

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030623\
 Data File : BN024131.D
 Acq On : 06 Mar 2023 12:24
 Operator : CG/JU
 Sample : 01378-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Mar 07 04:30:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 04:27:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	287027	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1256674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	758053	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1583809	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1541926	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1595191	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	35164	4.779	ng/uL	0.00
4) Pyridine-d5	3.834	84	342236	16.809	ng/u1	0.00
7) Phenol-d5	7.199	99	502766	19.528	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	326758	19.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	388339	19.641	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	381883	18.658	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	161762	19.832	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	177753	19.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	356234	18.561	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	533114	18.618	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1133927	19.382	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1334894	19.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	190904	17.077	ng/u1	0.00
60) Fluorene-d10	15.686	176	972876	19.787	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	126862	14.867	ng/u1	0.00
73) Anthracene-d10	17.539	188	1376945	18.434	ng/u1	0.00
81) Pyrene-d10	19.827	212	1699716	18.862	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1629084	20.544	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	10622	1.333	ng/uL	95
5) Pyridine	3.852	79	90579	4.298	ng/u1#	77
6) Benzaldehyde	7.187	77	65351m	5.225	ng/u1	
8) Phenol	7.228	94	129675	4.859	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.475	93	104305	4.823	ng/u1	100
12) 2-Chlorophenol	7.610	128	98084	4.778	ng/u1	98
13) 2-Methylphenol	8.493	108	92423	4.605	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	168355	4.907	ng/u1	99
16) Acetophenone	8.881	105	170310	5.360	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	76891	4.929	ng/u1	98
18) 4-Methylphenol	8.822	108	107157	4.851	ng/u1	98
19) Hexachloroethane	9.152	117	36439	4.520	ng/u1	98
22) Nitrobenzene	9.269	77	111455	5.048	ng/u1	98
23) Isophorone	9.793	82	234003	4.849	ng/u1	99
25) 2-Nitrophenol	9.981	139	51883	5.078	ng/u1	96
26) 2,4-Dimethylphenol	10.034	107	96326	4.137	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.281	93	149013	4.973	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	96254	4.969	ng/u1	96
30) Naphthalene	10.928	128	349794	5.058	ng/u1	100
32) 4-Chloroaniline	11.034	127	142669	4.941	ng/u1	98
33) Hexachlorobutadiene	11.216	225	57277	4.852	ng/u1	91
34) Caprolactam	11.804	113	34782m	5.265	ng/u1	
35) 4-Chloro-3-methylphenol	12.140	107	103210	4.836	ng/u1	94
36) 2-Methylnaphthalene	12.528	142	230938	5.072	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	188716	4.136	ng/u1	92
39) 1,2,4,5-Tetrachloroben...	12.893	216	117270	5.141	ng/u1	98
40) Hexachlorocyclopentadiene	12.881	237	52232	4.249	ng/u1	95
41) 2,4,6-Trichlorophenol	13.128	196	70077	4.689	ng/u1	98
42) 2,4,5-Trichlorophenol	13.192	196	77259	4.801	ng/u1	94
43) 1,1'-Biphenyl	13.534	154	309643	5.128	ng/u1	99
44) 2-Chloronaphthalene	13.575	162	243220	5.170	ng/u1	99
45) 2-Nitroaniline	13.769	65	37481	3.657	ng/u1	87
47) Dimethylphthalate	14.145	163	302763	5.135	ng/u1	100
48) 2,6-Dinitrotoluene	14.263	165	29085	3.351	ng/u1	93
50) Acenaphthylene	14.416	152	384398	5.238	ng/u1	100
51) 3-Nitroaniline	14.592	138	40014	3.793	ng/u1#	97
52) Acenaphthene	14.757	153	262007	5.234	ng/u1	97
53) 2,4-Dinitrophenol	14.792	184	29138	4.849	ng/u1	98
55) 4-Nitrophenol	14.881	109	40531	4.759	ng/u1	98
56) Dibenzofuran	15.092	168	371724	5.286	ng/u1	96
57) 2,4-Dinitrotoluene	15.045	165	54705	3.998	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.310	232	64674	4.675	ng/u1	97
59) Diethylphthalate	15.510	149	295108	5.021	ng/u1	99
61) Fluorene	15.739	166	299222	5.431	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.734	204	143983	5.466	ng/u1	95
63) 4-Nitroaniline	15.745	138	42362m	4.152	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.804	198	39875	4.620	ng/u1#	88
67) N-Nitrosodiphenylamine	15.945	169	243498	5.192	ng/u1	99
68) 4-Bromophenyl-phenylether	16.628	248	78229	4.968	ng/u1	99
69) Hexachlorobenzene	16.745	284	97561	5.093	ng/u1	99
70) Atrazine	16.892	200	70681	4.452	ng/u1	98
71) Pentachlorophenol	17.081	266	55979	4.724	ng/u1	94
72) Phenanthrene	17.480	178	478357	5.452	ng/u1	100
74) Anthracene	17.575	178	456215	5.157	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	91609	3.969	ng/uL	98
76) Pentachlorobenzene	15.010	250	84450	3.755	ng/uL	92
77) Carbazole	17.839	167	415312	5.242	ng/u1	99
78) Di-n-butylphthalate	18.410	149	469788	4.982	ng/u1	98
80) Fluoranthene	19.492	202	527407	5.034	ng/u1	99
82) Pyrene	19.857	202	549330	4.970	ng/u1	98
83) Butylbenzylphthalate	20.751	149	117585	4.178	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.539	252	104665	3.522	ng/u1	97
85) Benzo(a)anthracene	21.610	228	539350	5.018	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.539	149	198456	4.249	ng/u1	97
87) Chrysene	21.663	228	526474	5.118	ng/u1	91
89) Di-n-octyl phthalate	22.498	149	322766	3.783	ng/u1	100
90) Benzo(b)fluoranthene	23.363	252	528125	5.259	ng/u1	98
91) Benzo(k)fluoranthene	23.421	252	532947	5.365	ng/u1	98
93) Benzo(a)pyrene	24.027	252	475956	5.351	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	571393m	5.101	ng/u1	
95) Dibenzo(a,h)anthracene	26.780	278	484486m	5.312	ng/u1	
96) Benzo(g,h,i)perylene	27.562	276	477625m	5.168	ng/u1	

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

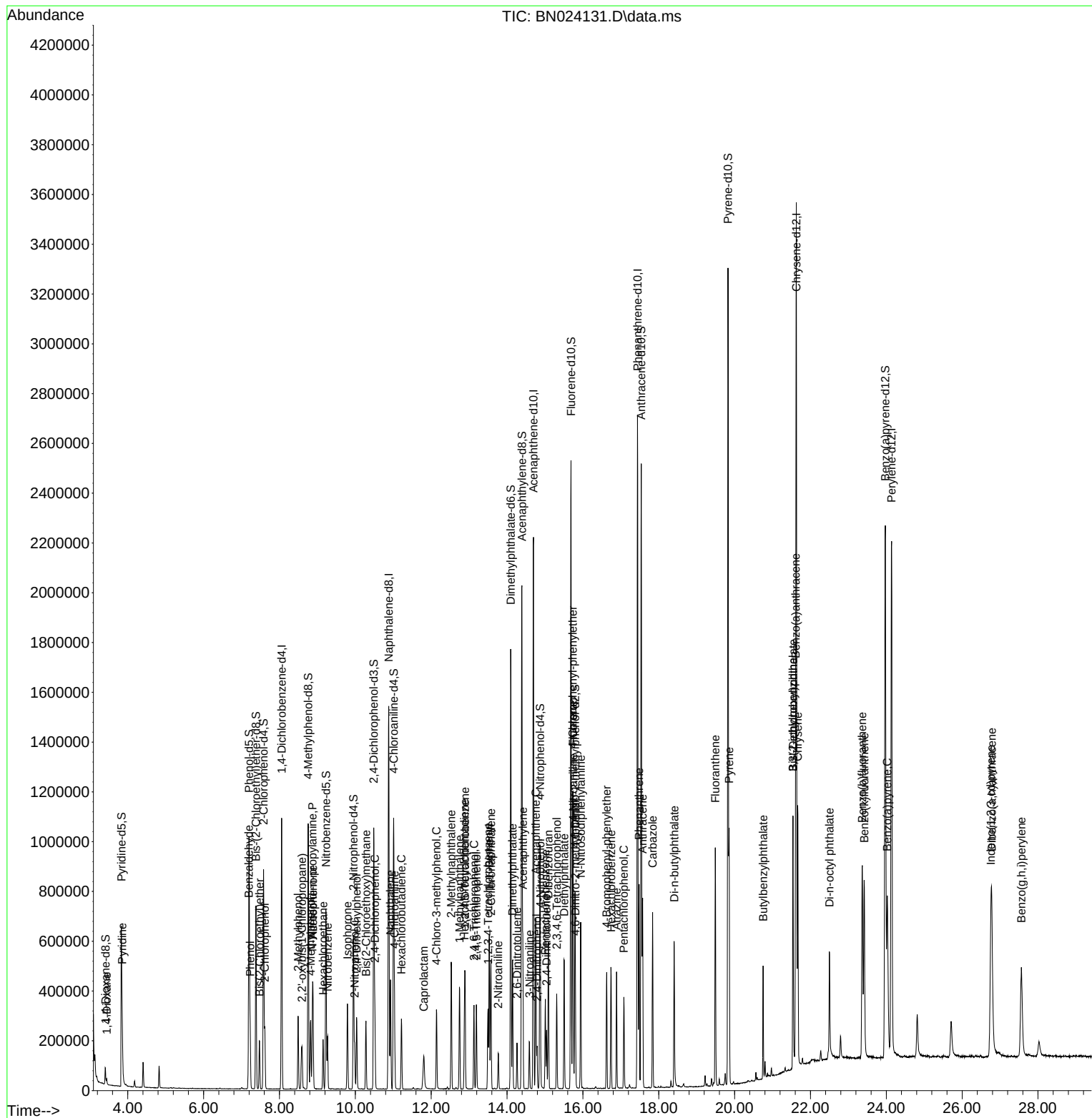
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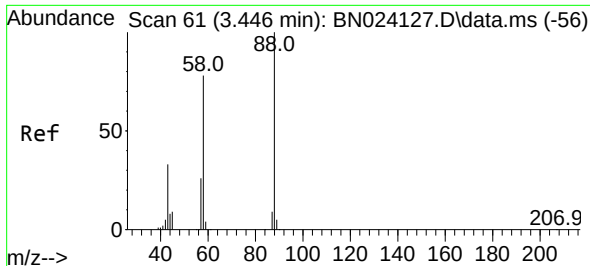
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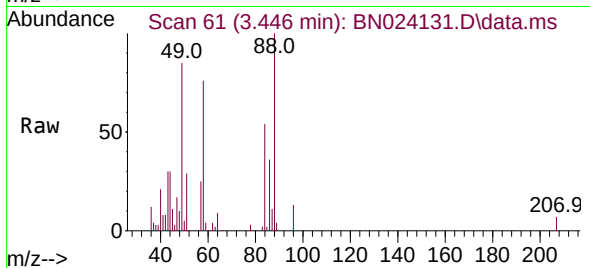
Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023





#2
1,4-Dioxane
Concen: 1.333 ng/uL
RT: 3.446 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

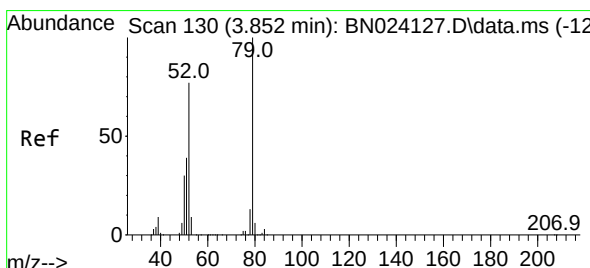
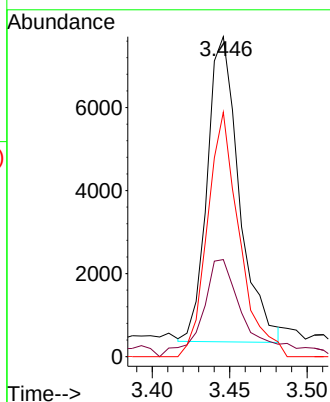
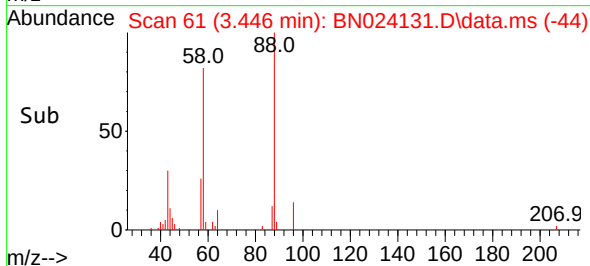
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 88 Resp: 10622
Ion Ratio Lower Upper
88 100
43 30.3 26.2 39.4
58 76.4 64.9 97.3

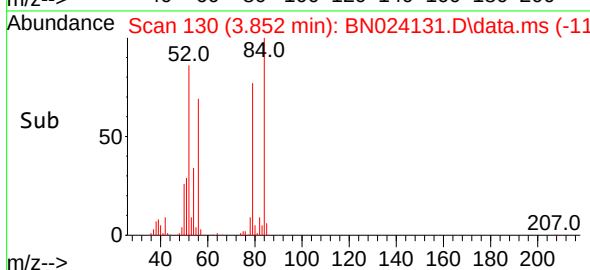
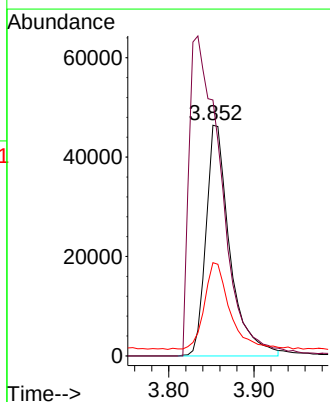
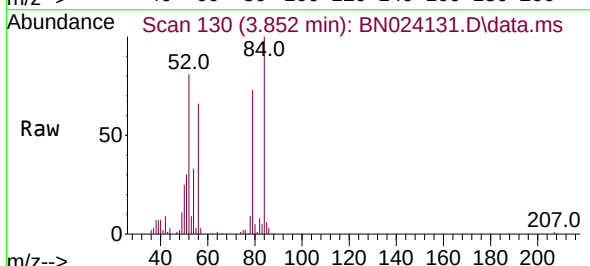
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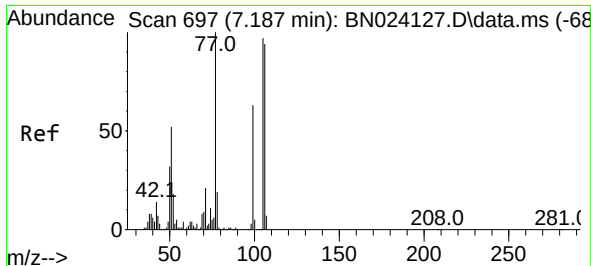
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#5
Pyridine
Concen: 4.298 ng/uL
RT: 3.852 min Scan# 130
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

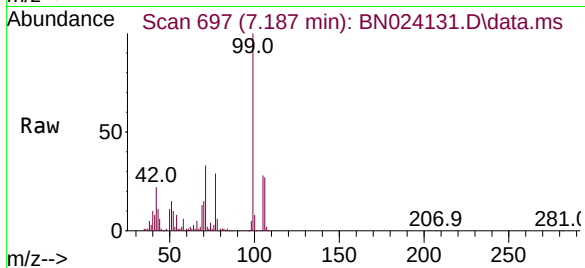
Tgt Ion: 79 Resp: 90579
Ion Ratio Lower Upper
79 100
52 111.0 65.1 97.7#
51 40.4 31.4 47.0





#6
Benzaldehyde
Concen: 5.225 ng/ul m
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

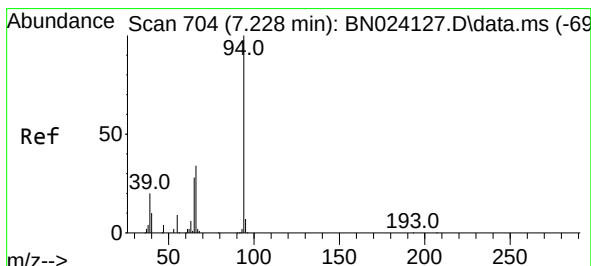
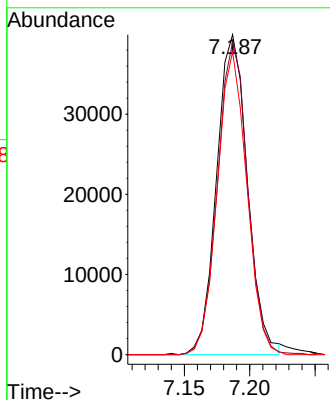
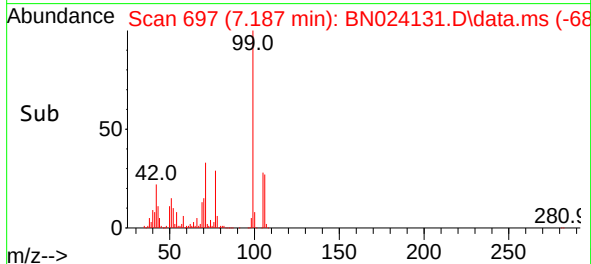
Instrument :
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MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 77 Resp: 6535
Ion Ratio Lower Upper
77 100
105 97.7 79.2 118.8
106 94.7 75.9 113.9

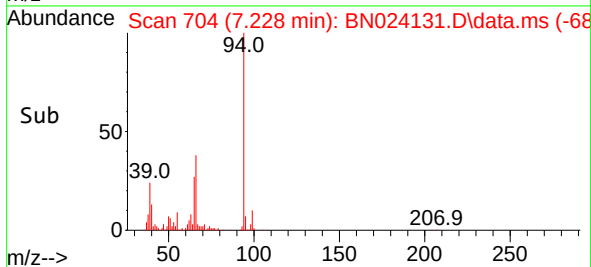
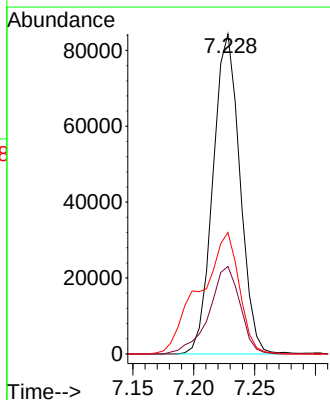
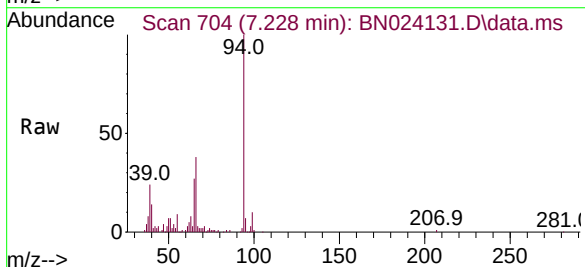
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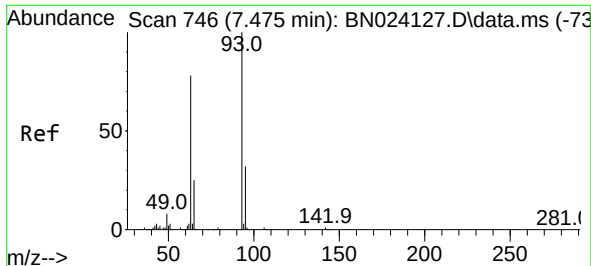
Reviewed By :Christian Giraldo 03/07/2023
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#8
Phenol
Concen: 4.859 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

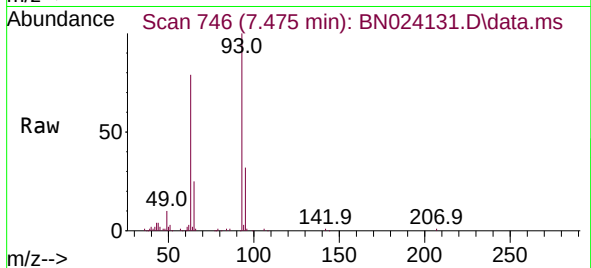
Tgt Ion: 94 Resp: 129675
Ion Ratio Lower Upper
94 100
65 27.3 22.9 34.3
66 37.9 29.0 43.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.823 ng/ul
RT: 7.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

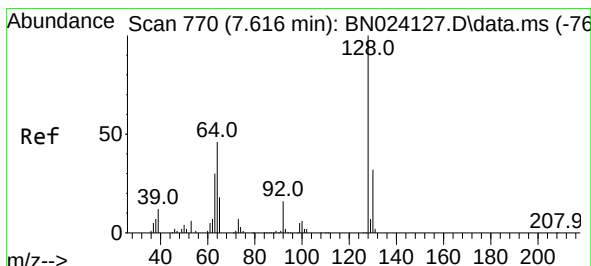
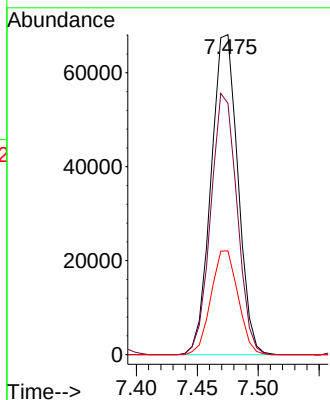
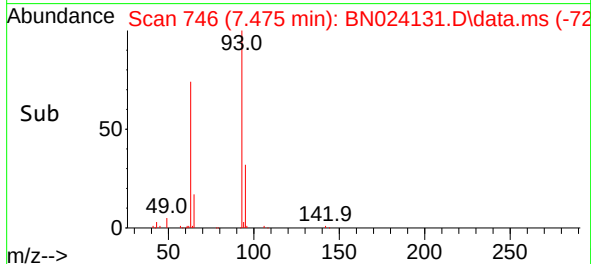
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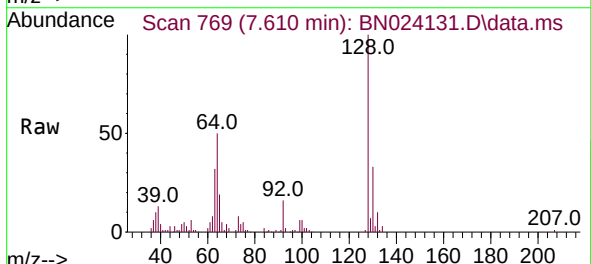
Tgt Ion: 93 Resp: 104305
Ion Ratio Lower Upper
93 100
63 78.5 62.6 93.8
95 32.4 25.8 38.6

