

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031124\
 Data File : BN030360.D
 Acq On : 11 Mar 2024 13:51
 Operator : MA/JU
 Sample : P1601-03
 Misc : SFAM-MDLSOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

Quant Time: Mar 12 00:59:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 13:57:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	115958	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.587	136	453915	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	248776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	499364	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	425638	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	446484	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	17499	5.093	ng/uL	0.00
4) Pyridine-d5	3.669	84	186654	22.756	ng/u1	-0.01
7) Phenol-d5	6.957	99	202732	19.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	113021	19.347	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.316	132	174035	21.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	158592	19.558	ng/u1	-0.01
21) Nitrobenzene-d5	8.957	128	83014	21.918	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	86024	21.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	149614	21.126	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	206045	19.603	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	432473	21.561	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	500225	22.014	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	63070	17.734	ng/u1	0.00
60) Fluorene-d10	15.451	176	352968	21.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	56784	18.206	ng/u1	0.00
73) Anthracene-d10	17.310	188	487510	20.105	ng/u1	0.00
81) Pyrene-d10	19.622	212	562326	20.803	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	520040	22.237	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	3608m	1.094	ng/uL	
5) Pyridine	3.693	79	34387	4.121	ng/u1#	60
6) Benzaldehyde	6.940	77	25617m	5.342	ng/u1	
8) Phenol	6.981	94	40288	3.935	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	31921	3.901	ng/u1	97
12) 2-Chlorophenol	7.346	128	34577	4.077	ng/u1	99
13) 2-Methylphenol	8.234	108	27257	3.551	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	28029m	3.768	ng/u1	
16) Acetophenone	8.622	105	50915	3.906	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.604	70	23537	3.774	ng/u1	97
18) 4-Methylphenol	8.563	108	30876	3.807	ng/u1	100
19) Hexachloroethane	8.852	117	15909	4.038	ng/u1	99
22) Nitrobenzene	8.999	77	41183	4.214	ng/u1	96
23) Isophorone	9.522	82	62575	3.703	ng/u1	96
25) 2-Nitrophenol	9.704	139	17773	4.155	ng/u1	94
26) 2,4-Dimethylphenol	9.769	107	23643	2.678	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.016	93	39338	3.969	ng/u1	99
29) 2,4-Dichlorophenol	10.234	162	29550	4.154	ng/u1	94
30) Naphthalene	10.634	128	112554	4.344	ng/u1	99
32) 4-Chloroaniline	10.757	127	40760	3.987	ng/u1	98
33) Hexachlorobutadiene	10.910	225	21483	4.330	ng/u1	96
34) Caprolactam	11.557	113	7527m	3.554	ng/u1	
35) 4-Chloro-3-methylphenol	11.887	107	28666	3.561	ng/u1	92
36) 2-Methylnaphthalene	12.257	142	68972	4.087	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	71934	4.312	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.622	216	34881	4.440	ng/ul	98
40) Hexachlorocyclopentadiene	12.592	237	24703	4.198	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.875	196	19512	3.915	ng/ul	93
42) 2,4,5-Trichlorophenol	12.940	196	22180	4.072	ng/ul	95
43) 1,1'-Biphenyl	13.281	154	90969	4.333	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	70708	4.336	ng/ul	100
45) 2-Nitroaniline	13.540	65	15460	3.288	ng/ul	98
47) Dimethylphthalate	13.922	163	87084	4.272	ng/ul	97
48) 2,6-Dinitrotoluene	14.045	165	13910	3.533	ng/ul	94
50) Acenaphthylene	14.169	152	115386	4.364	ng/ul	99
51) 3-Nitroaniline	14.375	138	12433	3.223	ng/ul#	91
52) Acenaphthene	14.510	153	76164	4.348	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	11128	5.031	ng/ul	95
55) 4-Nitrophenol	14.675	109	16266	4.034	ng/ul	91
56) Dibenzofuran	14.851	168	99474	4.258	ng/ul	95
57) 2,4-Dinitrotoluene	14.834	165	20955	3.730	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.081	232	17814	4.064	ng/ul	97
59) Diethylphthalate	15.292	149	86759	3.982	ng/ul	99
61) Fluorene	15.504	166	81829	4.243	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	40414	4.377	ng/ul	97
63) 4-Nitroaniline	15.539	138	13237m	3.706	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	15113	4.491	ng/ul#	90
67) N-Nitrosodiphenylamine	15.728	169	65097	4.132	ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	22510	4.207	ng/ul	90
69) Hexachlorobenzene	16.504	284	24992	4.265	ng/ul	93
70) Atrazine	16.692	200	25211	4.649	ng/ul	98
71) Pentachlorophenol	16.857	266	17632	4.447	ng/ul	90
72) Phenanthrene	17.251	178	122632	4.211	ng/ul	98
74) Anthracene	17.345	178	113801	3.841	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	32620	4.376	ng/uL	94
76) Pentachlorobenzene	14.763	250	33248	4.783	ng/uL	99
77) Carbazole	17.628	167	95249	3.620	ng/ul	98
78) Di-n-butylphthalate	18.210	149	131357	3.593	ng/ul	98
80) Fluoranthene	19.286	202	131319	3.965	ng/ul	97
82) Pyrene	19.651	202	139686	4.103	ng/ul	97
83) Butylbenzylphthalate	20.580	149	53006	3.250	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.363	252	38487	4.161	ng/ul	96
85) Benzo(a)anthracene	21.416	228	134022	4.196	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	84164	3.409	ng/ul	98
87) Chrysene	21.468	228	129348	4.366	ng/ul	97
89) Di-n-octyl phthalate	22.292	149	136105	3.257	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	127337	4.326	ng/ul	96
91) Benzo(k)fluoranthene	23.121	252	128010	4.210	ng/ul	95
93) Benzo(a)pyrene	23.680	252	118998	4.271	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	142743	4.308	ng/ul	98
95) Dibenzo(a,h)anthracene	26.239	278	118907	4.402	ng/ul	99
96) Benzo(g,h,i)perylene	26.951	276	118410	4.412	ng/ul	97

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

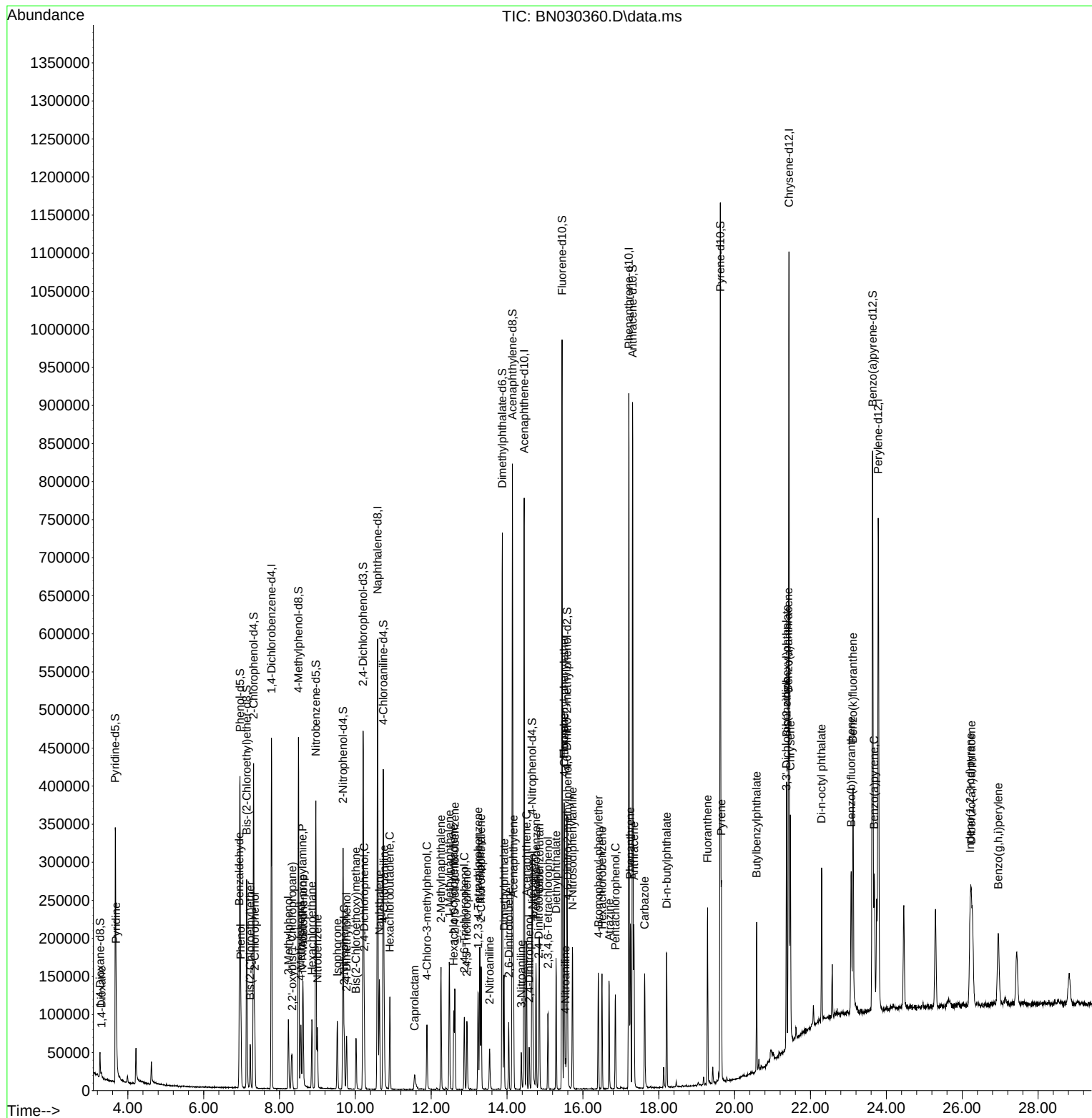
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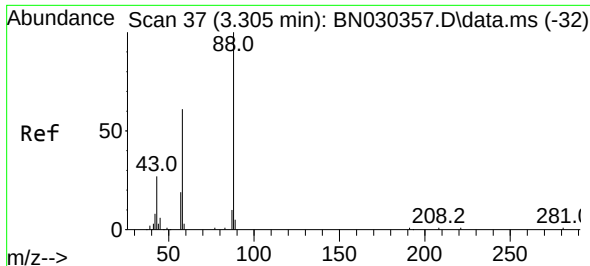
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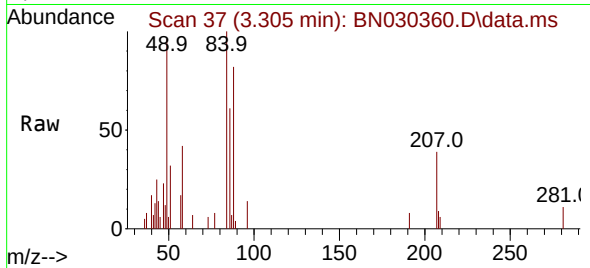
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024





#2
1,4-Dioxane
Concen: 1.094 ng/uL m
RT: 3.305 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

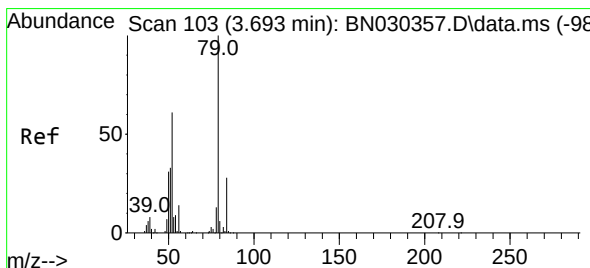
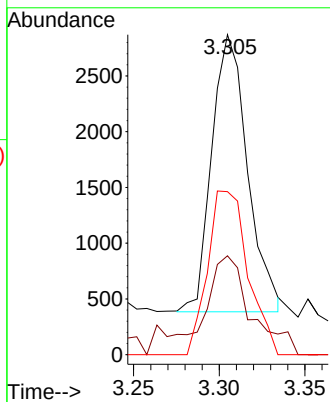
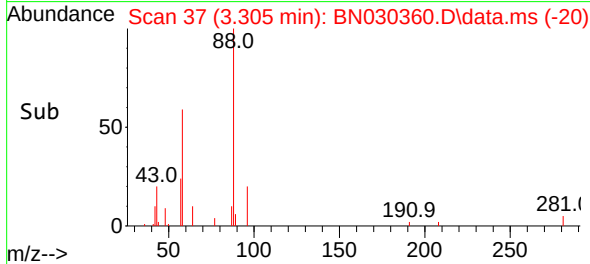
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 88 Resp: 3608
Ion Ratio Lower Upper
88 100
43 30.9 24.0 36.0
58 50.9 49.0 73.4

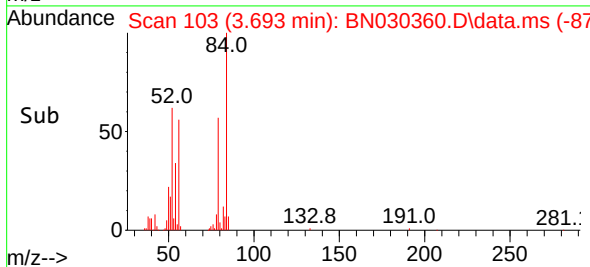
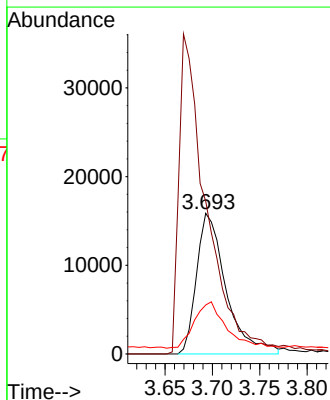
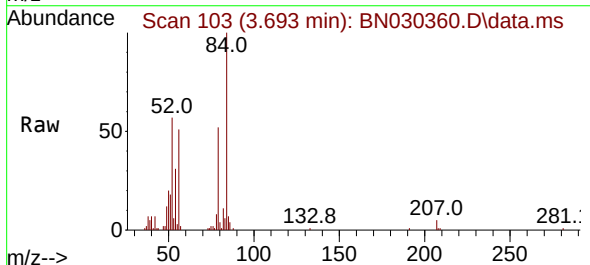
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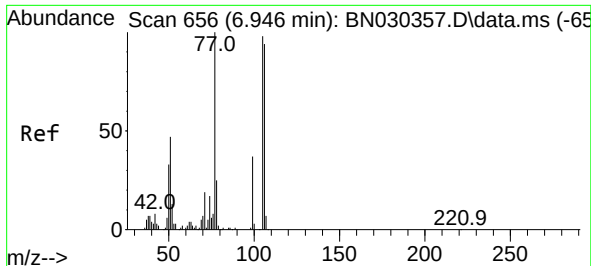
Reviewed By :Yogesh Patel 03/12/2024
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#5
Pyridine
Concen: 4.121 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

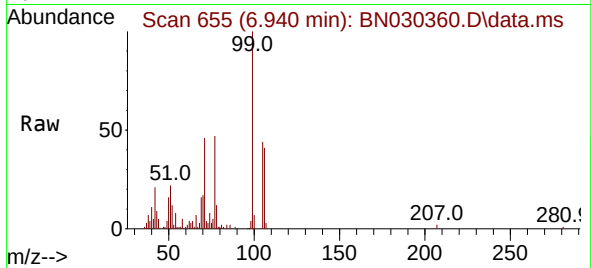
Tgt Ion: 79 Resp: 34387
Ion Ratio Lower Upper
79 100
52 108.6 49.4 74.2#
51 34.9 27.4 41.0





#6
Benzaldehyde
Concen: 5.342 ng/ul m
RT: 6.940 min Scan# 656
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

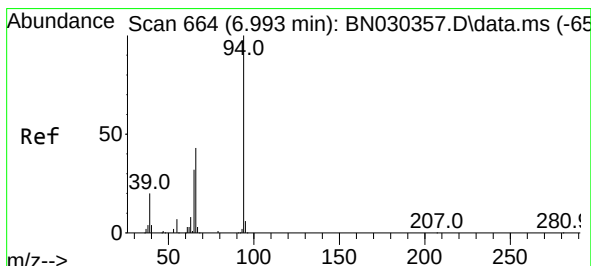
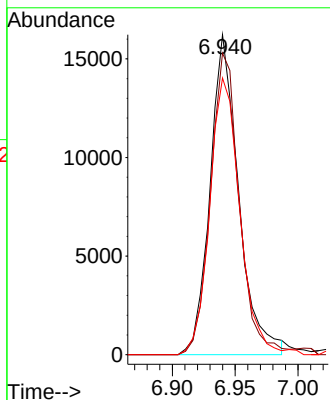
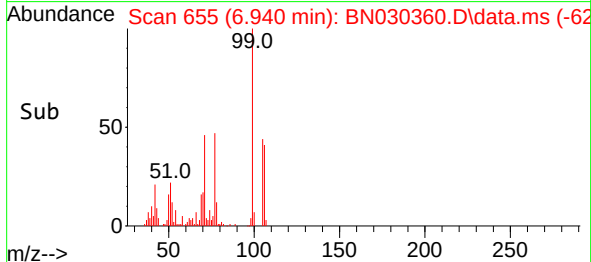
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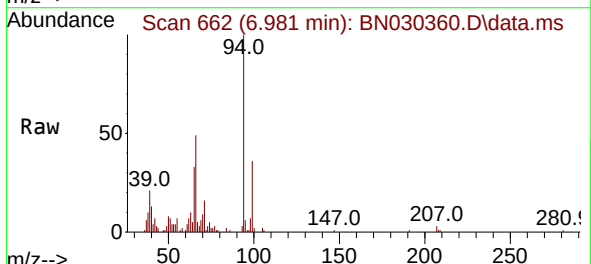
Tgt Ion: 77 Resp: 2561
Ion Ratio Lower Upper
77 100
105 94.2 76.6 114.8
106 86.5 70.3 105.5

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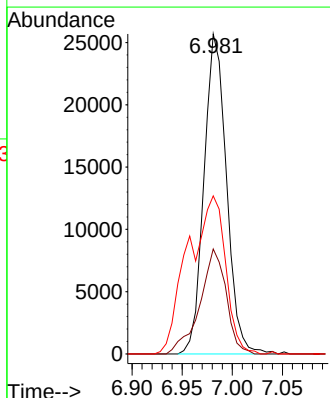
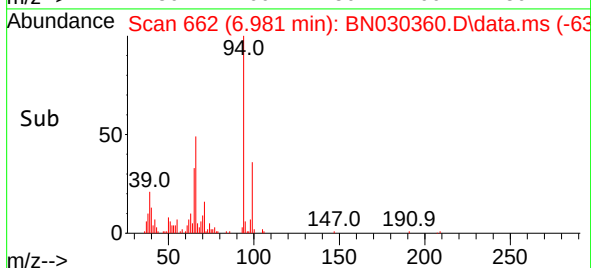
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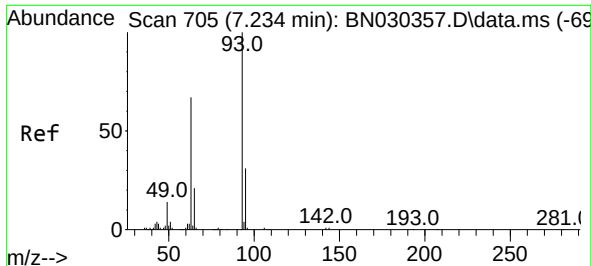


#8
Phenol
Concen: 3.935 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. -0.012 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



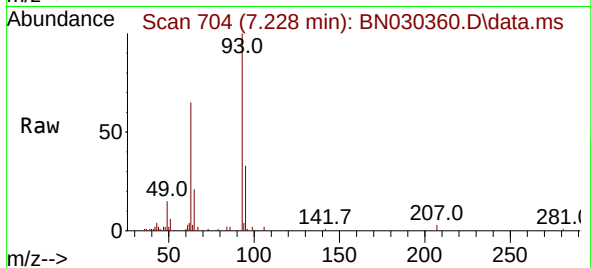
Tgt Ion: 94 Resp: 40288
Ion Ratio Lower Upper
94 100
65 32.8 25.8 38.6
66 49.4 37.7 56.5





#10
Bis(2-Chloroethyl)ether
Concen: 3.901 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BN030360.D
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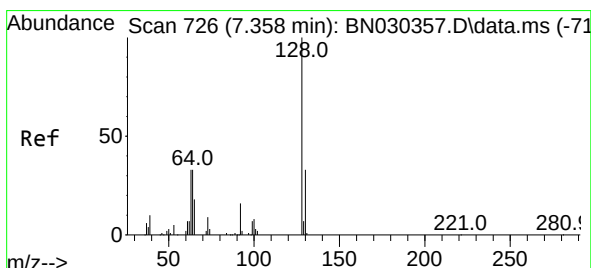
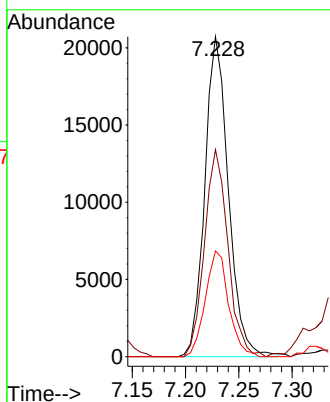
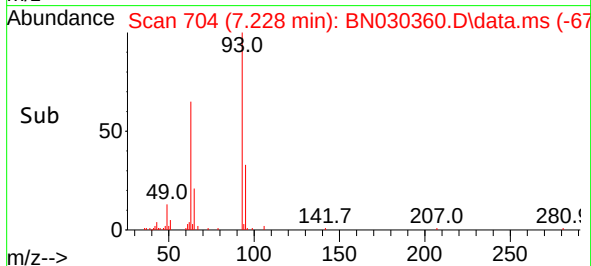
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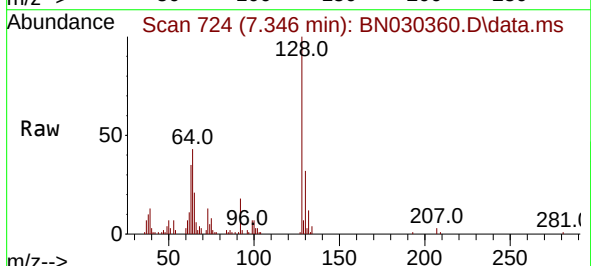
Tgt Ion: 93 Resp: 3192
Ion Ratio Lower Upper
93 100
63 64.7 54.6 81.8
95 33.1 25.8 38.8

