

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

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	66313	5.301	ng/u1	99
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	34336	5.198	ng/u1	97
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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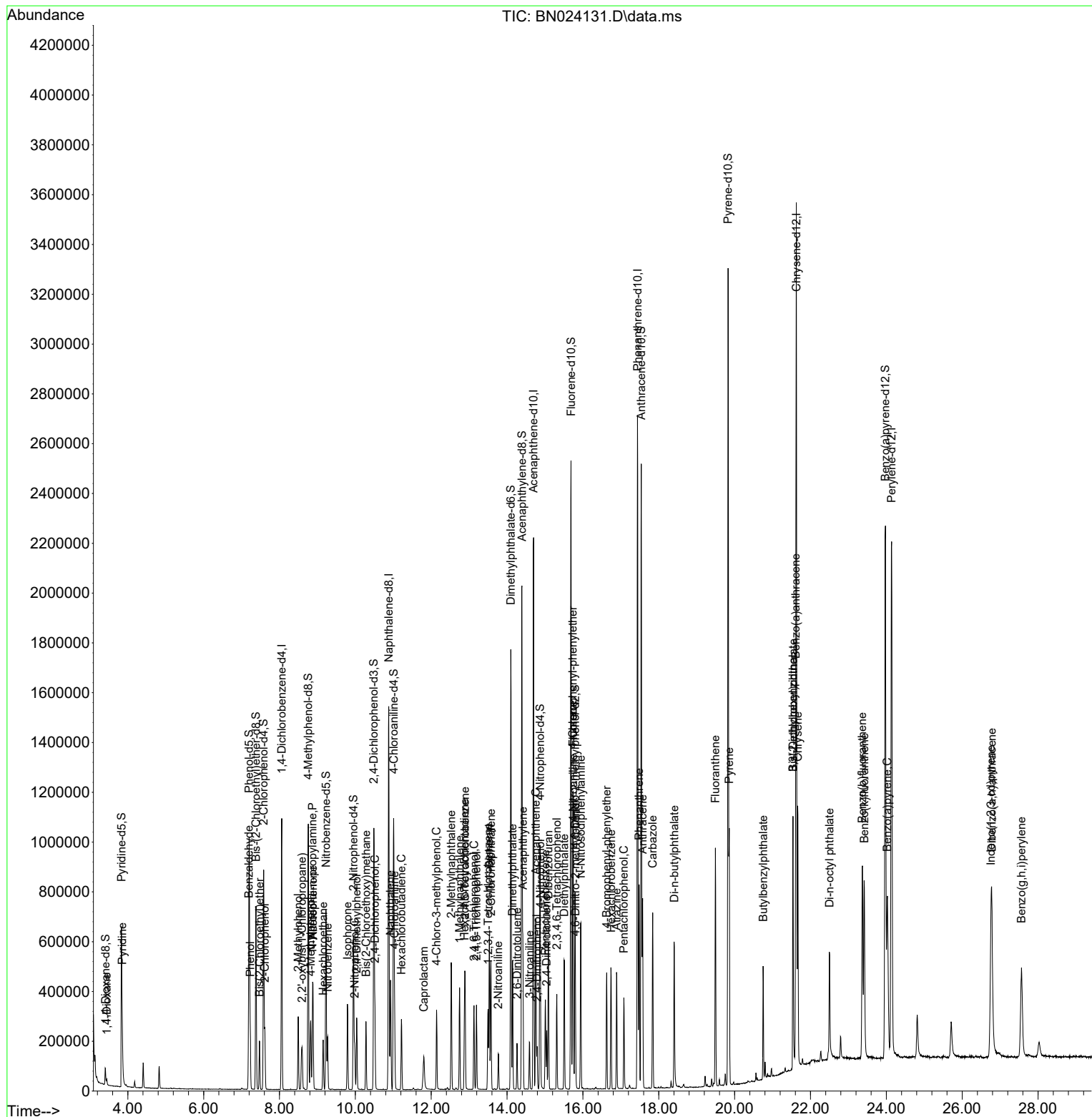
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37) 1-Methylnaphthalene	12.745	142	188716	4.136	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.893	216	117270	5.141	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	52232	4.249	ng/ul	95
41) 2,4,6-Trichlorophenol	13.128	196	70077	4.689	ng/ul	98
42) 2,4,5-Trichlorophenol	13.192	196	77259	4.801	ng/ul	94
43) 1,1'-Biphenyl	13.534	154	309643	5.128	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	243220	5.170	ng/ul	99
45) 2-Nitroaniline	13.769	65	37481	3.657	ng/ul	87
47) Dimethylphthalate	14.145	163	302763	5.135	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	29085	3.351	ng/ul	93
50) Acenaphthylene	14.416	152	384398	5.238	ng/ul	100
51) 3-Nitroaniline	14.592	138	40014	3.793	ng/ul#	97
52) Acenaphthene	14.757	153	262007	5.234	ng/ul	97
53) 2,4-Dinitrophenol	14.792	184	29138	4.849	ng/ul	98
55) 4-Nitrophenol	14.881	109	40531	4.759	ng/ul	98
56) Dibenzofuran	15.092	168	371724	5.286	ng/ul	96
57) 2,4-Dinitrotoluene	15.045	165	54705	3.998	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.310	232	64674	4.675	ng/ul	97
59) Diethylphthalate	15.510	149	295108	5.021	ng/ul	99
61) Fluorene	15.739	166	299222	5.431	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.734	204	143983	5.466	ng/ul	95
63) 4-Nitroaniline	15.745	138	41602	4.078	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.804	198	39875	4.620	ng/ul#	88
67) N-Nitrosodiphenylamine	15.945	169	243498	5.192	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	78229	4.968	ng/ul	99
69) Hexachlorobenzene	16.745	284	97561	5.093	ng/ul	99
70) Atrazine	16.892	200	70681	4.452	ng/ul	98
71) Pentachlorophenol	17.081	266	55979	4.724	ng/ul	94
72) Phenanthrene	17.480	178	478357	5.452	ng/ul	100
74) Anthracene	17.575	178	456215	5.157	ng/ul	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/ul	99
78) Di-n-butylphthalate	18.410	149	469788	4.982	ng/ul	98
80) Fluoranthene	19.492	202	527407	5.034	ng/ul	99
82) Pyrene	19.857	202	549330	4.970	ng/ul	98
83) Butylbenzylphthalate	20.751	149	117585	4.178	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	104665	3.522	ng/ul	97
85) Benzo(a)anthracene	21.610	228	539350	5.018	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.539	149	198456	4.249	ng/ul	97
87) Chrysene	21.663	228	526474	5.118	ng/ul	91
89) Di-n-octyl phthalate	22.498	149	322766	3.783	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	528125	5.259	ng/ul	98
91) Benzo(k)fluoranthene	23.421	252	532947	5.365	ng/ul	98
93) Benzo(a)pyrene	24.027	252	475956	5.351	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	526561	4.701	ng/ul	97
95) Dibenzo(a,h)anthracene	26.780	278	447484	4.906	ng/ul	98
96) Benzo(g,h,i)perylene	27.562	276	445955	4.826	ng/ul	98

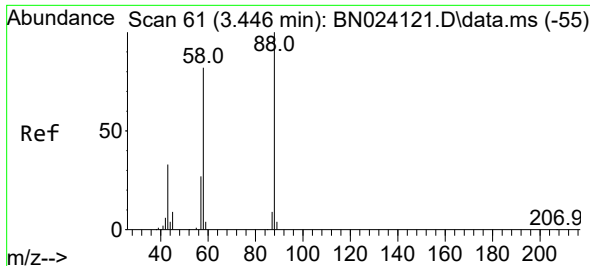
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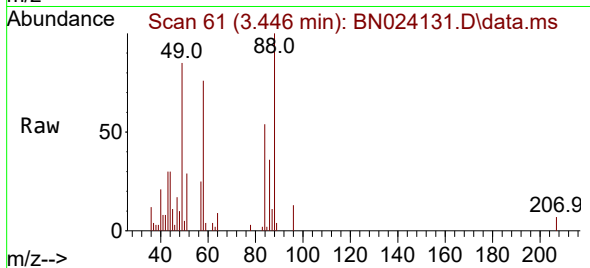
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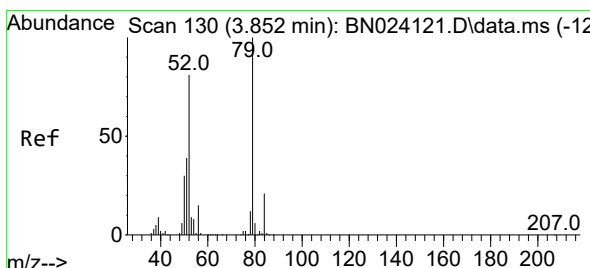
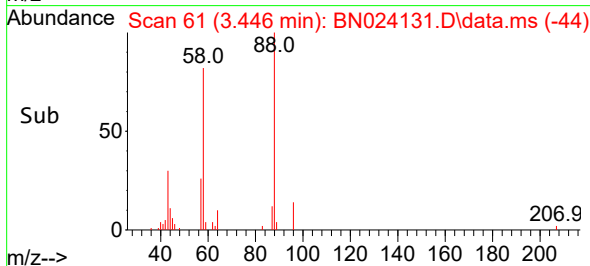
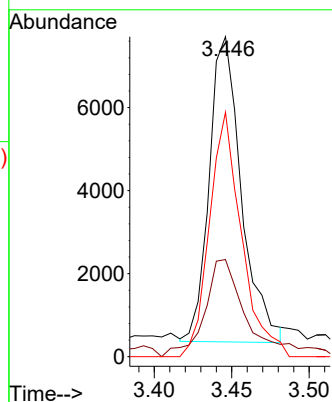
#2
1,4-Dioxane
Concen: 1.333 ng/uL
RT: 3.446 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024131.D
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MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 88 Resp: 10622

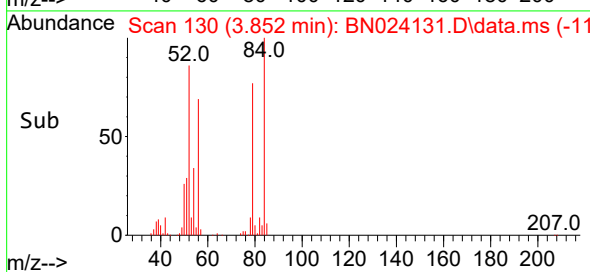
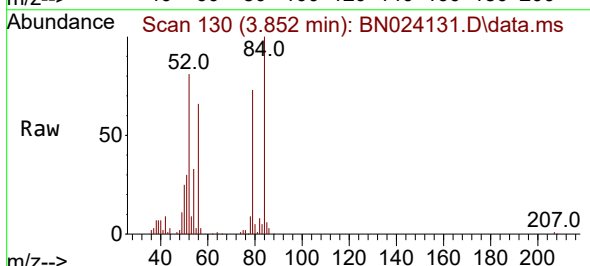
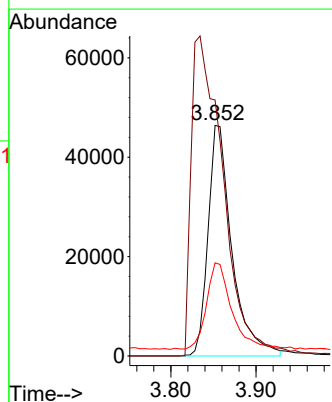
Ion	Ratio	Lower	Upper
88	100		
43	30.3	26.2	39.4
58	76.4	64.9	97.3

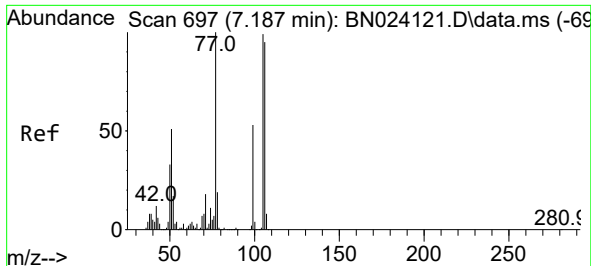


#5
Pyridine
Concen: 4.298 ng/uL
RT: 3.852 min Scan# 130
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

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

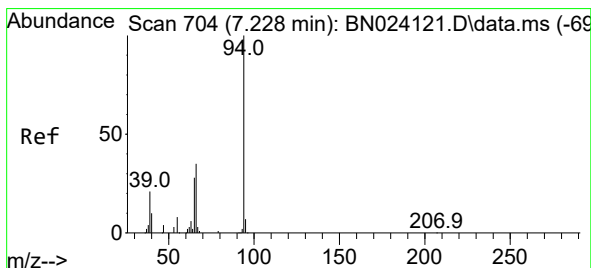
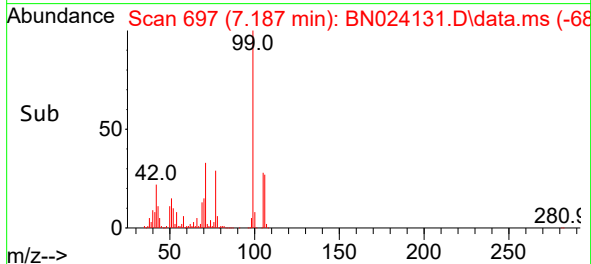
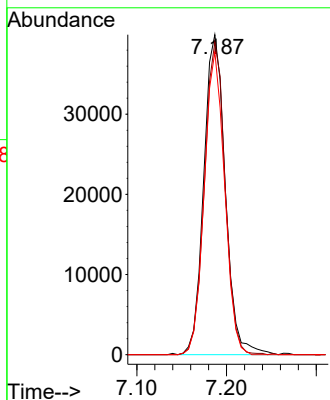
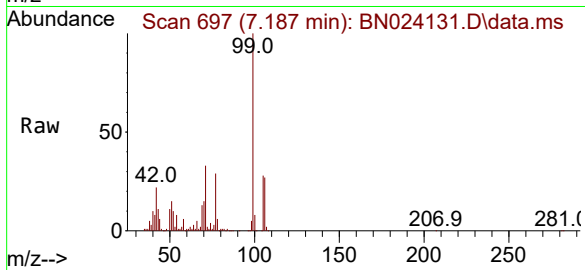




#6
Benzaldehyde
Concen: 5.301 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BN024131.D
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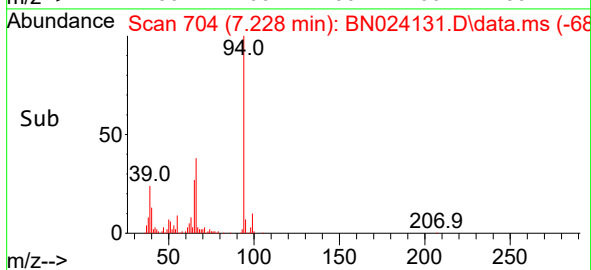
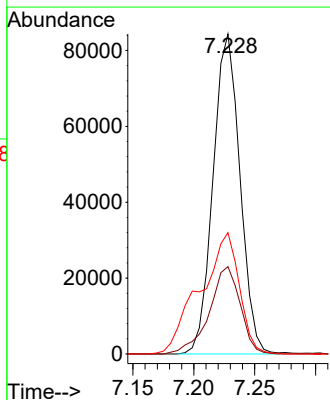
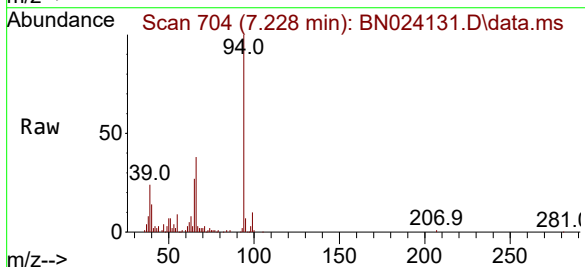
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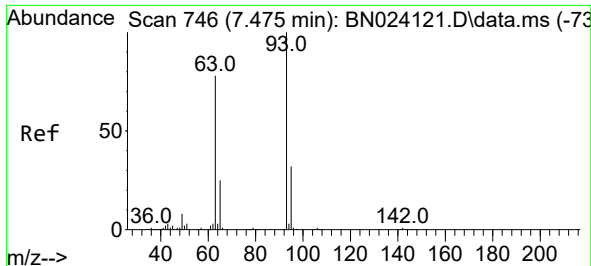
Tgt Ion: 77 Resp: 66313
Ion Ratio Lower Upper
77 100
105 97.7 79.2 118.8
106 94.7 75.9 113.9



#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

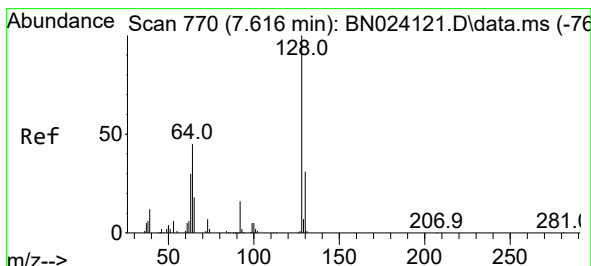
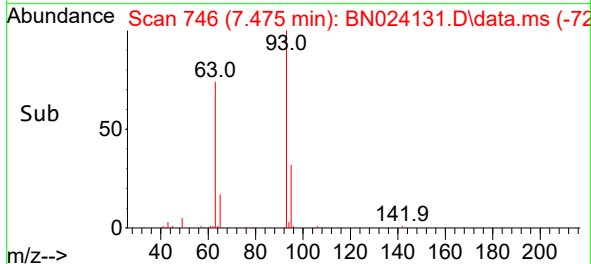
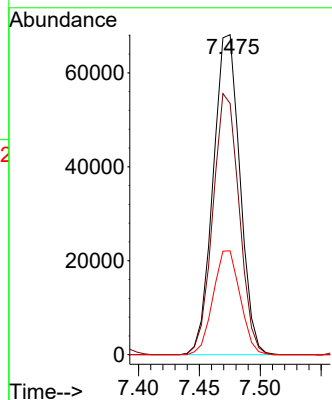
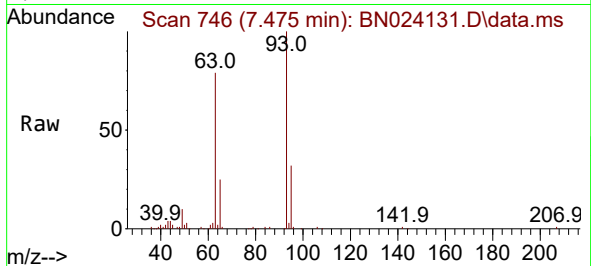




#10
Bis(2-Chloroethyl)ether
Concen: 4.823 ng/ul
RT: 7.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

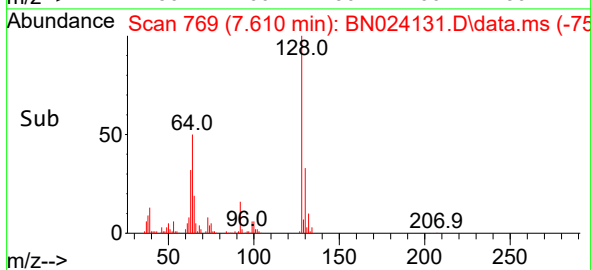
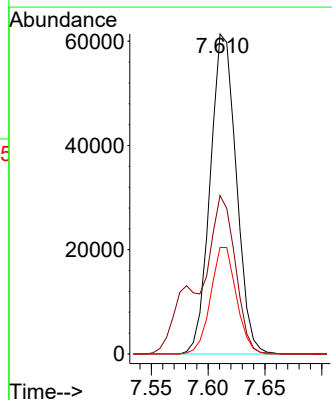
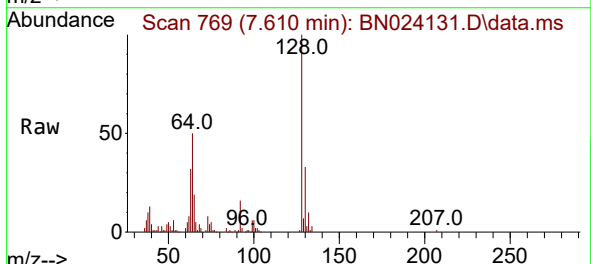
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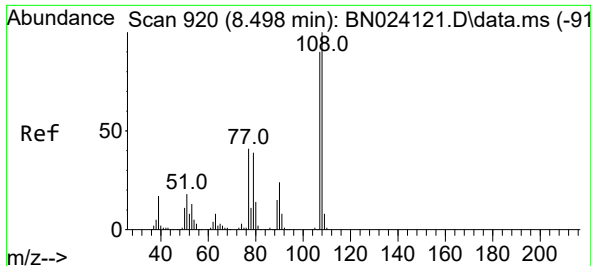
Tgt Ion: 93 Resp: 104305
Ion Ratio Lower Upper
93 100
63 78.5 62.6 93.8
95 32.4 25.8 38.6