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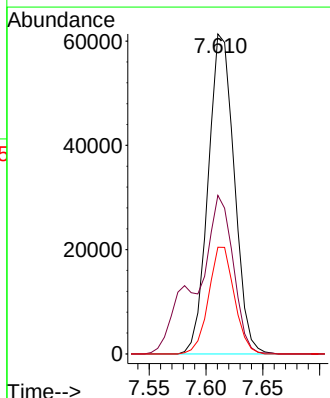
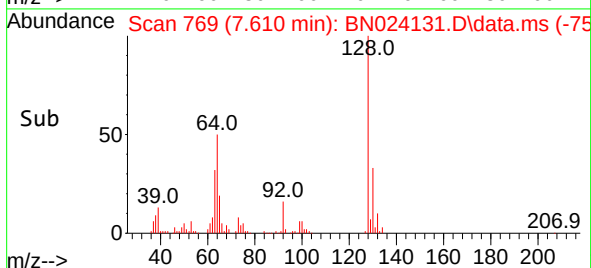
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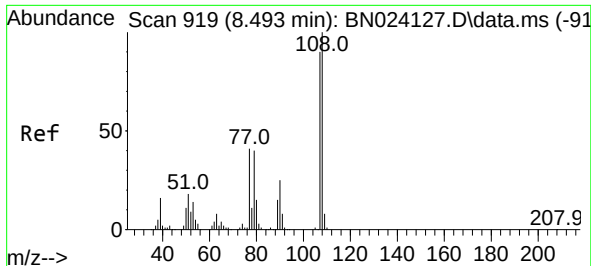


#12
2-Chlorophenol
Concen: 4.778 ng/ul
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BN024131.D
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Tgt Ion:128 Resp: 98084
Ion Ratio Lower Upper
128 100
64 49.5 39.3 58.9
130 33.3 25.1 37.7





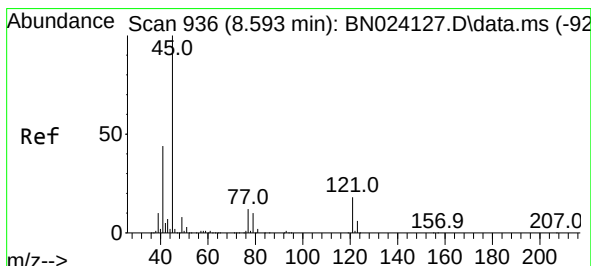
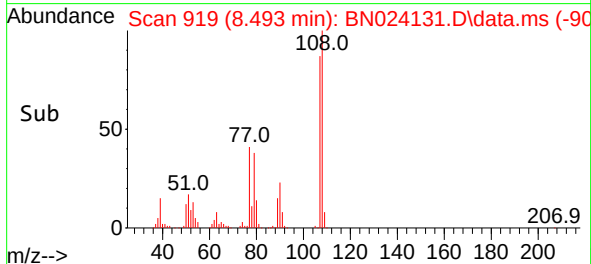
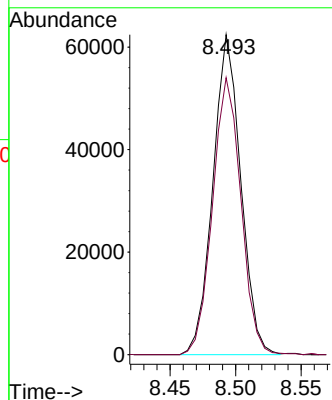
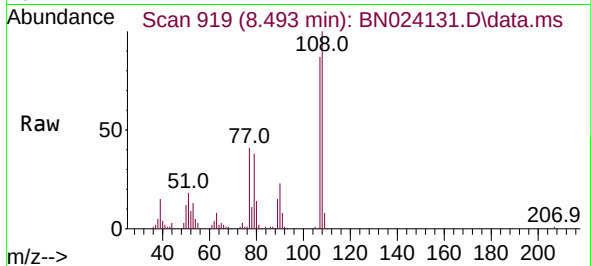
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2-Methylphenol
Concen: 4.605 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01

Tgt Ion:108 Resp: 92423
Ion Ratio Lower Upper
108 100
107 86.5 72.3 108.5

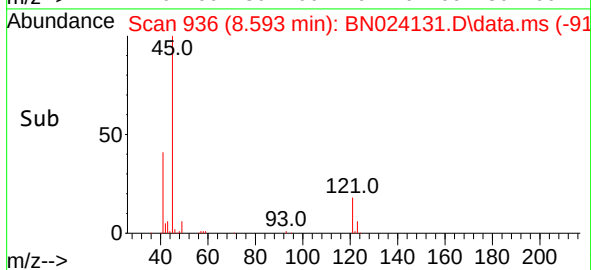
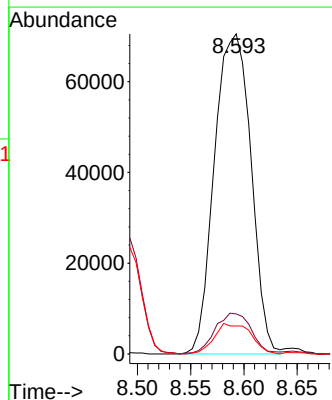
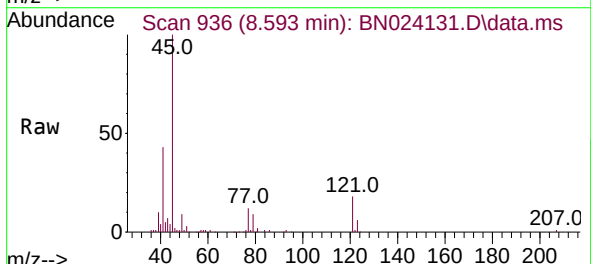
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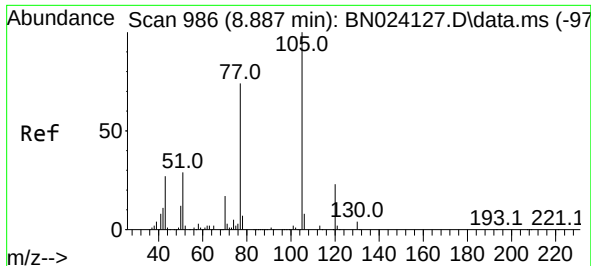
Reviewed By :Christian Giraldo 03/07/2023
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.907 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN024131.D
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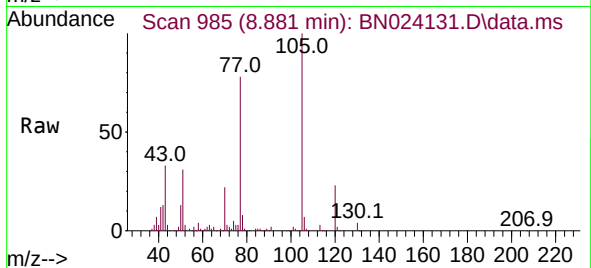
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Ion Ratio Lower Upper
45 100
77 12.5 9.8 14.6
79 8.7 7.4 11.0





#16
Acetophenone
Concen: 5.360 ng/ul
RT: 8.881 min Scan# 986
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

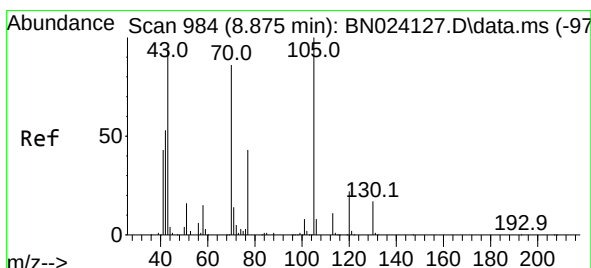
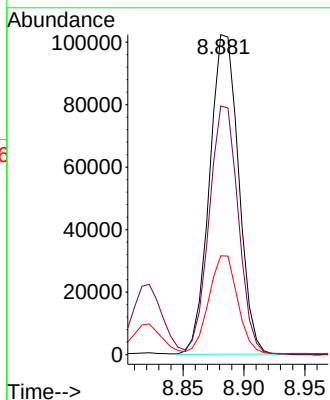
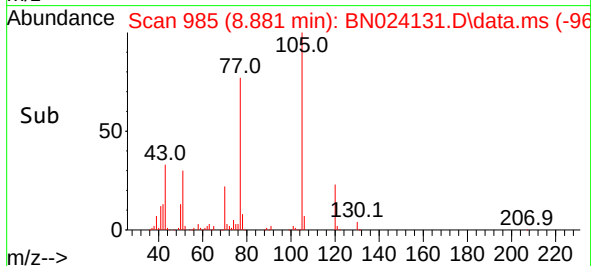
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 105 Resp: 170310
Ion Ratio Lower Upper
105 100
77 77.7 61.4 92.0
51 30.9 23.8 35.8

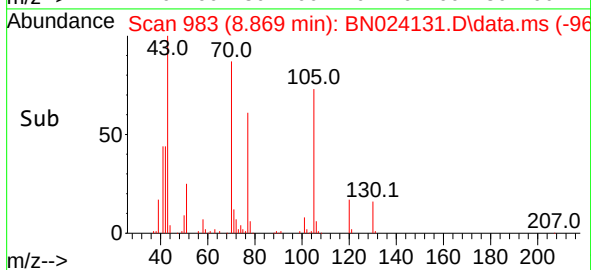
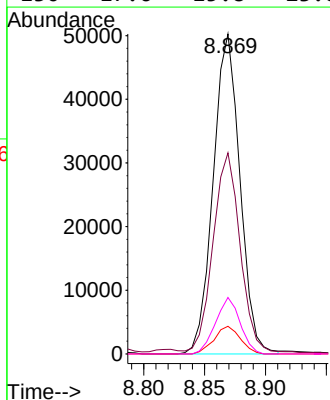
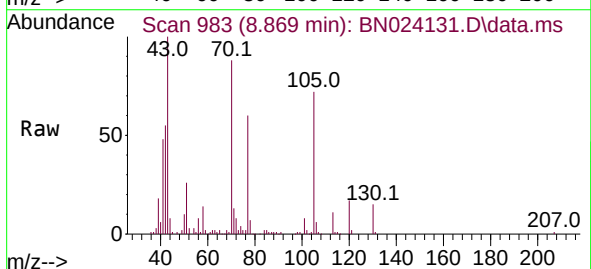
Manual Integrations
APPROVED

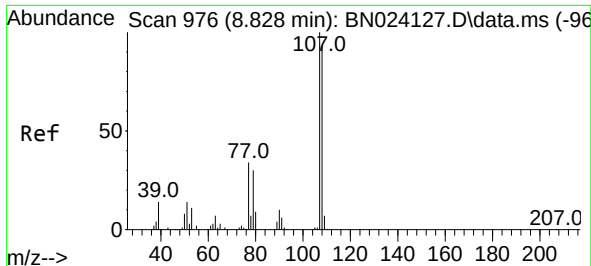
Reviewed By : Christian Giraldo 03/07/2023
Supervised By : Jagrut Upadhyay 03/07/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.929 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion: 70 Resp: 76891
Ion Ratio Lower Upper
70 100
42 62.8 50.8 76.2
101 8.6 7.2 10.8
130 17.6 15.8 23.8





#18

4-Methylphenol

Concen: 4.851 ng/ul

RT: 8.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

Tgt Ion:108 Resp: 10715

Ion Ratio Lower Upper

108 100

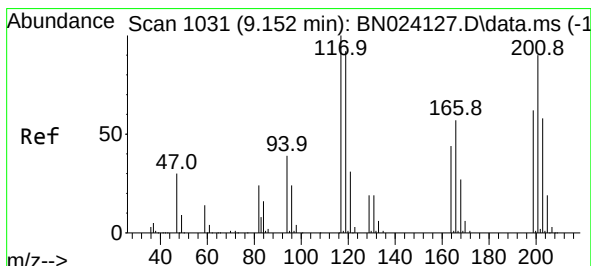
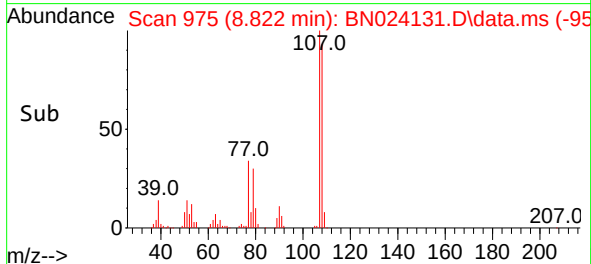
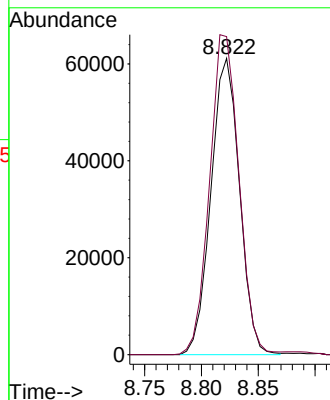
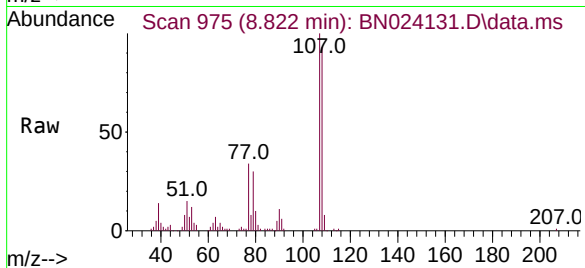
107 107.4 87.8 131.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#19

Hexachloroethane

Concen: 4.520 ng/ul

RT: 9.152 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

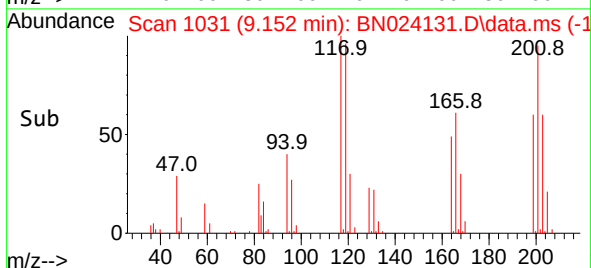
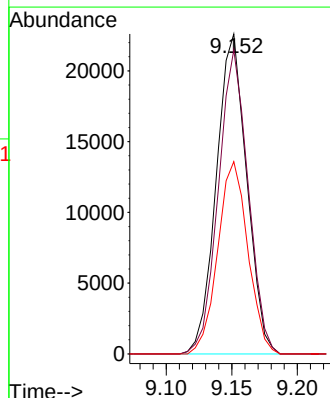
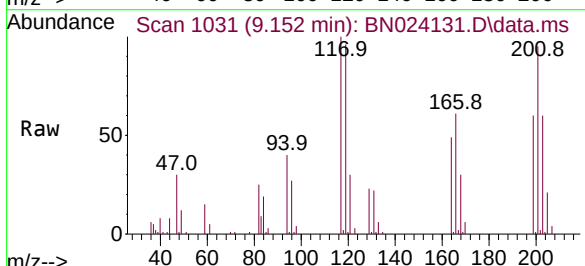
Tgt Ion:117 Resp: 36439

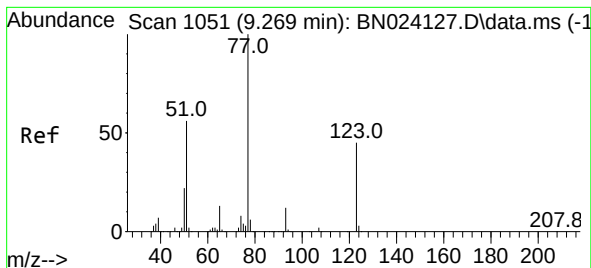
Ion Ratio Lower Upper

117 100

201 95.0 73.8 110.6

199 60.1 47.2 70.8





#22

Nitrobenzene

Concen: 5.048 ng/ul

RT: 9.269 min Scan# 1051

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

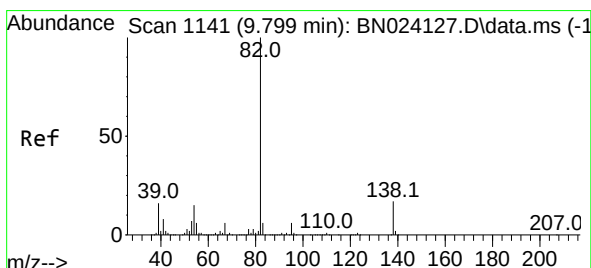
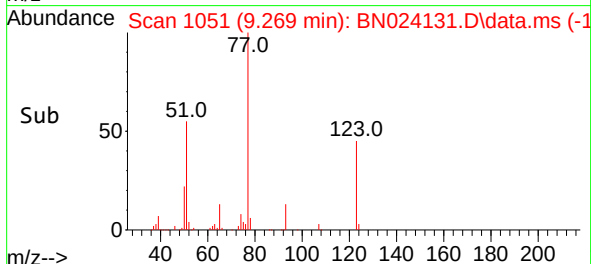
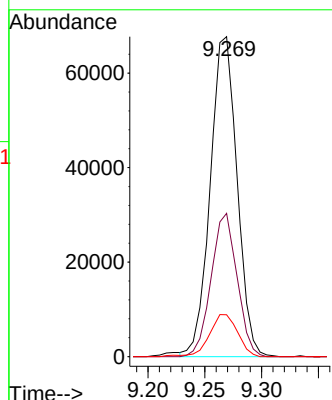
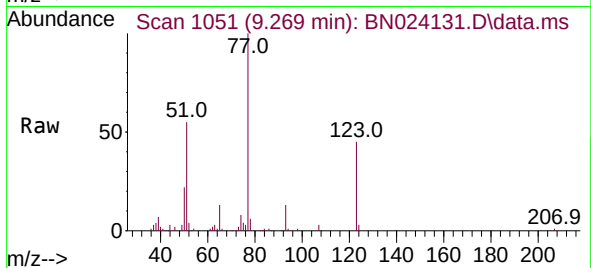
Tgt Ion: 77	Resp: 11145
Ion Ratio	Lower Upper
77 100	
123 44.8	34.8 52.2
65 13.1	11.0 16.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#23

Isophorone

Concen: 4.849 ng/ul

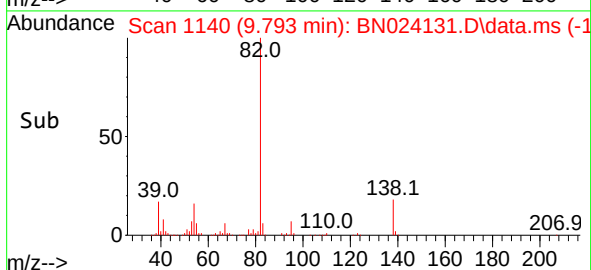
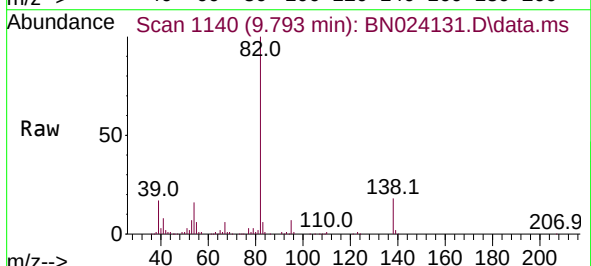
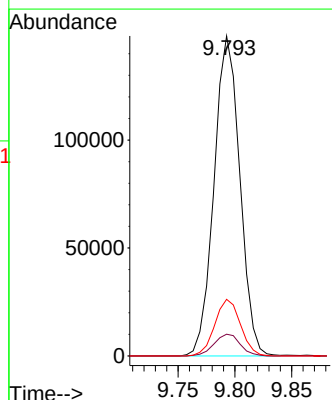
RT: 9.793 min Scan# 1140

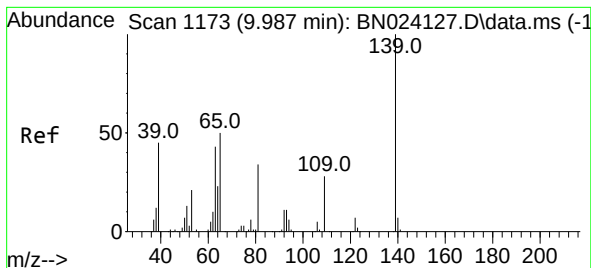
Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Tgt Ion: 82	Resp: 234003
Ion Ratio	Lower Upper
82 100	
95 6.8	5.0 7.6
138 17.7	13.8 20.6