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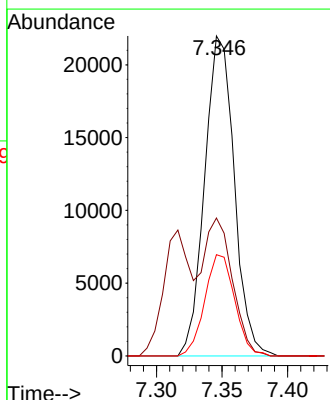
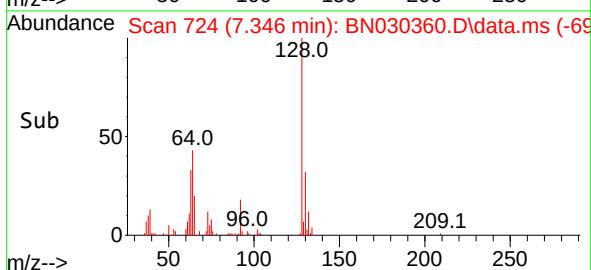
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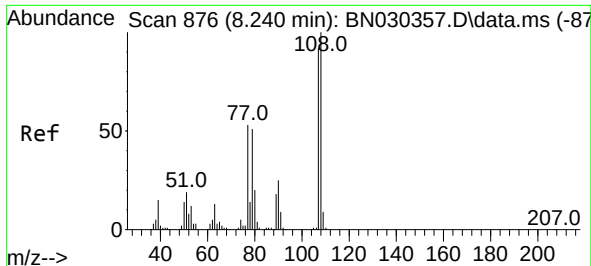


#12
2-Chlorophenol
Concen: 4.077 ng/ul
RT: 7.346 min Scan# 724
Delta R.T. -0.012 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



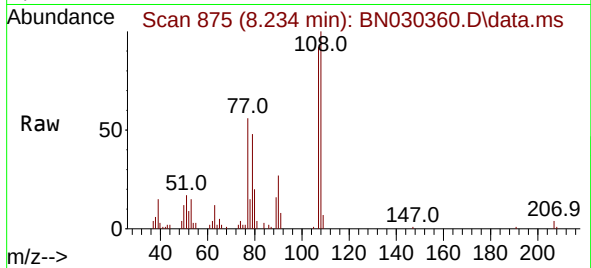
Tgt Ion:128 Resp: 34577
Ion Ratio Lower Upper
128 100
64 43.1 34.1 51.1
130 31.6 25.9 38.9





#13
2-Methylphenol
Concen: 3.551 ng/ul
RT: 8.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BN030360.D
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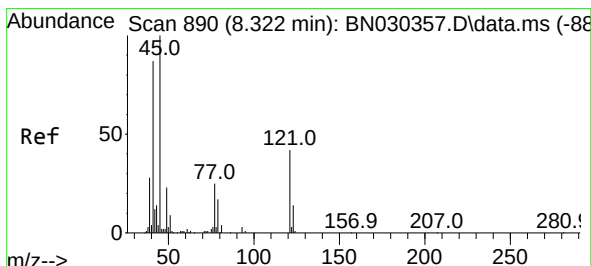
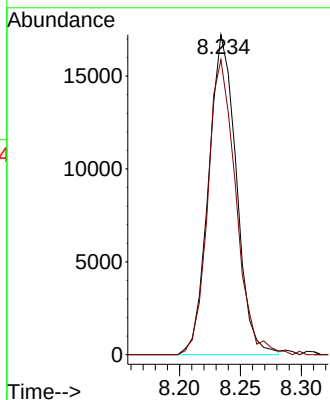
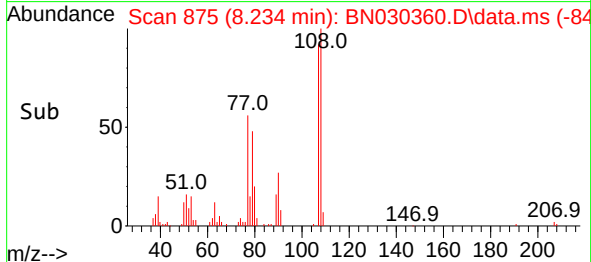
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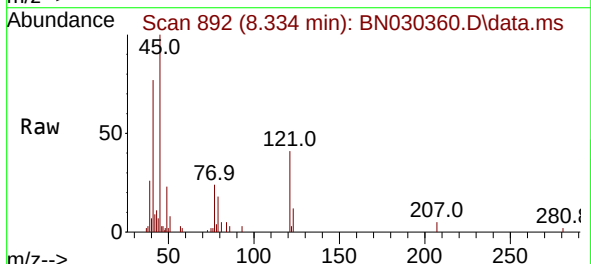
Tgt Ion:108 Resp: 2725
Ion Ratio Lower Upper
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107 92.2 72.5 108.7

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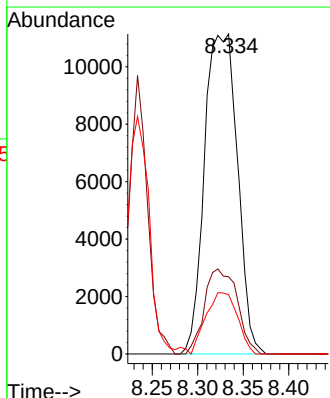
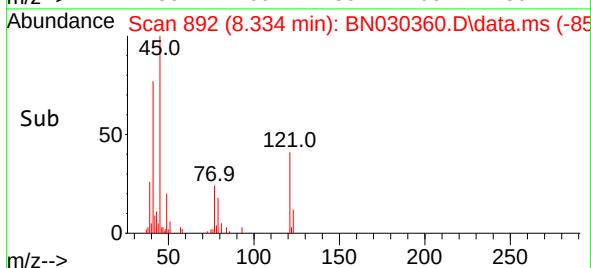
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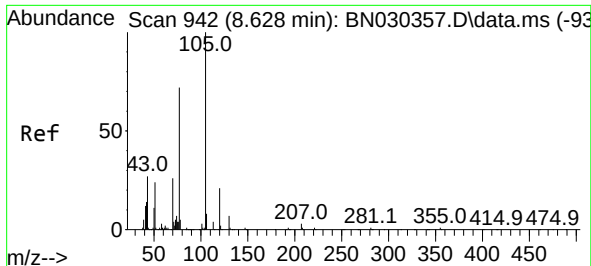


#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.768 ng/ul m
RT: 8.334 min Scan# 892
Delta R.T. 0.006 min
Lab File: BN030360.D
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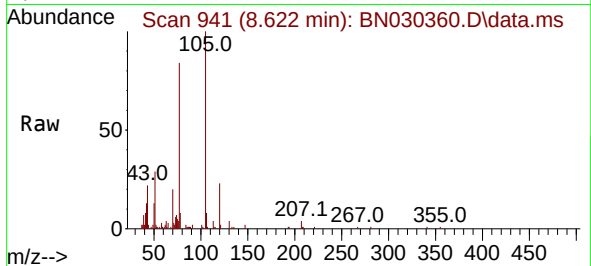
Tgt Ion: 45 Resp: 28029
Ion Ratio Lower Upper
45 100
77 24.1 17.9 26.9
79 18.5 13.4 20.2





#16
Acetophenone
Concen: 3.906 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

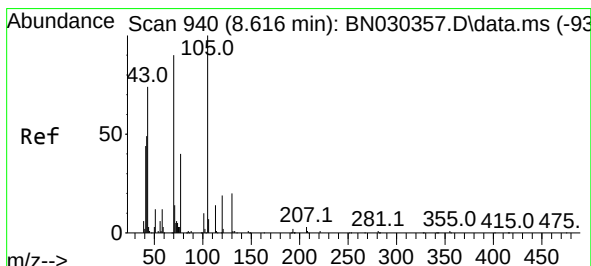
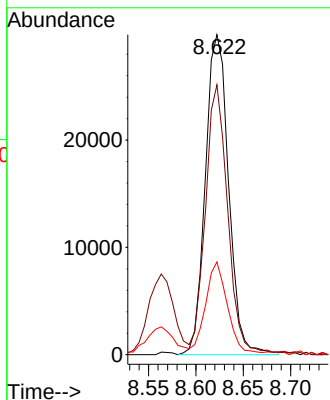
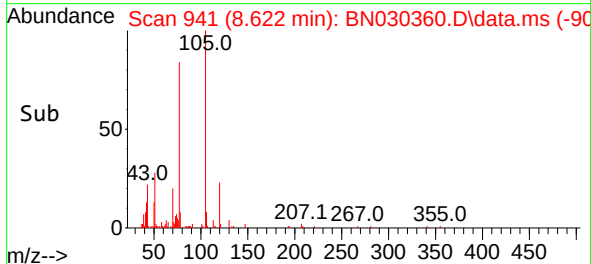
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



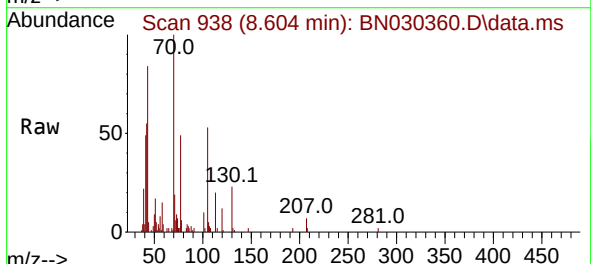
Tgt Ion:105 Resp: 50915
Ion Ratio Lower Upper
105 100
77 84.3 64.1 96.1
51 29.0 20.6 30.8

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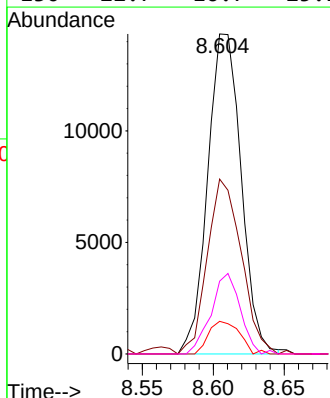
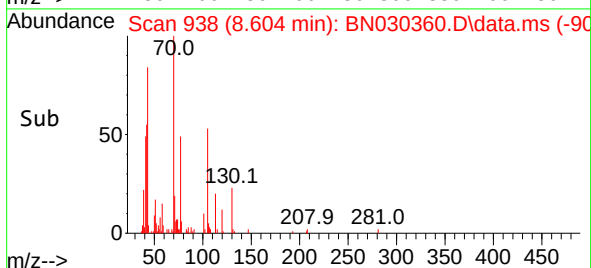
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

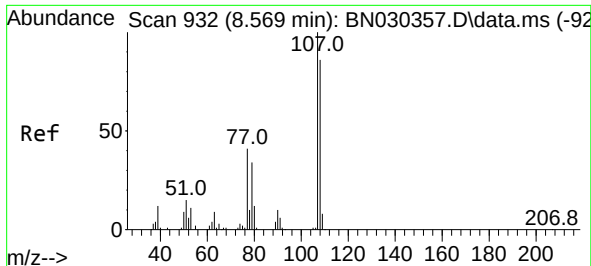


#17
N-Nitroso-di-n-propylamine
Concen: 3.774 ng/ul
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



Tgt Ion: 70 Resp: 23537
Ion Ratio Lower Upper
70 100
42 54.7 41.8 62.6
101 10.2 8.2 12.2
130 22.7 16.7 25.1





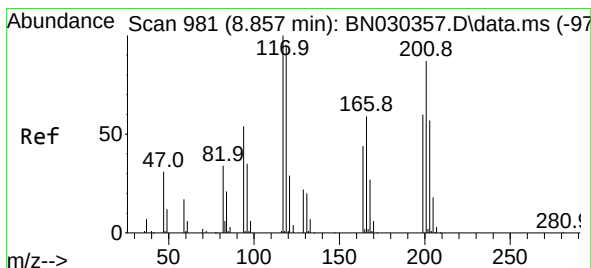
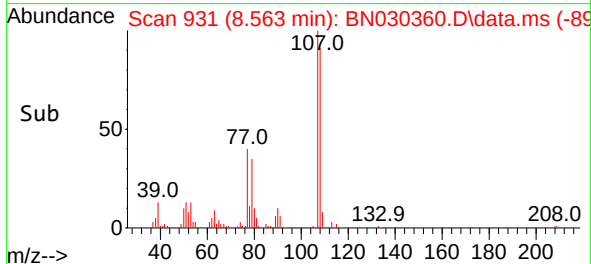
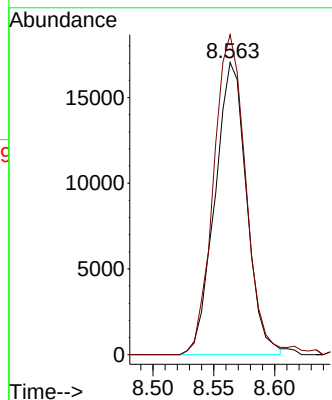
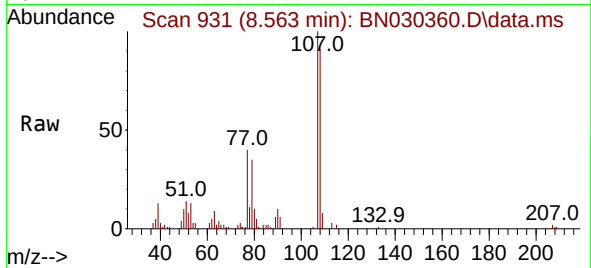
#18
4-Methylphenol
Concen: 3.807 ng/ul
RT: 8.563 min Scan# 911
Delta R.T. -0.012 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:108 Resp: 30870
Ion Ratio Lower Upper
108 100
107 109.5 87.3 130.9

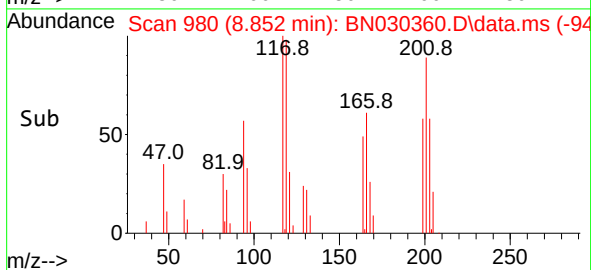
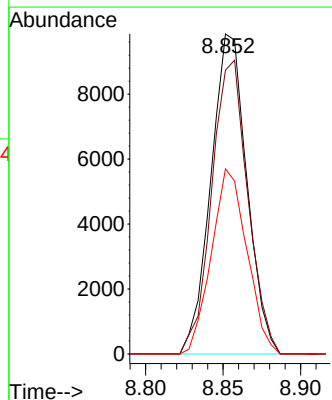
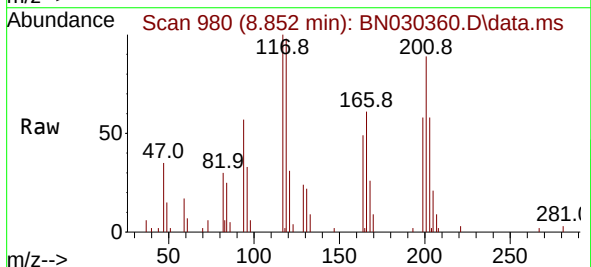
Manual Integrations
APPROVED

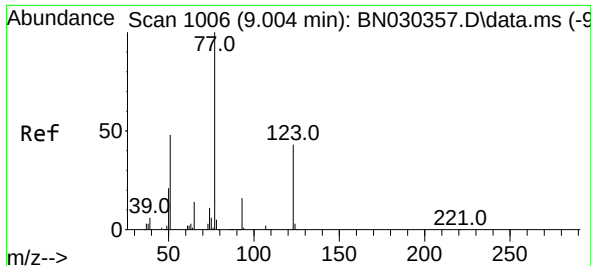
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#19
Hexachloroethane
Concen: 4.038 ng/ul
RT: 8.852 min Scan# 980
Delta R.T. -0.012 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

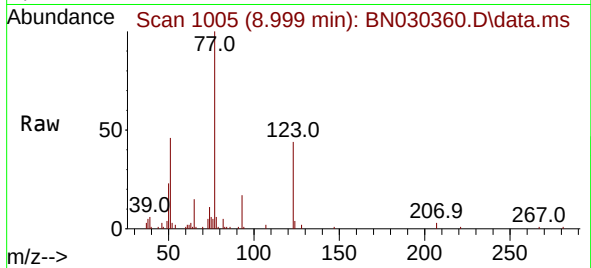
Tgt Ion:117 Resp: 15909
Ion Ratio Lower Upper
117 100
201 88.7 71.3 106.9
199 57.9 48.1 72.1





#22
Nitrobenzene
Concen: 4.214 ng/ul
RT: 8.999 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

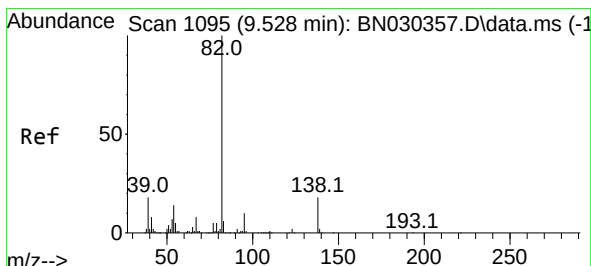
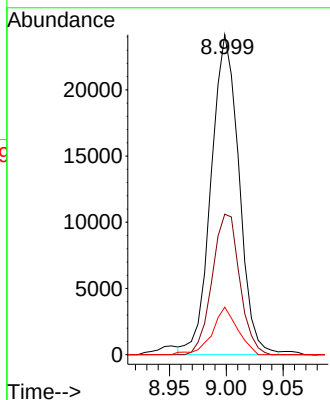
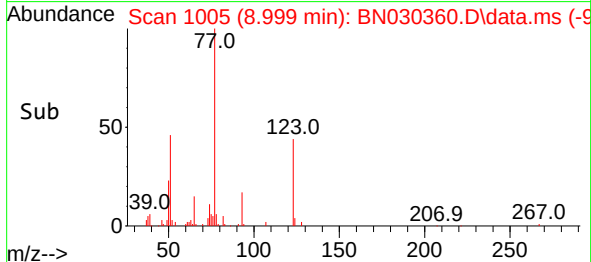
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 77 Resp: 4118
Ion Ratio Lower Upper
77 100
123 43.9 33.0 49.6
65 14.9 10.9 16.3

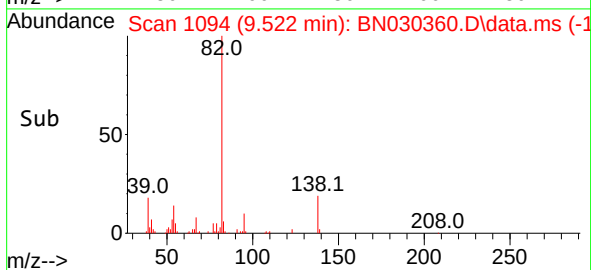
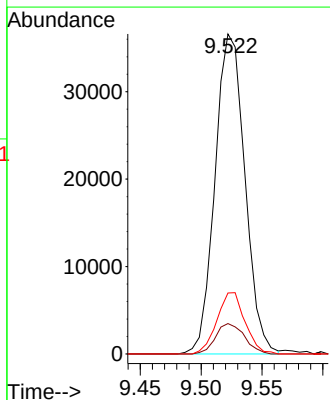
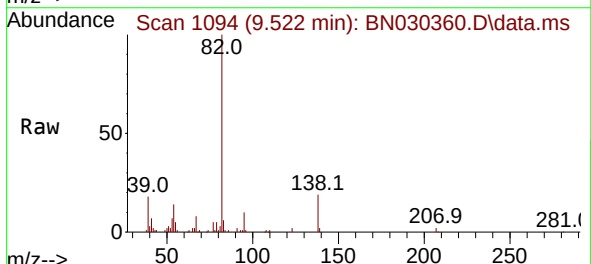
Manual Integrations
APPROVED

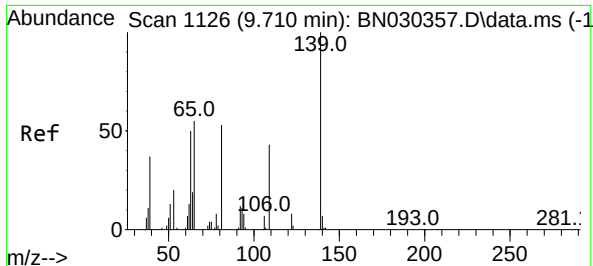
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#23
Isophorone
Concen: 3.703 ng/ul
RT: 9.522 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

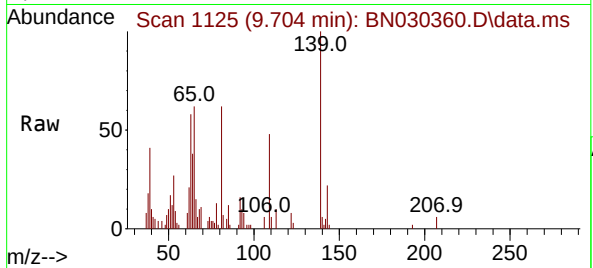
Tgt Ion: 82 Resp: 62575
Ion Ratio Lower Upper
82 100
95 9.5 6.9 10.3
138 19.0 13.8 20.8