#12
2-Chlorophenol
Concen: 4.778 ng/ul
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

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





#13

2-Methylphenol

Concen: 4.605 ng/ul

RT: 8.493 min Scan# 919

Delta R.T. -0.000 min

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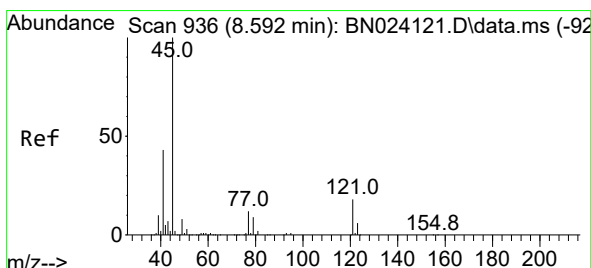
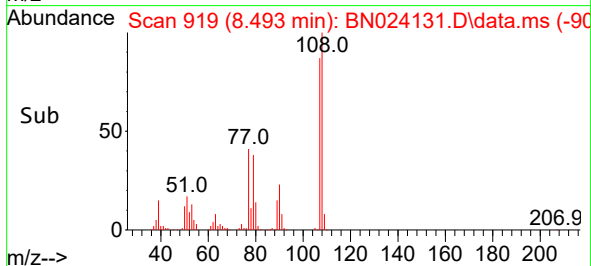
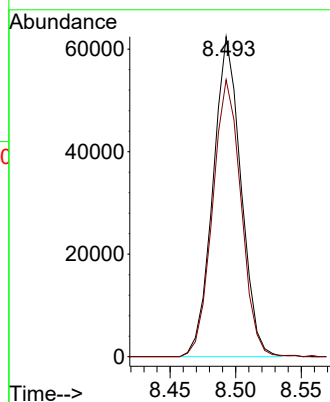
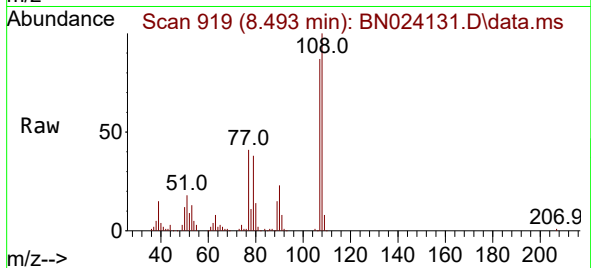
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:108 Resp: 92423

Ion Ratio Lower Upper

108 100

107 86.5 72.3 108.5



#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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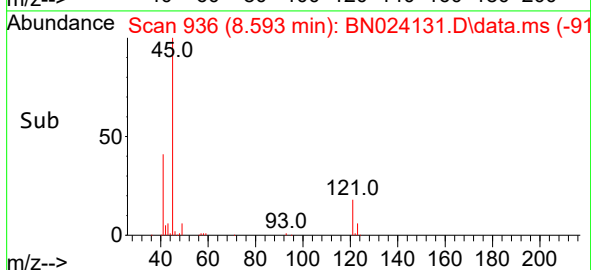
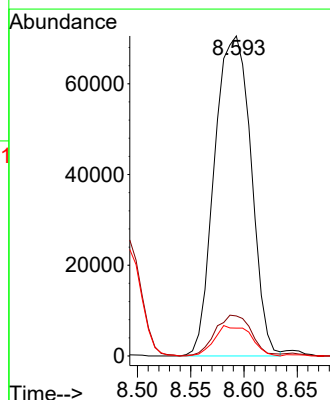
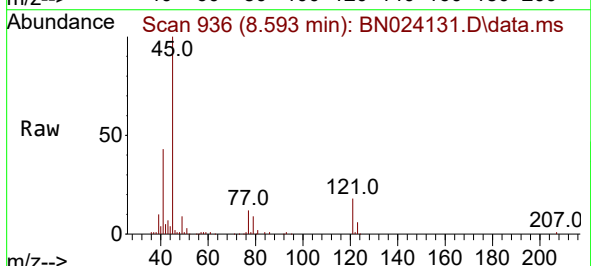
Tgt Ion: 45 Resp: 168355

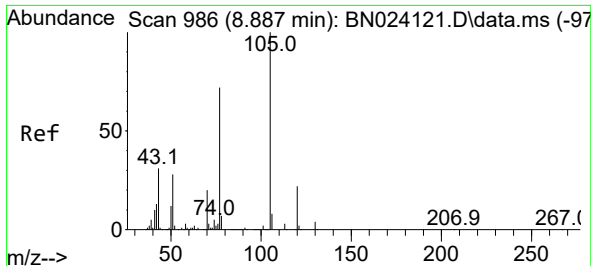
Ion Ratio Lower Upper

45 100

77 12.5 9.8 14.6

79 8.7 7.4 11.0

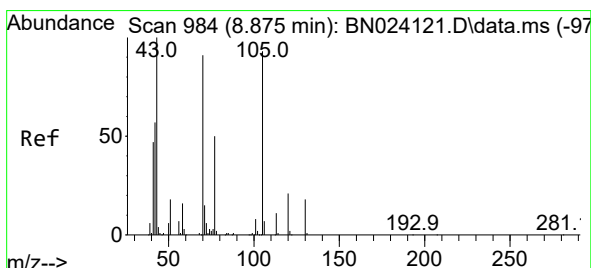
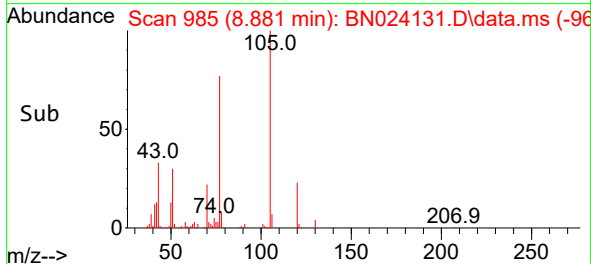
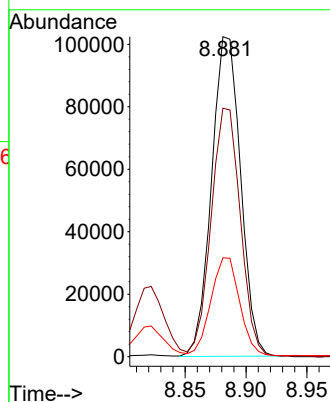
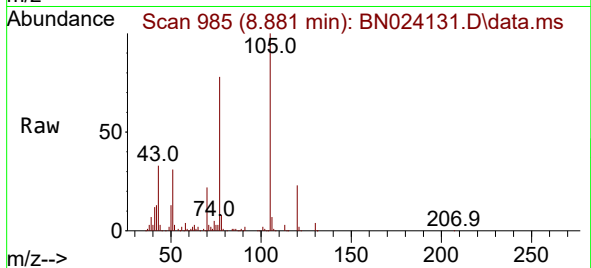




#16
Acetophenone
Concen: 5.360 ng/ul
RT: 8.881 min Scan# 986
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

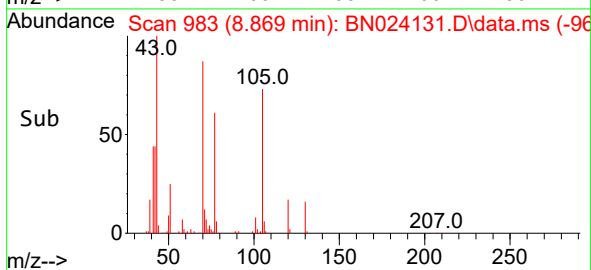
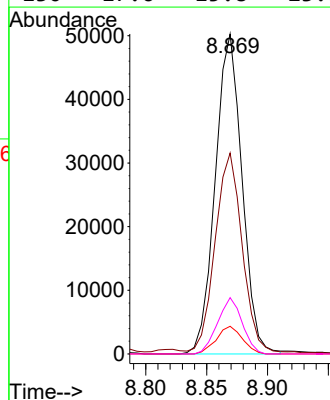
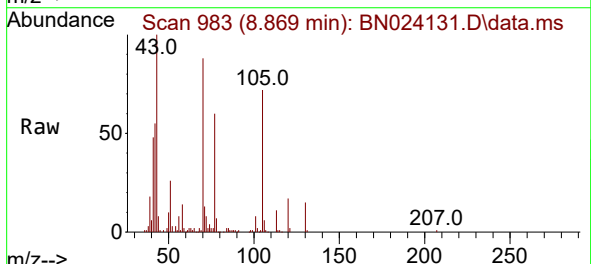
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

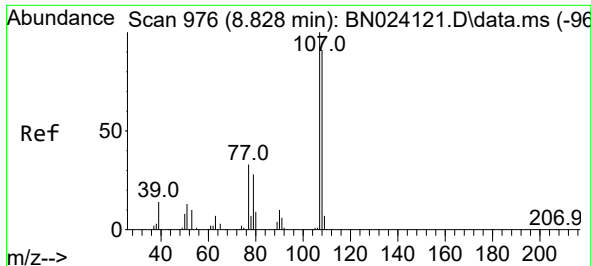
Tgt Ion:105 Resp: 170310
Ion Ratio Lower Upper
105 100
77 77.7 61.4 92.0
51 30.9 23.8 35.8



#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 :

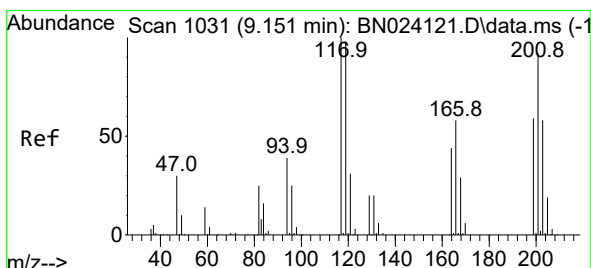
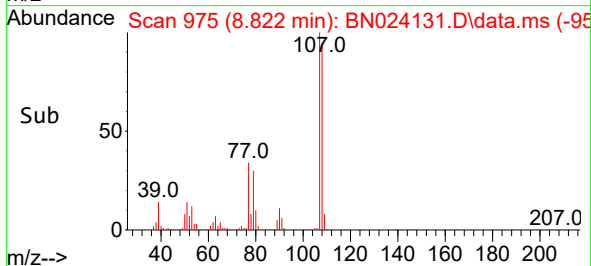
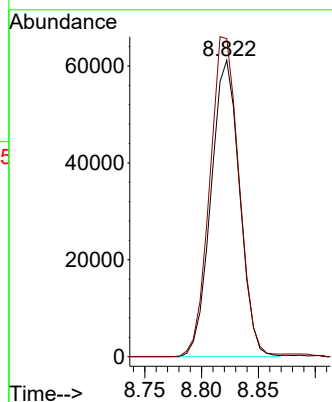
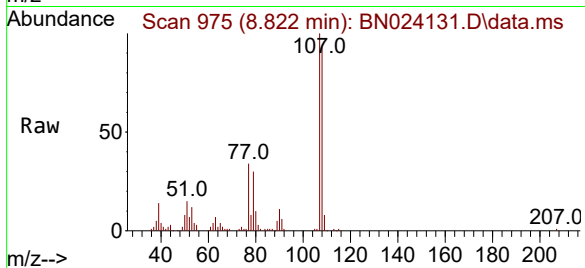
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:108 Resp: 107157

Ion Ratio Lower Upper

108 100

107 107.4 87.8 131.6



#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

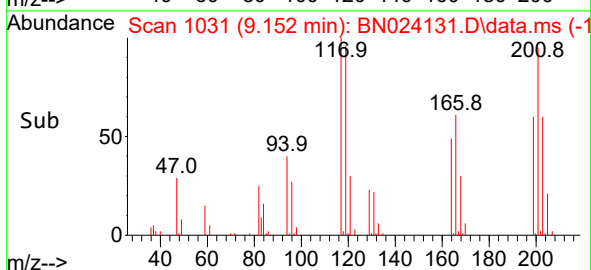
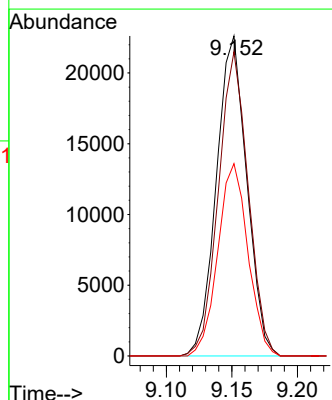
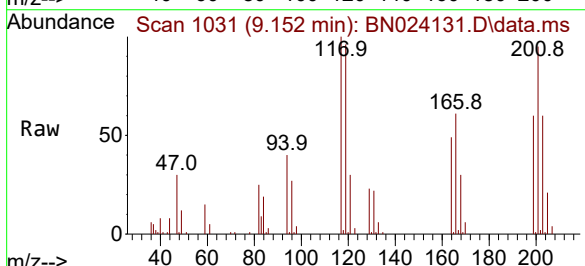
Tgt Ion:117 Resp: 36439

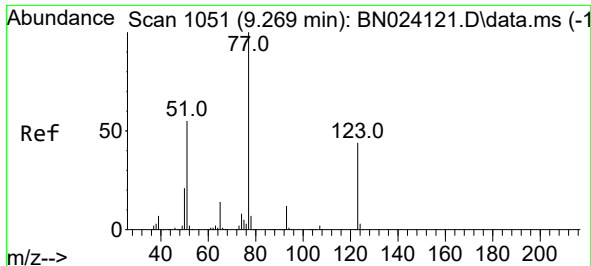
Ion Ratio Lower Upper

117 100

201 95.0 73.8 110.6

199 60.1 47.2 70.8

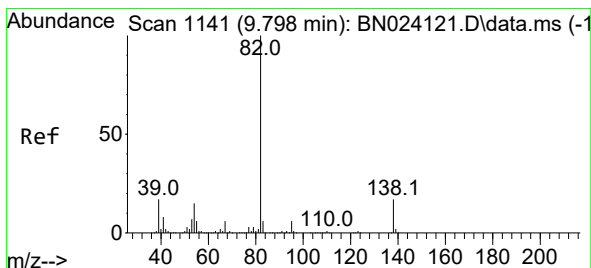
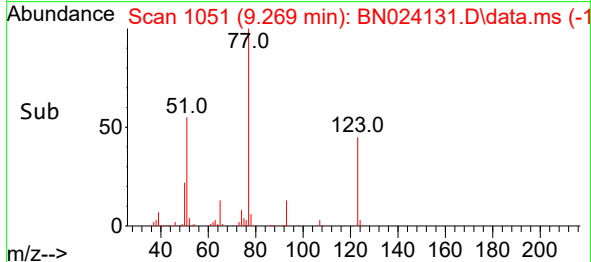
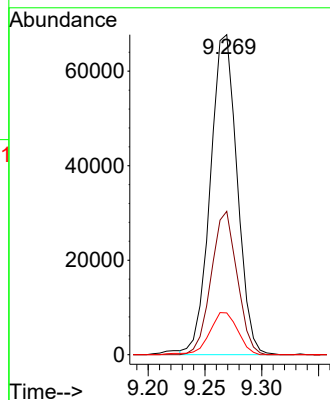
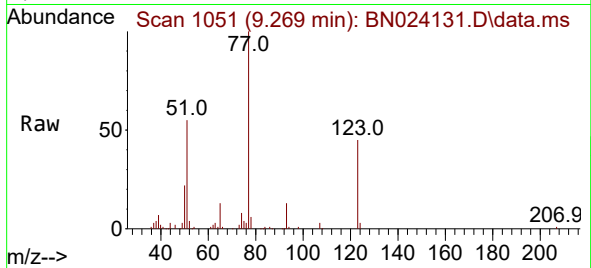




#22
Nitrobenzene
Concen: 5.048 ng/ul
RT: 9.269 min Scan# 110
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

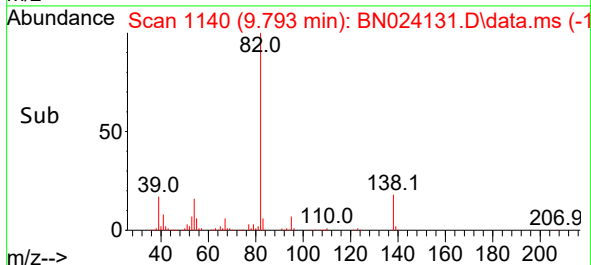
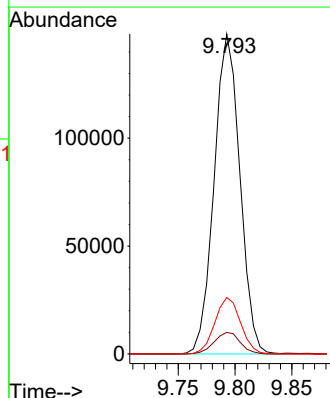
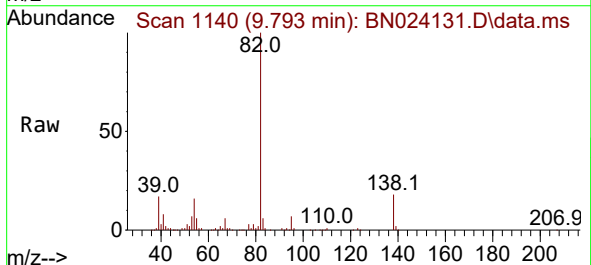
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

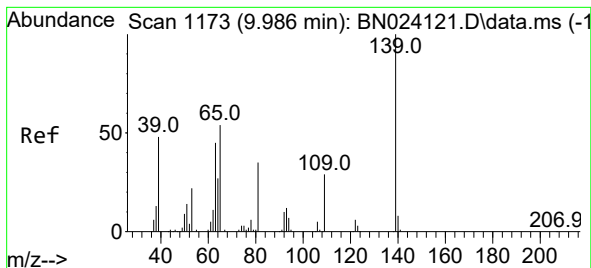
Tgt Ion: 77 Resp: 111455
Ion Ratio Lower Upper
77 100
123 44.8 34.8 52.2
65 13.1 11.0 16.4



#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# 1172

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

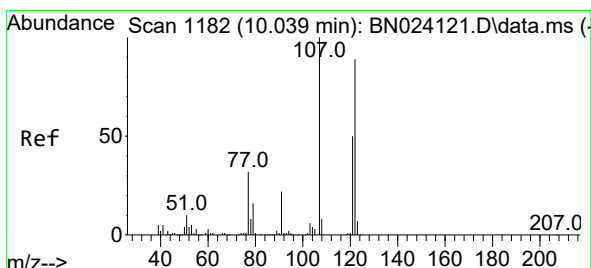
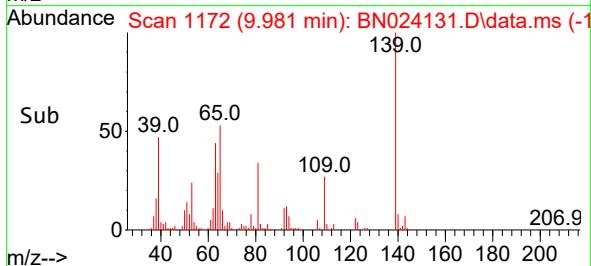
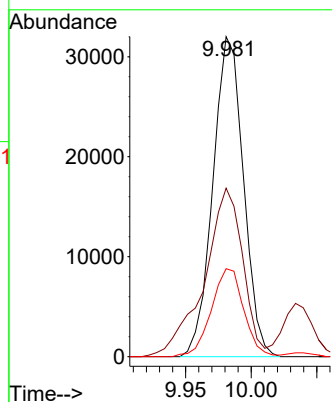
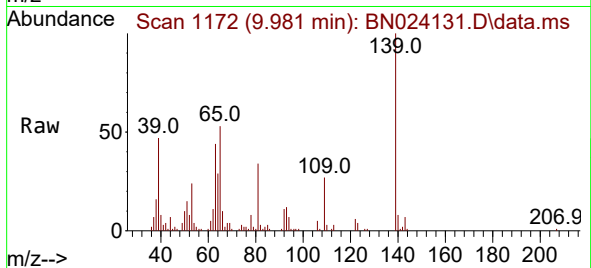
Tgt Ion:139 Resp: 51883

