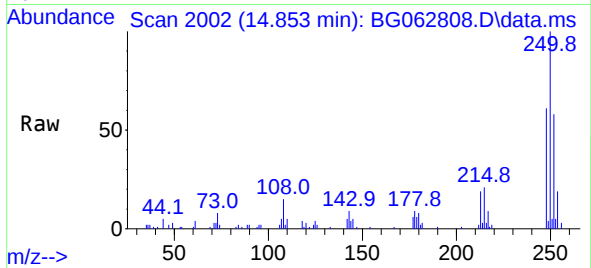
Tgt Ion:216 Resp: 21736
 Ion Ratio Lower Upper
 216 100
 214 70.8 61.5 92.3
 218 53.5 38.0 57.0





#76
Pentachlorobenzene
Concen: 4.440 ng/ul
RT: 14.853 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

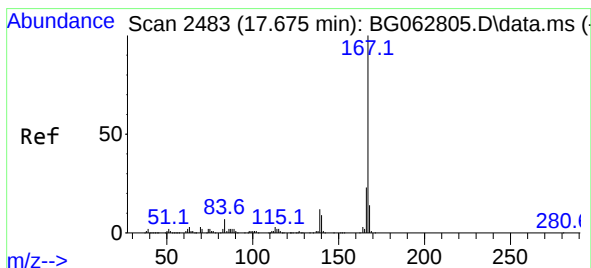
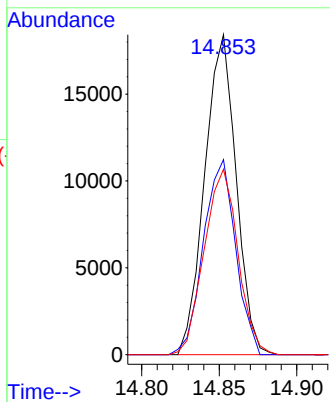
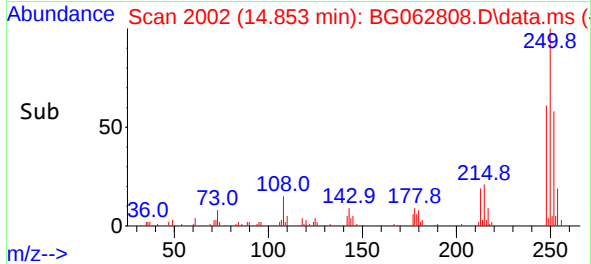
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



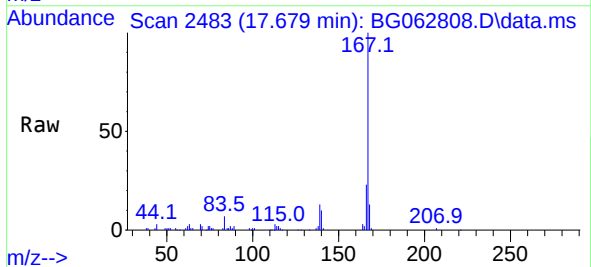
Tgt Ion:250 Resp: 25940
Ion Ratio Lower Upper
250 100
248 60.9 51.5 77.3
252 62.6 50.8 76.2

Manual Integrations
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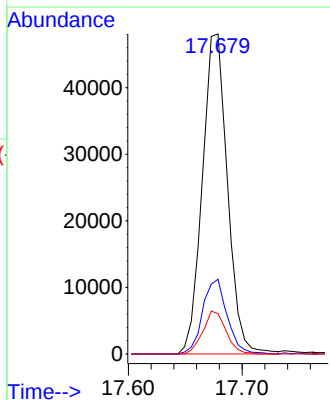
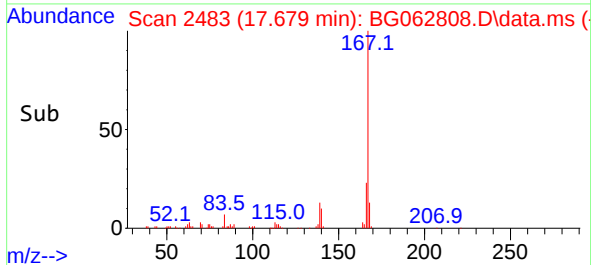
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

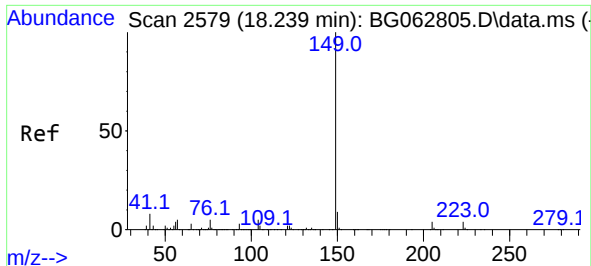


#77
Carbazole
Concen: 4.356 ng/ul
RT: 17.679 min Scan# 2483
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