#25
2-Nitrophenol
Concen: 4.155 ng/ul
RT: 9.704 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

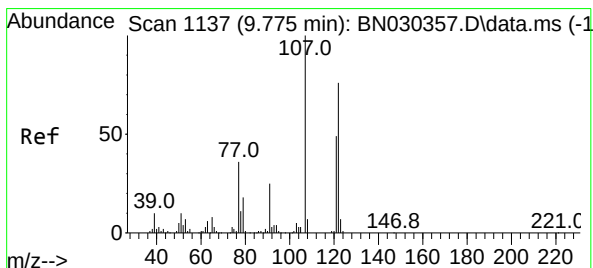
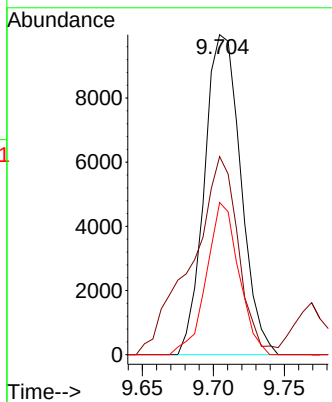
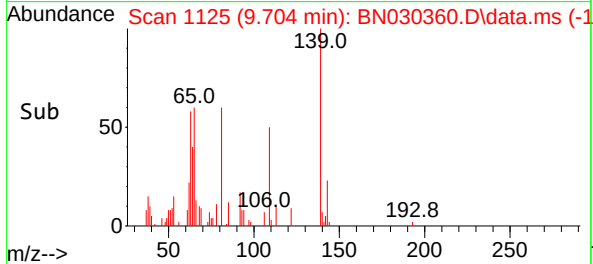
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



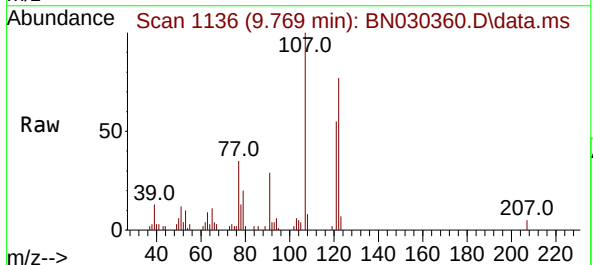
Tgt Ion:139 Resp: 1777
Ion Ratio Lower Upper
139 100
65 61.9 46.2 69.2
109 47.5 34.6 51.8

Manual Integrations
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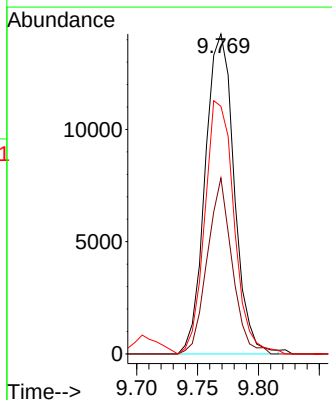
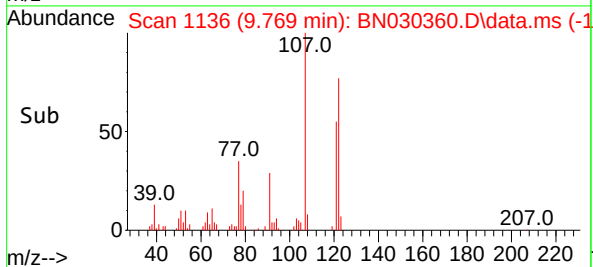
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

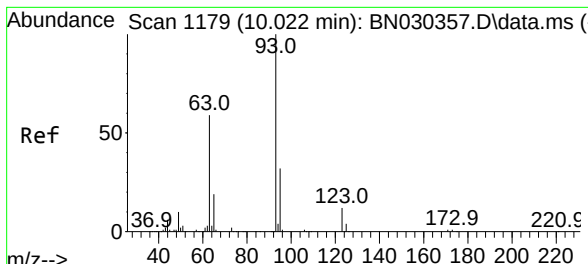


#26
2,4-Dimethylphenol
Concen: 2.678 ng/ul
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



Tgt Ion:107 Resp: 23643
Ion Ratio Lower Upper
107 100
121 55.0 37.1 55.7
122 77.4 64.9 97.3



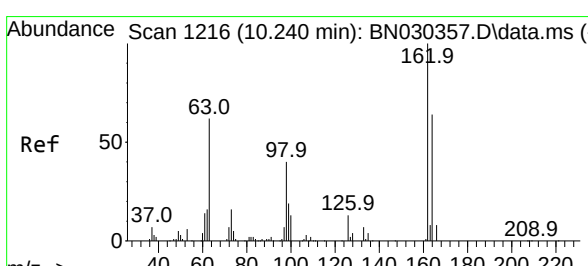
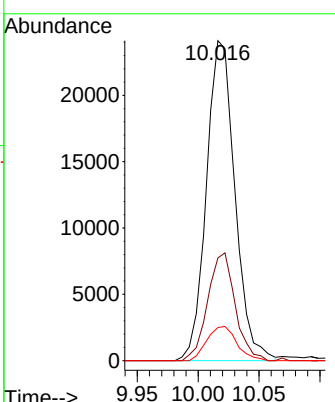
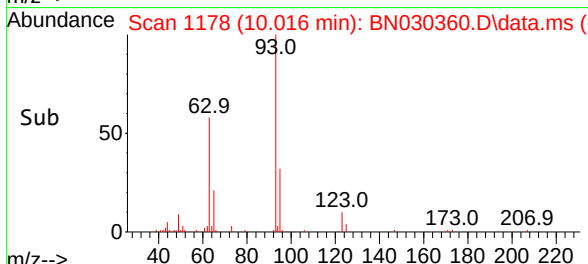
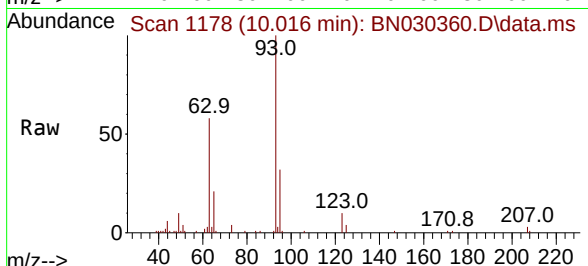


#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.969 ng/ul
 RT: 10.016 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-01

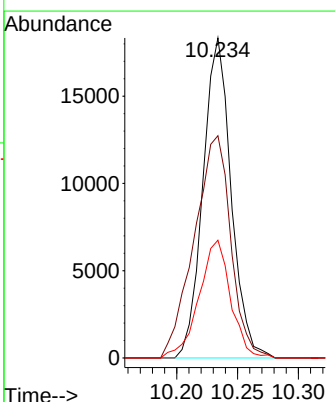
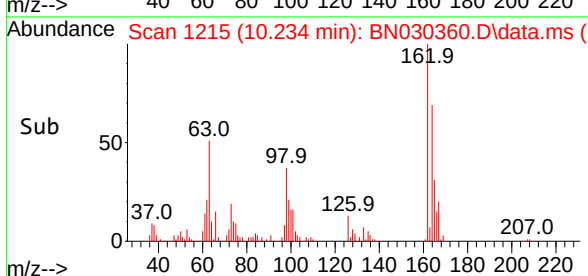
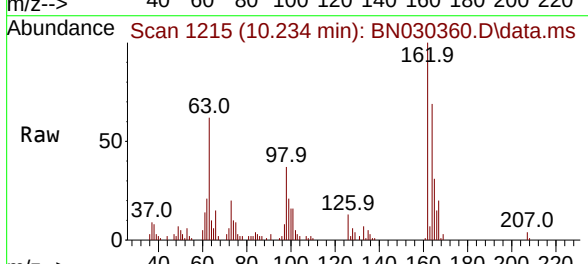
Tgt Ion: 93	Resp: 3933
Ion Ratio	Lower Upper
93 100	
95 32.1	25.7 38.5
123 10.4	9.3 13.9

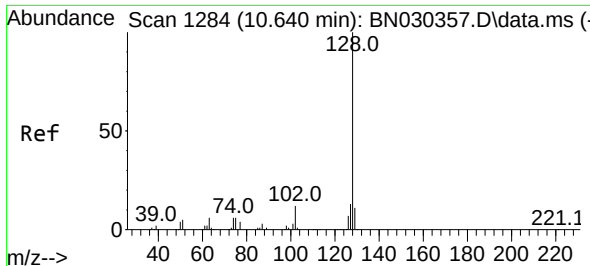
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024



#29
 2,4-Dichlorophenol
 Concen: 4.154 ng/ul
 RT: 10.234 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

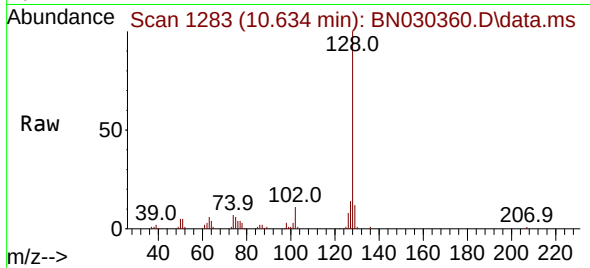
Tgt Ion:162	Resp: 29550
Ion Ratio	Lower Upper
162 100	
164 69.5	51.0 76.4
98 36.8	31.2 46.8





#30
Naphthalene
Concen: 4.344 ng/ul
RT: 10.634 min Scan# 112554
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

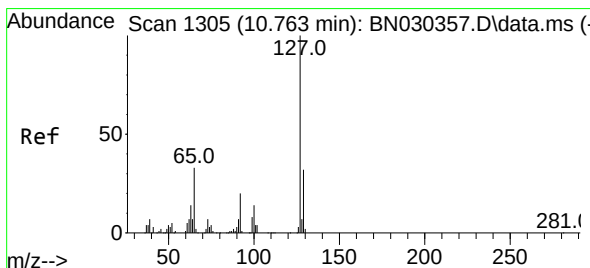
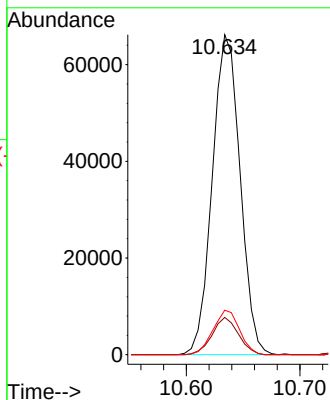
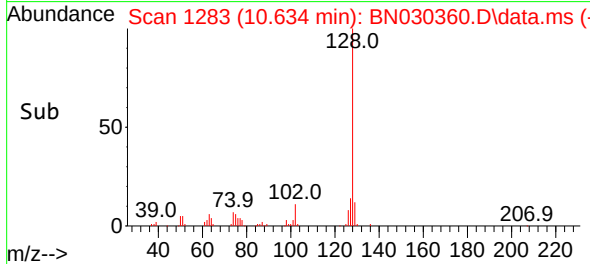
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:128 Resp: 112554
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.9 11.0 16.4

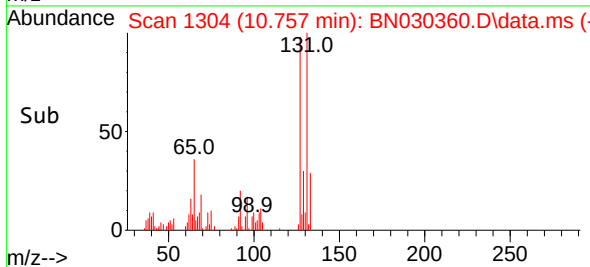
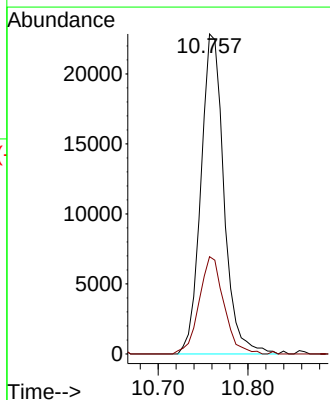
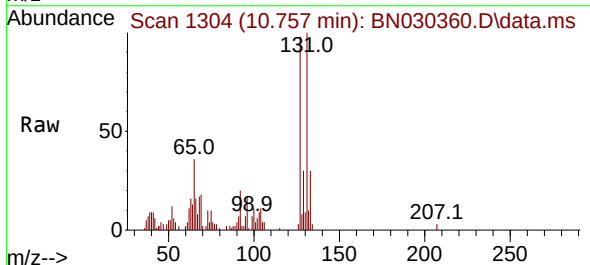
Manual Integrations
APPROVED

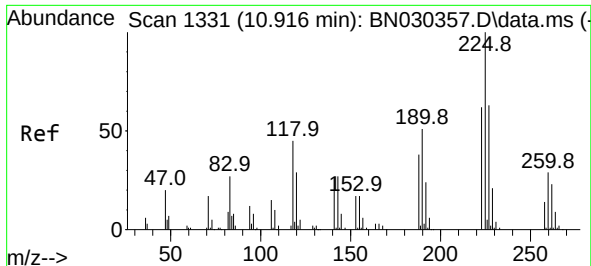
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#32
4-Chloroaniline
Concen: 3.987 ng/ul
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

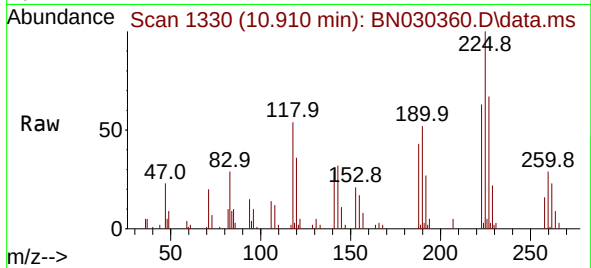
Tgt Ion:127 Resp: 40760
Ion Ratio Lower Upper
127 100
129 30.4 25.4 38.0





#33
Hexachlorobutadiene
Concen: 4.330 ng/ul
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

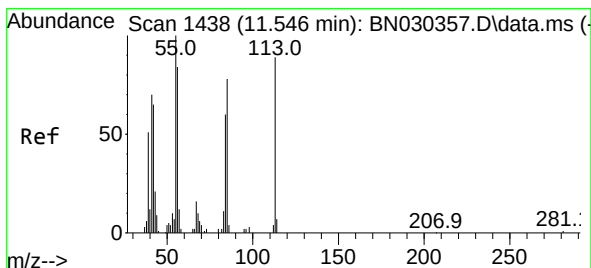
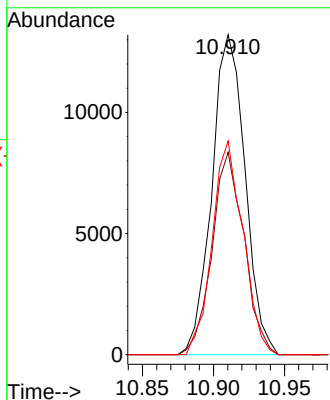
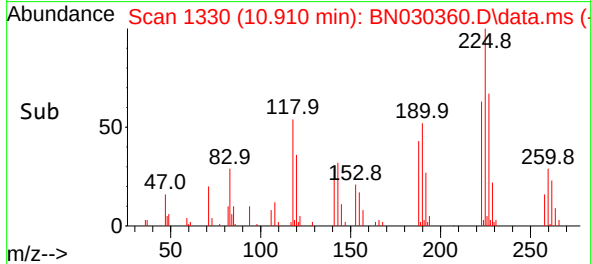
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:225 Resp: 2148
Ion Ratio Lower Upper
225 100
223 63.3 48.9 73.3
227 69.7 52.8 79.2

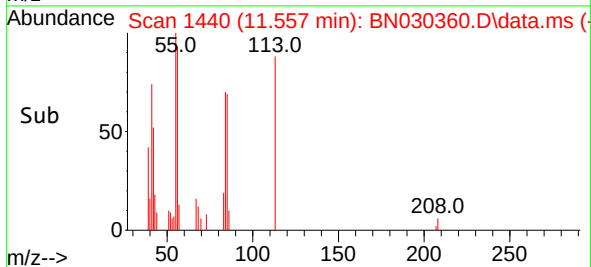
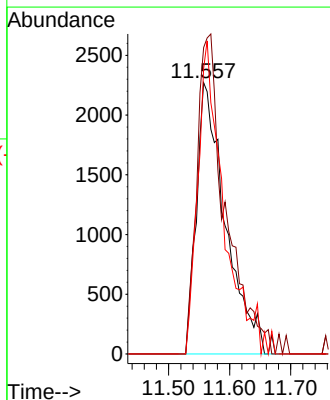
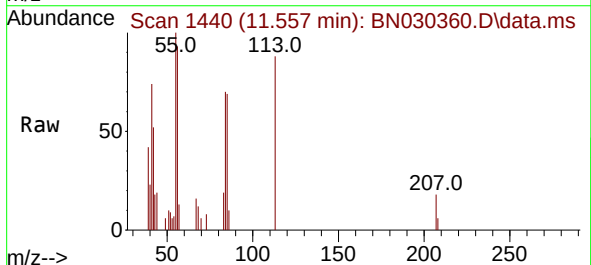
Manual Integrations
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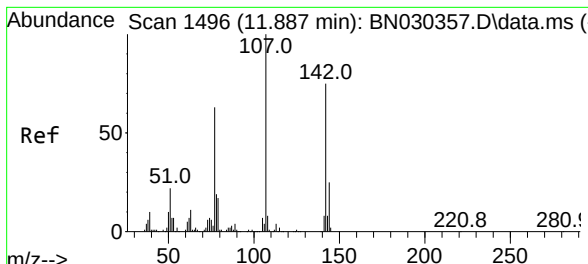
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#34
Caprolactam
Concen: 3.554 ng/ul m
RT: 11.557 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

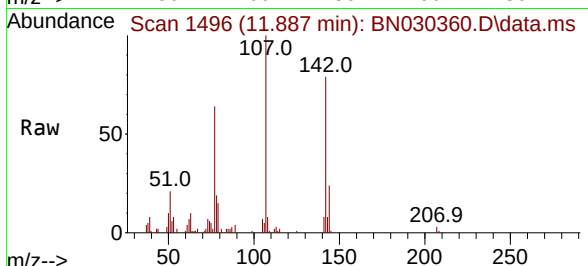
Tgt Ion:113 Resp: 7527
Ion Ratio Lower Upper
113 100
55 113.0 102.1 153.1
56 105.3 90.8 136.2





#35
 4-Chloro-3-methylphenol
 Concen: 3.561 ng/ul
 RT: 11.887 min Scan# 1496
 Delta R.T. -0.000 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

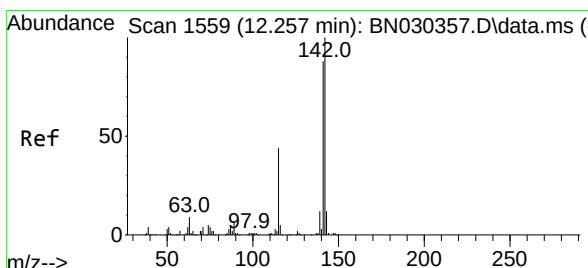
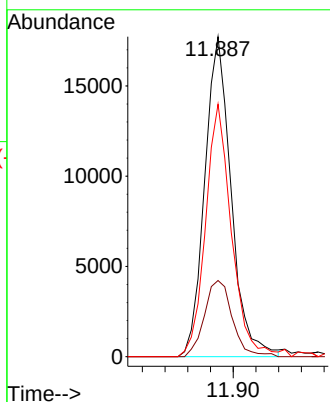
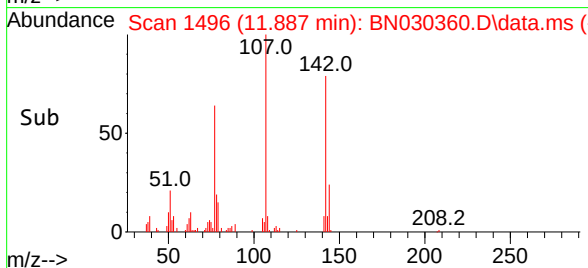
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:	107	Resp:	2866
Ion Ratio	Lower	Upper	
107	100		
144	23.8	18.1	27.1
142	78.9	56.3	84.5

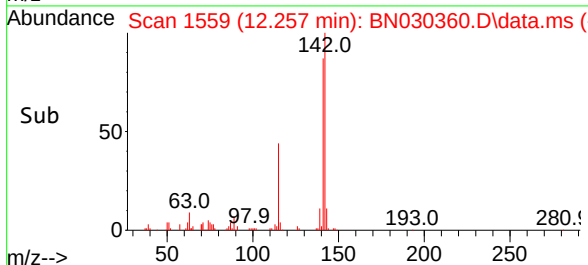
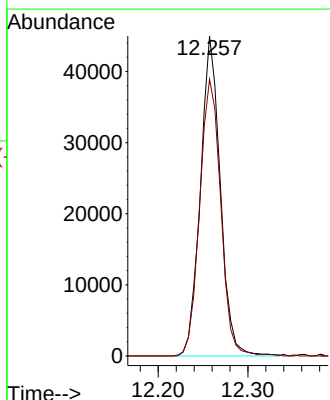
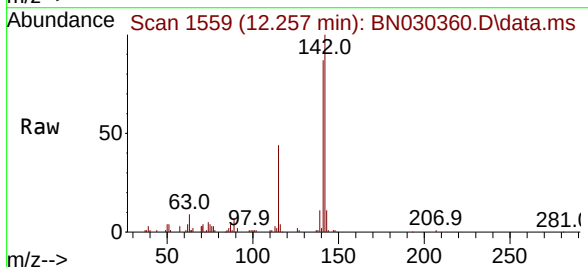
Manual Integrations
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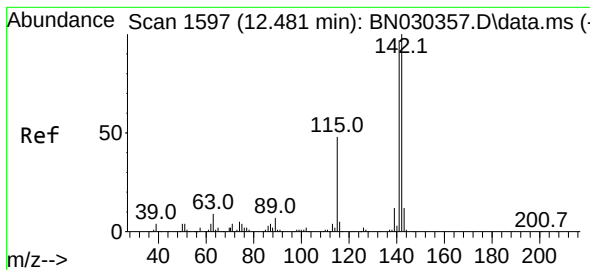
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024