Ion Ratio Lower Upper

139 100

65 52.6 44.5 66.7

109 27.5 23.4 35.2



#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

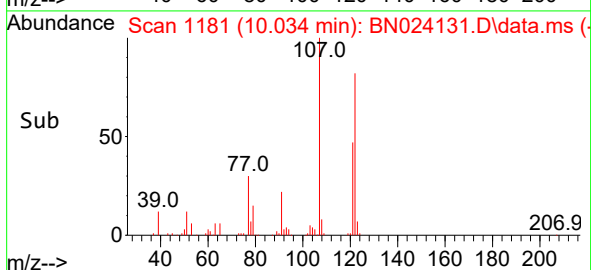
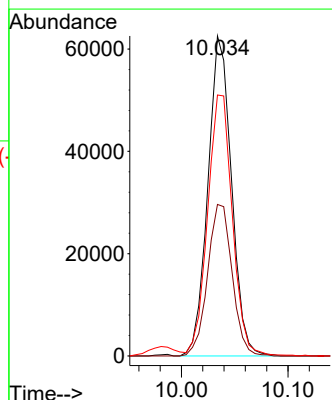
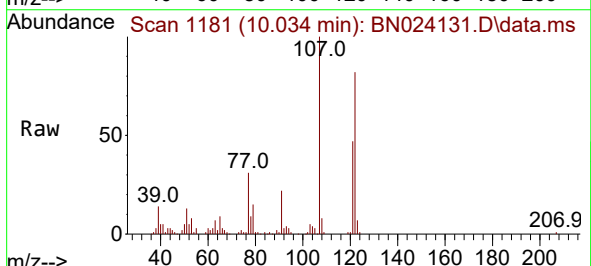
Tgt Ion:107 Resp: 96326

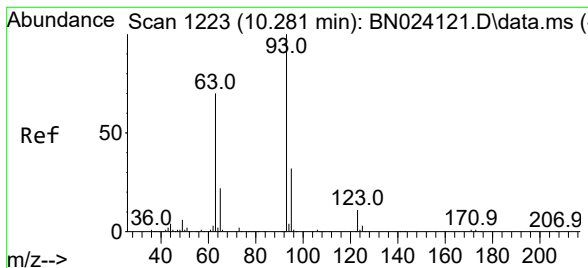
Ion Ratio Lower Upper

107 100

121 47.4 40.2 60.2

122 81.6 71.8 107.8



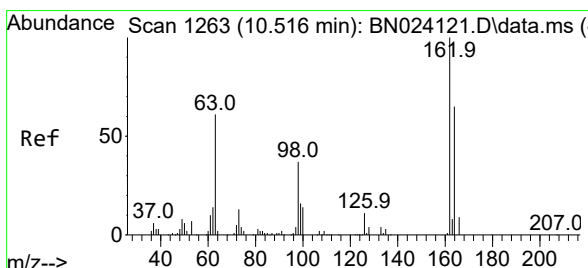
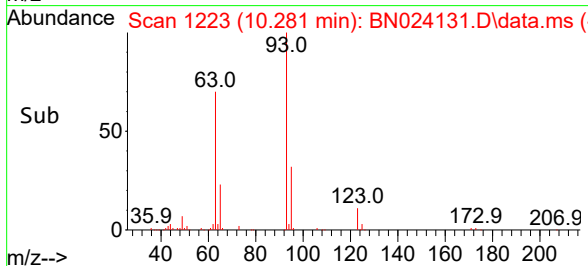
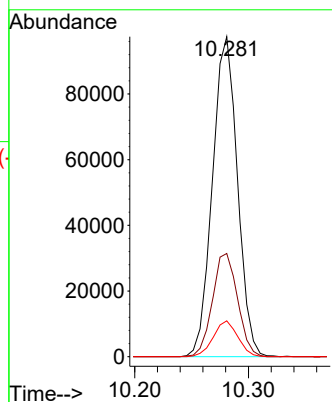
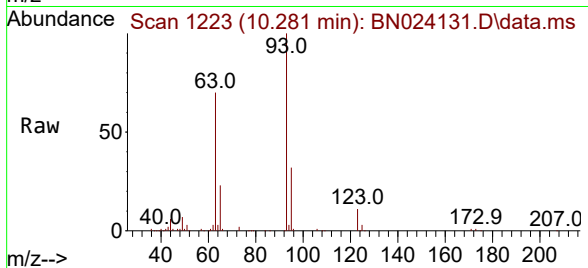


#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.973 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: BN024131.D
 Acq: 06 Mar 2023 12:24

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

Tgt Ion: 93 Resp: 149013

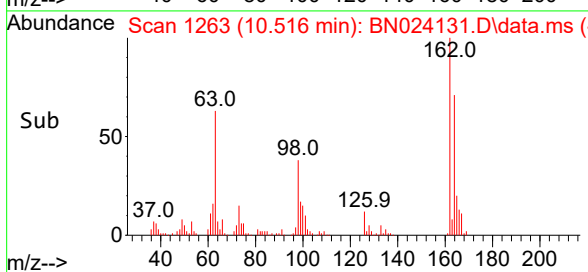
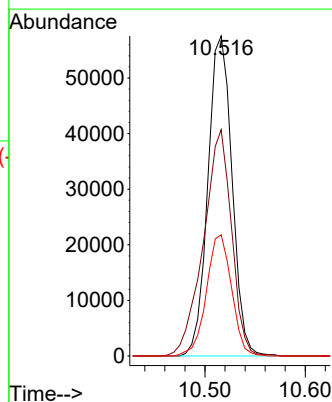
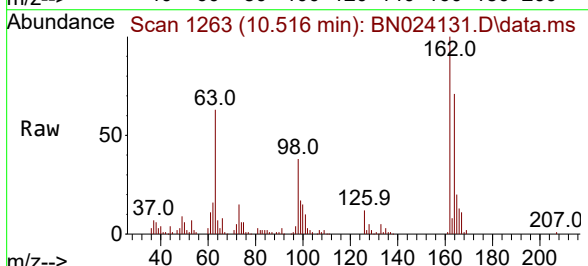
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	11.2	8.6	12.8

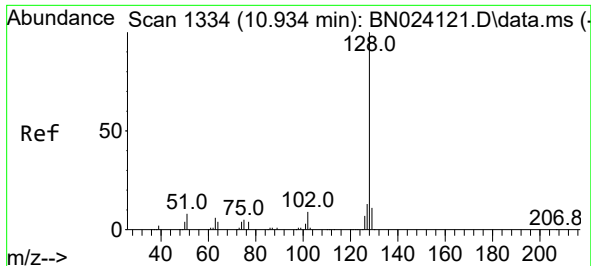


#29
 2,4-Dichlorophenol
 Concen: 4.969 ng/ul
 RT: 10.516 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BN024131.D
 Acq: 06 Mar 2023 12:24

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

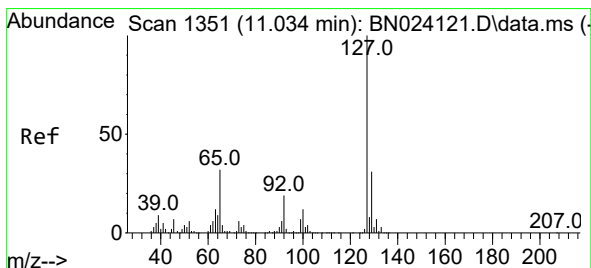
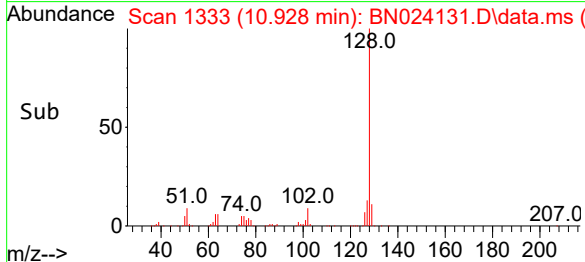
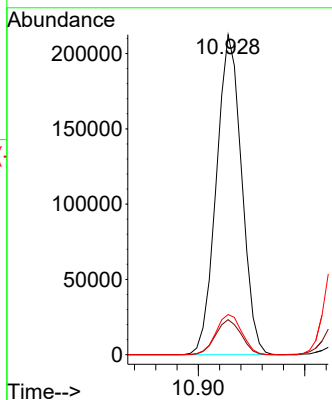
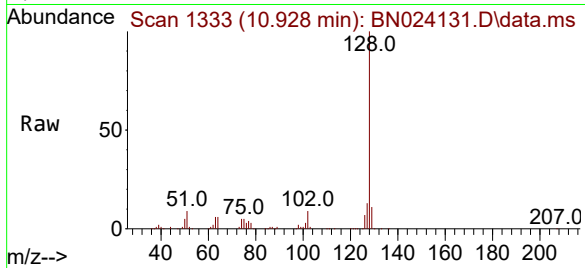




#30
Naphthalene
Concen: 5.058 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

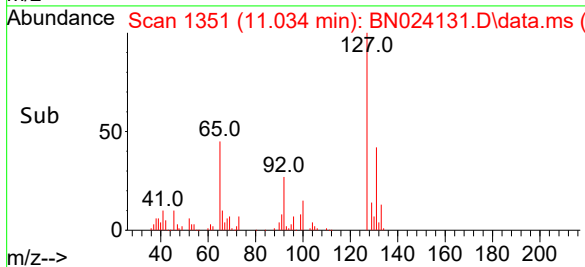
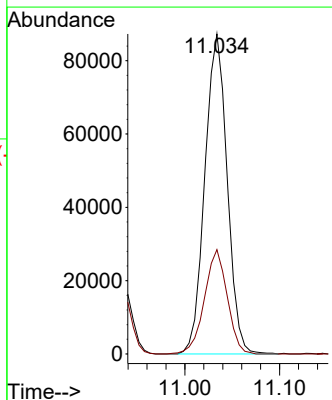
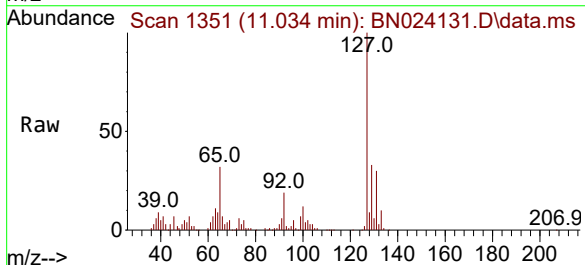
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

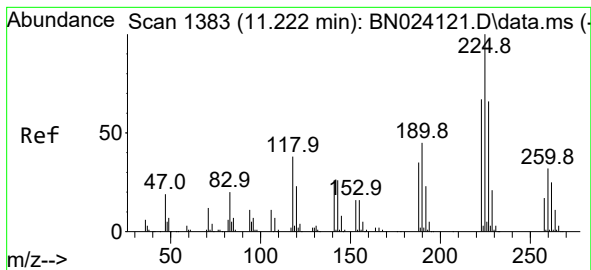
Tgt Ion:128 Resp: 349794
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.1 15.1



#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# 11

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

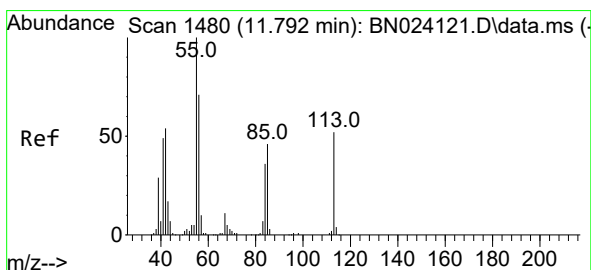
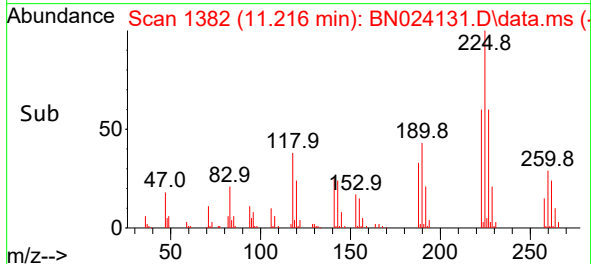
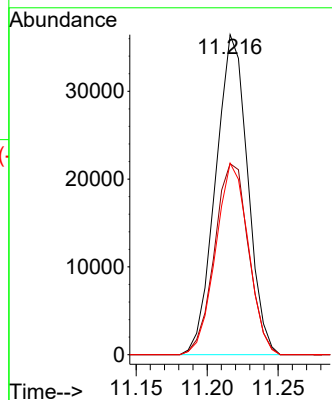
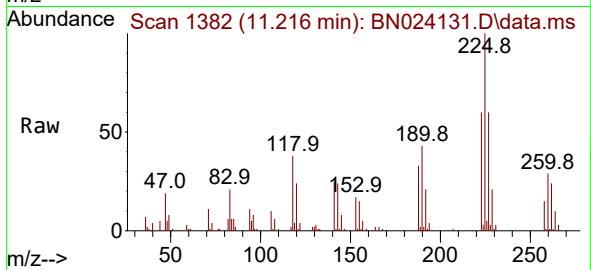
Tgt Ion:225 Resp: 57277

Ion Ratio Lower Upper

225 100

223 59.7 53.6 80.4

227 59.8 53.0 79.4



#34

Caprolactam

Concen: 5.198 ng/ul

RT: 11.804 min Scan# 1482

Delta R.T. 0.012 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

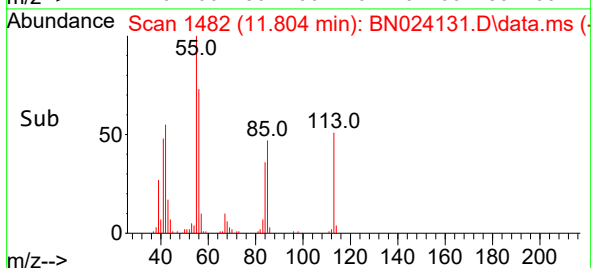
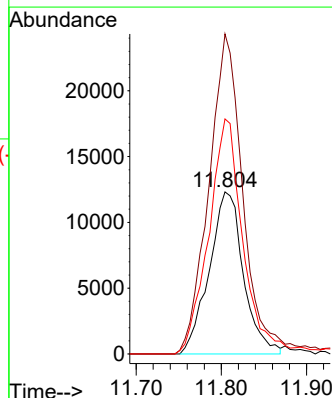
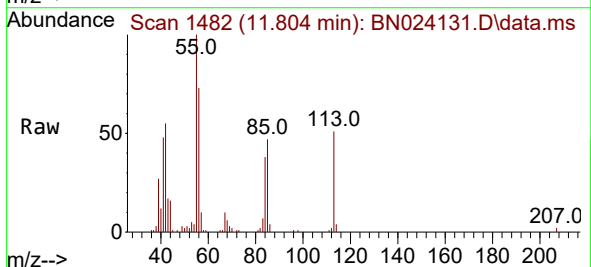
Tgt Ion:113 Resp: 34336

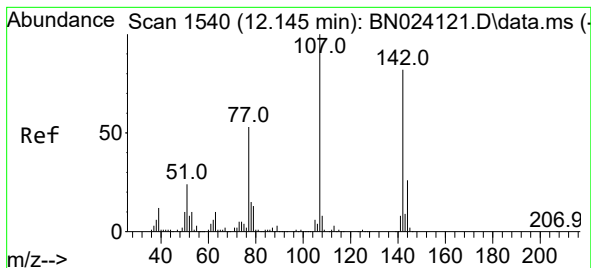
Ion Ratio Lower Upper

113 100

55 197.4 155.4 233.2

56 145.0 111.0 166.6

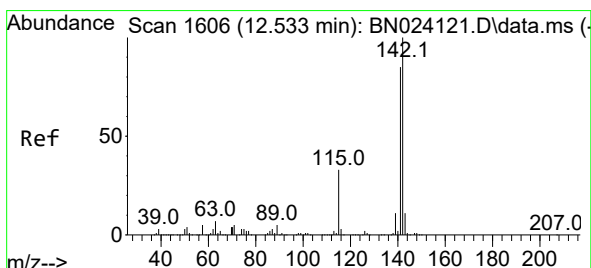
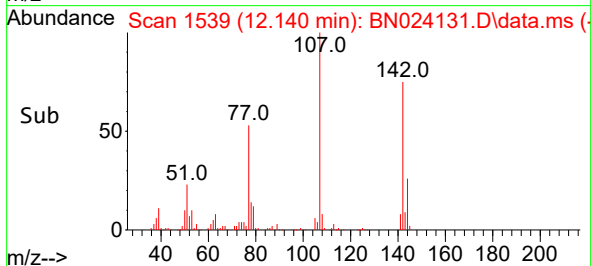
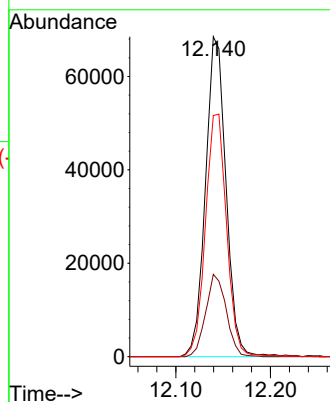
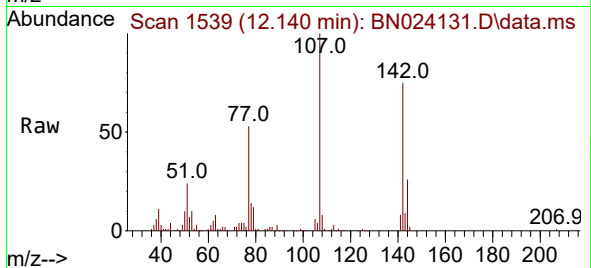




#35
4-Chloro-3-methylphenol
Concen: 4.836 ng/ul
RT: 12.140 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

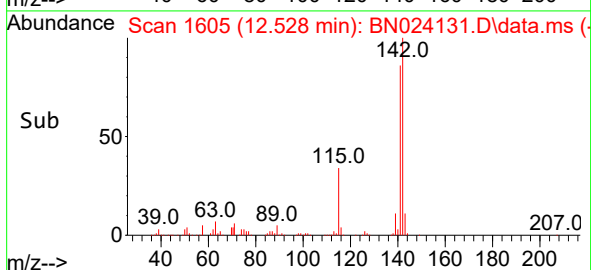
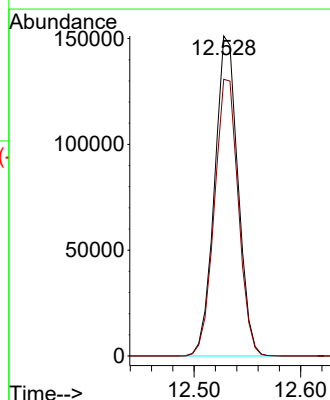
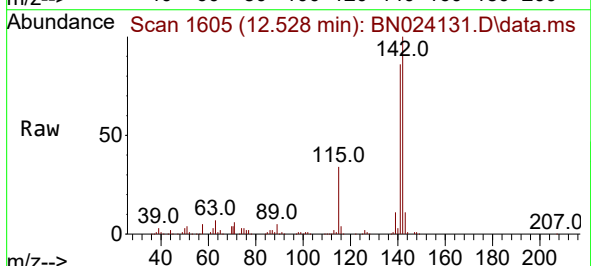
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

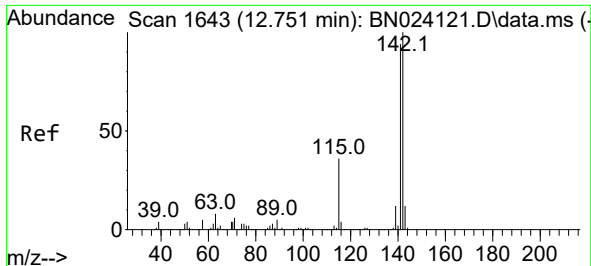
Tgt Ion:107 Resp: 103210
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 75.4 65.7 98.5