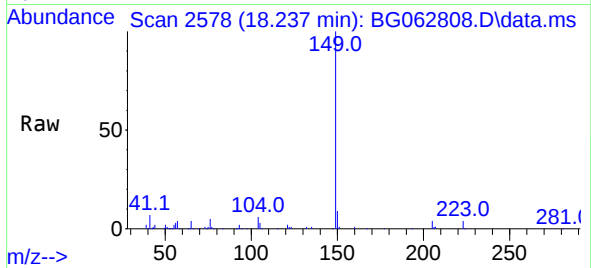
Tgt Ion:167 Resp: 73931
Ion Ratio Lower Upper
167 100
166 23.4 17.2 25.8
139 12.6 9.0 13.6





#78
Di-n-butylphthalate
Concen: 4.553 ng/ul
RT: 18.237 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

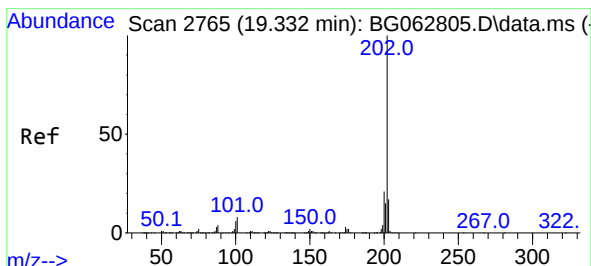
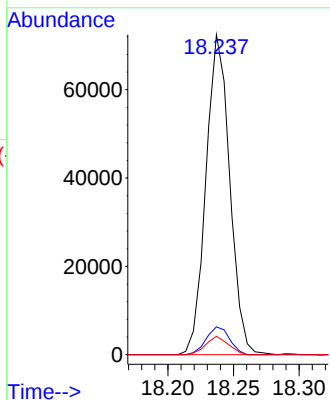
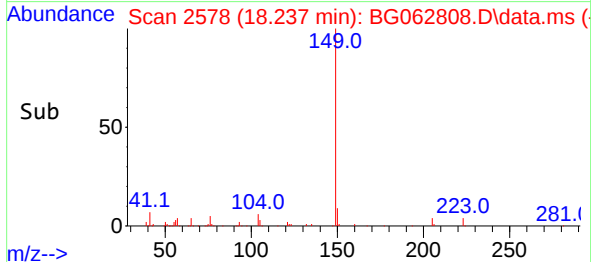
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



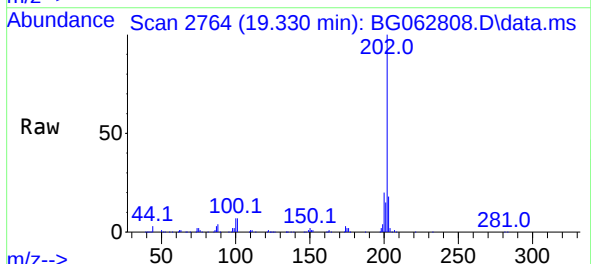
Tgt Ion:149 Resp: 9138
Ion Ratio Lower Upper
149 100
150 8.7 7.0 10.6
104 5.8 4.1 6.1

Manual Integrations
APPROVED

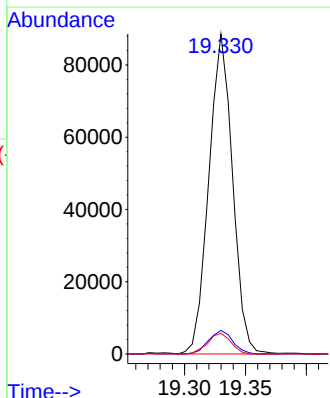
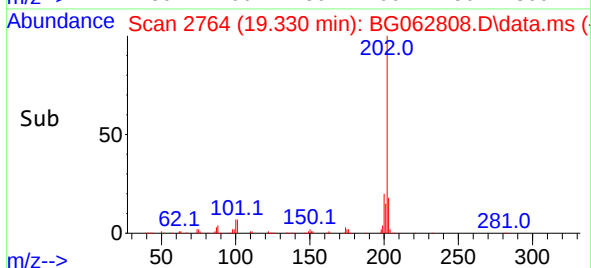
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

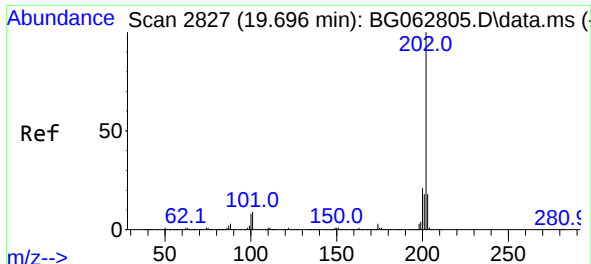


#80
Fluoranthene
Concen: 4.423 ng/ul
RT: 19.330 min Scan# 2764
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



