

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030623\
 Data File : BN024130.D
 Acq On : 06 Mar 2023 11:48
 Operator : CG/JU
 Sample : 01378-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 07 04:29:46 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	8.052	152	251756	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1098336	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	655542	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1372606	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1280074	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1337159	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	30376	4.707	ng/uL	-0.01
4) Pyridine-d5	3.828	84	301000	16.855	ng/u1	0.00
7) Phenol-d5	7.193	99	436524	19.330	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	288004	19.916	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	339596	19.582	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	330018	18.383	ng/u1	-0.01
21) Nitrobenzene-d5	9.222	128	140172	19.663	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	150103	19.309	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	314517	18.749	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	464728	18.569	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	971375	19.200	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	1134457	19.264	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	156645	16.204	ng/u1	0.00
60) Fluorene-d10	15.686	176	823003	19.356	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	106712	14.430	ng/u1	0.00
73) Anthracene-d10	17.539	188	1207758	18.657	ng/u1	0.00
81) Pyrene-d10	19.833	212	1435115	19.183	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1363780	20.517	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	9578	1.371	ng/uL	97
5) Pyridine	3.852	79	78650	4.254	ng/u1#	86
6) Benzaldehyde	7.181	77	57340	5.226	ng/u1	98
8) Phenol	7.222	94	113383	4.843	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.469	93	91878	4.843	ng/u1	96
12) 2-Chlorophenol	7.610	128	85237	4.734	ng/u1	98
13) 2-Methylphenol	8.493	108	79226	4.501	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.587	45	148320	4.928	ng/u1	99
16) Acetophenone	8.881	105	149447	5.363	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.863	70	65929	4.818	ng/u1#	96
18) 4-Methylphenol	8.816	108	92422	4.770	ng/u1	98
19) Hexachloroethane	9.146	117	32250	4.561	ng/u1	94
22) Nitrobenzene	9.263	77	96805	5.016	ng/u1	97
23) Isophorone	9.793	82	201437	4.776	ng/u1	99
25) 2-Nitrophenol	9.981	139	43397	4.860	ng/u1	98
26) 2,4-Dimethylphenol	10.034	107	80921	3.976	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.275	93	127989	4.887	ng/u1	98
29) 2,4-Dichlorophenol	10.510	162	83598	4.938	ng/u1	96
30) Naphthalene	10.928	128	306671	5.074	ng/u1	100
32) 4-Chloroaniline	11.028	127	123941	4.911	ng/u1	98
33) Hexachlorobutadiene	11.216	225	50164	4.862	ng/u1	91
34) Caprolactam	11.804	113	28126m	4.871	ng/u1	
35) 4-Chloro-3-methylphenol	12.140	107	86323	4.628	ng/u1	99
36) 2-Methylnaphthalene	12.528	142	200953	5.050	ng/u1	98

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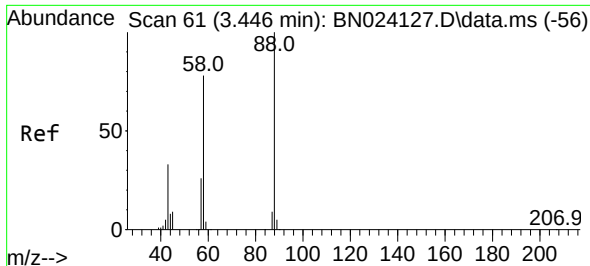
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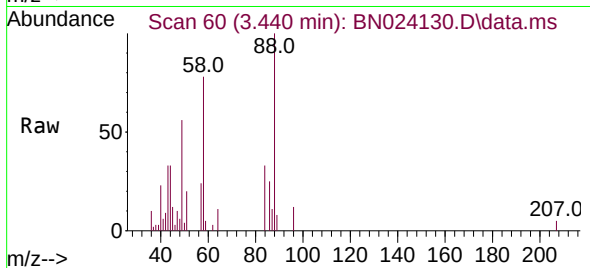
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	158255	3.968	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.893	216	102898	5.216	ng/u1	94
40) Hexachlorocyclopentadiene	12.875	237	45891	4.317	ng/u1	98
41) 2,4,6-Trichlorophenol	13.128	196	58342	4.515	ng/u1	98
42) 2,4,5-Trichlorophenol	13.193	196	65517	4.708	ng/u1	100
43) 1,1'-Biphenyl	13.534	154	272143	5.212	ng/u1	99
44) 2-Chloronaphthalene	13.575	162	212484	5.223	ng/u1	99
45) 2-Nitroaniline	13.769	65	29992	3.384	ng/u1	94
47) Dimethylphthalate	14.145	163	260385	5.106	ng/u1	99
48) 2,6-Dinitrotoluene	14.263	165	23318	3.107	ng/u1	90
50) Acenaphthylene	14.416	152	331717	5.227	ng/u1	100
51) 3-Nitroaniline	14.592	138	32045	3.512	ng/u1#	92
52) Acenaphthene	14.757	153	229889	5.311	ng/u1	98
53) 2,4-Dinitrophenol	14.792	184	23837	4.587	ng/u1	95
55) 4-Nitrophenol	14.881	109	34394	4.670	ng/u1	95
56) Dibenzofuran	15.092	168	316206	5.200	ng/u1	100
57) 2,4-Dinitrotoluene	15.045	165	44221	3.737	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.310	232	56413	4.715	ng/u1	99
59) Diethylphthalate	15.510	149	256903	5.054	ng/u1	99
61) Fluorene	15.739	166	261490	5.488	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.734	204	122989	5.399	ng/u1	98
63) 4-Nitroaniline	15.745	138	35225m	3.992	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.804	198	33160	4.433	ng/u1#	90
67) N-Nitrosodiphenylamine	15.945	169	204117	5.022	ng/u1	98
68) 4-Bromophenyl-phenylether	16.628	248	70329	5.154	ng/u1	99
69) Hexachlorobenzene	16.745	284	85089	5.125	ng/u1	97
70) Atrazine	16.892	200	59836	4.349	ng/u1	99
71) Pentachlorophenol	17.086	266	45721	4.452	ng/u1	99
72) Phenanthrene	17.486	178	403050	5.301	ng/u1	99
74) Anthracene	17.575	178	385881	5.033	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	80754	4.037	ng/uL	94
76) Pentachlorobenzene	15.010	250	75870	3.892	ng/uL	96
77) Carbazole	17.839	167	354023	5.156	ng/u1	99
78) Di-n-butylphthalate	18.410	149	389386	4.765	ng/u1	100
80) Fluoranthene	19.492	202	442236	5.085	ng/u1	100
82) Pyrene	19.857	202	476289	5.191	ng/u1	99
83) Butylbenzylphthalate	20.757	149	96988	4.151	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.545	252	90005	3.648	ng/u1	90
85) Benzo(a)anthracene	21.616	228	444941	4.987	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	163237	4.209	ng/u1	98
87) Chrysene	21.674	228	439987	5.152	ng/u1	96
89) Di-n-octyl phthalate	22.516	149	264645	3.701	ng/u1	100
90) Benzo(b)fluoranthene	23.386	252	429023	5.096	ng/u1	99
91) Benzo(k)fluoranthene	23.439	252	442622	5.316	ng/u1	99
93) Benzo(a)pyrene	24.045	252	393060	5.272	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.815	276	466485m	4.969	ng/u1	
95) Dibenzo(a,h)anthracene	26.839	278	394340m	5.158	ng/u1	
96) Benzo(g,h,i)perylene	27.633	276	379738m	4.902	ng/u1	

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



#2
1,4-Dioxane
Concen: 1.371 ng/uL
RT: 3.440 min Scan# 60
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

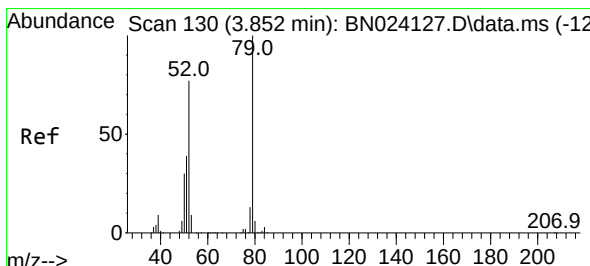
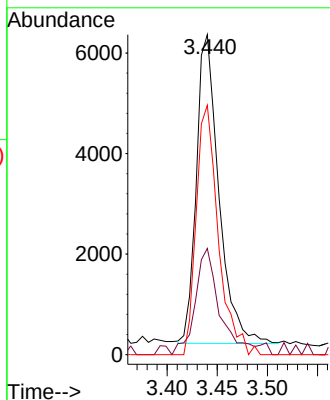
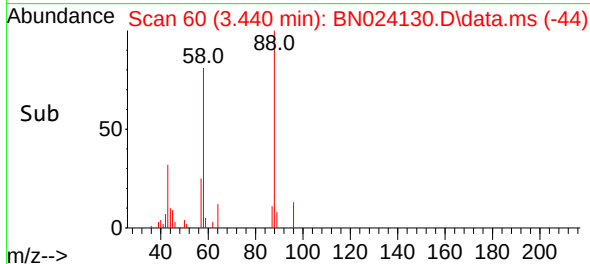
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion: 88 Resp: 9578
Ion Ratio Lower Upper
88 100
43 33.2 26.2 39.4
58 77.9 64.9 97.3

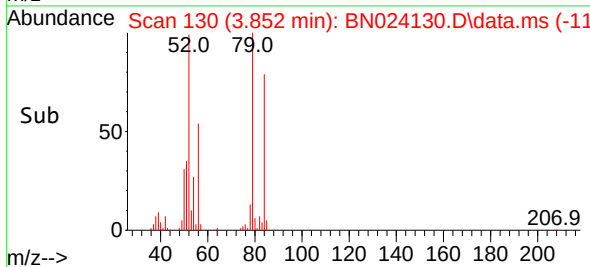
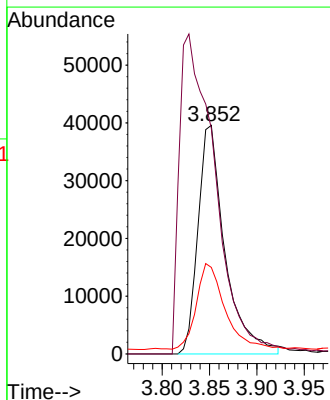
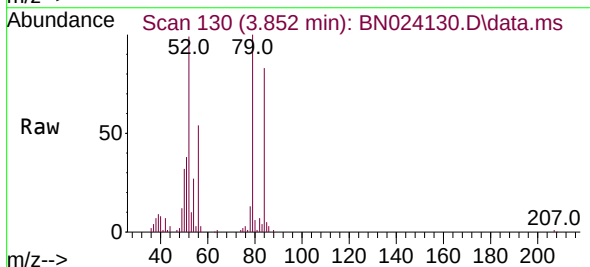
Manual Integrations
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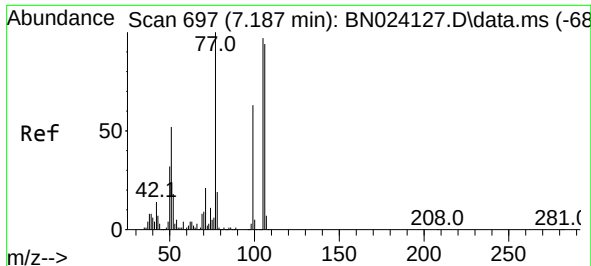
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#5
Pyridine
Concen: 4.254 ng/uL
RT: 3.852 min Scan# 130
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

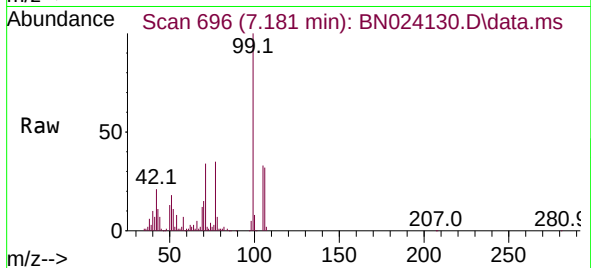
Tgt Ion: 79 Resp: 78650
Ion Ratio Lower Upper
79 100
52 98.7 65.1 97.7#
51 37.9 31.4 47.0





#6
Benzaldehyde
Concen: 5.226 ng/ul
RT: 7.181 min Scan# 697
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

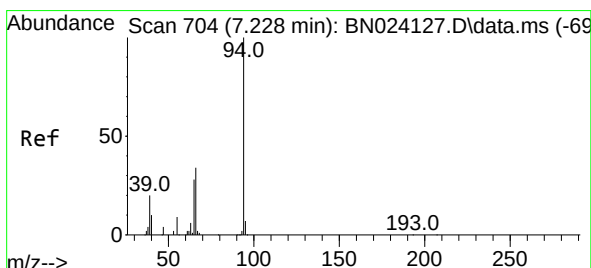
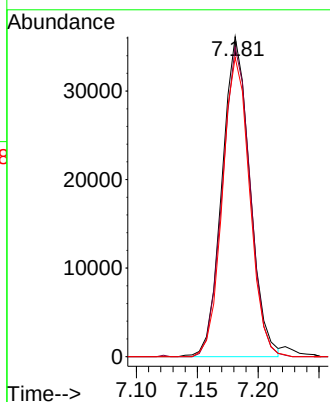
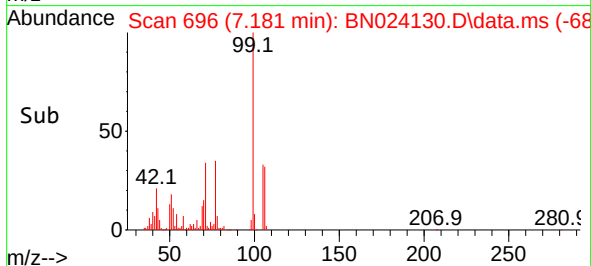
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion: 77 Resp: 57340
Ion Ratio Lower Upper
77 100
105 96.7 79.2 118.8
106 93.5 75.9 113.9

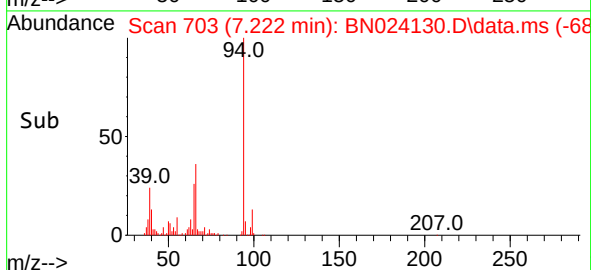
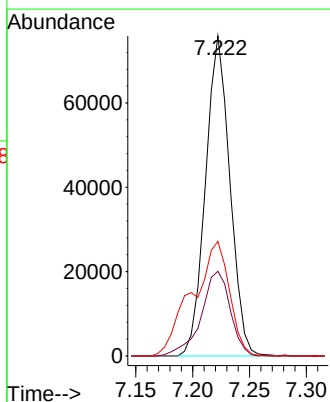
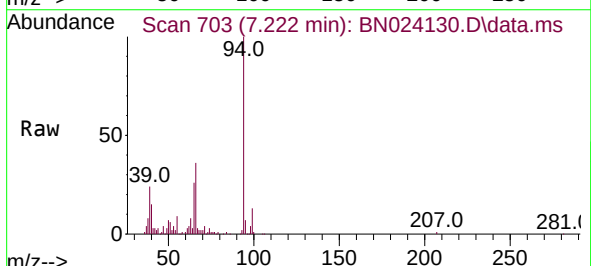
Manual Integrations
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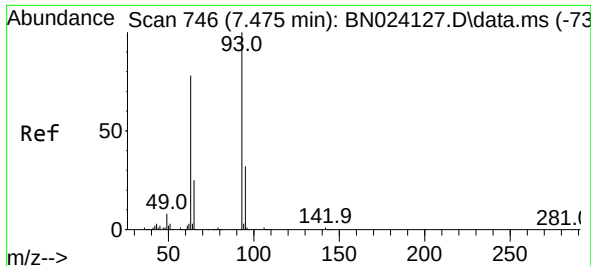
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#8
Phenol
Concen: 4.843 ng/ul
RT: 7.222 min Scan# 703
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

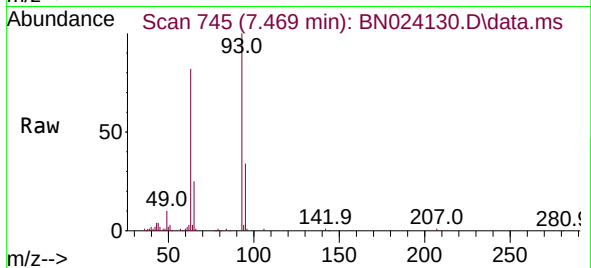
Tgt Ion: 94 Resp: 113383
Ion Ratio Lower Upper
94 100
65 26.4 22.9 34.3
66 35.8 29.0 43.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.843 ng/ul
RT: 7.469 min Scan# 746
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