#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# 1

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

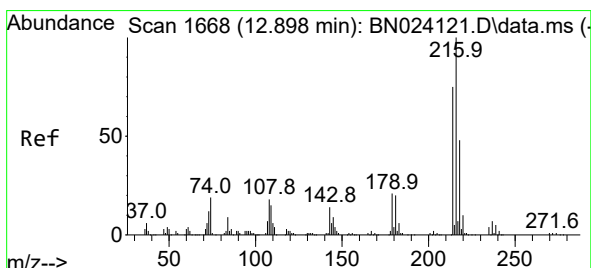
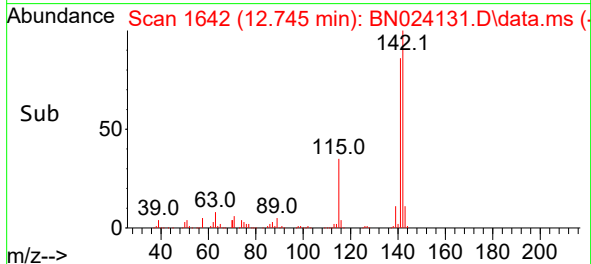
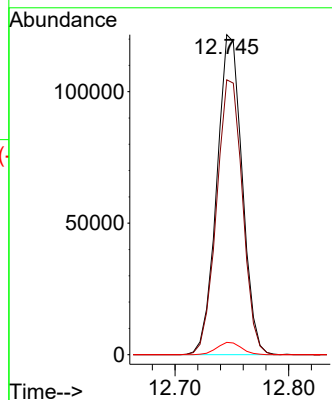
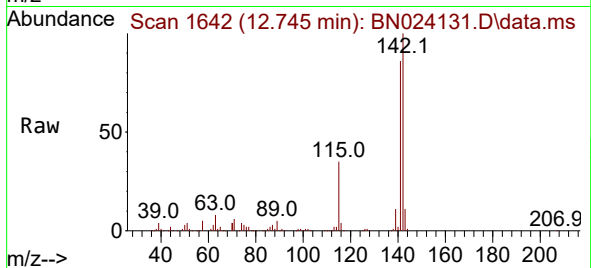
Tgt Ion:142 Resp: 188716

Ion Ratio Lower Upper

142 100

141 85.9 75.5 113.3

116 3.9 3.1 4.7



#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

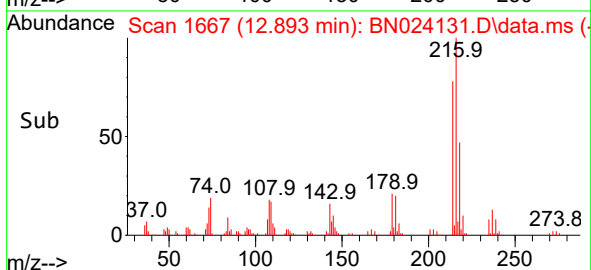
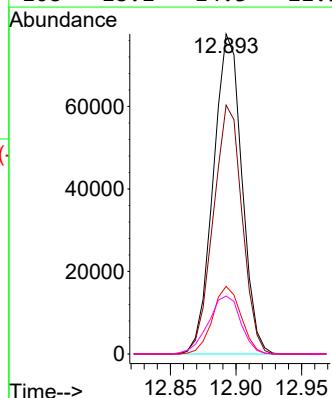
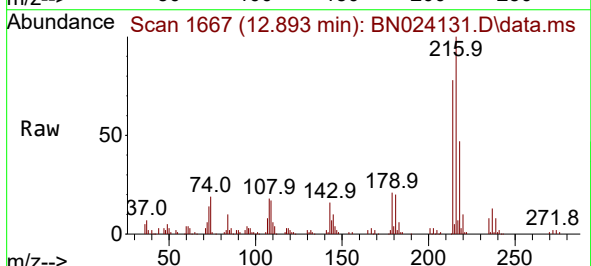
Ion Ratio Lower Upper

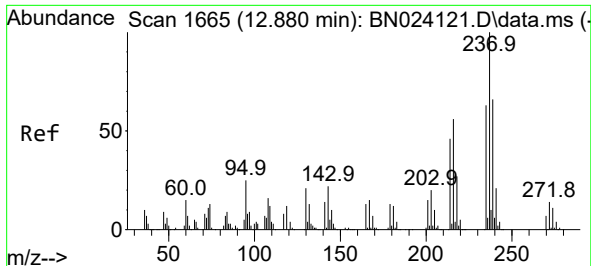
216 100

214 77.8 60.0 90.0

179 21.1 17.0 25.6

108 18.1 14.3 21.5

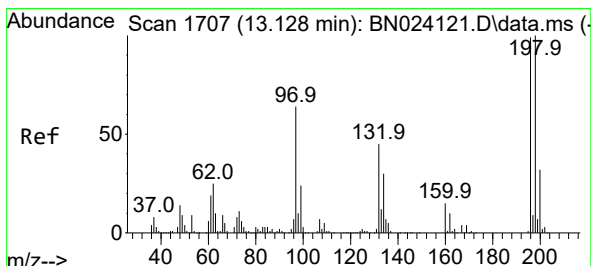
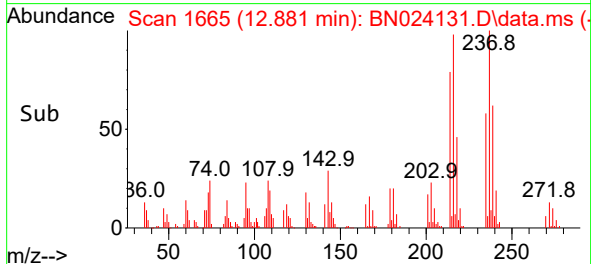
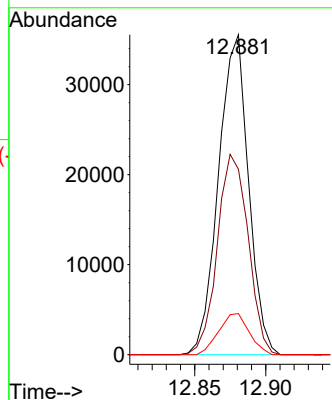
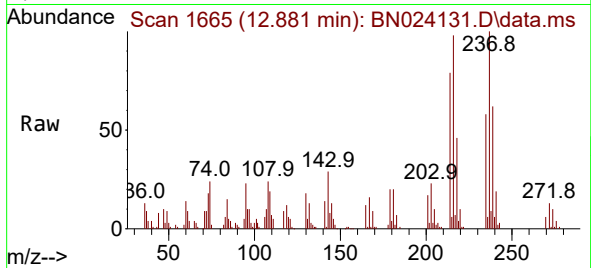




#40
Hexachlorocyclopentadiene
Concen: 4.249 ng/ul
RT: 12.881 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

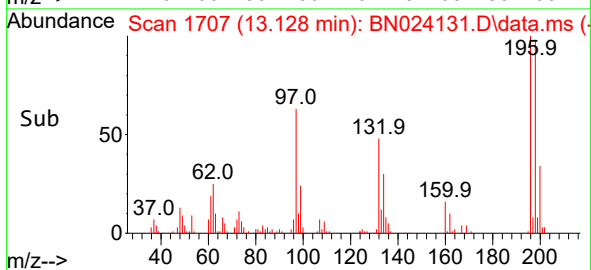
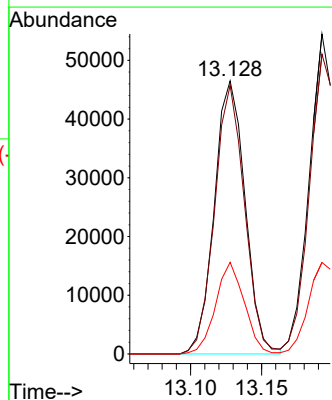
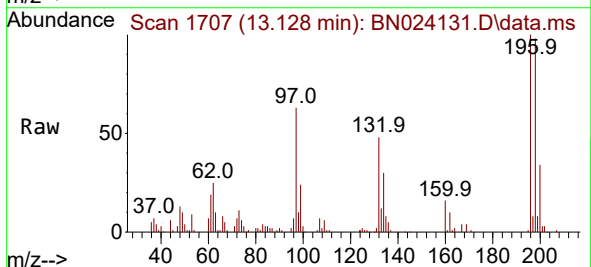
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

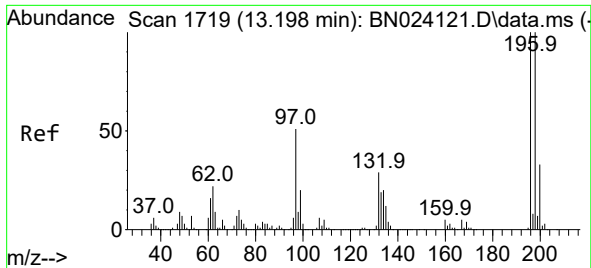
Tgt Ion:237 Resp: 52232
Ion Ratio Lower Upper
237 100
235 58.0 50.1 75.1
272 12.8 11.1 16.7



#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

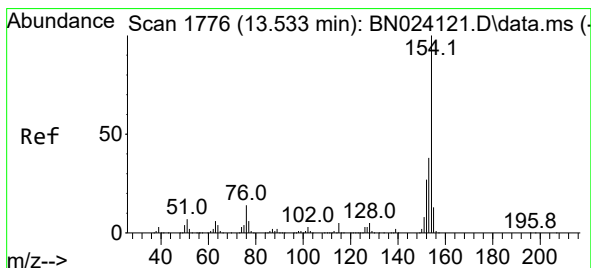
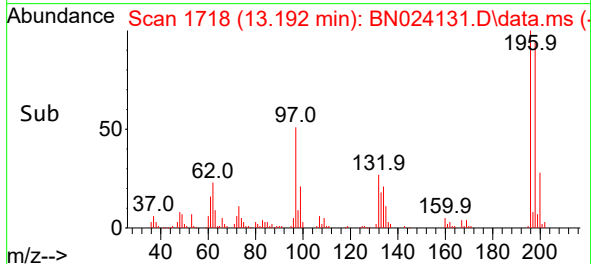
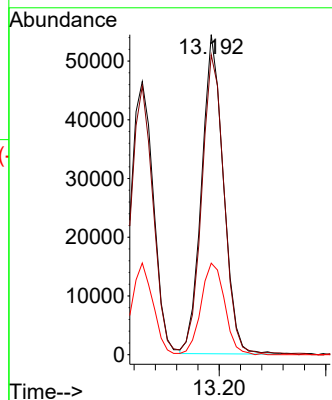
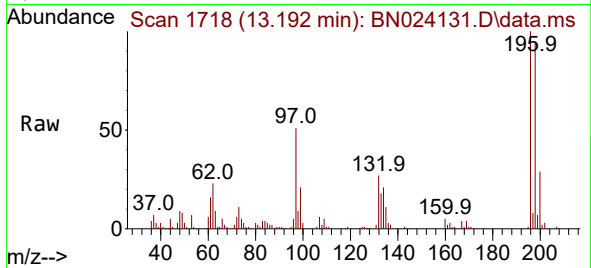




#42
2,4,5-Trichlorophenol
Concen: 4.801 ng/ul
RT: 13.192 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

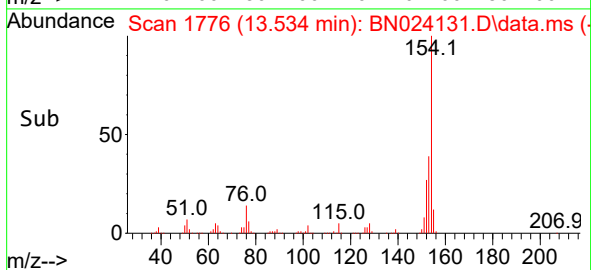
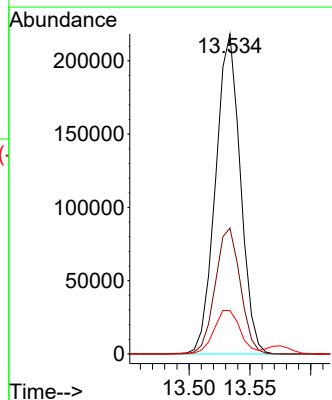
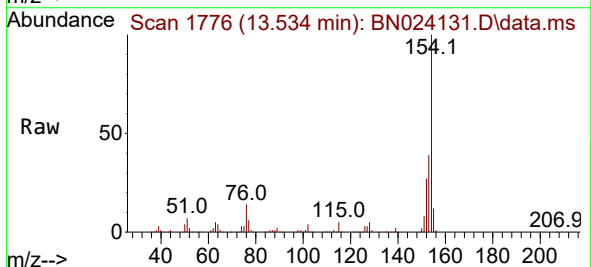
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

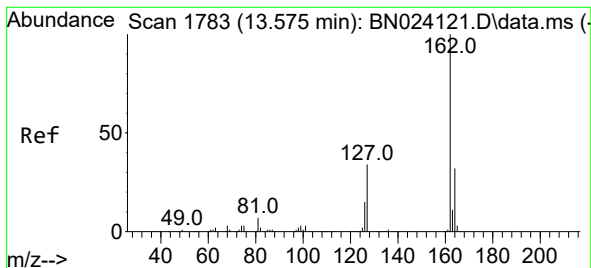
Tgt Ion:196 Resp: 77259
Ion Ratio Lower Upper
196 100
198 93.7 79.7 119.5
200 28.6 26.1 39.1



#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# 11

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

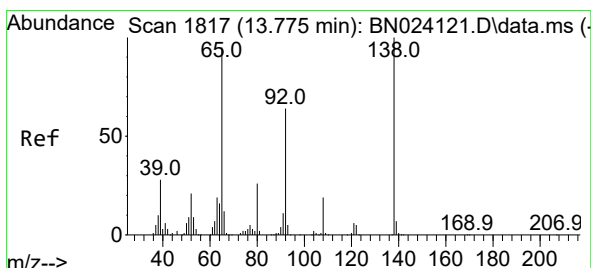
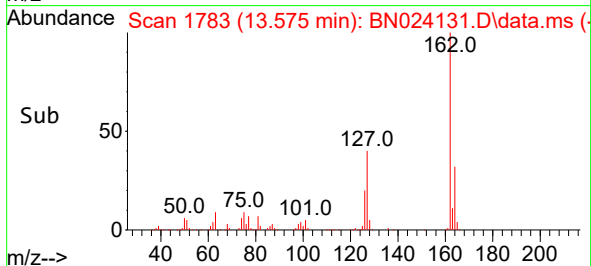
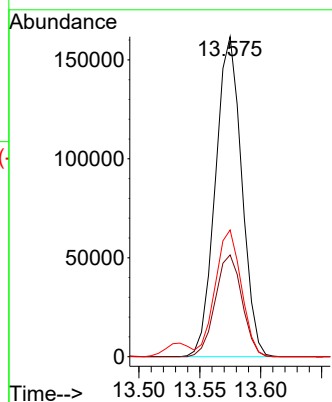
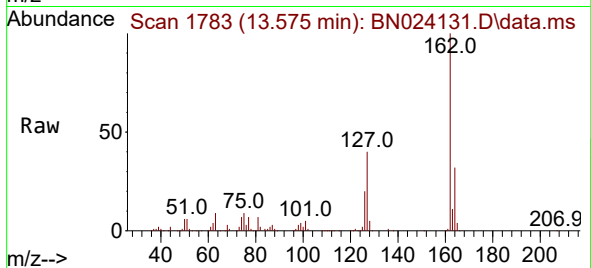
Tgt Ion:162 Resp: 243220

Ion Ratio Lower Upper

162 100

164 31.8 25.8 38.6

127 39.6 30.8 46.2



#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

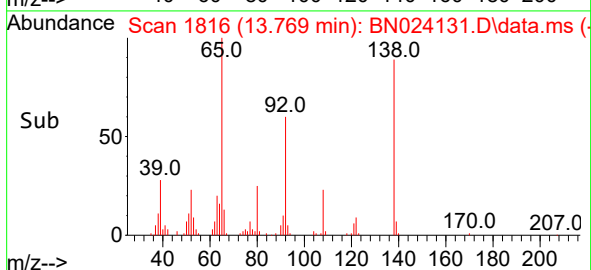
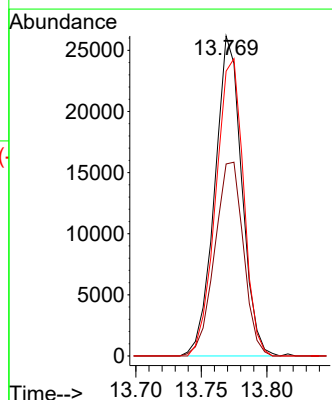
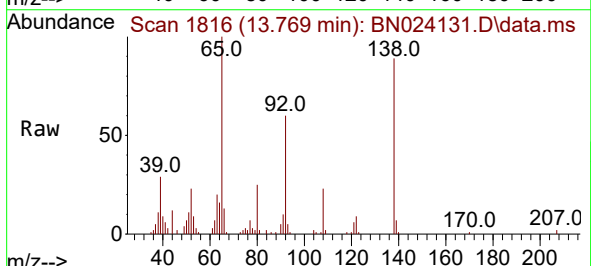
Tgt Ion: 65 Resp: 37481

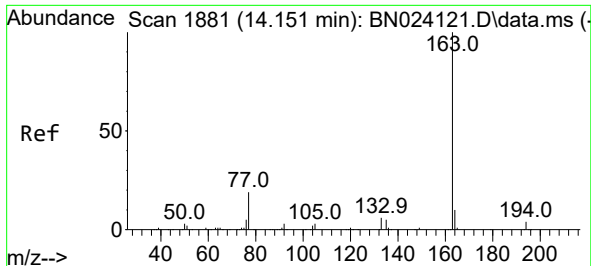
Ion Ratio Lower Upper

65 100

92 60.0 53.8 80.8

138 89.0 84.1 126.1

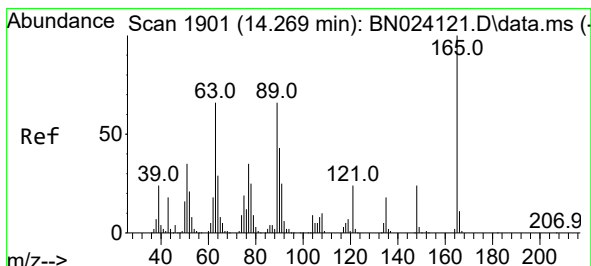
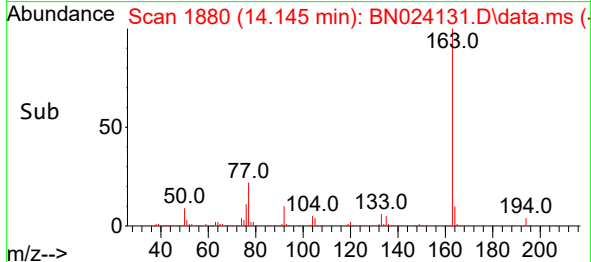
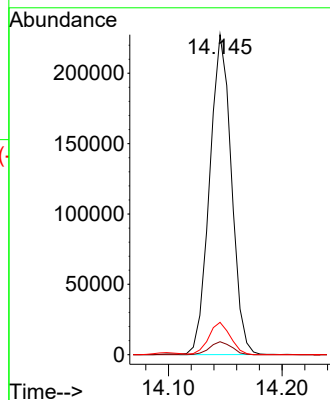
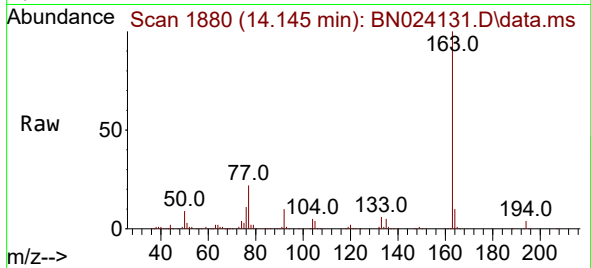




#47
Dimethylphthalate
Concen: 5.135 ng/ul
RT: 14.145 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

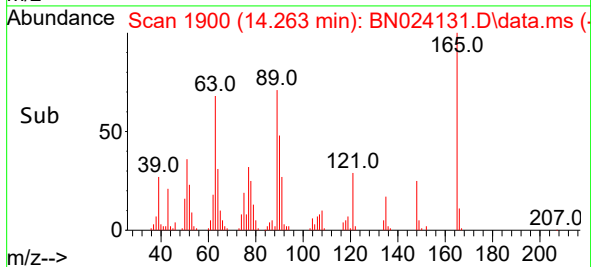
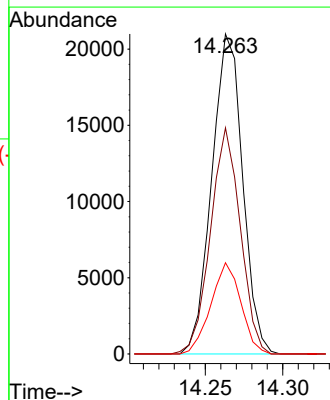
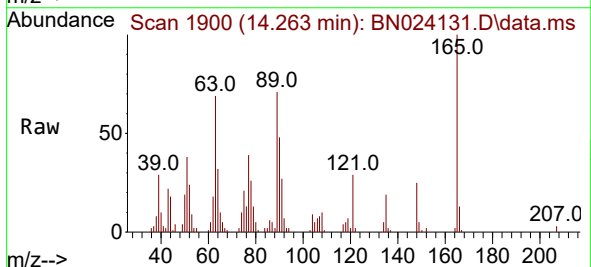
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