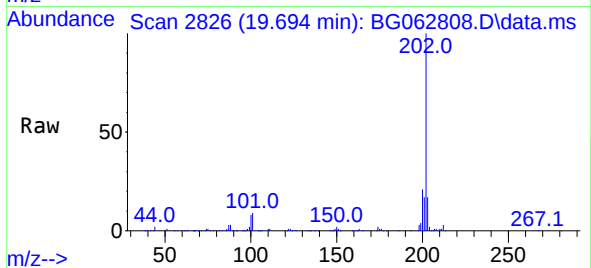
Tgt Ion:202 Resp: 119895
Ion Ratio Lower Upper
202 100
101 7.4 6.6 10.0
100 6.5 5.3 7.9





#82
Pyrene
Concen: 4.334 ng/ul
RT: 19.694 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

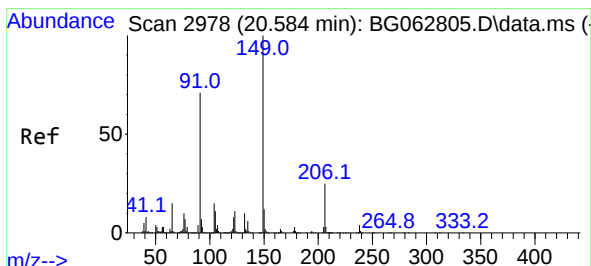
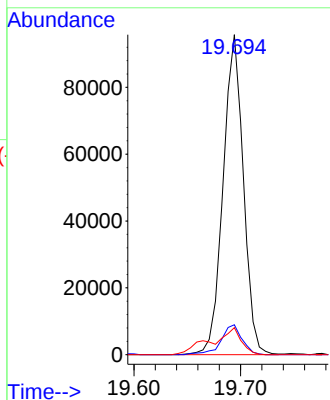
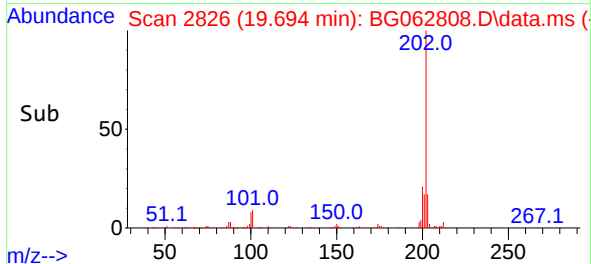
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:202 Resp: 12647
Ion Ratio Lower Upper
202 100
101 9.3 7.7 11.5
100 8.5 6.5 9.7

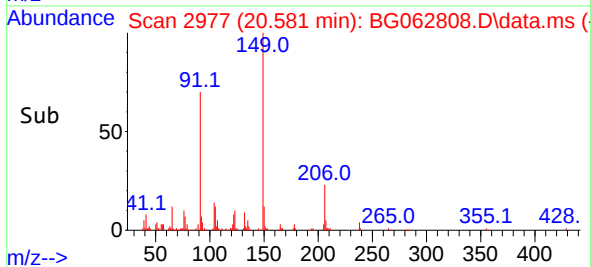
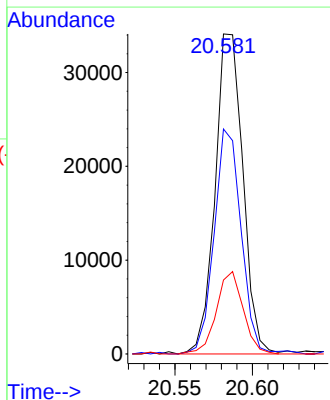
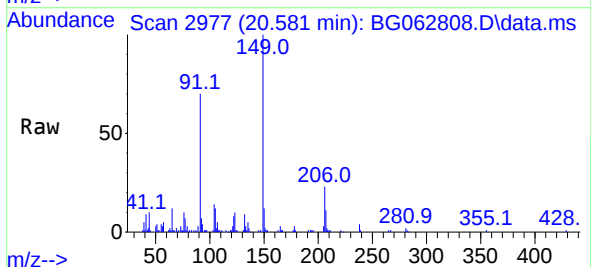
Manual Integrations
APPROVED

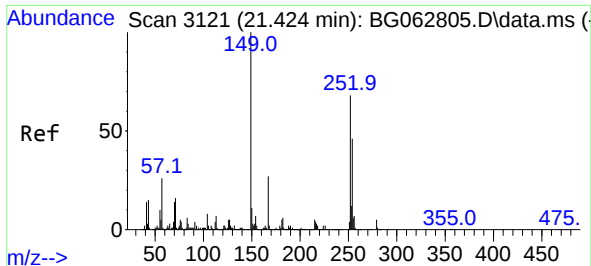
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#83
Butylbenzylphthalate
Concen: 4.913 ng/ul
RT: 20.581 min Scan# 2977
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