#25

2-Nitrophenol

Concen: 5.078 ng/ul

RT: 9.981 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

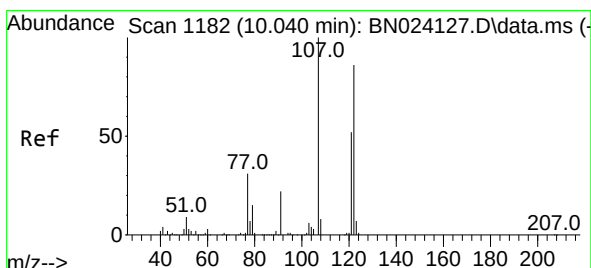
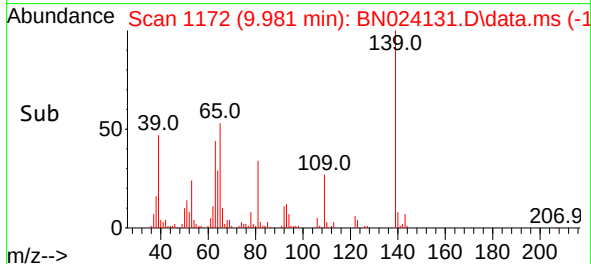
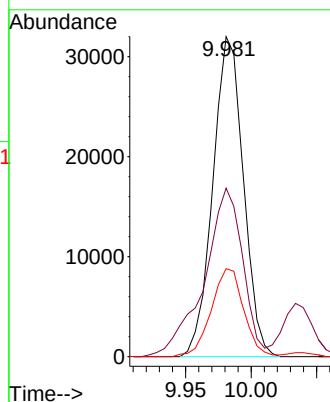
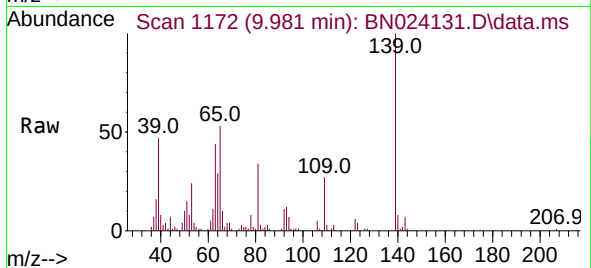
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:139	Resp:	5188
Ion Ratio	Lower	Upper
139	100	
65	52.6	44.5 66.7
109	27.5	23.4 35.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#26

2,4-Dimethylphenol

Concen: 4.137 ng/ul

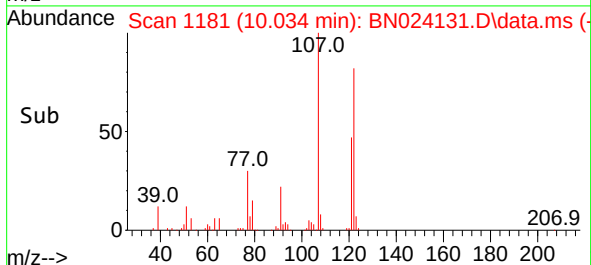
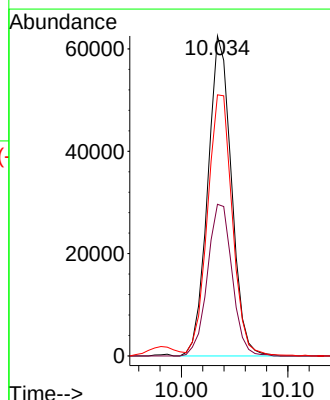
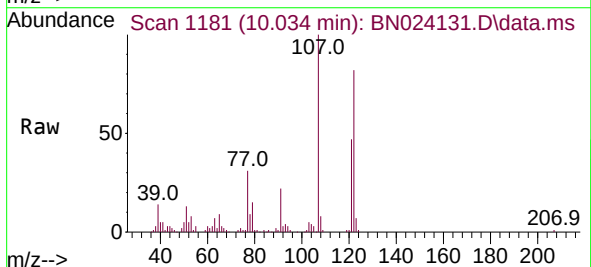
RT: 10.034 min Scan# 1181

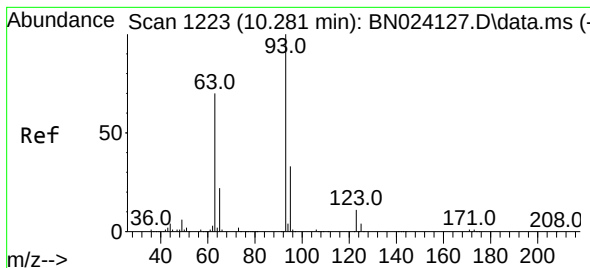
Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Tgt Ion:107	Resp:	96326
Ion Ratio	Lower	Upper
107	100	
121	47.4	40.2 60.2
122	81.6	71.8 107.8





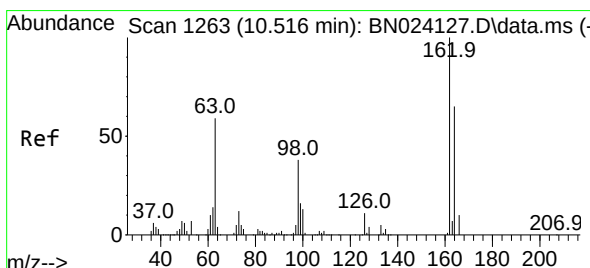
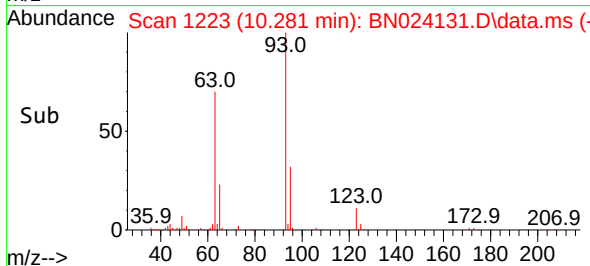
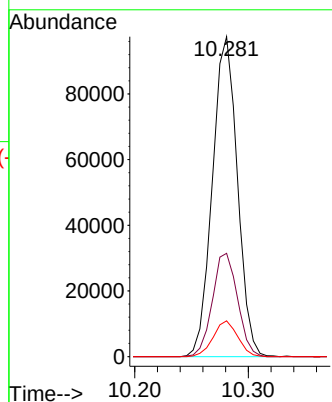
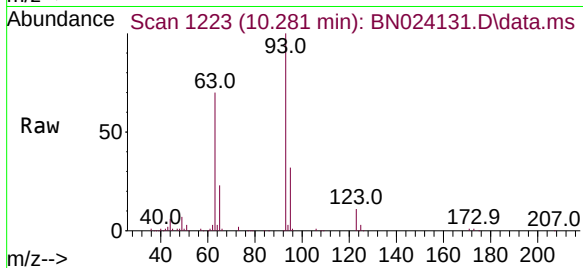
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.973 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: BN024131.D
 Acq: 06 Mar 2023 12:24

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 93 Resp: 149013
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.4 38.2
 123 11.2 8.6 12.8

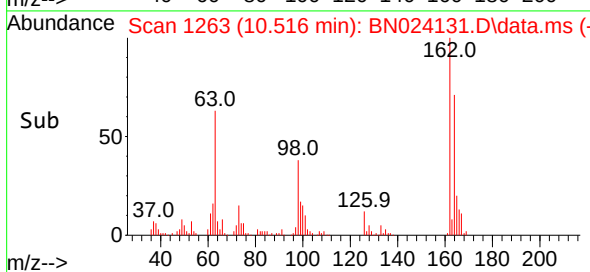
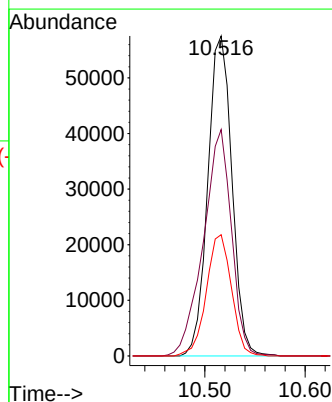
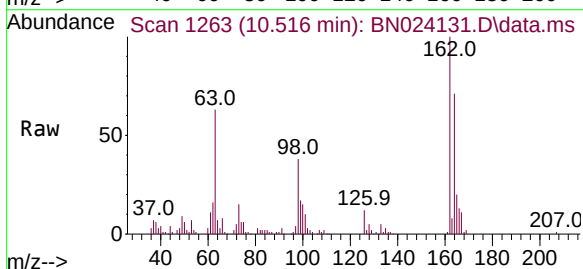
Manual Integrations
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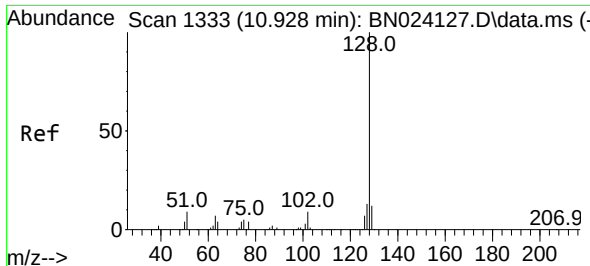
Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023



#29
 2,4-Dichlorophenol
 Concen: 4.969 ng/ul
 RT: 10.516 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BN024131.D
 Acq: 06 Mar 2023 12:24

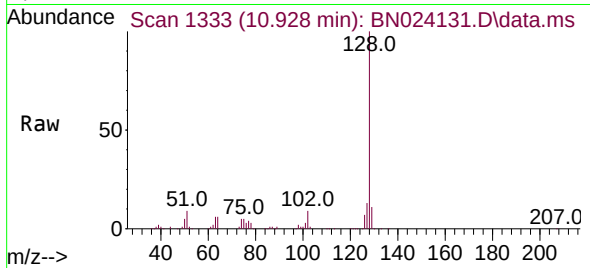
Tgt Ion:162 Resp: 96254
 Ion Ratio Lower Upper
 162 100
 164 70.7 52.6 78.8
 98 37.9 29.8 44.8





#30
Naphthalene
Concen: 5.058 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

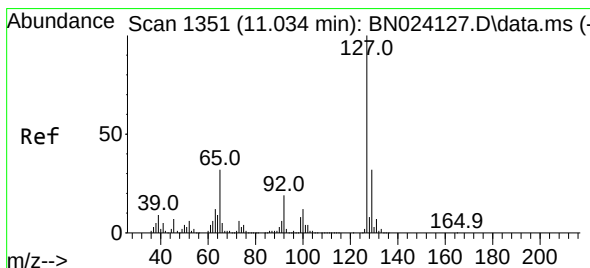
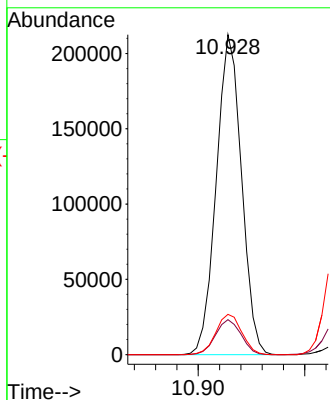
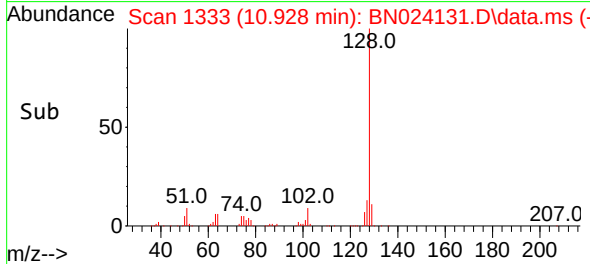
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:128 Resp: 349794
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.1 15.1

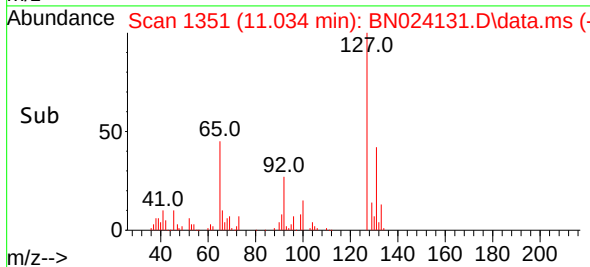
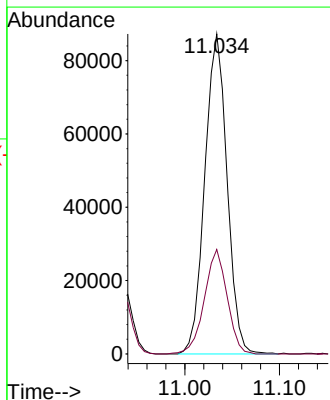
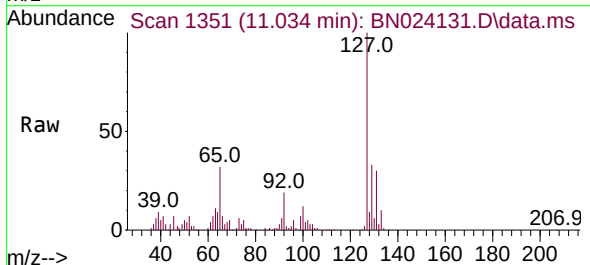
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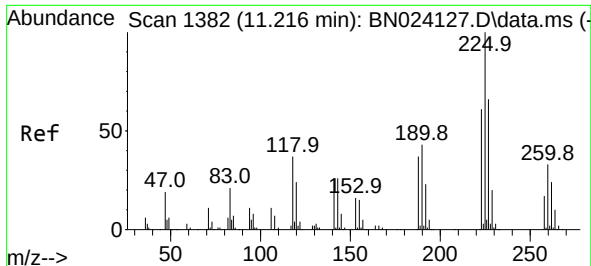
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#32
4-Chloroaniline
Concen: 4.941 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

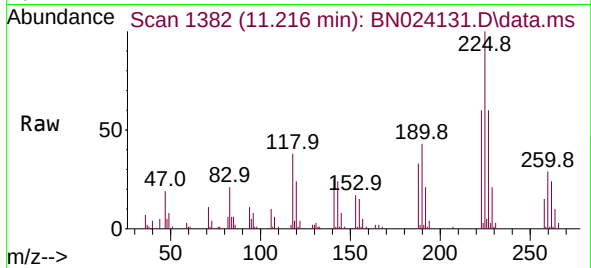
Tgt Ion:127 Resp: 142669
Ion Ratio Lower Upper
127 100
129 32.6 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.852 ng/ul
RT: 11.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

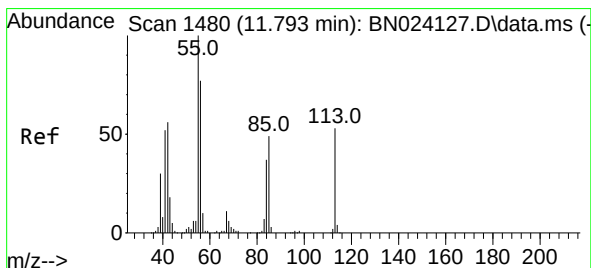
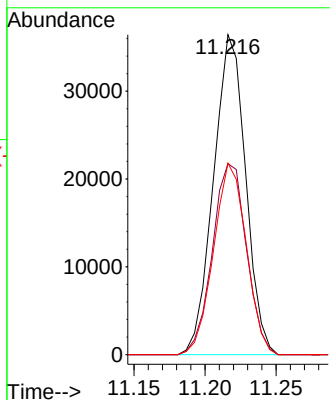
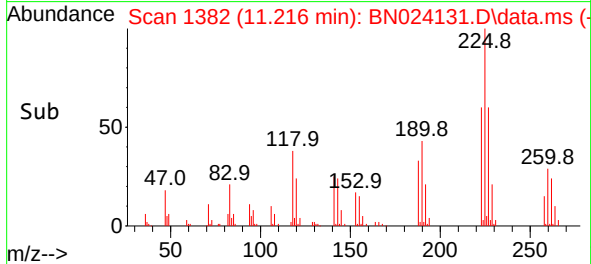
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:225 Resp: 5727
Ion Ratio Lower Upper
225 100
223 59.7 53.6 80.4
227 59.8 53.0 79.4

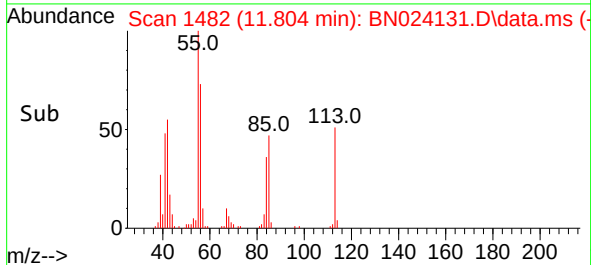
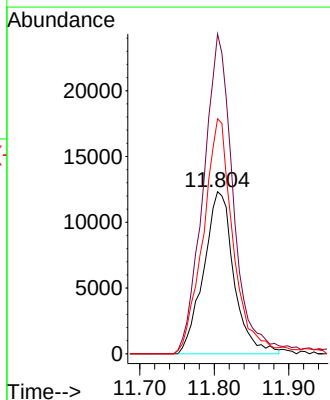
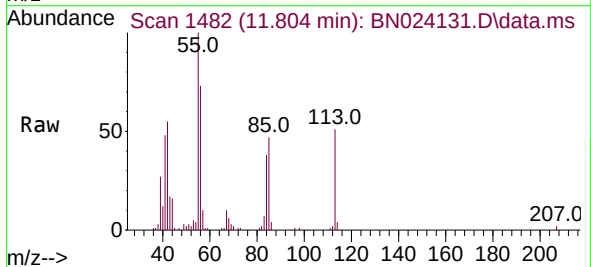
Manual Integrations
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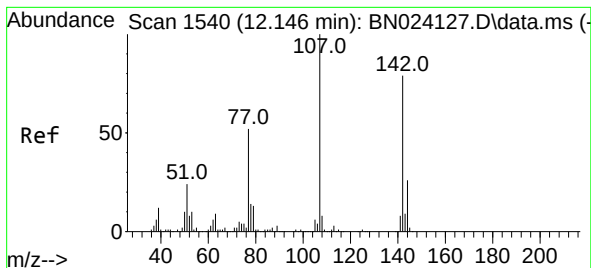
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#34
Caprolactam
Concen: 5.265 ng/ul m
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

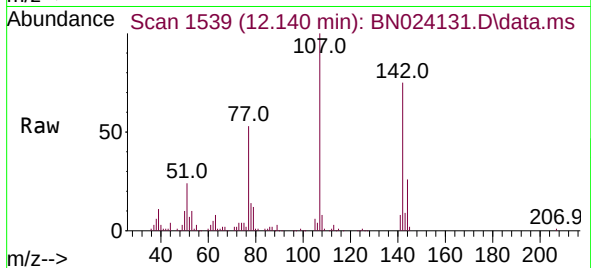
Tgt Ion:113 Resp: 34782
Ion Ratio Lower Upper
113 100
55 197.4 155.4 233.2
56 145.0 111.0 166.6





#35
4-Chloro-3-methylphenol
Concen: 4.836 ng/ul
RT: 12.140 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

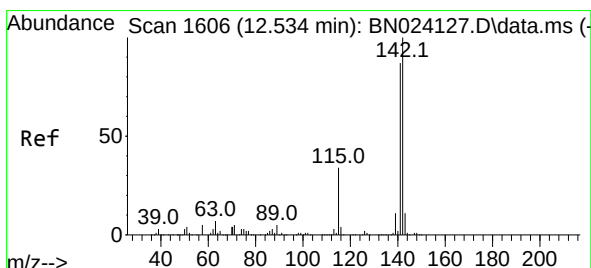
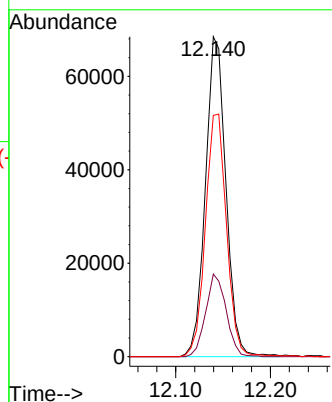
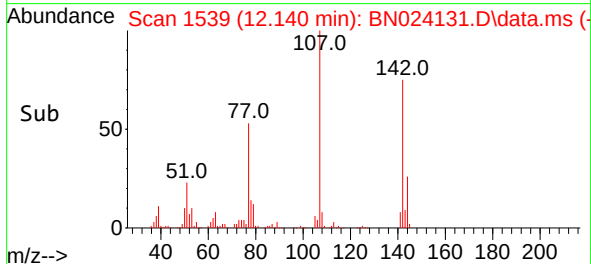
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:107 Resp: 103210
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 75.4 65.7 98.5

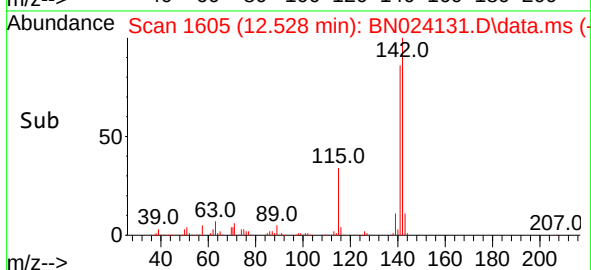
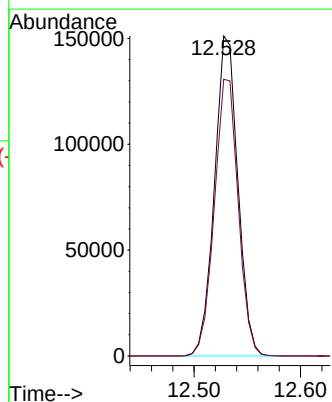
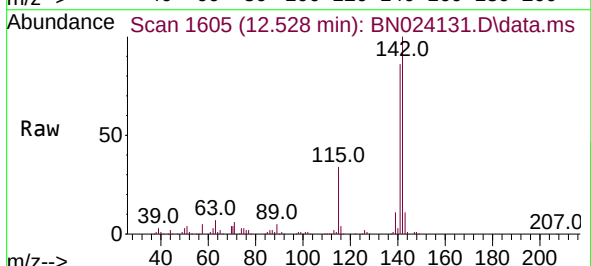
Manual Integrations
APPROVED