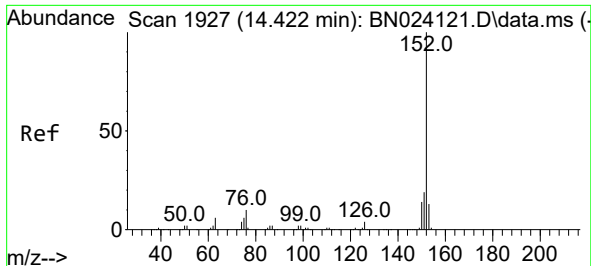
Tgt Ion:163 Resp: 302763
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1



#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

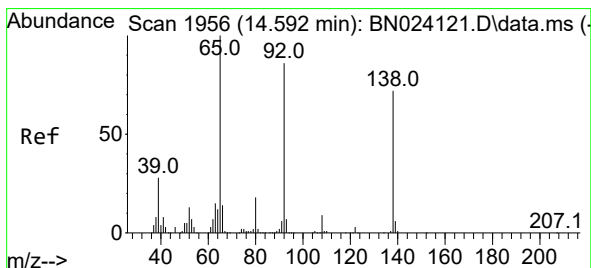
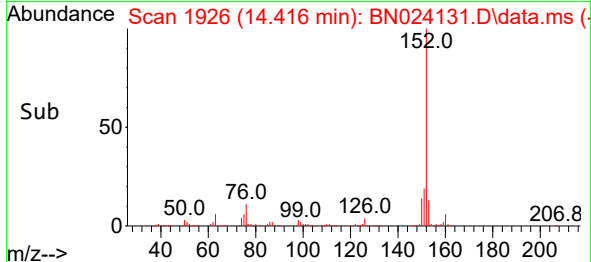
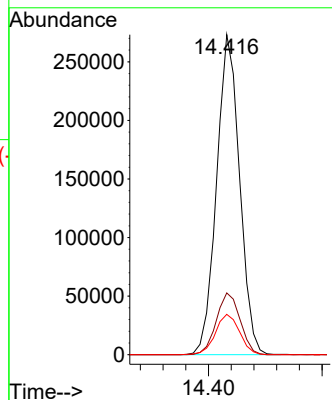
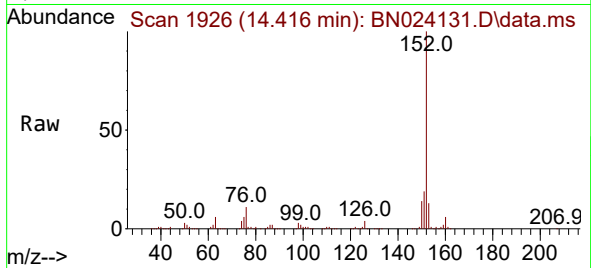




#50
Acenaphthylene
Concen: 5.238 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

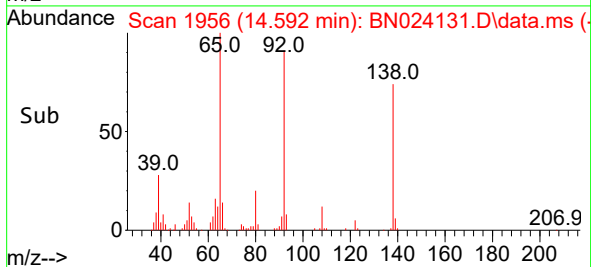
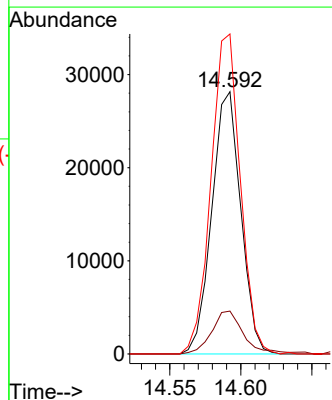
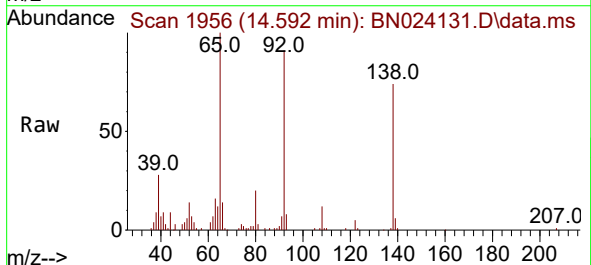
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

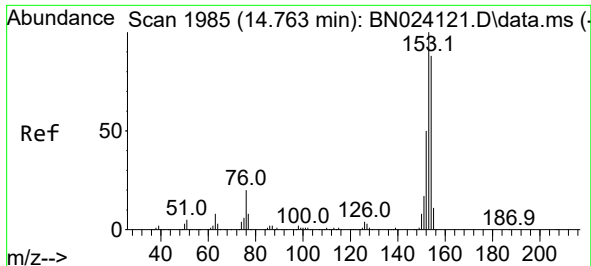
Tgt Ion:152 Resp: 384398
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 12.6 10.1 15.1



#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

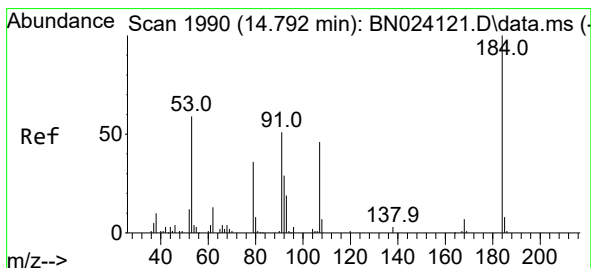
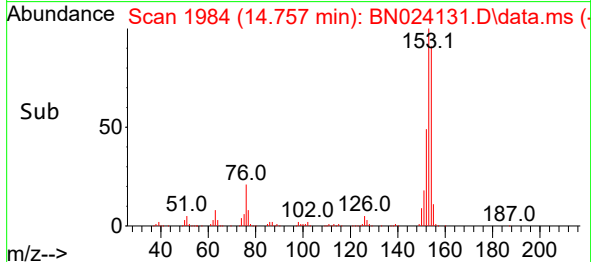
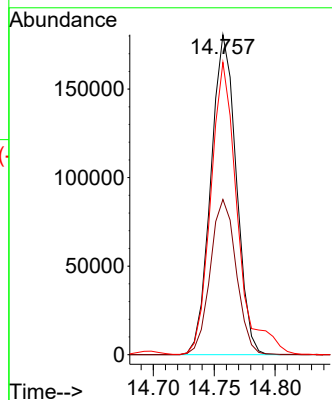
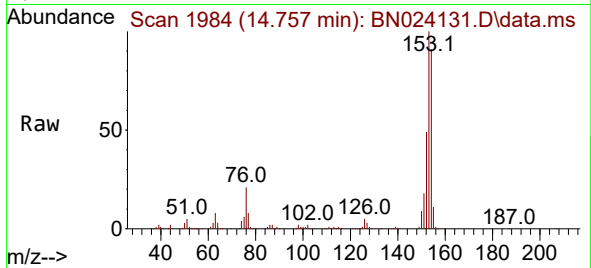




#52
Acenaphthene
Concen: 5.234 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

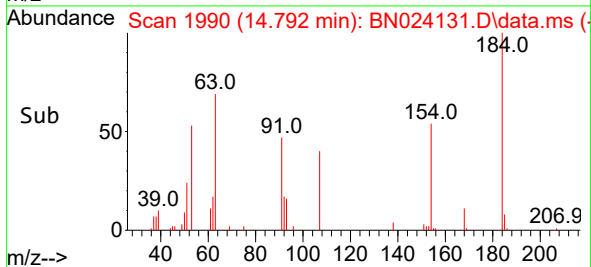
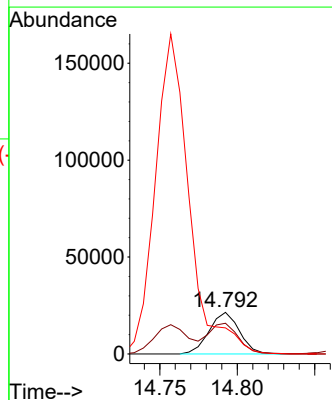
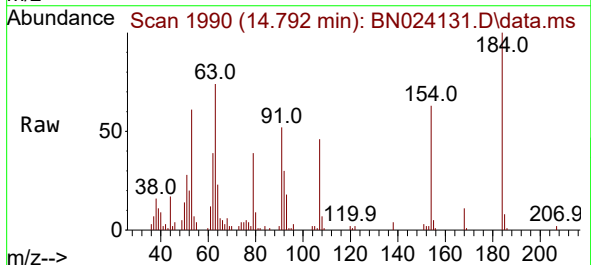
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

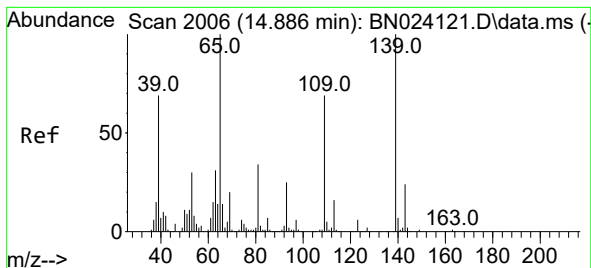
Tgt Ion:153 Resp: 262007
Ion Ratio Lower Upper
153 100
152 48.5 39.7 59.5
154 91.4 70.6 106.0



#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

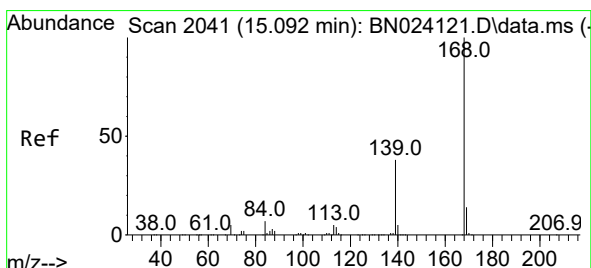
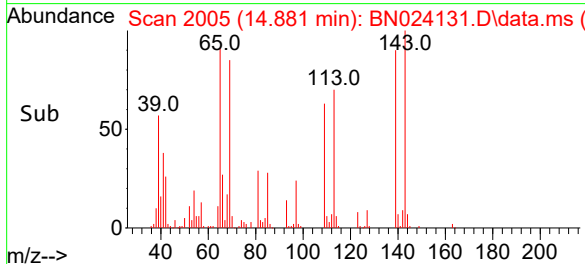
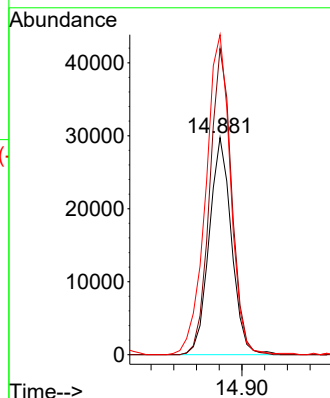
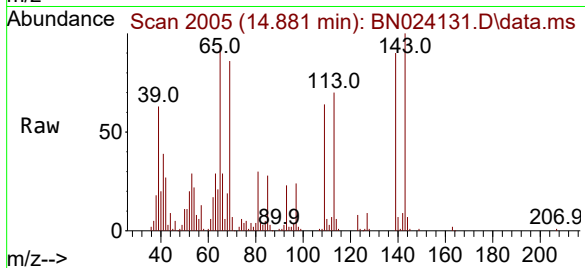
Tgt Ion:109 Resp: 40531

Ion Ratio Lower Upper

109 100

139 141.0 115.0 172.4

65 147.3 115.7 173.5



#56

Dibenzofuran

Concen: 5.286 ng/ul

RT: 15.092 min Scan# 2041

Delta R.T. -0.000 min

Lab File: BN024131.D

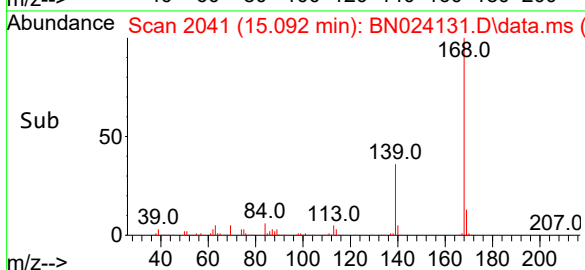
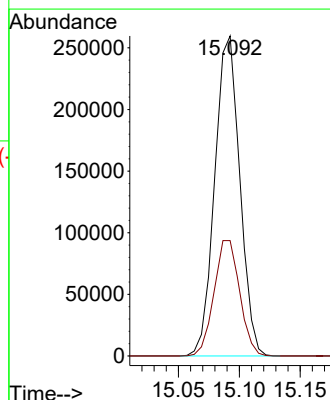
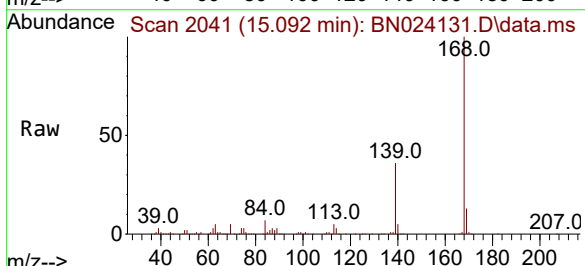
Acq: 06 Mar 2023 12:24

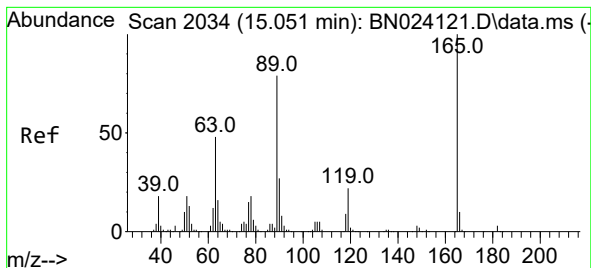
Tgt Ion:168 Resp: 371724

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# 2034

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

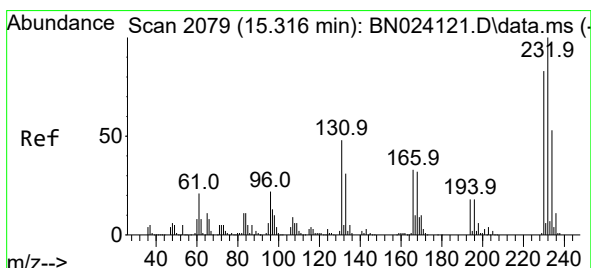
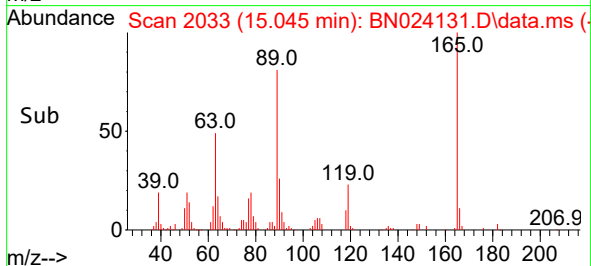
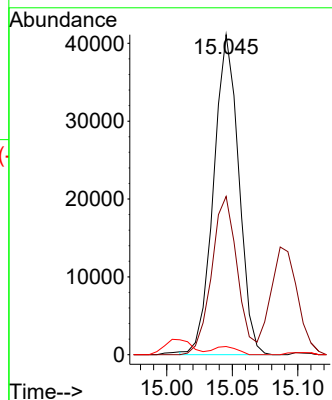
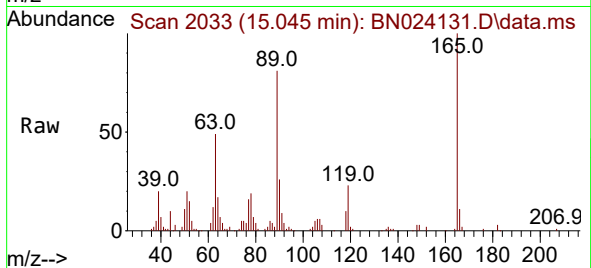
Tgt Ion:165 Resp: 54705

Ion Ratio Lower Upper

165 100

63 49.4 38.5 57.7

182 2.6 2.2 3.4



#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

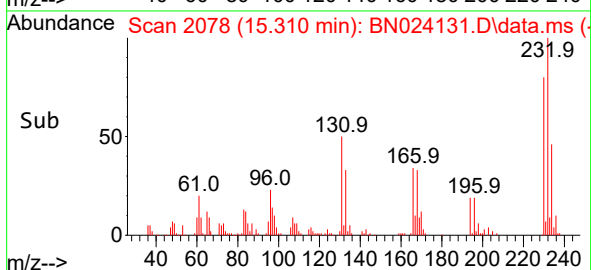
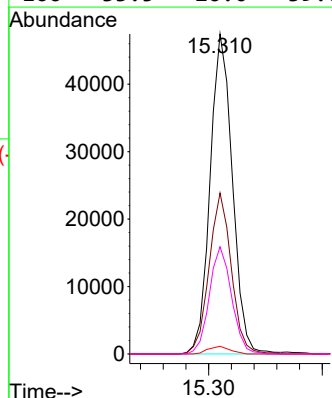
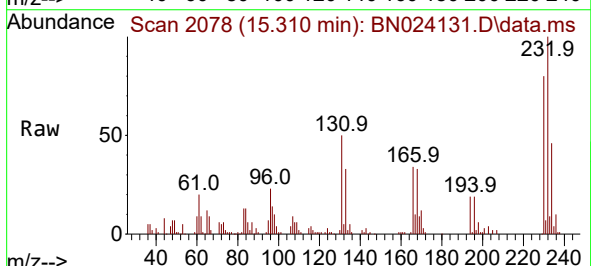
Ion Ratio Lower Upper

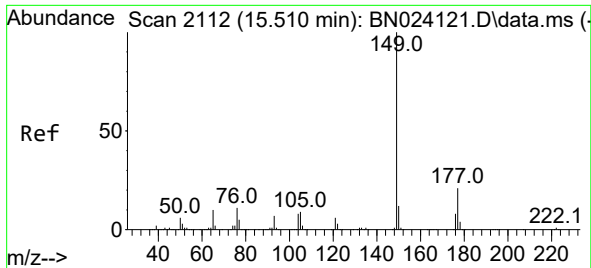
232 100

131 50.3 38.5 57.7

130 2.4 2.0 3.0

166 33.5 26.0 39.0

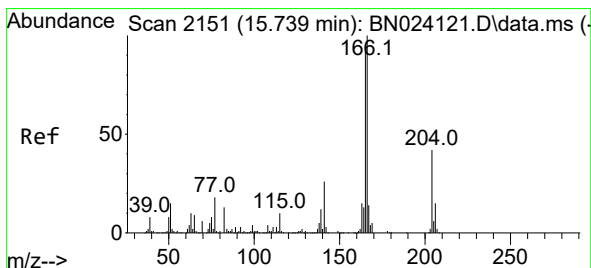
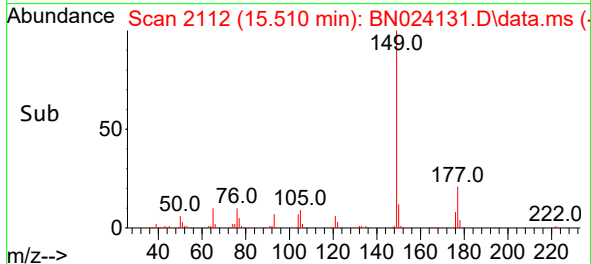
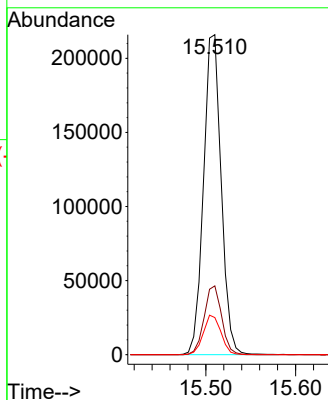
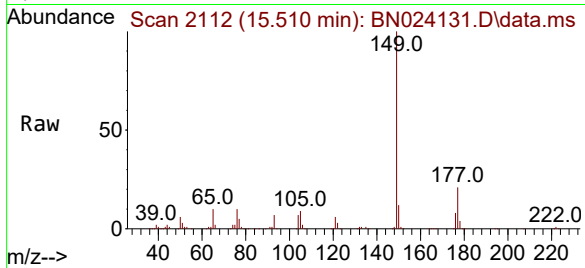




#59
Diethylphthalate
Concen: 5.021 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