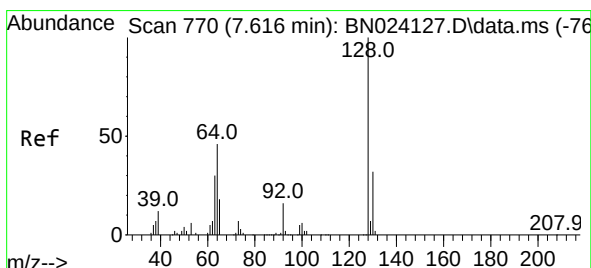
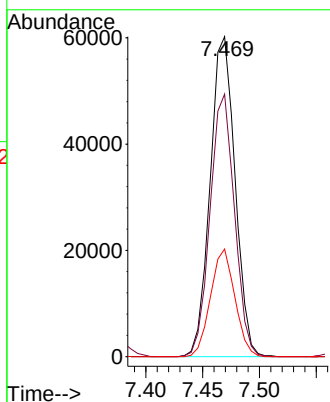
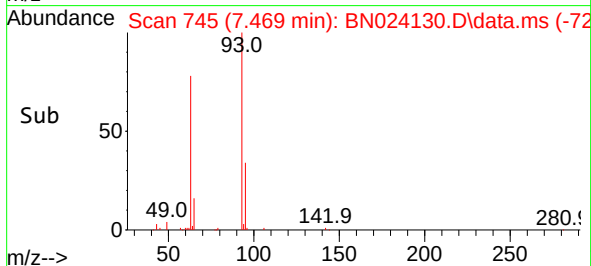
Instrument :
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MDL-SOIL-QT1-2023-01



Tgt Ion: 93 Resp: 91878
Ion Ratio Lower Upper
93 100
63 82.0 62.6 93.8
95 33.6 25.8 38.6

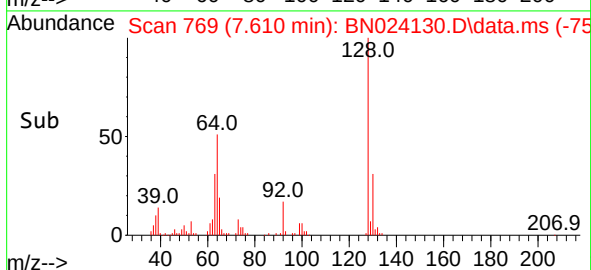
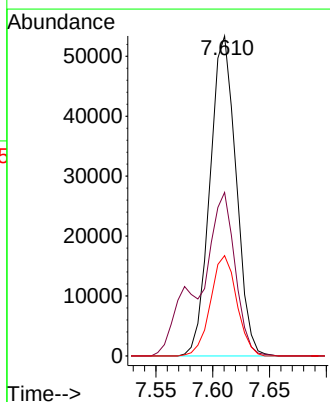
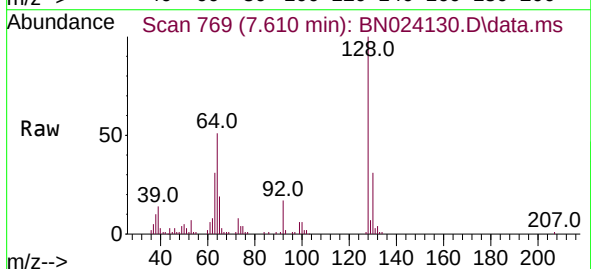
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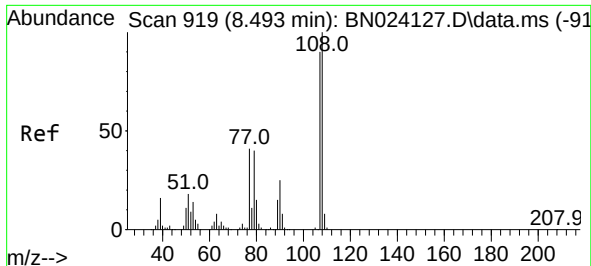
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#12
2-Chlorophenol
Concen: 4.734 ng/ul
RT: 7.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BN024130.D
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Tgt Ion:128 Resp: 85237
Ion Ratio Lower Upper
128 100
64 51.1 39.3 58.9
130 31.3 25.1 37.7





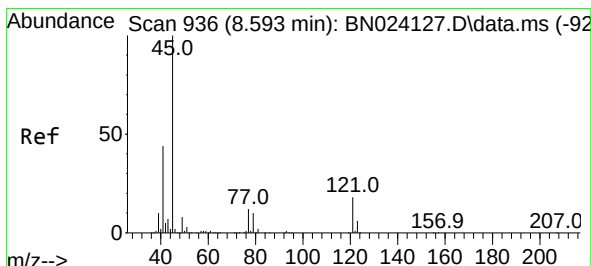
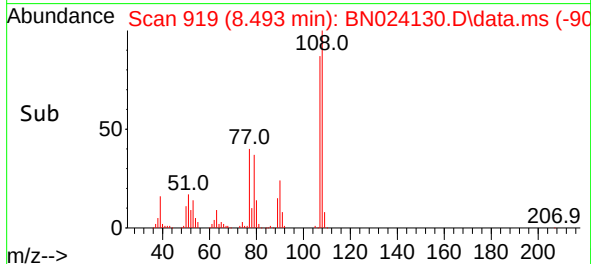
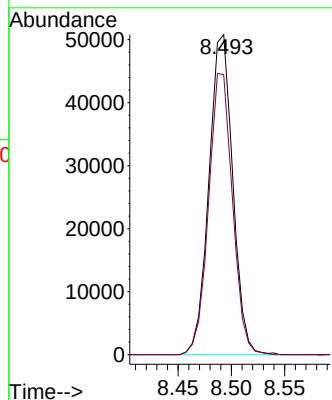
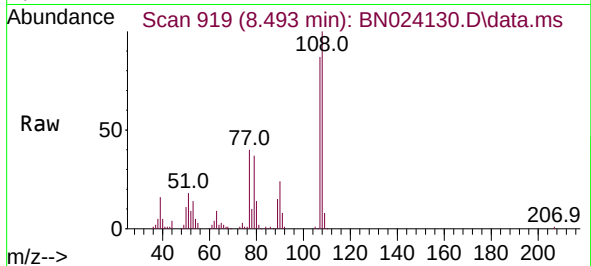
#13
2-Methylphenol
Concen: 4.501 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

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Tgt Ion:108 Resp: 79226
Ion Ratio Lower Upper
108 100
107 87.5 72.3 108.5

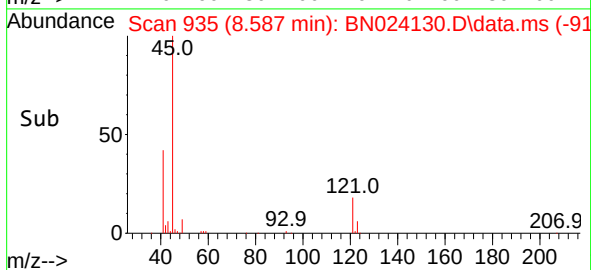
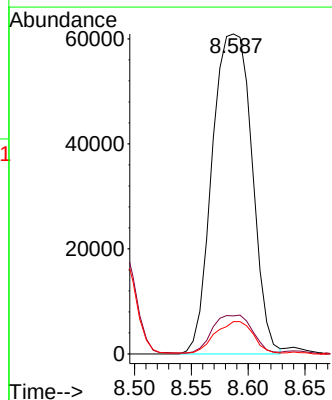
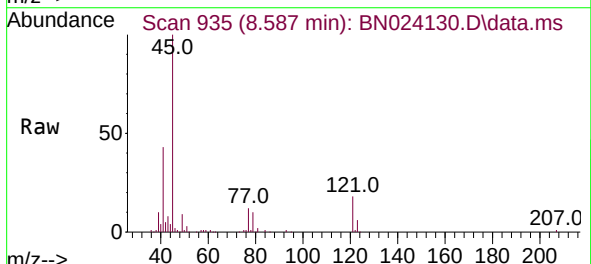
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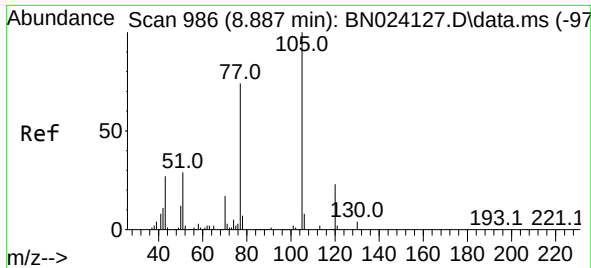
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.928 ng/ul
RT: 8.587 min Scan# 935
Delta R.T. -0.006 min
Lab File: BN024130.D
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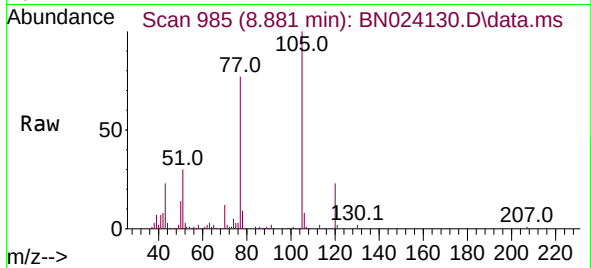
Tgt Ion: 45 Resp: 148320
Ion Ratio Lower Upper
45 100
77 11.9 9.8 14.6
79 10.1 7.4 11.0





#16
Acetophenone
Concen: 5.363 ng/ul
RT: 8.881 min Scan# 986
Delta R.T. -0.006 min
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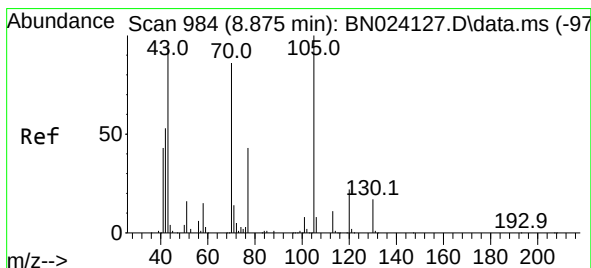
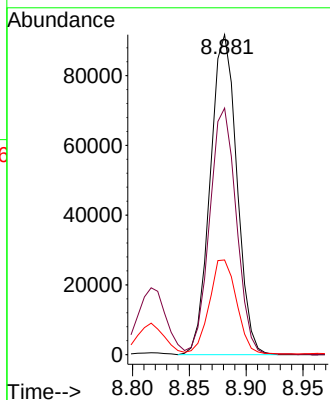
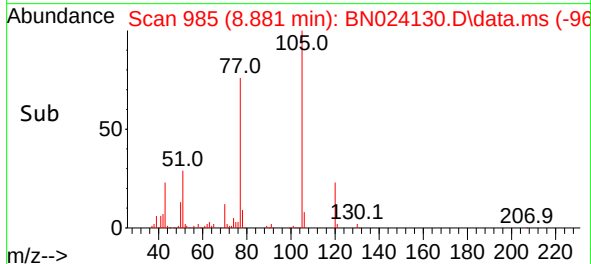
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Tgt Ion: 105 Resp: 14944
Ion Ratio Lower Upper
105 100
77 77.0 61.4 92.0
51 29.6 23.8 35.8

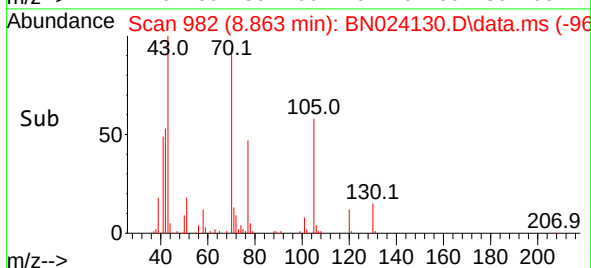
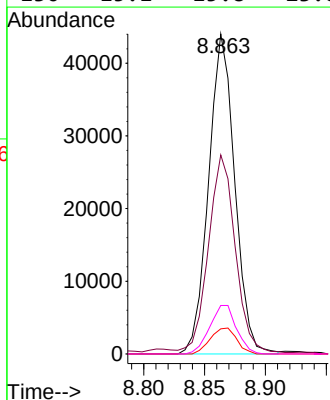
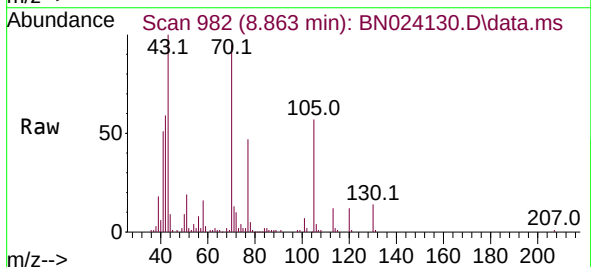
Manual Integrations
APPROVED

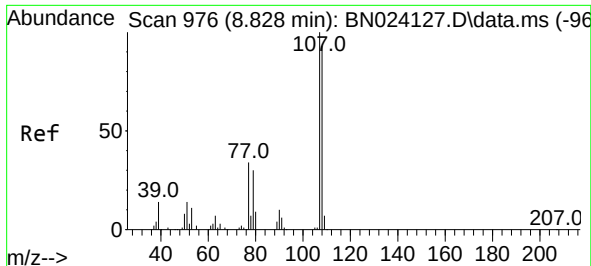
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.818 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

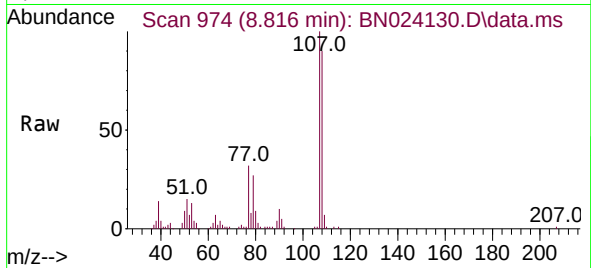
Tgt Ion: 70 Resp: 65929
Ion Ratio Lower Upper
70 100
42 62.2 50.8 76.2
101 7.8 7.2 10.8
130 15.1 15.8 23.8





#18
4-Methylphenol
Concen: 4.770 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.012 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

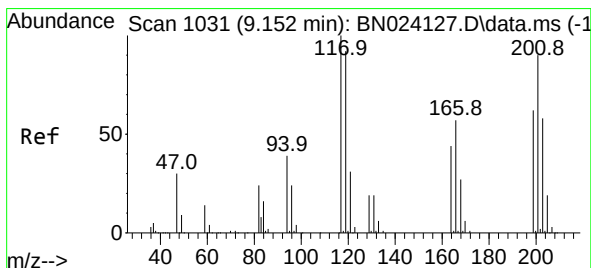
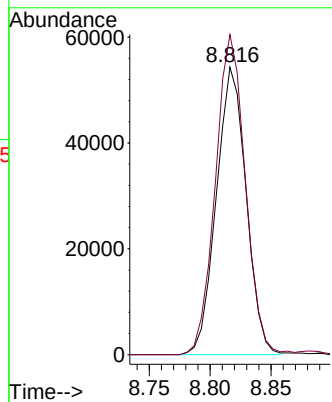
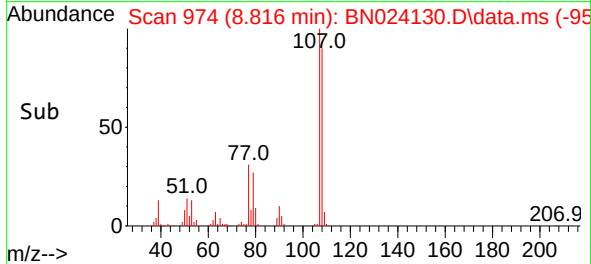
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:108 Resp: 9242
Ion Ratio Lower Upper
108 100
107 111.3 87.8 131.6

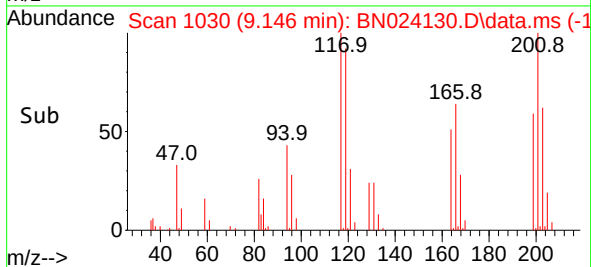
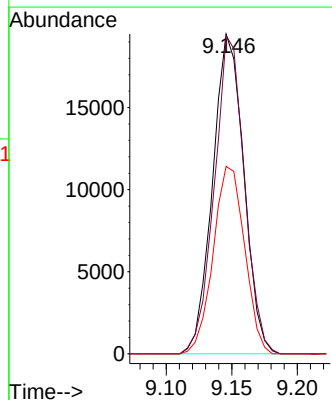
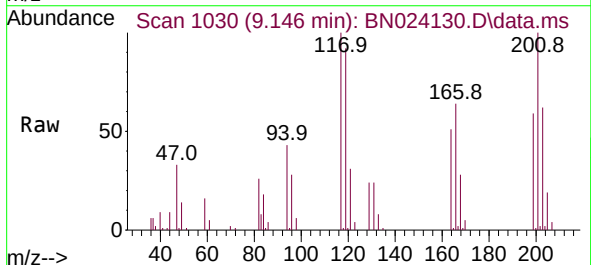
Manual Integrations
APPROVED

