

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
 Data File : BN030369.D
 Acq On : 12 Mar 2024 11:20
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Quant Time: Mar 12 12:03:50 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 :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	99413	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	387728	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	206395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	407636	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	347684	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	375073	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	16556	5.620	ng/uL	0.00
4) Pyridine-d5	3.675	84	171637	24.408	ng/u1	0.00
7) Phenol-d5	6.963	99	177712	20.148	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	97824	19.532	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	154660	21.889	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	132407	19.046	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	70658	21.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	73899	21.787	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	126632	20.934	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	176458	19.654	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	361509	21.723	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	415091	22.018	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	52809	17.898	ng/u1	0.00
60) Fluorene-d10	15.451	176	295573	21.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	47625	18.705	ng/u1	0.00
73) Anthracene-d10	17.310	188	388738	19.639	ng/u1	0.00
81) Pyrene-d10	19.616	212	445230	20.164	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	430822	21.930	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	4057m	1.435	ng/uL	
5) Pyridine	3.699	79	36339	5.079	ng/u1#	63
6) Benzaldehyde	6.946	77	24437	5.944	ng/u1	93
8) Phenol	6.993	94	38743	4.414	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	30762	4.385	ng/u1	98
12) 2-Chlorophenol	7.352	128	34762	4.781	ng/u1	95
13) 2-Methylphenol	8.240	108	27538	4.185	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	26006	4.078	ng/u1	95
16) Acetophenone	8.628	105	49741	4.452	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.610	70	22363	4.183	ng/u1	96
18) 4-Methylphenol	8.569	108	29155	4.193	ng/u1	95
19) Hexachloroethane	8.858	117	15244	4.513	ng/u1	98
22) Nitrobenzene	9.005	77	38261	4.583	ng/u1	98
23) Isophorone	9.528	82	60809	4.213	ng/u1	97
25) 2-Nitrophenol	9.710	139	16939	4.636	ng/u1	98
26) 2,4-Dimethylphenol	9.769	107	24160	3.203	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.022	93	37737	4.458	ng/u1	97
29) 2,4-Dichlorophenol	10.234	162	28665	4.718	ng/u1	91
30) Naphthalene	10.640	128	107747	4.868	ng/u1	99
32) 4-Chloroaniline	10.769	127	38500	4.409	ng/u1	95
33) Hexachlorobutadiene	10.916	225	20535	4.845	ng/u1	98
34) Caprolactam	11.557	113	7203m	3.981	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	27563	4.009	ng/u1	94
36) 2-Methylnaphthalene	12.257	142	68422	4.747	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	68240	4.789	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.628	216	32537	4.992	ng/ul	92
40) Hexachlorocyclopentadiene	12.599	237	23424	4.798	ng/ul	89
41) 2,4,6-Trichlorophenol	12.875	196	18166	4.393	ng/ul	86
42) 2,4,5-Trichlorophenol	12.940	196	21025	4.653	ng/ul	92
43) 1,1'-Biphenyl	13.281	154	85114	4.886	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	65213	4.820	ng/ul	98
45) 2-Nitroaniline	13.540	65	14657	3.758	ng/ul	93
47) Dimethylphthalate	13.922	163	80348	4.751	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	13530	4.143	ng/ul	93
50) Acenaphthylene	14.169	152	108365	4.940	ng/ul	99
51) 3-Nitroaniline	14.375	138	11799	3.687	ng/ul	96
52) Acenaphthene	14.516	153	69537	4.785	ng/ul	95
53) 2,4-Dinitrophenol	14.587	184	10101	5.504	ng/ul	85
55) 4-Nitrophenol	14.675	109	15243	4.557	ng/ul	92
56) Dibenzofuran	14.851	168	94606	4.881	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	19952	4.280	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.081	232	16287	4.479	ng/ul	94
59) Diethylphthalate	15.292	149	82112	4.542	ng/ul	98
61) Fluorene	15.504	166	77849	4.865	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.504	204	37780	4.932	ng/ul	98
63) 4-Nitroaniline	15.540	138	11440m	3.861	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	13527	4.924	ng/ul#	85
67) N-Nitrosodiphenylamine	15.722	169	60535	4.707	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	20903	4.786	ng/ul#	77
69) Hexachlorobenzene	16.504	284	23366	4.885	ng/ul	97
70) Atrazine	16.687	200	23001	5.196	ng/ul	97
71) Pentachlorophenol	16.857	266	16849	5.206	ng/ul	91
72) Phenanthrene	17.251	178	114877	4.832	ng/ul	97
74) Anthracene	17.345	178	110118	4.553	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.240	216	31201	5.127	ng/uL	97
76) Pentachlorobenzene	14.763	250	31339	5.522	ng/uL	94
77) Carbazole	17.622	167	89507	4.168	ng/ul	98
78) Di-n-butylphthalate	18.204	149	123602	4.142	ng/ul	100
80) Fluoranthene	19.281	202	115035	4.252	ng/ul	100
82) Pyrene	19.645	202	127739	4.594	ng/ul	97
83) Butylbenzylphthalate	20.580	149	50144	3.764	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	36762	4.865	ng/ul	95
85) Benzo(a)anthracene	21.416	228	119908	4.596	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	78997	3.918	ng/ul	99
87) Chrysene	21.469	228	116548	4.816	ng/ul	97
89) Di-n-octyl phthalate	22.292	149	129220	3.680	ng/ul	100
90) Benzo(b)fluoranthene	23.069	252	116119	4.695	ng/ul	98
91) Benzo(k)fluoranthene	23.116	252	123059	4.818	ng/ul	98
93) Benzo(a)pyrene	23.680	252	111194	4.751	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.210	276	130466	4.687	ng/ul	98
95) Dibenzo(a,h)anthracene	26.233	278	110243	4.858	ng/ul	97
96) Benzo(g,h,i)perylene	26.945	276	110255	4.891	ng/ul	96

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

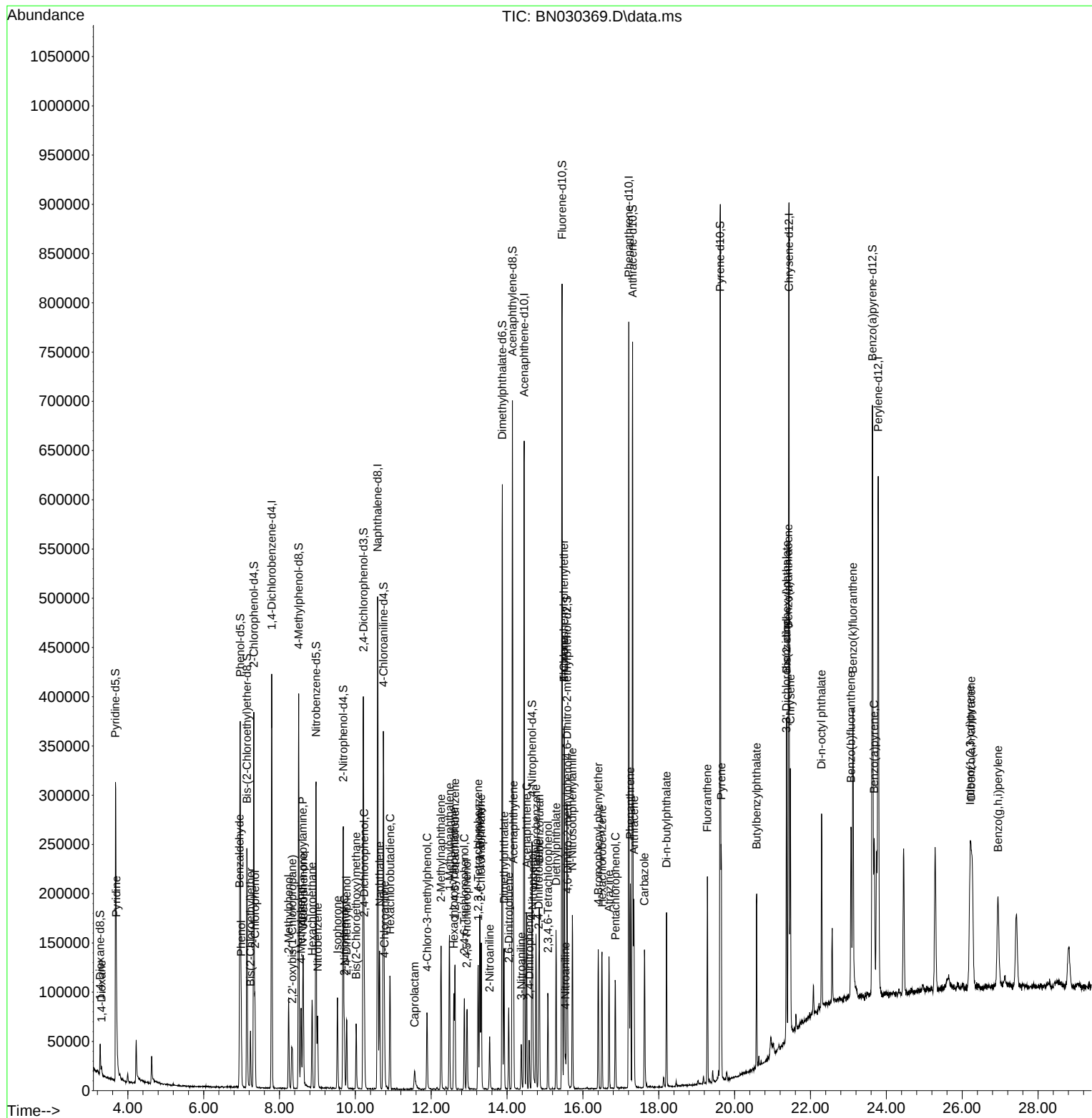
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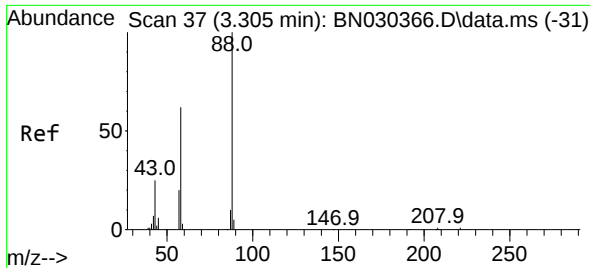
Instrument :
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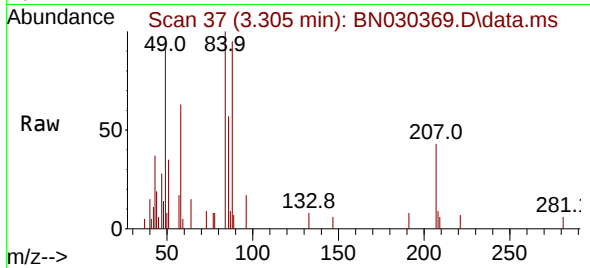
Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024





#2
1,4-Dioxane
Concen: 1.435 ng/uL m
RT: 3.305 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

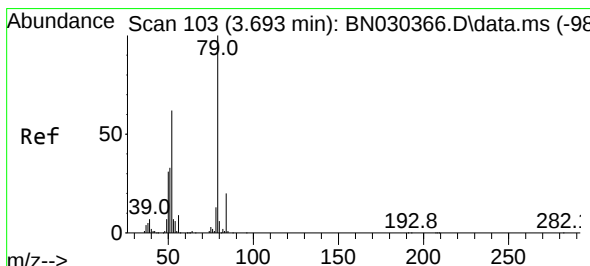
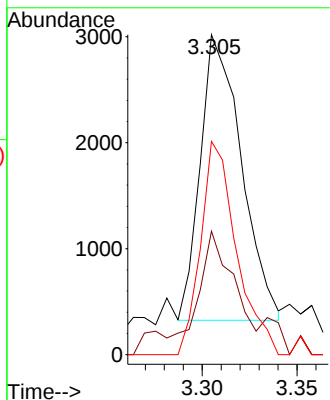
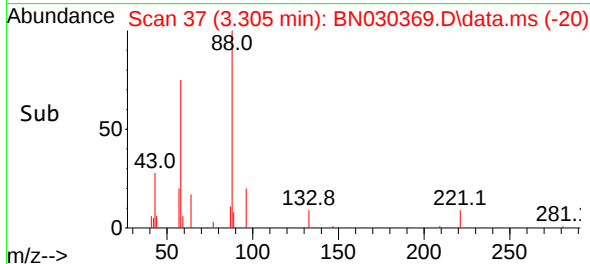
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



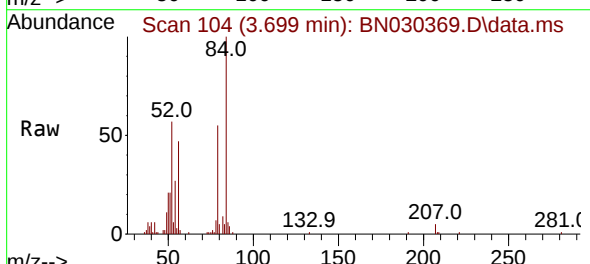
Tgt Ion: 88 Resp: 405
Ion Ratio Lower Upper
88 100
43 38.6 24.0 36.0
58 66.7 49.0 73.4

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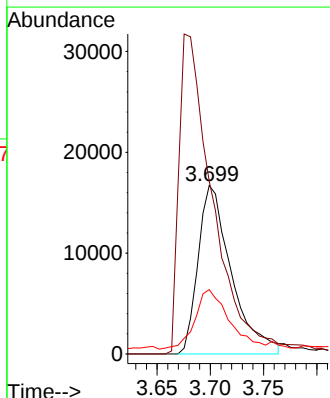
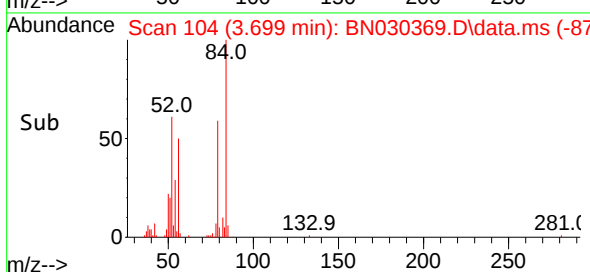
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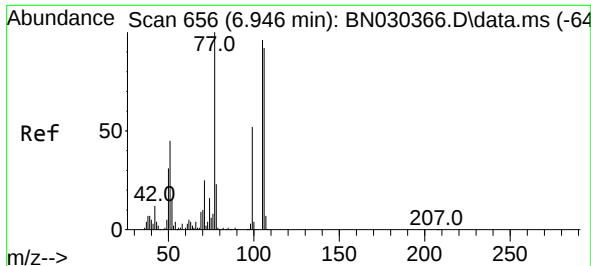


#5
Pyridine
Concen: 5.079 ng/uL
RT: 3.699 min Scan# 104
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20



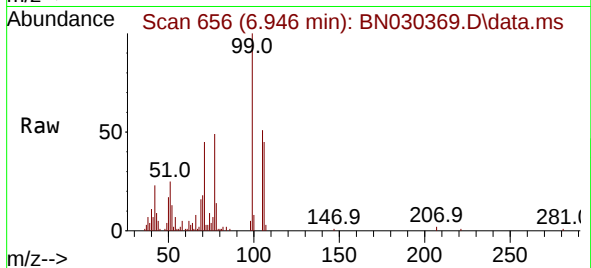
Tgt Ion: 79 Resp: 36339
Ion Ratio Lower Upper
79 100
52 102.5 49.4 74.2
51 38.2 27.4 41.0





#6
Benzaldehyde
Concen: 5.944 ng/ul
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

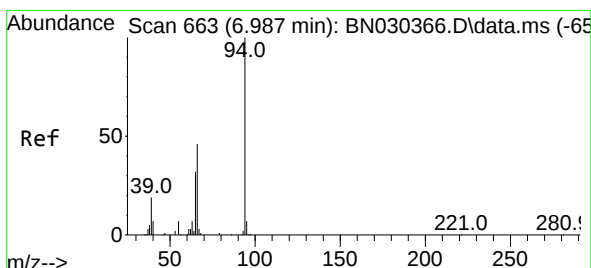
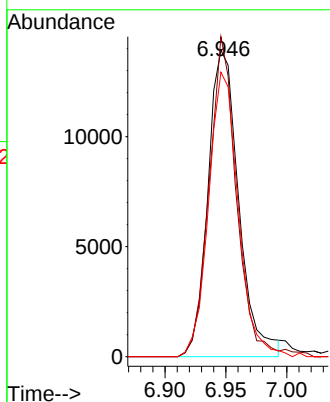
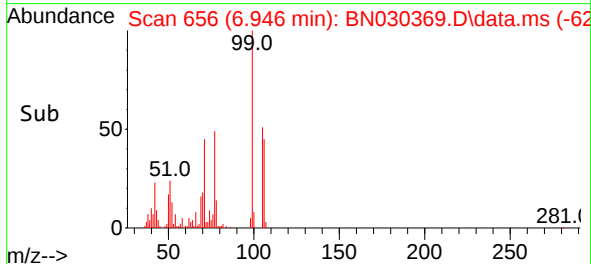
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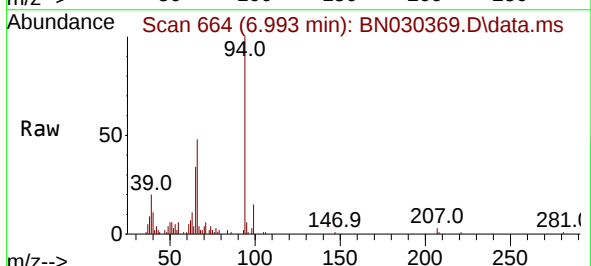
Tgt Ion: 77 Resp: 2443
Ion Ratio Lower Upper
77 100
105 104.4 76.6 114.8
106 92.8 70.3 105.5

Manual Integrations
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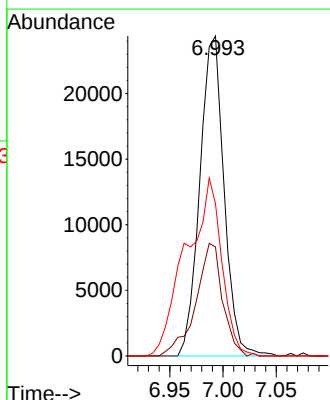
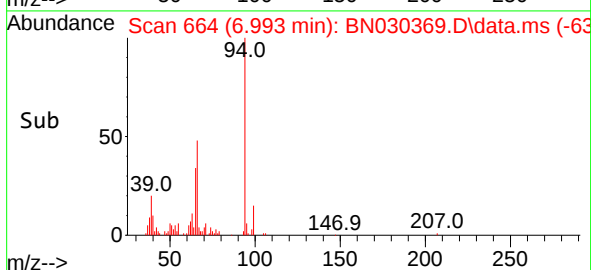
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

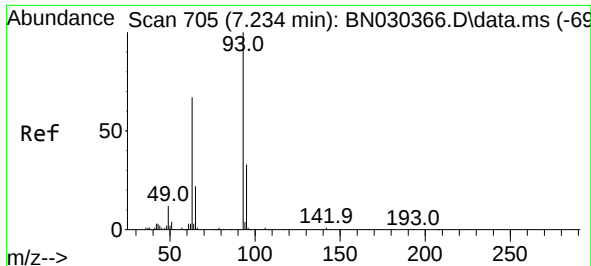


#8
Phenol
Concen: 4.414 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20



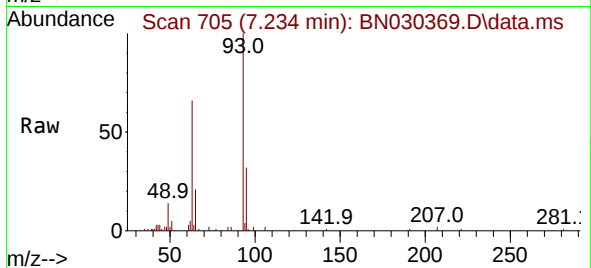
Tgt Ion: 94 Resp: 38743
Ion Ratio Lower Upper
94 100
65 34.0 25.8 38.6
66 47.6 37.7 56.5





#10
Bis(2-Chloroethyl)ether
Concen: 4.385 ng/ul
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

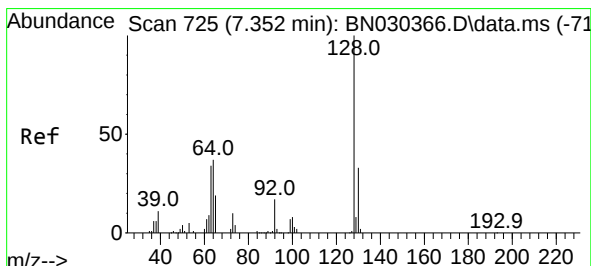
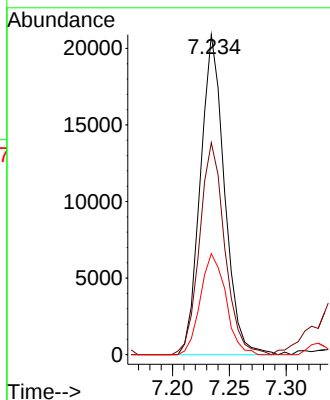
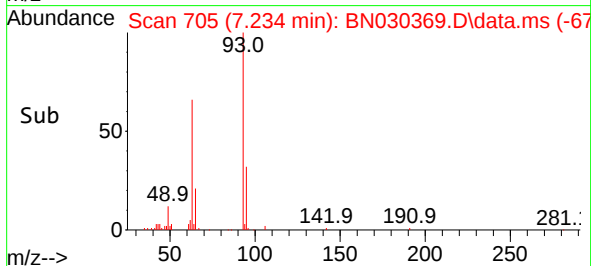
Instrument :
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Tgt Ion: 93 Resp: 30762
Ion Ratio Lower Upper
93 100
63 66.2 54.6 81.8
95 31.6 25.8 38.8