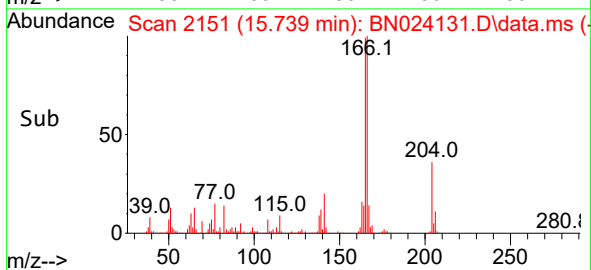
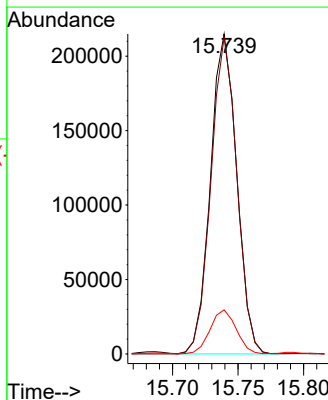
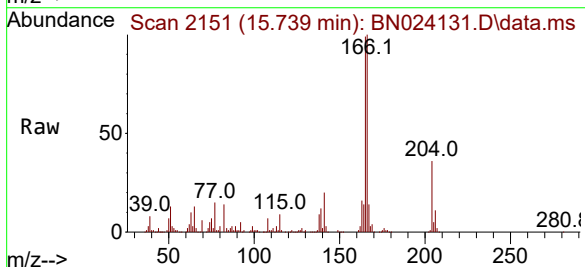
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-01

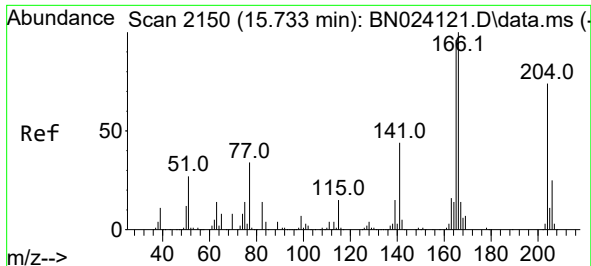
Tgt Ion:149 Resp: 295108
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 11.6 9.7 14.5



#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

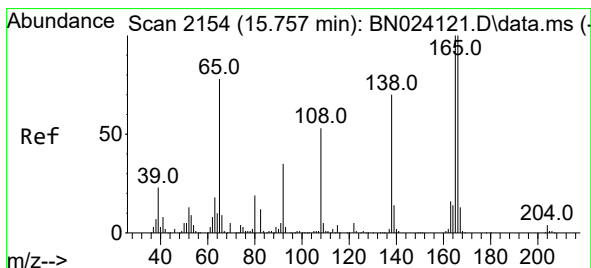
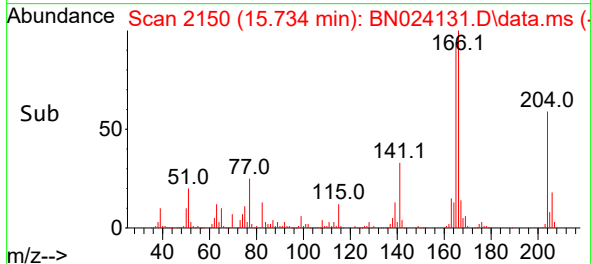
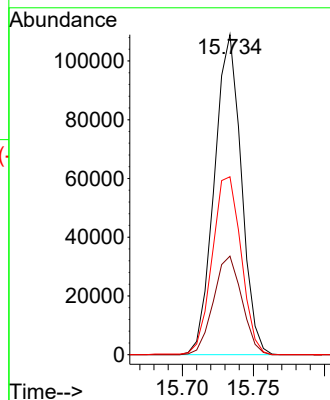
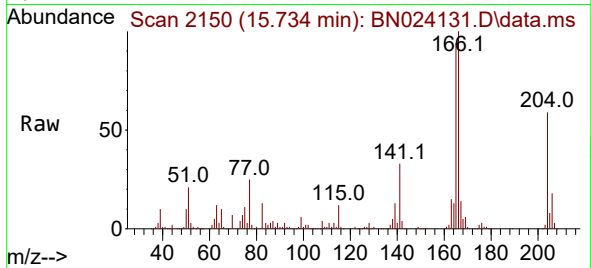




#62
4-Chlorophenyl-phenylether
Concen: 5.466 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

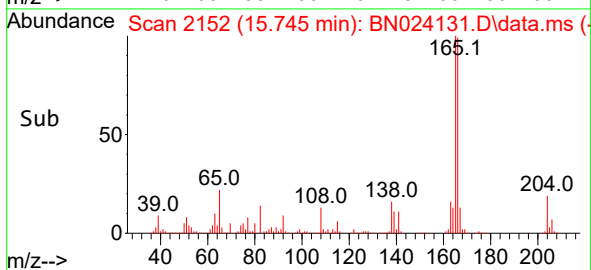
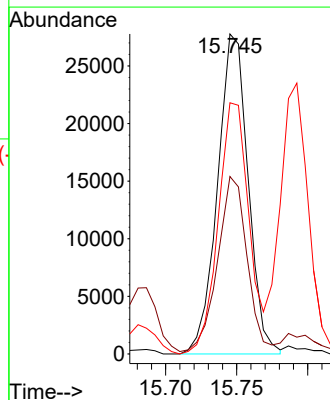
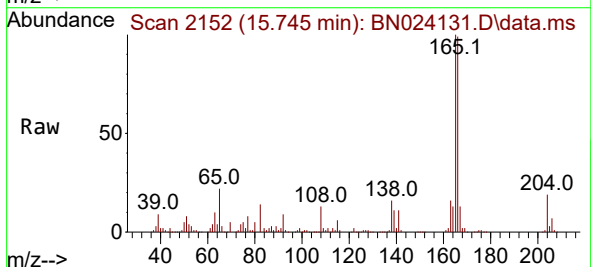
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

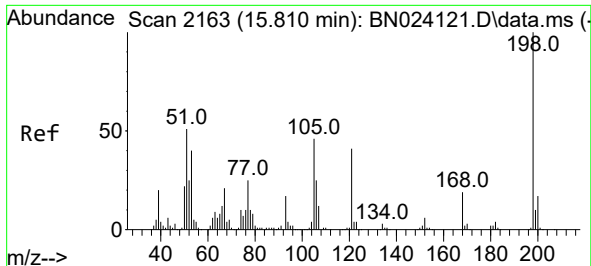
Tgt Ion:204 Resp: 143983
Ion Ratio Lower Upper
204 100
206 30.8 27.1 40.7
141 55.6 47.4 71.0



#63
4-Nitroaniline
Concen: 4.078 ng/ul
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: 41602
Ion Ratio Lower Upper
138 100
92 55.4 40.0 60.0
108 78.5 60.4 90.6

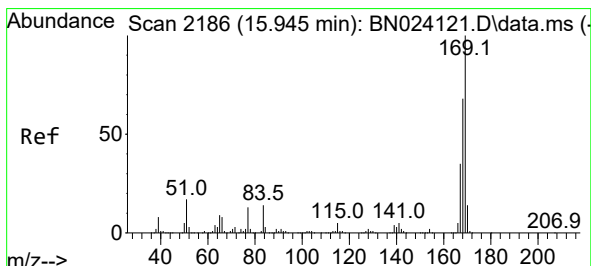
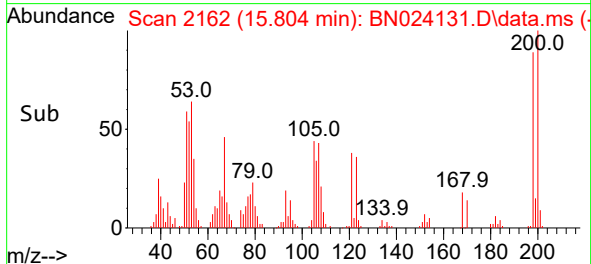
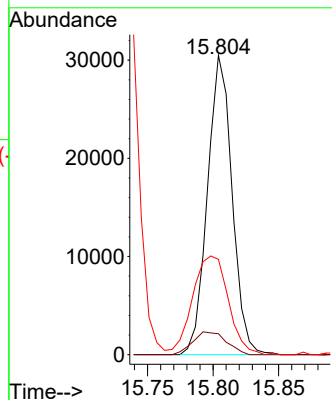
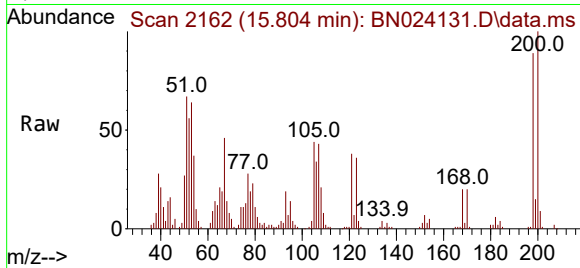




#66
4,6-Dinitro-2-methylphenol
Concen: 4.620 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

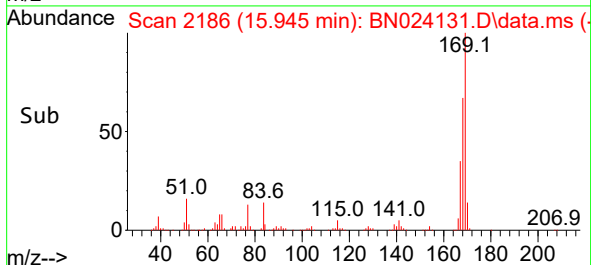
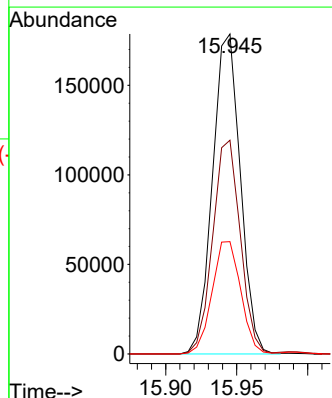
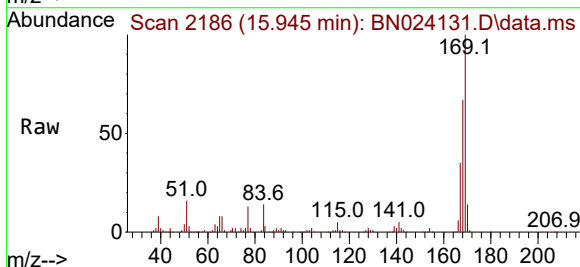
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

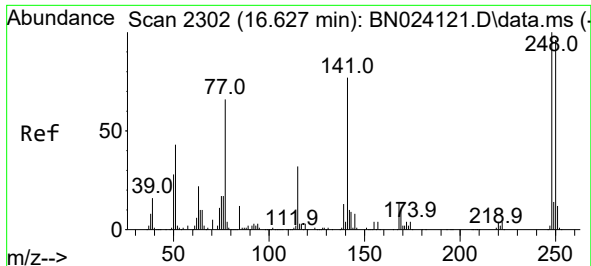
Tgt Ion:198 Resp: 39875
Ion Ratio Lower Upper
198 100
182 7.0 3.4 5.0#
77 31.9 20.4 30.6#



#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

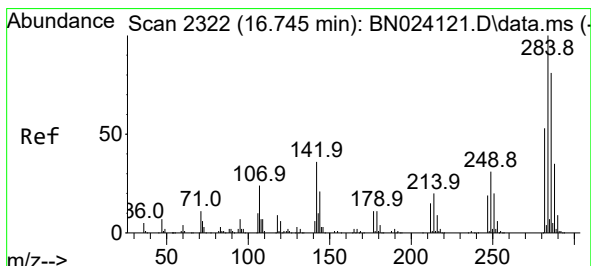
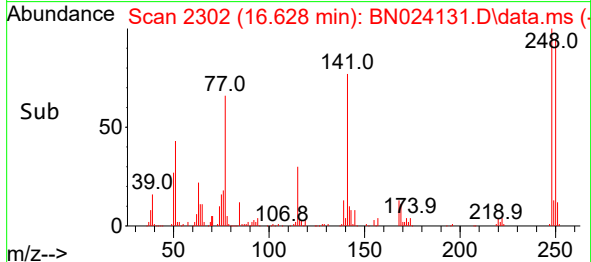
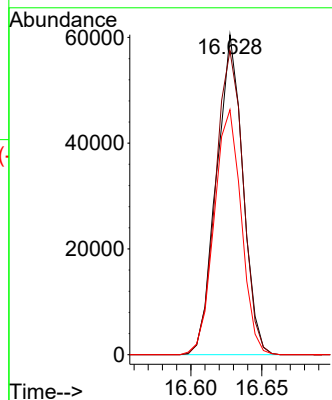
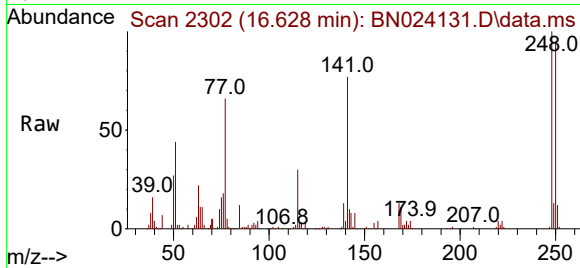




#68
4-Bromophenyl-phenylether
Concen: 4.968 ng/ul
RT: 16.628 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

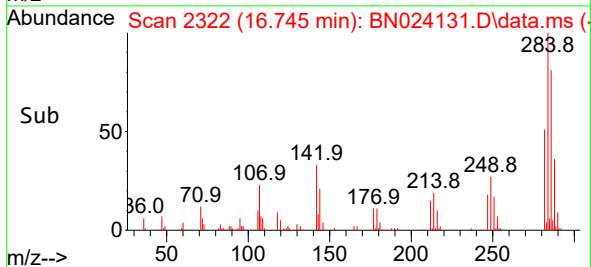
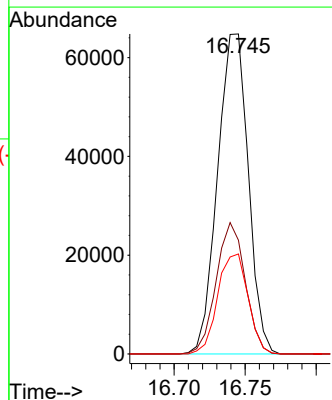
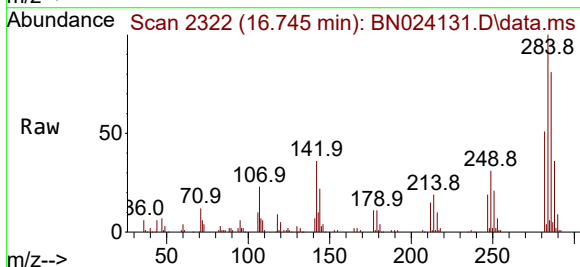
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

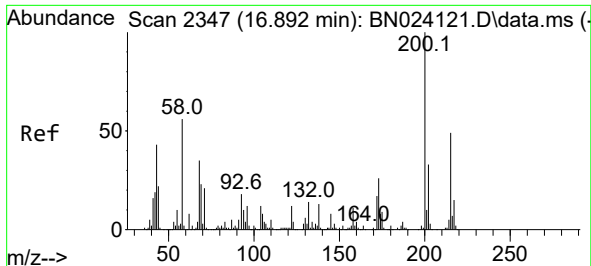
Tgt Ion:248 Resp: 78229
Ion Ratio Lower Upper
248 100
250 95.0 76.6 115.0
141 76.5 61.4 92.0



#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

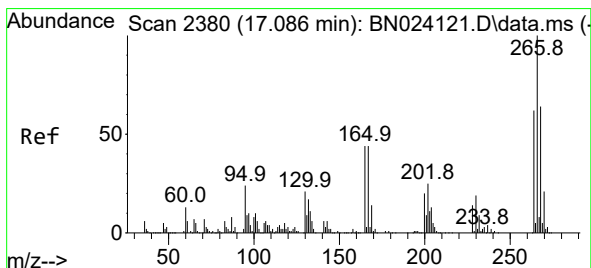
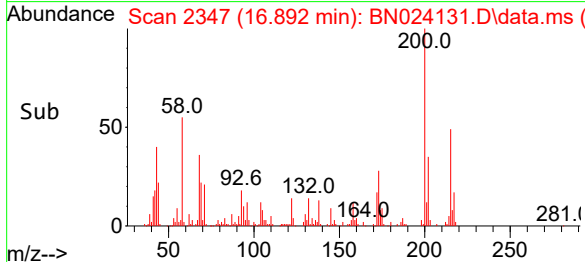
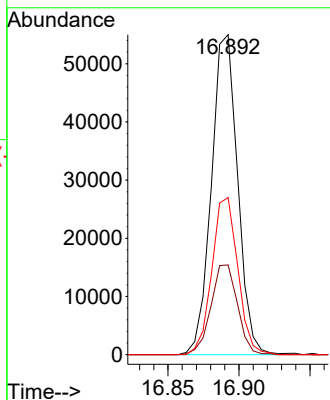
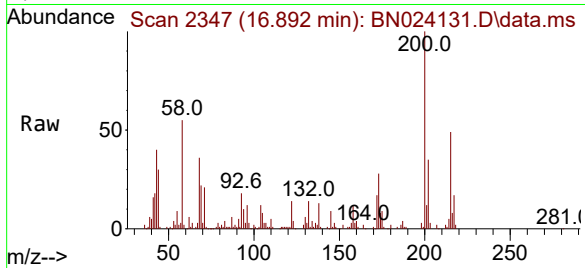




#70
Atrazine
Concen: 4.452 ng/ul
RT: 16.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

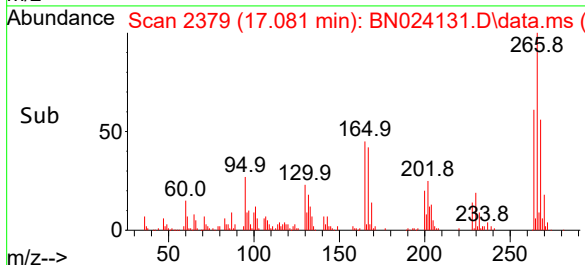
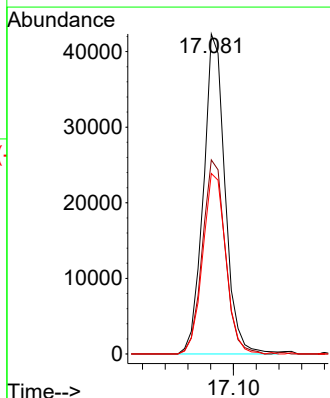
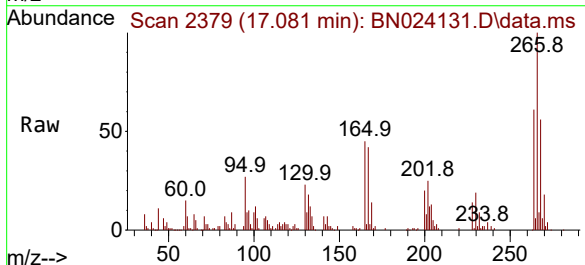
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

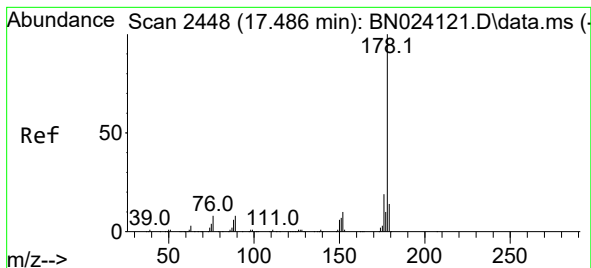
Tgt Ion:200 Resp: 70681
Ion Ratio Lower Upper
200 100
173 28.1 20.7 31.1
215 49.1 38.8 58.2



#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/ul

RT: 17.480 min Scan# 2448

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

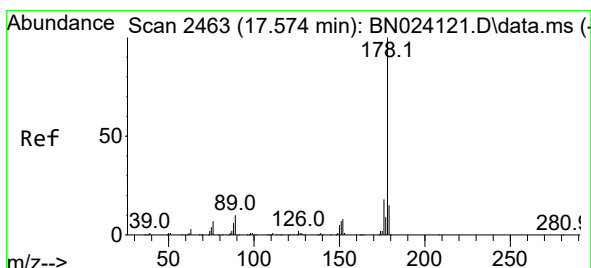
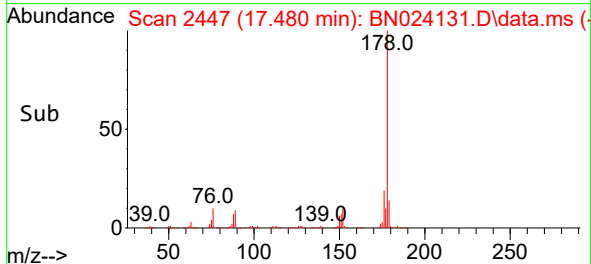
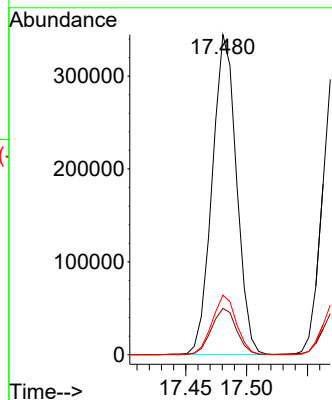
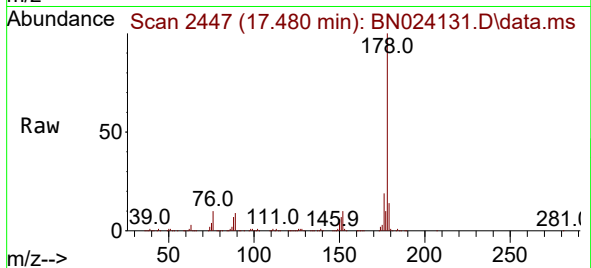
Tgt Ion:178 Resp: 478357