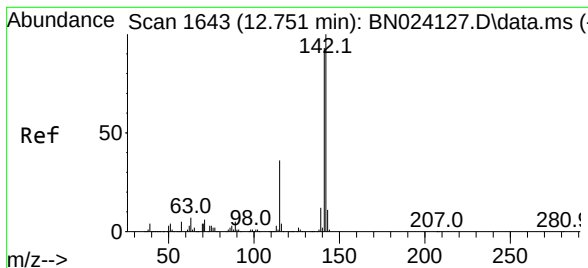
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#36
2-Methylnaphthalene
Concen: 5.072 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

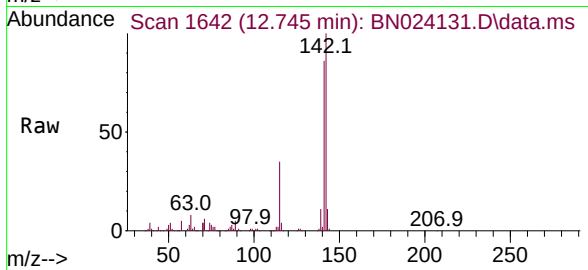
Tgt Ion:142 Resp: 230938
Ion Ratio Lower Upper
142 100
141 86.4 68.2 102.4





#37
1-Methylnaphthalene
Concen: 4.136 ng/ul
RT: 12.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

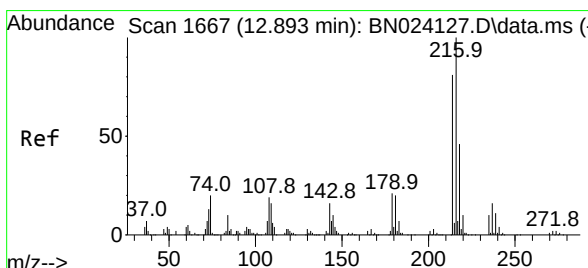
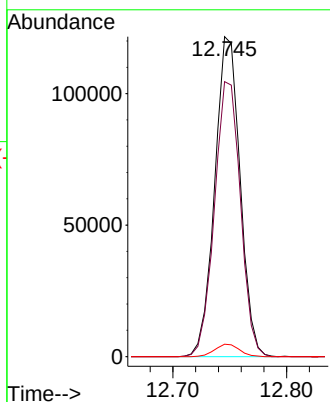
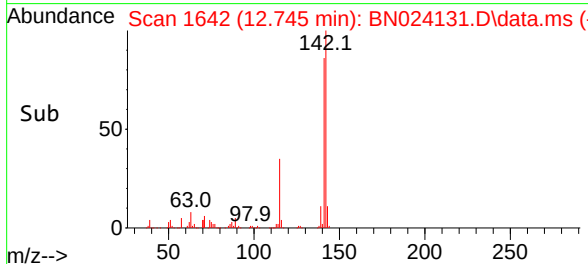
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:142 Resp: 188716
Ion Ratio Lower Upper
142 100
141 85.9 75.5 113.3
116 3.9 3.1 4.7

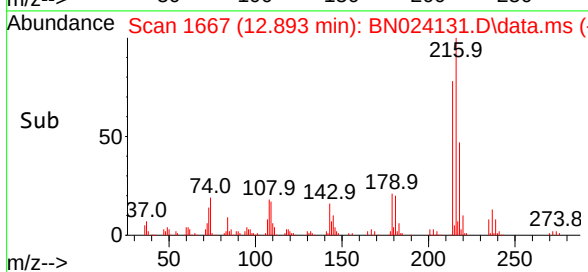
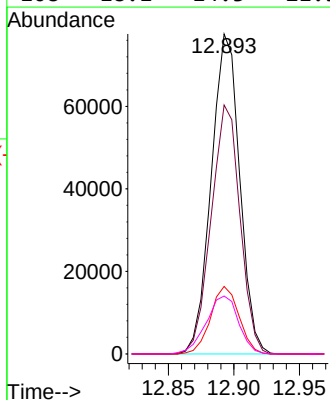
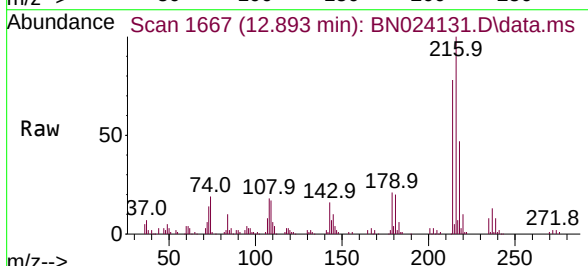
Manual Integrations
APPROVED

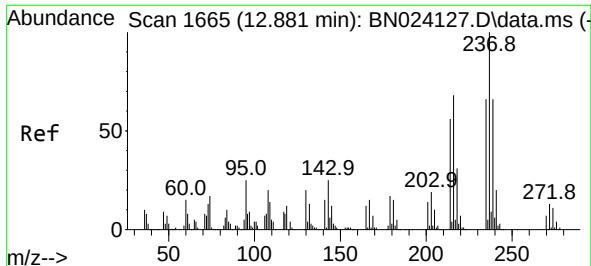
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.141 ng/ul
RT: 12.893 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

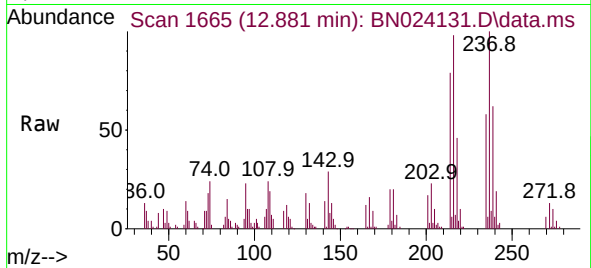
Tgt Ion:216 Resp: 117270
Ion Ratio Lower Upper
216 100
214 77.8 60.0 90.0
179 21.1 17.0 25.6
108 18.1 14.3 21.5





#40
Hexachlorocyclopentadiene
Concen: 4.249 ng/ul
RT: 12.881 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

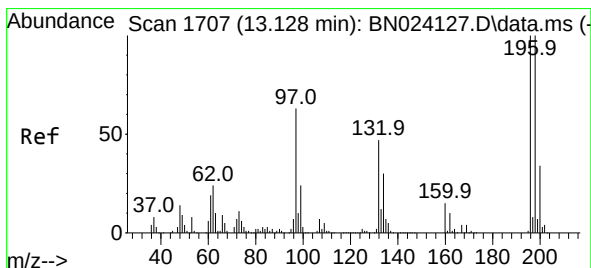
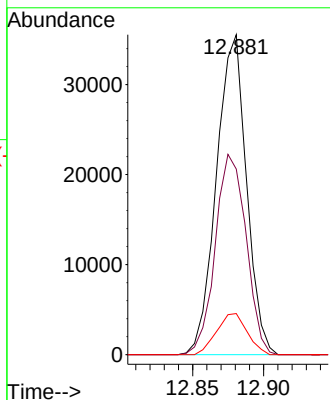
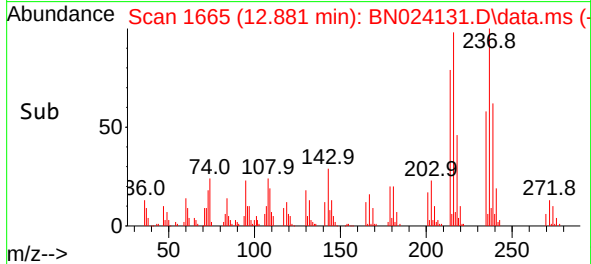
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:237 Resp: 52232
Ion Ratio Lower Upper
237 100
235 58.0 50.1 75.1
272 12.8 11.1 16.7

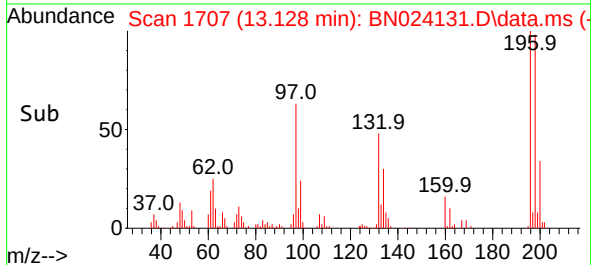
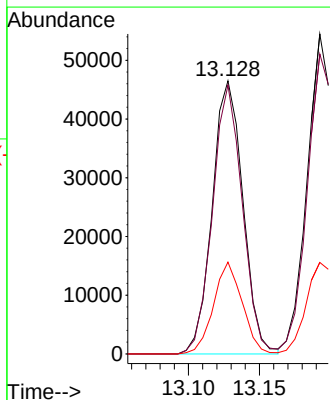
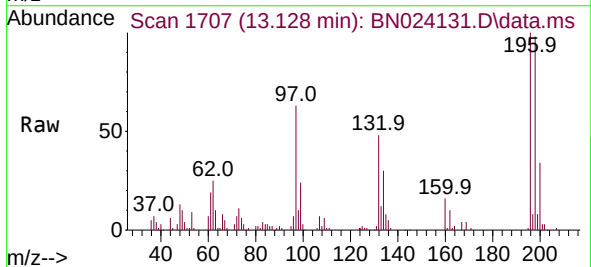
Manual Integrations
APPROVED

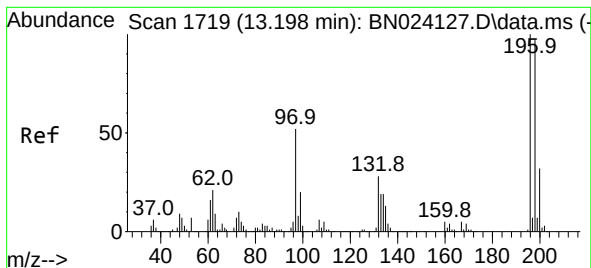
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#41
2,4,6-Trichlorophenol
Concen: 4.689 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:196 Resp: 70077
Ion Ratio Lower Upper
196 100
198 98.4 80.6 121.0
200 33.6 26.1 39.1





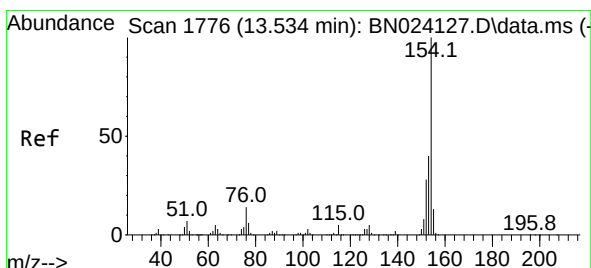
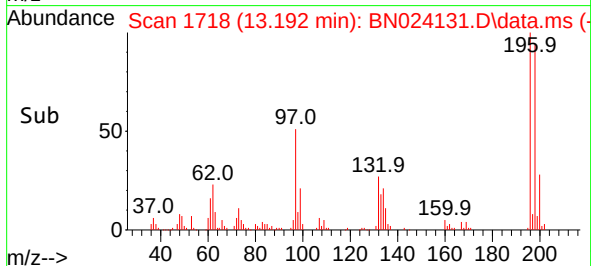
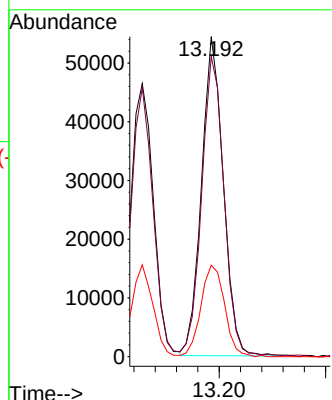
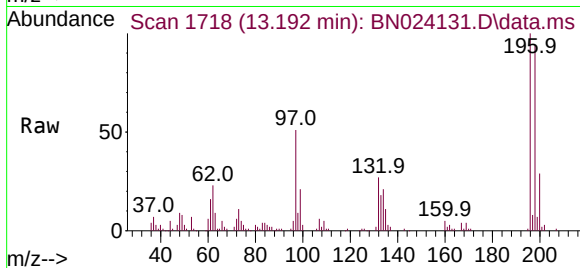
#42
2,4,5-Trichlorophenol
Concen: 4.801 ng/ul
RT: 13.192 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01

Tgt Ion:196 Resp: 77259
Ion Ratio Lower Upper
196 100
198 93.7 79.7 119.5
200 28.6 26.1 39.1

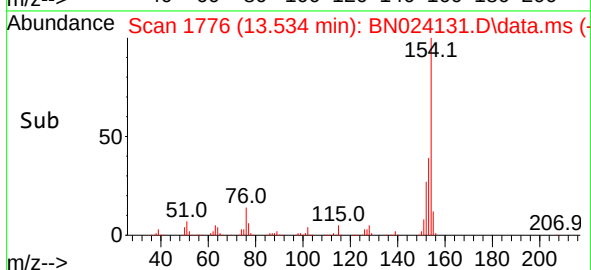
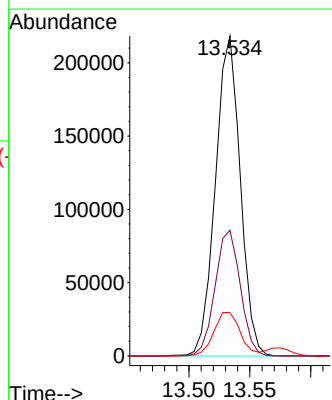
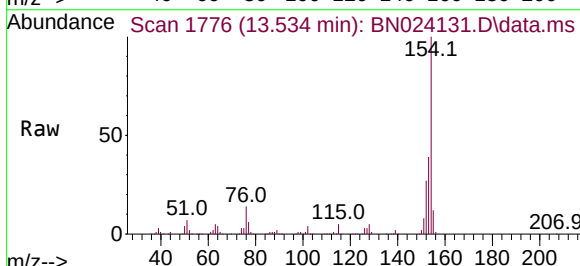
Manual Integrations
APPROVED

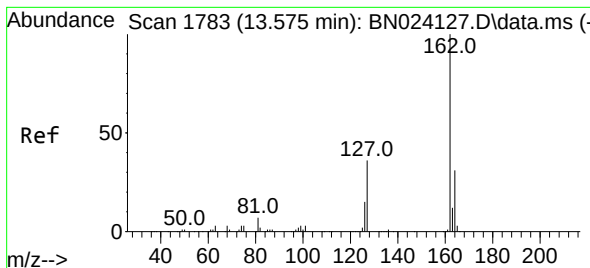
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#43
1,1'-Biphenyl
Concen: 5.128 ng/ul
RT: 13.534 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:154 Resp: 309643
Ion Ratio Lower Upper
154 100
153 39.3 30.8 46.2
76 13.5 11.1 16.7





#44

2-Chloronaphthalene

Concen: 5.170 ng/ul

RT: 13.575 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BN024131.D

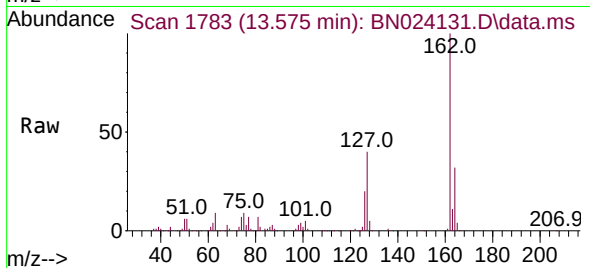
Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



Tgt Ion:162 Resp: 243220

Ion Ratio Lower Upper

162 100

164 31.8 25.8 38.6

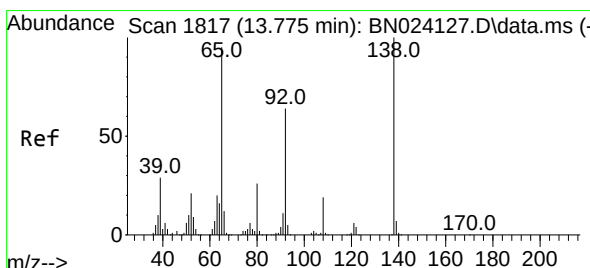
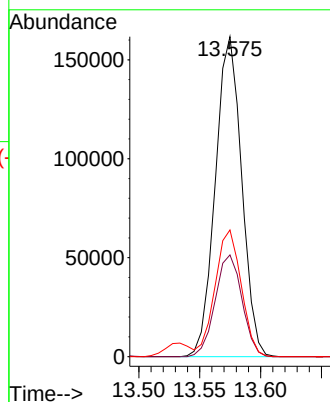
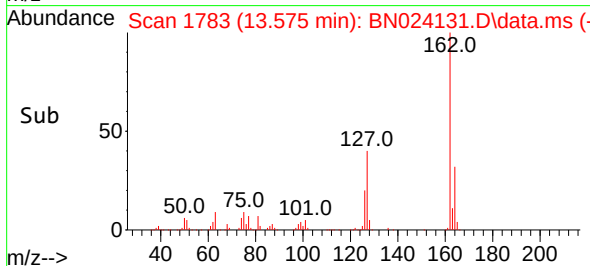
127 39.6 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#45

2-Nitroaniline

Concen: 3.657 ng/ul

RT: 13.769 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

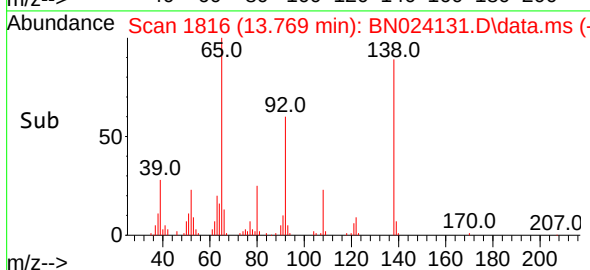
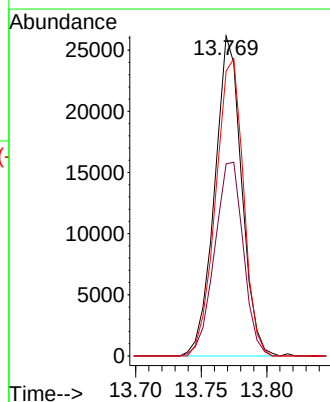
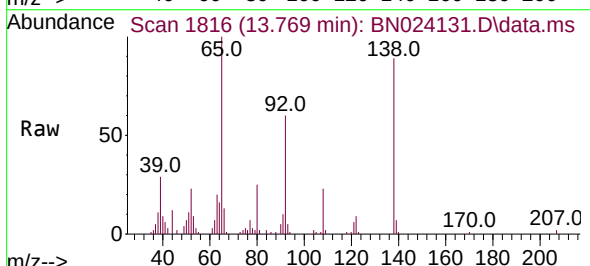
Tgt Ion: 65 Resp: 37481

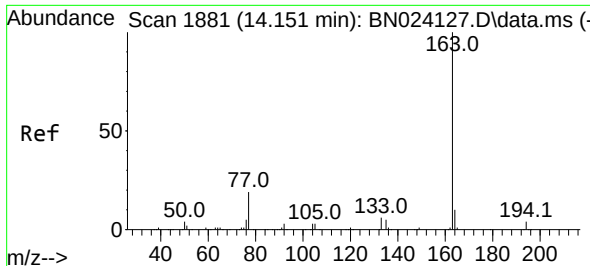
Ion Ratio Lower Upper

65 100

92 60.0 53.8 80.8

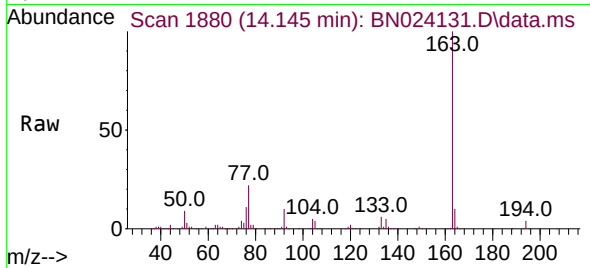
138 89.0 84.1 126.1





#47
Dimethylphthalate
Concen: 5.135 ng/ul
RT: 14.145 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

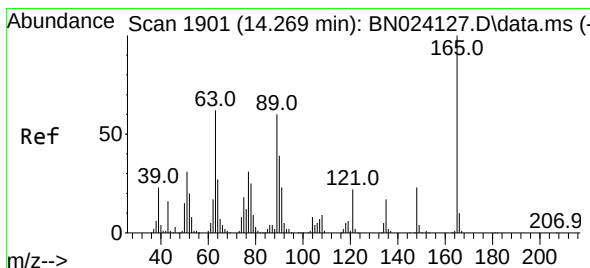
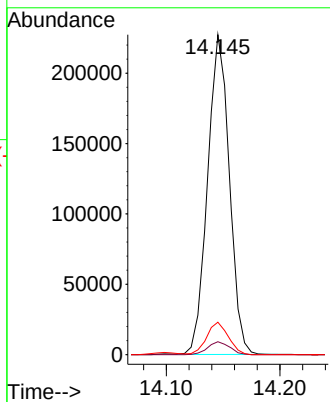
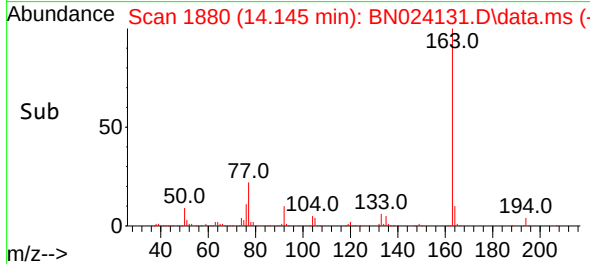
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



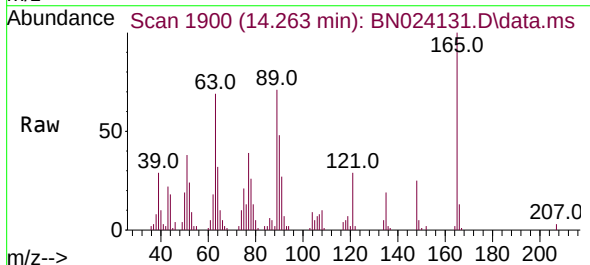
Tgt Ion:163 Resp: 302763
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1