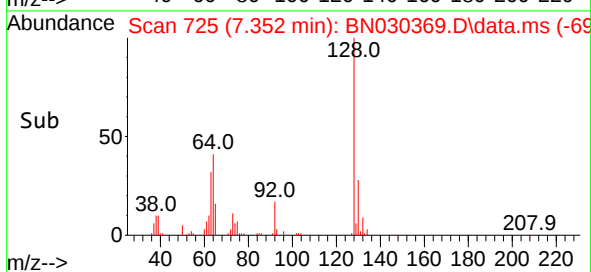
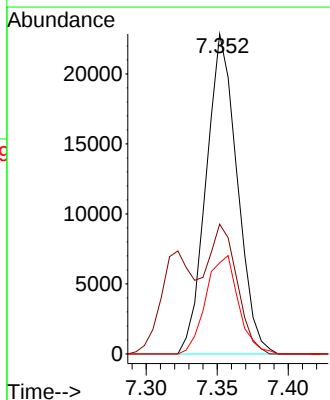
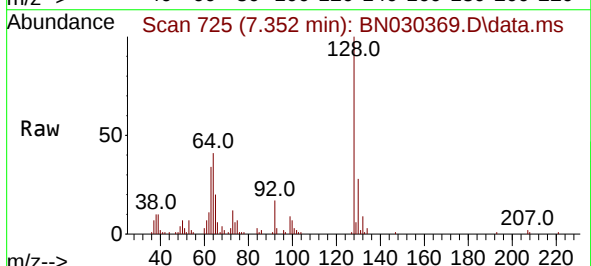
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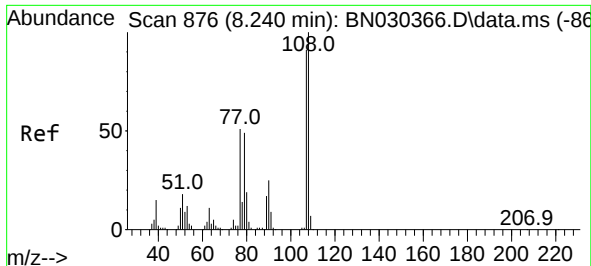
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#12
2-Chlorophenol
Concen: 4.781 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

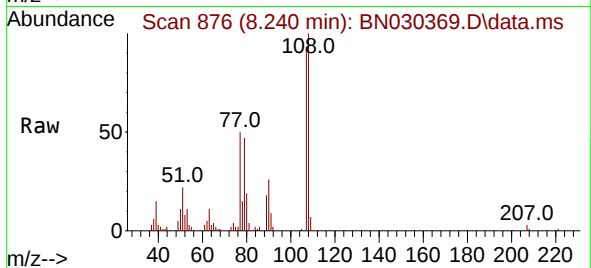
Tgt Ion:128 Resp: 34762
Ion Ratio Lower Upper
128 100
64 40.5 34.1 51.1
130 28.5 25.9 38.9





#13
2-Methylphenol
Concen: 4.185 ng/ul
RT: 8.240 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

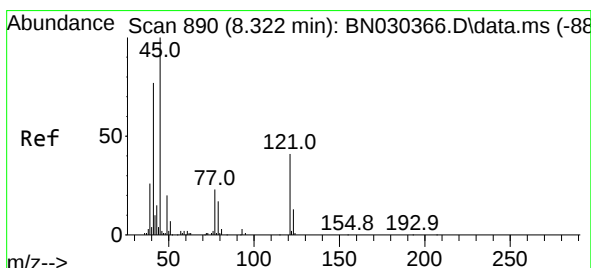
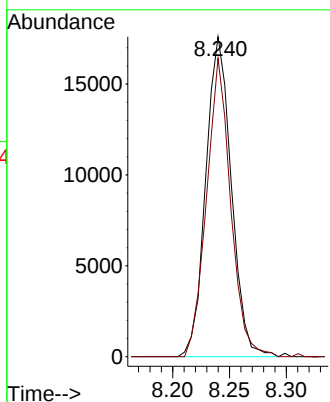
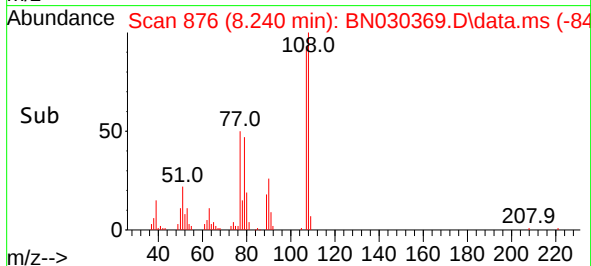
Instrument :
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Tgt Ion:108 Resp: 27538
Ion Ratio Lower Upper
108 100
107 93.2 72.5 108.7

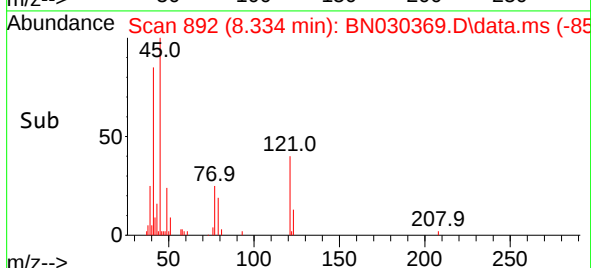
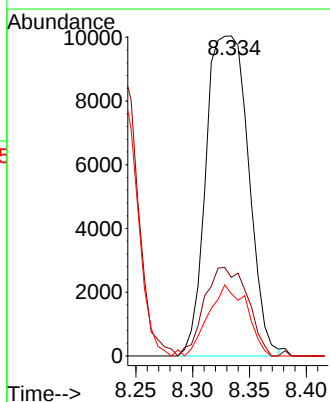
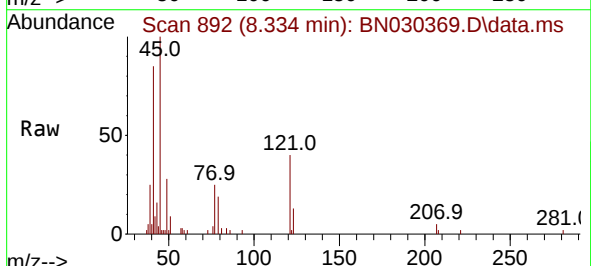
Manual Integrations
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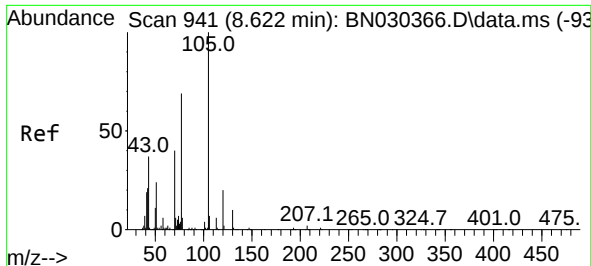
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.078 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. 0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion: 45 Resp: 26006
Ion Ratio Lower Upper
45 100
77 24.5 17.9 26.9
79 19.4 13.4 20.2





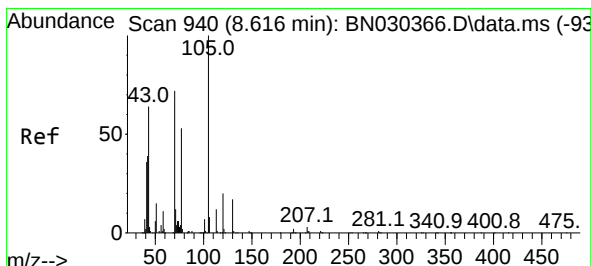
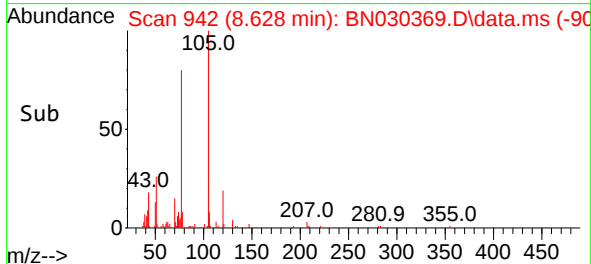
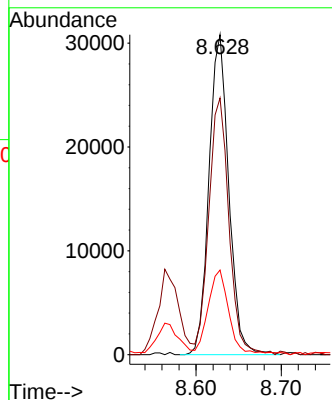
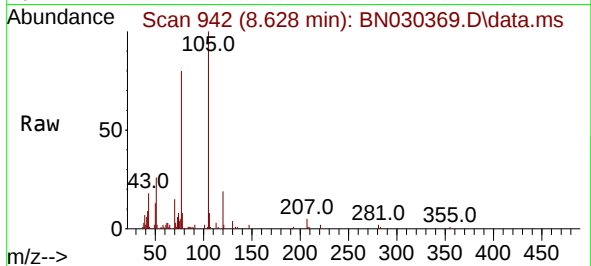
#16
Acetophenone
Concen: 4.452 ng/ul
RT: 8.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02

Tgt Ion:105 Resp: 4974
Ion Ratio Lower Upper
105 100
77 80.2 64.1 96.1
51 26.5 20.6 30.8

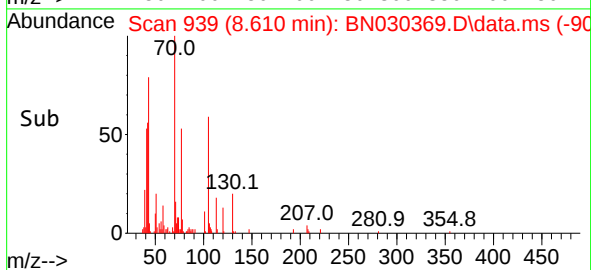
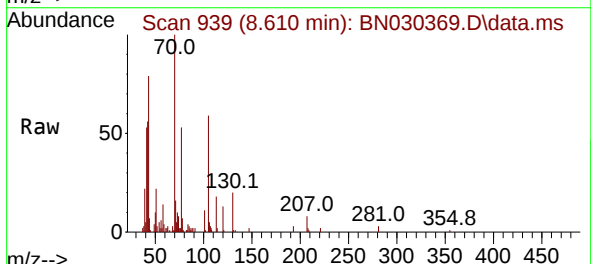
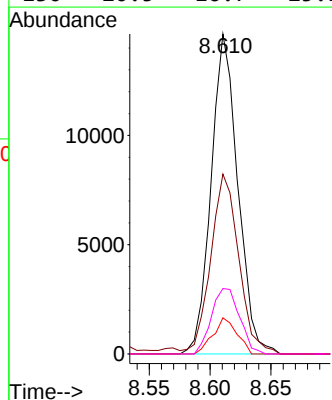
Manual Integrations
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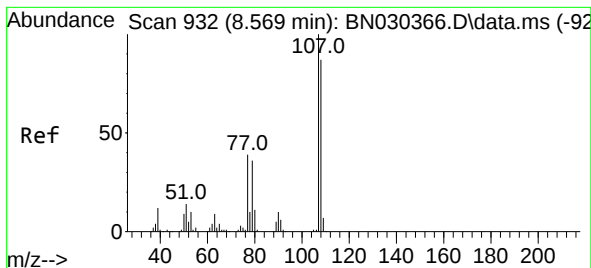
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.183 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion: 70 Resp: 22363
Ion Ratio Lower Upper
70 100
42 56.2 41.8 62.6
101 11.3 8.2 12.2
130 20.5 16.7 25.1





#18

4-Methylphenol

Concen: 4.193 ng/ul

RT: 8.569 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2024-02

Tgt Ion:108 Resp: 2915

Ion Ratio Lower Upper

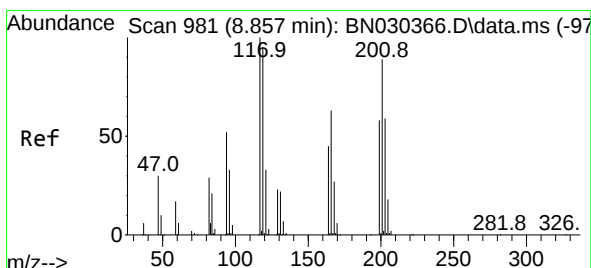
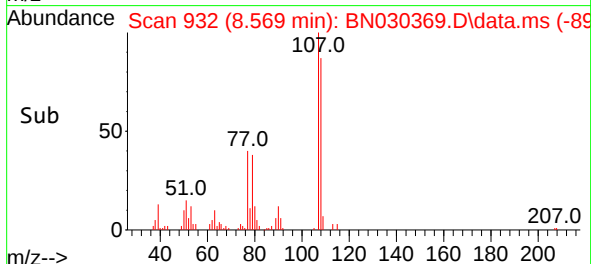
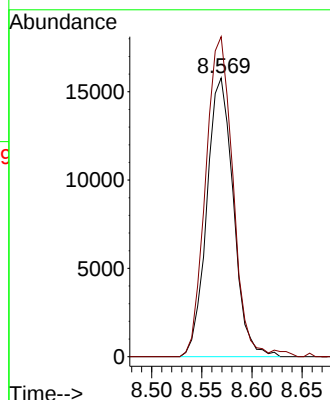
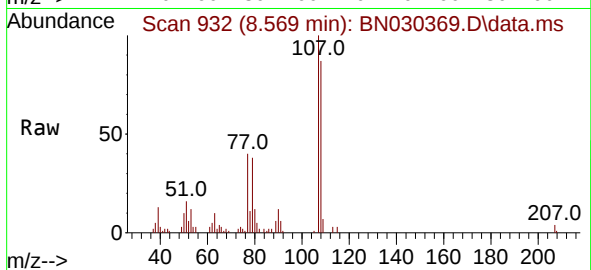
108 100

107 114.8 87.3 130.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#19

Hexachloroethane

Concen: 4.513 ng/ul

RT: 8.858 min Scan# 981

Delta R.T. -0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

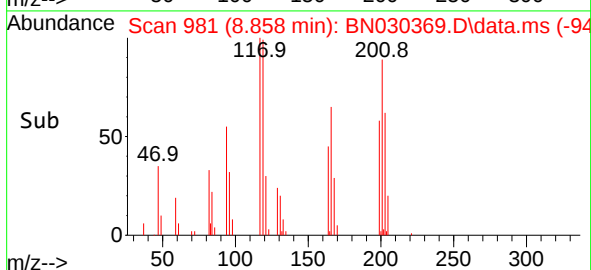
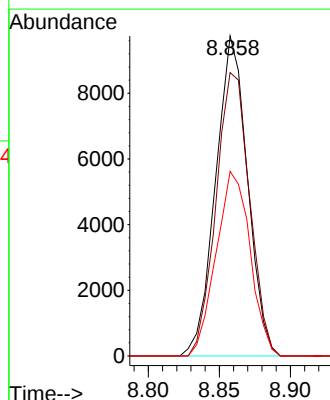
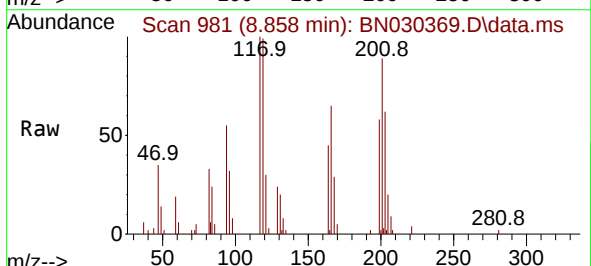
Tgt Ion:117 Resp: 15244

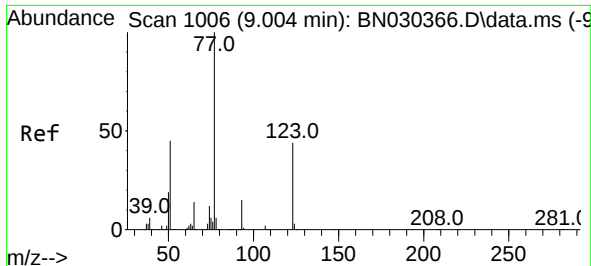
Ion Ratio Lower Upper

117 100

201 88.6 71.3 106.9

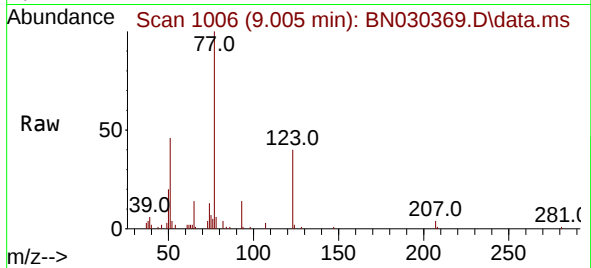
199 57.7 48.1 72.1





#22
Nitrobenzene
Concen: 4.583 ng/ul
RT: 9.005 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

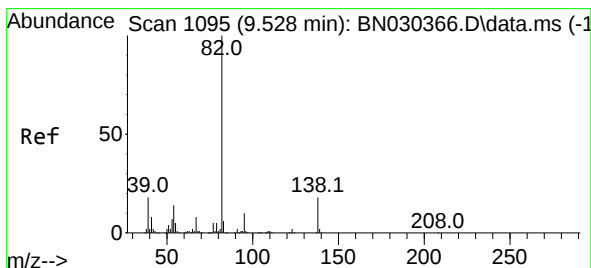
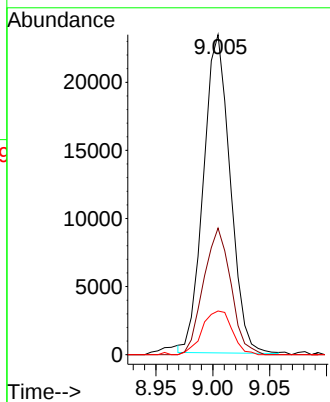
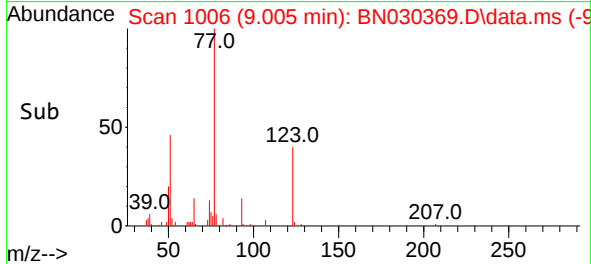
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion: 77 Resp: 3826
Ion Ratio Lower Upper
77 100
123 39.5 33.0 49.6
65 13.6 10.9 16.3

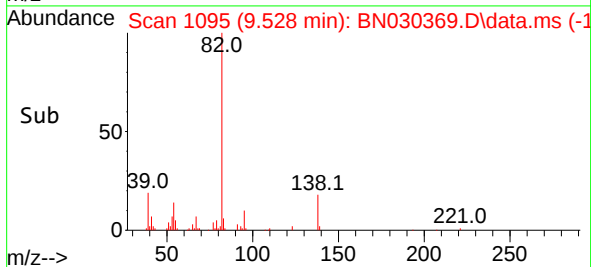
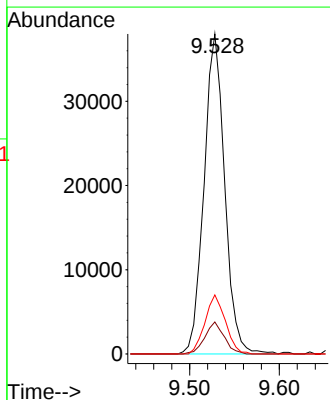
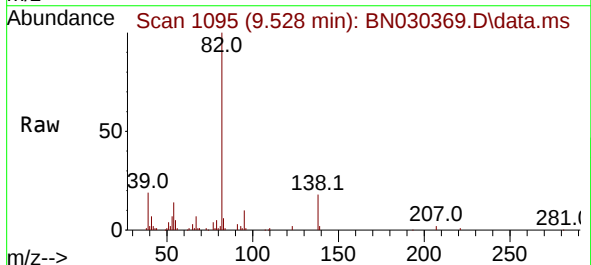
Manual Integrations
APPROVED

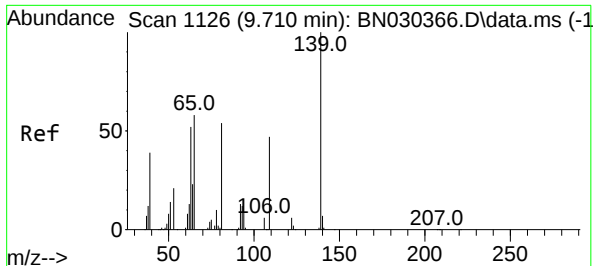
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#23
Isophorone
Concen: 4.213 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion: 82 Resp: 60809
Ion Ratio Lower Upper
82 100
95 10.0 6.9 10.3
138 18.4 13.8 20.8