#36
 2-Methylnaphthalene
 Concen: 4.087 ng/ul
 RT: 12.257 min Scan# 1559
 Delta R.T. -0.006 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

Tgt Ion:	142	Resp:	68972
Ion Ratio	Lower	Upper	
142	100		
141	86.5	72.3	108.5





#37

1-Methylnaphthalene

Concen: 4.312 ng/ul

RT: 12.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN030360.D

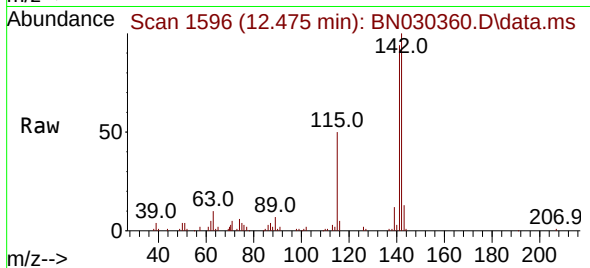
Acq: 11 Mar 2024 13:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-01



Tgt Ion:142 Resp: 71934

Ion Ratio Lower Upper

142 100

141 93.5 71.7 107.5

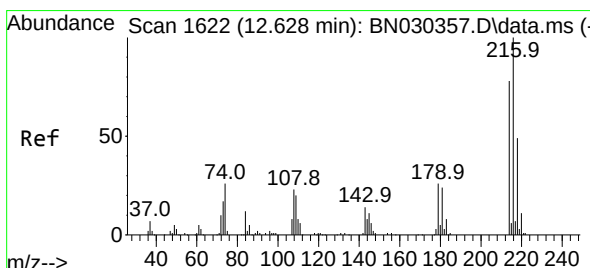
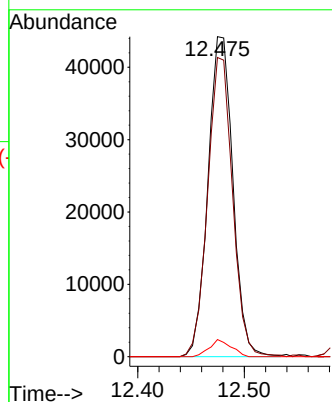
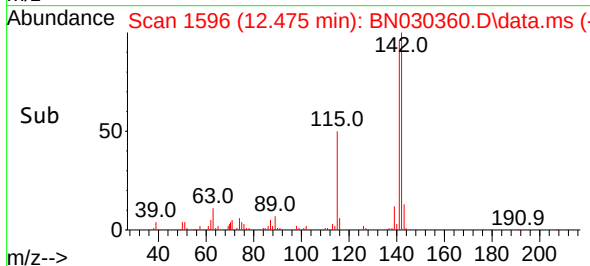
116 5.4 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.440 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Tgt Ion:216 Resp: 34881

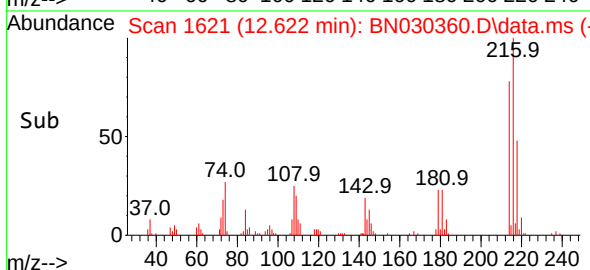
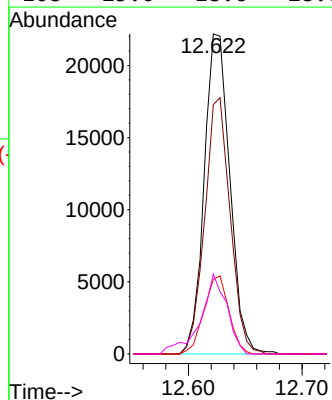
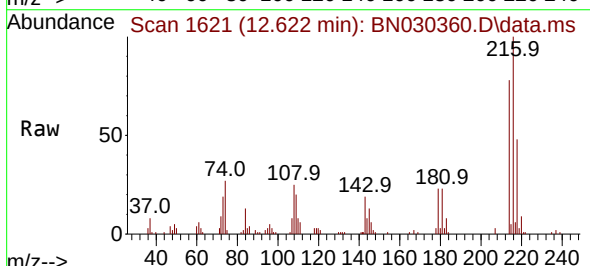
Ion Ratio Lower Upper

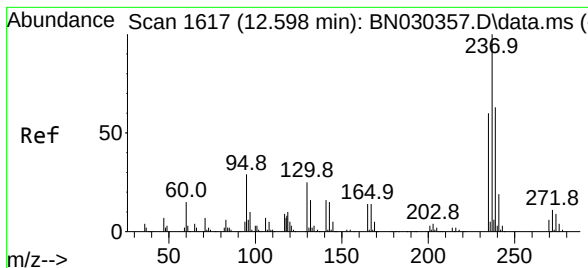
216 100

214 77.9 61.1 91.7

179 23.3 19.4 29.2

108 25.0 18.6 28.0





#40

Hexachlorocyclopentadiene

Concen: 4.198 ng/ul

RT: 12.592 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-01

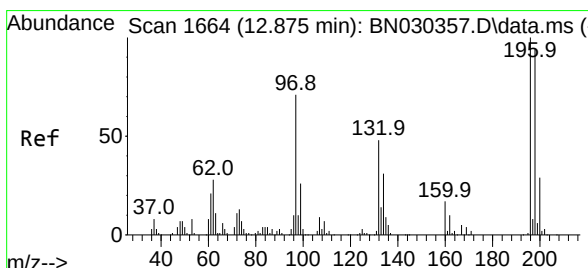
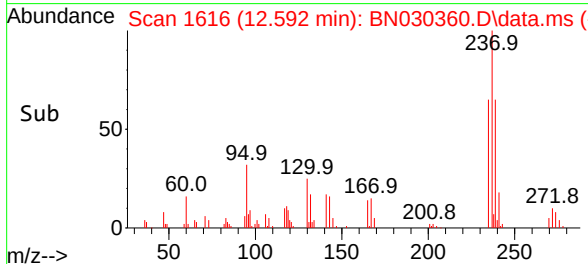
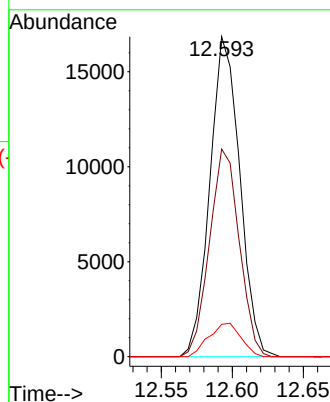
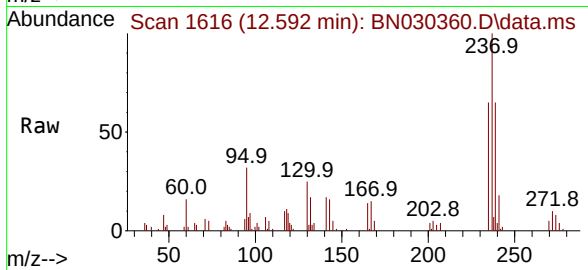
Tgt Ion:	237	Resp:	2470
Ion Ratio	Lower	Upper	
237	100		
235	64.9	54.2	81.4
272	10.1	11.4	17.0

Manual Integrations

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Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#41

2,4,6-Trichlorophenol

Concen: 3.915 ng/ul

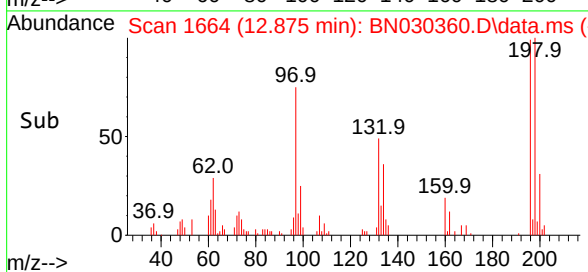
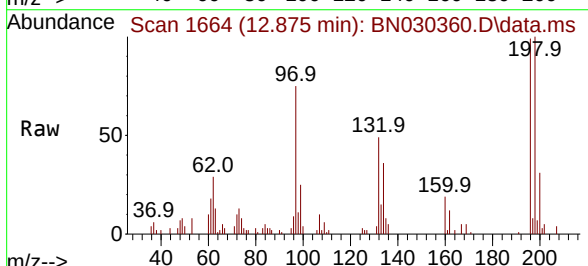
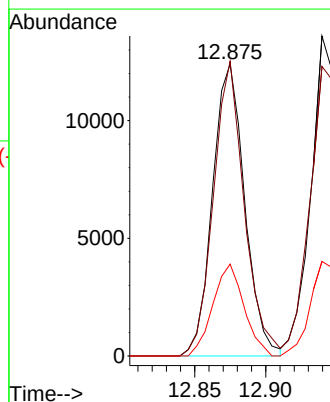
RT: 12.875 min Scan# 1664

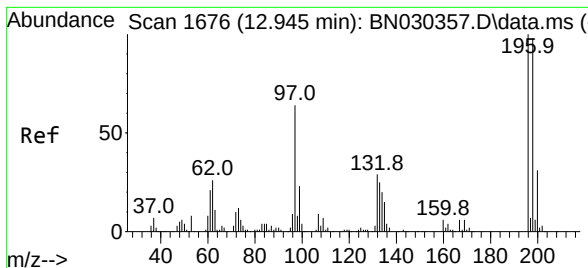
Delta R.T. -0.000 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

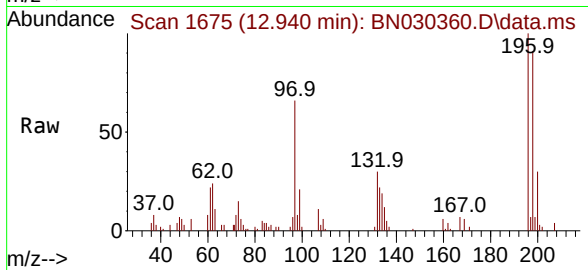
Tgt Ion:	196	Resp:	19512
Ion Ratio	Lower	Upper	
196	100		
198	101.0	73.8	110.8
200	31.5	25.1	37.7





#42
2,4,5-Trichlorophenol
Concen: 4.072 ng/ul
RT: 12.940 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

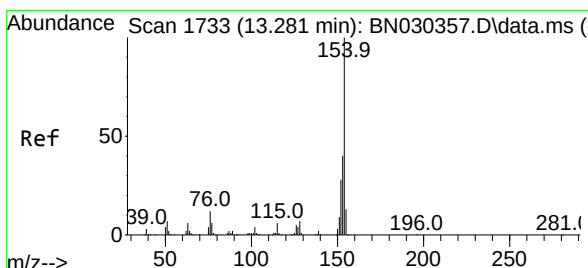
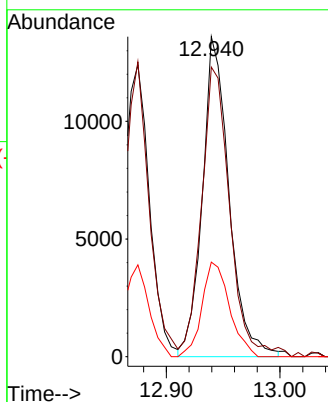
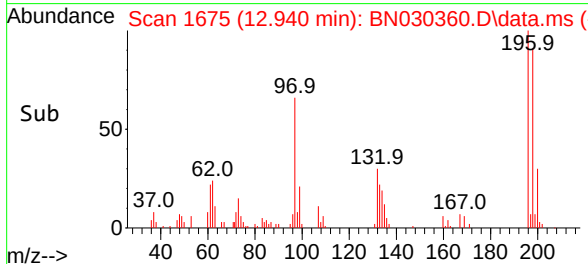
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



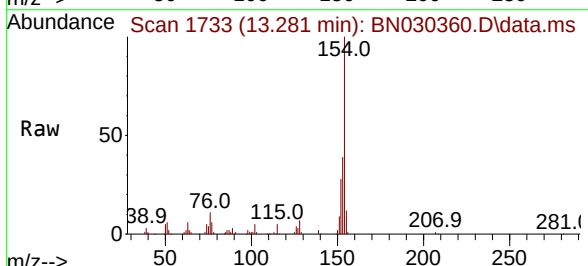
Tgt Ion:196 Resp: 22180
Ion Ratio Lower Upper
196 100
198 90.5 76.6 114.8
200 29.5 25.0 37.6

Manual Integrations
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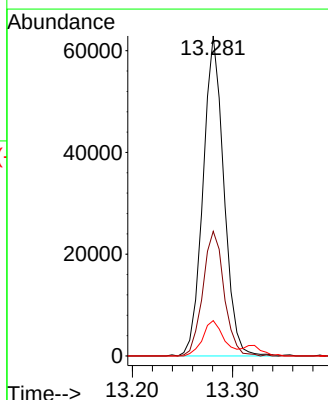
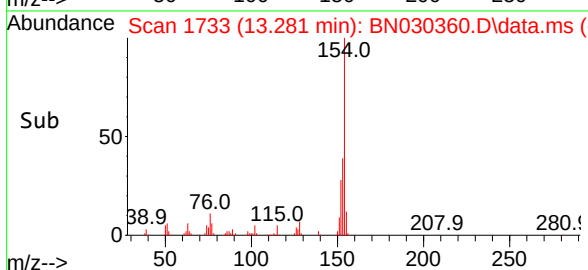
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

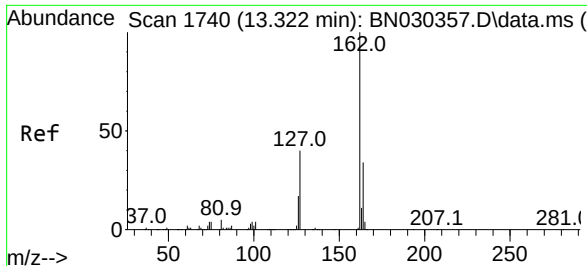


#43
1,1'-Biphenyl
Concen: 4.333 ng/ul
RT: 13.281 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



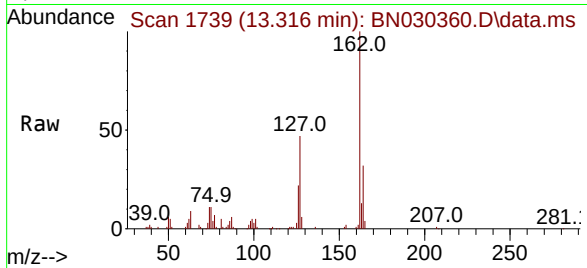
Tgt Ion:154 Resp: 90969
Ion Ratio Lower Upper
154 100
153 39.0 31.4 47.0
76 11.0 9.1 13.7





#44
2-Chloronaphthalene
Concen: 4.336 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

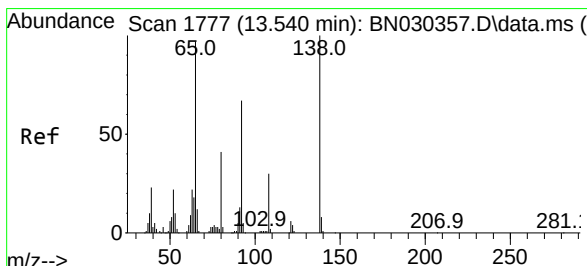
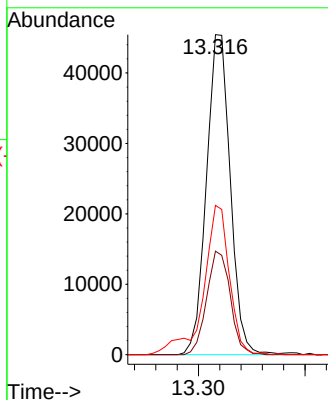
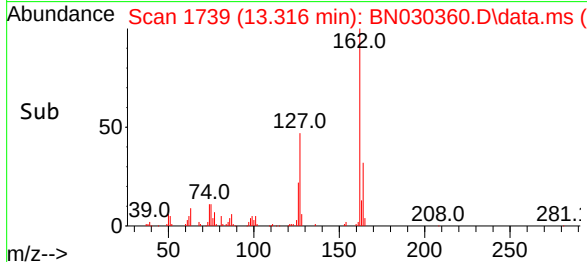
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:162 Resp: 70708
Ion Ratio Lower Upper
162 100
164 32.4 26.1 39.1
127 46.7 37.3 55.9

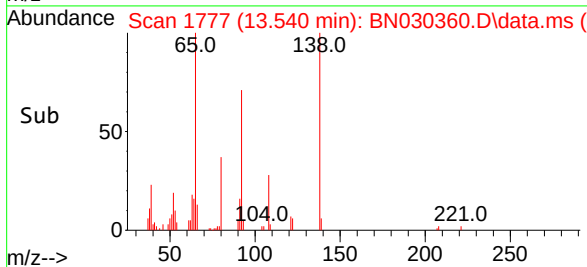
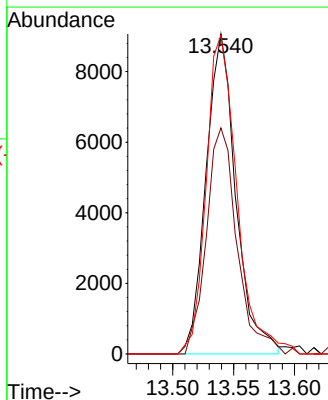
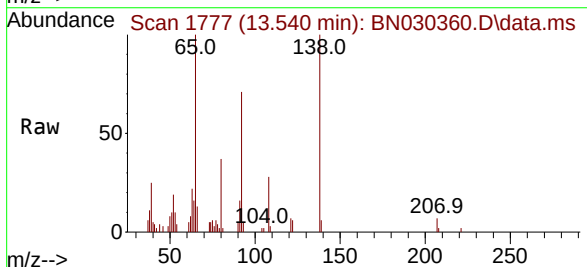
Manual Integrations
APPROVED

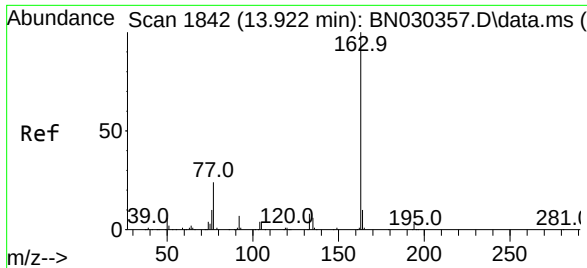
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#45
2-Nitroaniline
Concen: 3.288 ng/ul
RT: 13.540 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

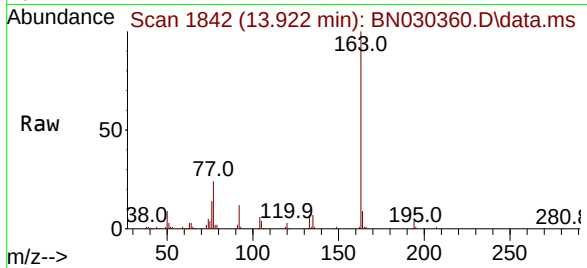
Tgt Ion: 65 Resp: 15460
Ion Ratio Lower Upper
65 100
92 70.6 53.4 80.0
138 99.6 79.8 119.6





#47
Dimethylphthalate
Concen: 4.272 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

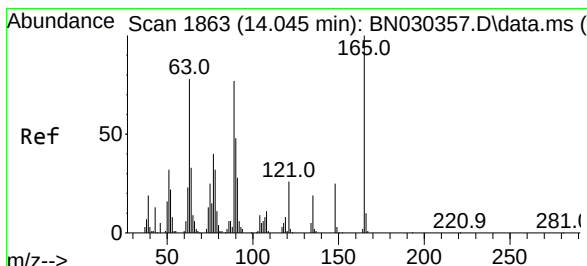
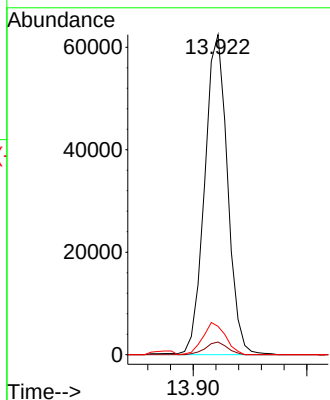
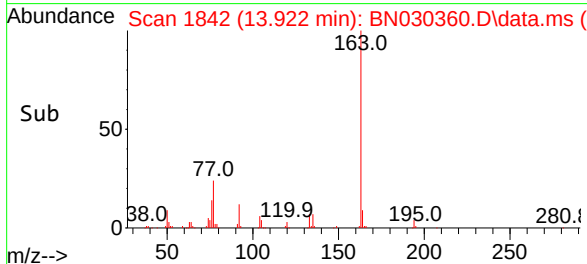
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



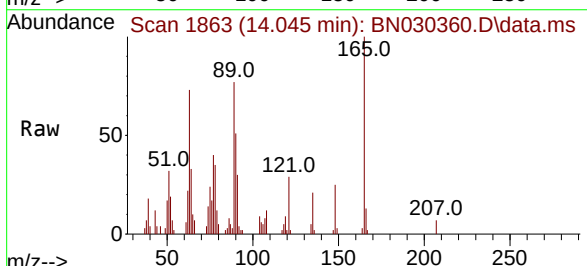
Tgt Ion:163 Resp: 87084
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 8.8 8.0 12.0