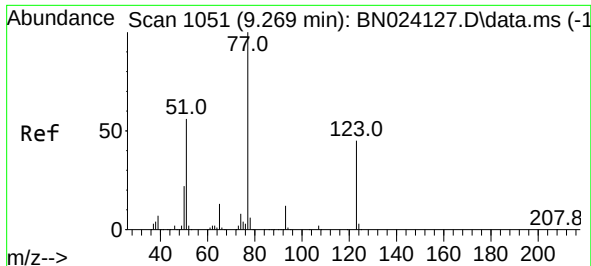
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#19
Hexachloroethane
Concen: 4.561 ng/ul
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

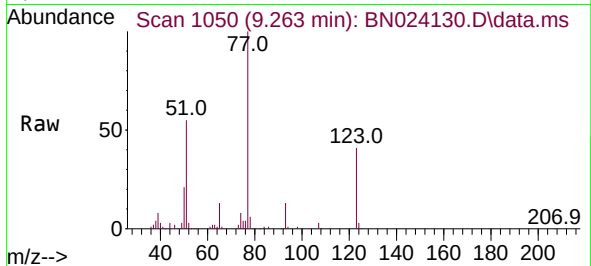
Tgt Ion:117 Resp: 32250
Ion Ratio Lower Upper
117 100
201 101.4 73.8 110.6
199 58.6 47.2 70.8





#22
Nitrobenzene
Concen: 5.016 ng/ul
RT: 9.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

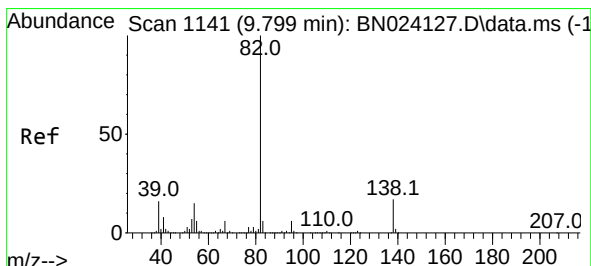
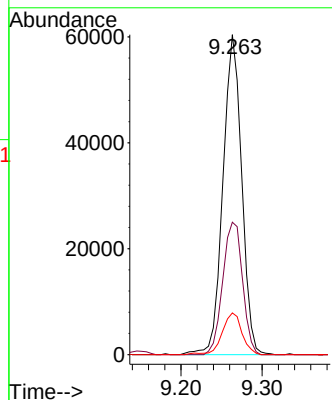
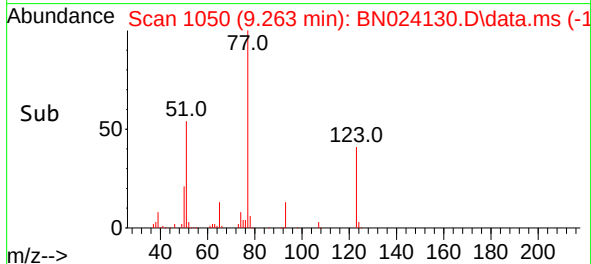
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion: 77 Resp: 96805
Ion Ratio Lower Upper
77 100
123 41.4 34.8 52.2
65 13.0 11.0 16.4

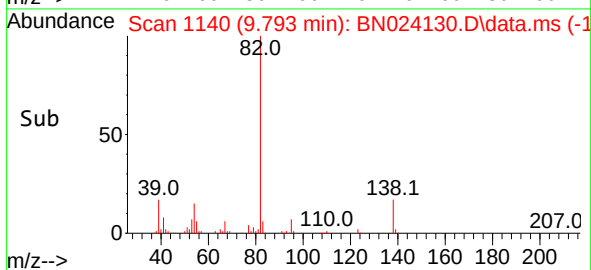
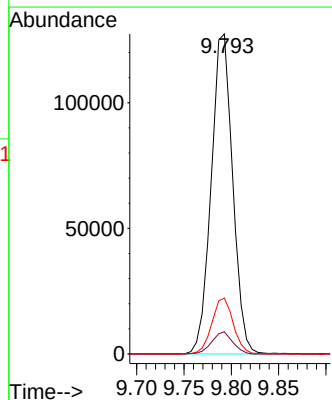
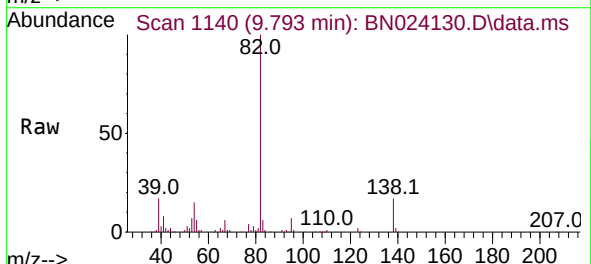
Manual Integrations
APPROVED

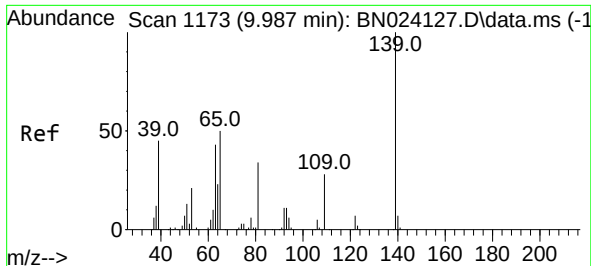
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#23
Isophorone
Concen: 4.776 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

Tgt Ion: 82 Resp: 201437
Ion Ratio Lower Upper
82 100
95 6.9 5.0 7.6
138 17.4 13.8 20.6





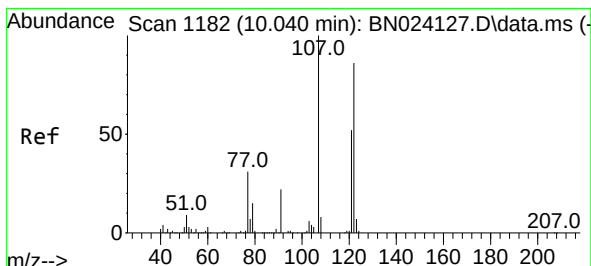
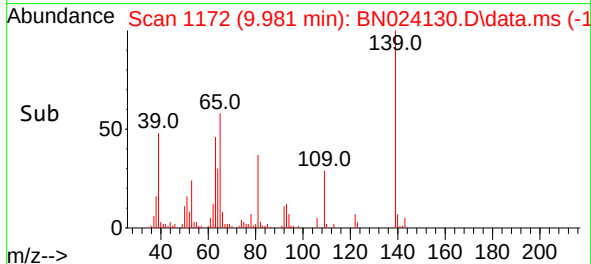
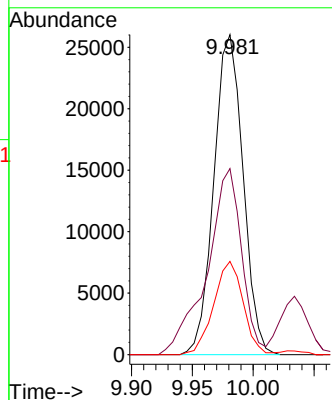
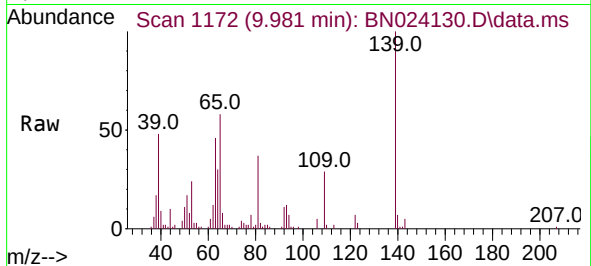
#25
2-Nitrophenol
Concen: 4.860 ng/ul
RT: 9.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

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

Tgt Ion:139 Resp: 43397
Ion Ratio Lower Upper
139 100
65 58.1 44.5 66.7
109 29.1 23.4 35.2

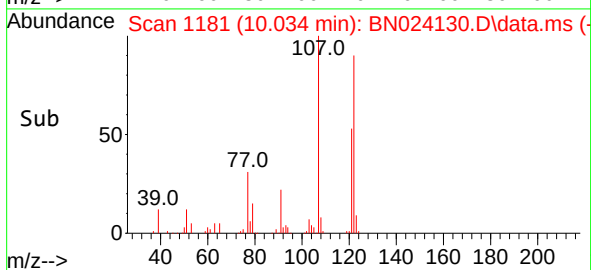
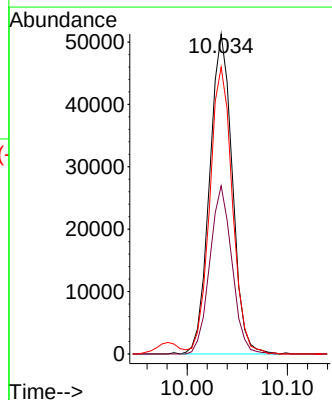
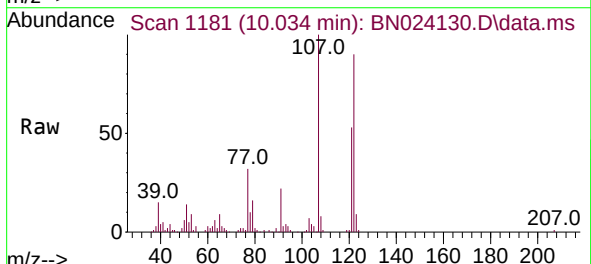
Manual Integrations
APPROVED

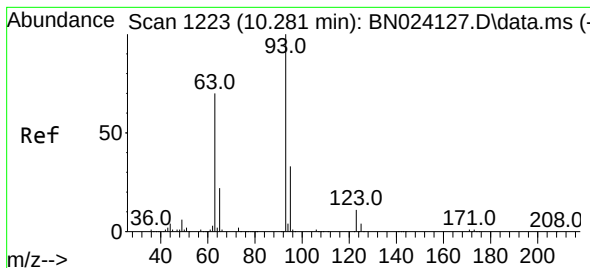
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#26
2,4-Dimethylphenol
Concen: 3.976 ng/ul
RT: 10.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

Tgt Ion:107 Resp: 80921
Ion Ratio Lower Upper
107 100
121 52.5 40.2 60.2
122 89.6 71.8 107.8





#27

Bis(2-Chloroethoxy)methane

Concen: 4.887 ng/ul

RT: 10.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

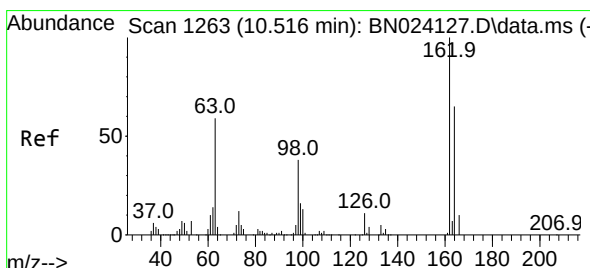
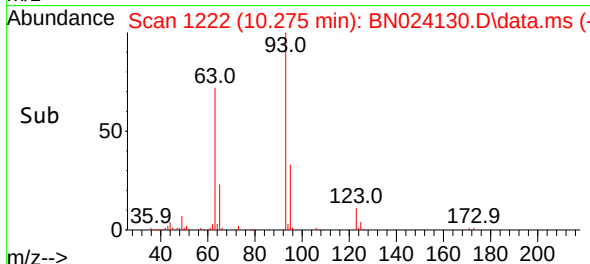
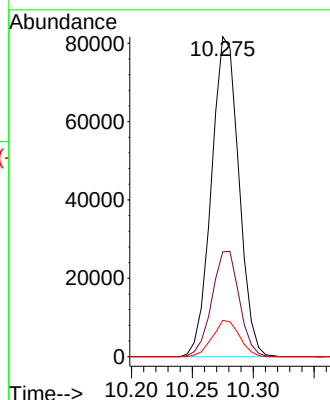
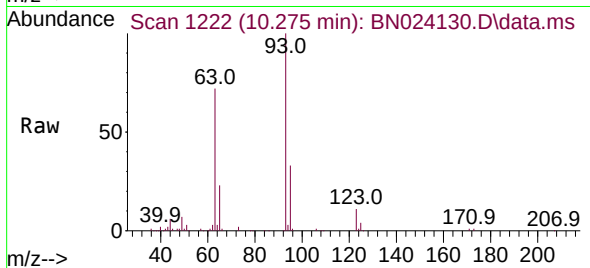
Tgt Ion: 93	Resp: 127989
Ion Ratio	Lower Upper
93 100	
95 32.7	25.4 38.2
123 11.3	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#29

2,4-Dichlorophenol

Concen: 4.938 ng/ul

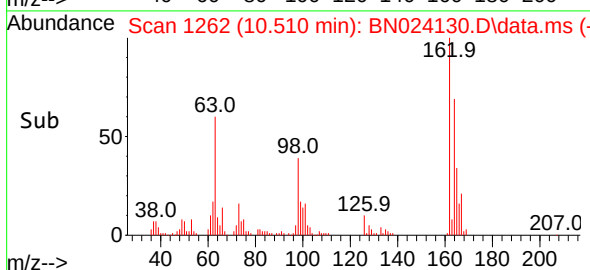
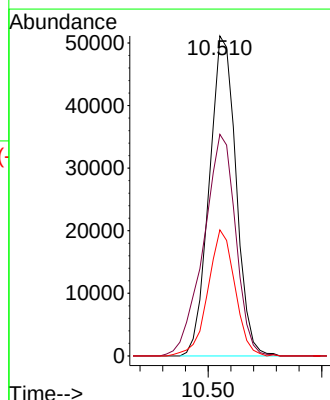
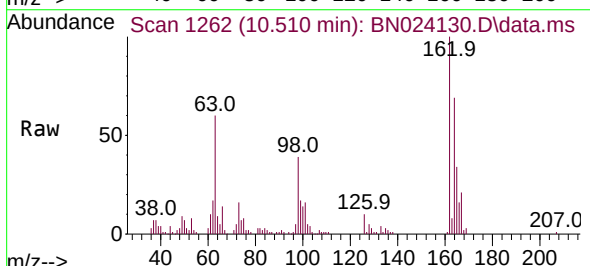
RT: 10.510 min Scan# 1262

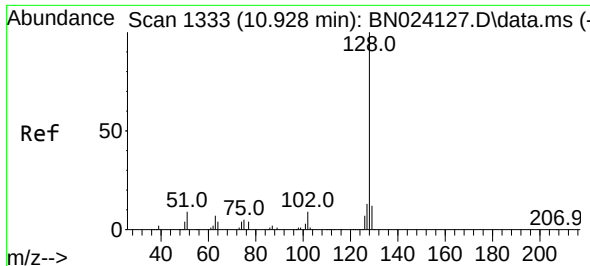
Delta R.T. -0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

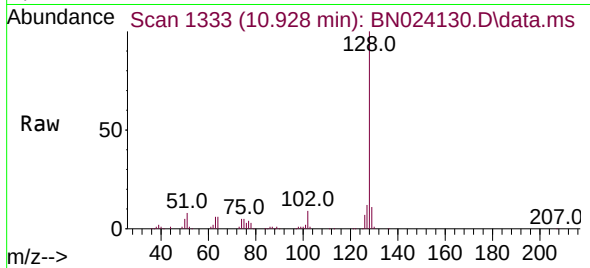
Tgt Ion:162	Resp: 83598
Ion Ratio	Lower Upper
162 100	
164 69.2	52.6 78.8
98 39.4	29.8 44.8





#30
Naphthalene
Concen: 5.074 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

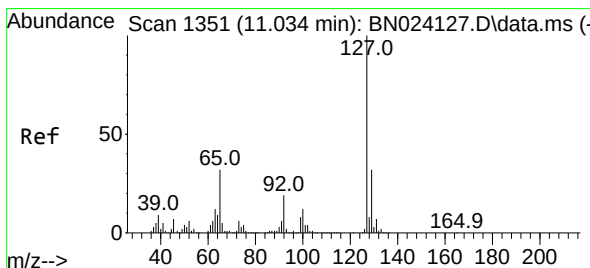
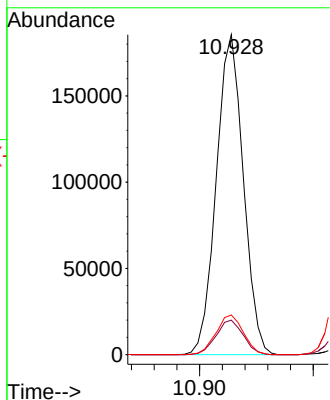
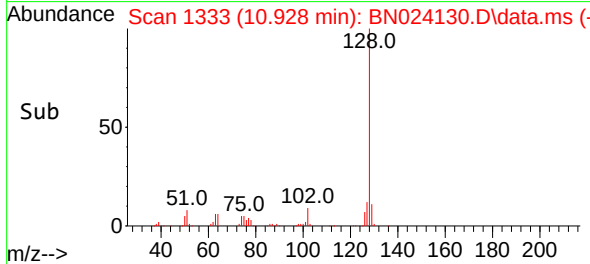
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:128 Resp: 30667
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.4 10.1 15.1