Manual Integrations
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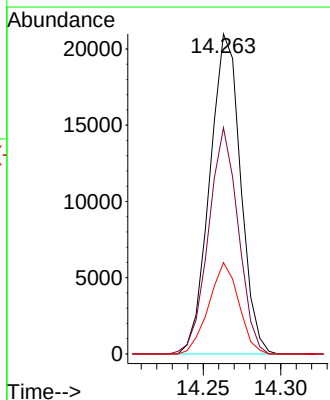
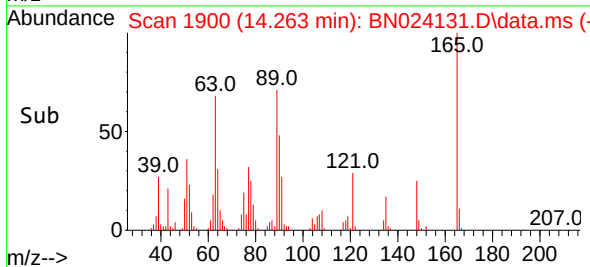
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

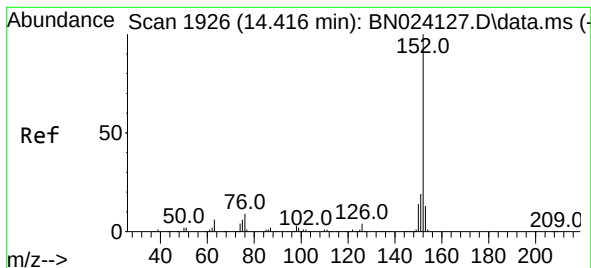


#48
2,6-Dinitrotoluene
Concen: 3.351 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24



Tgt Ion:165 Resp: 29085
Ion Ratio Lower Upper
165 100
89 70.7 52.6 78.8
121 28.5 19.4 29.2





#50

Acenaphthylene

Concen: 5.238 ng/ul

RT: 14.416 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

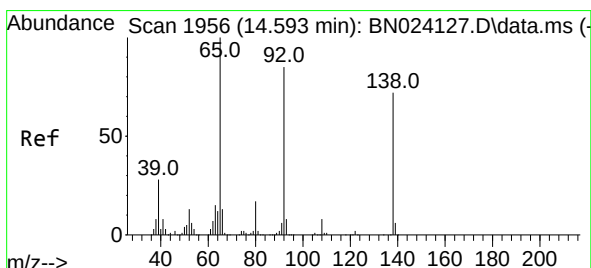
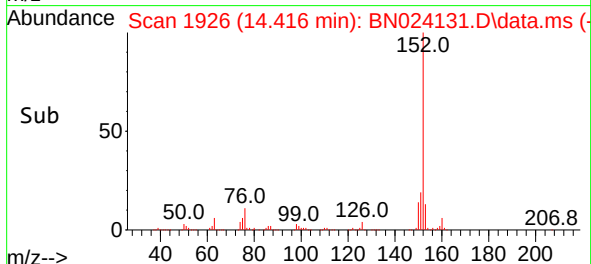
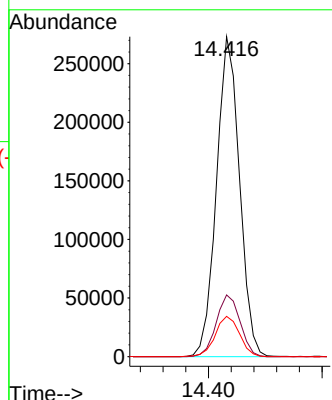
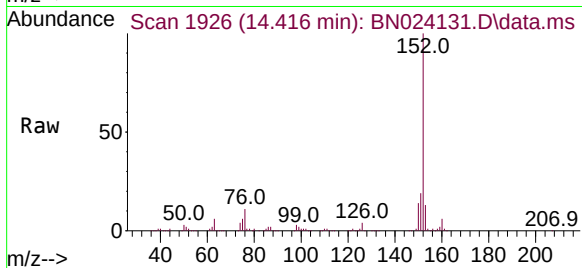
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:	152	Resp:	384398
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.6	23.4
153	12.6	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#51

3-Nitroaniline

Concen: 3.793 ng/ul

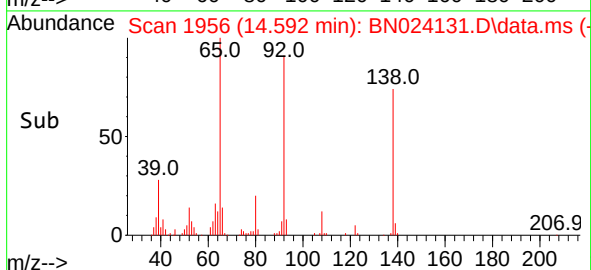
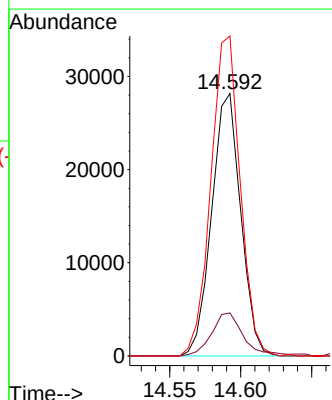
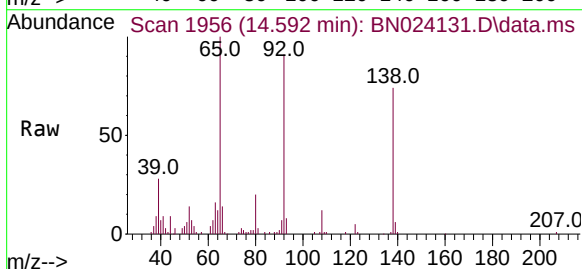
RT: 14.592 min Scan# 1956

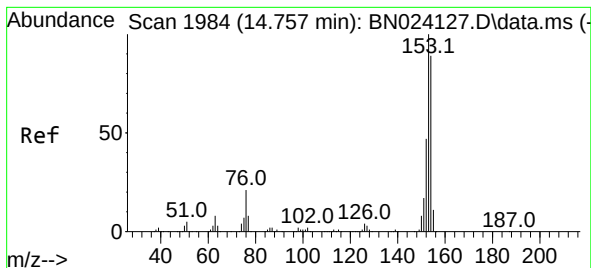
Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Tgt Ion:	138	Resp:	40014
Ion Ratio	Lower	Upper	
138	100		
108	16.4	9.6	14.4
92	122.0	95.3	142.9





#52

Acenaphthene

Concen: 5.234 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

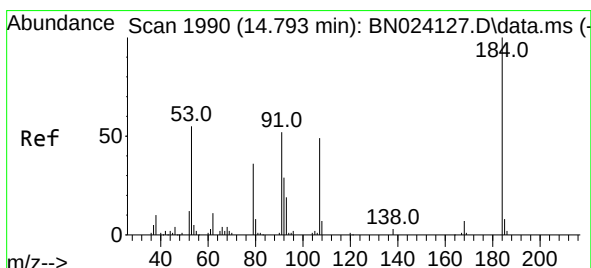
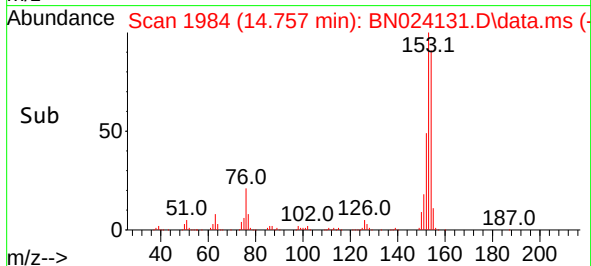
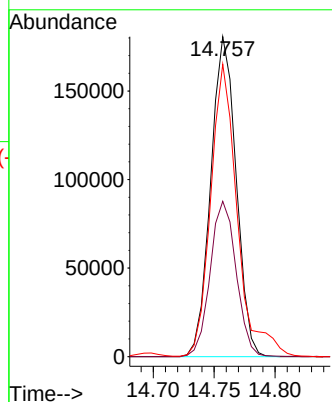
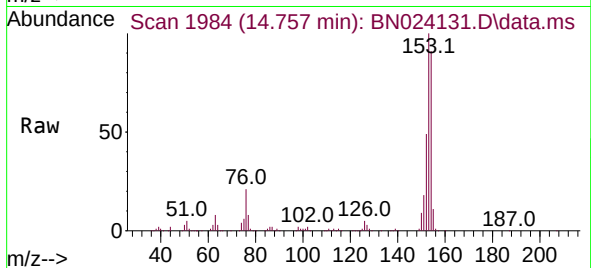
Tgt Ion:	153	Resp:	26200
Ion Ratio	Lower	Upper	
153	100		
152	48.5	39.7	59.5
154	91.4	70.6	106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#53

2,4-Dinitrophenol

Concen: 4.849 ng/ul

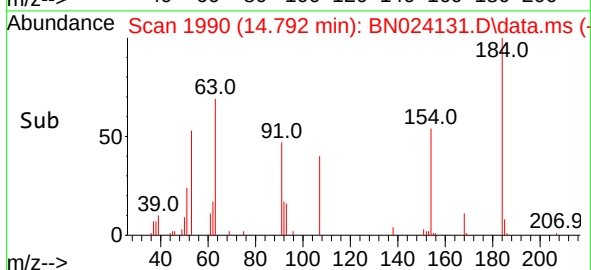
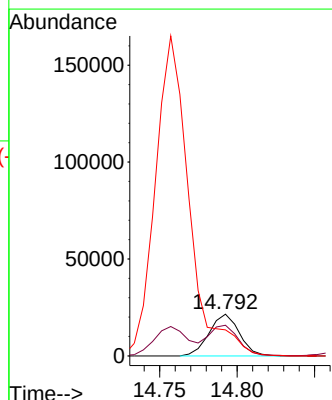
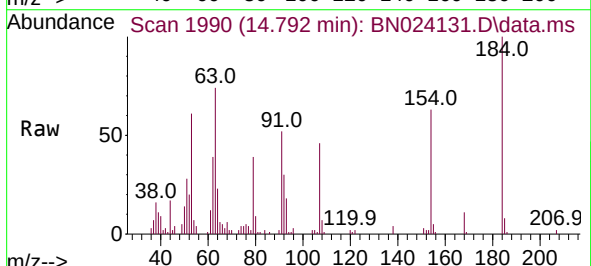
RT: 14.792 min Scan# 1990

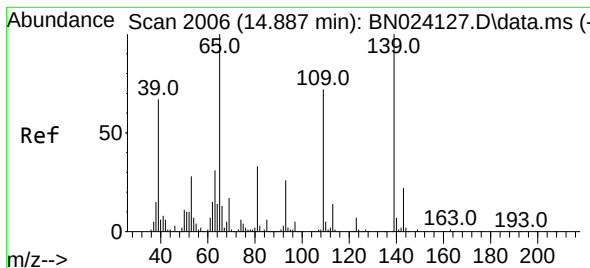
Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

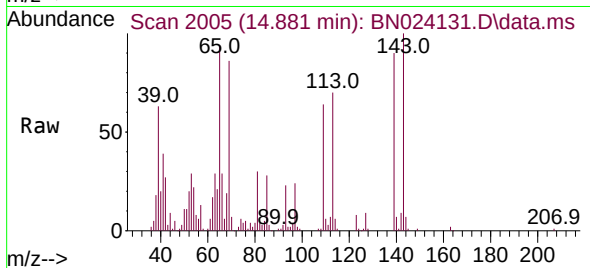
Tgt Ion:	184	Resp:	29138
Ion Ratio	Lower	Upper	
184	100		
63	73.7	61.6	92.4
154	62.5	50.2	75.4





#55
4-Nitrophenol
Concen: 4.759 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

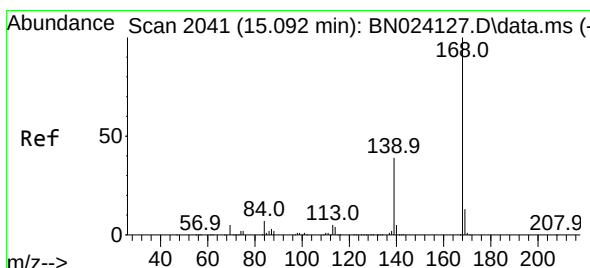
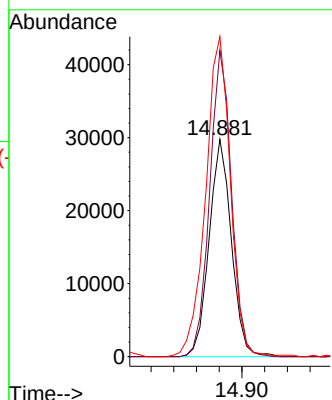
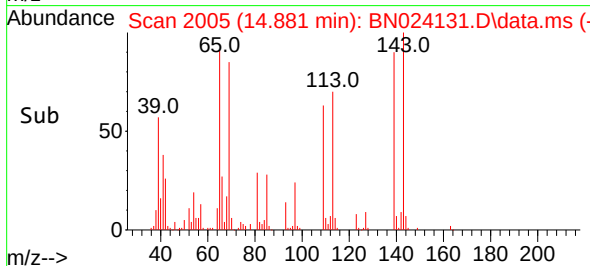
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:109 Resp: 40531
Ion Ratio Lower Upper
109 100
139 141.0 115.0 172.4
65 147.3 115.7 173.5

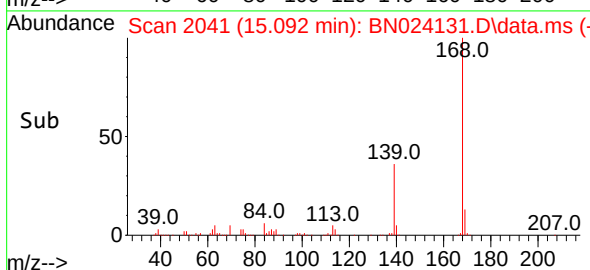
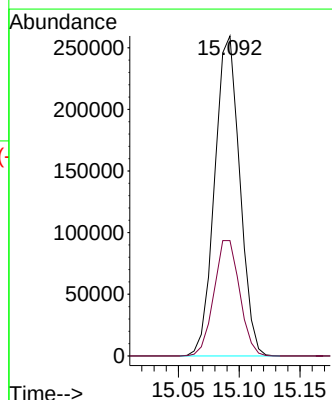
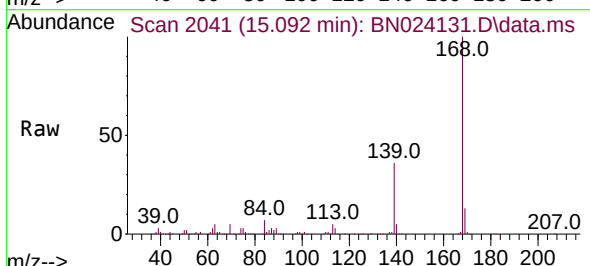
Manual Integrations
APPROVED

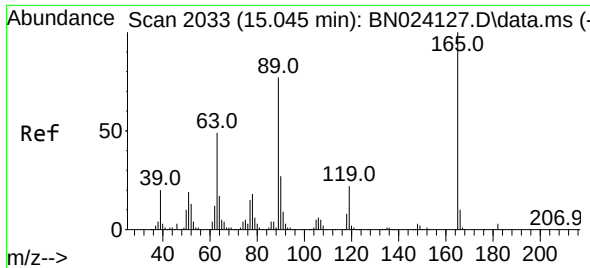
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#56
Dibenzofuran
Concen: 5.286 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:168 Resp: 371724
Ion Ratio Lower Upper
168 100
139 36.0 30.7 46.1





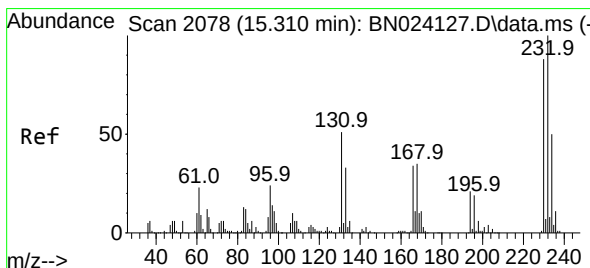
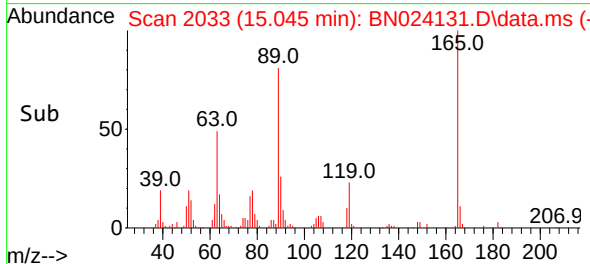
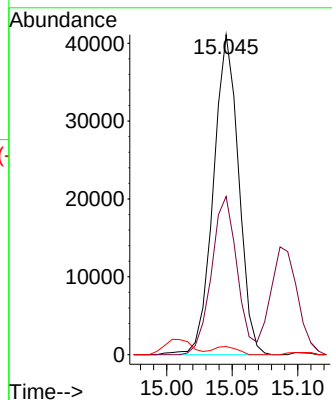
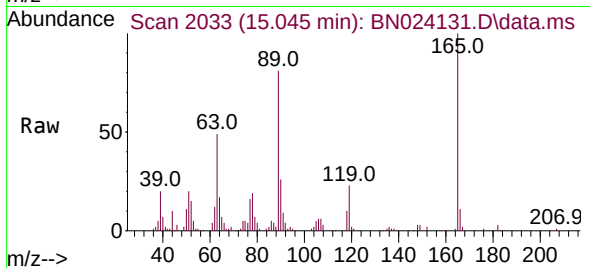
#57
2,4-Dinitrotoluene
Concen: 3.998 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:165 Resp: 54705
Ion Ratio Lower Upper
165 100
63 49.4 38.5 57.7
182 2.6 2.2 3.4

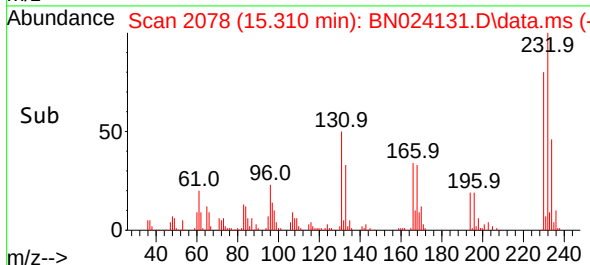
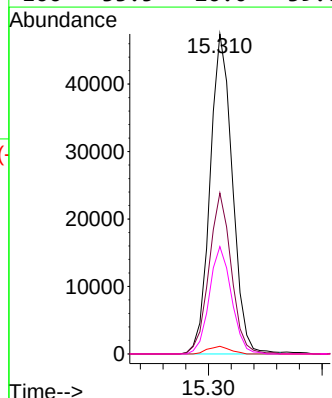
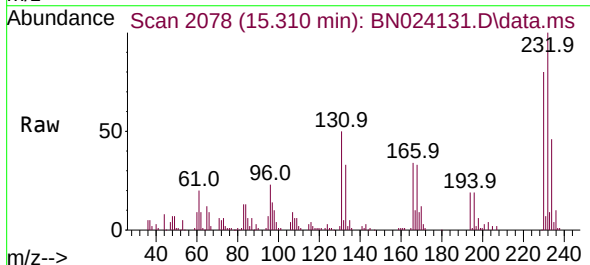
Manual Integrations
APPROVED

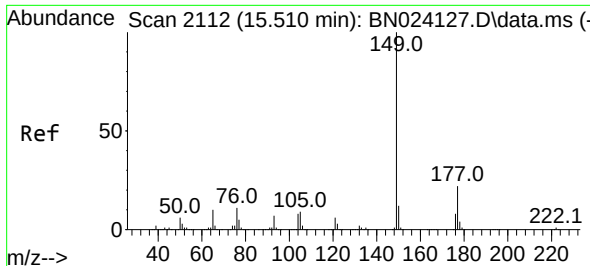
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.675 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

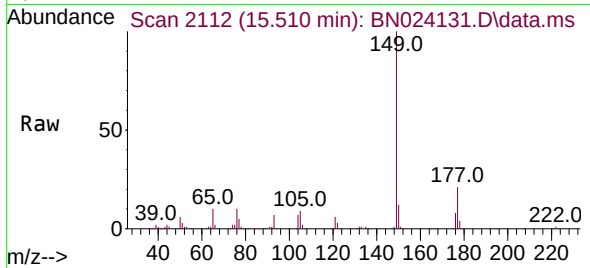
Tgt Ion:232 Resp: 64674
Ion Ratio Lower Upper
232 100
131 50.3 38.5 57.7
130 2.4 2.0 3.0
166 33.5 26.0 39.0





#59
Diethylphthalate
Concen: 5.021 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

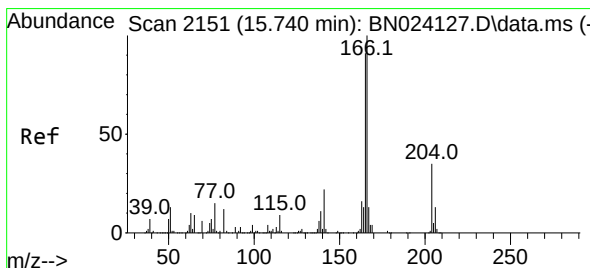
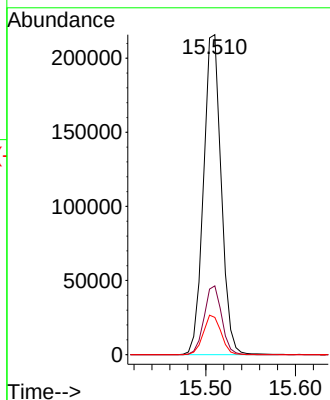
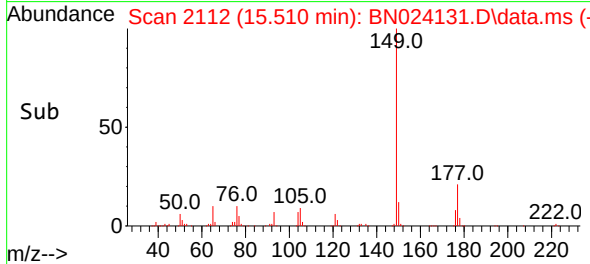
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:149 Resp: 295108
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 11.6 9.7 14.5