Manual Integrations
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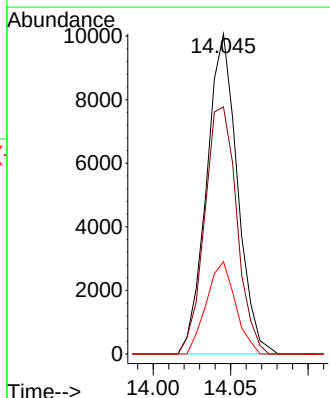
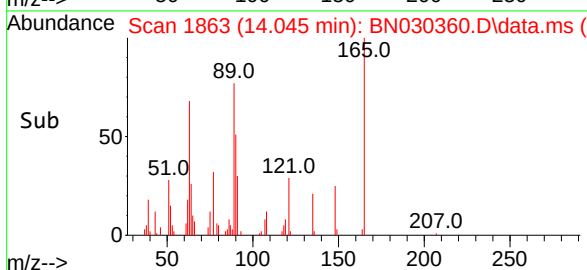
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

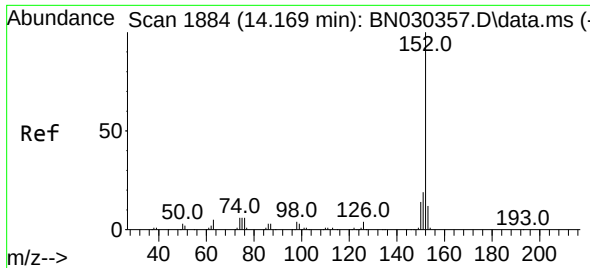


#48
2,6-Dinitrotoluene
Concen: 3.533 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



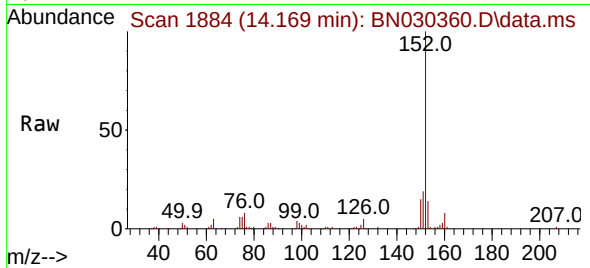
Tgt Ion:165 Resp: 13910
Ion Ratio Lower Upper
165 100
89 77.2 58.1 87.1
121 28.9 20.4 30.6





#50
Acenaphthylene
Concen: 4.364 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

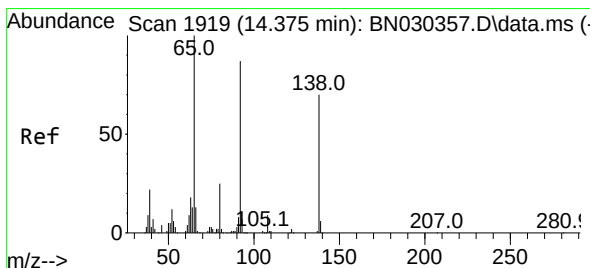
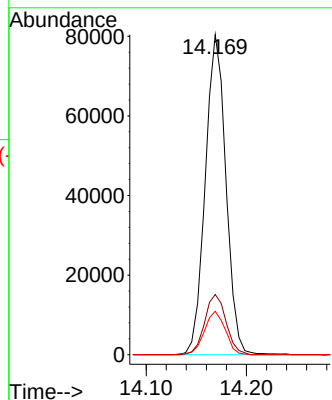
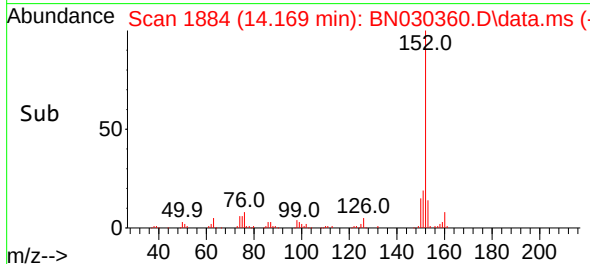
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



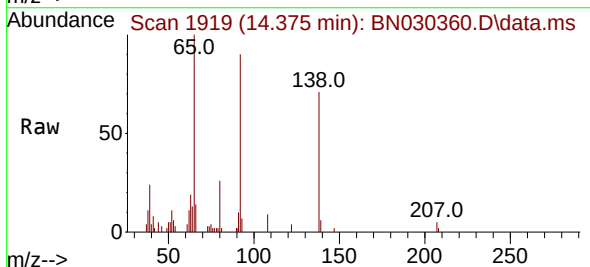
Tgt Ion:152 Resp: 115380
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.6
153 13.5 10.7 16.1

Manual Integrations
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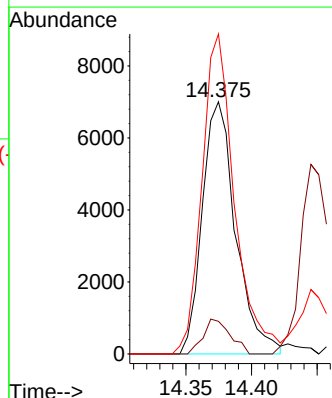
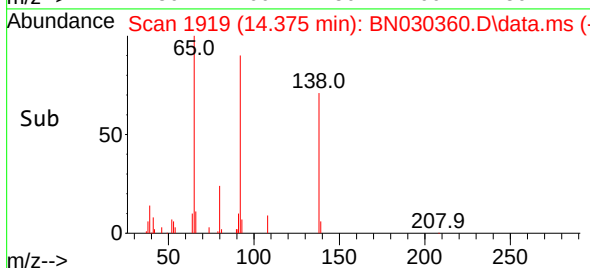
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

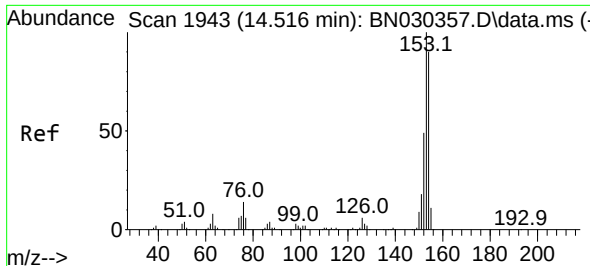


#51
3-Nitroaniline
Concen: 3.223 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



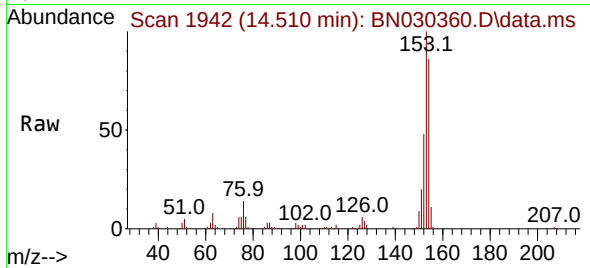
Tgt Ion:138 Resp: 12433
Ion Ratio Lower Upper
138 100
108 13.0 8.6 12.8#
92 126.9 93.3 139.9





#52
Acenaphthene
Concen: 4.348 ng/ul
RT: 14.510 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

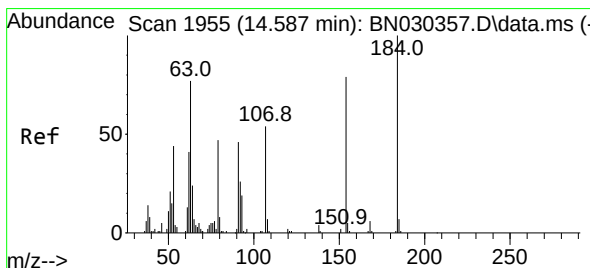
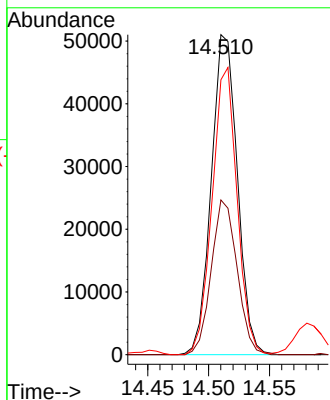
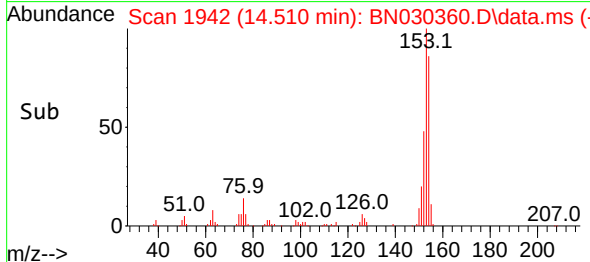
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:153 Resp: 76164
Ion Ratio Lower Upper
153 100
152 48.4 38.5 57.7
154 85.9 70.6 105.8

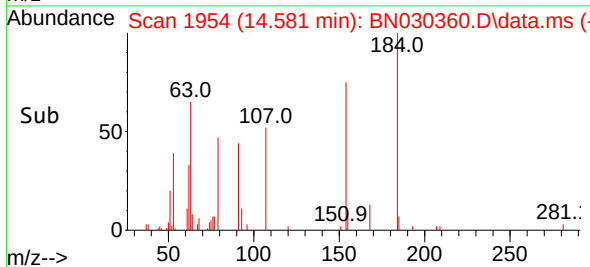
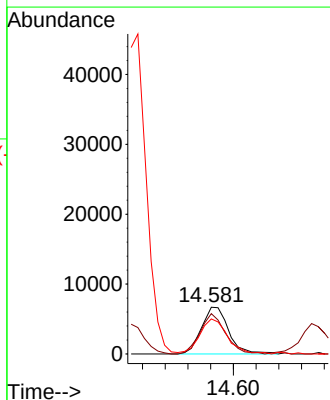
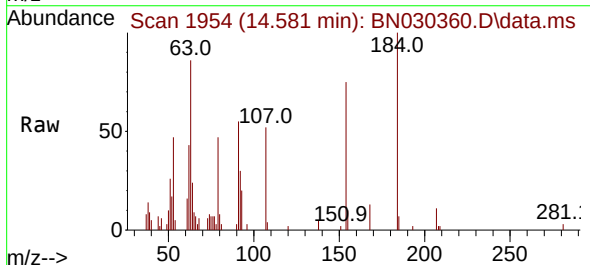
Manual Integrations
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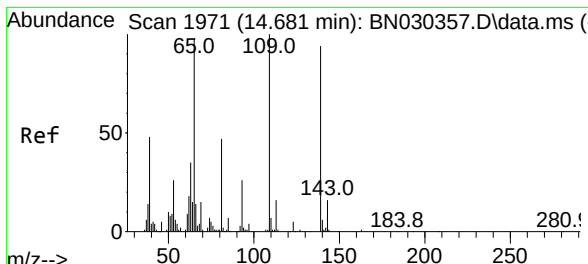
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#53
2,4-Dinitrophenol
Concen: 5.031 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

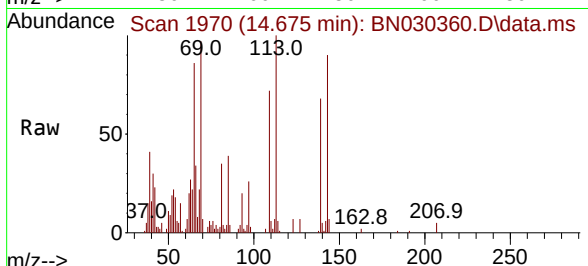
Tgt Ion:184 Resp: 11128
Ion Ratio Lower Upper
184 100
63 86.4 66.7 100.1
154 75.0 65.4 98.2





#55
 4-Nitrophenol
 Concen: 4.034 ng/ul
 RT: 14.675 min Scan# 1970
 Delta R.T. -0.006 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

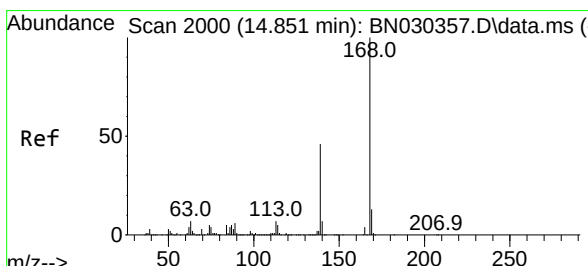
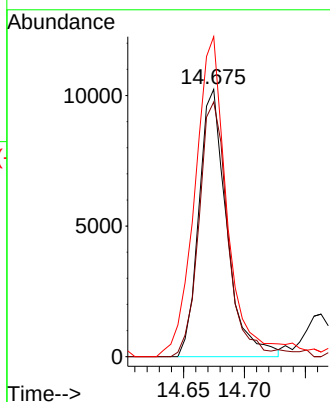
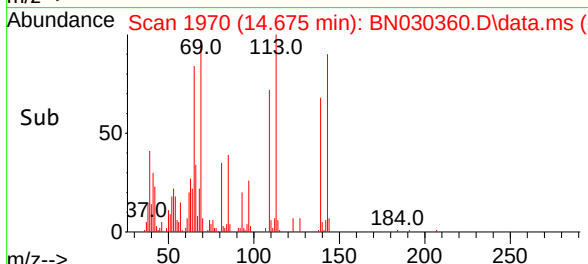
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:109 Resp: 16260
 Ion Ratio Lower Upper
 109 100
 139 95.3 77.0 115.4
 65 119.7 81.6 122.4

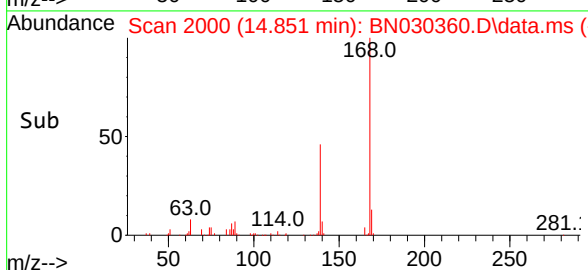
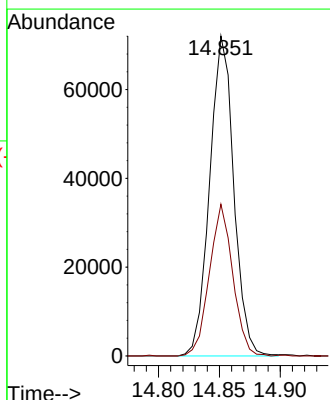
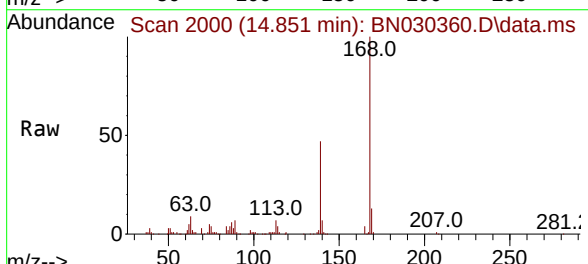
Manual Integrations
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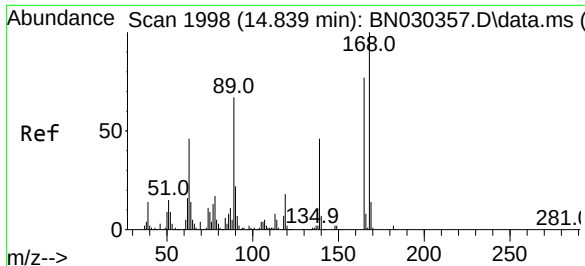
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024



#56
 Dibenzofuran
 Concen: 4.258 ng/ul
 RT: 14.851 min Scan# 2000
 Delta R.T. -0.000 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

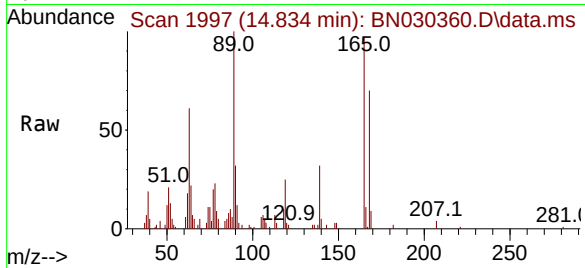
Tgt Ion:168 Resp: 99474
 Ion Ratio Lower Upper
 168 100
 139 47.4 35.4 53.0





#57
2,4-Dinitrotoluene
Concen: 3.730 ng/ul
RT: 14.834 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

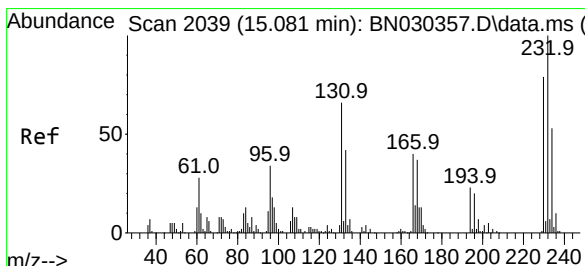
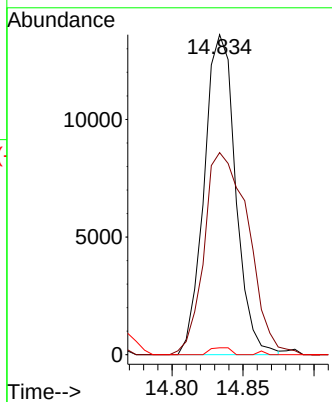
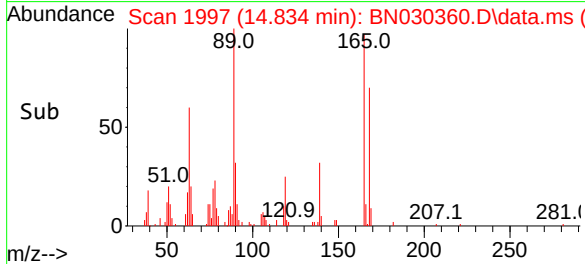
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:165 Resp: 2095
Ion Ratio Lower Upper
165 100
63 63.2 48.6 72.8
182 2.1 2.1 3.1

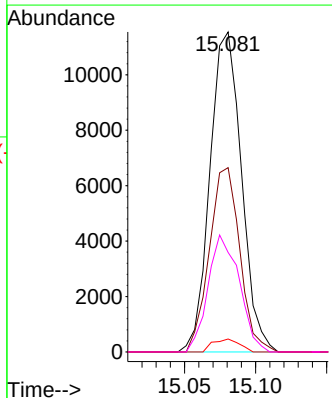
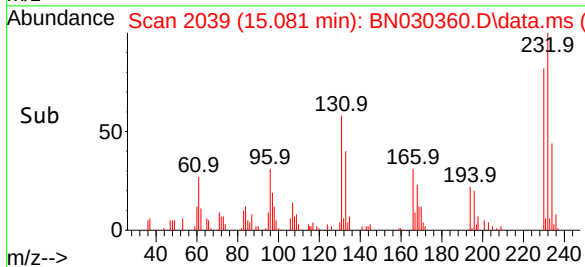
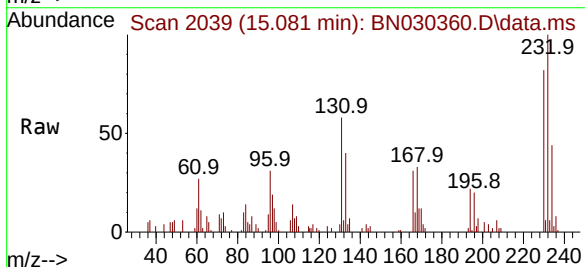
Manual Integrations
APPROVED

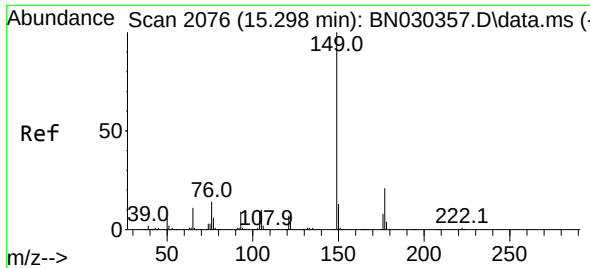
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.064 ng/ul
RT: 15.081 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

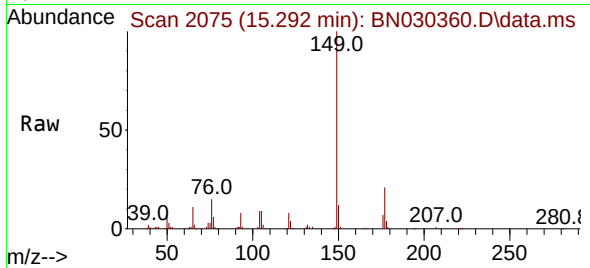
Tgt Ion:232 Resp: 17814
Ion Ratio Lower Upper
232 100
131 57.6 46.4 69.6
130 4.0 2.7 4.1
166 31.1 28.0 42.0





#59
Diethylphthalate
Concen: 3.982 ng/ul
RT: 15.292 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

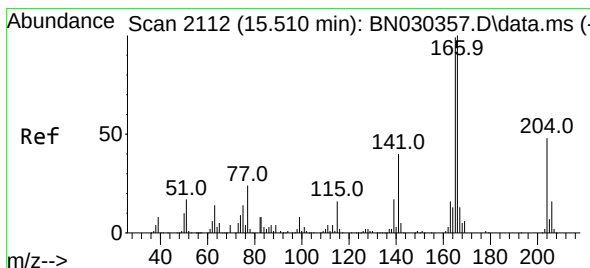
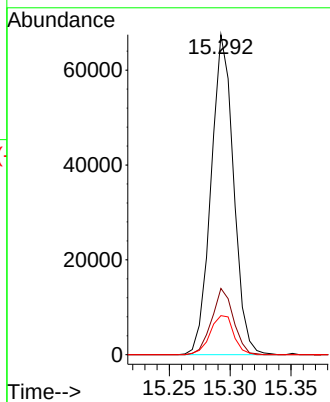
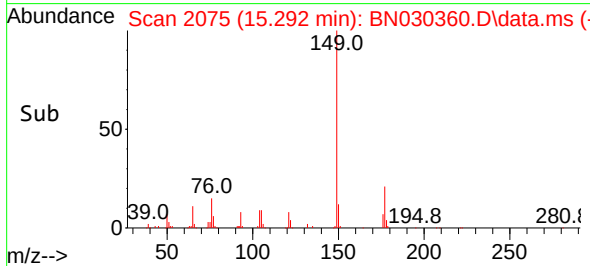
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