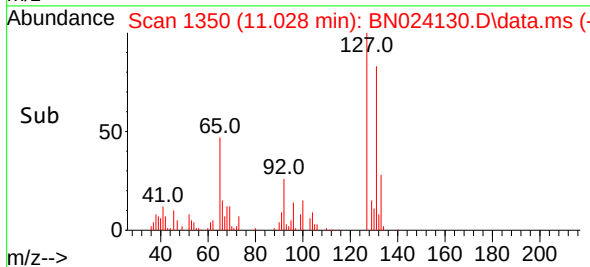
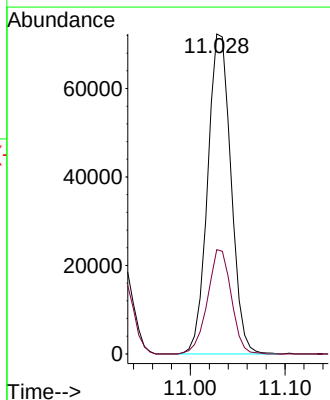
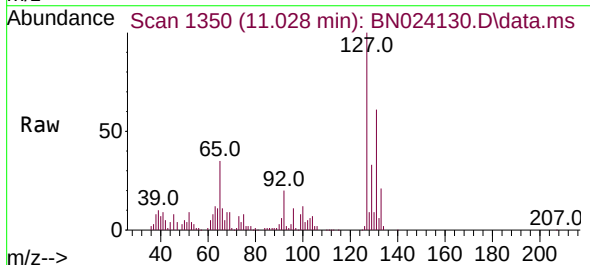
Manual Integrations
APPROVED

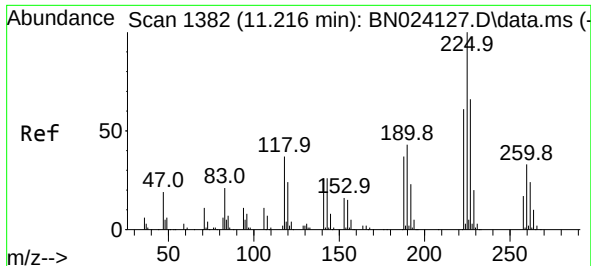
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#32
4-Chloroaniline
Concen: 4.911 ng/ul
RT: 11.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

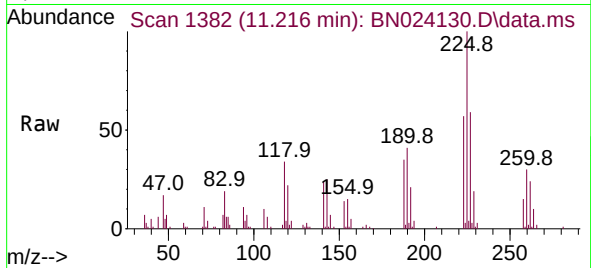
Tgt Ion:127 Resp: 123941
Ion Ratio Lower Upper
127 100
129 32.6 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.862 ng/ul
RT: 11.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

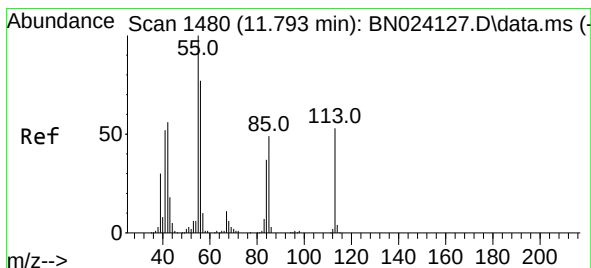
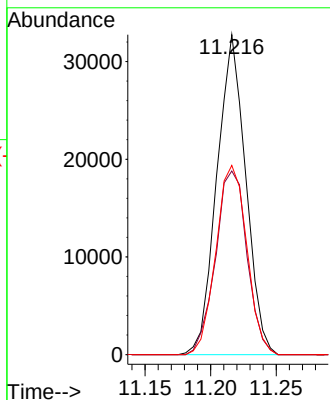
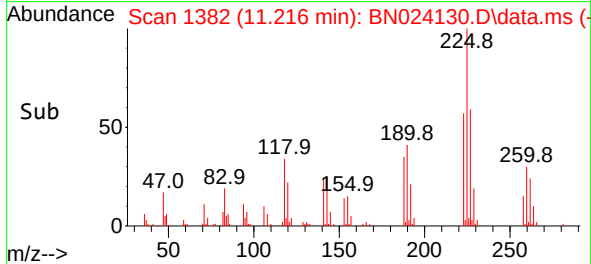
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:225 Resp: 50164
Ion Ratio Lower Upper
225 100
223 57.4 53.6 80.4
227 62.0 53.0 79.4

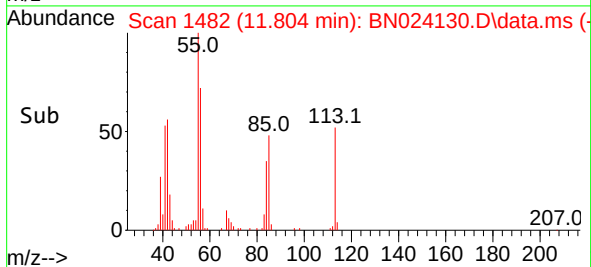
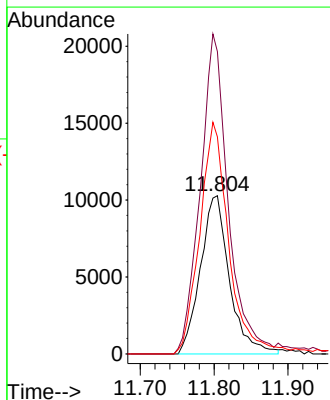
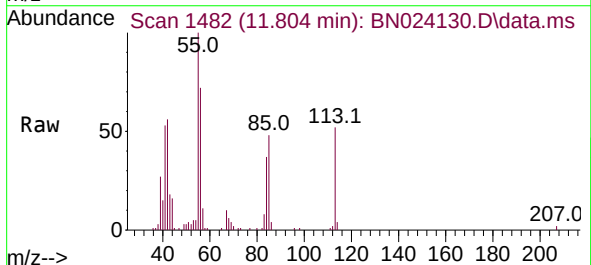
Manual Integrations
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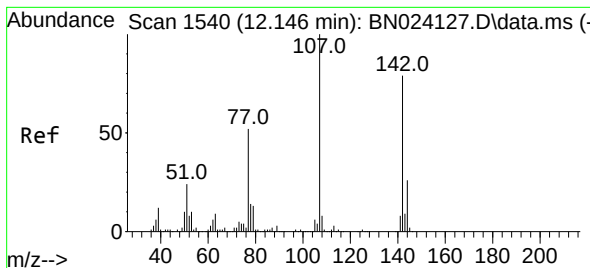
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#34
Caprolactam
Concen: 4.871 ng/ul m
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

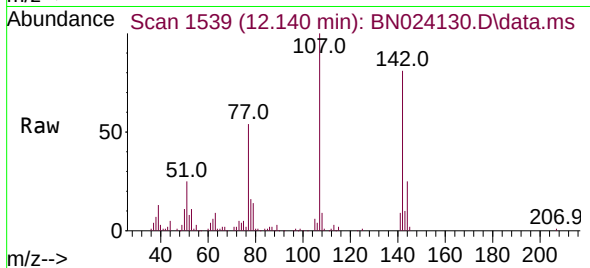
Tgt Ion:113 Resp: 28126
Ion Ratio Lower Upper
113 100
55 191.1 155.4 233.2
56 137.2 111.0 166.6





#35
4-Chloro-3-methylphenol
Concen: 4.628 ng/ul
RT: 12.140 min Scan# 1539
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

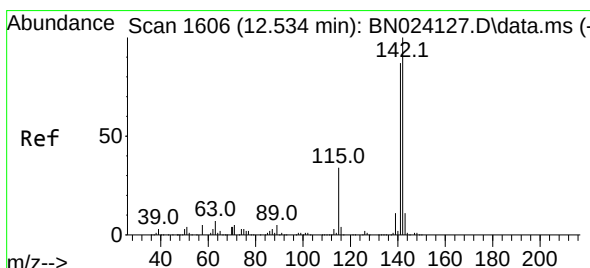
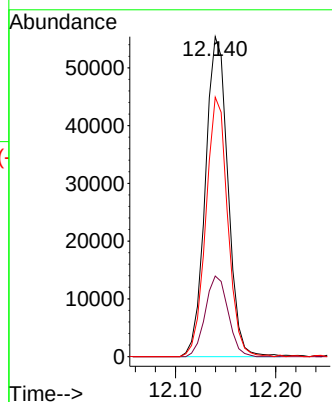
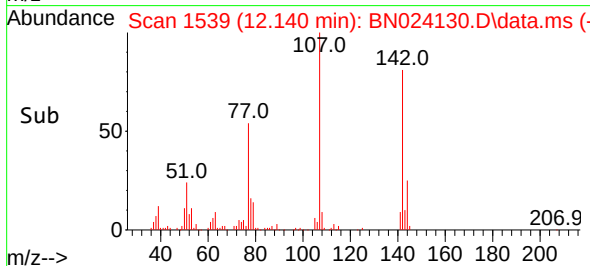
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-01



Tgt Ion:107 Resp: 86323
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.4
142 81.1 65.7 98.5

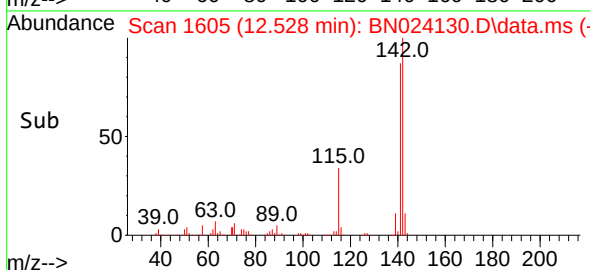
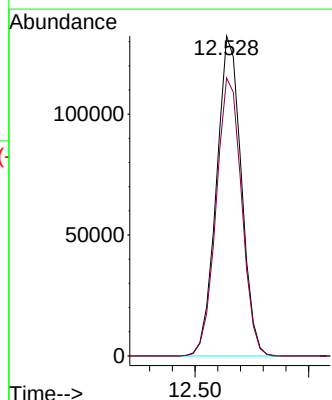
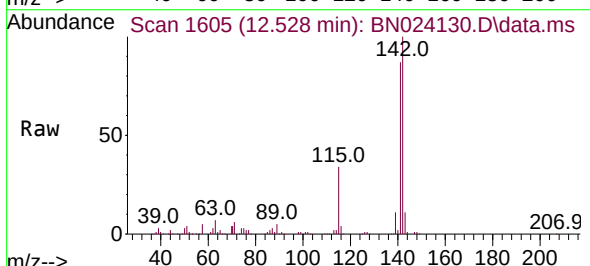
Manual Integrations
APPROVED

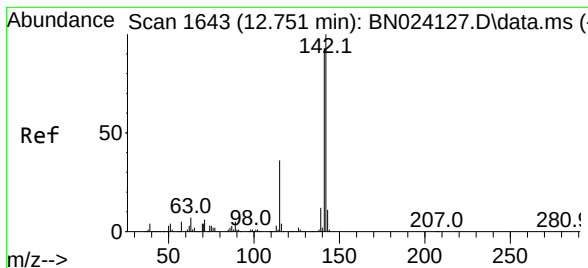
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#36
2-Methylnaphthalene
Concen: 5.050 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

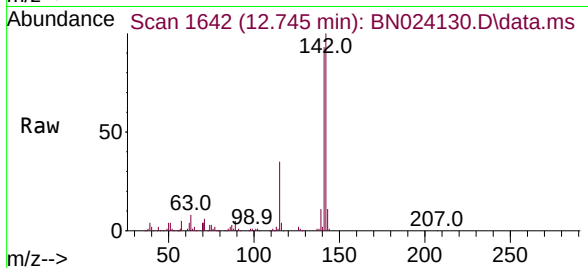
Tgt Ion:142 Resp: 200953
Ion Ratio Lower Upper
142 100
141 86.9 68.2 102.4





#37
1-Methylnaphthalene
Concen: 3.968 ng/ul
RT: 12.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

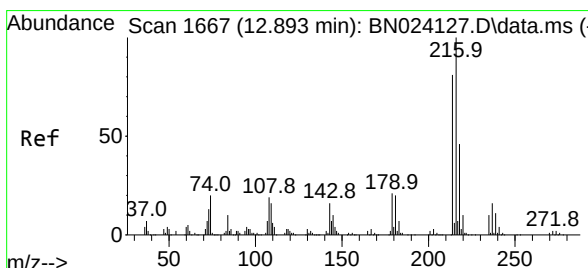
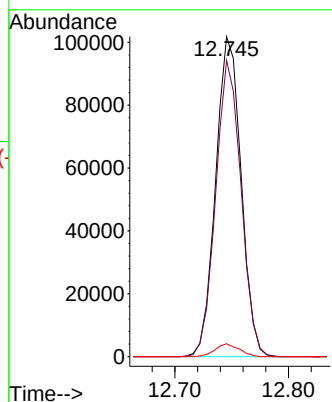
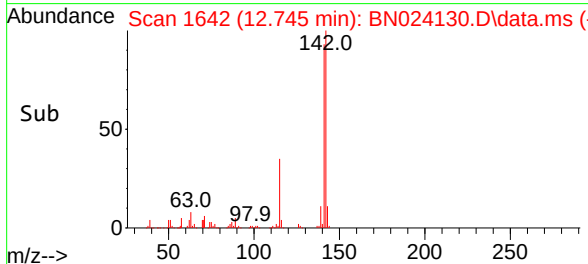
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-01



Tgt Ion:142 Resp: 158255
Ion Ratio Lower Upper
142 100
141 92.6 75.5 113.3
116 4.0 3.1 4.7

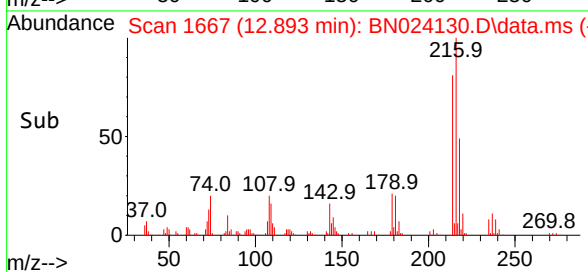
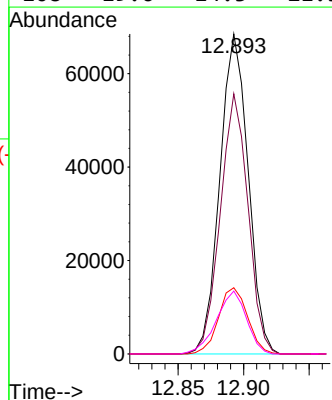
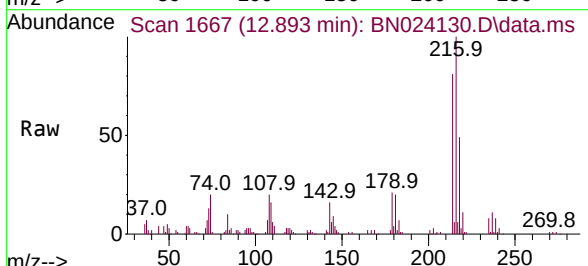
Manual Integrations
APPROVED

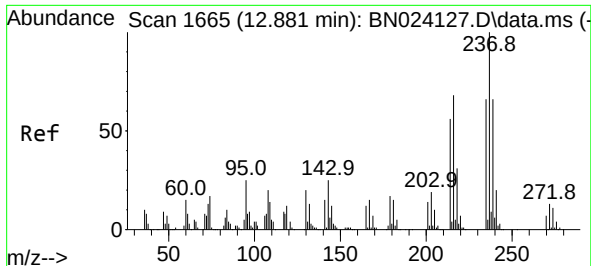
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.216 ng/ul
RT: 12.893 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

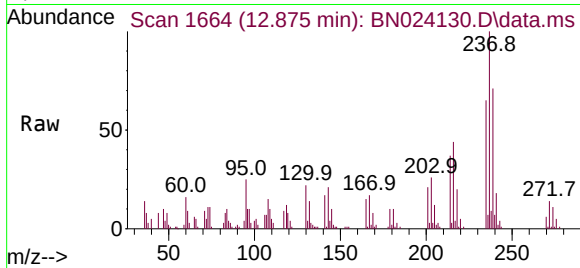
Tgt Ion:216 Resp: 102898
Ion Ratio Lower Upper
216 100
214 81.3 60.0 90.0
179 20.7 17.0 25.6
108 19.6 14.3 21.5





#40
Hexachlorocyclopentadiene
Concen: 4.317 ng/ul
RT: 12.875 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

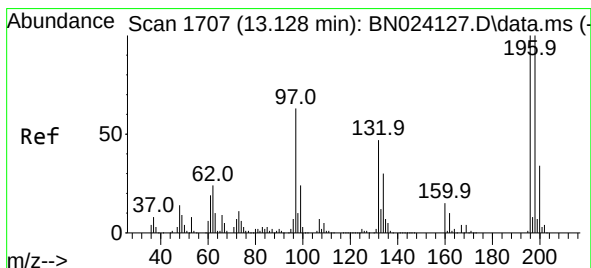
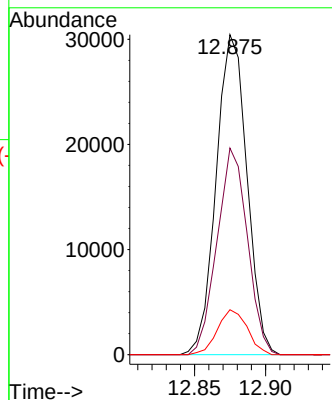
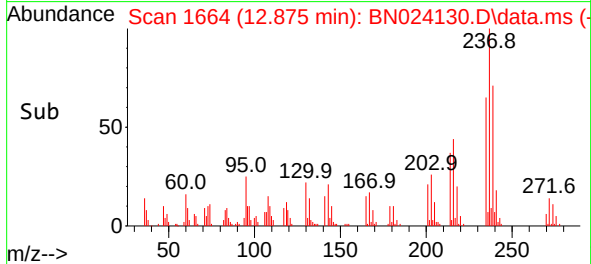
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:237 Resp: 45891
Ion Ratio Lower Upper
237 100
235 64.5 50.1 75.1
272 14.0 11.1 16.7