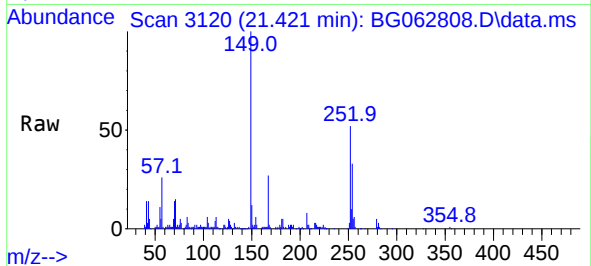
Tgt Ion:149 Resp: 42565
Ion Ratio Lower Upper
149 100
91 70.3 57.3 85.9
206 23.1 20.4 30.6





#84
3,3'-Dichlorobenzidine
Concen: 4.391 ng/ul
RT: 21.421 min Scan# 3121
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

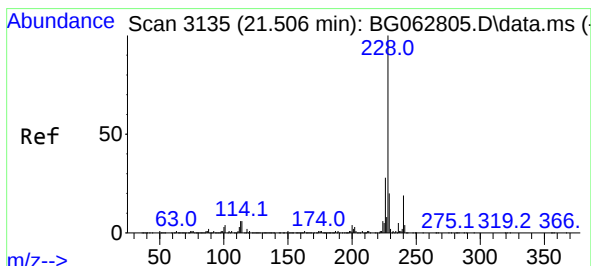
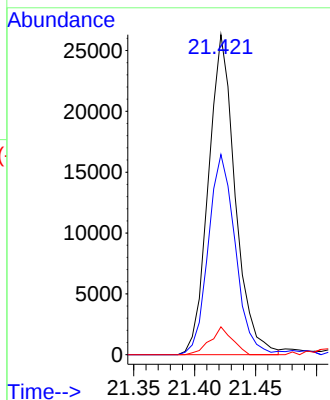
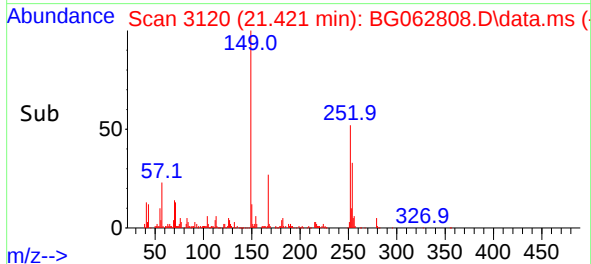
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:252 Resp: 40209
Ion Ratio Lower Upper
252 100
254 62.5 51.8 77.6
126 8.7 6.0 9.0

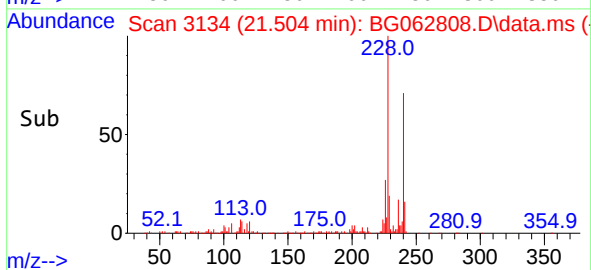
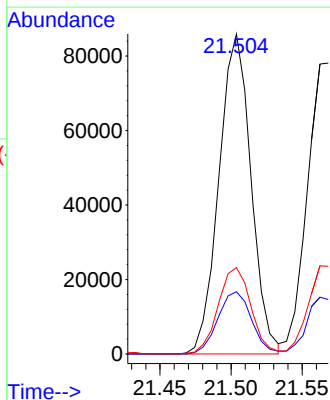
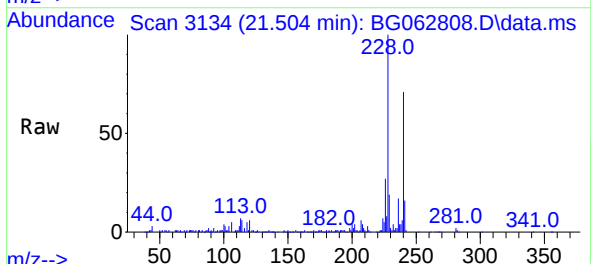
Manual Integrations
APPROVED

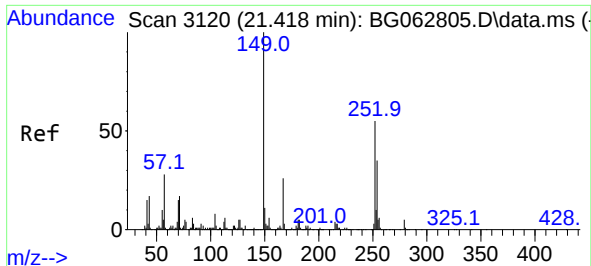
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#85
Benzo(a)anthracene
Concen: 4.453 ng/ul
RT: 21.504 min Scan# 3134
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