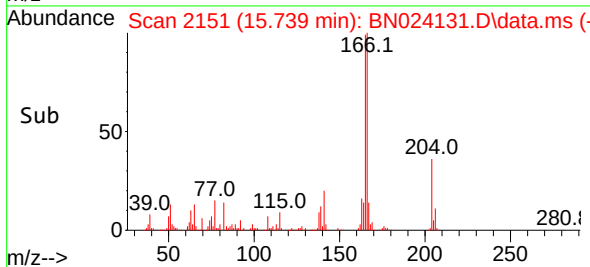
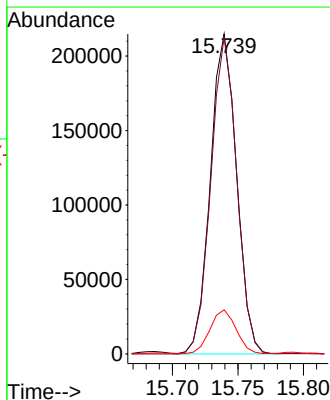
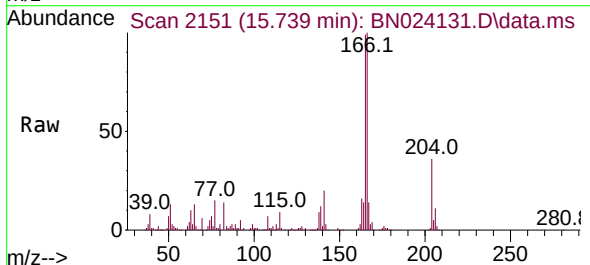
Manual Integrations
APPROVED

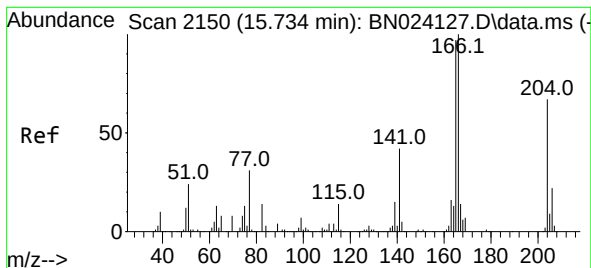
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#61
Fluorene
Concen: 5.431 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:166 Resp: 299222
Ion Ratio Lower Upper
166 100
165 99.0 75.6 113.4
167 13.8 11.2 16.8





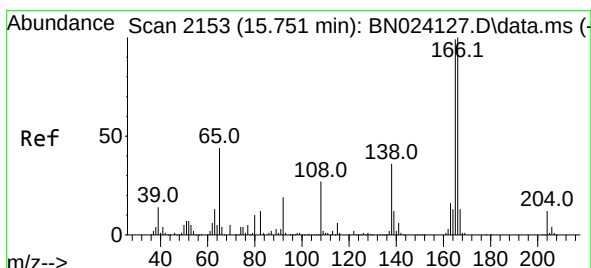
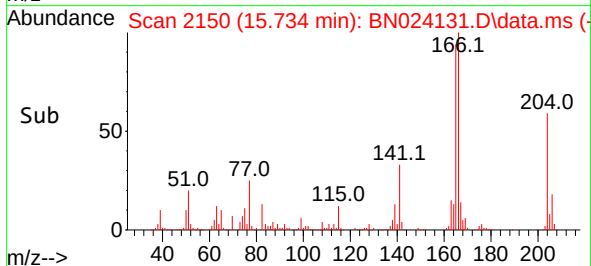
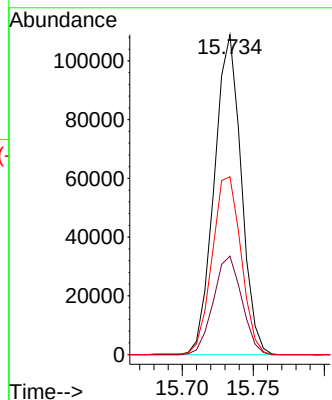
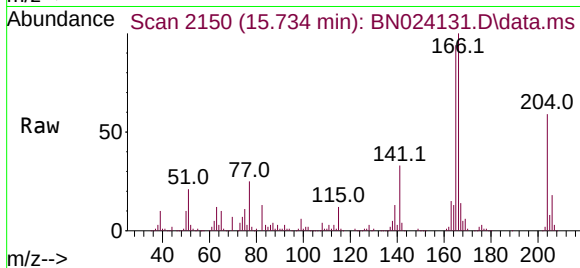
#62
4-Chlorophenyl-phenylether
Concen: 5.466 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01

Tgt Ion:204 Resp: 143983
Ion Ratio Lower Upper
204 100
206 30.8 27.1 40.7
141 55.6 47.4 71.0

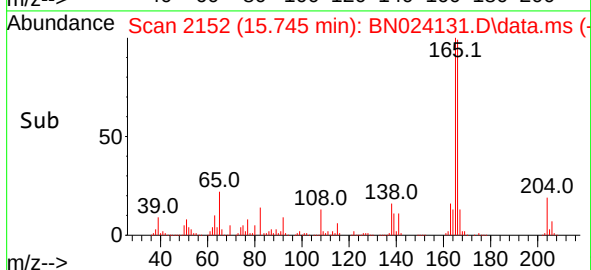
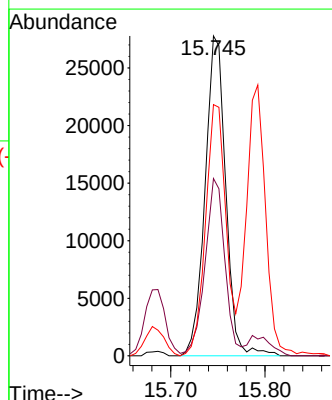
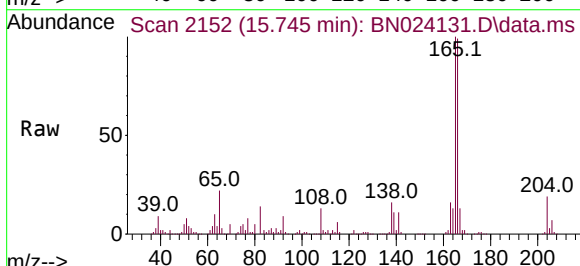
Manual Integrations
APPROVED

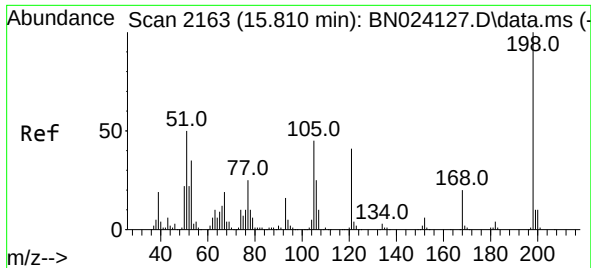
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#63
4-Nitroaniline
Concen: 4.152 ng/ul m
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:138 Resp: 42362
Ion Ratio Lower Upper
138 100
92 55.4 40.0 60.0
108 78.5 60.4 90.6





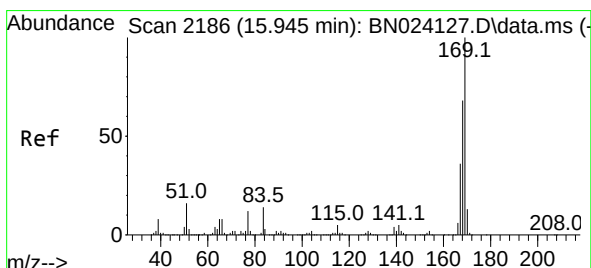
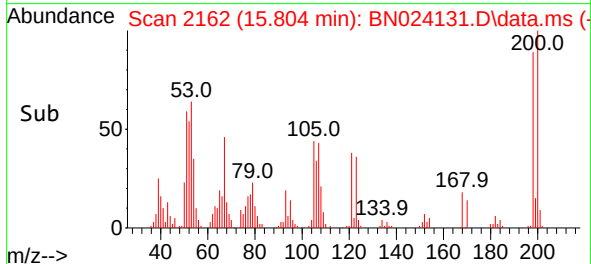
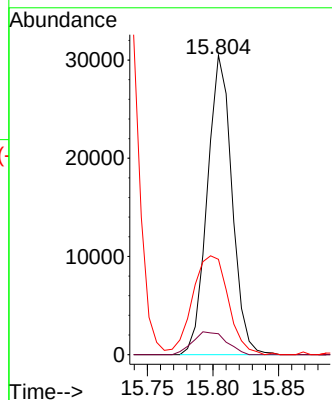
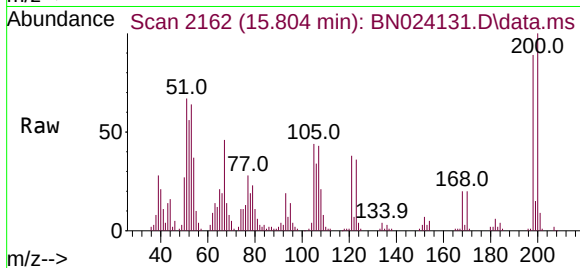
#66
4,6-Dinitro-2-methylphenol
Concen: 4.620 ng/ul
RT: 15.804 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:198 Resp: 39875
Ion Ratio Lower Upper
198 100
182 7.0 3.4 5.0
77 31.9 20.4 30.6

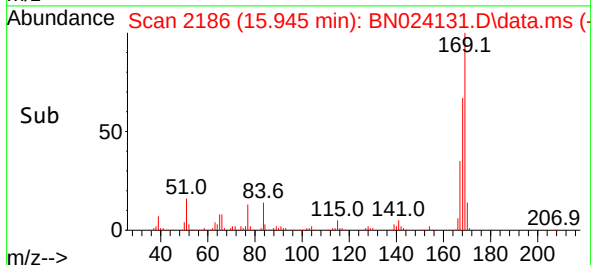
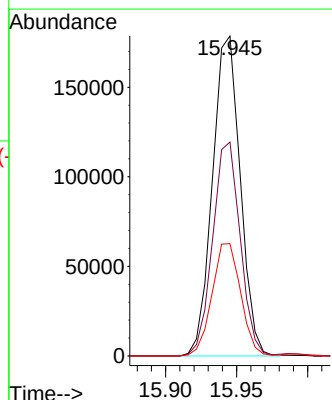
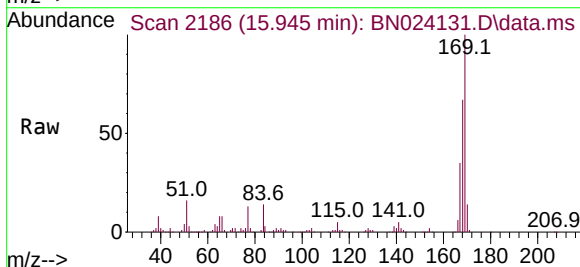
Manual Integrations
APPROVED

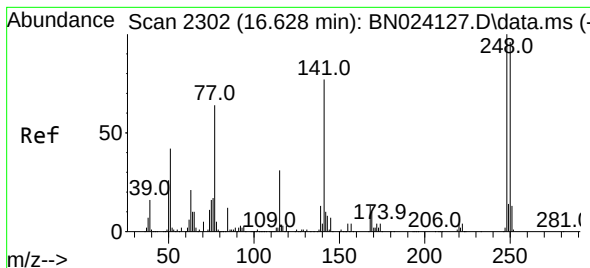
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#67
N-Nitrosodiphenylamine
Concen: 5.192 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

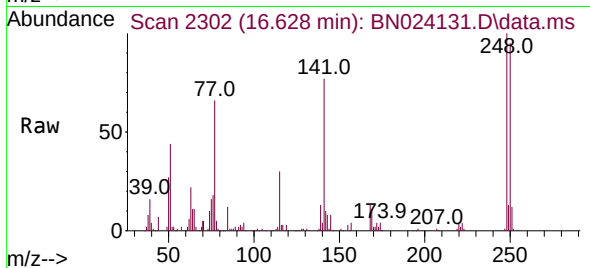
Tgt Ion:169 Resp: 243498
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 35.1 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 4.968 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

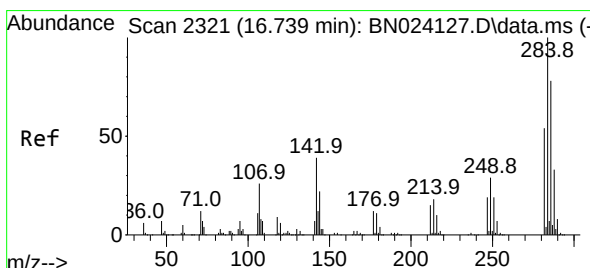
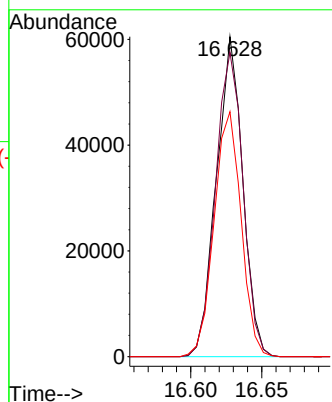
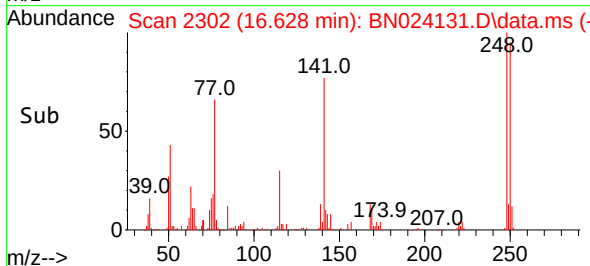
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



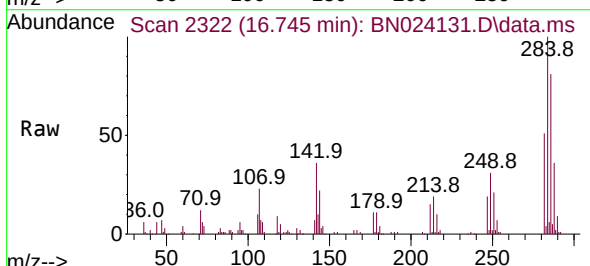
Tgt Ion:248 Resp: 78229
Ion Ratio Lower Upper
248 100
250 95.0 76.6 115.0
141 76.5 61.4 92.0

Manual Integrations
APPROVED

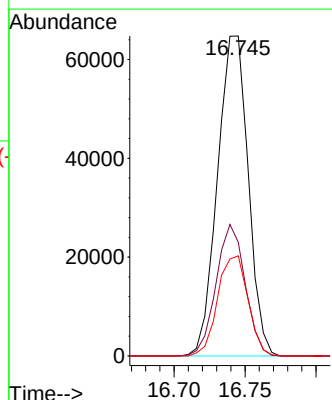
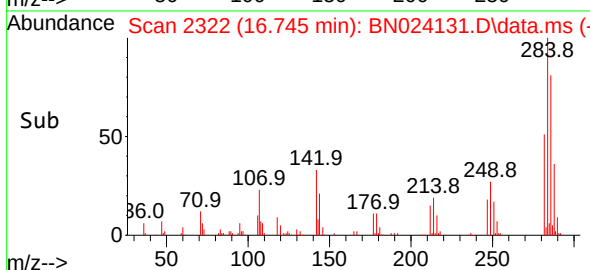
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

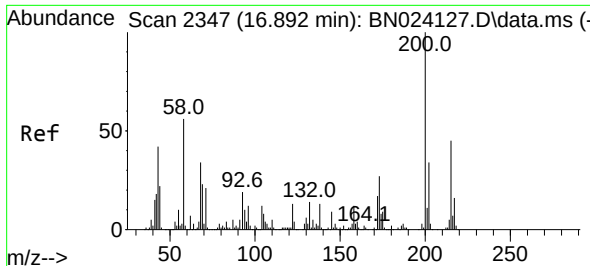


#69
Hexachlorobenzene
Concen: 5.093 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24



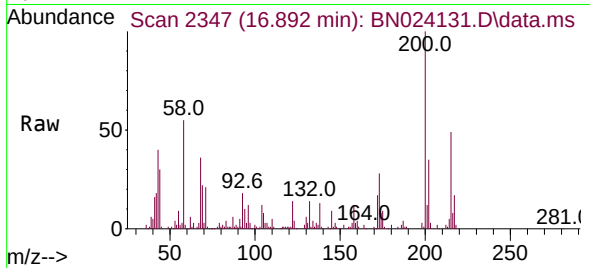
Tgt Ion:284 Resp: 97561
Ion Ratio Lower Upper
284 100
142 35.5 29.0 43.6
249 31.3 25.0 37.6





#70
Atrazine
Concen: 4.452 ng/ul
RT: 16.892 min Scan# 2347
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

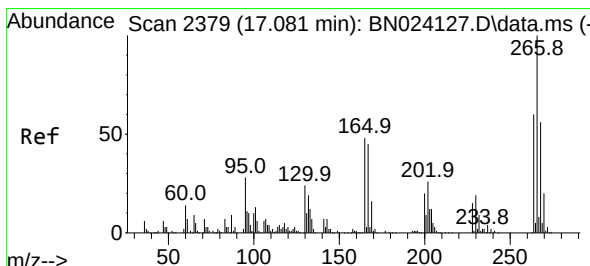
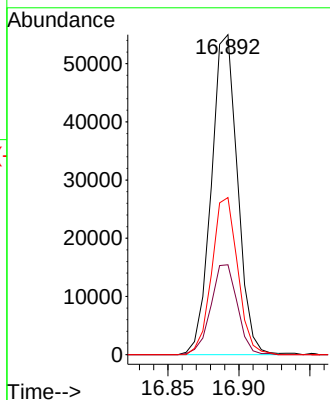
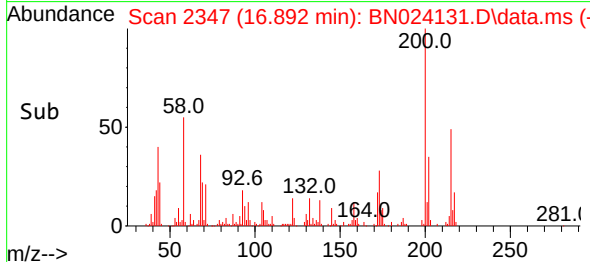
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



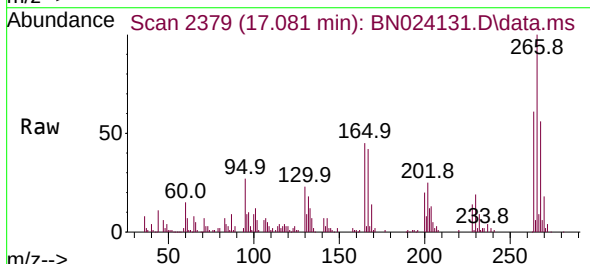
Tgt Ion:200 Resp: 70681
Ion Ratio Lower Upper
200 100
173 28.1 20.7 31.1
215 49.1 38.8 58.2

Manual Integrations
APPROVED

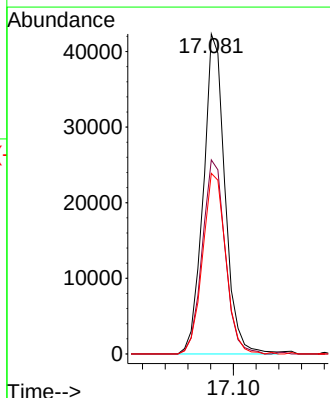
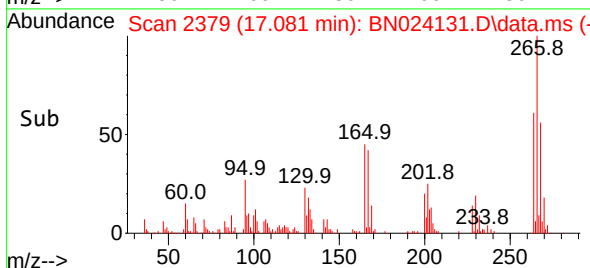
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

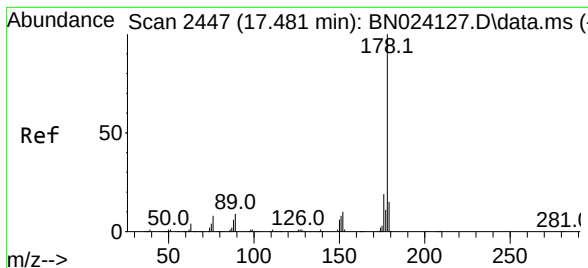


#71
Pentachlorophenol
Concen: 4.724 ng/ul
RT: 17.081 min Scan# 2379
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24



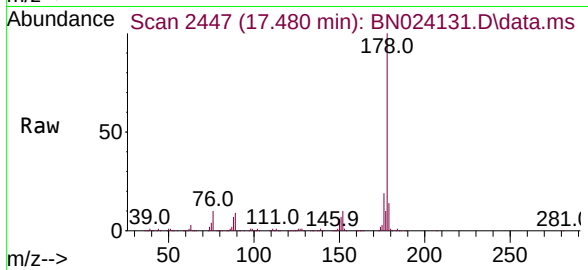
Tgt Ion:266 Resp: 55979
Ion Ratio Lower Upper
266 100
264 60.6 49.5 74.3
268 56.4 51.3 76.9