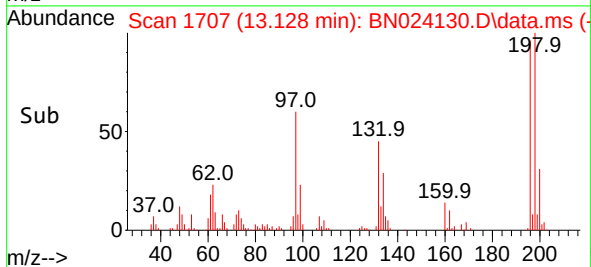
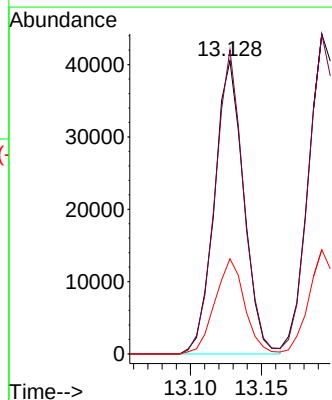
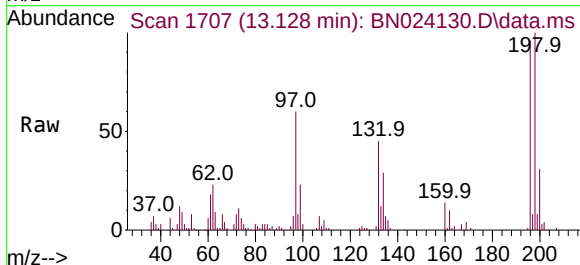
Manual Integrations
APPROVED

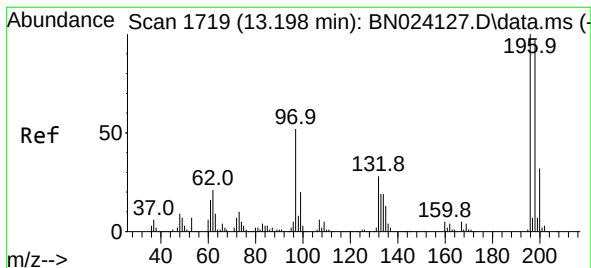
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#41
2,4,6-Trichlorophenol
Concen: 4.515 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

Tgt Ion:196 Resp: 58342
Ion Ratio Lower Upper
196 100
198 103.7 80.6 121.0
200 32.4 26.1 39.1





#42

2,4,5-Trichlorophenol

Concen: 4.708 ng/ul

RT: 13.193 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

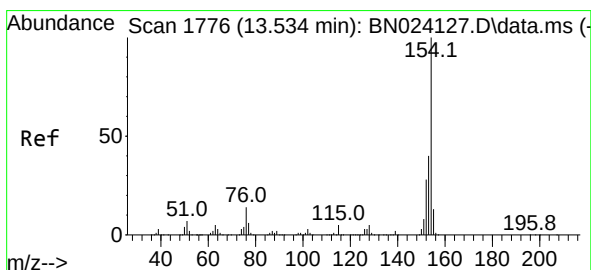
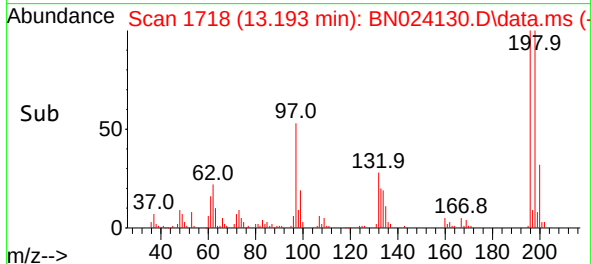
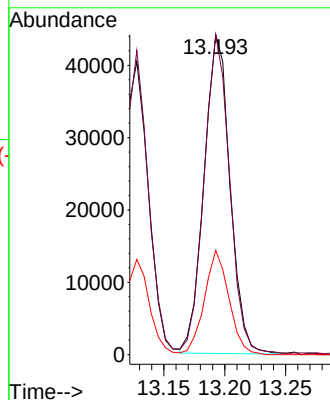
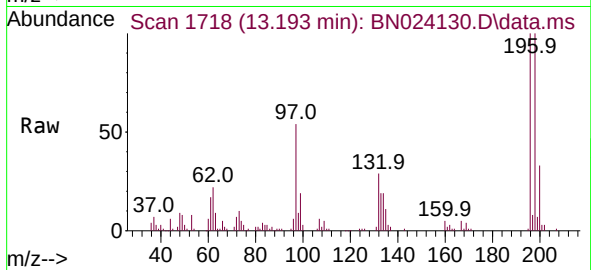
Tgt Ion:	196	Resp:	6551
Ion Ratio	Lower	Upper	
196	100		
198	100.0	79.7	119.5
200	32.6	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#43

1,1'-Biphenyl

Concen: 5.212 ng/ul

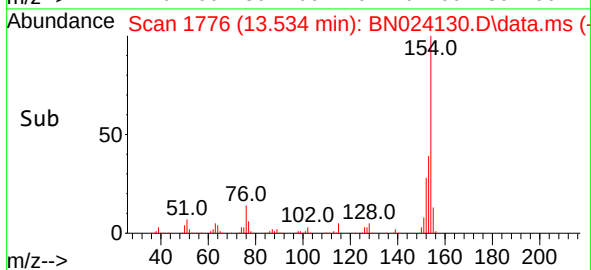
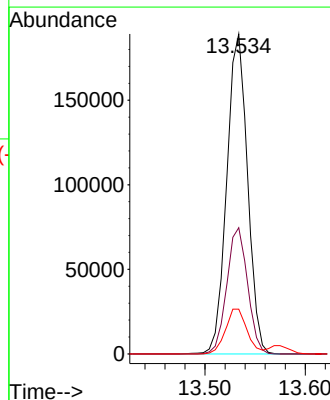
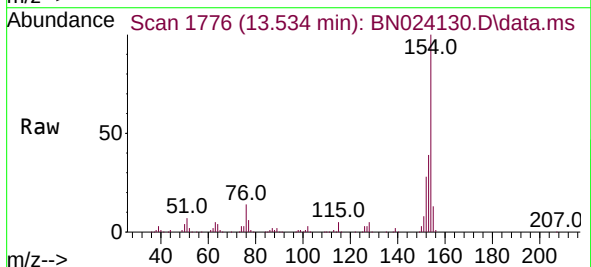
RT: 13.534 min Scan# 1776

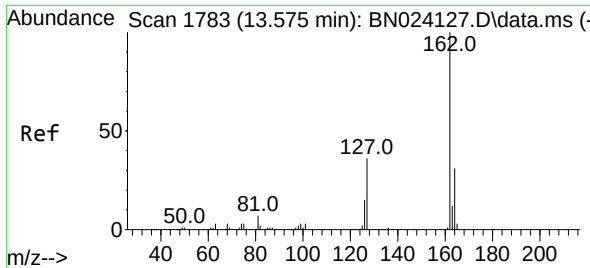
Delta R.T. -0.000 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

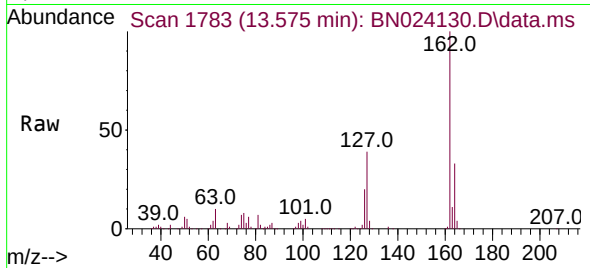
Tgt Ion:	154	Resp:	272143
Ion Ratio	Lower	Upper	
154	100		
153	39.4	30.8	46.2
76	14.0	11.1	16.7





#44
2-Chloronaphthalene
Concen: 5.223 ng/ul
RT: 13.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

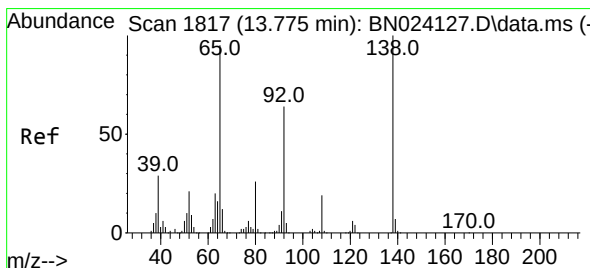
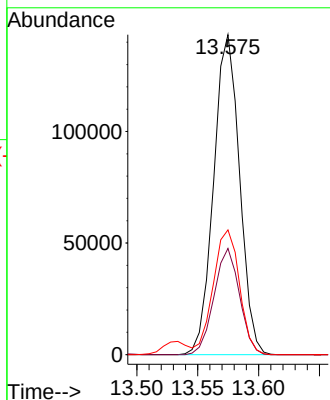
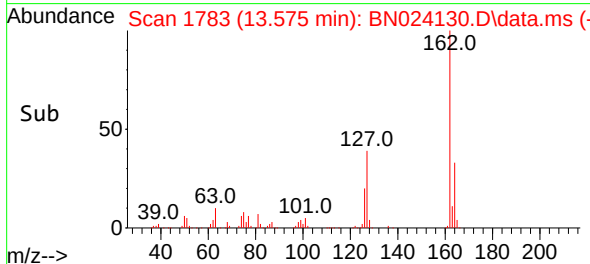
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



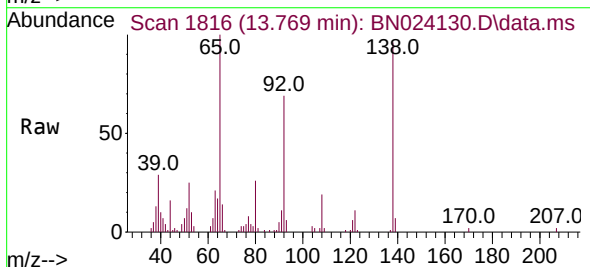
Tgt Ion:162 Resp: 212484
Ion Ratio Lower Upper
162 100
164 33.2 25.8 38.6
127 39.0 30.8 46.2

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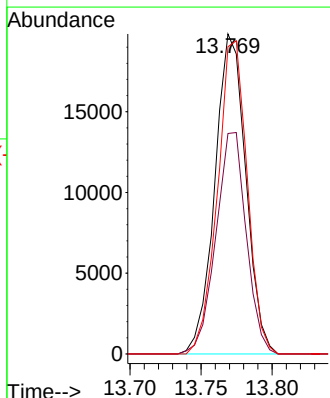
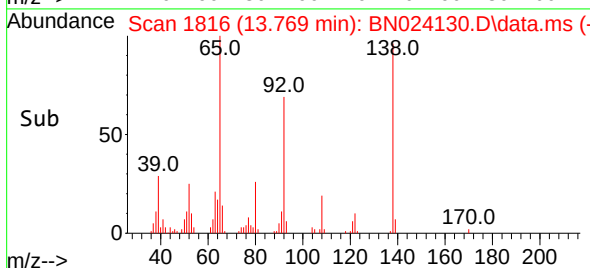
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

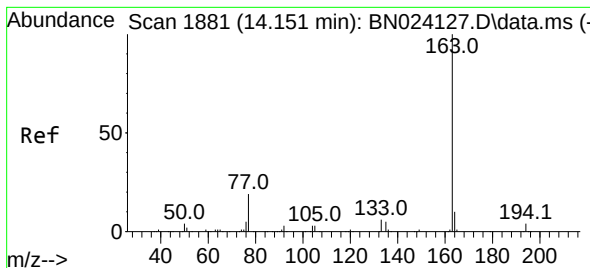


#45
2-Nitroaniline
Concen: 3.384 ng/ul
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



Tgt Ion: 65 Resp: 29992
Ion Ratio Lower Upper
65 100
92 68.9 53.8 80.8
138 96.0 84.1 126.1





#47

Dimethylphthalate

Concen: 5.106 ng/ul

RT: 14.145 min Scan# 1881

Delta R.T. -0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

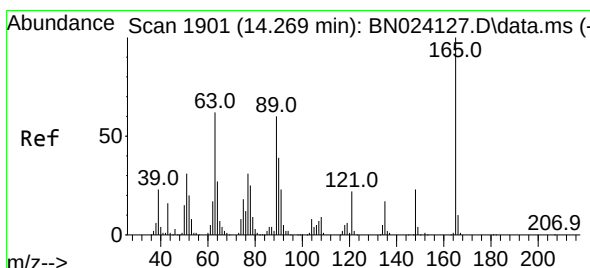
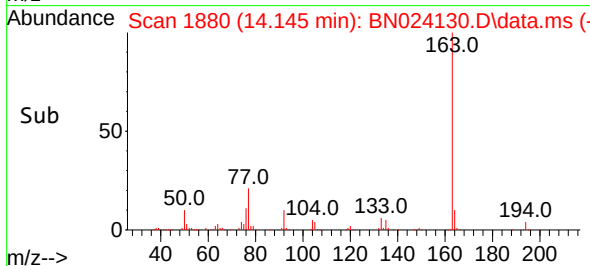
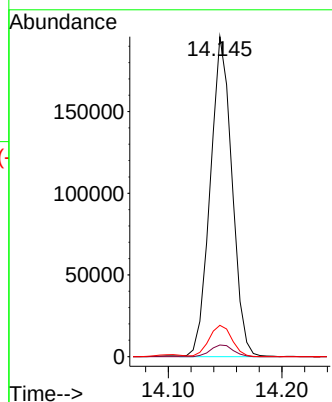
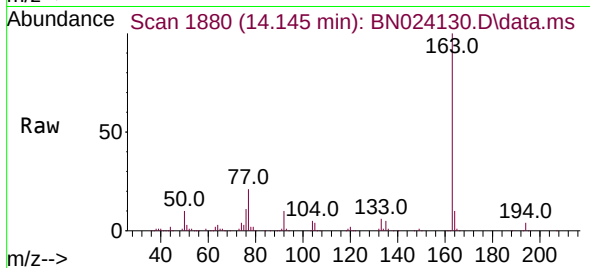
Tgt Ion:	163	Resp:	260385
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	9.8	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#48

2,6-Dinitrotoluene

Concen: 3.107 ng/ul

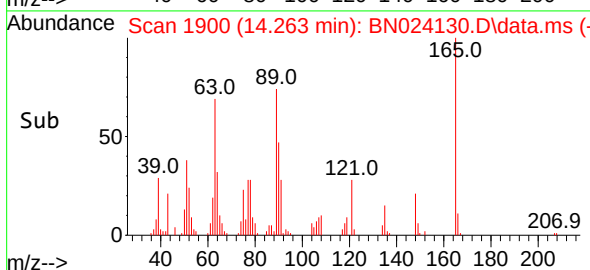
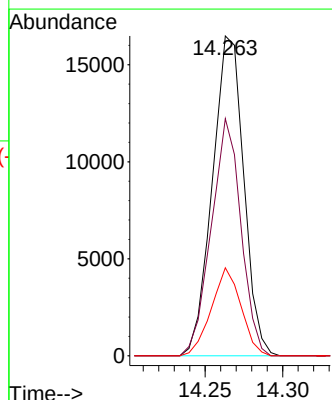
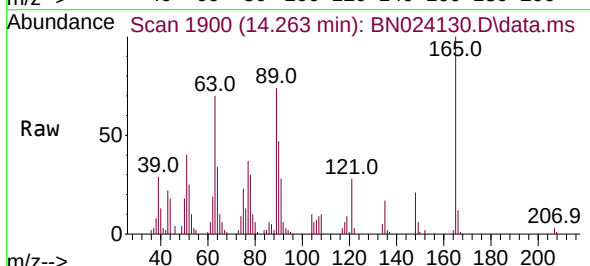
RT: 14.263 min Scan# 1900

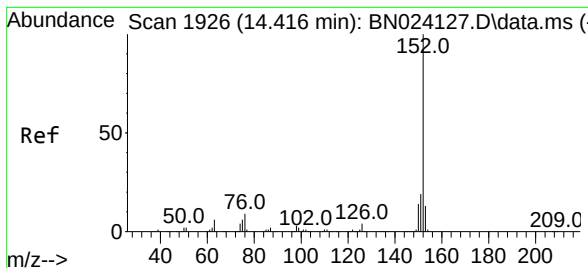
Delta R.T. -0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