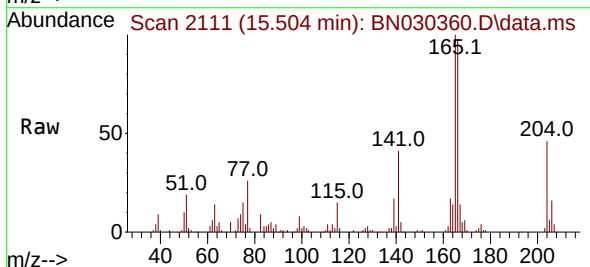
Tgt Ion:149 Resp: 86759
Ion Ratio Lower Upper
149 100
177 20.7 16.0 24.0
150 12.2 9.9 14.9

Manual Integrations
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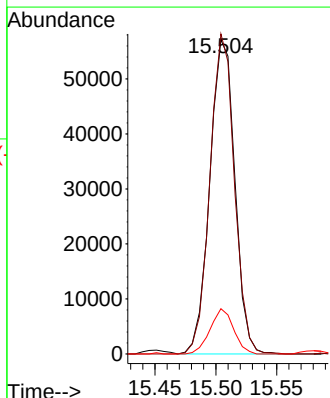
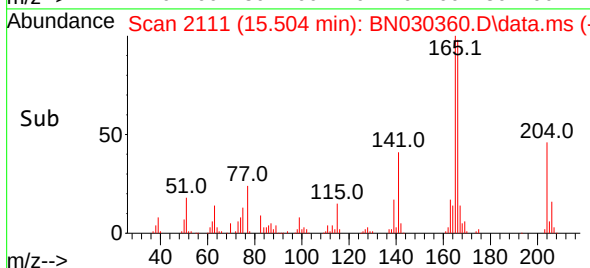
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

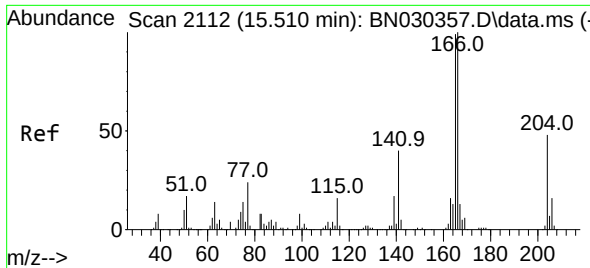


#61
Fluorene
Concen: 4.243 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



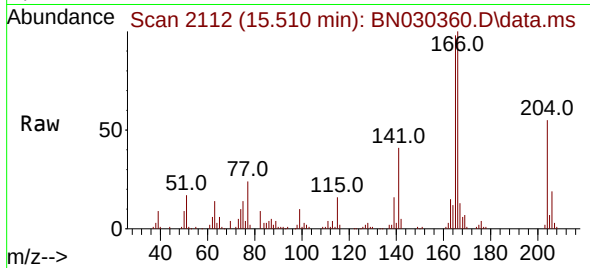
Tgt Ion:166 Resp: 81829
Ion Ratio Lower Upper
166 100
165 101.8 80.1 120.1
167 14.4 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.377 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

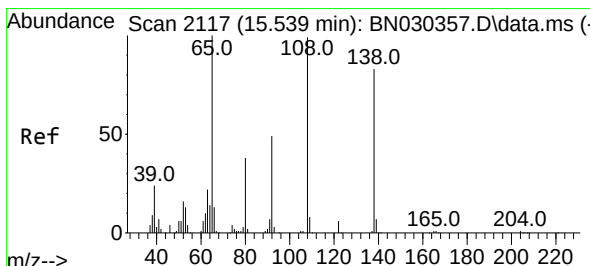
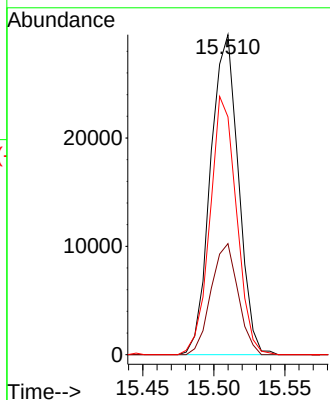
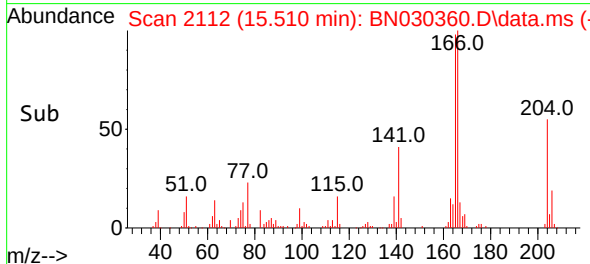
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:204 Resp: 40414
Ion Ratio Lower Upper
204 100
206 34.7 26.6 40.0
141 74.3 61.6 92.4

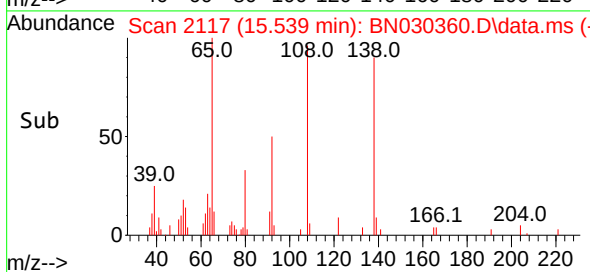
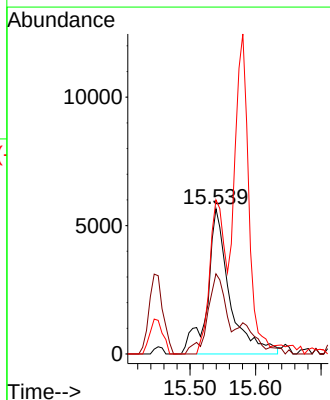
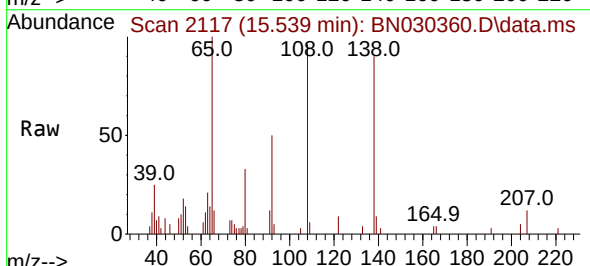
Manual Integrations
APPROVED

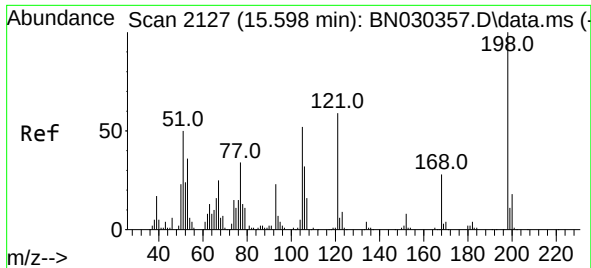
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#63
4-Nitroaniline
Concen: 3.706 ng/ul m
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

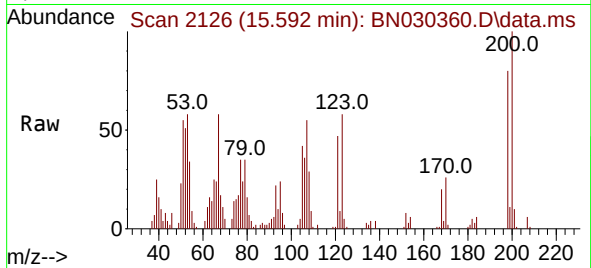
Tgt Ion:138 Resp: 13237
Ion Ratio Lower Upper
138 100
92 55.2 46.2 69.4
108 106.0 93.2 139.8





#66
4,6-Dinitro-2-methylphenol
Concen: 4.491 ng/ul
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

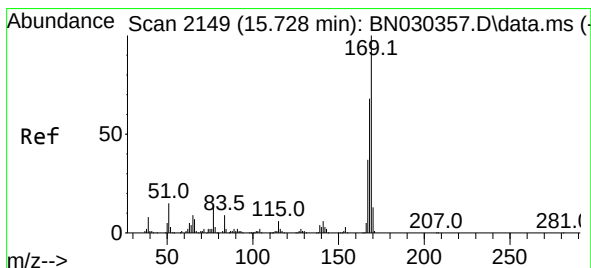
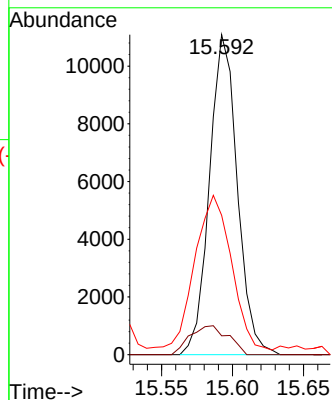
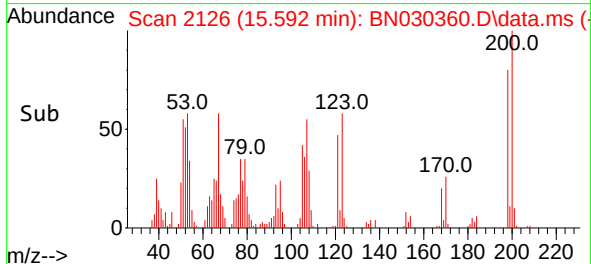
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:198 Resp: 1511
Ion Ratio Lower Upper
198 100
182 5.9 3.0 4.4
77 43.6 29.7 44.5

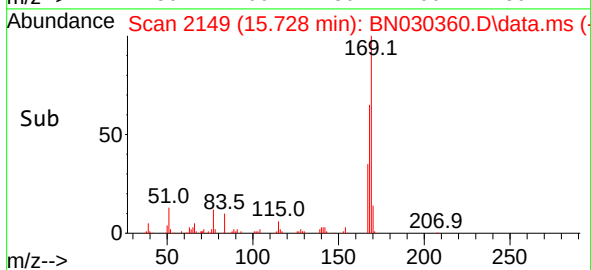
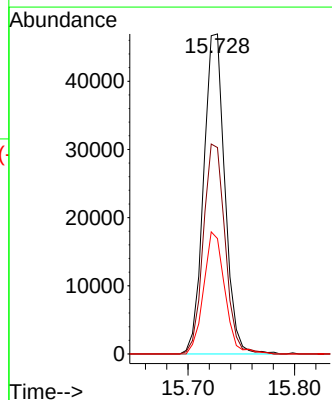
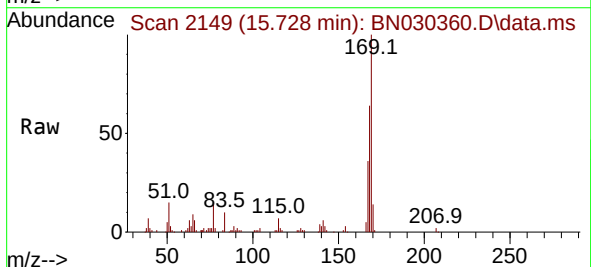
Manual Integrations
APPROVED

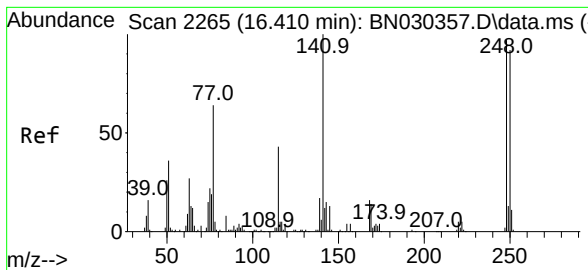
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#67
N-Nitrosodiphenylamine
Concen: 4.132 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

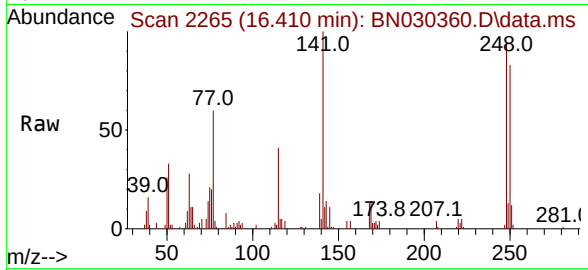
Tgt Ion:169 Resp: 65097
Ion Ratio Lower Upper
169 100
168 64.5 54.1 81.1
167 36.0 30.2 45.2





#68
4-Bromophenyl-phenylether
Concen: 4.207 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

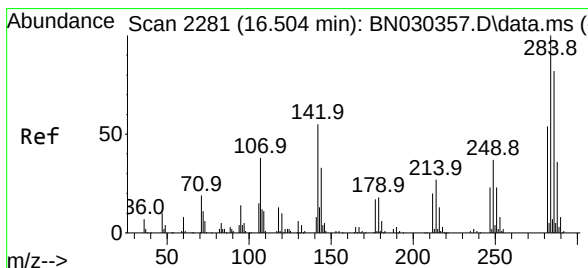
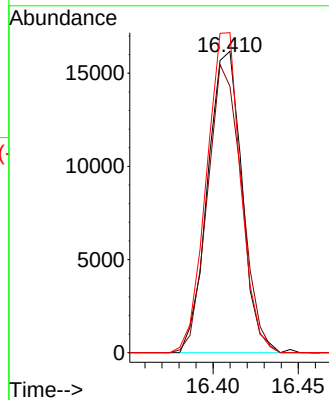
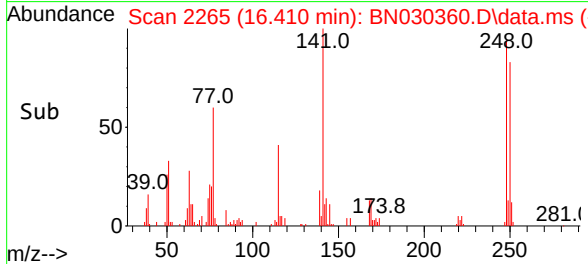
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-01



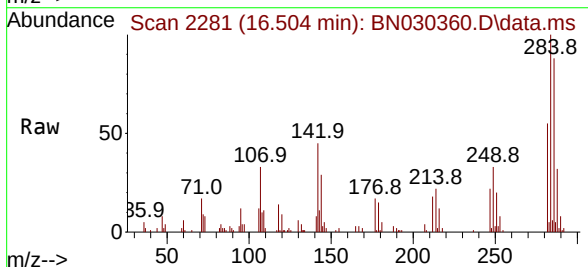
Tgt Ion:248 Resp: 22510
Ion Ratio Lower Upper
248 100
250 88.3 74.6 112.0
141 106.1 73.4 110.0

Manual Integrations
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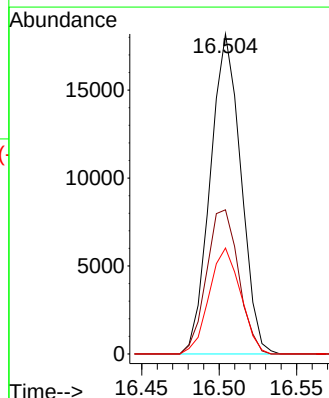
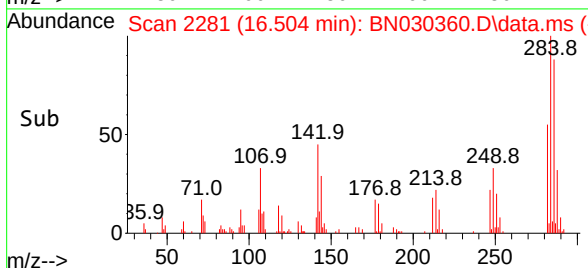
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

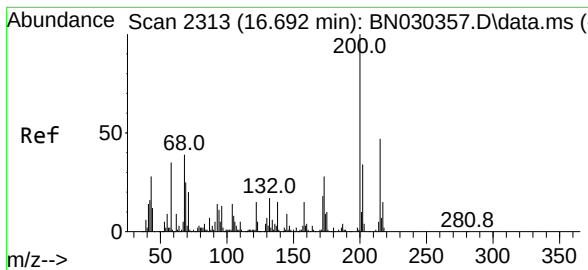


#69
Hexachlorobenzene
Concen: 4.265 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



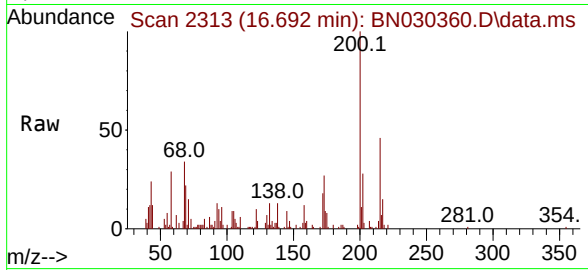
Tgt Ion:284 Resp: 24992
Ion Ratio Lower Upper
284 100
142 45.1 41.3 61.9
249 33.1 28.1 42.1





#70
 Atrazine
 Concen: 4.649 ng/ul
 RT: 16.692 min Scan# 2313
 Delta R.T. -0.000 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

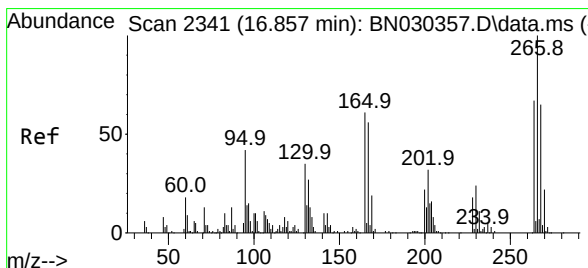
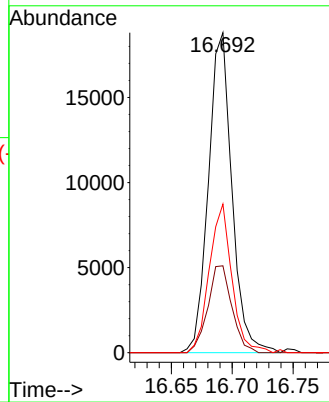
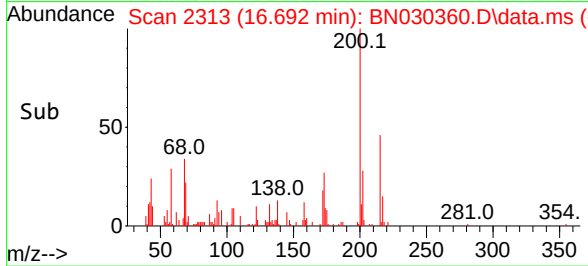
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:200 Resp: 2521
 Ion Ratio Lower Upper
 200 100
 173 27.2 23.3 34.9
 215 46.5 36.5 54.7

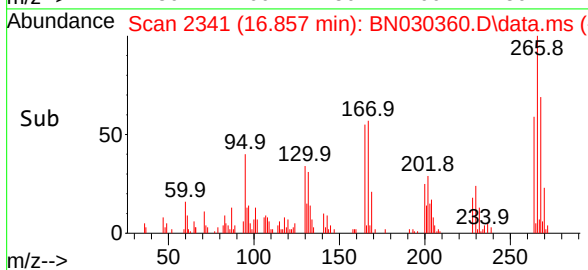
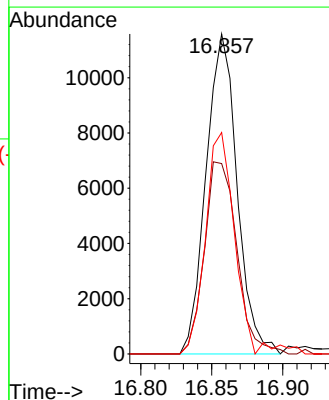
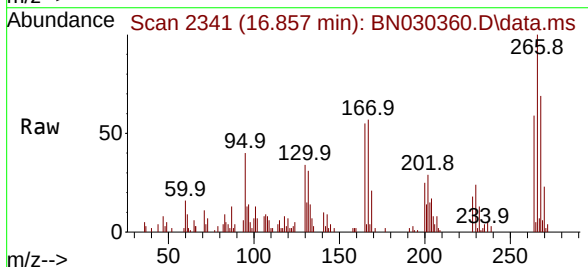
Manual Integrations
 APPROVED

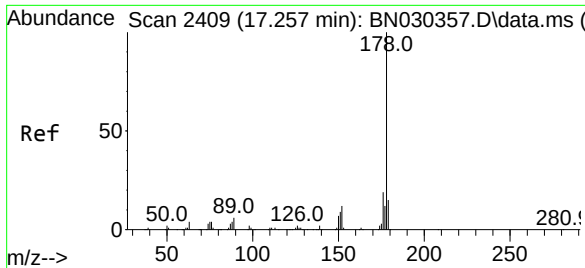
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024



#71
 Pentachlorophenol
 Concen: 4.447 ng/ul
 RT: 16.857 min Scan# 2341
 Delta R.T. -0.000 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

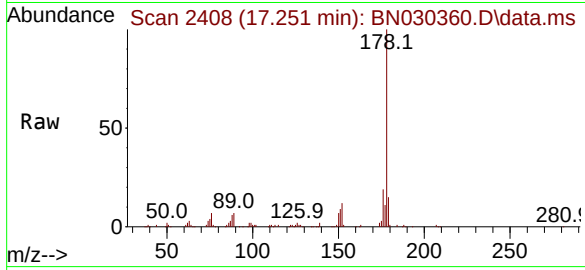
Tgt Ion:266 Resp: 17632
 Ion Ratio Lower Upper
 266 100
 264 59.5 53.1 79.7
 268 69.2 48.8 73.2