Ion Ratio Lower Upper

178 100

179 14.5 11.6 17.4

176 18.6 14.9 22.3



#74

Anthracene

Concen: 5.157 ng/ul

RT: 17.575 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

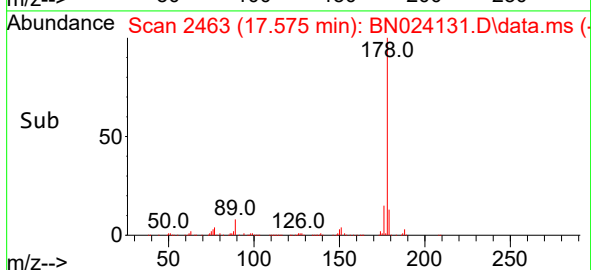
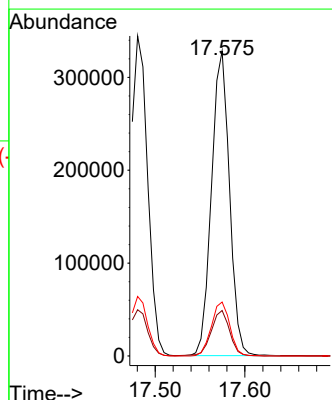
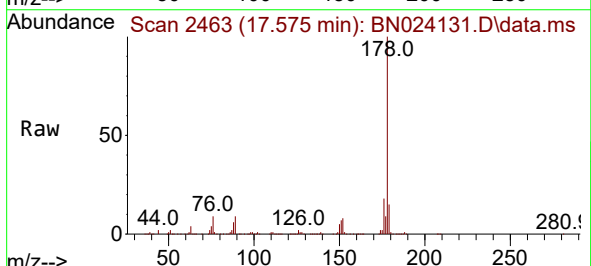
Tgt Ion:178 Resp: 456215

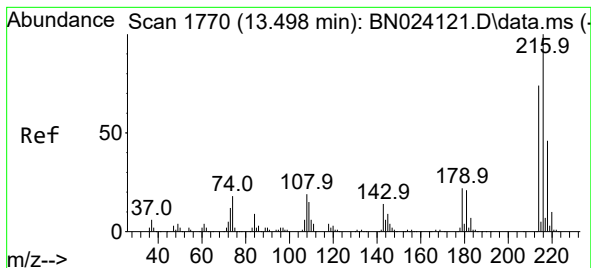
Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 17.7 14.6 21.8

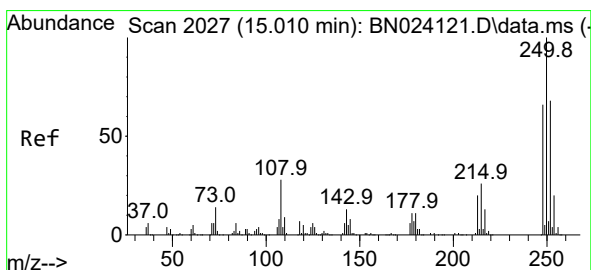
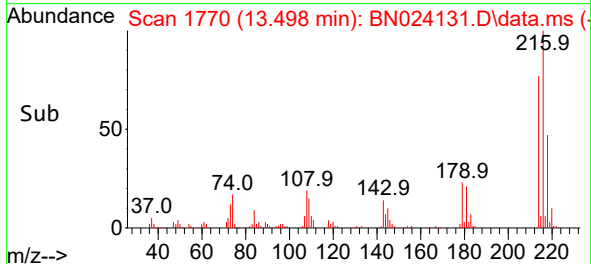
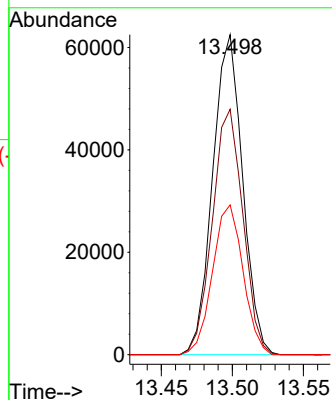
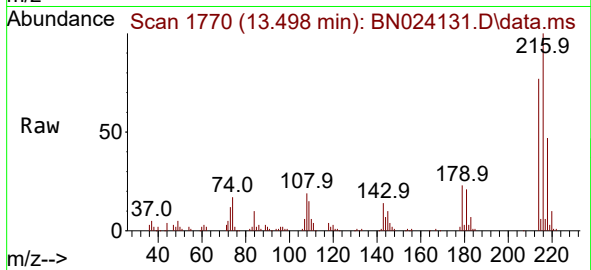




#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.969 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

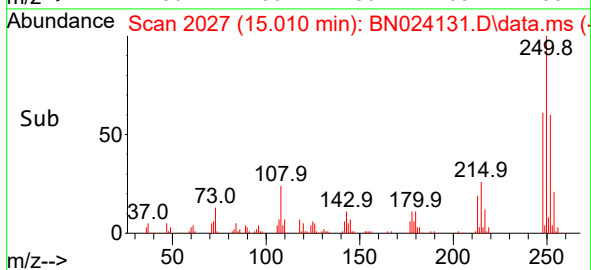
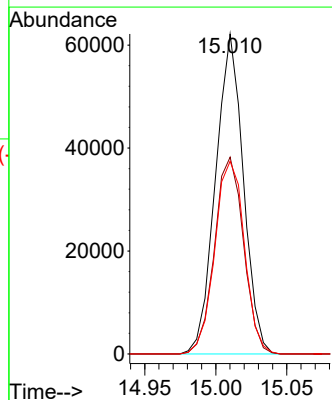
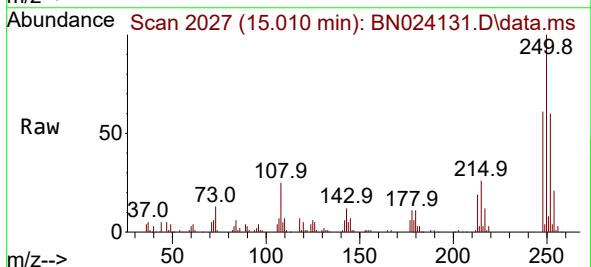
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

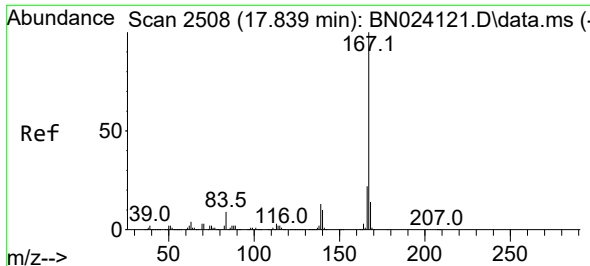
Tgt Ion:216 Resp: 91609
Ion Ratio Lower Upper
216 100
214 76.7 59.6 89.4
218 46.8 37.0 55.4



#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

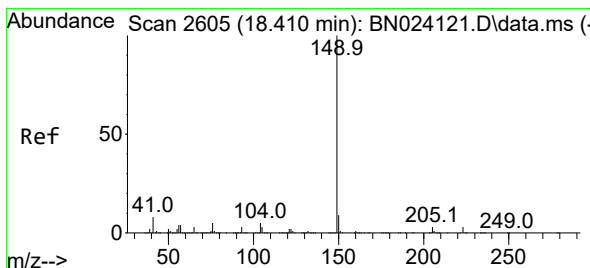
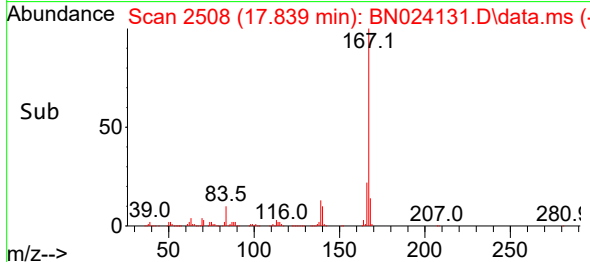
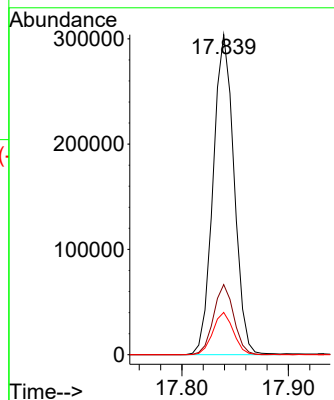
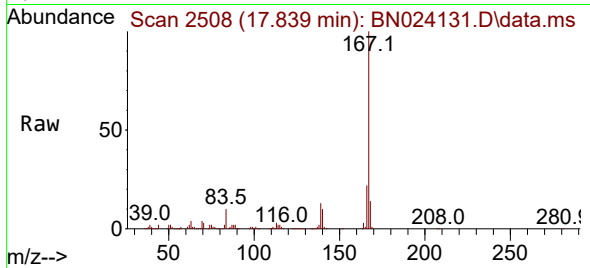




#77
 Carbazole
 Concen: 5.242 ng/ul
 RT: 17.839 min Scan# 2508
 Delta R.T. -0.000 min
 Lab File: BN024131.D
 Acq: 06 Mar 2023 12:24

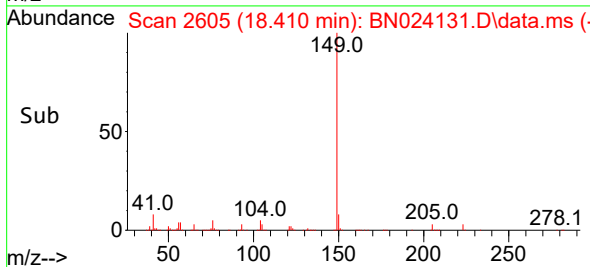
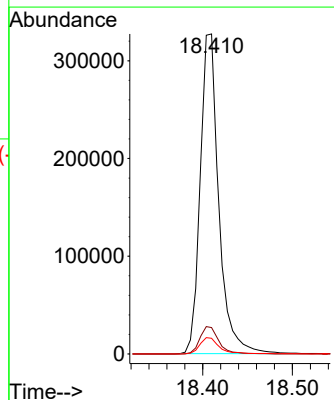
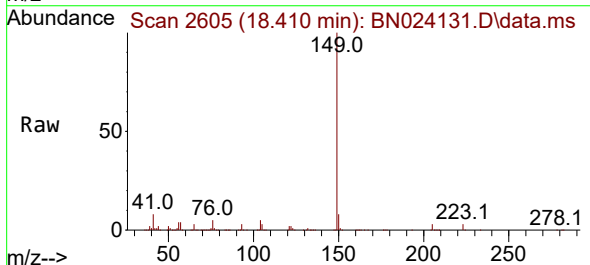
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT1-2023-01

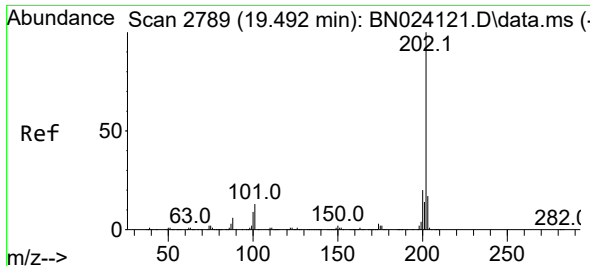
Tgt Ion:167 Resp: 415312
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.2 10.5 15.7



#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

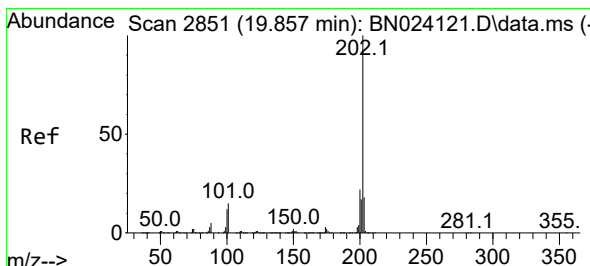
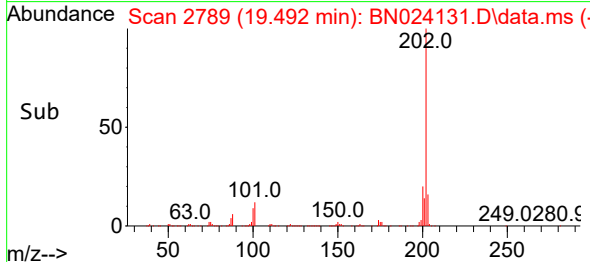
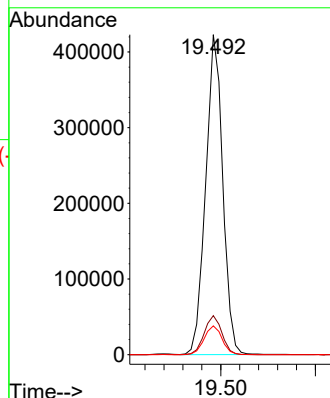
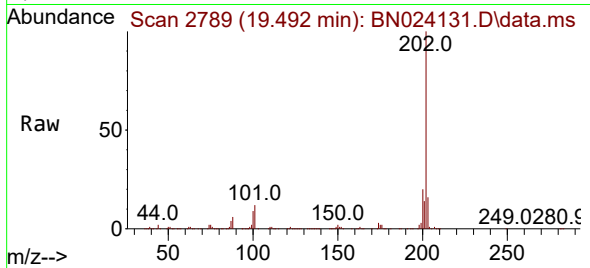




#80
Fluoranthene
Concen: 5.034 ng/ul
RT: 19.492 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

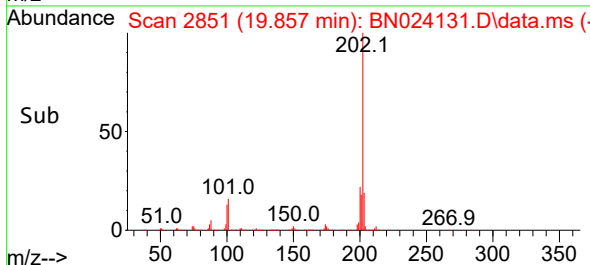
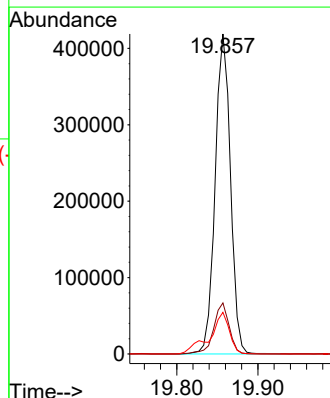
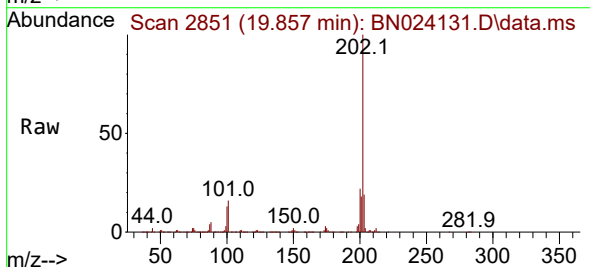
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

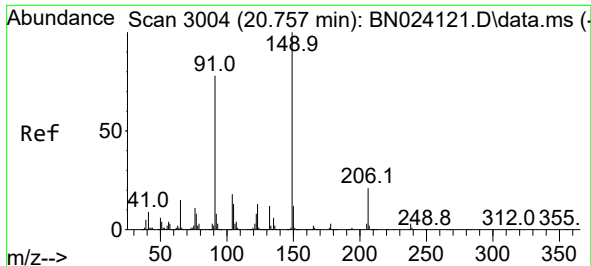
Tgt Ion:202 Resp: 527407
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.0 7.6 11.4



#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

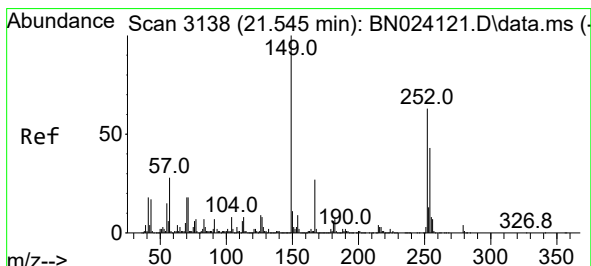
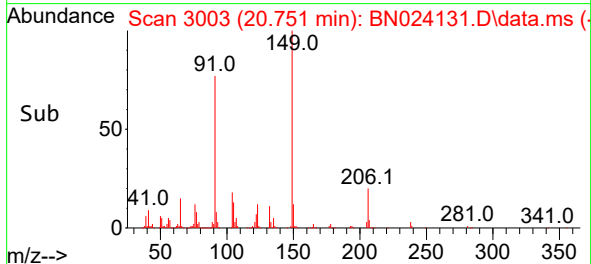
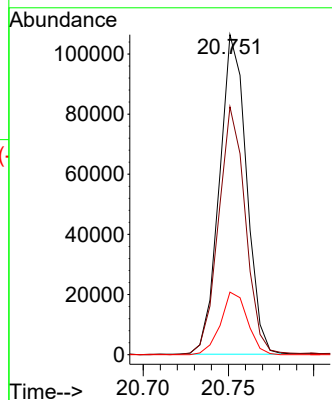
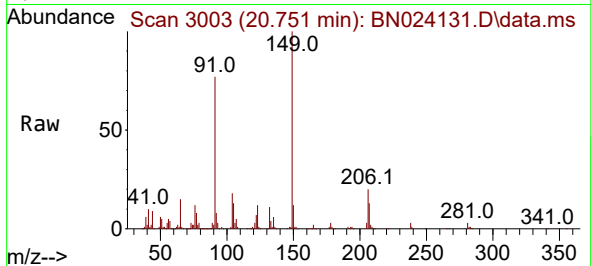




#83
Butylbenzylphthalate
Concen: 4.178 ng/ul
RT: 20.751 min Scan# 3003
Delta R.T. -0.000 min
Lab File: BN024131.D
Acq: 06 Mar 2023 12:24

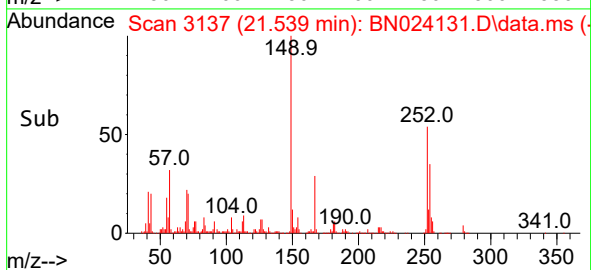
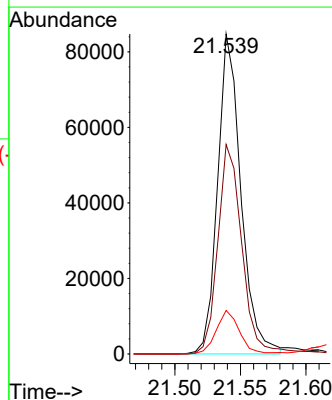
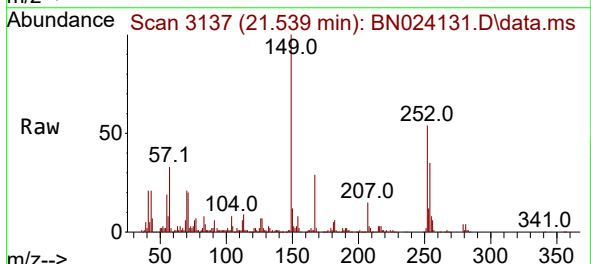
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