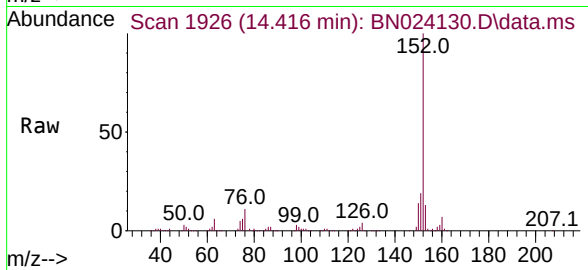
Tgt Ion:	165	Resp:	23318
Ion Ratio	Lower	Upper	
165	100		
89	74.1	52.6	78.8
121	27.5	19.4	29.2





#50
Acenaphthylene
Concen: 5.227 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

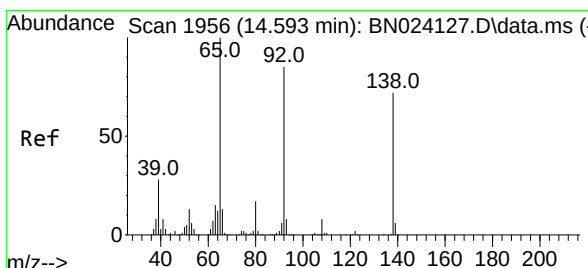
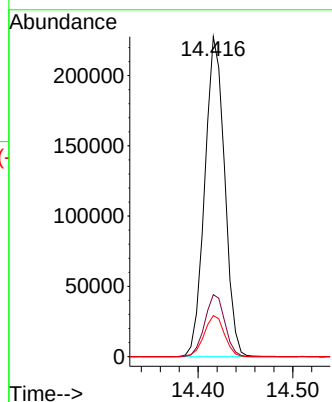
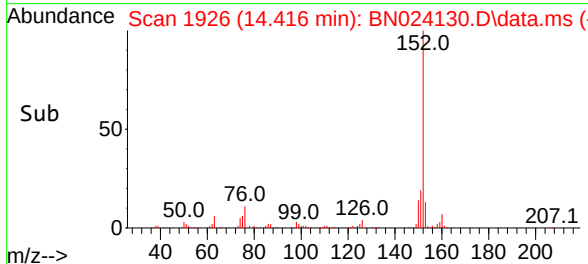
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-01



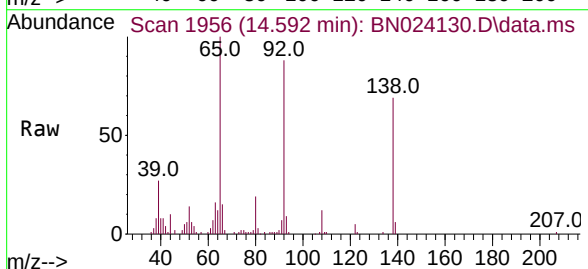
Tgt Ion:152 Resp: 331717
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 12.8 10.1 15.1

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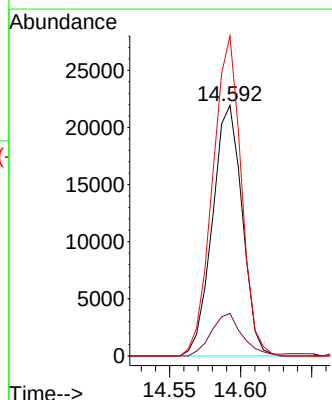
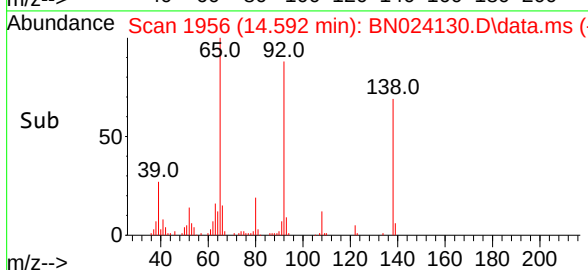
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

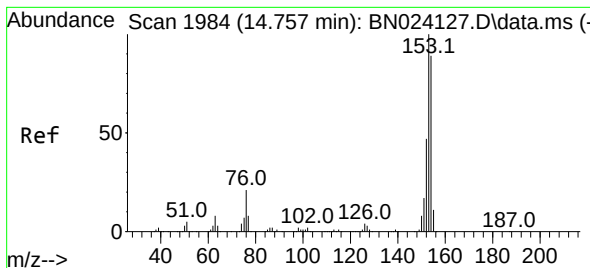


#51
3-Nitroaniline
Concen: 3.512 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



Tgt Ion:138 Resp: 32045
Ion Ratio Lower Upper
138 100
108 17.0 9.6 14.4#
92 127.8 95.3 142.9





#52

Acenaphthene

Concen: 5.311 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

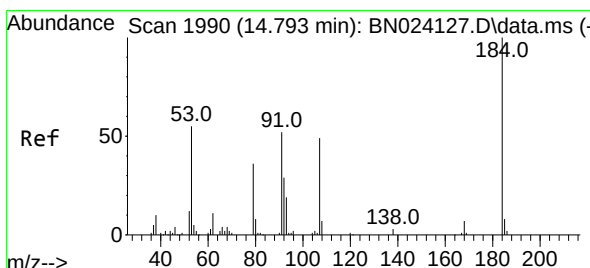
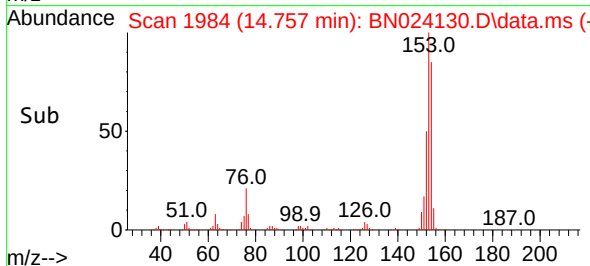
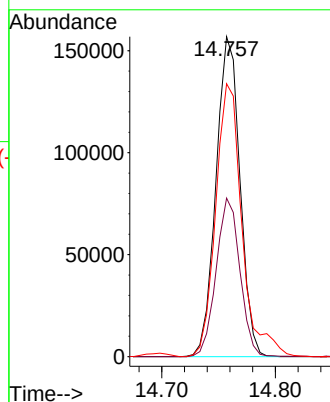
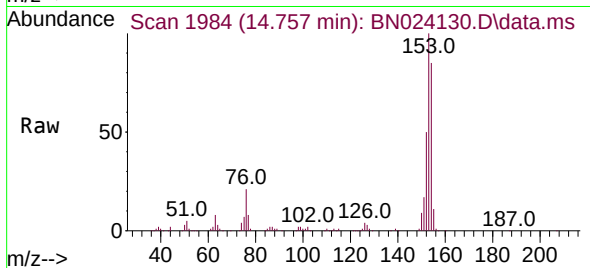
Tgt Ion:	153	Resp:	229889
Ion Ratio	Lower	Upper	
153	100		
152	49.5	39.7	59.5
154	85.3	70.6	106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#53

2,4-Dinitrophenol

Concen: 4.587 ng/ul

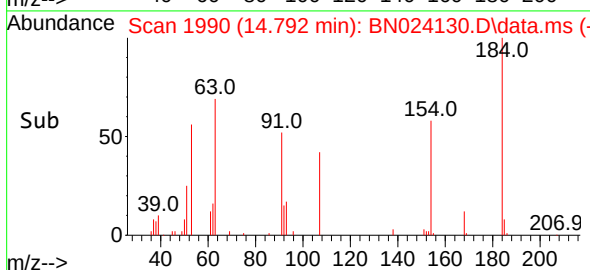
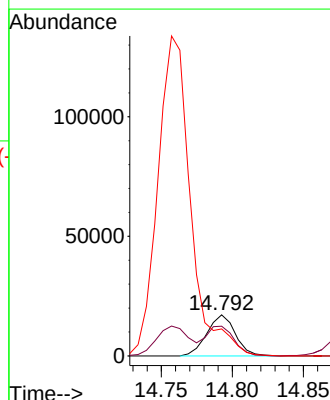
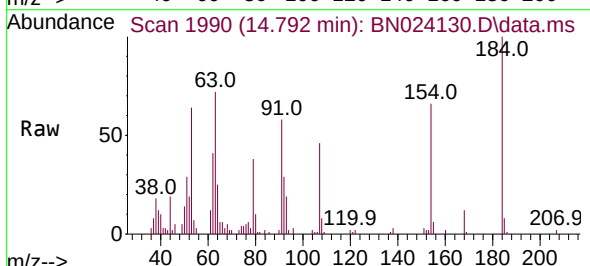
RT: 14.792 min Scan# 1990

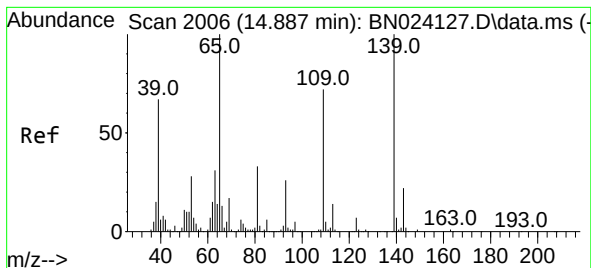
Delta R.T. -0.000 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

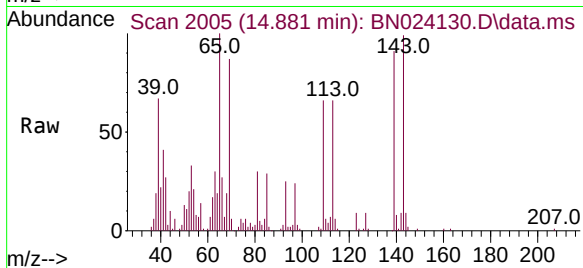
Tgt Ion:	184	Resp:	23837
Ion Ratio	Lower	Upper	
184	100		
63	72.5	61.6	92.4
154	65.6	50.2	75.4





#55
4-Nitrophenol
Concen: 4.670 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

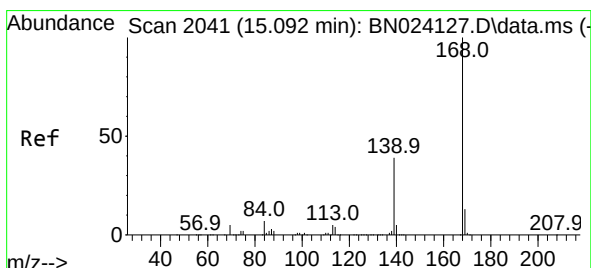
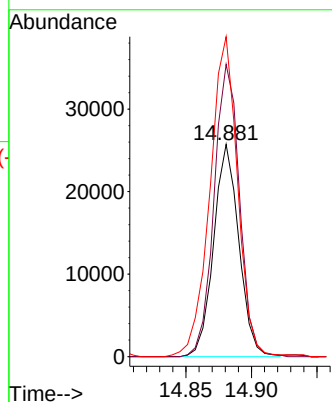
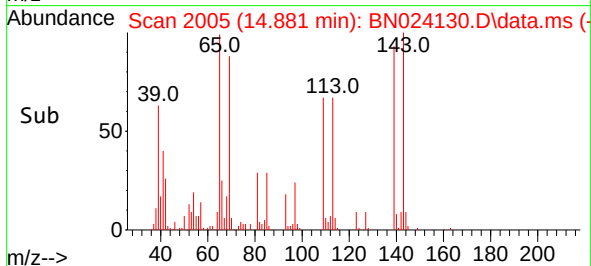
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:109 Resp: 34394
Ion Ratio Lower Upper
109 100
139 137.8 115.0 172.4
65 150.8 115.7 173.5

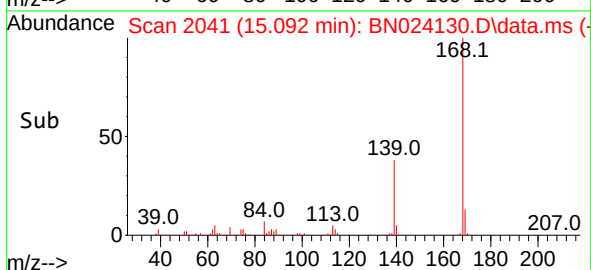
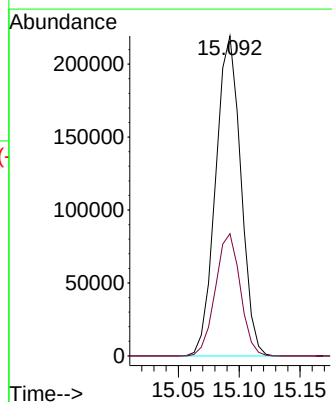
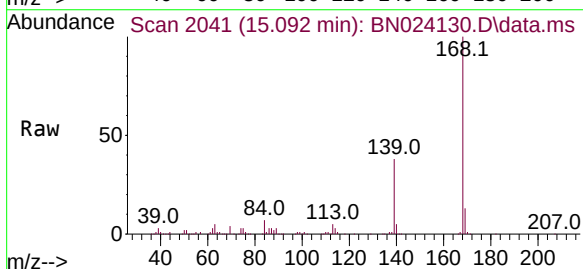
Manual Integrations
APPROVED

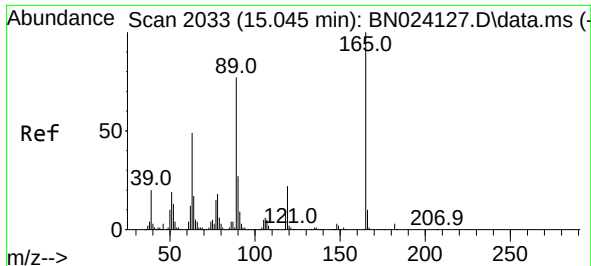
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#56
Dibenzofuran
Concen: 5.200 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

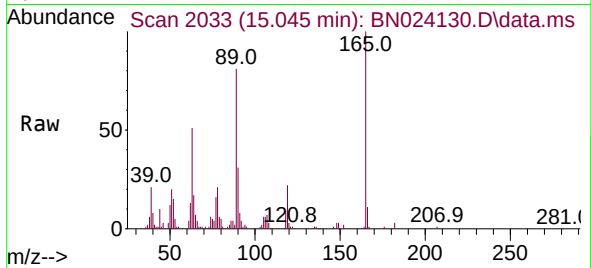
Tgt Ion:168 Resp: 316206
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.737 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

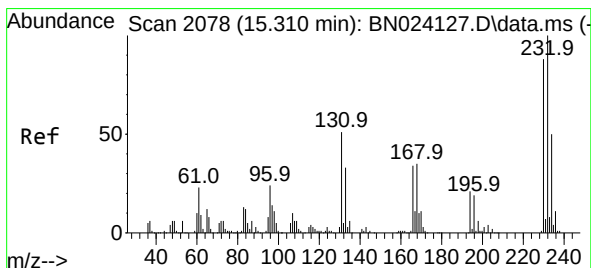
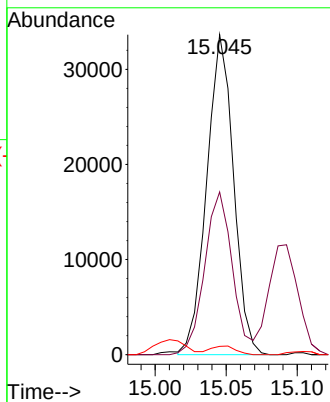
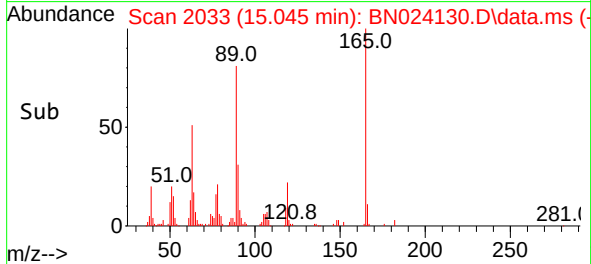
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



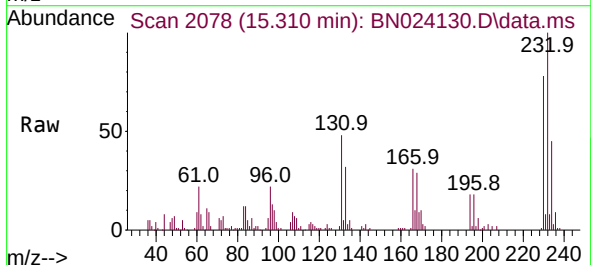
Tgt Ion:165 Resp: 44221
Ion Ratio Lower Upper
165 100
63 50.8 38.5 57.7
182 2.6 2.2 3.4

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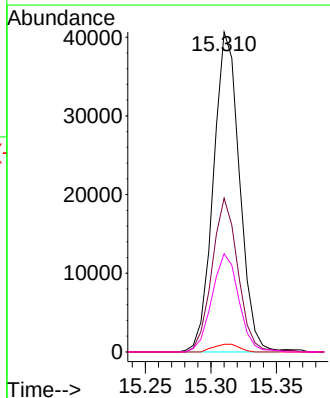
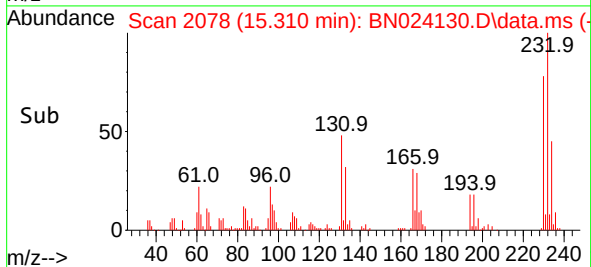
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