#25

2-Nitrophenol

Concen: 4.636 ng/ul

RT: 9.710 min Scan# 1126

Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

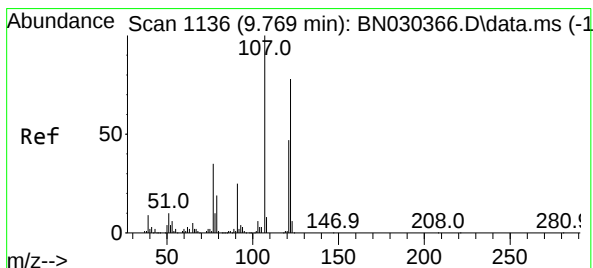
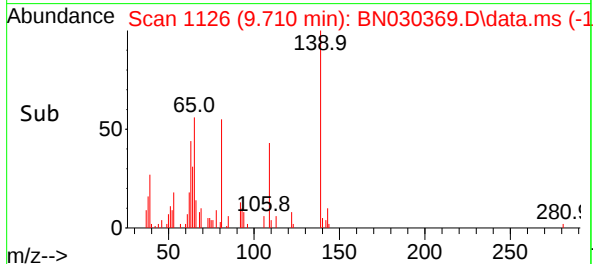
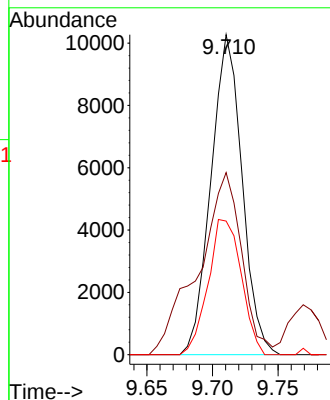
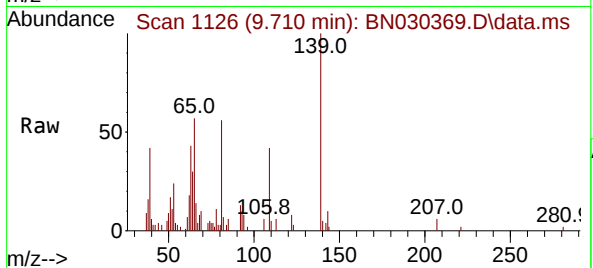
MDL-SOIL-QT1-2024-02

Tgt Ion:139 Resp: 16939
 Ion Ratio Lower Upper
 139 100
 65 56.9 46.2 69.2
 109 41.8 34.6 51.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024



#26

2,4-Dimethylphenol

Concen: 3.203 ng/ul

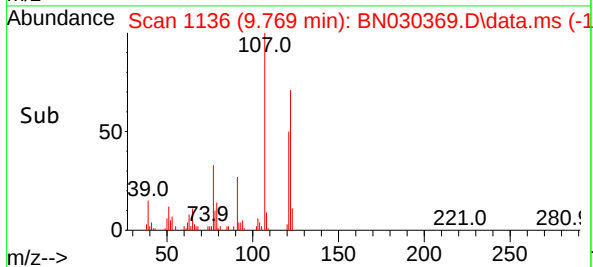
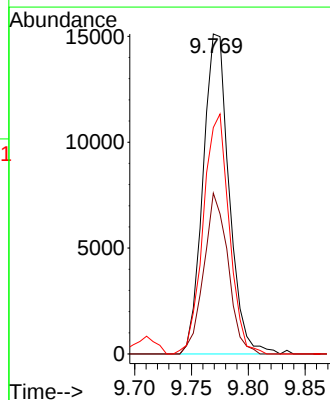
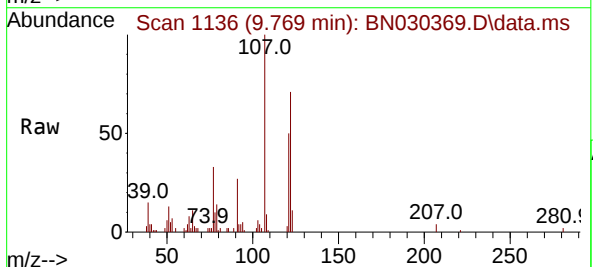
RT: 9.769 min Scan# 1136

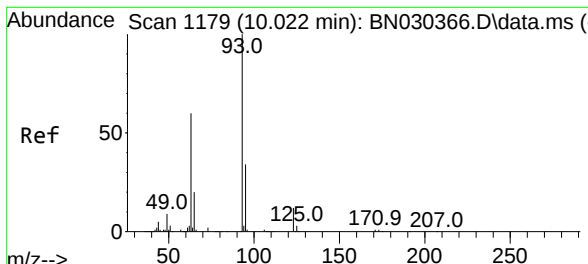
Delta R.T. -0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Tgt Ion:107 Resp: 24160
 Ion Ratio Lower Upper
 107 100
 121 50.3 37.1 55.7
 122 70.7 64.9 97.3





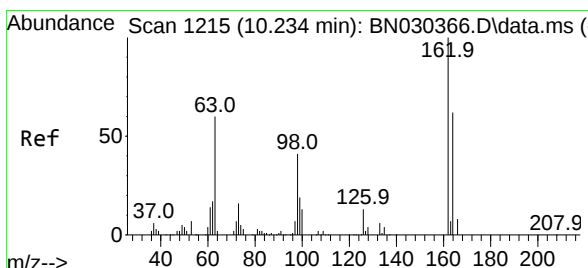
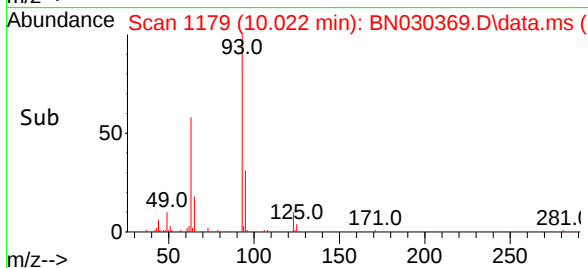
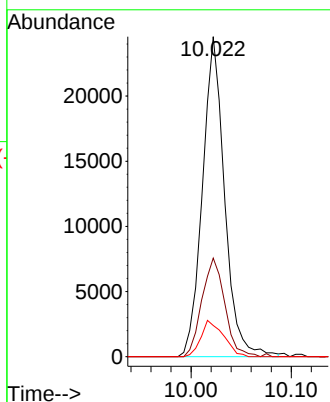
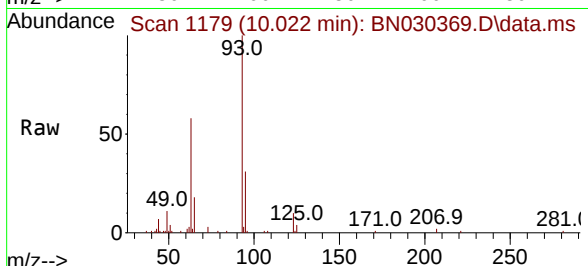
#27
Bis(2-Chloroethoxy)methane
Concen: 4.458 ng/ul
RT: 10.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02

Tgt Ion:	93	Resp:	3773
Ion Ratio	Lower	Upper	
93	100		
95	30.8	25.7	38.5
123	9.7	9.3	13.9

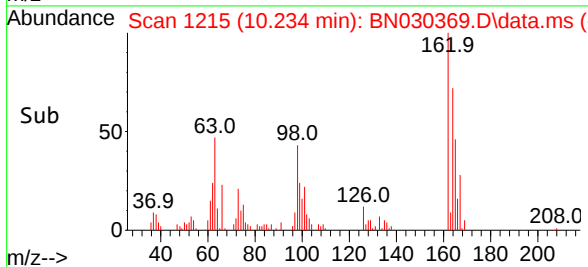
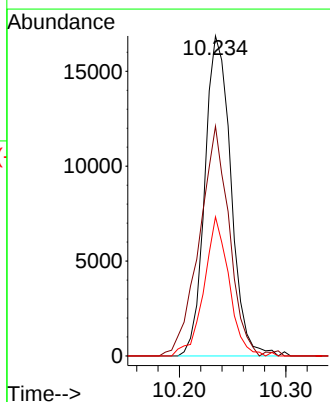
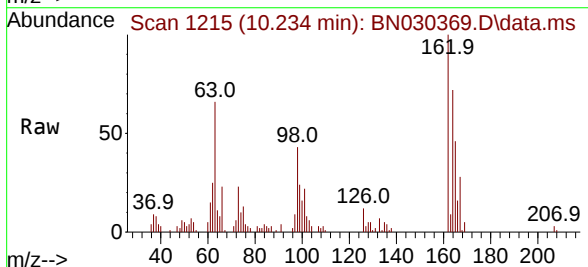
Manual Integrations
APPROVED

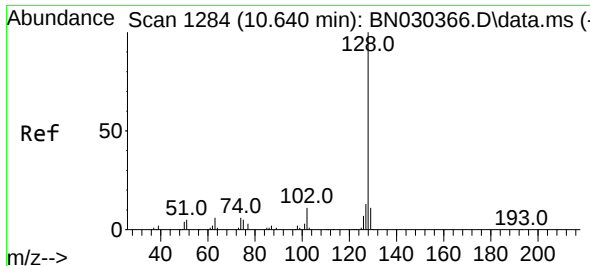
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#29
2,4-Dichlorophenol
Concen: 4.718 ng/ul
RT: 10.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

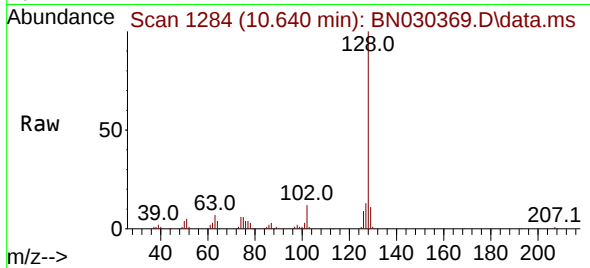
Tgt Ion:	162	Resp:	28665
Ion Ratio	Lower	Upper	
162	100		
164	71.8	51.0	76.4
98	43.4	31.2	46.8





#30
Naphthalene
Concen: 4.868 ng/ul
RT: 10.640 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

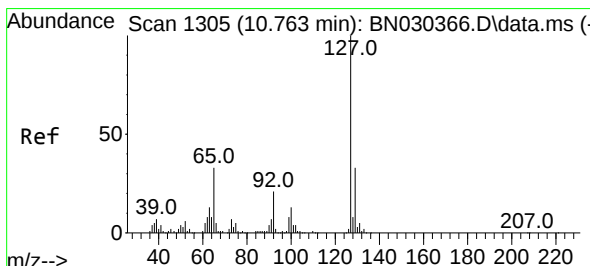
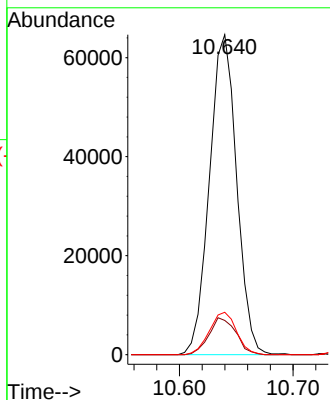
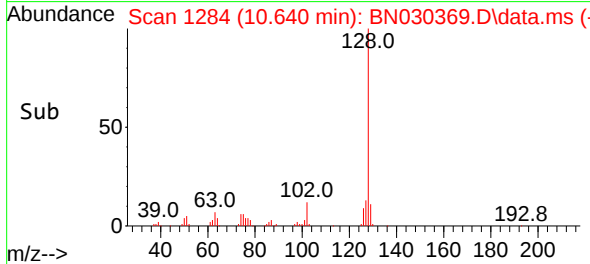
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02



Tgt Ion:128 Resp: 10774
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.3 11.0 16.4

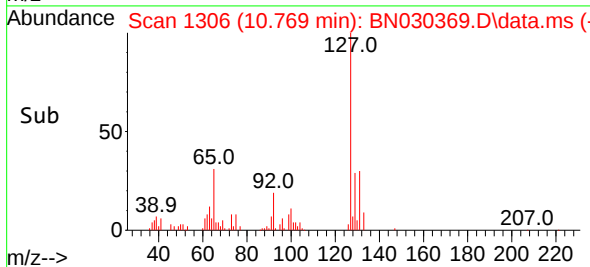
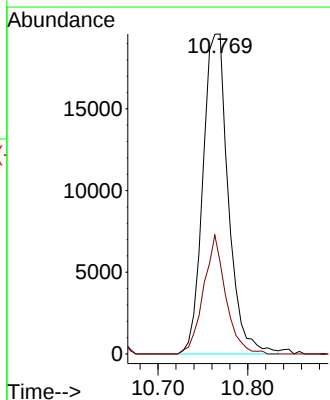
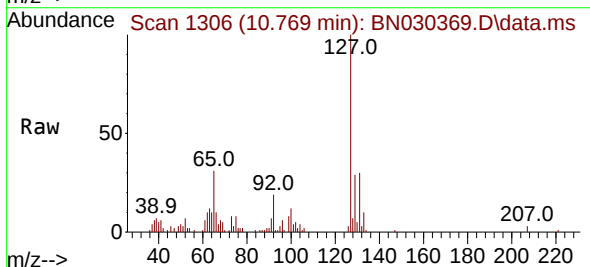
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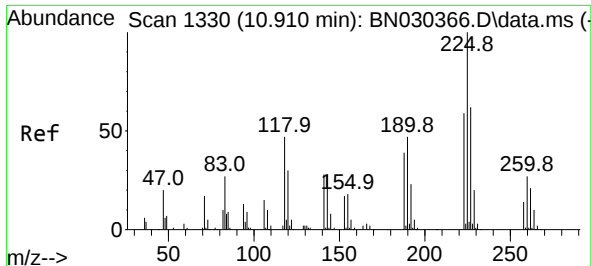
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#32
4-Chloroaniline
Concen: 4.409 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

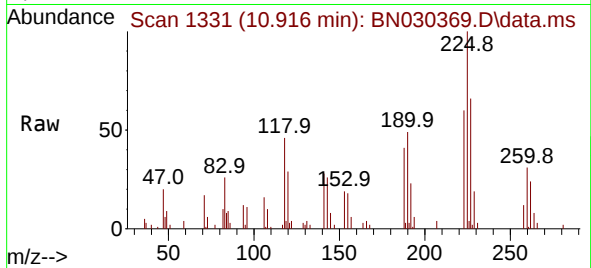
Tgt Ion:127 Resp: 38500
Ion Ratio Lower Upper
127 100
129 28.7 25.4 38.0





#33
Hexachlorobutadiene
Concen: 4.845 ng/ul
RT: 10.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

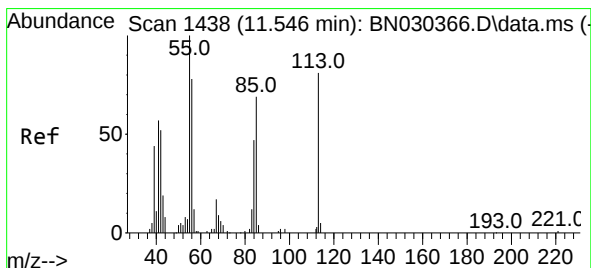
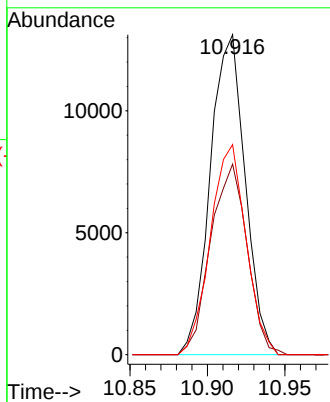
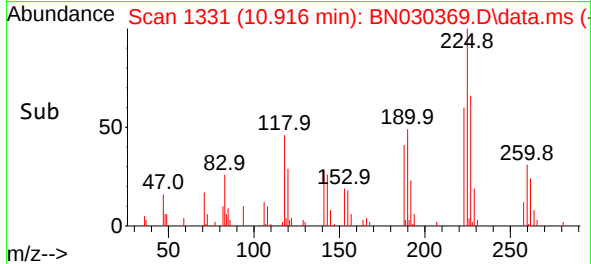
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:225 Resp: 2053
Ion Ratio Lower Upper
225 100
223 59.5 48.9 73.3
227 68.0 52.8 79.2

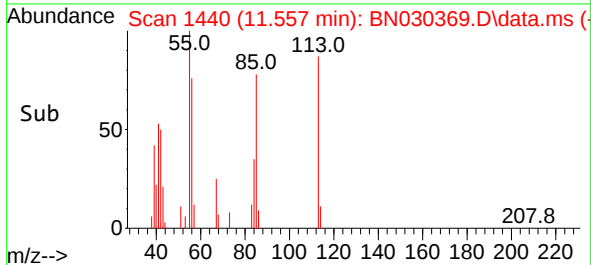
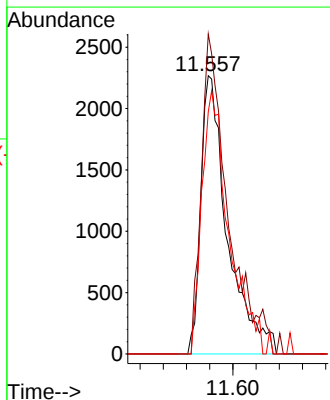
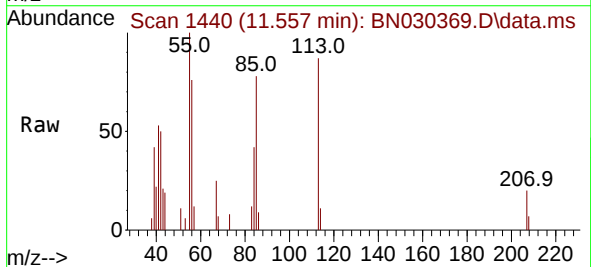
Manual Integrations
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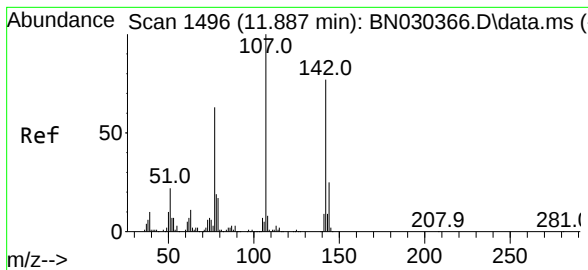
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#34
Caprolactam
Concen: 3.981 ng/ul m
RT: 11.557 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

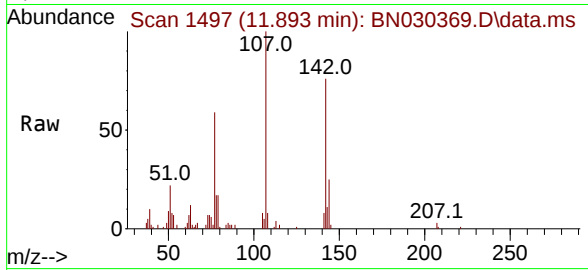
Tgt Ion:113 Resp: 7203
Ion Ratio Lower Upper
113 100
55 115.0 102.1 153.1
56 87.0 90.8 136.2#





#35
4-Chloro-3-methylphenol
Concen: 4.009 ng/ul
RT: 11.893 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

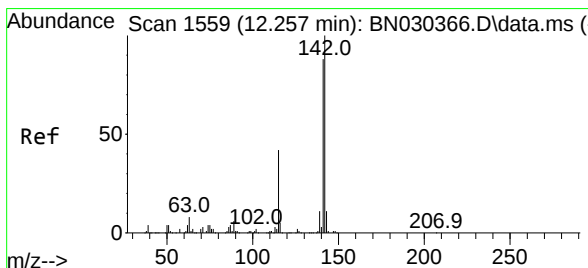
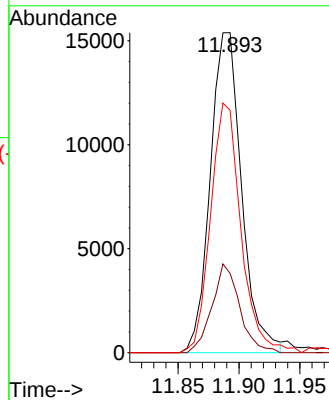
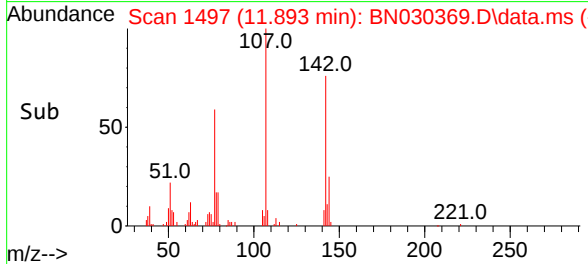
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:107 Resp: 2756
Ion Ratio Lower Upper
107 100
144 24.8 18.1 27.1
142 75.8 56.3 84.5

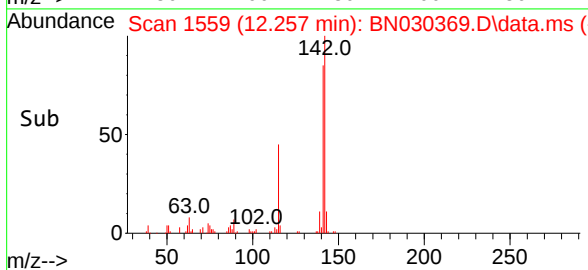
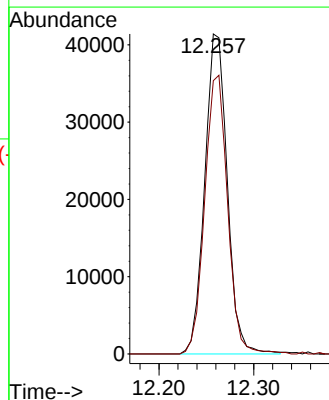
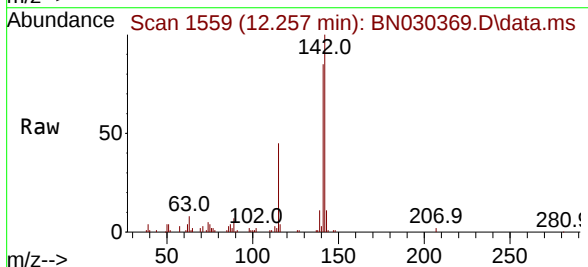
Manual Integrations
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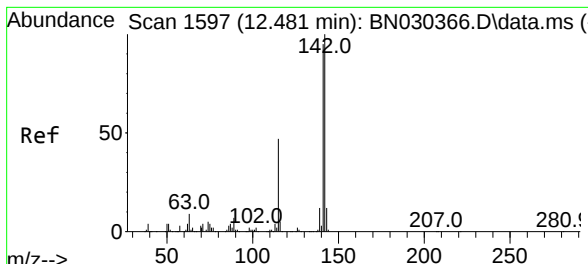
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#36
2-Methylnaphthalene
Concen: 4.747 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