#72
Phenanthrene
Concen: 4.211 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

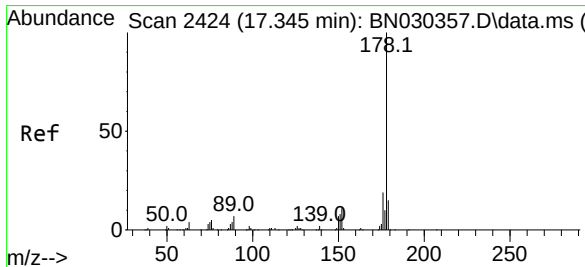
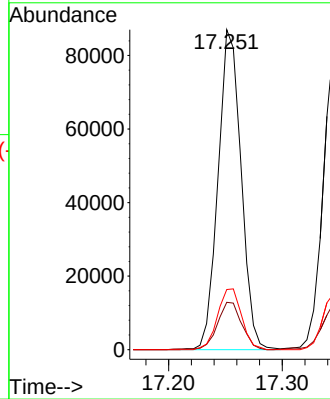
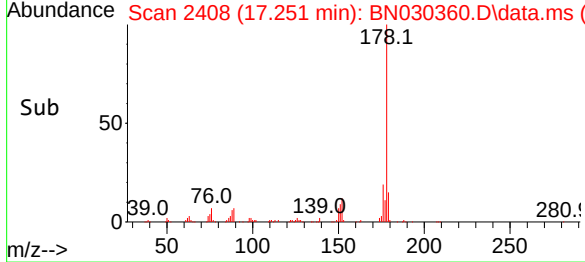
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:178 Resp: 122632
Ion Ratio Lower Upper
178 100
179 14.8 12.8 19.2
176 18.8 15.4 23.0

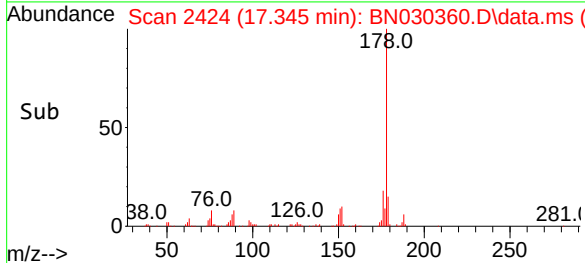
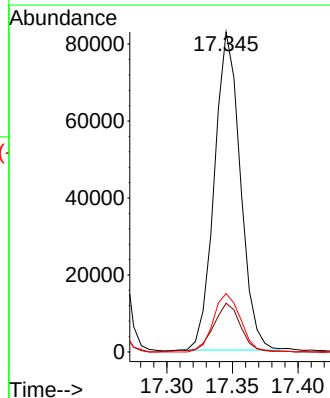
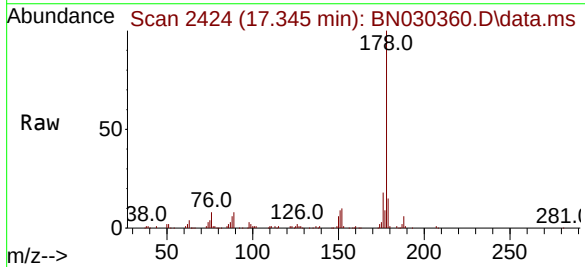
Manual Integrations
APPROVED

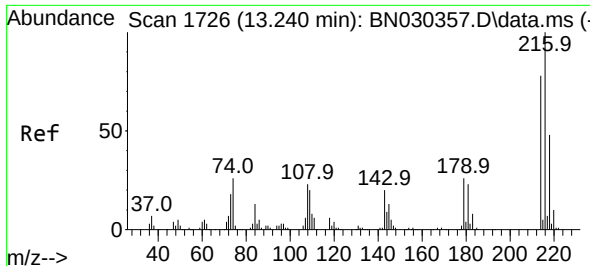
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#74
Anthracene
Concen: 3.841 ng/ul
RT: 17.345 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

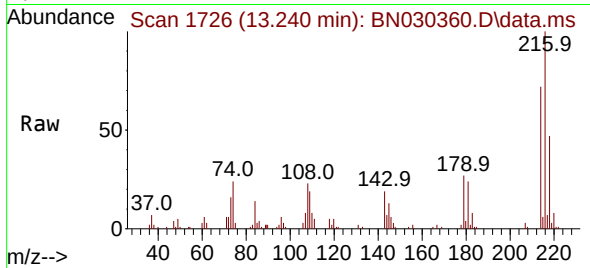
Tgt Ion:178 Resp: 113801
Ion Ratio Lower Upper
178 100
179 15.3 11.9 17.9
176 18.3 14.6 22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.376 ng/uL
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

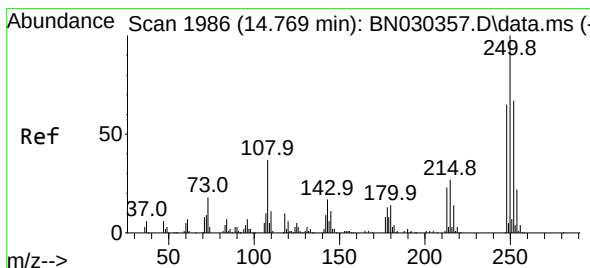
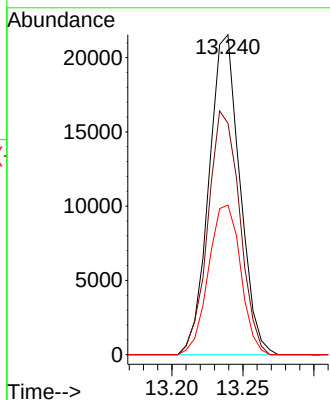
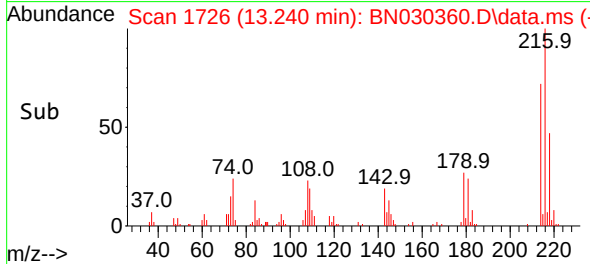
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



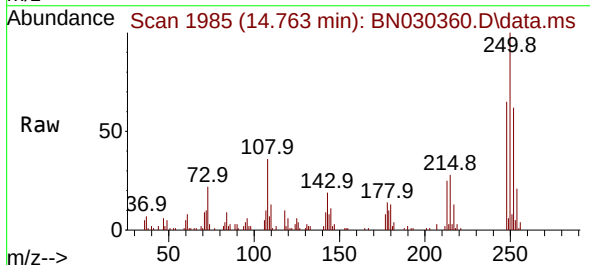
Tgt Ion:216 Resp: 32620
Ion Ratio Lower Upper
216 100
214 72.3 63.3 94.9
218 46.7 39.6 59.4

Manual Integrations
APPROVED

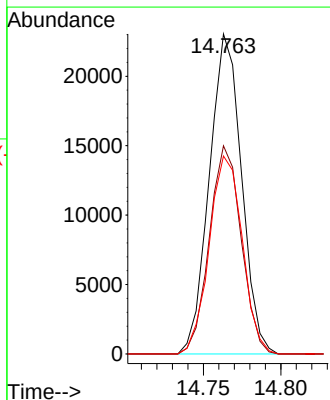
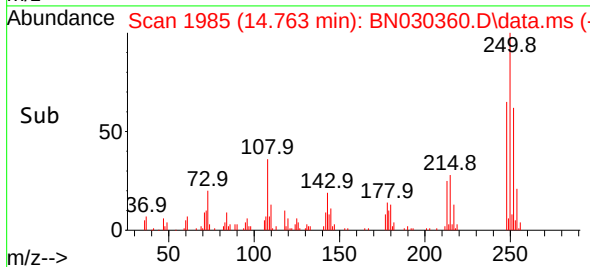
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

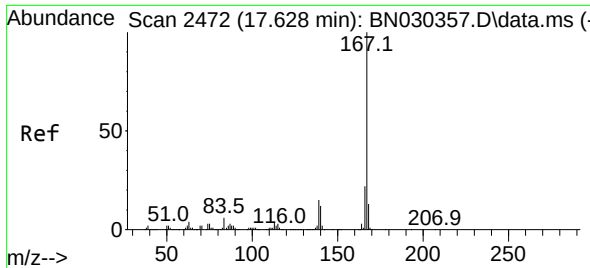


#76
Pentachlorobenzene
Concen: 4.783 ng/uL
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51



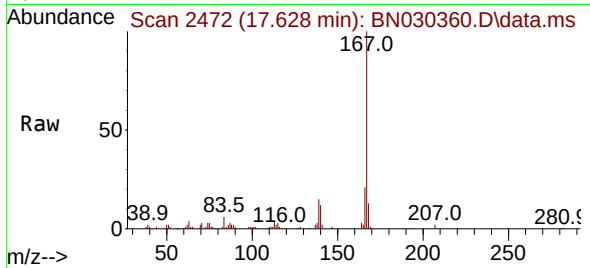
Tgt Ion:250 Resp: 33248
Ion Ratio Lower Upper
250 100
248 65.1 51.0 76.6
252 61.9 49.1 73.7





#77
 Carbazole
 Concen: 3.620 ng/ul
 RT: 17.628 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51

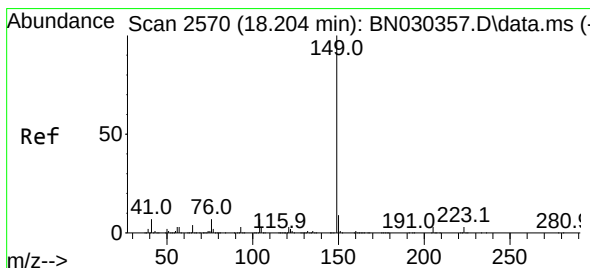
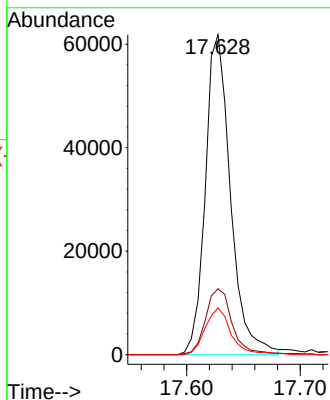
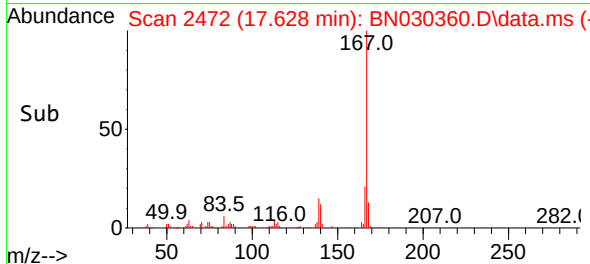
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-01



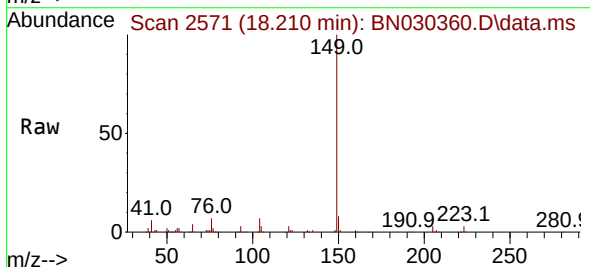
Tgt Ion:167 Resp: 95249
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.3 25.9
 139 14.6 11.9 17.9

Manual Integrations
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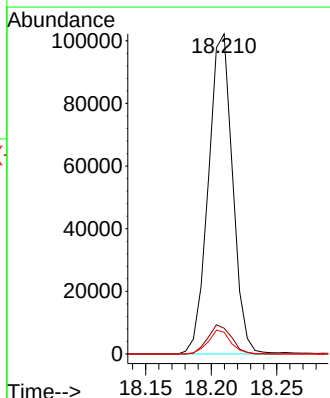
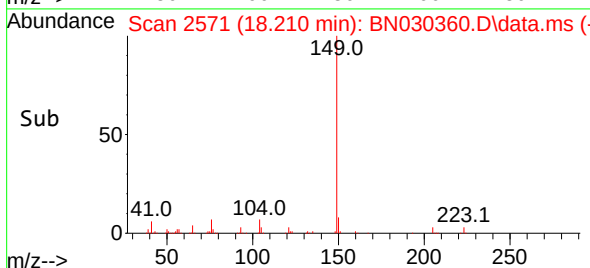
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

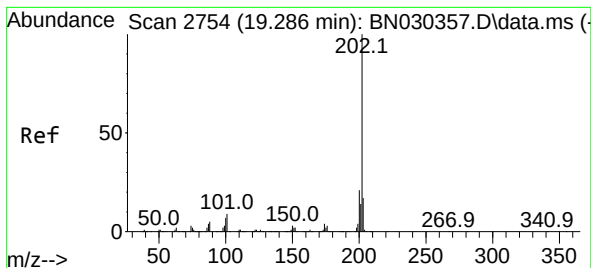


#78
 Di-n-butylphthalate
 Concen: 3.593 ng/ul
 RT: 18.210 min Scan# 2571
 Delta R.T. 0.006 min
 Lab File: BN030360.D
 Acq: 11 Mar 2024 13:51



Tgt Ion:149 Resp: 131357
 Ion Ratio Lower Upper
 149 100
 150 8.1 7.4 11.0
 104 6.8 5.3 7.9





#80

Fluoranthene

Concen: 3.965 ng/ul

RT: 19.286 min Scan# 2754

Delta R.T. 0.006 min

Lab File: BN030360.D

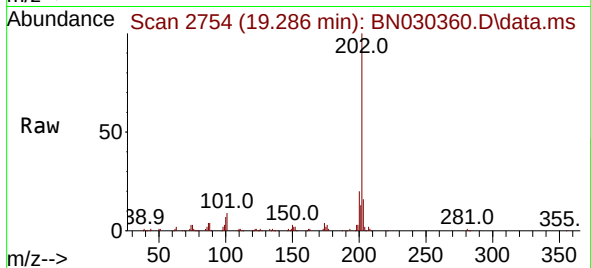
Acq: 11 Mar 2024 13:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-01



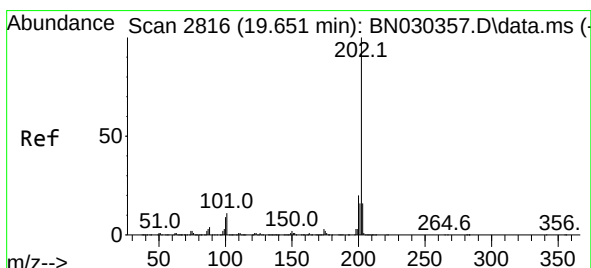
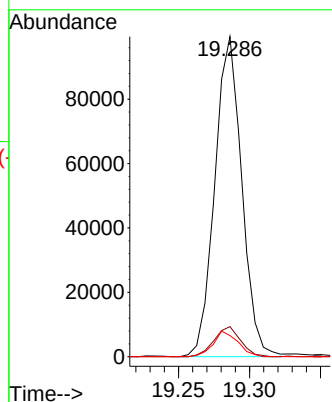
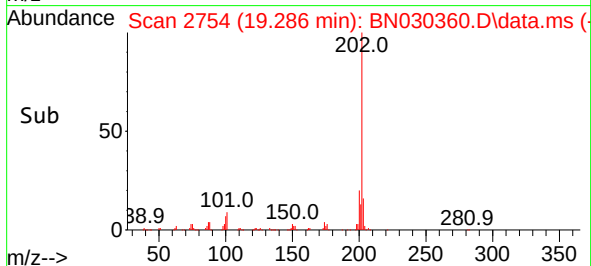
Tgt Ion:	202	Resp:	131319
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.2	12.2
100	6.6	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#82

Pyrene

Concen: 4.103 ng/ul

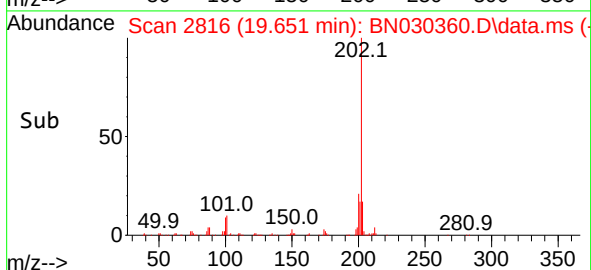
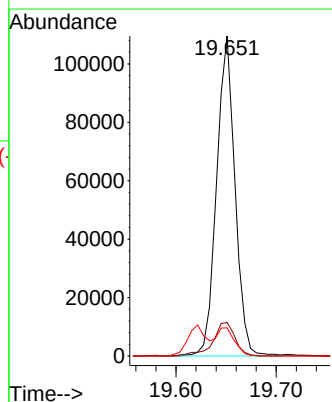
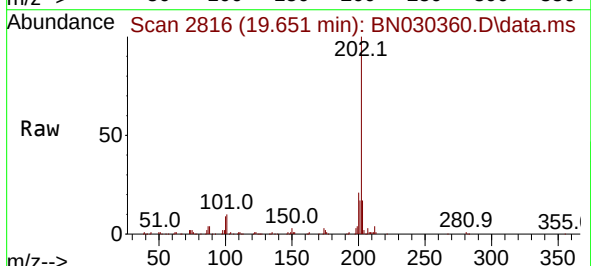
RT: 19.651 min Scan# 2816

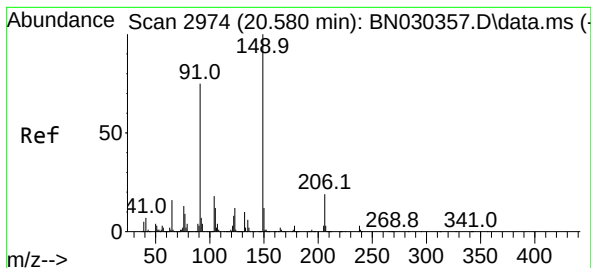
Delta R.T. -0.000 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Tgt Ion:	202	Resp:	139686
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.4	14.0
100	8.8	7.8	11.8





#83

Butylbenzylphthalate

Concen: 3.250 ng/ul

RT: 20.580 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-01

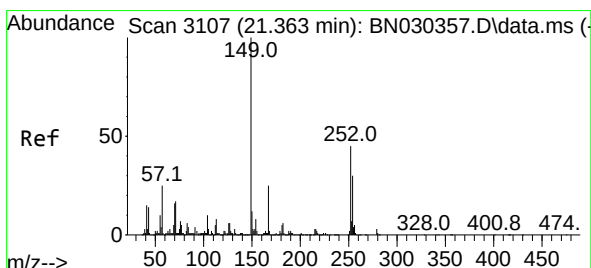
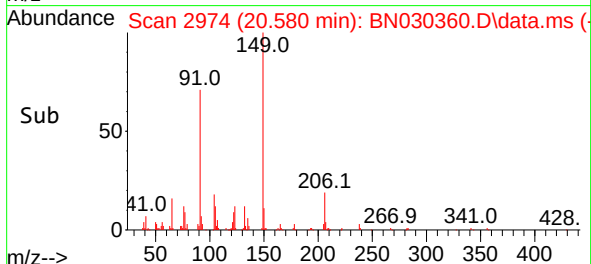
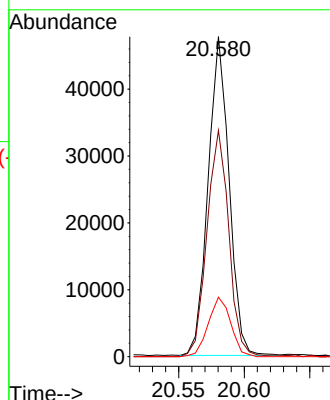
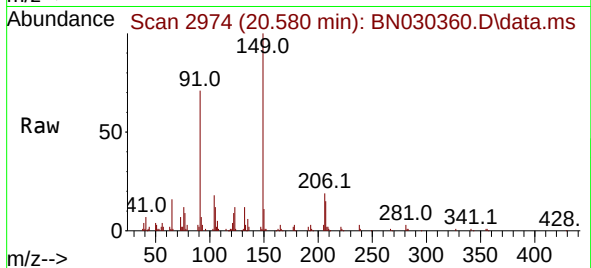
Tgt Ion:	149	Resp:	53000
Ion Ratio	Lower	Upper	
149	100		
91	70.7	60.9	91.3
206	18.6	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.161 ng/ul

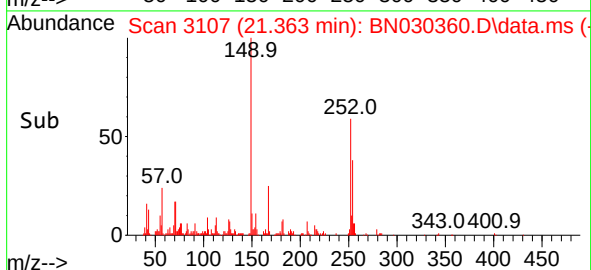
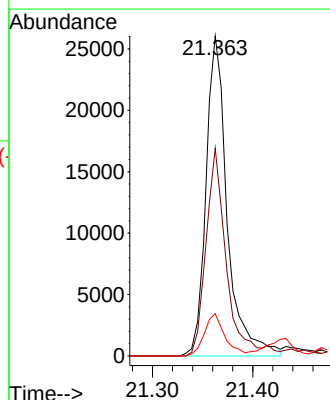
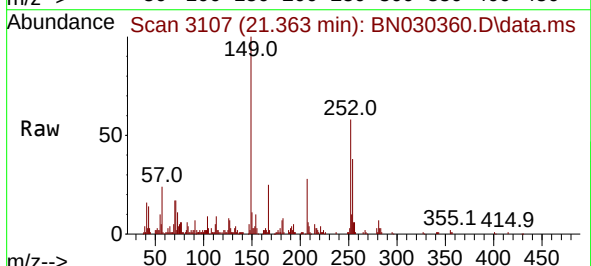
RT: 21.363 min Scan# 3107