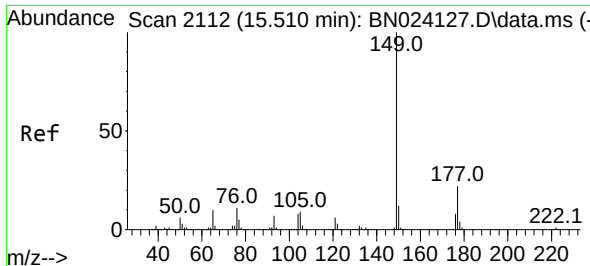


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.715 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



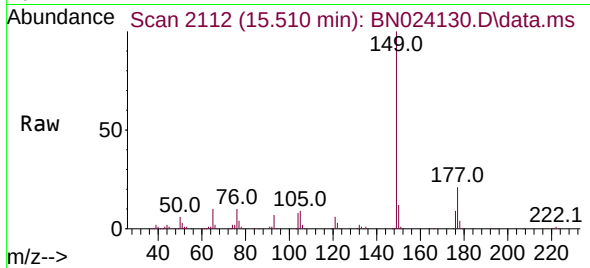
Tgt Ion:232 Resp: 56413
Ion Ratio Lower Upper
232 100
131 48.0 38.5 57.7
130 2.4 2.0 3.0
166 30.7 26.0 39.0





#59
Diethylphthalate
Concen: 5.054 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

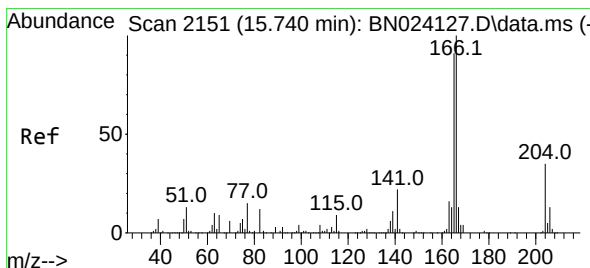
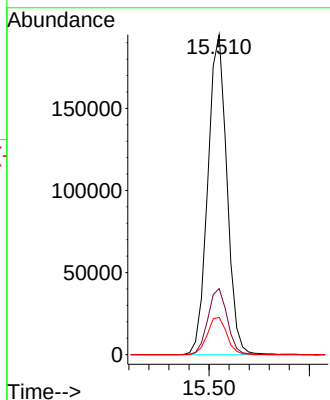
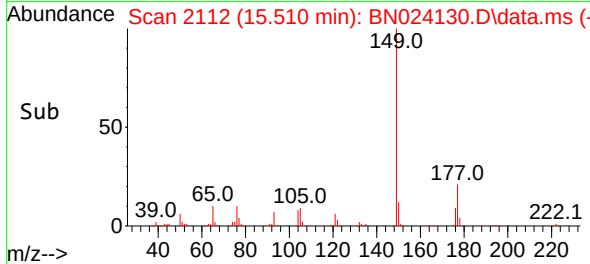
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



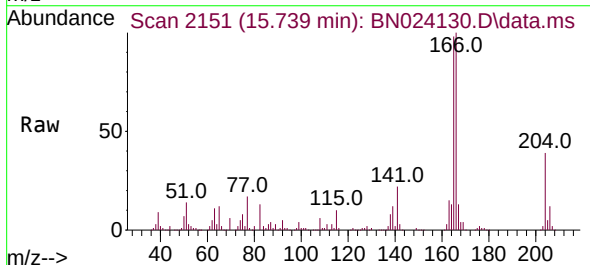
Tgt Ion:149 Resp: 256903
Ion Ratio Lower Upper
149 100
177 20.6 16.9 25.3
150 11.7 9.7 14.5

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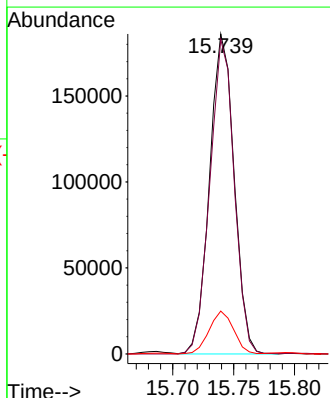
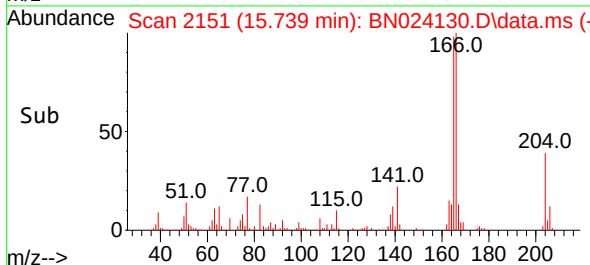
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

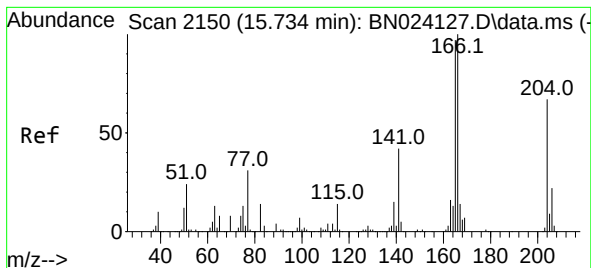


#61
Fluorene
Concen: 5.488 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



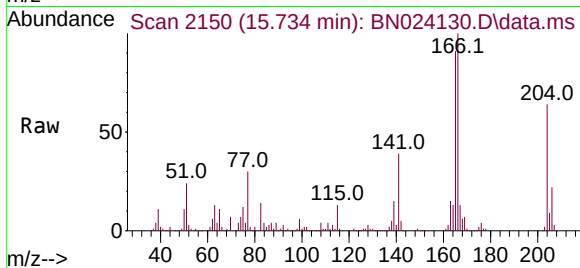
Tgt Ion:166 Resp: 261490
Ion Ratio Lower Upper
166 100
165 98.2 75.6 113.4
167 13.4 11.2 16.8





#62
4-Chlorophenyl-phenylether
Concen: 5.399 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

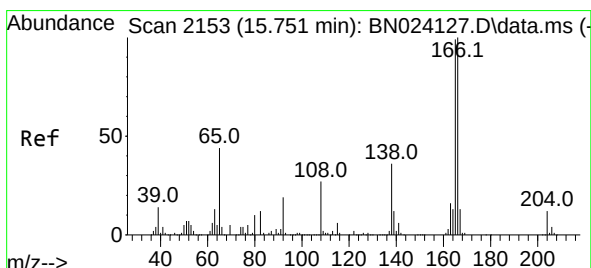
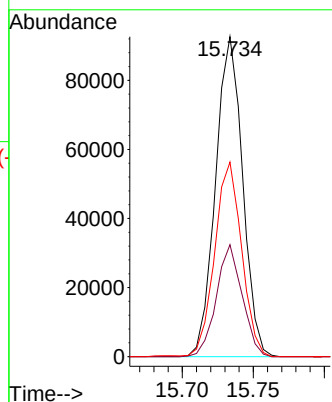
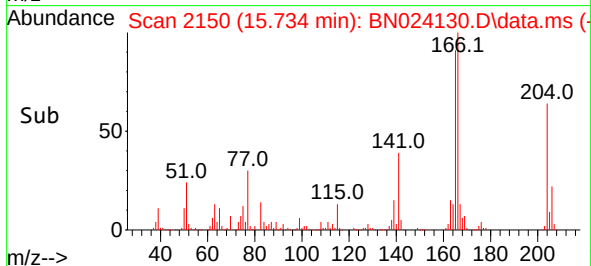
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



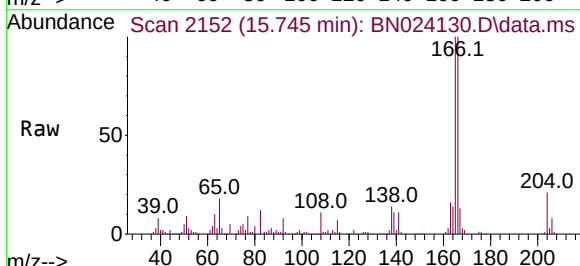
Tgt Ion:204 Resp: 122989
Ion Ratio Lower Upper
204 100
206 35.0 27.1 40.7
141 60.8 47.4 71.0

Manual Integrations
APPROVED

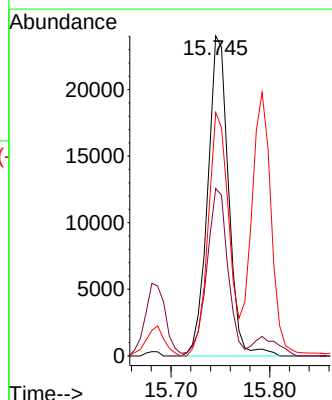
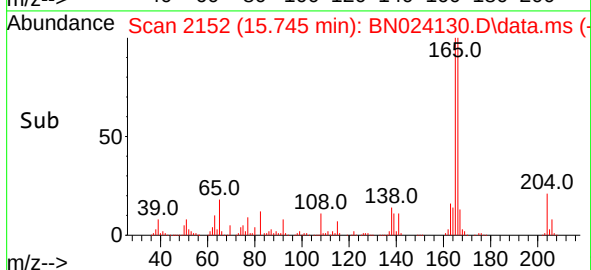
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

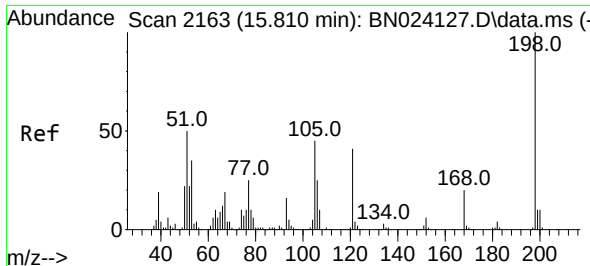


#63
4-Nitroaniline
Concen: 3.992 ng/ul m
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



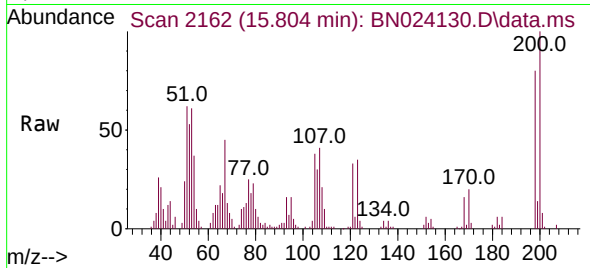
Tgt Ion:138 Resp: 35225
Ion Ratio Lower Upper
138 100
92 52.3 40.0 60.0
108 76.0 60.4 90.6





#66
4,6-Dinitro-2-methylphenol
Concen: 4.433 ng/ul
RT: 15.804 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

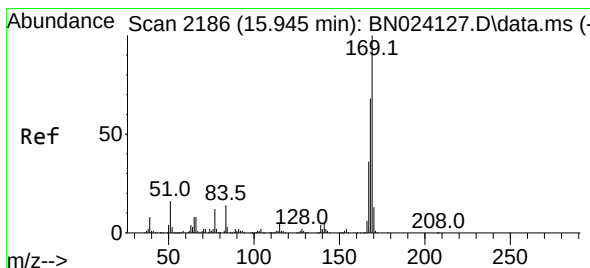
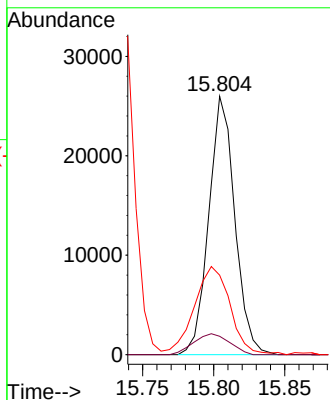
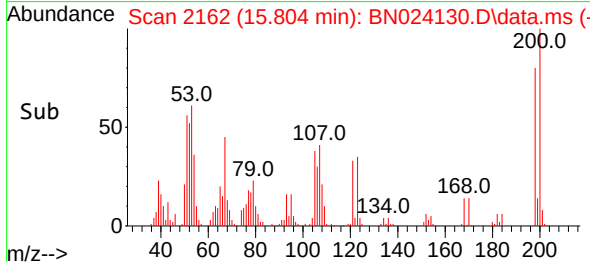
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:198 Resp: 33160
Ion Ratio Lower Upper
198 100
182 7.1 3.4 5.0
77 30.8 20.4 30.6

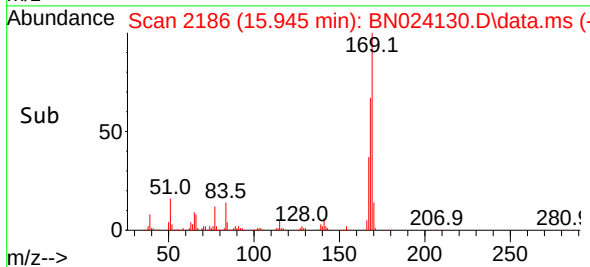
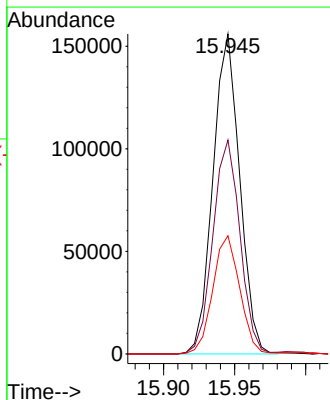
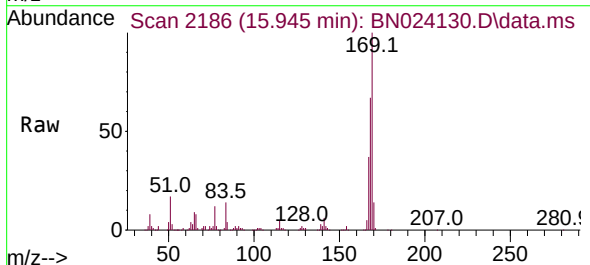
Manual Integrations
APPROVED

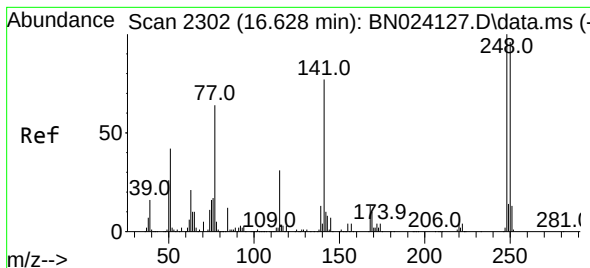
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#67
N-Nitrosodiphenylamine
Concen: 5.022 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

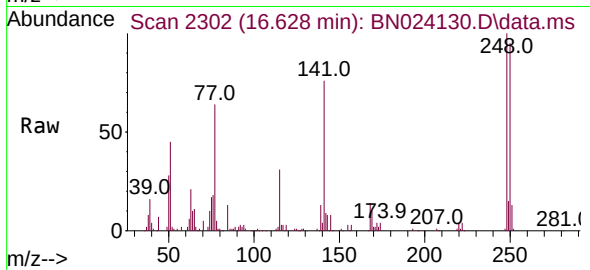
Tgt Ion:169 Resp: 204117
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 36.9 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 5.154 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

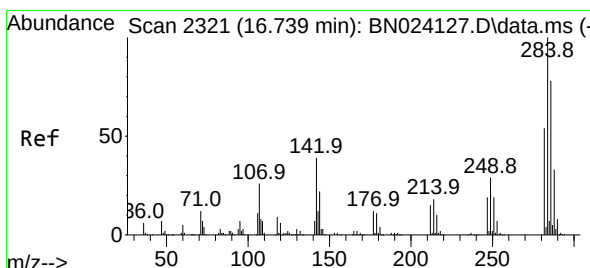
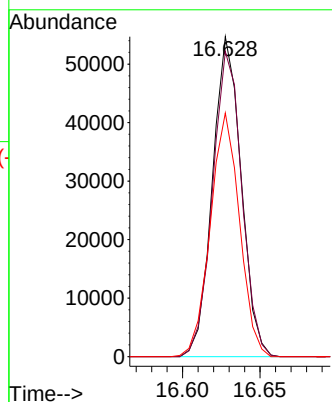
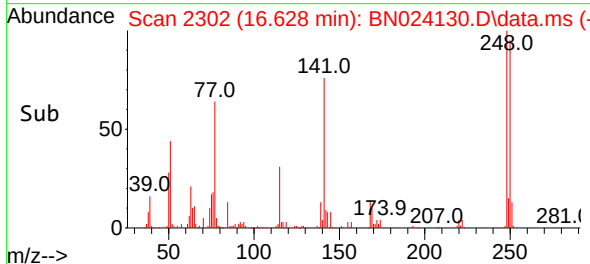
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



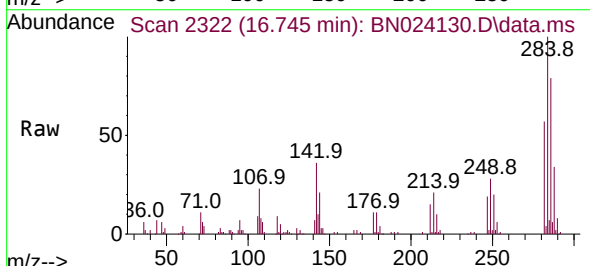
Tgt Ion:248 Resp: 70329
Ion Ratio Lower Upper
248 100
250 95.3 76.6 115.0
141 76.1 61.4 92.0