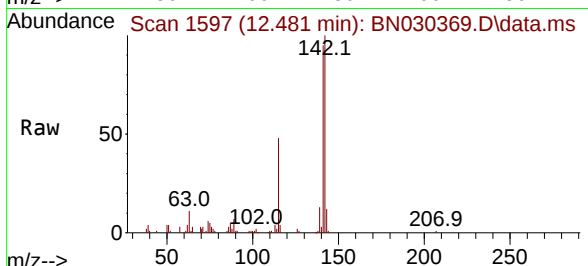
Tgt Ion:142 Resp: 68422
Ion Ratio Lower Upper
142 100
141 85.4 72.3 108.5





#37
 1-Methylnaphthalene
 Concen: 4.789 ng/ul
 RT: 12.481 min Scan# 1597
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-02

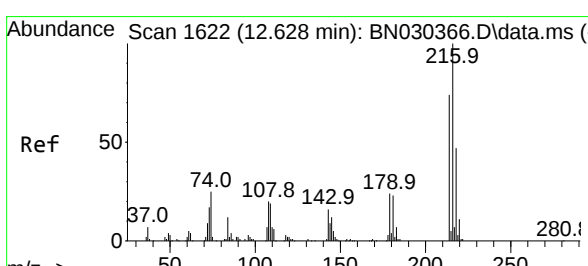
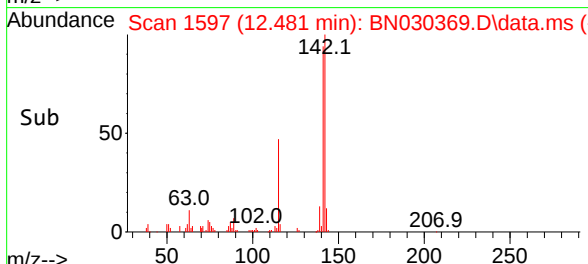
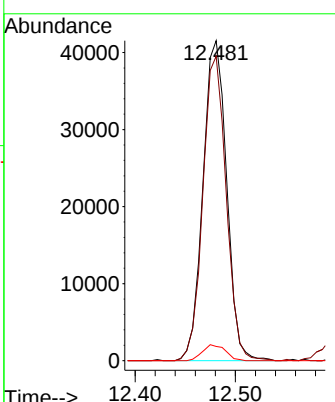


Tgt Ion:142 Resp: 68240

Ion	Ratio	Lower	Upper
142	100		
141	95.2	71.7	107.5
116	4.4	3.7	5.5

Manual Integrations
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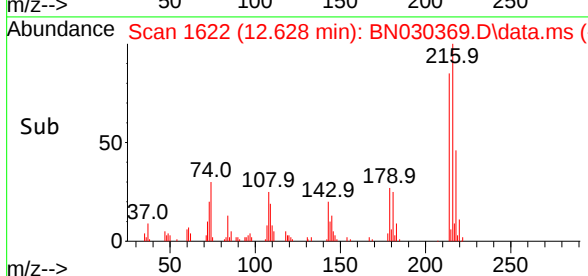
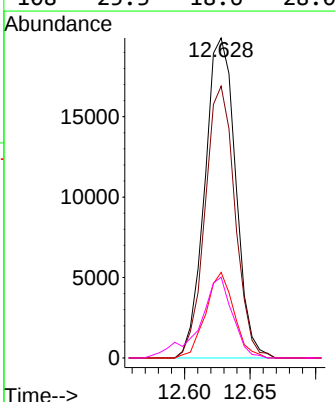
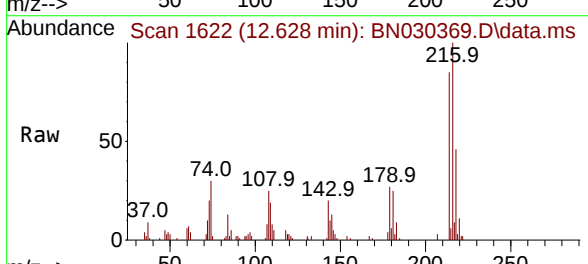
Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

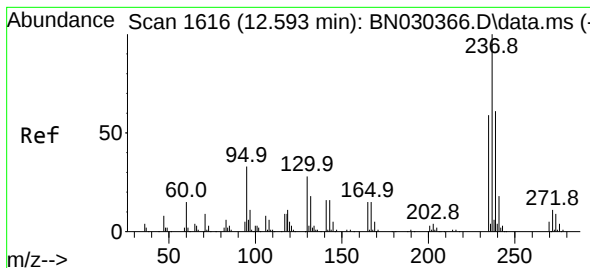


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.992 ng/ul
 RT: 12.628 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

Tgt Ion:216 Resp: 32537

Ion	Ratio	Lower	Upper
216	100		
214	85.0	61.1	91.7
179	26.7	19.4	29.2
108	25.3	18.6	28.0





#40

Hexachlorocyclopentadiene

Concen: 4.798 ng/ul

RT: 12.599 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

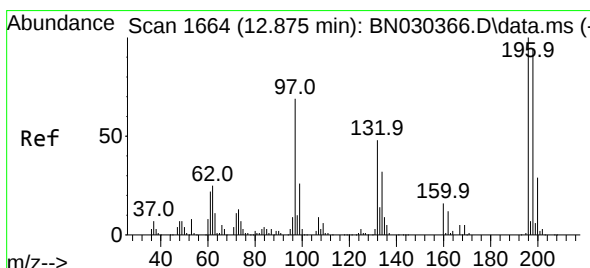
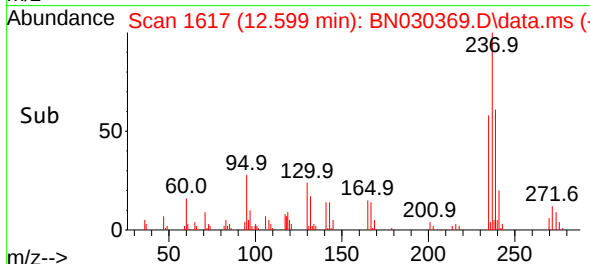
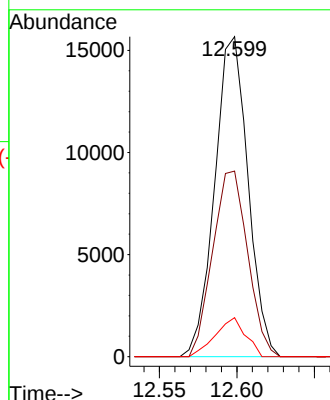
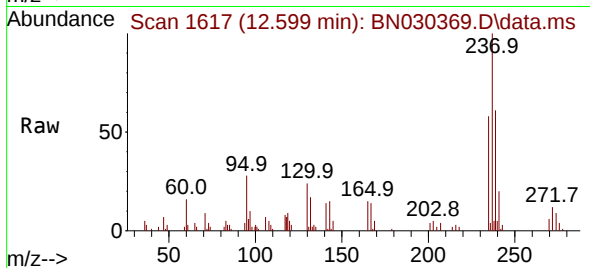
MDL-SOIL-QT1-2024-02

Tgt Ion:237	Resp:	23424
Ion Ratio	Lower	Upper
237	100	
235	58.0	54.2 81.4
272	12.2	11.4 17.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#41

2,4,6-Trichlorophenol

Concen: 4.393 ng/ul

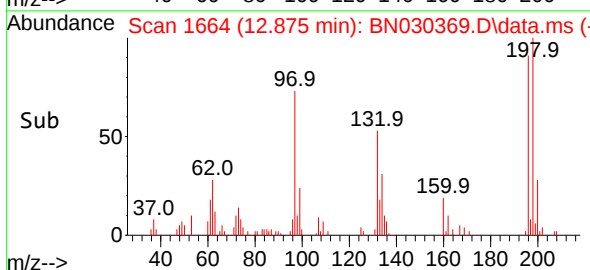
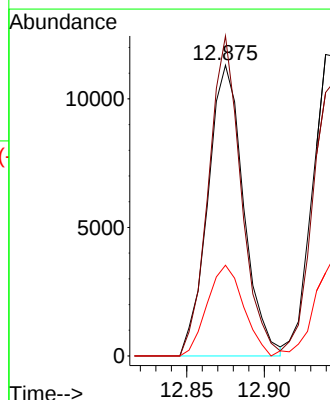
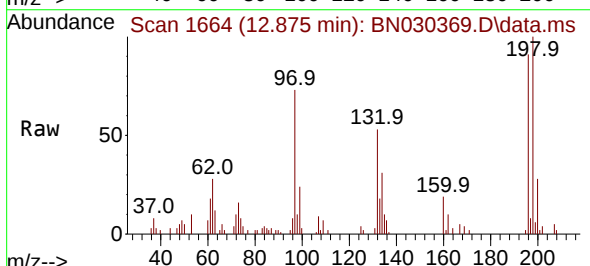
RT: 12.875 min Scan# 1664

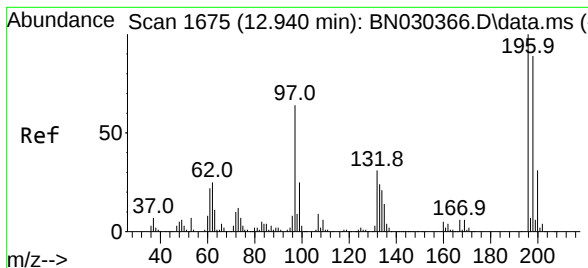
Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

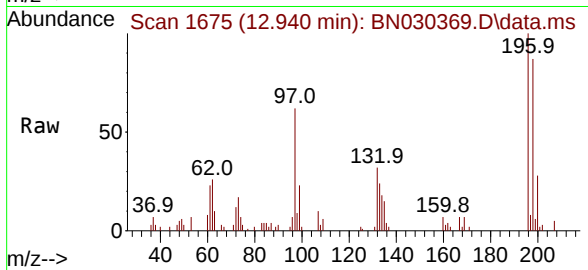
Tgt Ion:196	Resp:	18166
Ion Ratio	Lower	Upper
196	100	
198	110.0	73.8 110.8
200	31.2	25.1 37.7





#42
2,4,5-Trichlorophenol
Concen: 4.653 ng/ul
RT: 12.940 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

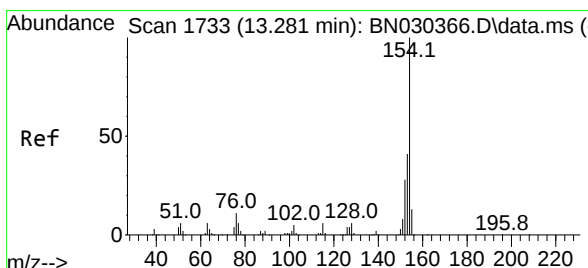
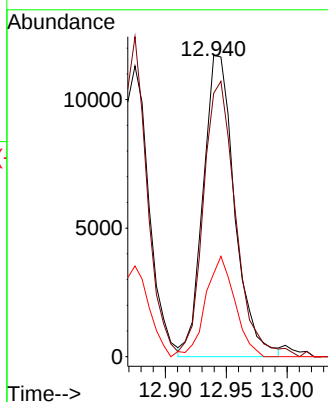
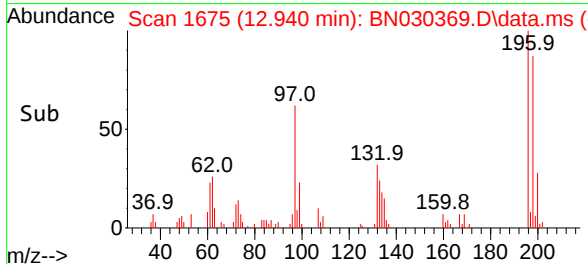
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



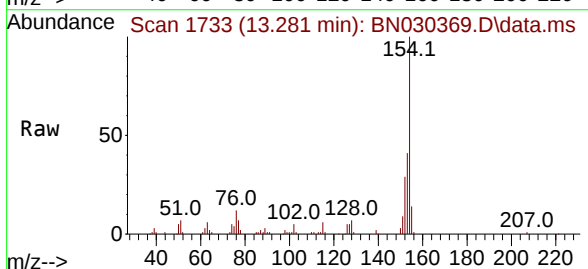
Tgt Ion:196 Resp: 2102
Ion Ratio Lower Upper
196 100
198 87.4 76.6 114.8
200 27.6 25.0 37.6

Manual Integrations
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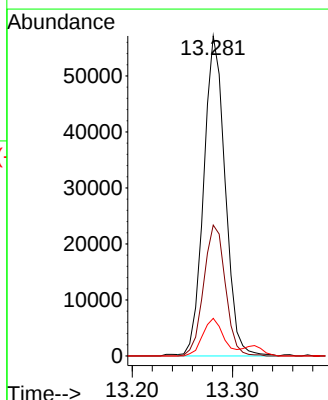
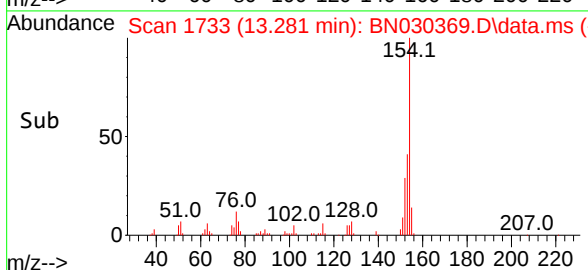
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

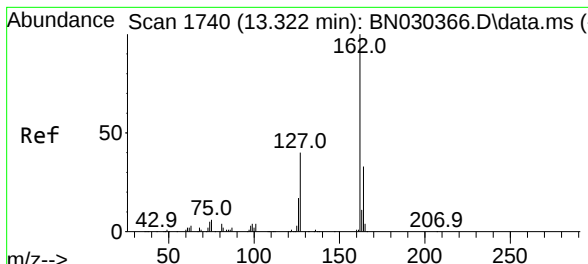


#43
1,1'-Biphenyl
Concen: 4.886 ng/ul
RT: 13.281 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20



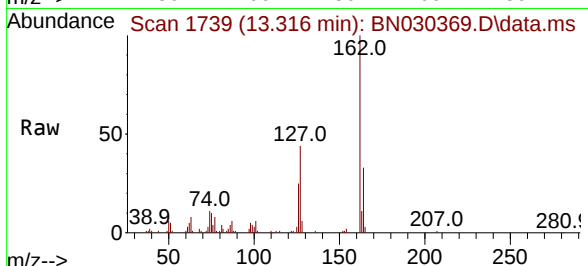
Tgt Ion:154 Resp: 85114
Ion Ratio Lower Upper
154 100
153 40.9 31.4 47.0
76 11.8 9.1 13.7





#44
2-Chloronaphthalene
Concen: 4.820 ng/ul
RT: 13.316 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02

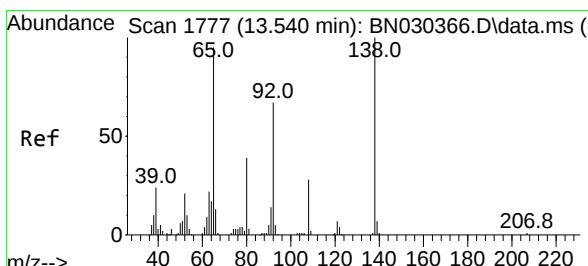
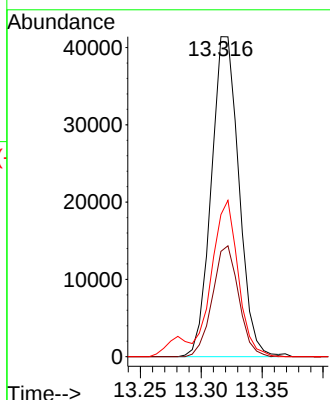
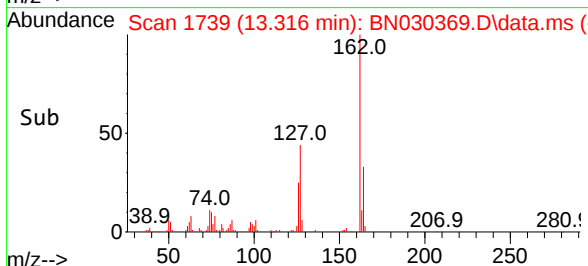


Tgt Ion: 162 Resp: 6521

Ion	Ratio	Lower	Upper
162	100		
164	32.9	26.1	39.1
127	44.4	37.3	55.9

Manual Integrations
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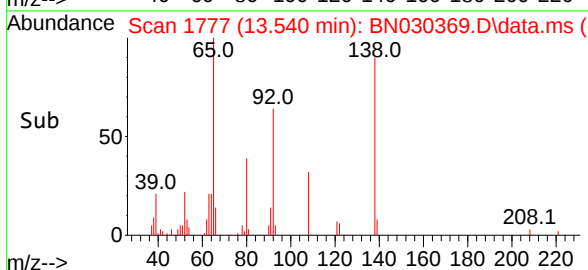
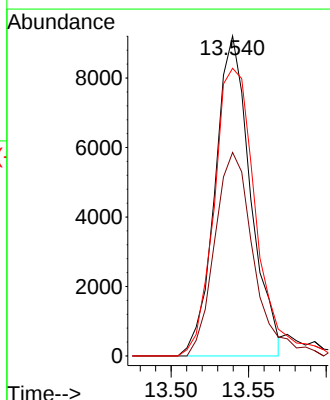
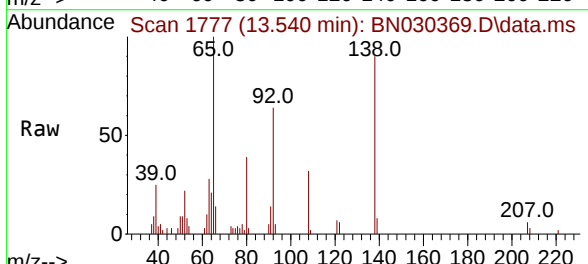
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

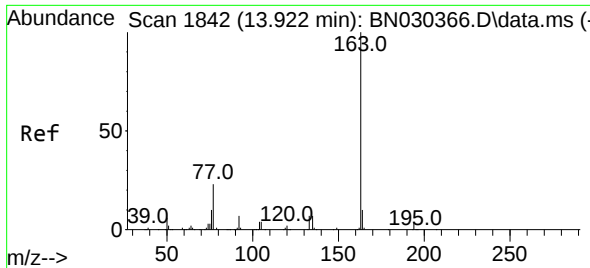


#45
2-Nitroaniline
Concen: 3.758 ng/ul
RT: 13.540 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion: 65 Resp: 14657

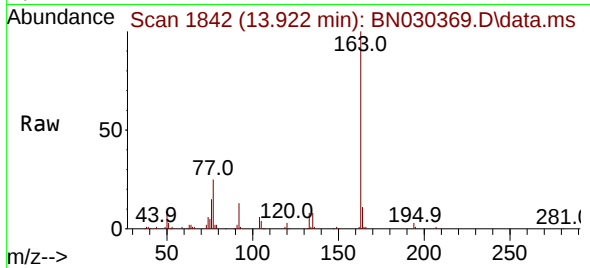
Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.4	80.0
138	89.9	79.8	119.6





#47
Dimethylphthalate
Concen: 4.751 ng/ul
RT: 13.922 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

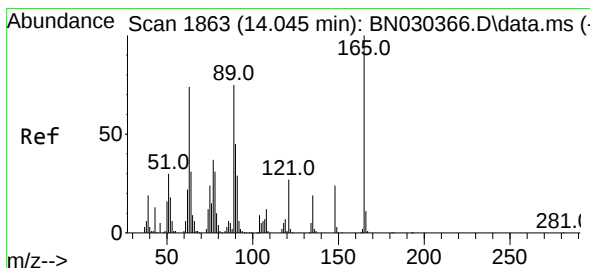
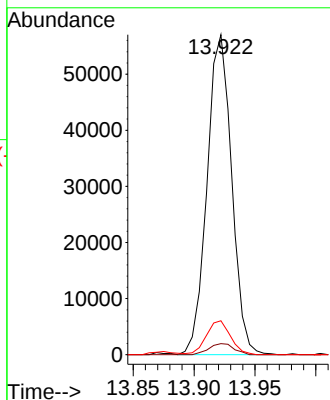
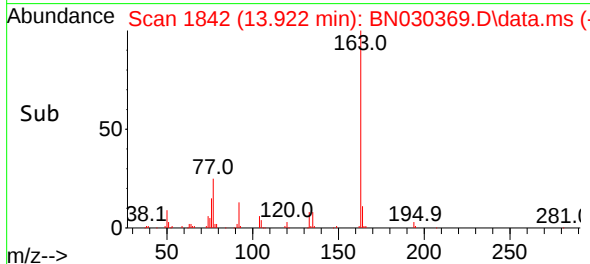
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02



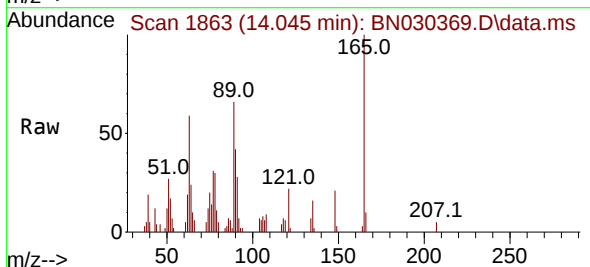
Tgt Ion:163 Resp: 80348
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.6 8.0 12.0