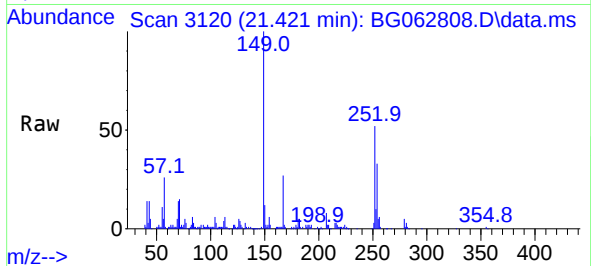
Tgt Ion:228 Resp: 134726
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.0 21.6 32.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.073 ng/ul
RT: 21.421 min Scan# 3120
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

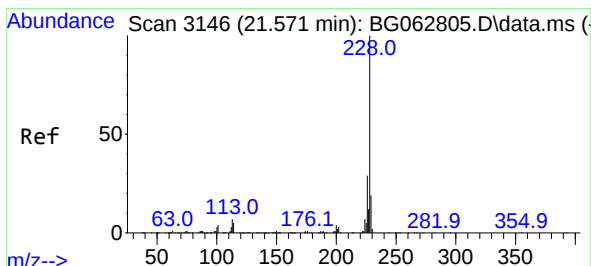
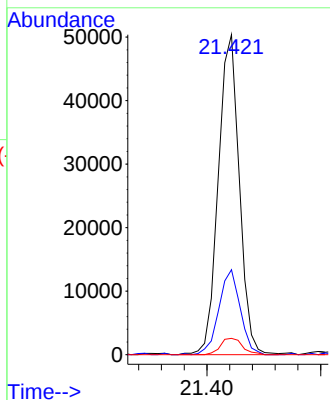
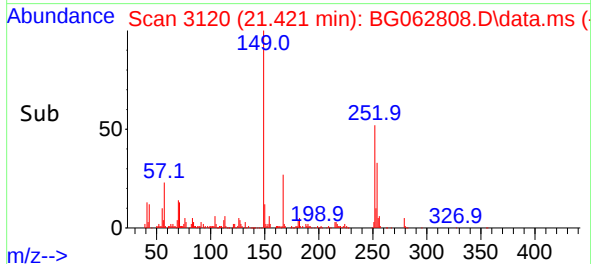
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



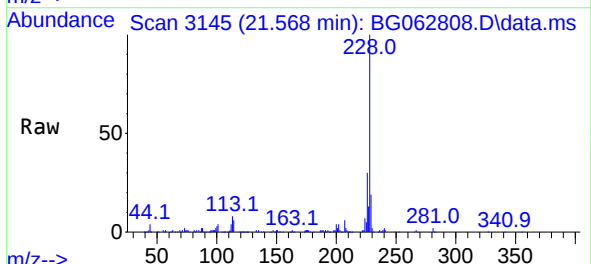
Tgt Ion:149 Resp: 64710
Ion Ratio Lower Upper
149 100
167 26.6 21.3 31.9
279 5.1 3.8 5.6

Manual Integrations
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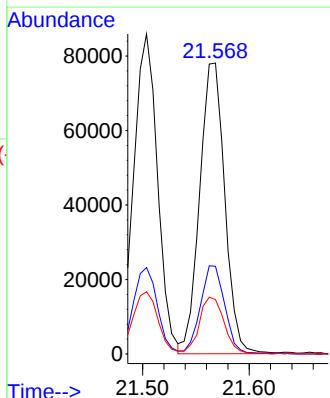
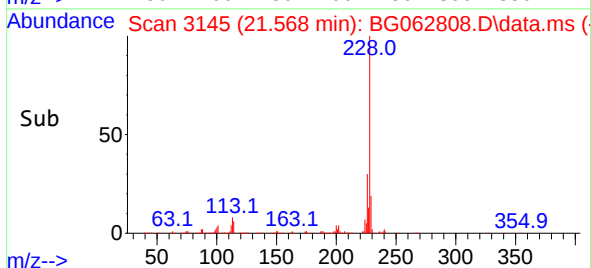
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

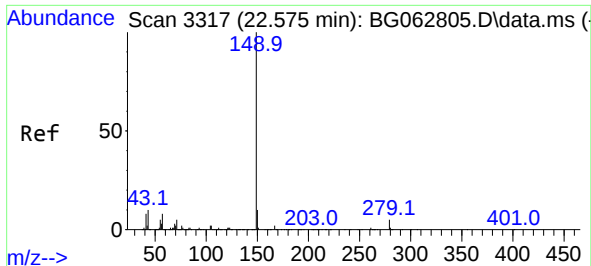


#87
Chrysene
Concen: 4.455 ng/ul
RT: 21.568 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46



Tgt Ion:228 Resp: 127852
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 18.7 15.4 23.0