#72
Phenanthrene
Concen: 5.452 ng/u1
RT: 17.480 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

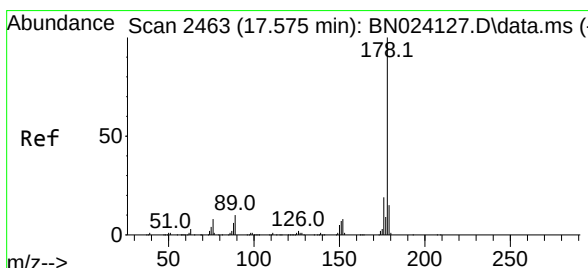
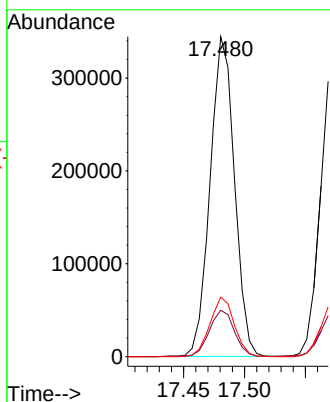
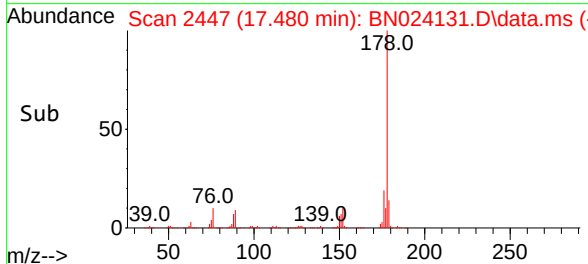
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:178 Resp: 478352
Ion Ratio Lower Upper
178 100
179 14.5 11.6 17.4
176 18.6 14.9 22.3

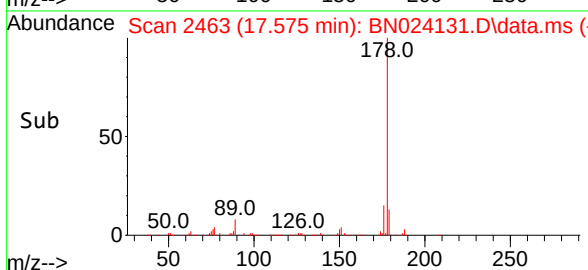
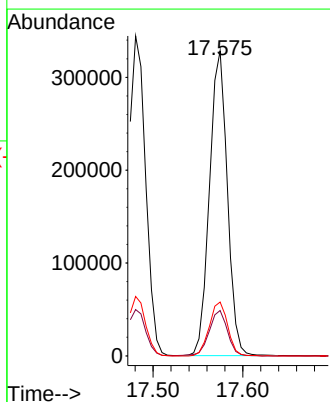
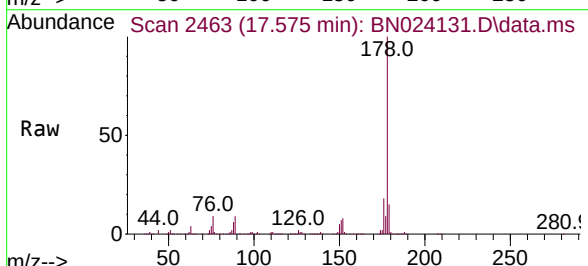
Manual Integrations
APPROVED

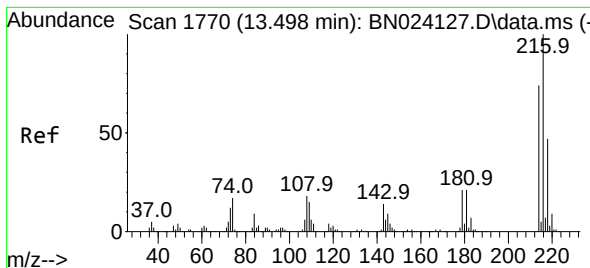
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#74
Anthracene
Concen: 5.157 ng/u1
RT: 17.575 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

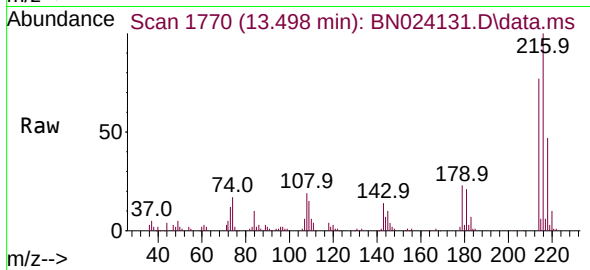
Tgt Ion:178 Resp: 456215
Ion Ratio Lower Upper
178 100
179 14.9 11.9 17.9
176 17.7 14.6 21.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.969 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

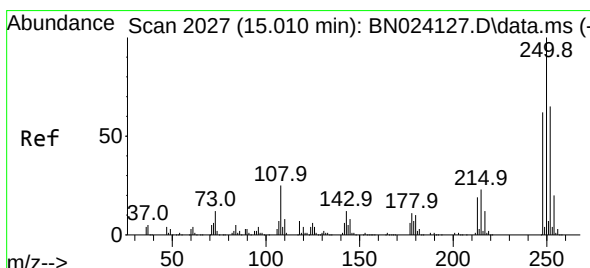
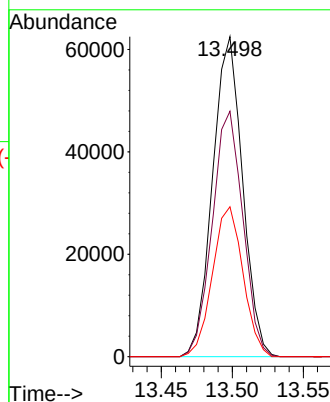
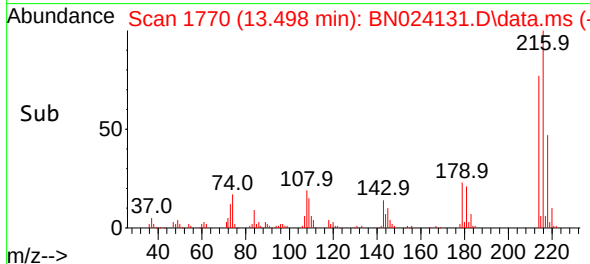
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



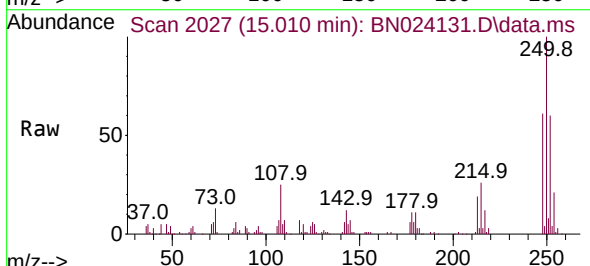
Tgt Ion:216 Resp: 91609
Ion Ratio Lower Upper
216 100
214 76.7 59.6 89.4
218 46.8 37.0 55.4

Manual Integrations
APPROVED

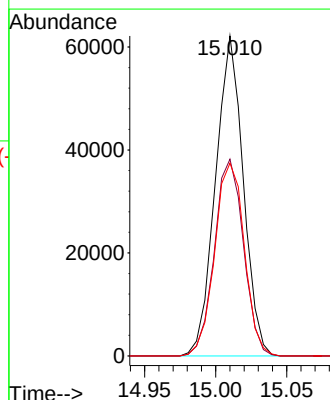
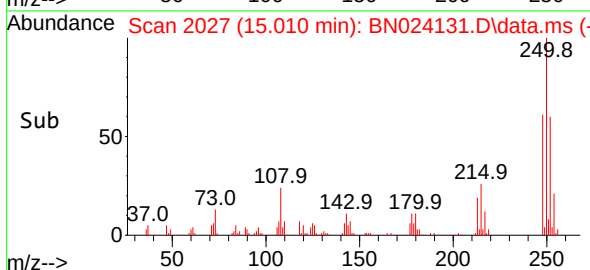
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

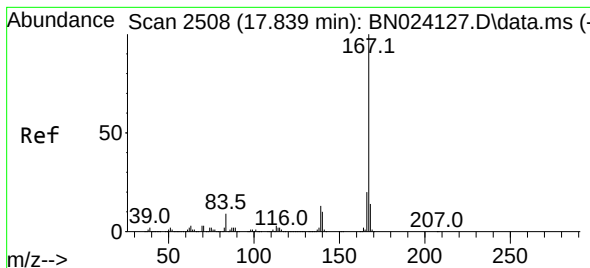


#76
Pentachlorobenzene
Concen: 3.755 ng/uL
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24



Tgt Ion:250 Resp: 84450
Ion Ratio Lower Upper
250 100
248 61.5 53.0 79.4
252 60.2 54.6 81.8





#77

Carbazole

Concen: 5.242 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

Tgt Ion:167 Resp: 415312

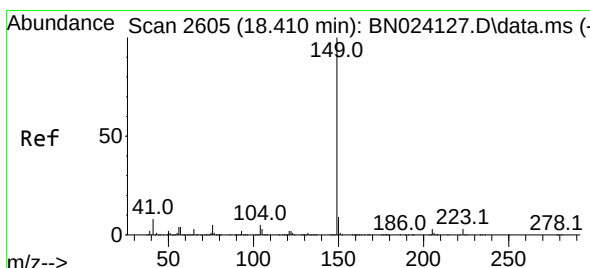
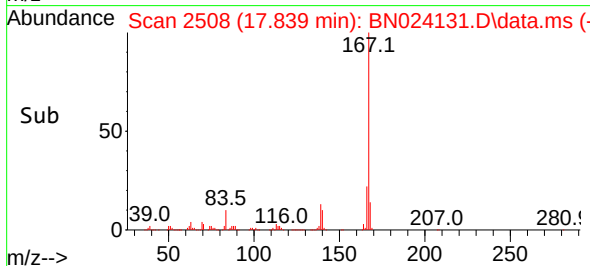
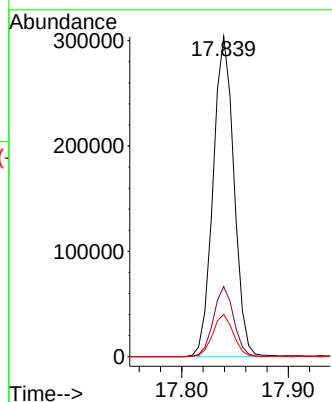
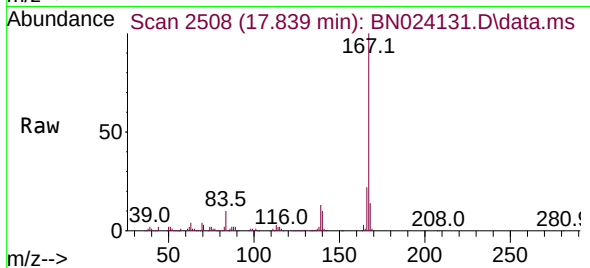
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.2	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#78

Di-n-butylphthalate

Concen: 4.982 ng/ul

RT: 18.410 min Scan# 2605

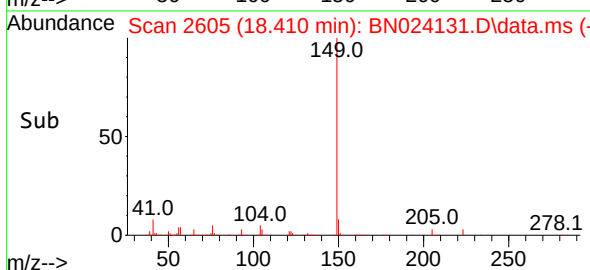
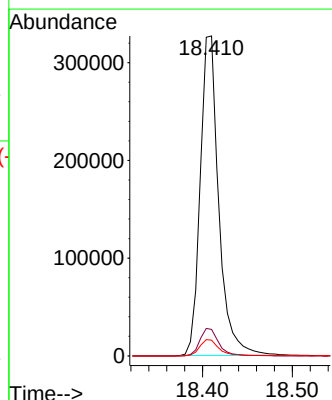
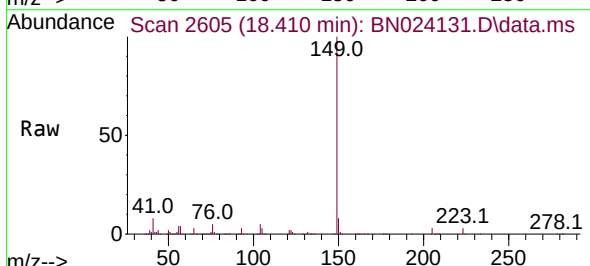
Delta R.T. -0.000 min

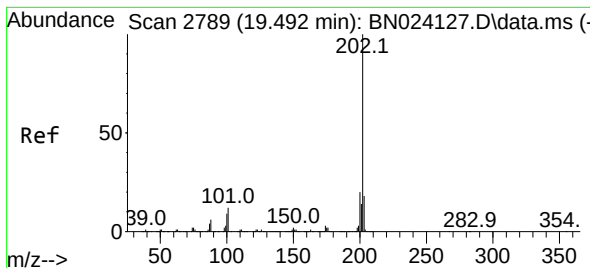
Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Tgt Ion:149 Resp: 469788

Ion	Ratio	Lower	Upper
149	100		
150	8.3	7.4	11.0
104	4.9	4.0	6.0





#80

Fluoranthene

Concen: 5.034 ng/ul

RT: 19.492 min Scan# 2789

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

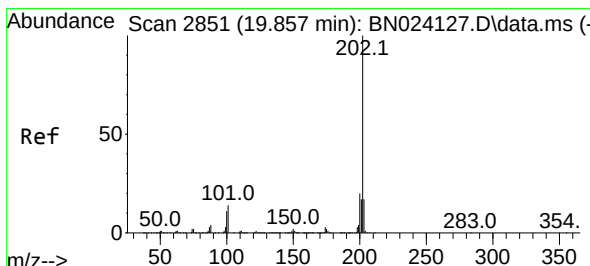
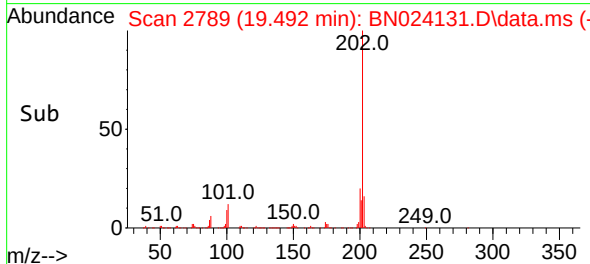
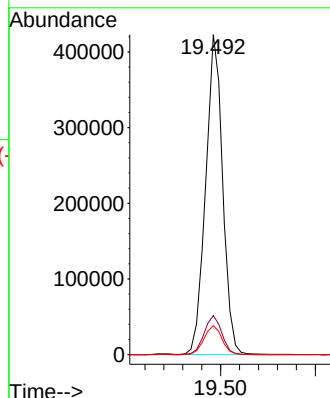
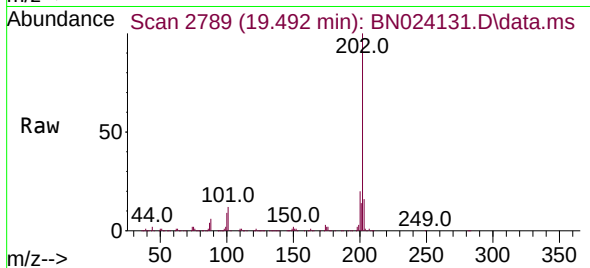
Tgt Ion:202 Resp: 527407
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.0 15.0
 100 9.0 7.6 11.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#82

Pyrene

Concen: 4.970 ng/ul

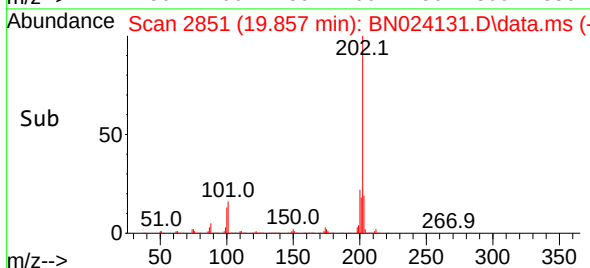
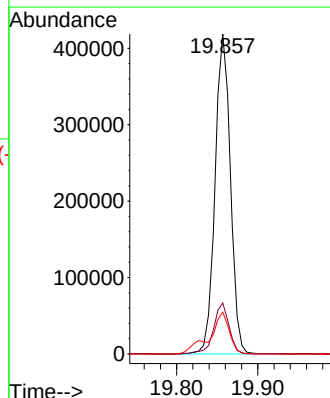
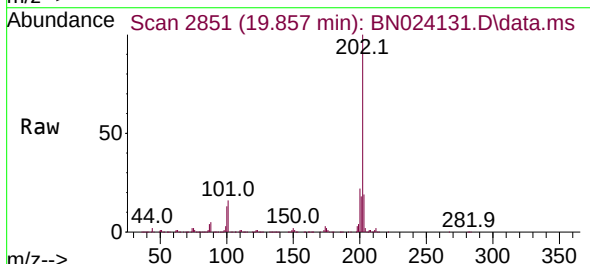
RT: 19.857 min Scan# 2851

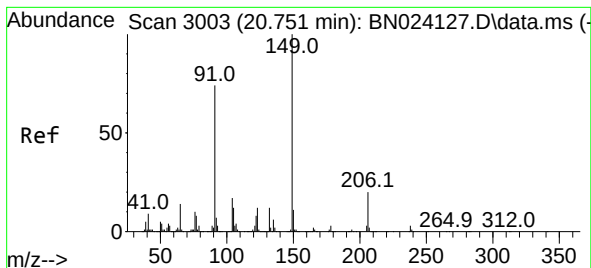
Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Tgt Ion:202 Resp: 549330
 Ion Ratio Lower Upper
 202 100
 101 15.9 11.9 17.9
 100 13.0 9.9 14.9





#83

Butylbenzylphthalate

Concen: 4.178 ng/ul

RT: 20.751 min Scan# 3003

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

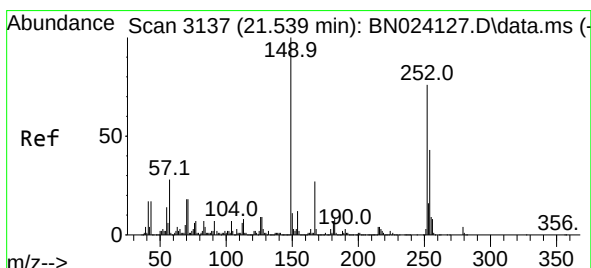
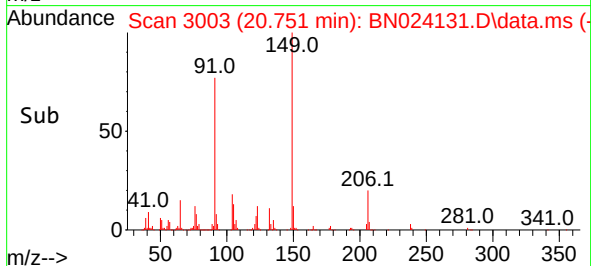
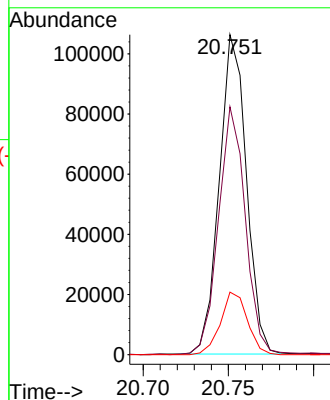
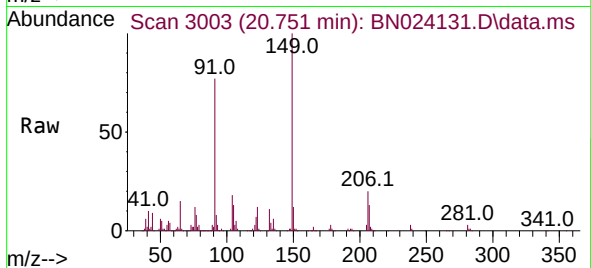
Tgt Ion:149	Resp: 117585
Ion Ratio	Lower Upper
149 100	
91 77.4	62.2 93.2
206 19.5	16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.522 ng/ul

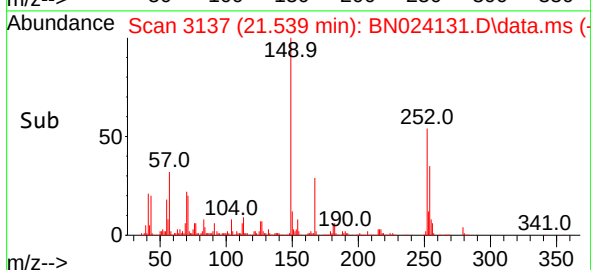
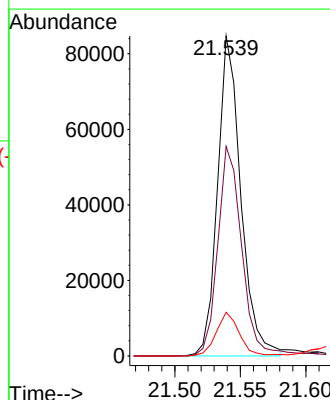
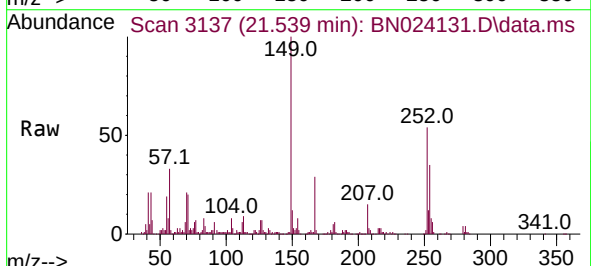
RT: 21.539 min Scan# 3137