Manual Integrations
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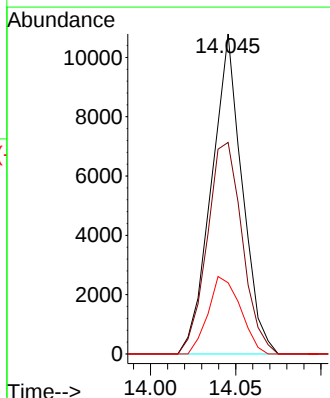
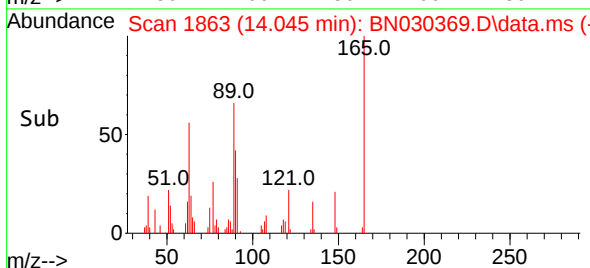
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

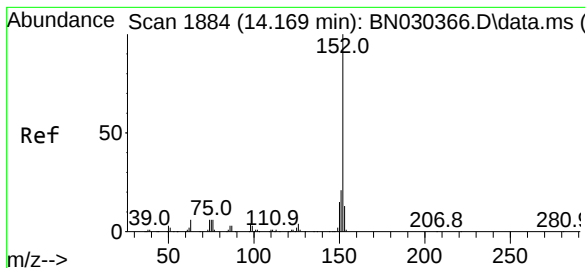


#48
2,6-Dinitrotoluene
Concen: 4.143 ng/ul
RT: 14.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20



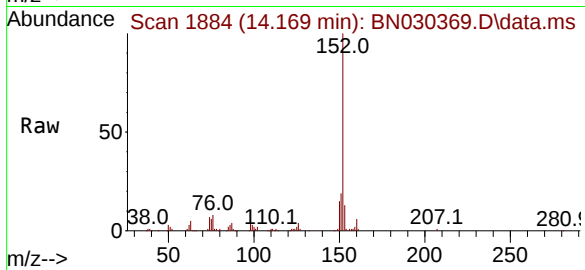
Tgt Ion:165 Resp: 13530
Ion Ratio Lower Upper
165 100
89 66.1 58.1 87.1
121 22.3 20.4 30.6





#50
Acenaphthylene
Concen: 4.940 ng/ul
RT: 14.169 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

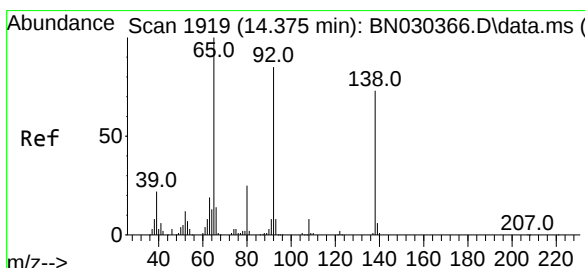
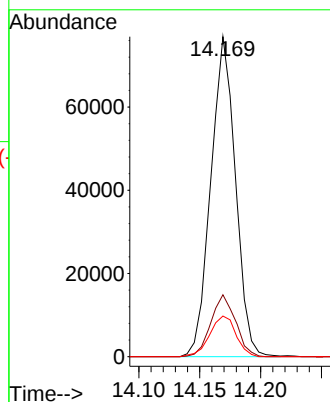
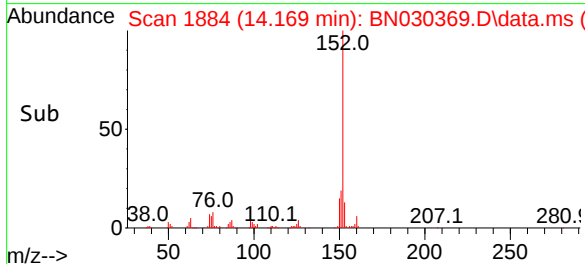
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02



Tgt Ion:152 Resp: 10836
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 12.7 10.7 16.1

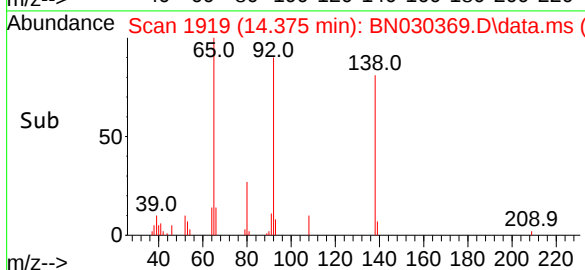
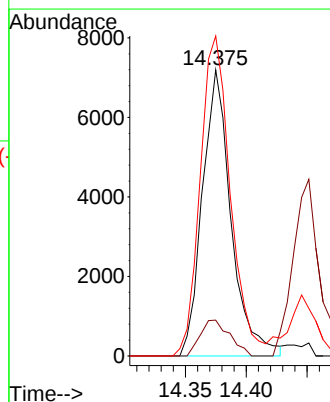
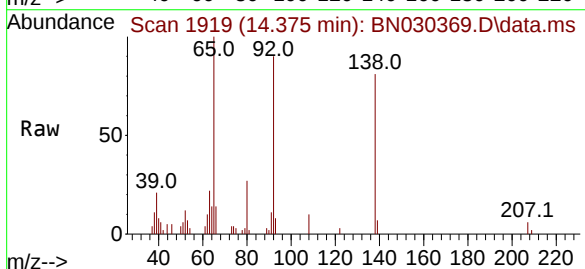
Manual Integrations
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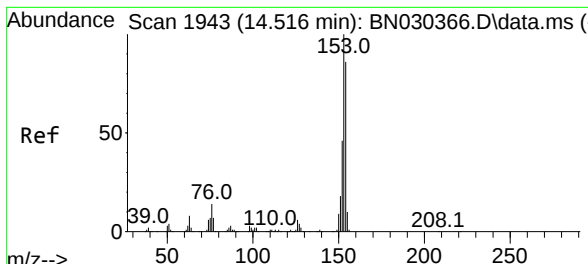
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#51
3-Nitroaniline
Concen: 3.687 ng/ul
RT: 14.375 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

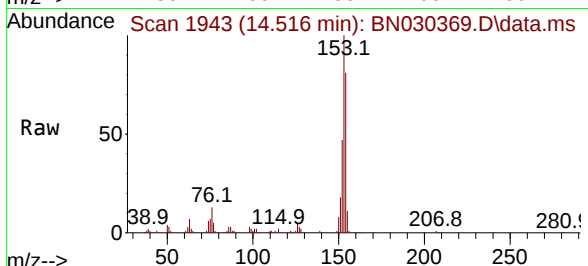
Tgt Ion:138 Resp: 11799
Ion Ratio Lower Upper
138 100
108 12.5 8.6 12.8
92 111.8 93.3 139.9





#52
 Acenaphthene
 Concen: 4.785 ng/ul
 RT: 14.516 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-02

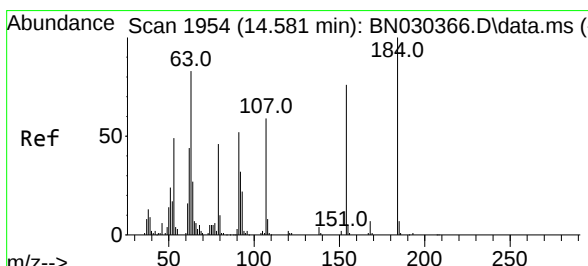
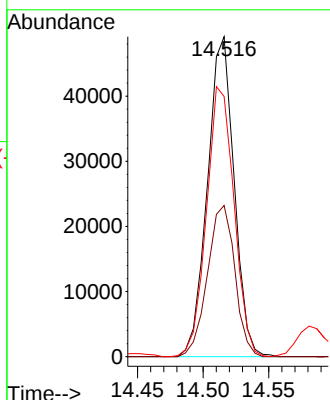
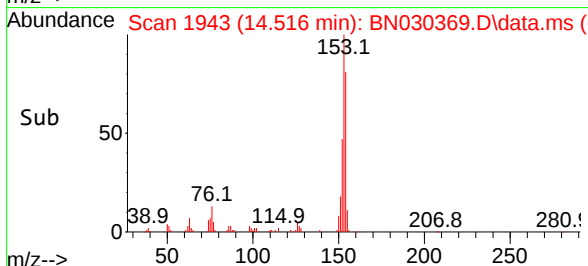


Tgt Ion:153 Resp: 6953

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.5	57.7
154	81.3	70.6	105.8

Manual Integrations
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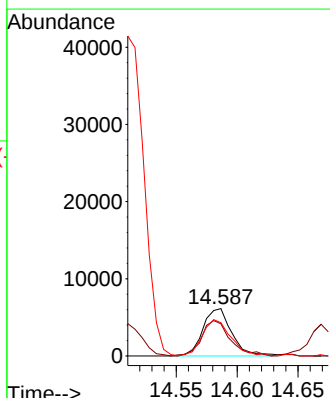
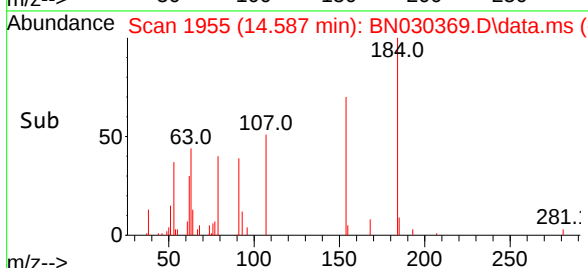
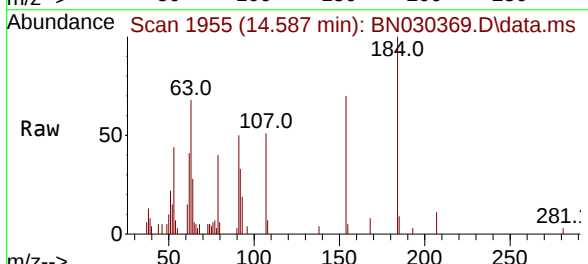
Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

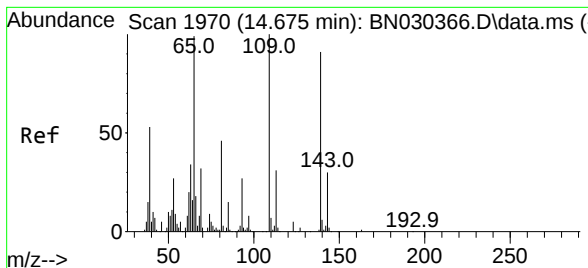


#53
 2,4-Dinitrophenol
 Concen: 5.504 ng/ul
 RT: 14.587 min Scan# 1955
 Delta R.T. 0.006 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

Tgt Ion:184 Resp: 10101

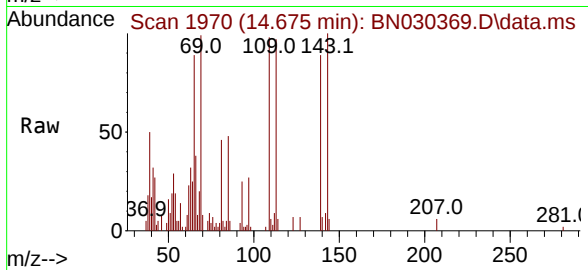
Ion	Ratio	Lower	Upper
184	100		
63	68.0	66.7	100.1
154	70.2	65.4	98.2





#55
4-Nitrophenol
Concen: 4.557 ng/ul
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

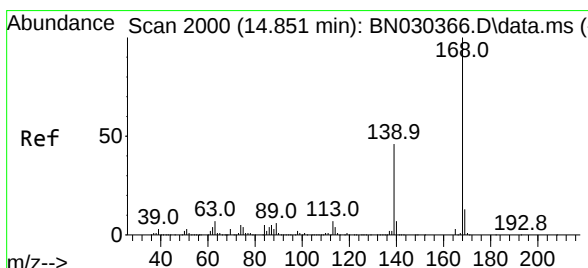
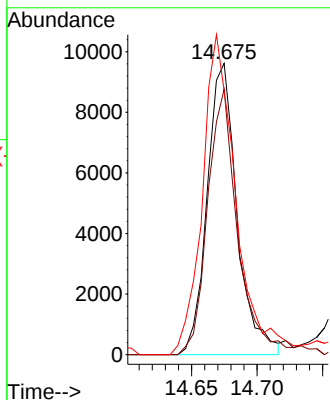
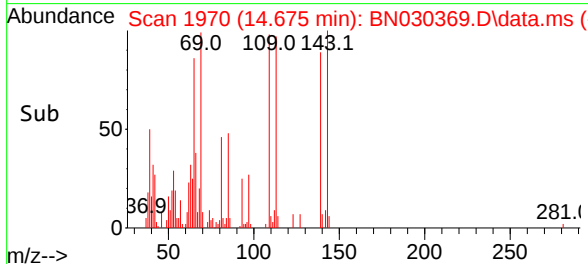
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02



Tgt Ion:109 Resp: 1524
Ion Ratio Lower Upper
109 100
139 91.1 77.0 115.4
65 90.6 81.6 122.4

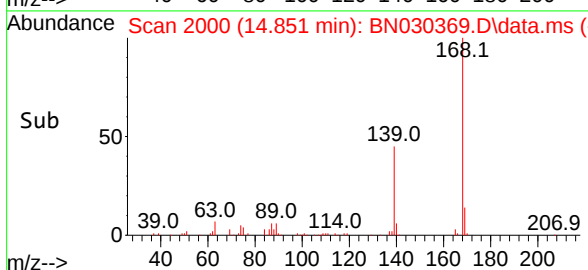
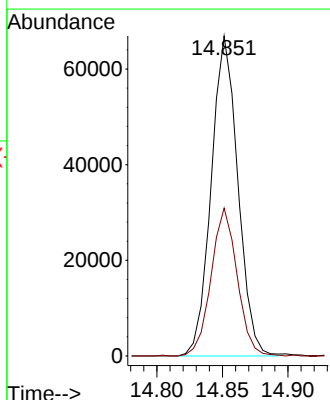
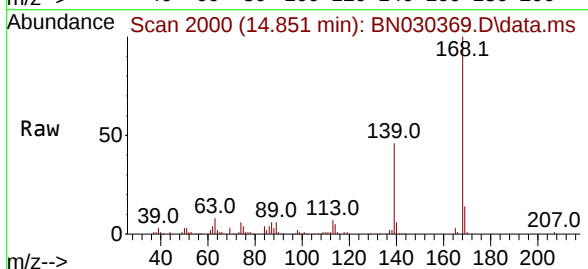
Manual Integrations
APPROVED

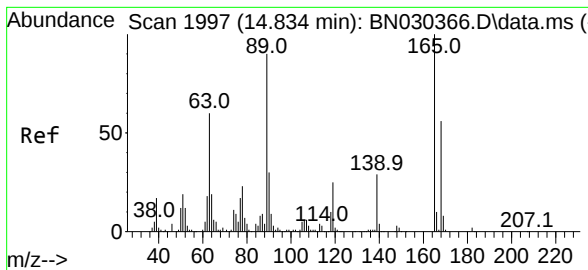
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#56
Dibenzofuran
Concen: 4.881 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion:168 Resp: 94606
Ion Ratio Lower Upper
168 100
139 46.2 35.4 53.0





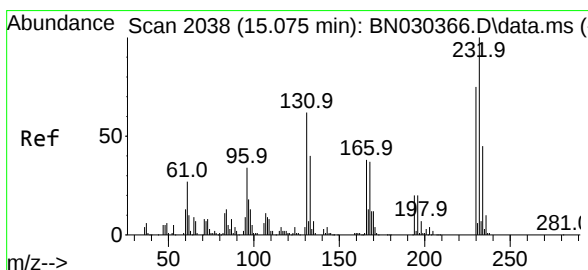
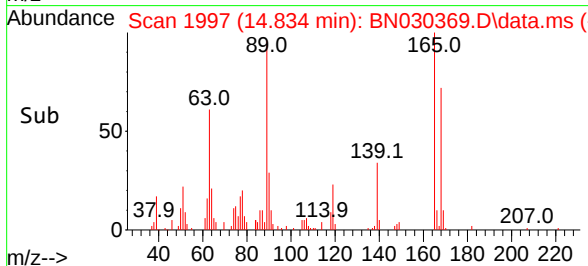
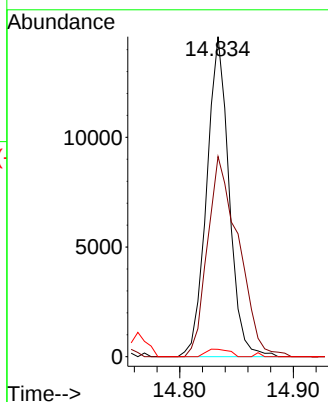
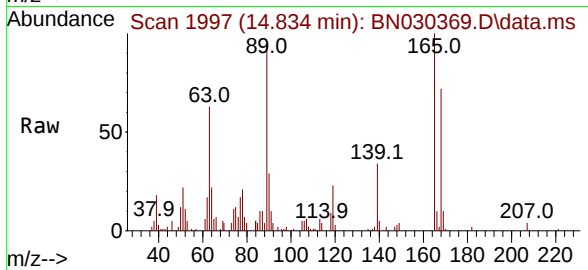
#57
2,4-Dinitrotoluene
Concen: 4.280 ng/ul
RT: 14.834 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02

Tgt Ion:165 Resp: 1995
Ion Ratio Lower Upper
165 100
63 62.6 48.6 72.8
182 2.3 2.1 3.1

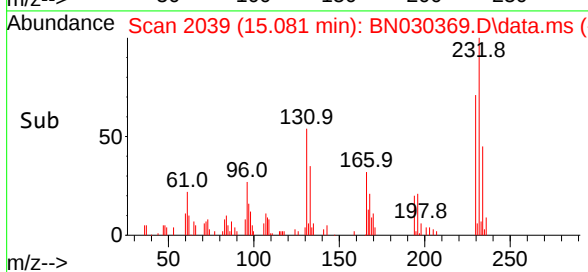
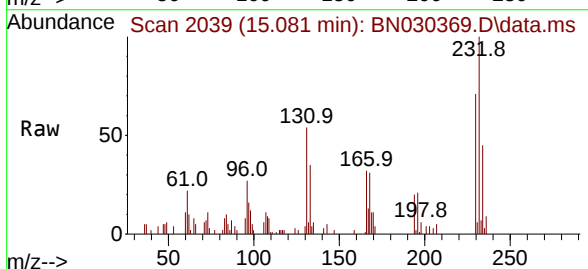
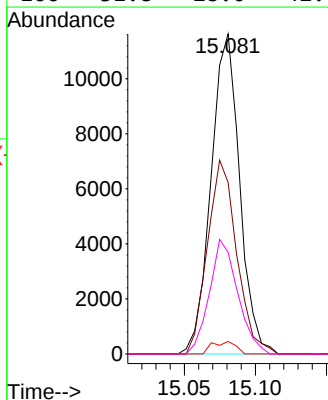
Manual Integrations
APPROVED

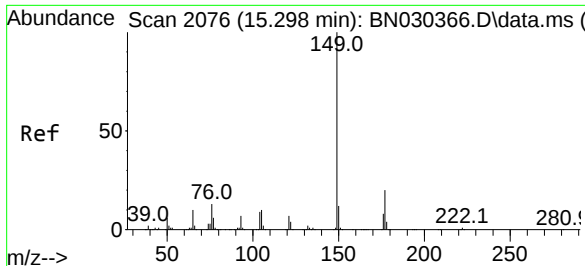
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.479 ng/ul
RT: 15.081 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion:232 Resp: 16287
Ion Ratio Lower Upper
232 100
131 53.6 46.4 69.6
130 3.9 2.7 4.1
166 31.8 28.0 42.0





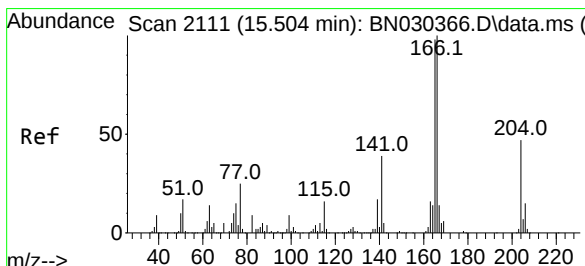
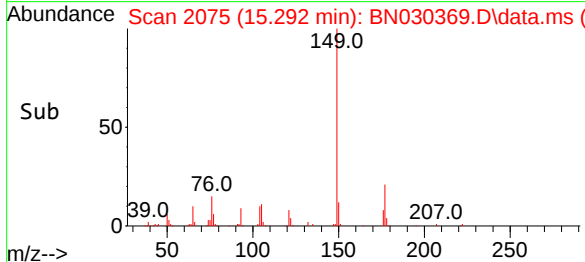
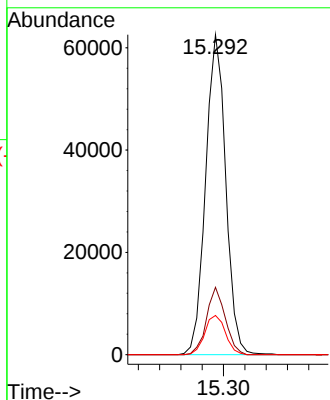
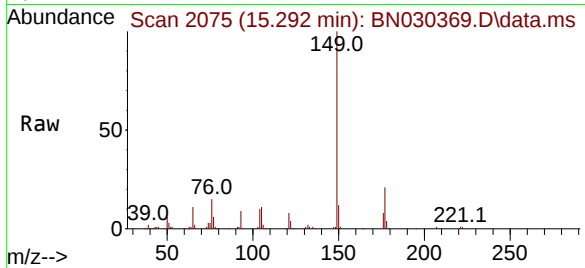
#59
Diethylphthalate
Concen: 4.542 ng/ul
RT: 15.292 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02