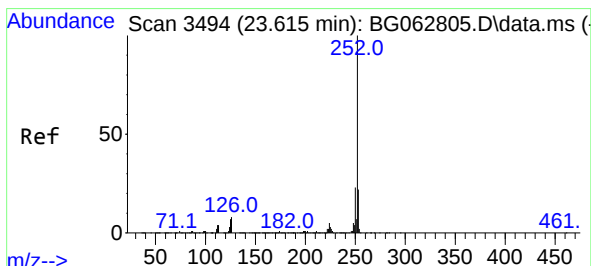
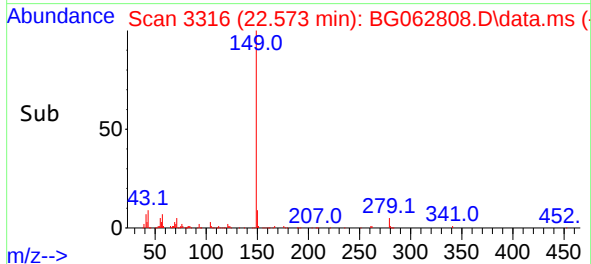
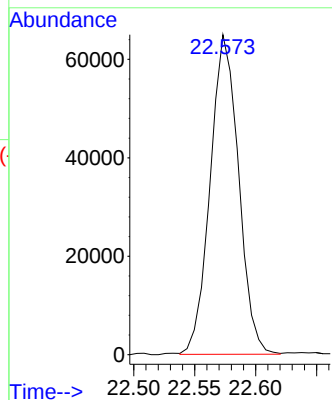
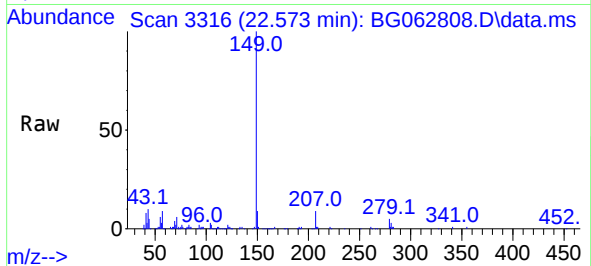
#89
Di-n-octyl phthalate
Concen: 5.056 ng/ul
RT: 22.573 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:149 Resp: 105270

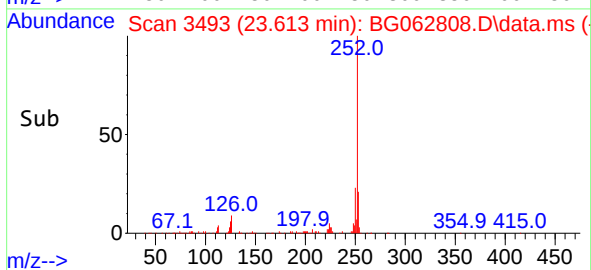
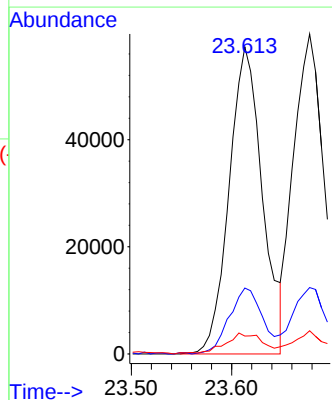
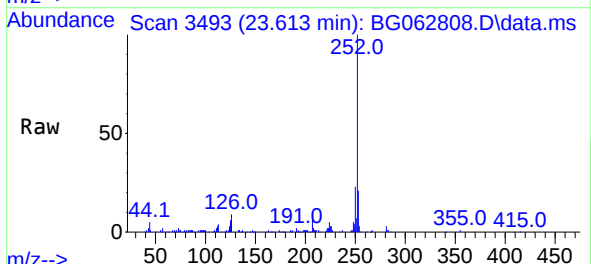
Manual Integrations
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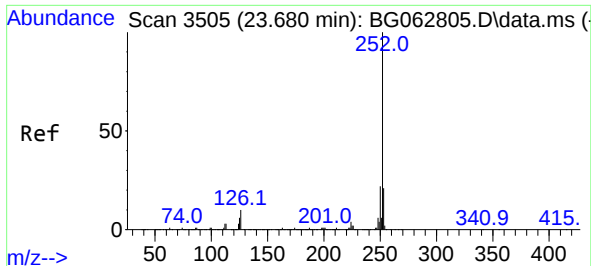
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#90
Benzo(b)fluoranthene
Concen: 4.781 ng/ul
RT: 23.613 min Scan# 3493
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

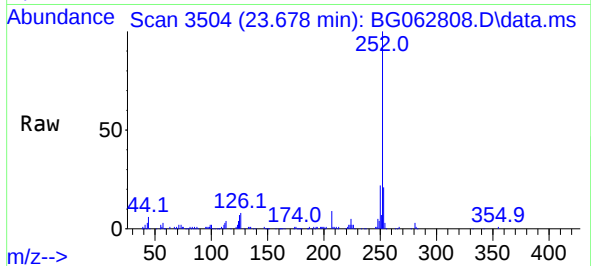
Tgt Ion:252 Resp: 132142
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 5.8 5.4 8.0





#91
Benzo(k)fluoranthene
Concen: 4.544 ng/u1
RT: 23.678 min Scan# 3505
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