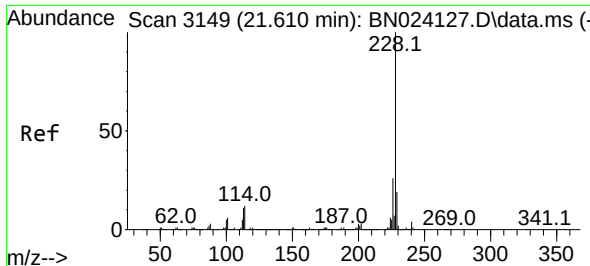
Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

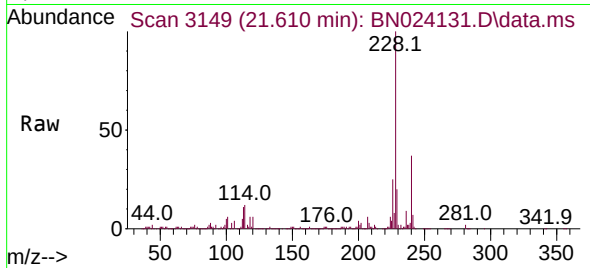
Tgt Ion:252	Resp: 104665
Ion Ratio	Lower Upper
252 100	
254 65.4	54.6 81.8
126 13.6	11.0 16.6





#85
Benzo(a)anthracene
Concen: 5.018 ng/ul
RT: 21.610 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

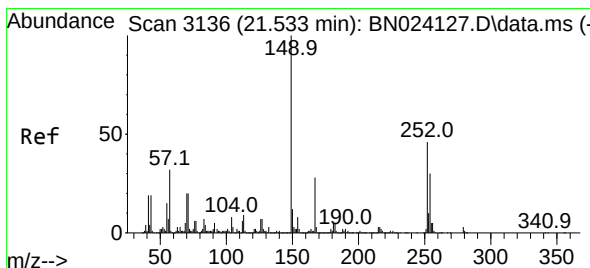
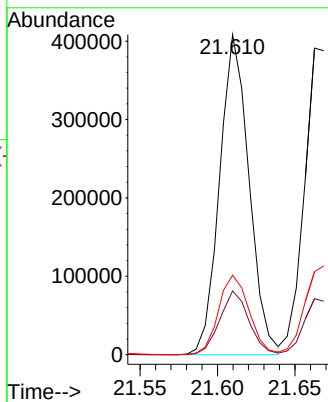
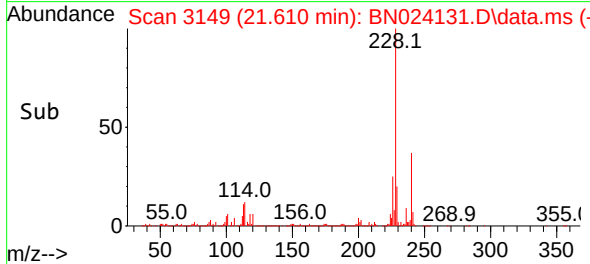
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion:228 Resp: 539350
Ion Ratio Lower Upper
228 100
229 19.9 16.3 24.5
226 24.8 22.6 34.0

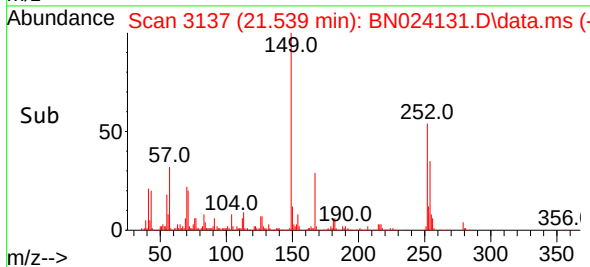
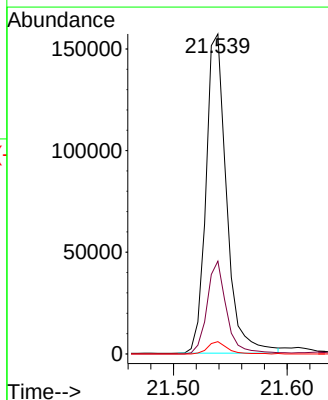
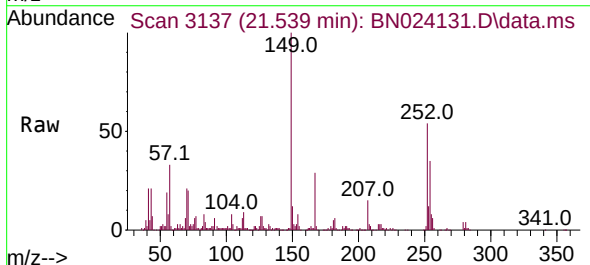
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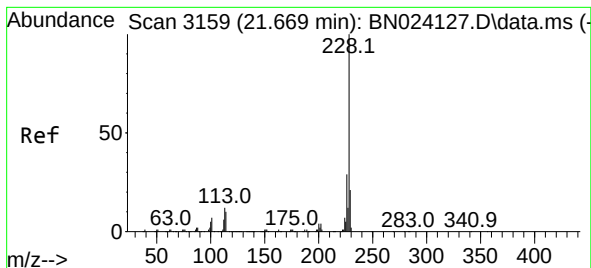
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.249 ng/ul
RT: 21.539 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:149 Resp: 198456
Ion Ratio Lower Upper
149 100
167 29.0 21.6 32.4
279 3.8 3.4 5.2





#87

Chrysene

Concen: 5.118 ng/ul

RT: 21.663 min Scan# 3159

Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

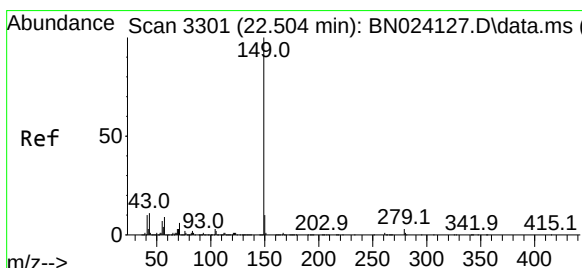
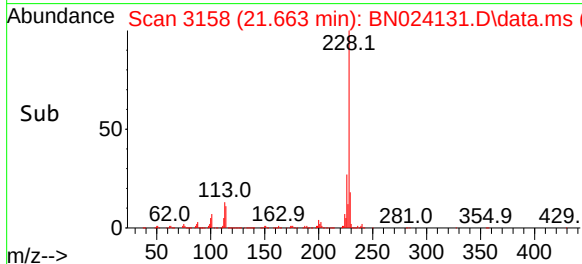
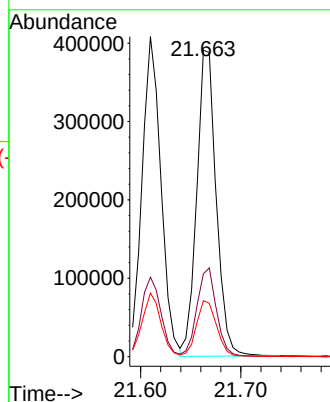
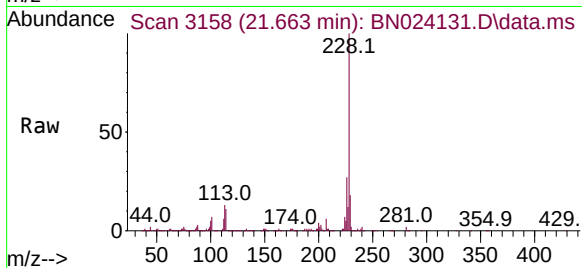
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:228 Resp: 526474
 Ion Ratio Lower Upper
 228 100
 226 27.0 25.8 38.6
 229 18.2 17.5 26.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023
 Supervised By :Jagrut Upadhyay 03/07/2023



#89

Di-n-octyl phthalate

Concen: 3.783 ng/ul

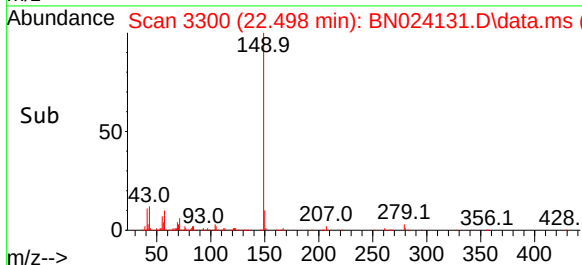
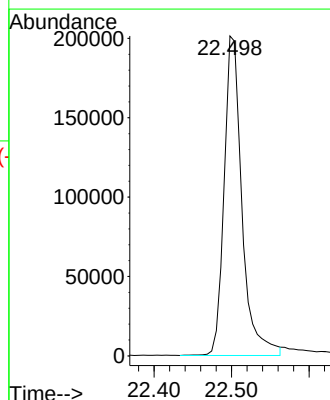
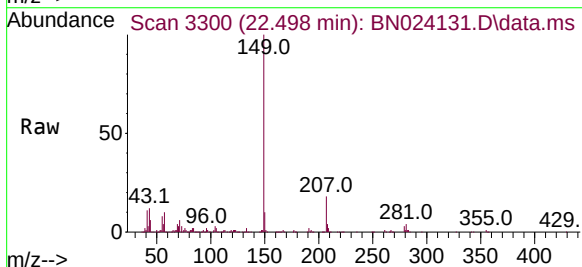
RT: 22.498 min Scan# 3300

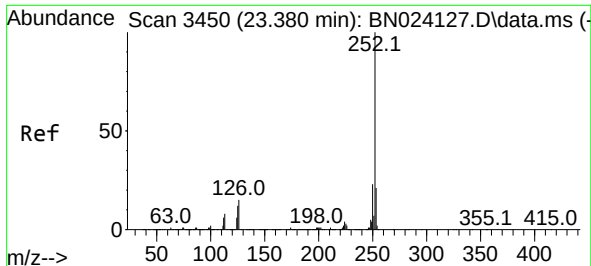
Delta R.T. -0.006 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

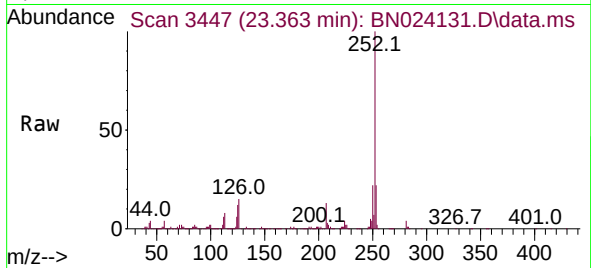
Tgt Ion:149 Resp: 322766





#90
Benzo(b)fluoranthene
Concen: 5.259 ng/ul
RT: 23.363 min Scan# 3447
Delta R.T. -0.018 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

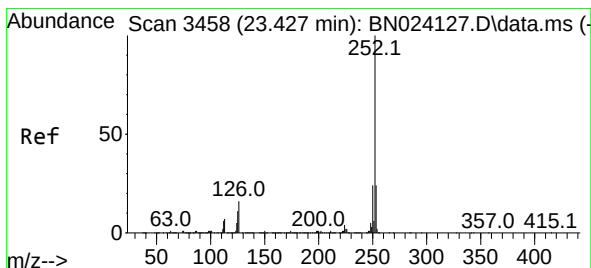
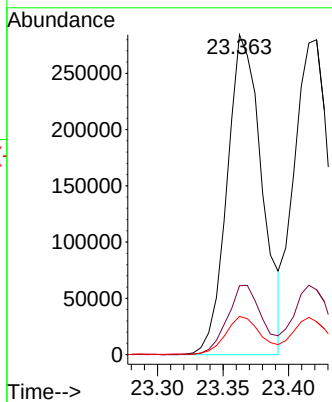
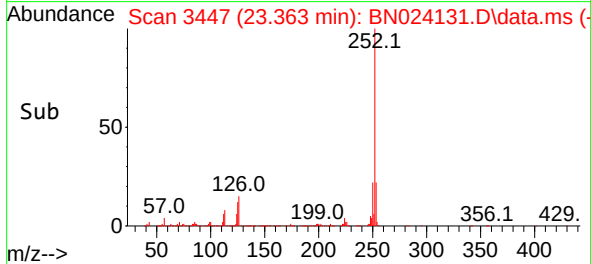
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion:252 Resp: 528125
Ion Ratio Lower Upper
252 100
253 21.5 18.3 27.5
125 11.9 9.5 14.3

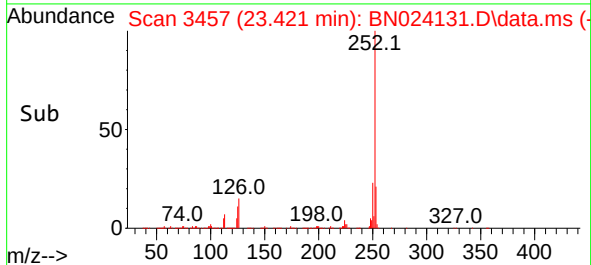
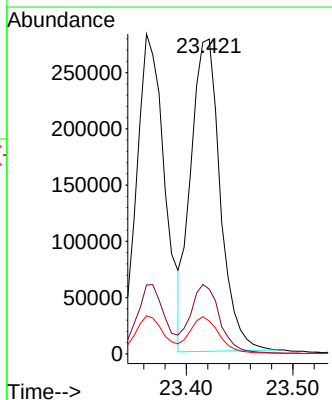
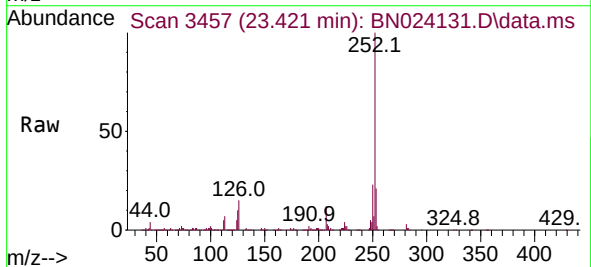
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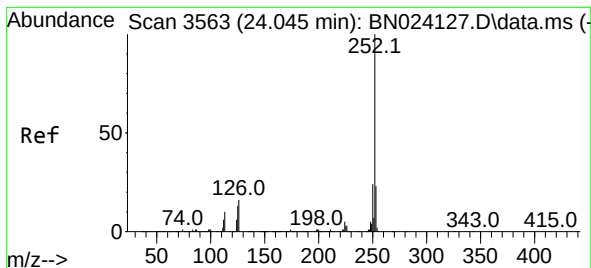
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#91
Benzo(k)fluoranthene
Concen: 5.365 ng/ul
RT: 23.421 min Scan# 3457
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

Tgt Ion:252 Resp: 532947
Ion Ratio Lower Upper
252 100
253 20.6 17.4 26.0
125 10.4 9.0 13.6





#93

Benzo(a)pyrene

Concen: 5.351 ng/ul

RT: 24.027 min Scan# 3560

Delta R.T. -0.018 min

Lab File: BN024131.D

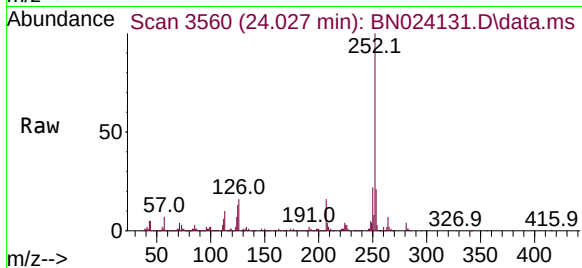
Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



Tgt Ion:252 Resp: 475956

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

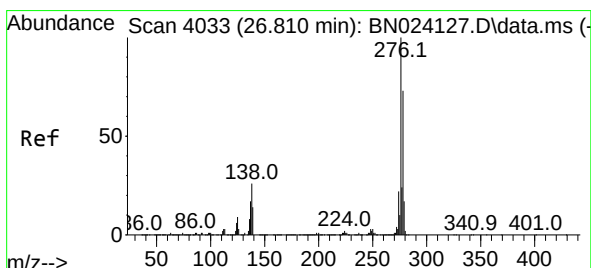
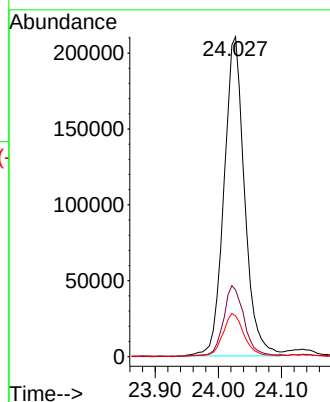
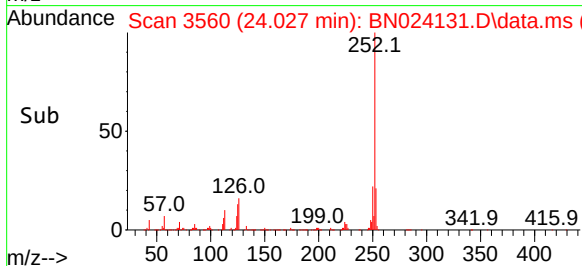
125 12.7 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.101 ng/ul m

RT: 26.756 min Scan# 4024

Delta R.T. -0.053 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

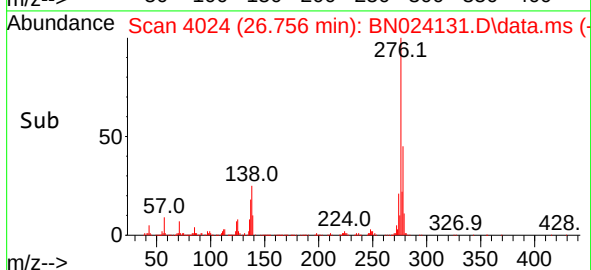
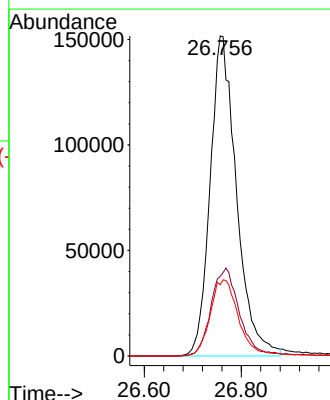
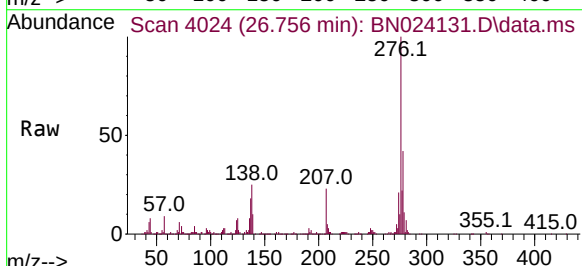
Tgt Ion:276 Resp: 571393

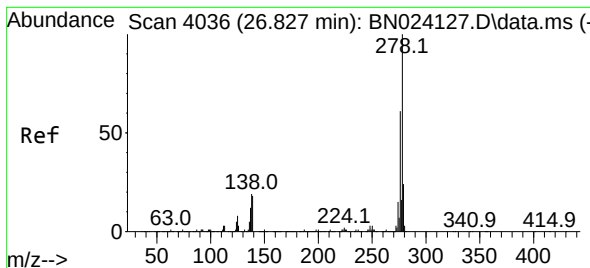
Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

277 22.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 5.312 ng/ul m

RT: 26.780 min Scan# 4036

Delta R.T. -0.047 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

Tgt Ion:278 Resp: 484486

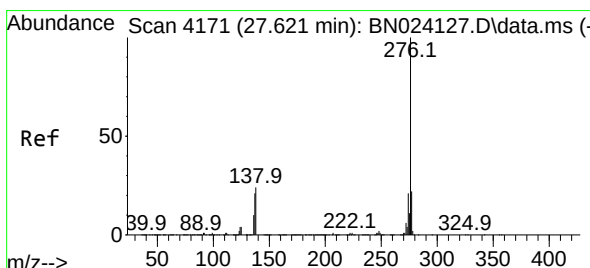
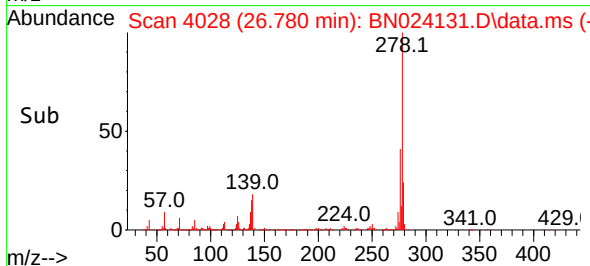
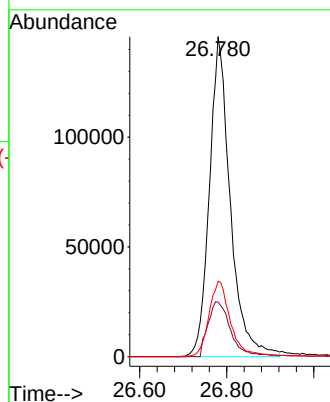
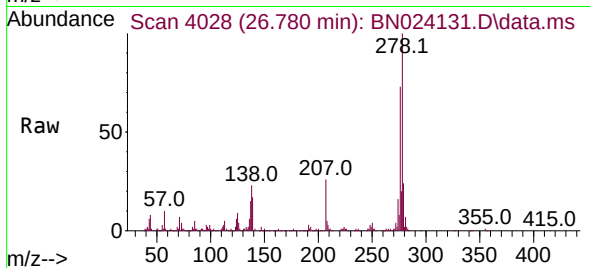
Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.4	21.6
279	23.6	18.2	27.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#96

Benzo(g,h,i)perylene

Concen: 5.168 ng/ul m

RT: 27.562 min Scan# 4161

Delta R.T. -0.059 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Tgt Ion:276 Resp: 477625

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.8	28.2
277	22.4	18.6	27.8