Tgt Ion:149 Resp: 8211
Ion Ratio Lower Upper
149 100
177 21.1 16.0 24.0
150 12.3 9.9 14.9

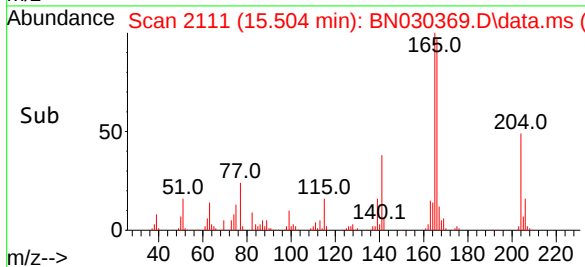
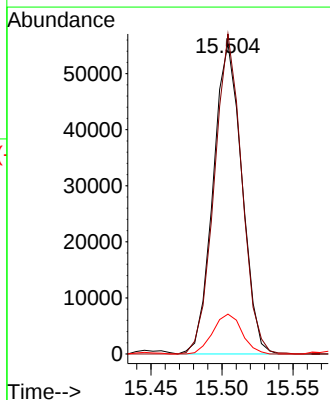
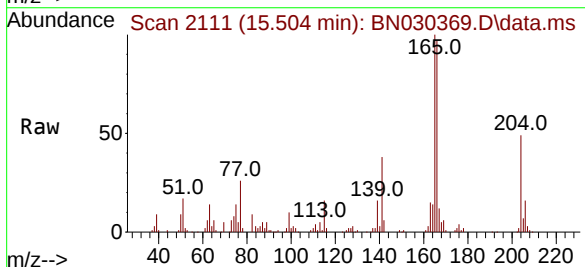
Manual Integrations
APPROVED

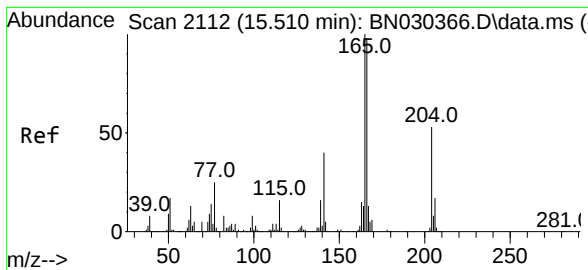
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#61
Fluorene
Concen: 4.865 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

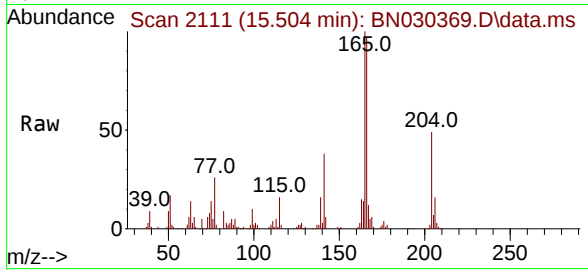
Tgt Ion:166 Resp: 77849
Ion Ratio Lower Upper
166 100
165 103.1 80.1 120.1
167 12.9 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 4.932 ng/ul
RT: 15.504 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

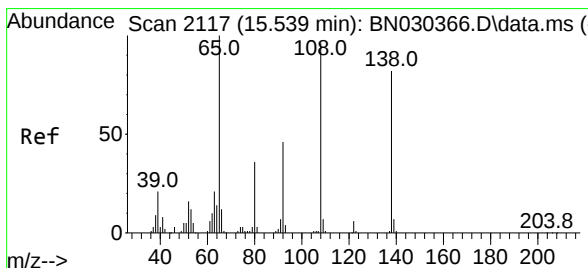
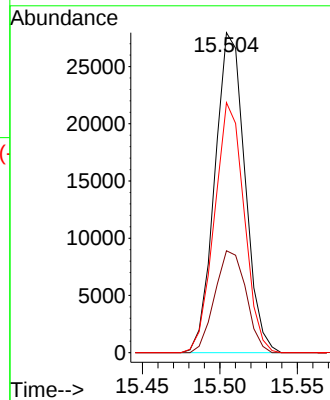
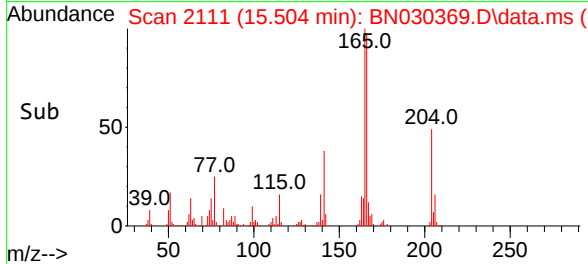
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:204 Resp: 37780
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 78.2 61.6 92.4

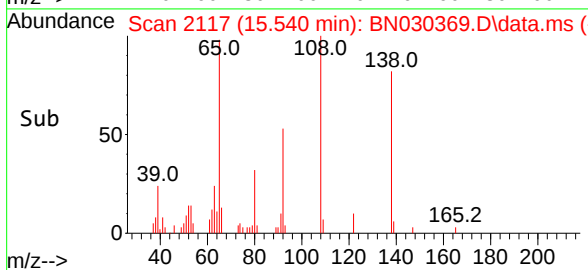
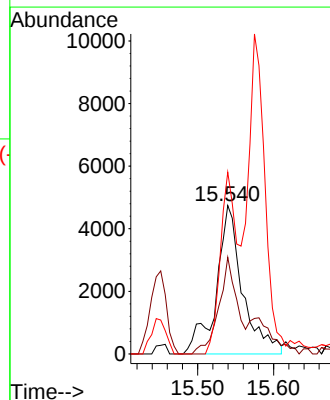
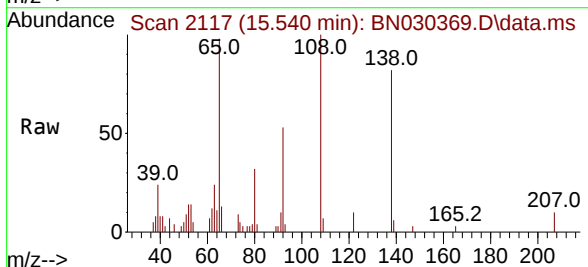
Manual Integrations
APPROVED

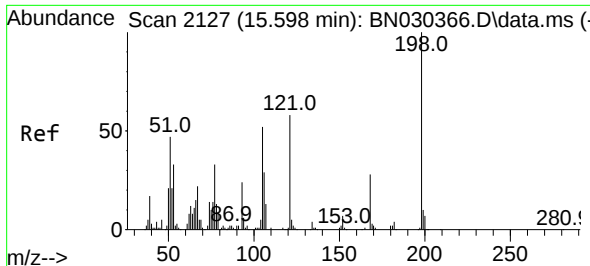
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#63
4-Nitroaniline
Concen: 3.861 ng/ul m
RT: 15.540 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

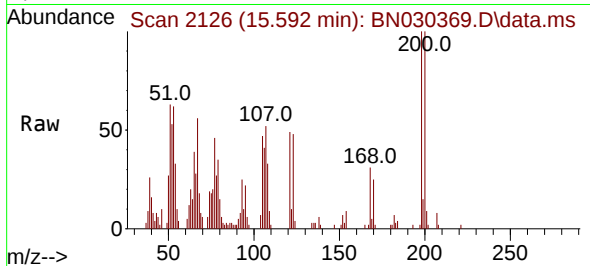
Tgt Ion:138 Resp: 11440
Ion Ratio Lower Upper
138 100
92 65.1 46.2 69.4
108 122.4 93.2 139.8





#66
4,6-Dinitro-2-methylphenol
Concen: 4.924 ng/ul
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

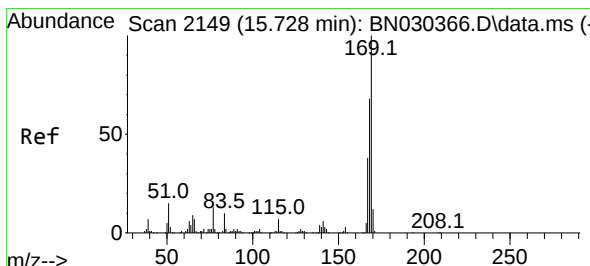
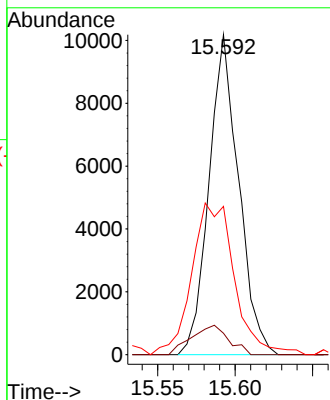
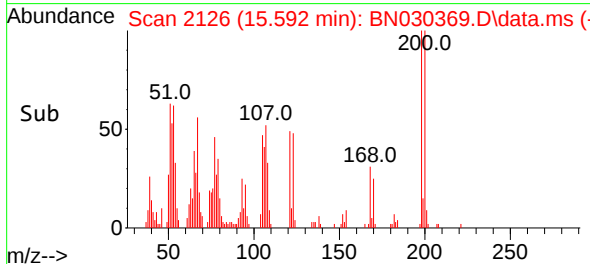
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:198 Resp: 1352
Ion Ratio Lower Upper
198 100
182 6.7 3.0 4.4
77 46.4 29.7 44.5

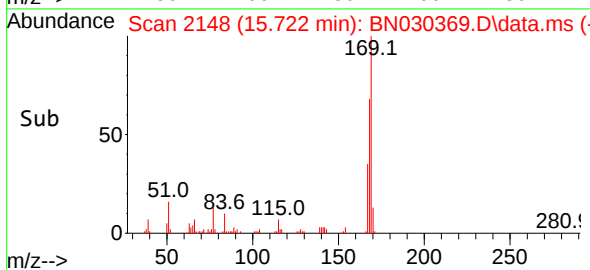
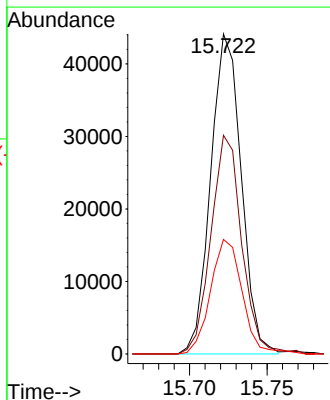
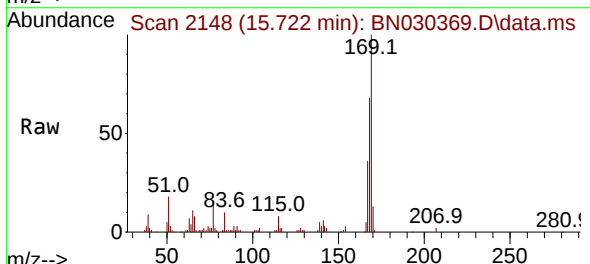
Manual Integrations
APPROVED

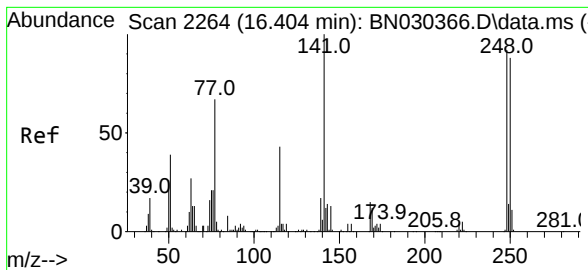
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#67
N-Nitrosodiphenylamine
Concen: 4.707 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

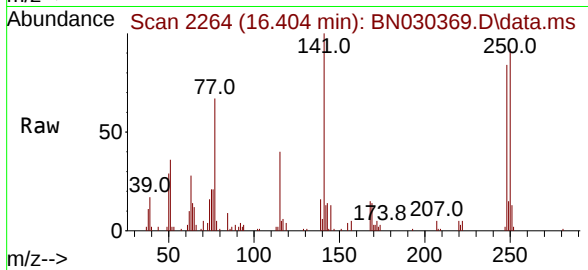
Tgt Ion:169 Resp: 60535
Ion Ratio Lower Upper
169 100
168 68.4 54.1 81.1
167 35.8 30.2 45.2





#68
4-Bromophenyl-phenylether
Concen: 4.786 ng/ul
RT: 16.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

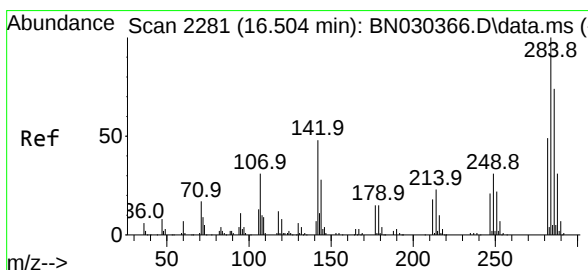
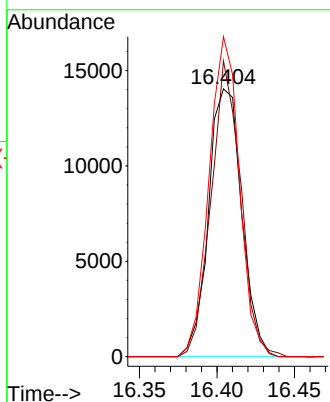
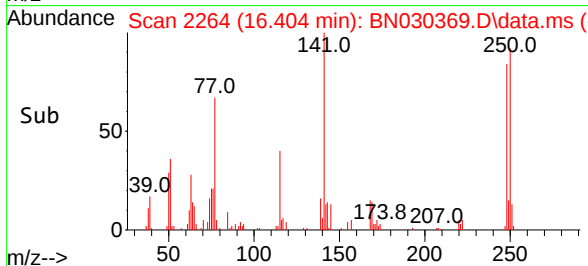
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



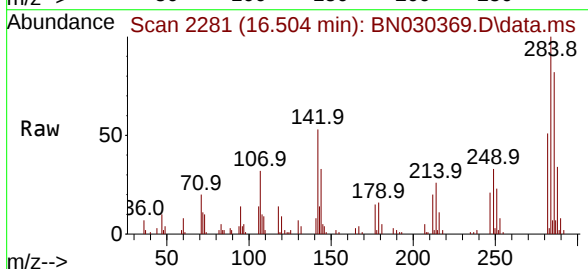
Tgt Ion:248 Resp: 2090
Ion Ratio Lower Upper
248 100
250 110.4 74.6 112.0
141 119.5 73.4 110.0

Manual Integrations
APPROVED

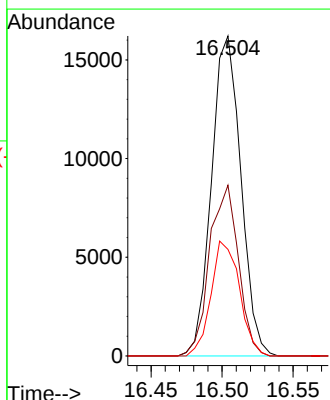
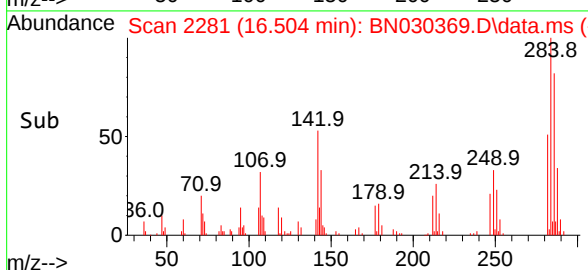
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

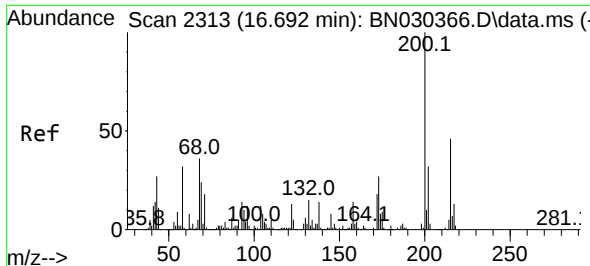


#69
Hexachlorobenzene
Concen: 4.885 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20



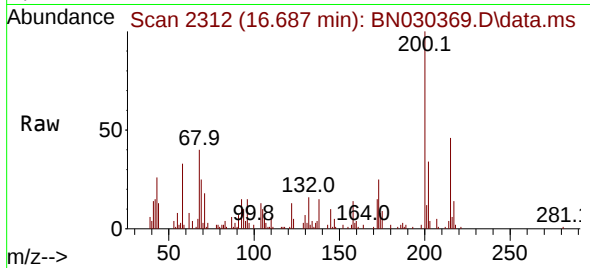
Tgt Ion:284 Resp: 23366
Ion Ratio Lower Upper
284 100
142 53.4 41.3 61.9
249 33.3 28.1 42.1





#70
Atrazine
Concen: 5.196 ng/ul
RT: 16.687 min Scan# 2312
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

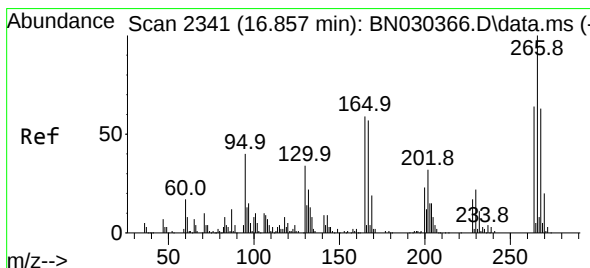
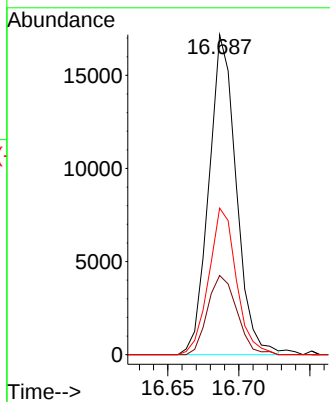
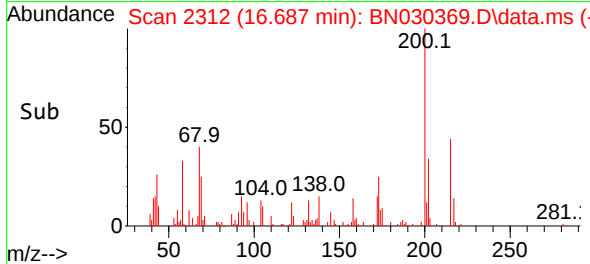
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:200 Resp: 2300
Ion Ratio Lower Upper
200 100
173 24.7 23.3 34.9
215 45.8 36.5 54.7

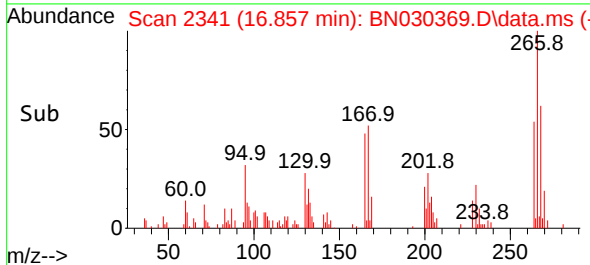
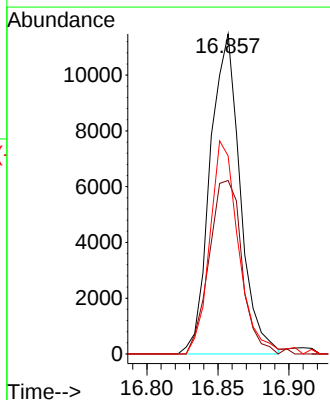
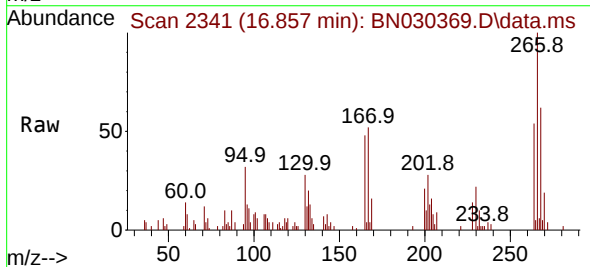
Manual Integrations
APPROVED

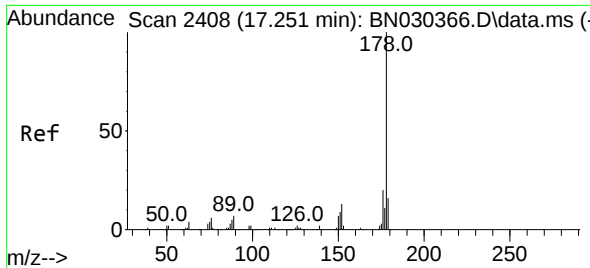
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#71
Pentachlorophenol
Concen: 5.206 ng/ul
RT: 16.857 min Scan# 2341
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

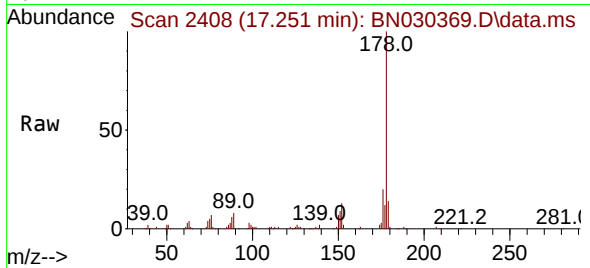
Tgt Ion:266 Resp: 16849
Ion Ratio Lower Upper
266 100
264 54.2 53.1 79.7
268 61.9 48.8 73.2