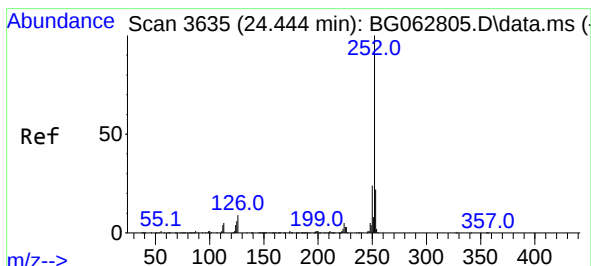
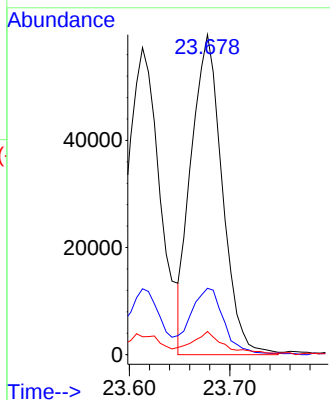
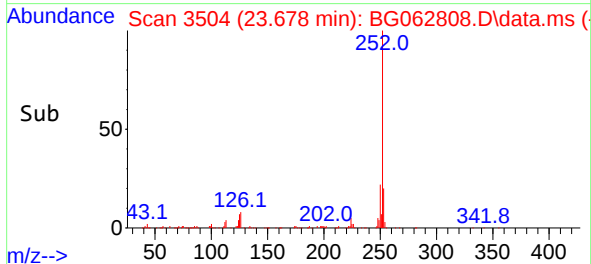
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:252 Resp: 128594
Ion Ratio Lower Upper
252 100
253 20.7 16.9 25.3
125 7.3 5.7 8.5

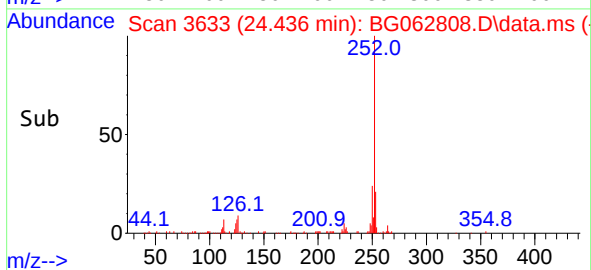
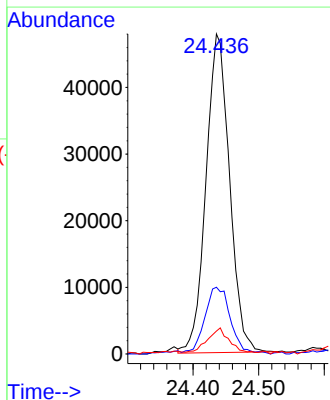
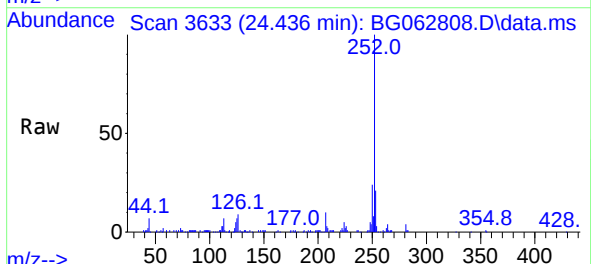
Manual Integrations
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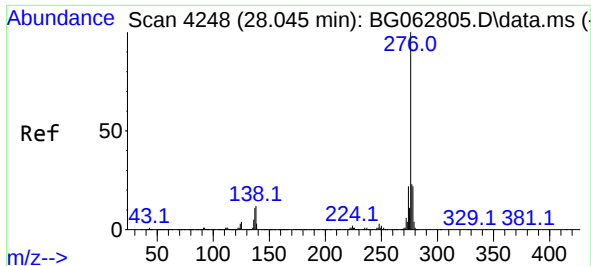
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#93
Benzo(a)pyrene
Concen: 4.572 ng/u1
RT: 24.436 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

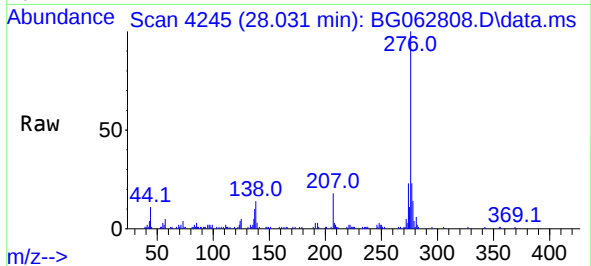
Tgt Ion:252 Resp: 119193
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 7.2 6.1 9.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.579 ng/ul
RT: 28.031 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