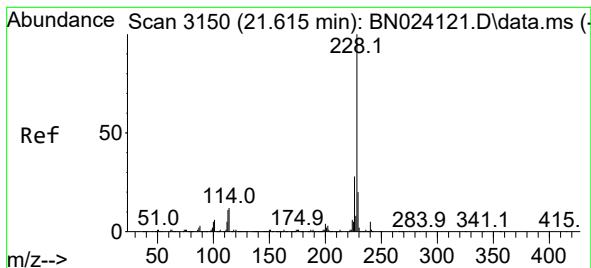
Tgt Ion:149 Resp: 117585
Ion Ratio Lower Upper
149 100
91 77.4 62.2 93.2
206 19.5 16.4 24.6



#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# 3150

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

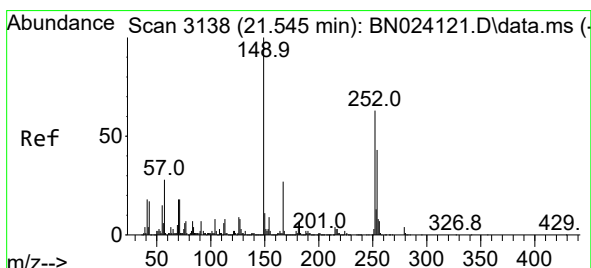
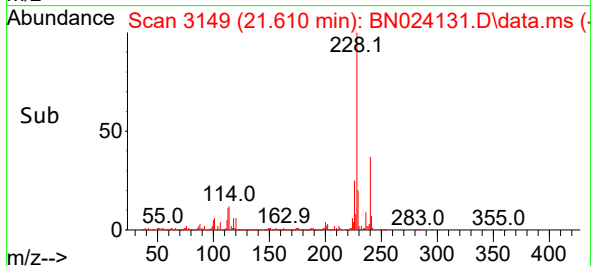
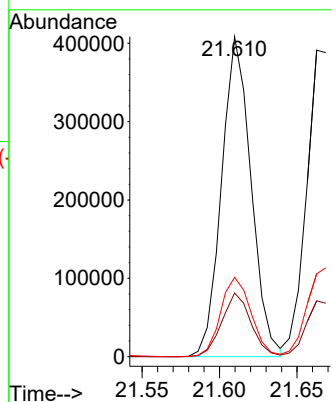
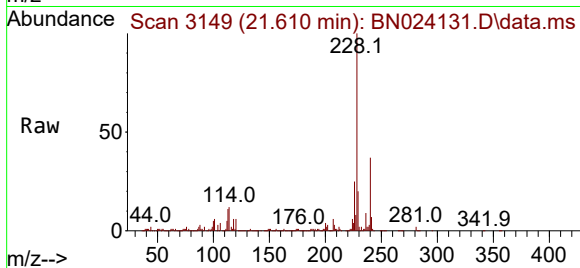
Tgt Ion:228 Resp: 539350

Ion Ratio Lower Upper

228 100

229 19.9 16.3 24.5

226 24.8 22.6 34.0



#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

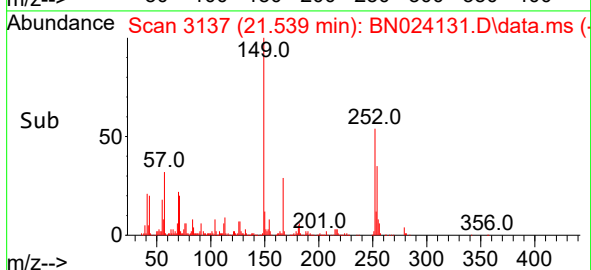
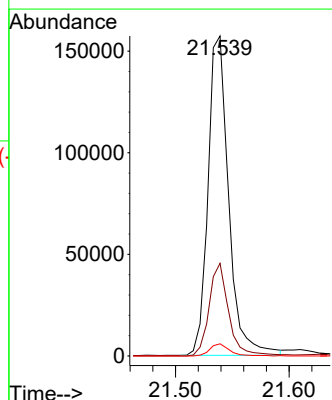
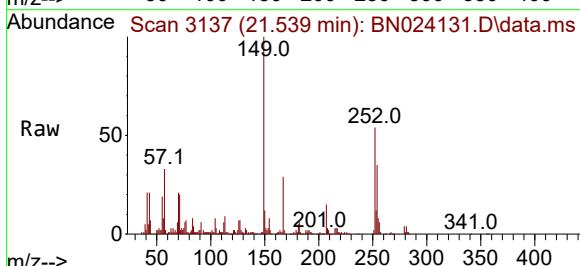
Tgt Ion:149 Resp: 198456

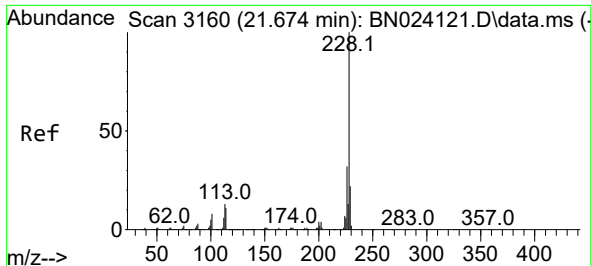
Ion Ratio Lower Upper

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# 31

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

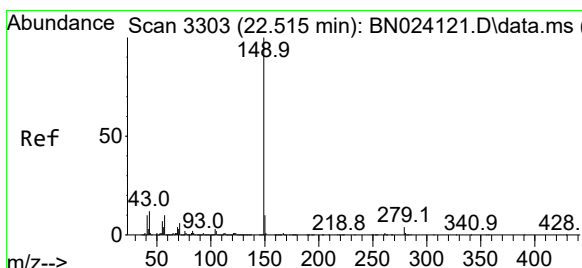
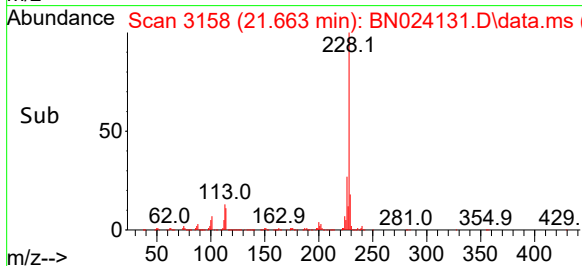
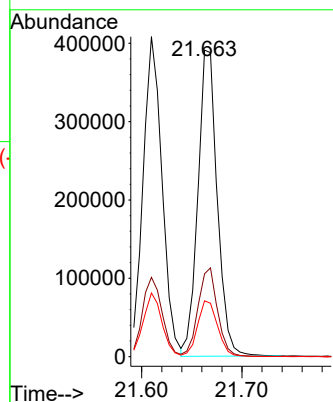
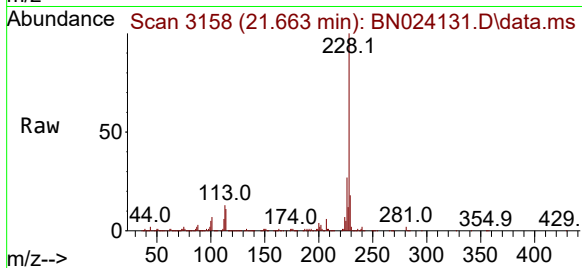
Tgt Ion:228 Resp: 526474

Ion Ratio Lower Upper

228 100

226 27.0 25.8 38.6

229 18.2 17.5 26.3



#89

Di-n-octyl phthalate

Concen: 3.783 ng/ul

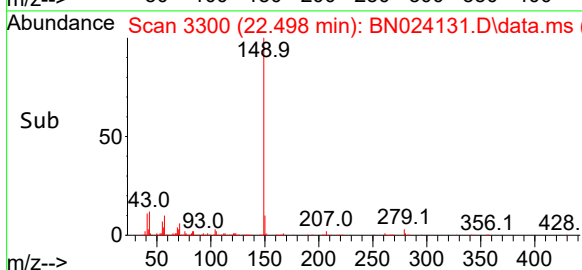
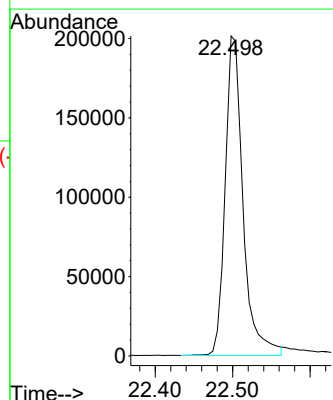
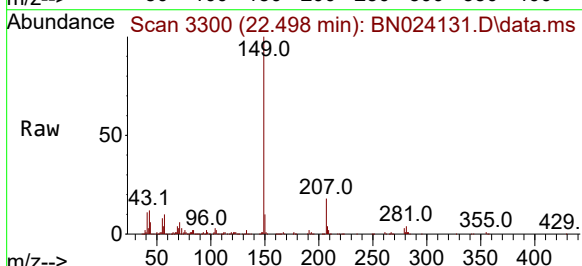
RT: 22.498 min Scan# 3300

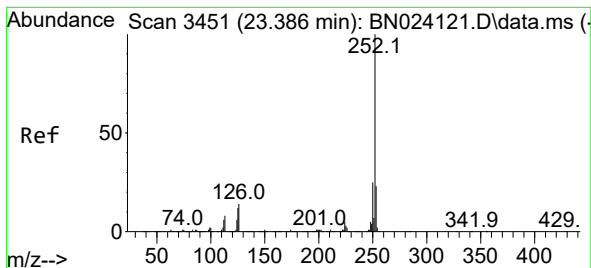
Delta R.T. -0.006 min

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# 3451

Delta R.T. -0.018 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

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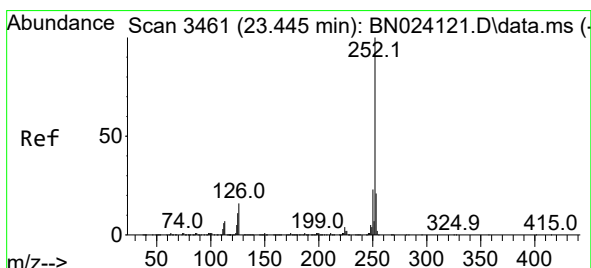
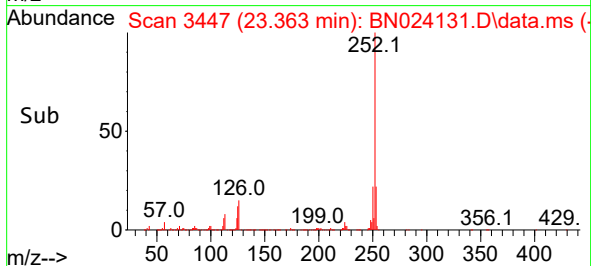
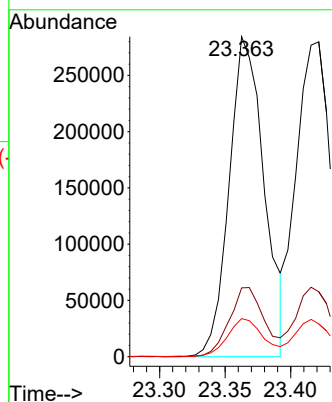
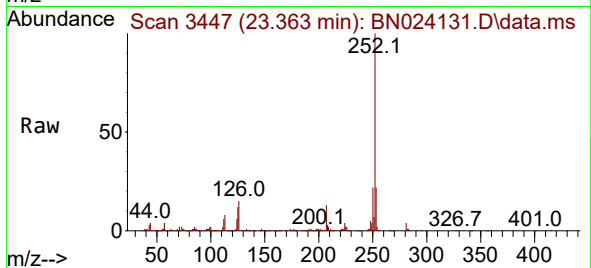
Tgt Ion:252 Resp: 528125

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

125 11.9 9.5 14.3



#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

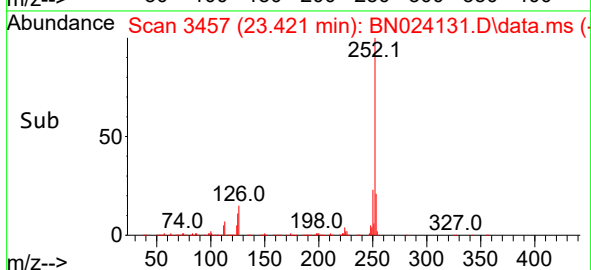
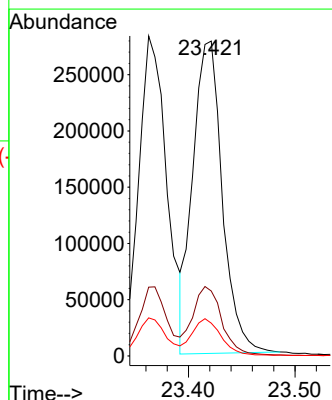
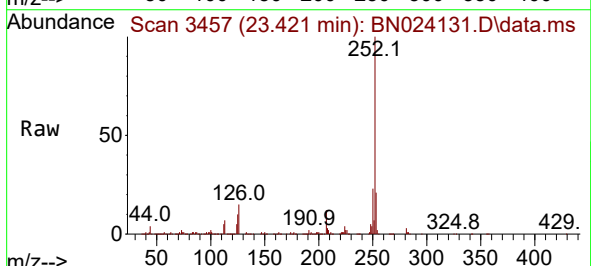
Tgt Ion:252 Resp: 532947

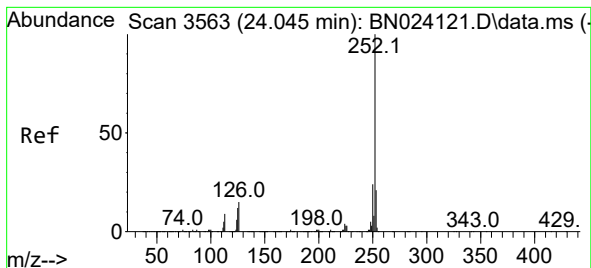
Ion Ratio Lower Upper

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

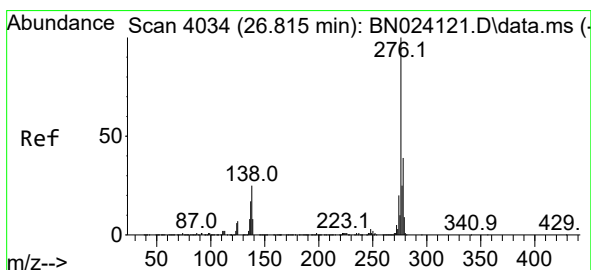
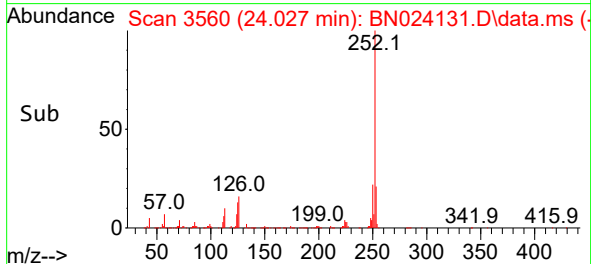
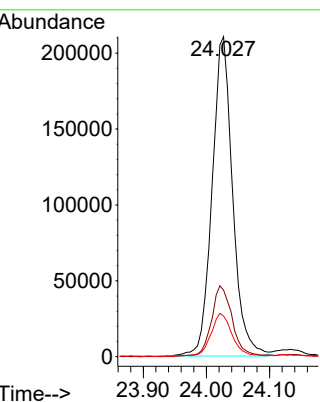
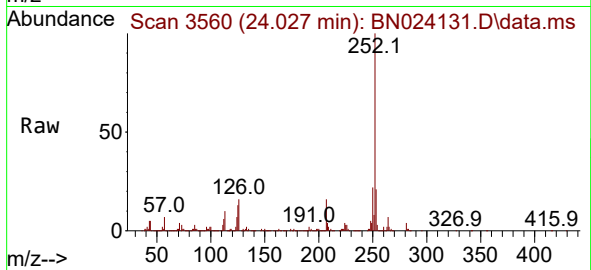
Tgt Ion:252 Resp: 475956

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.4

125 12.7 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.701 ng/ul

RT: 26.756 min Scan# 4024

Delta R.T. -0.053 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

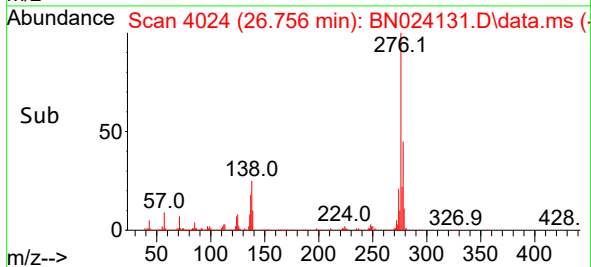
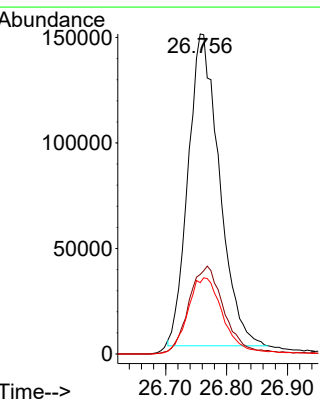
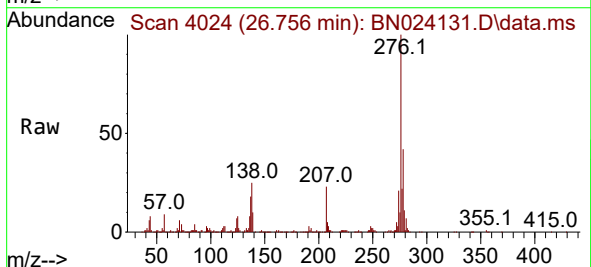
Tgt Ion:276 Resp: 526561

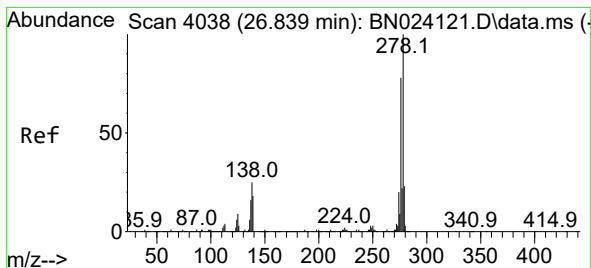
Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

277 22.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 4.906 ng/ul

RT: 26.780 min Scan# 4038

Delta R.T. -0.047 min

Lab File: BN024131.D

Acq: 06 Mar 2023 12:24

Instrument :

BNA_N

ClientSampleId :

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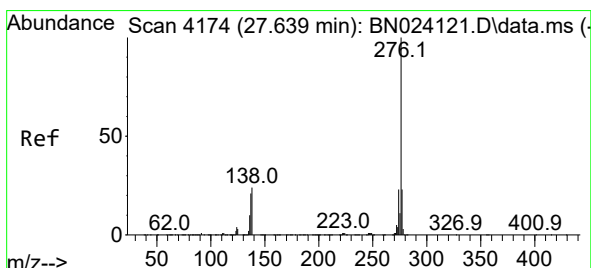
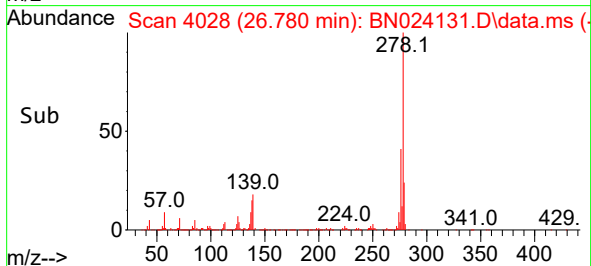
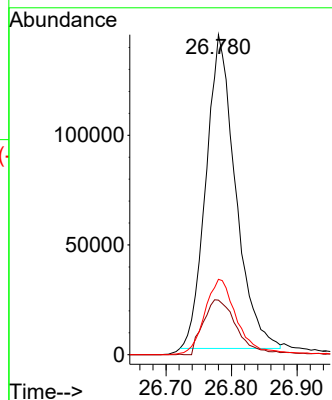
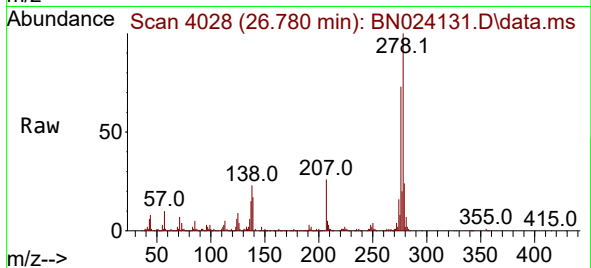
Tgt Ion:278 Resp: 447484

Ion Ratio Lower Upper

278 100

139 17.0 14.4 21.6

279 23.6 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 4.826 ng/ul

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: 445955

Ion Ratio Lower Upper

276 100

138 22.4 18.8 28.2

277 22.4 18.6 27.8