#72
Phenanthrene
Concen: 4.832 ng/ul
RT: 17.251 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

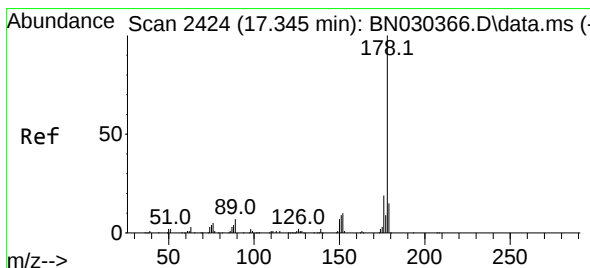
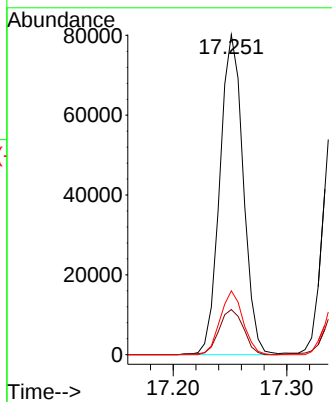
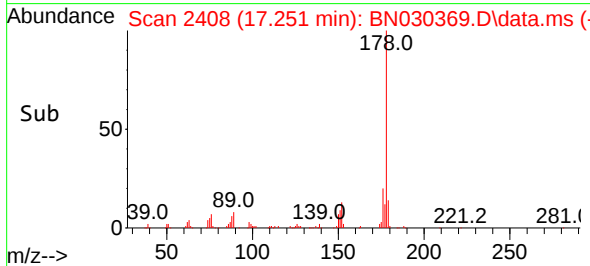
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:178 Resp: 11487
Ion Ratio Lower Upper
178 100
179 14.1 12.8 19.2
176 19.9 15.4 23.0

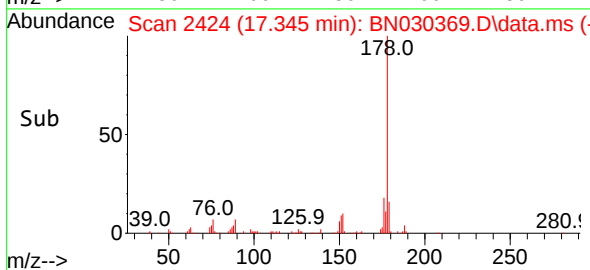
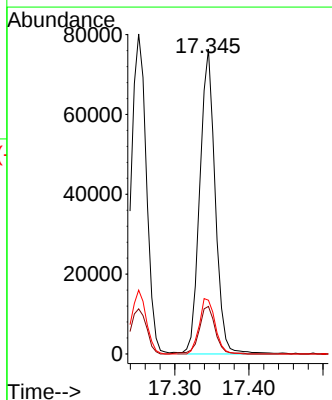
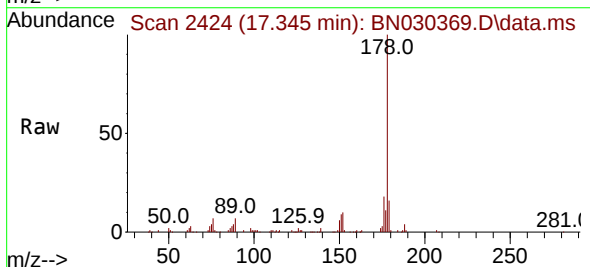
Manual Integrations
APPROVED

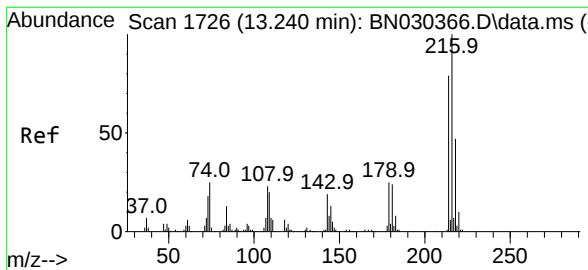
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#74
Anthracene
Concen: 4.553 ng/ul
RT: 17.345 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

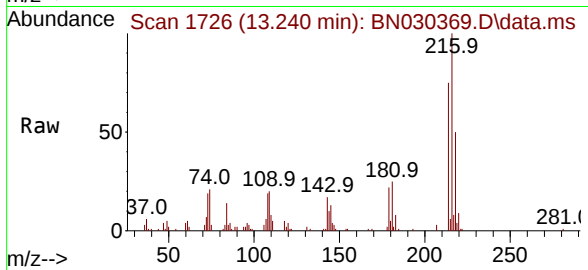
Tgt Ion:178 Resp: 110118
Ion Ratio Lower Upper
178 100
179 15.6 11.9 17.9
176 17.6 14.6 22.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 5.127 ng/uL
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

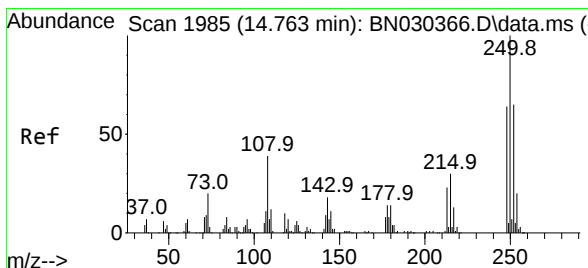
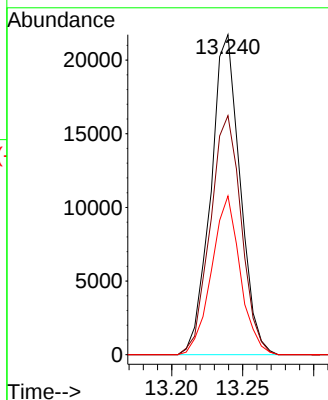
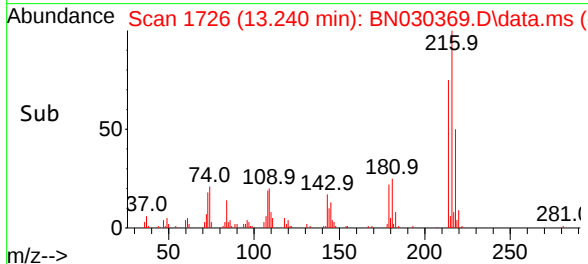
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02



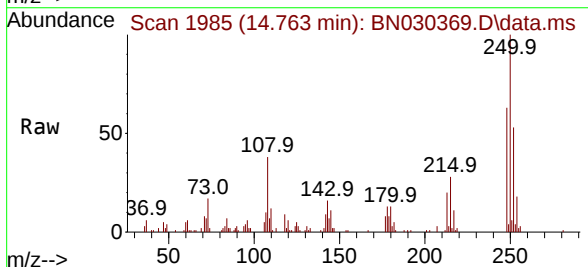
Tgt Ion:216 Resp: 3120
Ion Ratio Lower Upper
216 100
214 74.7 63.3 94.9
218 49.6 39.6 59.4

Manual Integrations
APPROVED

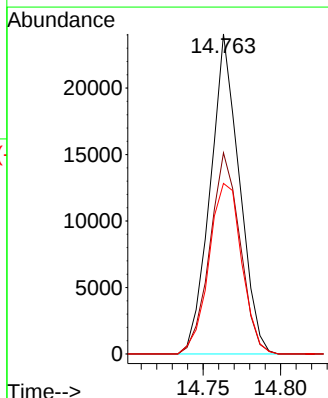
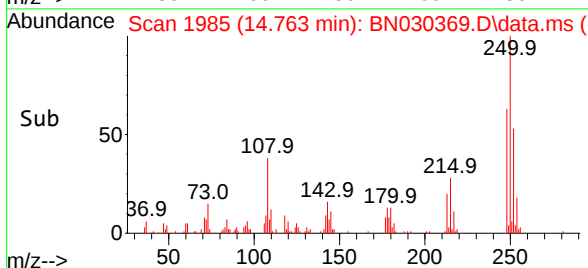
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

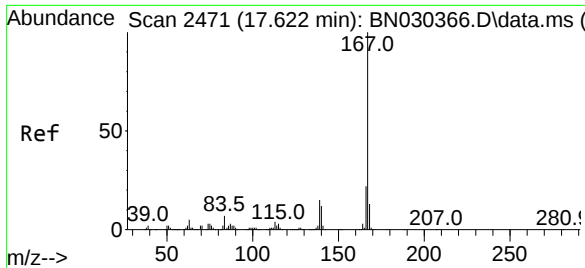


#76
Pentachlorobenzene
Concen: 5.522 ng/uL
RT: 14.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20



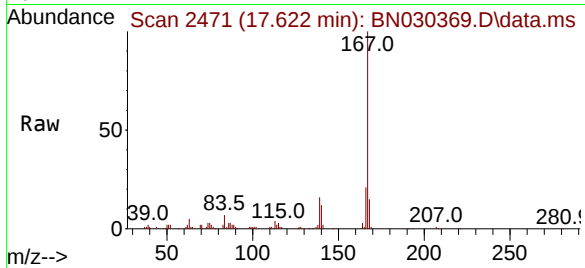
Tgt Ion:250 Resp: 31339
Ion Ratio Lower Upper
250 100
248 62.8 51.0 76.6
252 53.3 49.1 73.7





#77
 Carbazole
 Concen: 4.168 ng/ul
 RT: 17.622 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

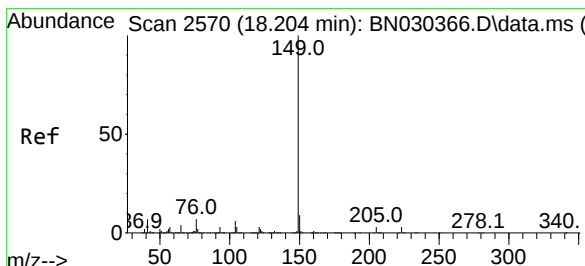
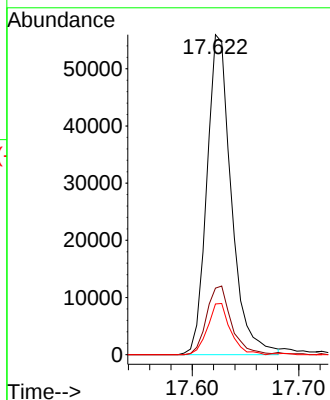
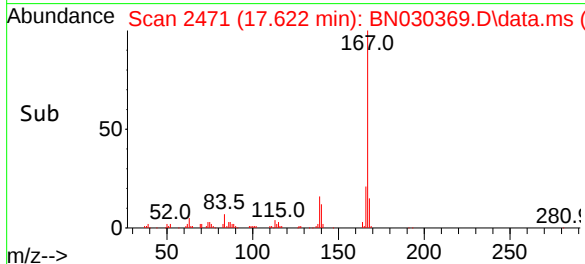
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-02



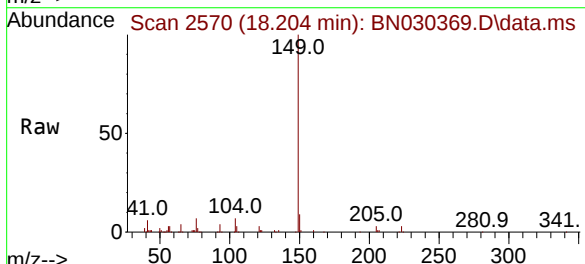
Tgt Ion:167 Resp: 8950
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.3 25.9
 139 15.9 11.9 17.9

Manual Integrations
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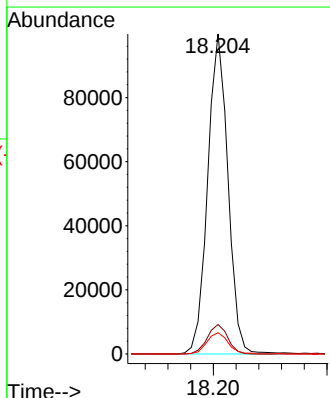
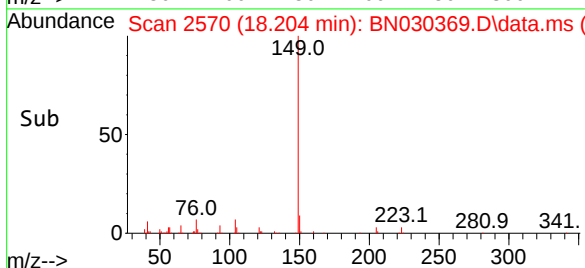
Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

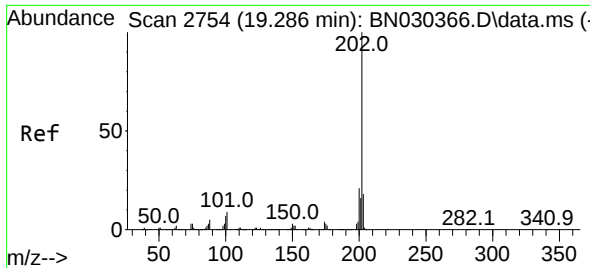


#78
 Di-n-butylphthalate
 Concen: 4.142 ng/ul
 RT: 18.204 min Scan# 2570
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20



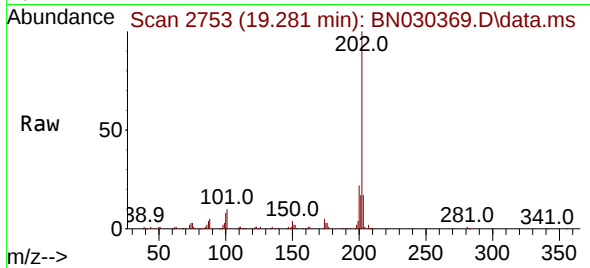
Tgt Ion:149 Resp: 123602
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 6.6 5.3 7.9





#80
Fluoranthene
Concen: 4.252 ng/ul
RT: 19.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

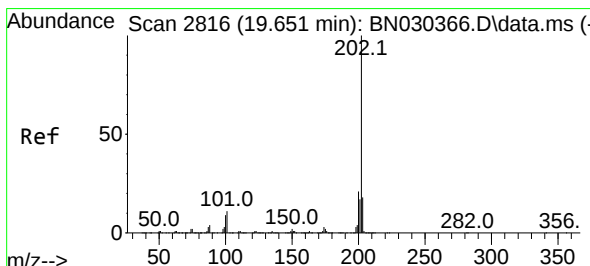
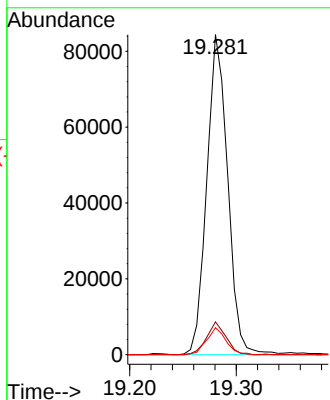
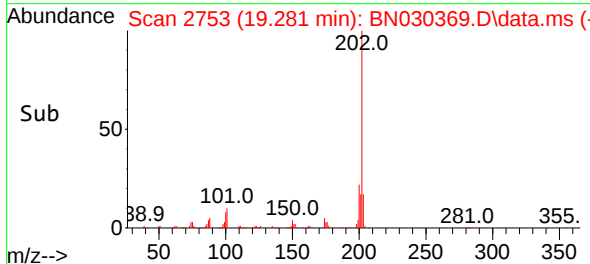
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:202 Resp: 11503
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 8.4 6.5 9.7

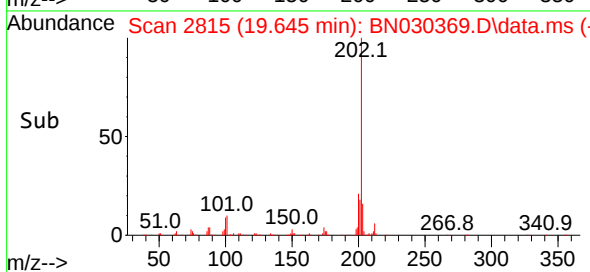
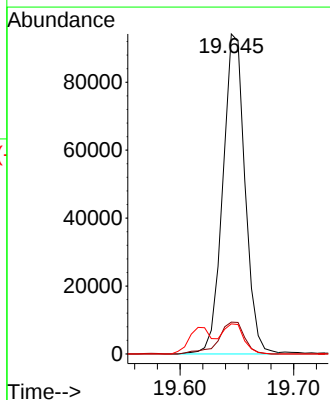
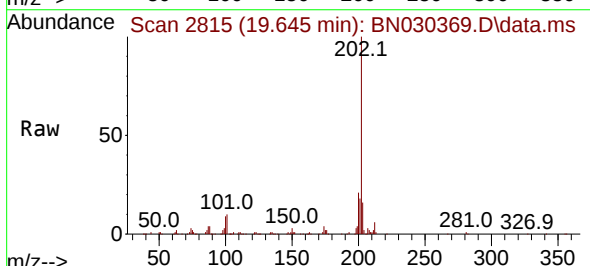
Manual Integrations
APPROVED

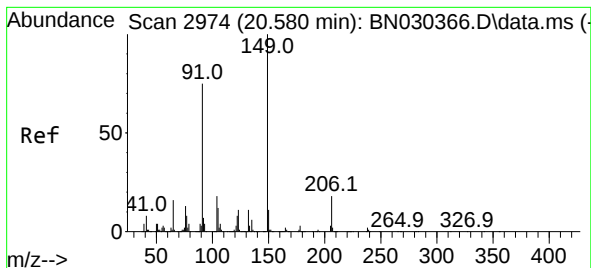
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#82
Pyrene
Concen: 4.594 ng/ul
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion:202 Resp: 127739
Ion Ratio Lower Upper
202 100
101 9.9 9.4 14.0
100 9.4 7.8 11.8





#83

Butylbenzylphthalate

Concen: 3.764 ng/ul

RT: 20.580 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

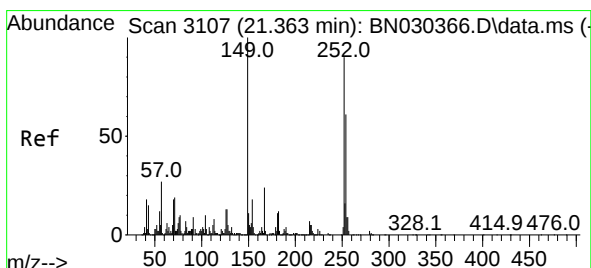
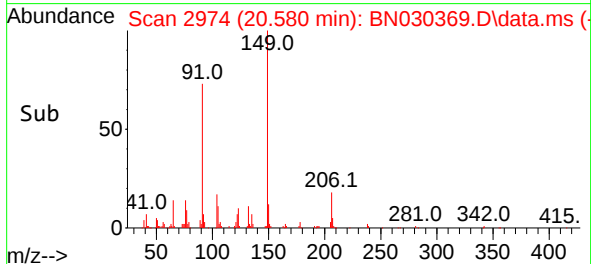
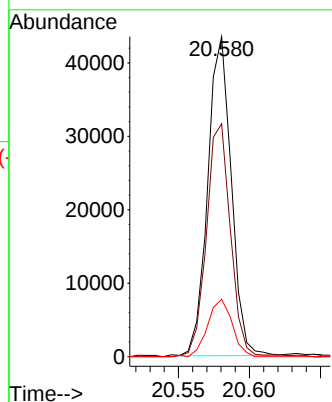
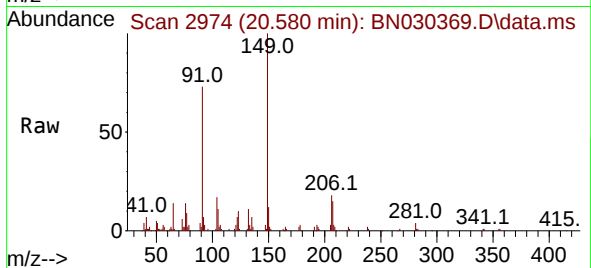
MDL-SOIL-QT1-2024-02

Tgt Ion:	149	Resp:	50144
Ion Ratio	Lower	Upper	
149	100		
91	72.8	60.9	91.3
206	18.0	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.865 ng/ul

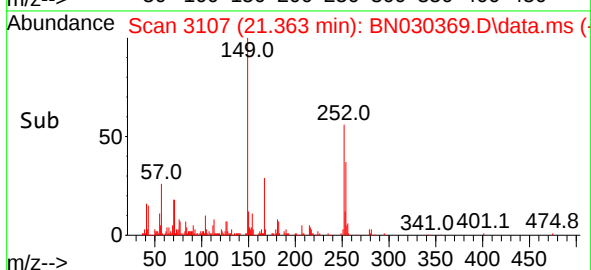
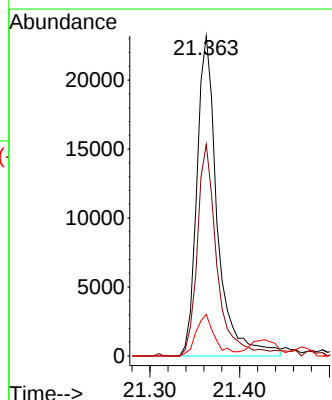
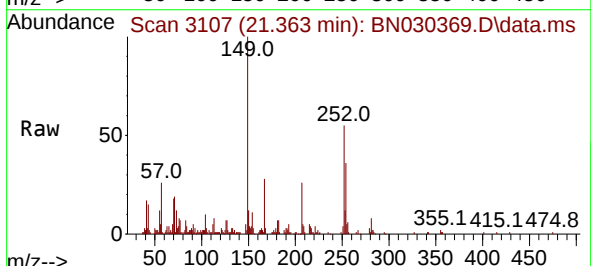
RT: 21.363 min Scan# 3107