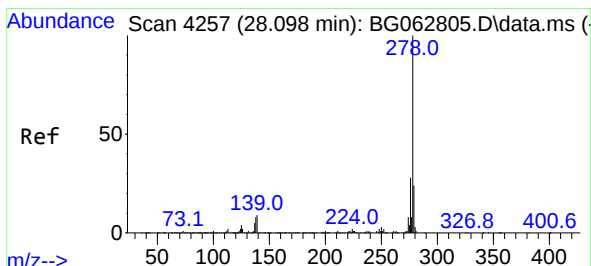
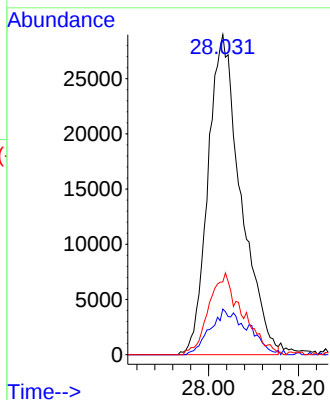
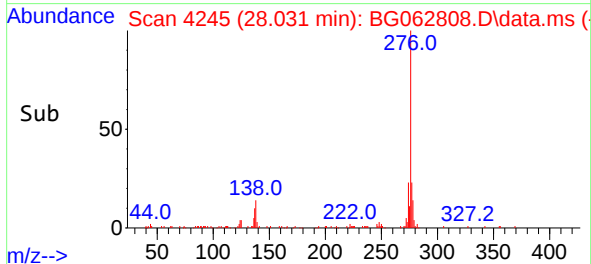
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:276 Resp: 147080
Ion Ratio Lower Upper
276 100
138 14.2 11.4 17.2
277 22.7 18.9 28.3

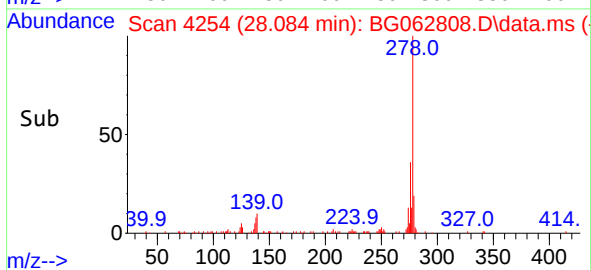
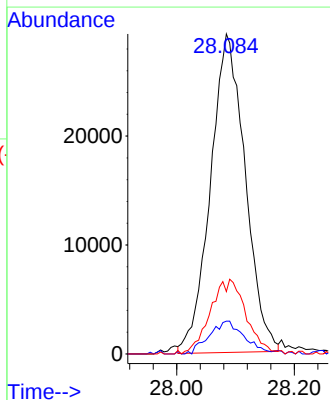
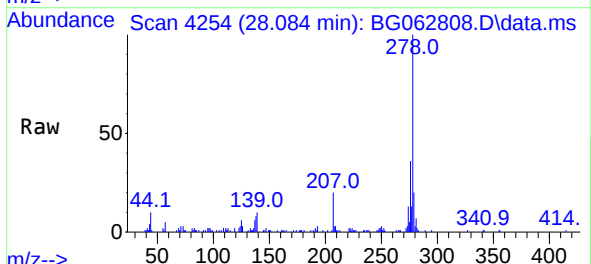
Manual Integrations
APPROVED

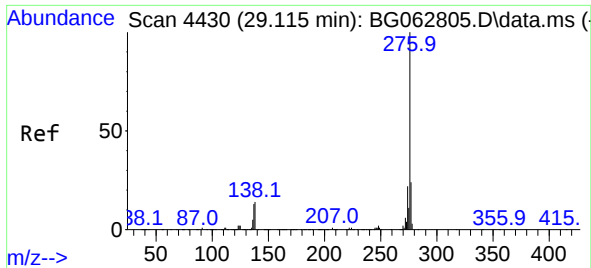
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#95
Dibenzo(a,h)anthracene
Concen: 4.649 ng/ul
RT: 28.084 min Scan# 4254
Delta R.T. -0.015 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

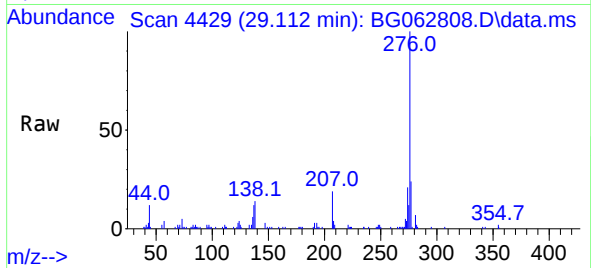
Tgt Ion:278 Resp: 119945
Ion Ratio Lower Upper
278 100
139 10.3 7.8 11.8
279 19.5 18.6 28.0





#96
Benzo(g,h,i)perylene
Concen: 4.771 ng/ul
RT: 29.112 min Scan# 4430
Delta R.T. -0.015 min
Lab File: BG062808.D
Acq: 14 Sep 2024 12:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 276 Resp: 118338
Ion Ratio Lower Upper
276 100
138 13.7 11.8 17.6
277 23.8 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