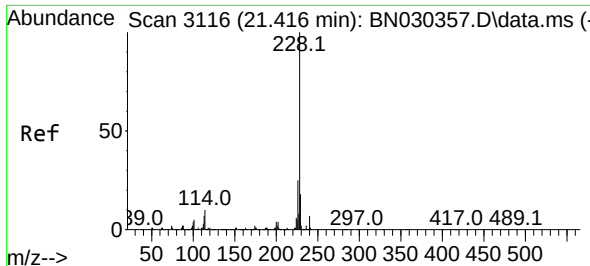
Delta R.T. 0.006 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

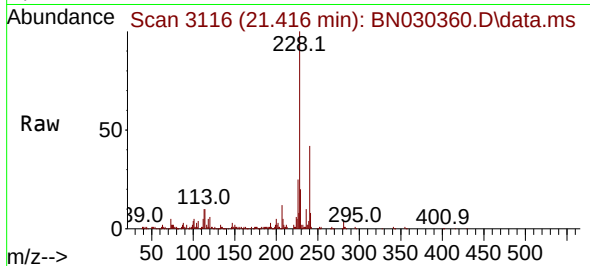
Tgt Ion:	252	Resp:	38487
Ion Ratio	Lower	Upper	
252	100		
254	64.9	49.2	73.8
126	13.2	10.4	15.6





#85
Benzo(a)anthracene
Concen: 4.196 ng/ul
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

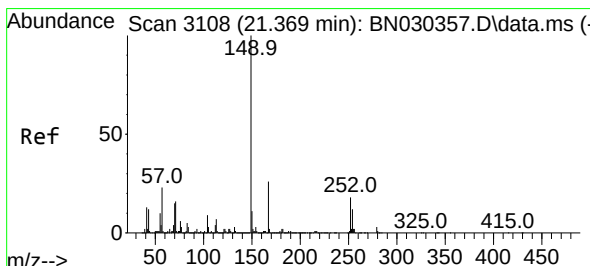
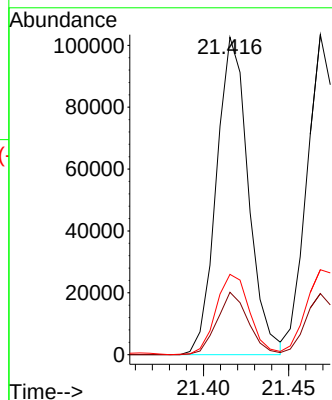
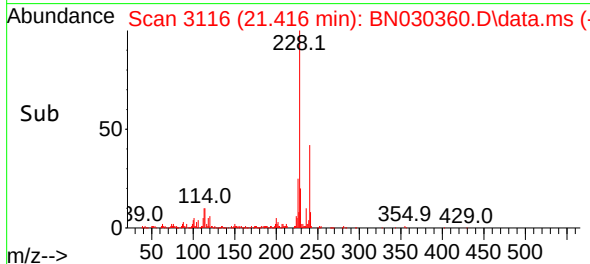
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:228 Resp: 13402
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 25.3 21.6 32.4

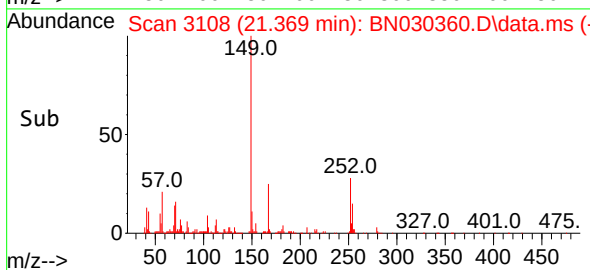
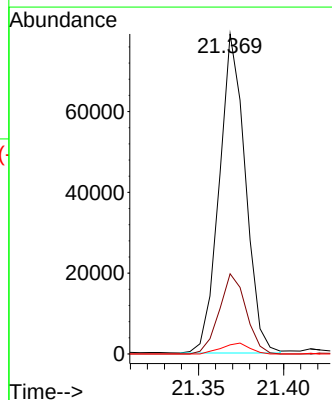
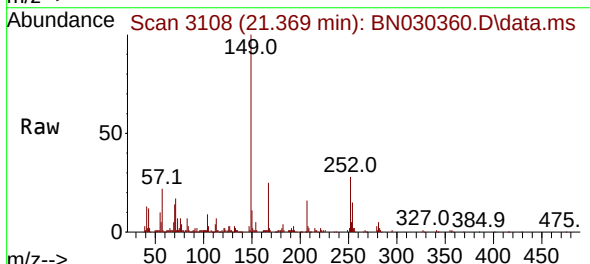
Manual Integrations
APPROVED

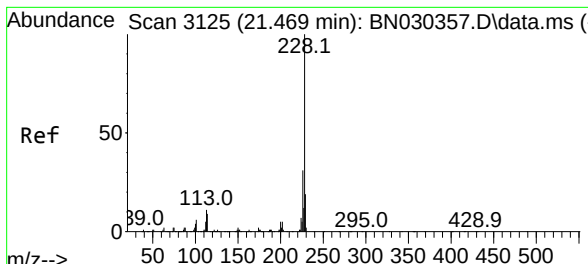
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.409 ng/ul
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

Tgt Ion:149 Resp: 84164
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.6
279 2.9 2.6 4.0





#87

Chrysene

Concen: 4.366 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BN030360.D

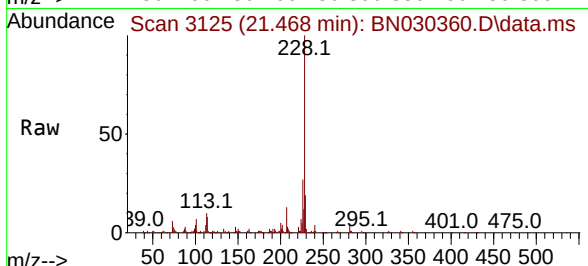
Acq: 11 Mar 2024 13:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-01



Tgt Ion:228 Resp: 129348

Ion Ratio Lower Upper

228 100

226 26.6 23.0 34.6

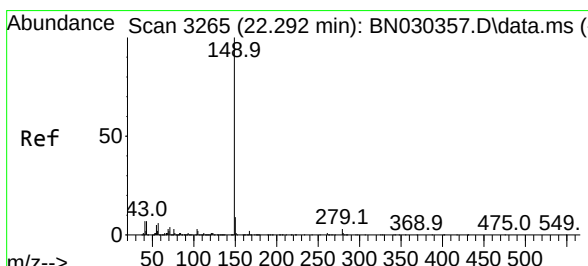
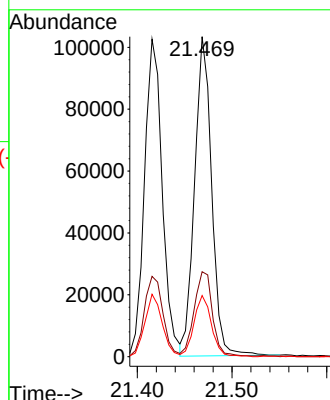
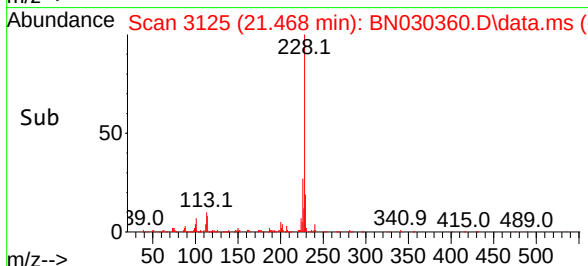
229 19.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#89

Di-n-octyl phthalate

Concen: 3.257 ng/ul

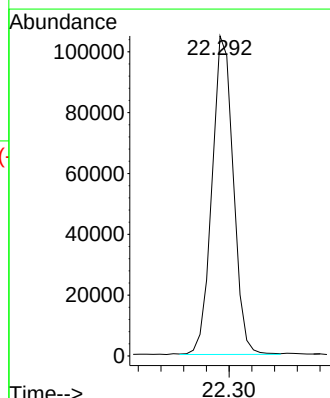
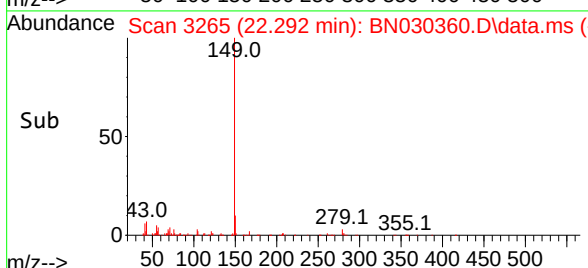
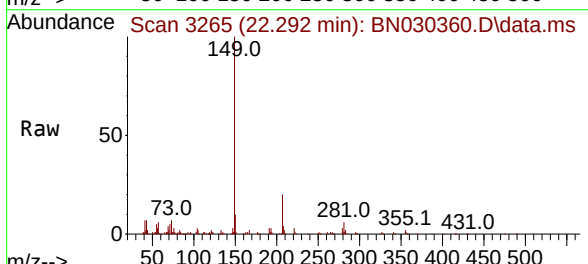
RT: 22.292 min Scan# 3265

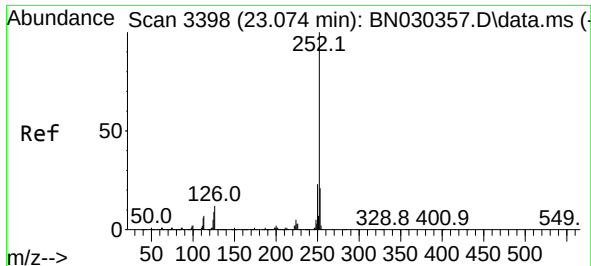
Delta R.T. -0.000 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Tgt Ion:149 Resp: 136105





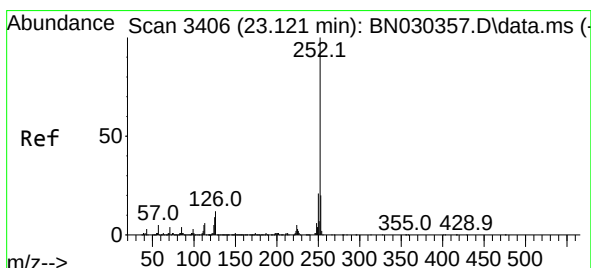
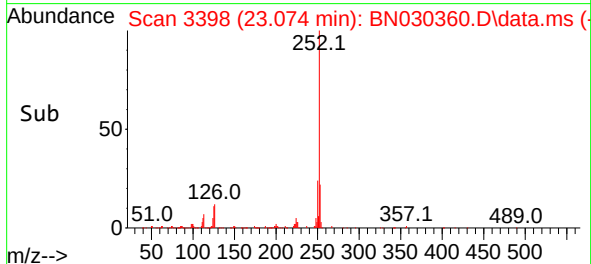
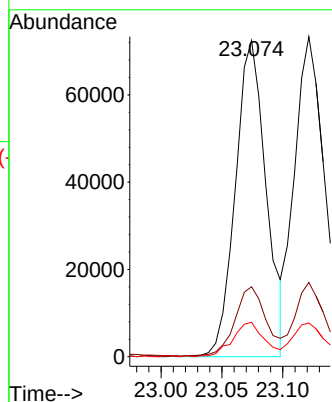
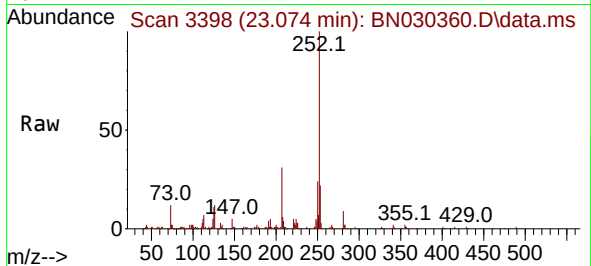
#90
Benzo(b)fluoranthene
Concen: 4.326 ng/ul
RT: 23.074 min Scan# 3398
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01

Tgt Ion:252 Resp: 12733
Ion Ratio Lower Upper
252 100
253 22.1 15.9 23.9
125 10.9 8.4 12.6

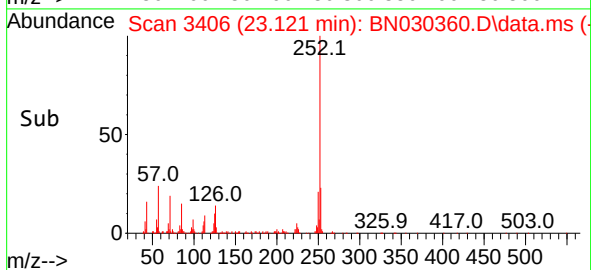
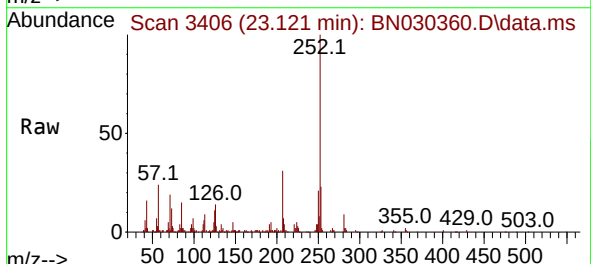
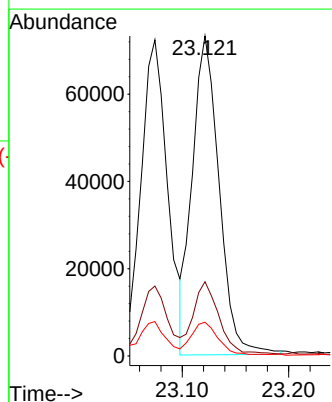
Manual Integrations
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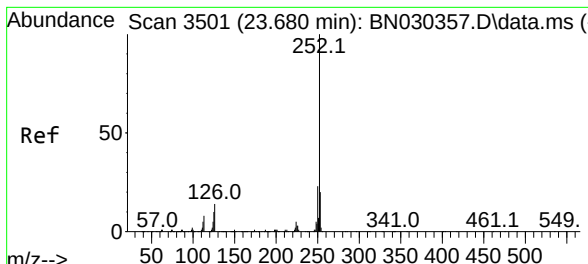
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#91
Benzo(k)fluoranthene
Concen: 4.210 ng/ul
RT: 23.121 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

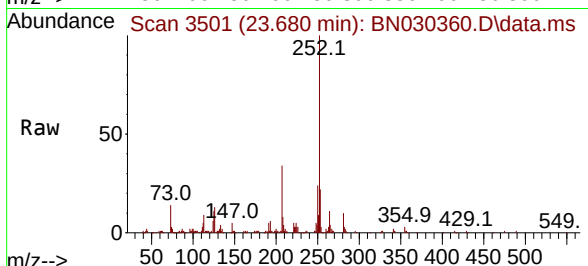
Tgt Ion:252 Resp: 128010
Ion Ratio Lower Upper
252 100
253 23.2 16.1 24.1
125 10.5 8.2 12.4





#93
Benzo(a)pyrene
Concen: 4.271 ng/ul
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

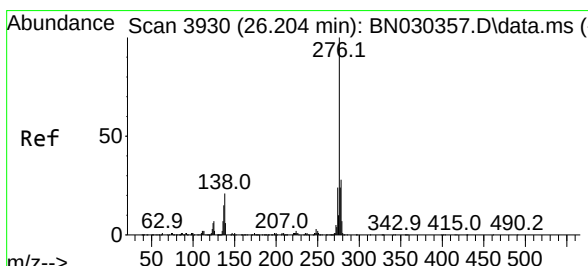
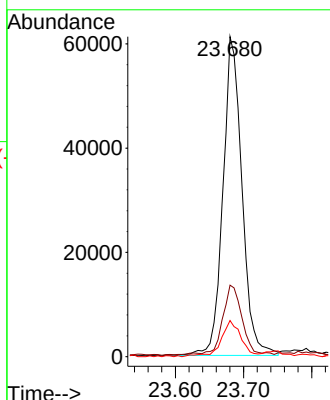
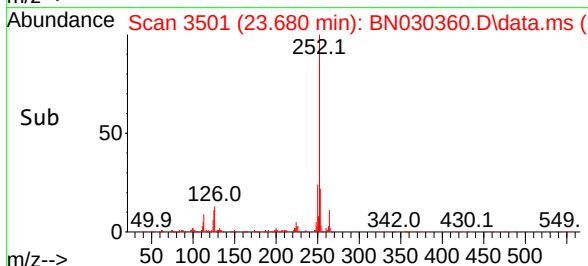
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:252 Resp: 118998
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.3 8.6 12.8

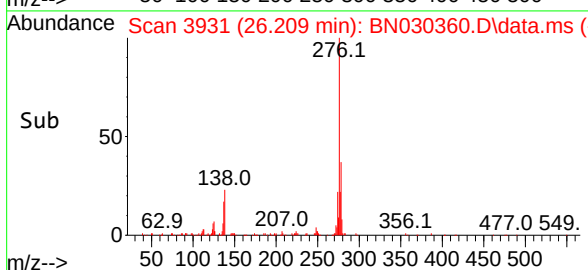
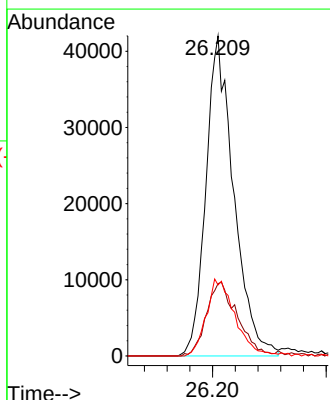
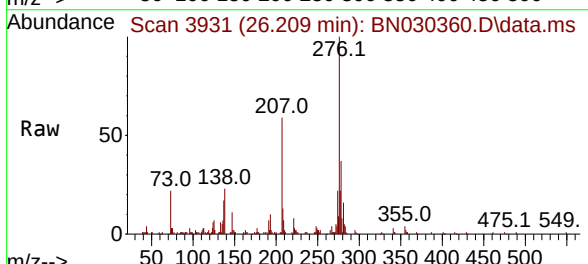
Manual Integrations
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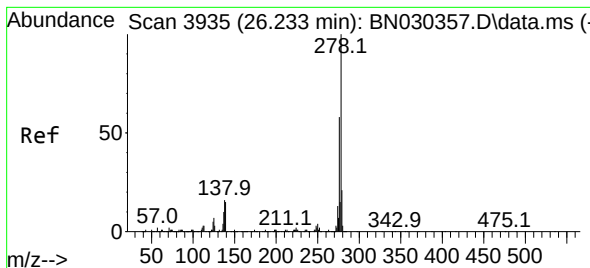
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.308 ng/ul
RT: 26.209 min Scan# 3931
Delta R.T. 0.006 min
Lab File: BN030360.D
Acq: 11 Mar 2024 13:51

Tgt Ion:276 Resp: 142743
Ion Ratio Lower Upper
276 100
138 22.6 18.2 27.4
277 22.2 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 4.402 ng/ul

RT: 26.239 min Scan# 3935

Delta R.T. 0.006 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-01

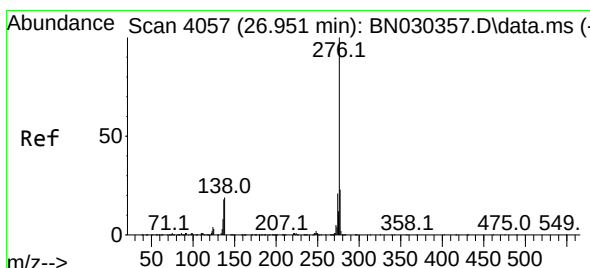
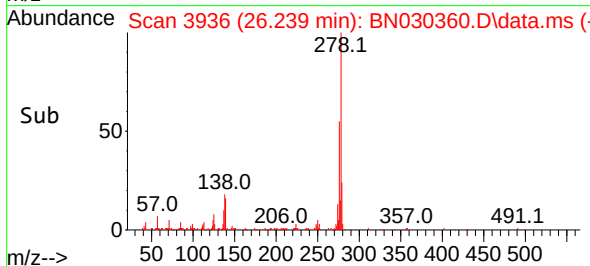
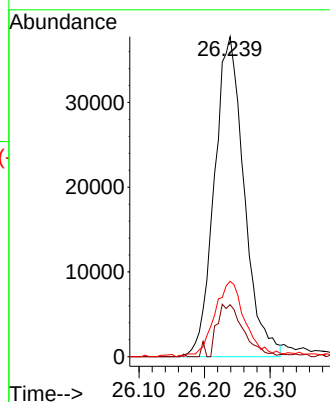
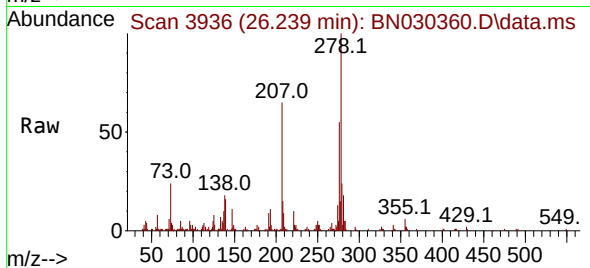
Tgt Ion:	278	Resp:	11890
Ion Ratio	Lower	Upper	
278	100		
139	16.3	13.0	19.6
279	23.5	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#96

Benzo(g,h,i)perylene

Concen: 4.412 ng/ul

RT: 26.951 min Scan# 4057

Delta R.T. 0.006 min

Lab File: BN030360.D

Acq: 11 Mar 2024 13:51

Tgt Ion:	276	Resp:	118410
Ion Ratio	Lower	Upper	
276	100		
138	21.0	18.9	28.3
277	22.8	18.6	27.8