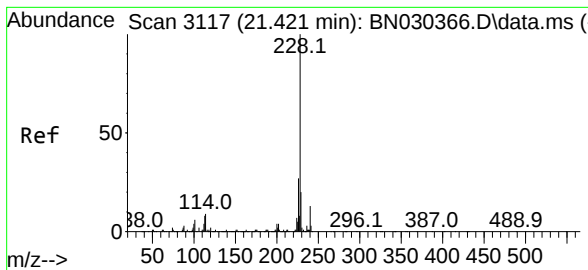
Delta R.T. 0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Tgt Ion:	252	Resp:	36762
Ion Ratio	Lower	Upper	
252	100		
254	66.1	49.2	73.8
126	13.0	10.4	15.6





#85

Benzo(a)anthracene

Concen: 4.596 ng/ul

RT: 21.416 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

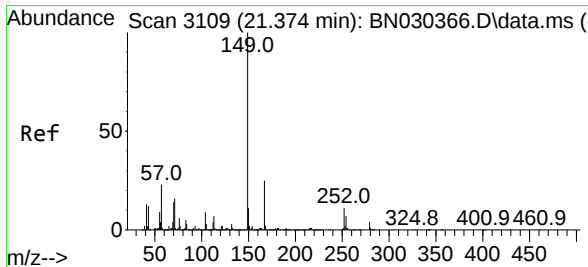
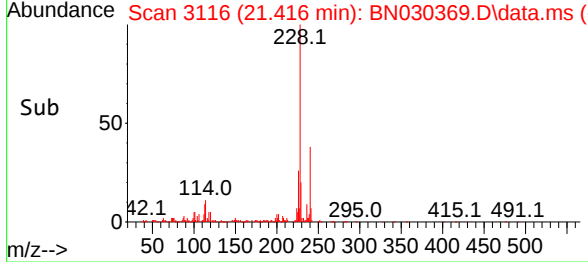
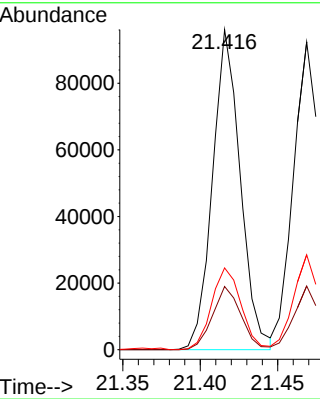
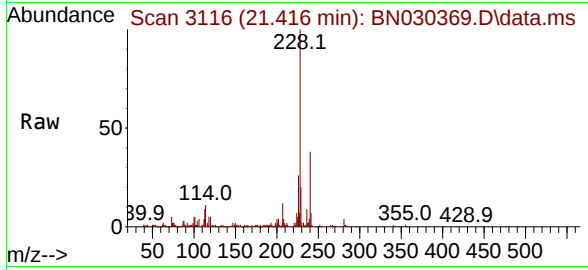
MDL-SOIL-QT1-2024-02

Tgt Ion:	228	Resp:	11990
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.4	23.2
226	25.6	21.6	32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.918 ng/ul

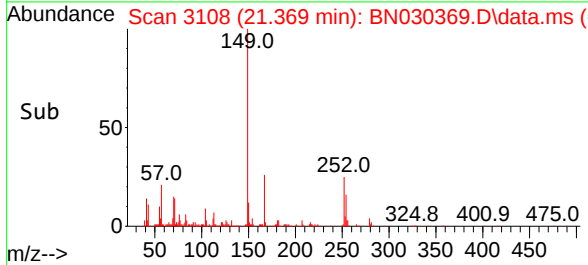
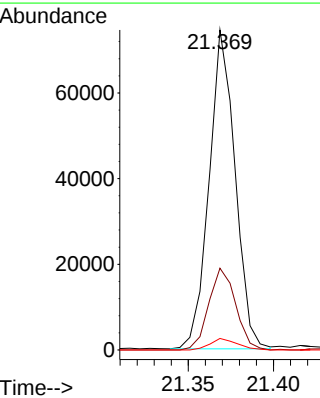
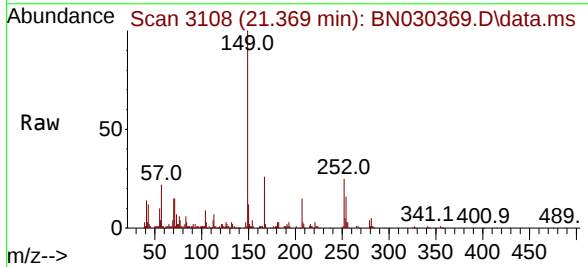
RT: 21.369 min Scan# 3108

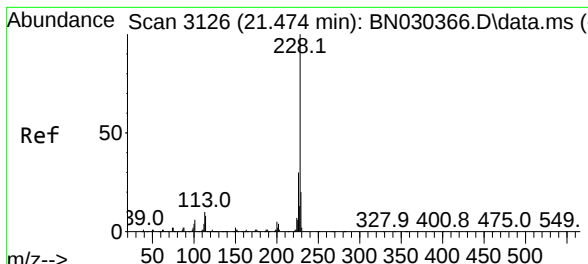
Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Tgt Ion:	149	Resp:	78997
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.0	31.6
279	3.6	2.6	4.0





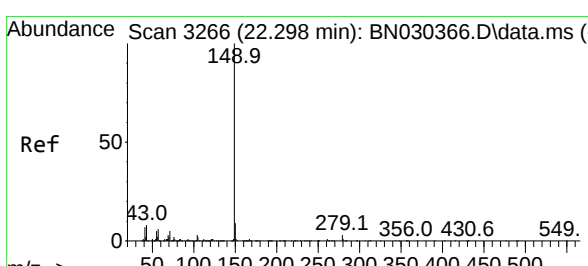
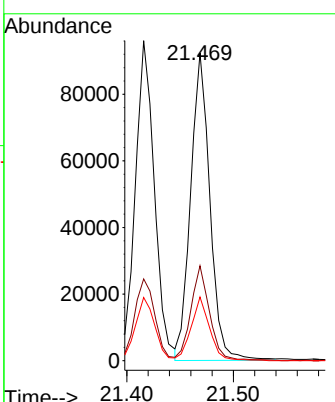
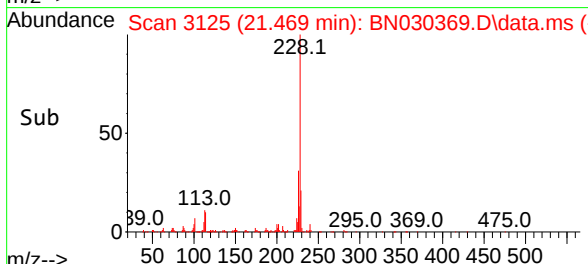
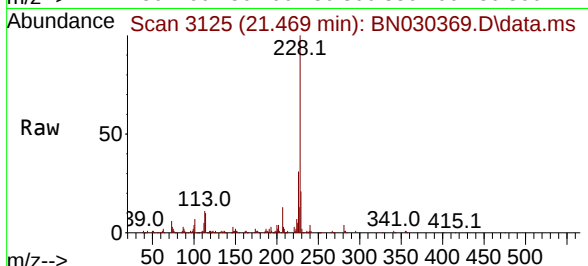
#87
 Chrysene
 Concen: 4.816 ng/ul
 RT: 21.469 min Scan# 3126
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2024-02

Tgt Ion:228 Resp: 116548

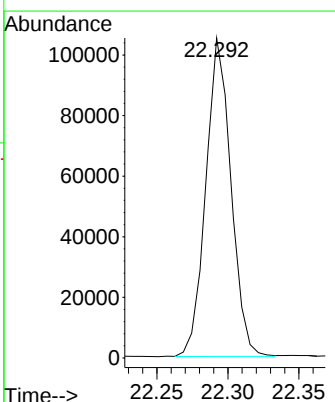
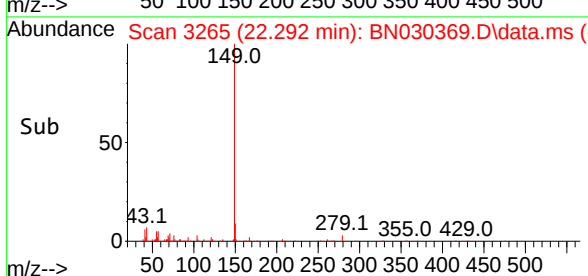
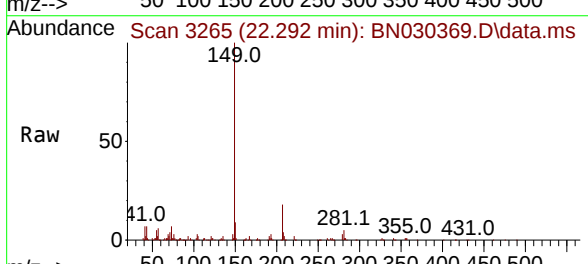
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.0	34.6
229	20.7	15.9	23.9

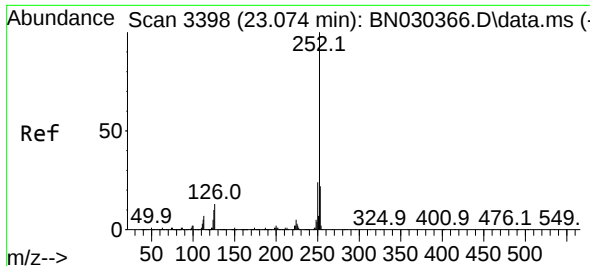
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024



#89
 Di-n-octyl phthalate
 Concen: 3.680 ng/ul
 RT: 22.292 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: BN030369.D
 Acq: 12 Mar 2024 11:20

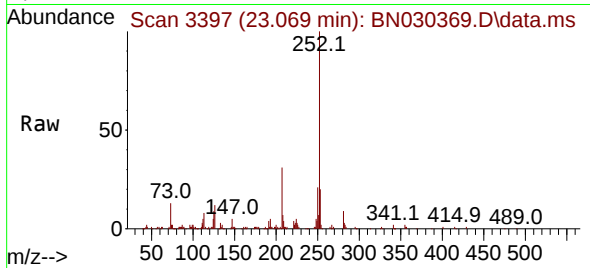
Tgt Ion:149 Resp: 129220





#90
Benzo(b)fluoranthene
Concen: 4.695 ng/ul
RT: 23.069 min Scan# 3398
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

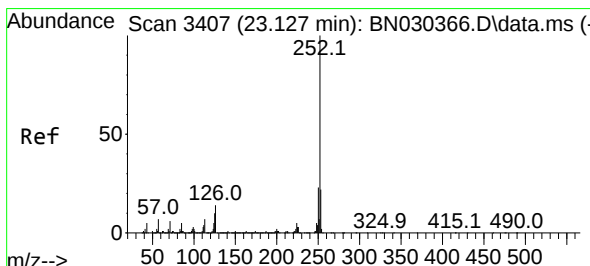
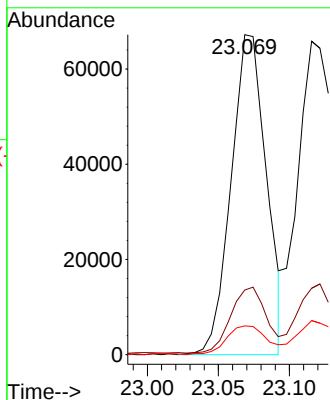
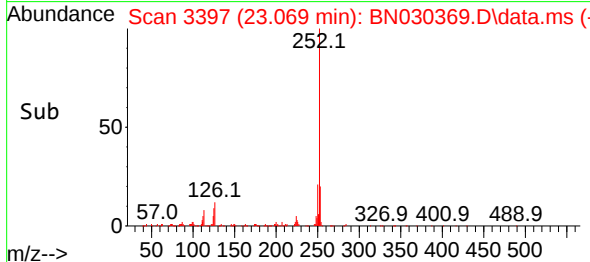
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2024-02



Tgt Ion:252 Resp: 116119
Ion Ratio Lower Upper
252 100
253 20.2 15.9 23.9
125 9.0 8.4 12.6

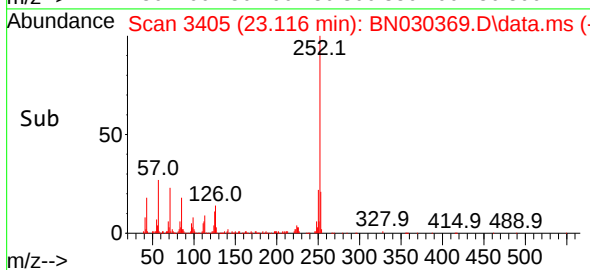
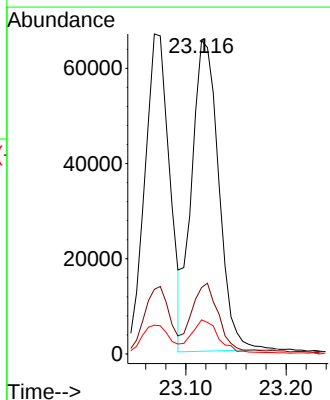
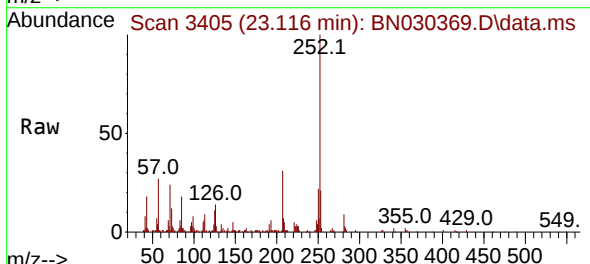
Manual Integrations
APPROVED

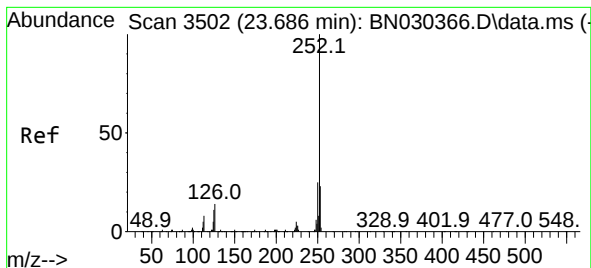
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#91
Benzo(k)fluoranthene
Concen: 4.818 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BN030369.D
Acq: 12 Mar 2024 11:20

Tgt Ion:252 Resp: 123059
Ion Ratio Lower Upper
252 100
253 21.2 16.1 24.1
125 10.9 8.2 12.4





#93

Benzo(a)pyrene

Concen: 4.751 ng/ul

RT: 23.680 min Scan# 3502

Delta R.T. -0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

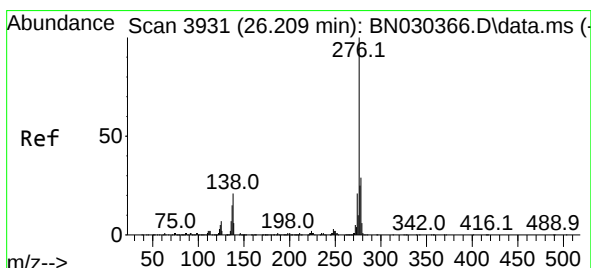
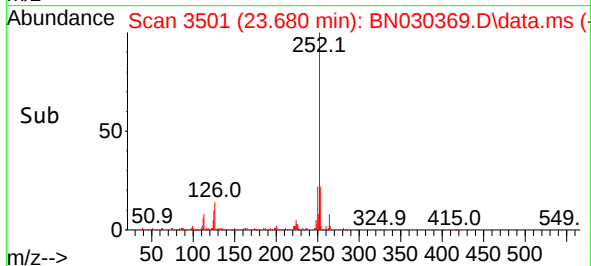
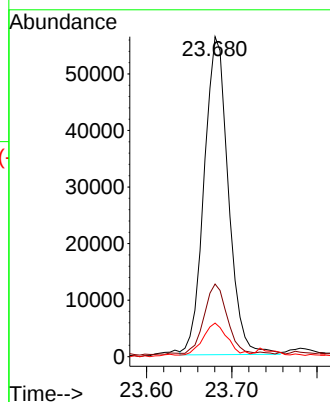
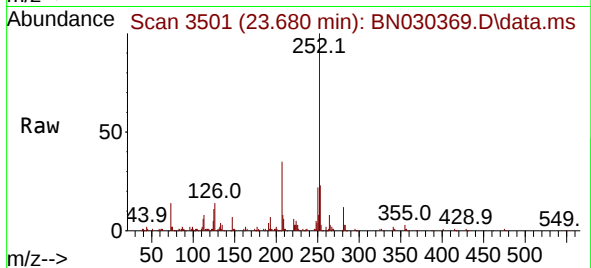
MDL-SOIL-QT1-2024-02

Tgt Ion:252	Resp: 111194
Ion Ratio	Lower Upper
252 100	
253 22.7	18.2 27.2
125 10.5	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.687 ng/ul

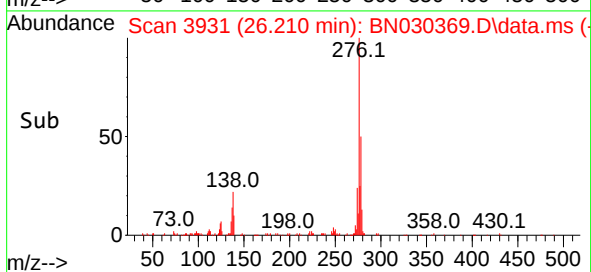
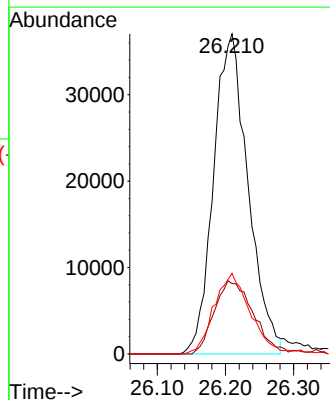
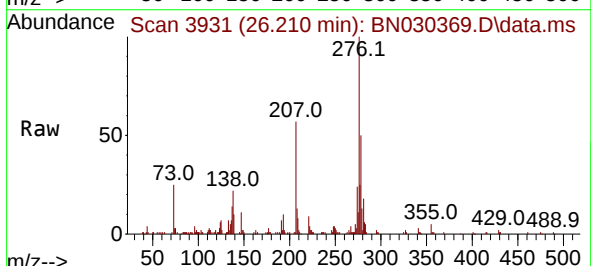
RT: 26.210 min Scan# 3931

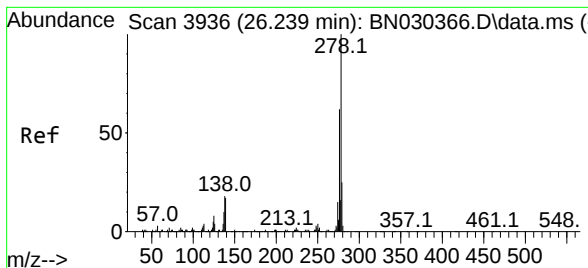
Delta R.T. 0.006 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Tgt Ion:276	Resp: 130466
Ion Ratio	Lower Upper
276 100	
138 22.0	18.2 27.4
277 25.2	19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 4.858 ng/ul

RT: 26.233 min Scan# 3936

Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Instrument :

BNA_N

ClientSampleId :

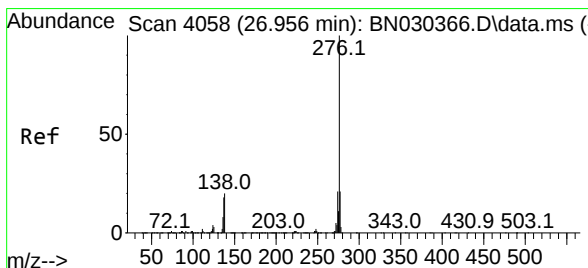
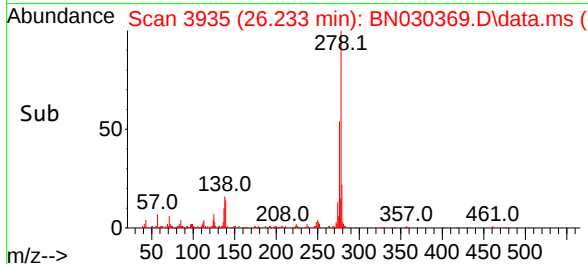
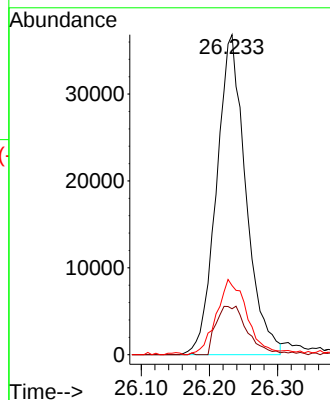
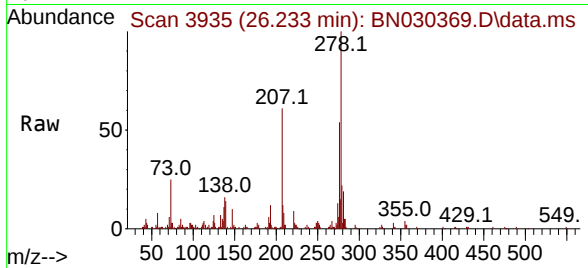
MDL-SOIL-QT1-2024-02

Tgt Ion:	278	Resp:	11024
Ion Ratio	Lower	Upper	
278	100		
139	14.3	13.0	19.6
279	21.6	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024



#96

Benzo(g,h,i)perylene

Concen: 4.891 ng/ul

RT: 26.945 min Scan# 4056

Delta R.T. -0.000 min

Lab File: BN030369.D

Acq: 12 Mar 2024 11:20

Tgt Ion:	276	Resp:	110255
Ion Ratio	Lower	Upper	
276	100		
138	20.5	18.9	28.3
277	22.4	18.6	27.8