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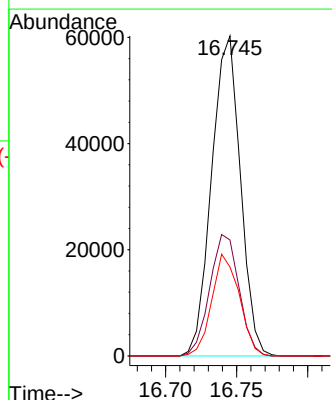
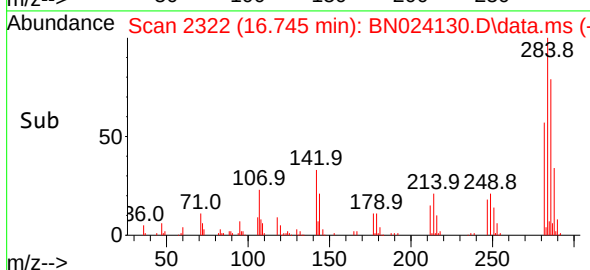
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

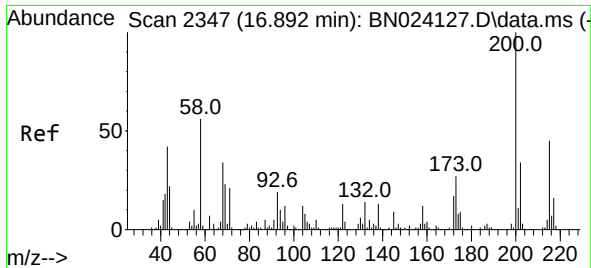


#69
Hexachlorobenzene
Concen: 5.125 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



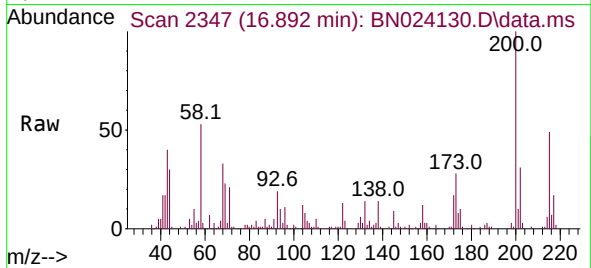
Tgt Ion:284 Resp: 85089
Ion Ratio Lower Upper
284 100
142 36.2 29.0 43.6
249 27.8 25.0 37.6





#70
Atrazine
Concen: 4.349 ng/ul
RT: 16.892 min Scan# 2347
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

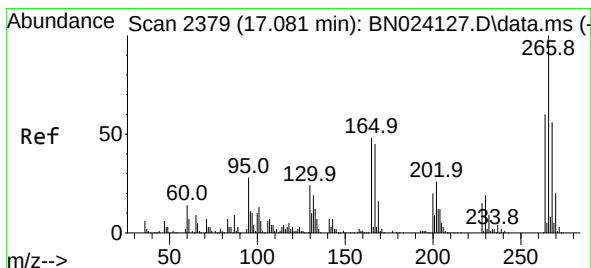
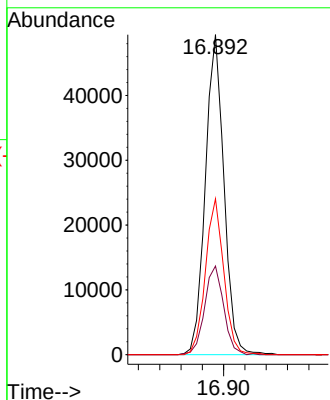
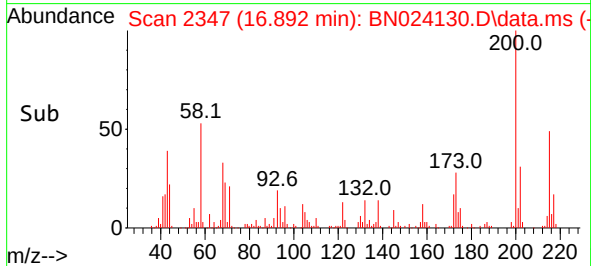
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-01



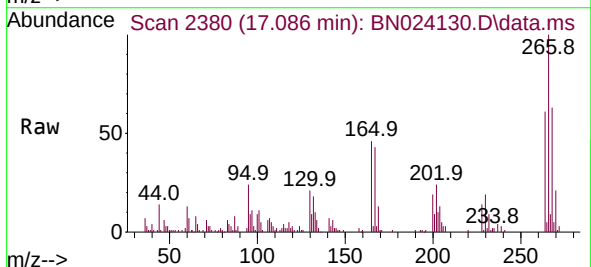
Tgt Ion:200 Resp: 59836
Ion Ratio Lower Upper
200 100
173 27.7 20.7 31.1
215 48.7 38.8 58.2

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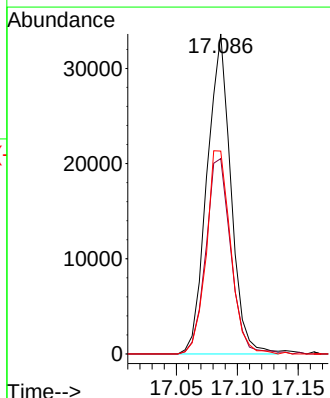
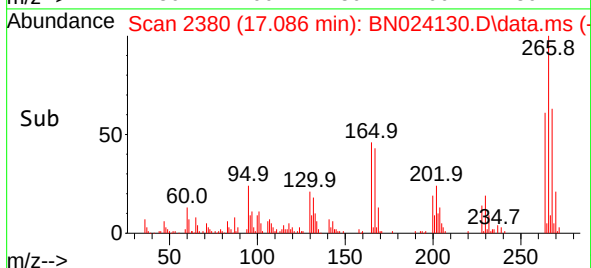
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

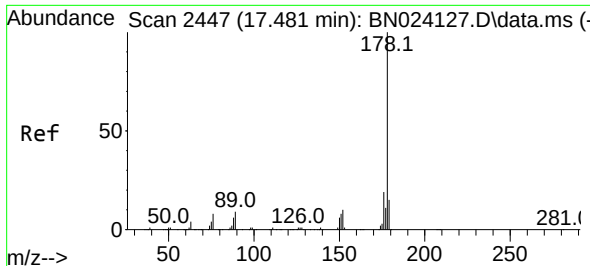


#71
Pentachlorophenol
Concen: 4.452 ng/ul
RT: 17.086 min Scan# 2380
Delta R.T. 0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



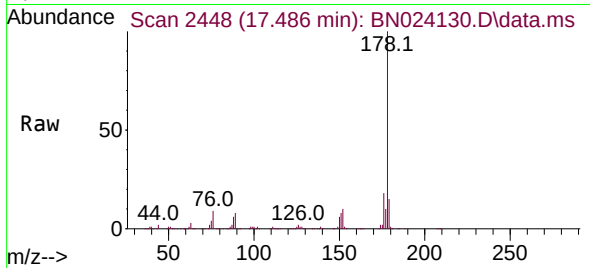
Tgt Ion:266 Resp: 45721
Ion Ratio Lower Upper
266 100
264 61.0 49.5 74.3
268 63.4 51.3 76.9





#72
Phenanthrene
Concen: 5.301 ng/u1
RT: 17.486 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

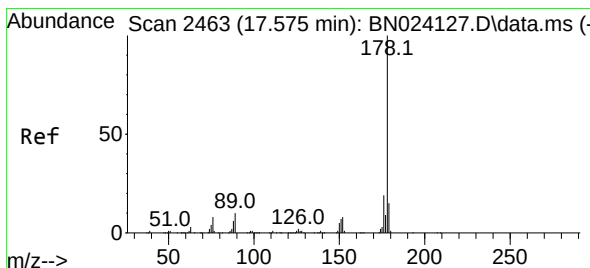
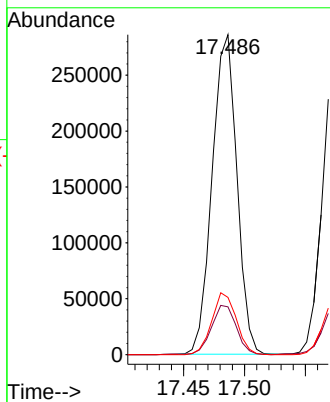
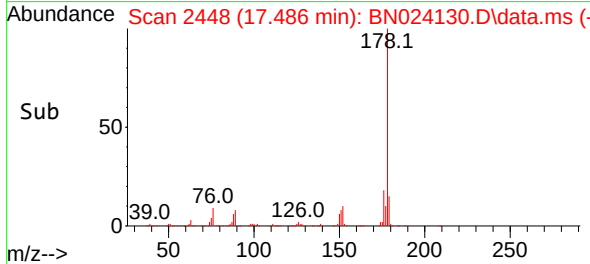
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-01



Tgt Ion:178 Resp: 403050
Ion Ratio Lower Upper
178 100
179 14.9 11.6 17.4
176 17.9 14.9 22.3

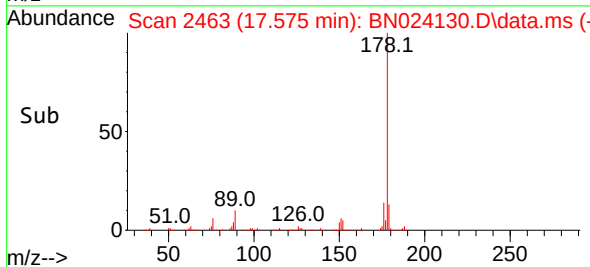
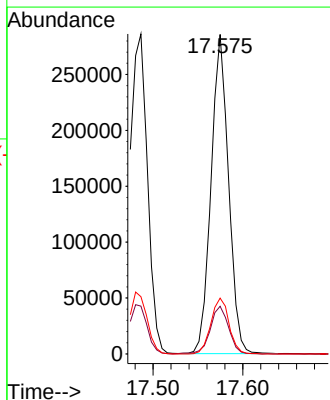
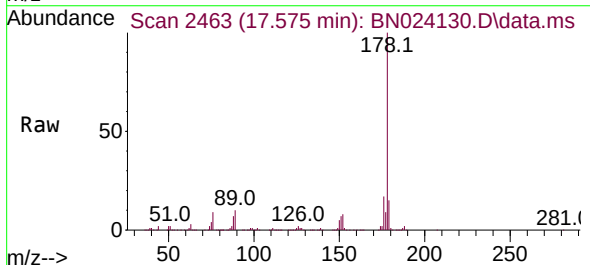
Manual Integrations
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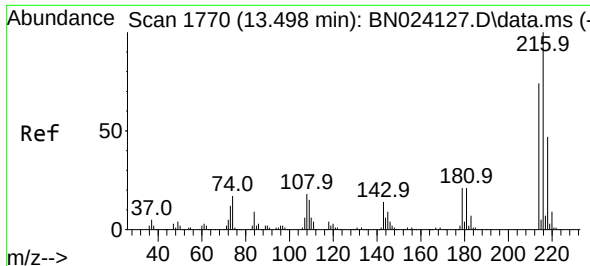
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023



#74
Anthracene
Concen: 5.033 ng/u1
RT: 17.575 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

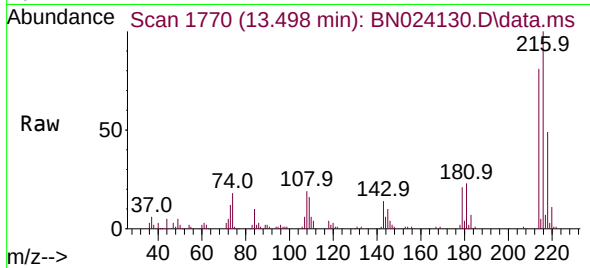
Tgt Ion:178 Resp: 385881
Ion Ratio Lower Upper
178 100
179 14.9 11.9 17.9
176 17.4 14.6 21.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.037 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

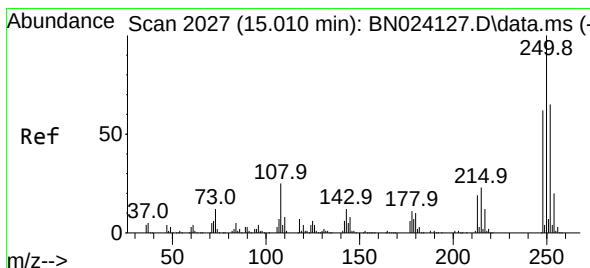
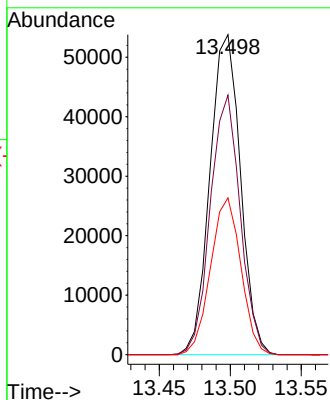
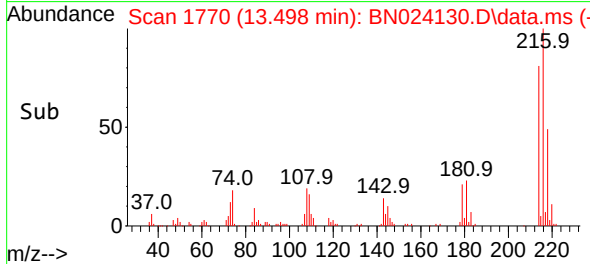
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-01



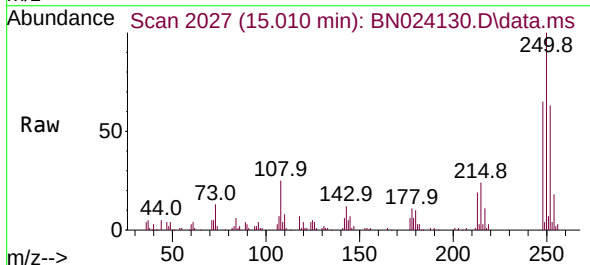
Tgt Ion:216 Resp: 80754
Ion Ratio Lower Upper
216 100
214 81.1 59.6 89.4
218 49.0 37.0 55.4

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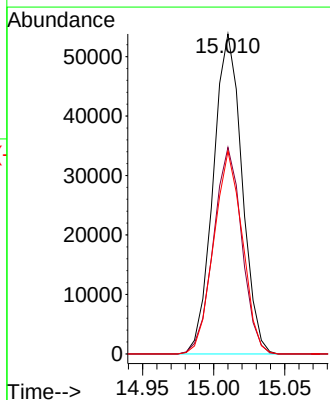
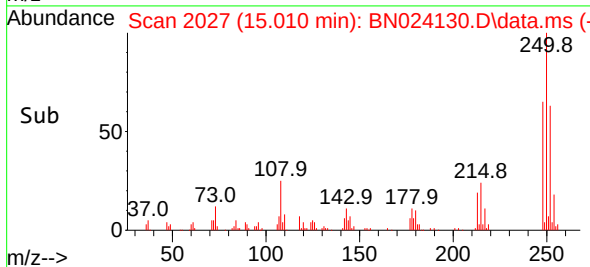
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

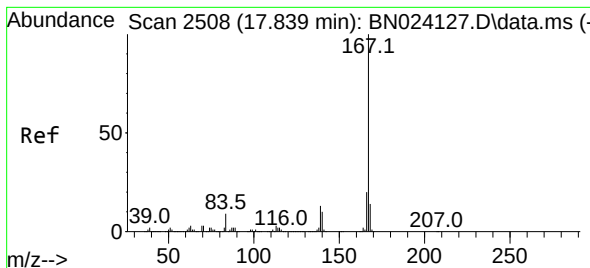


#76
Pentachlorobenzene
Concen: 3.892 ng/uL
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



Tgt Ion:250 Resp: 75870
Ion Ratio Lower Upper
250 100
248 64.5 53.0 79.4
252 63.3 54.6 81.8





#77

Carbazole

Concen: 5.156 ng/ul

RT: 17.839 min Scan# 2508

Delta R.T. -0.000 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

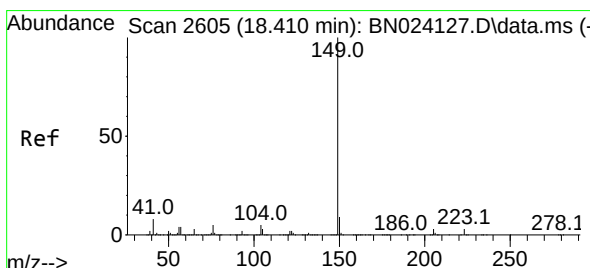
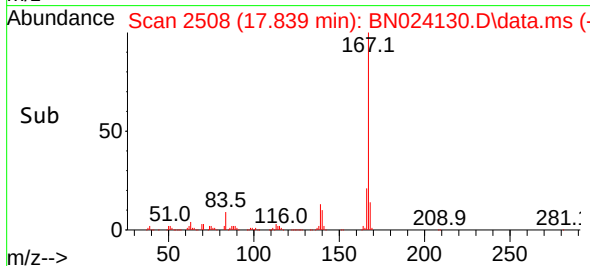
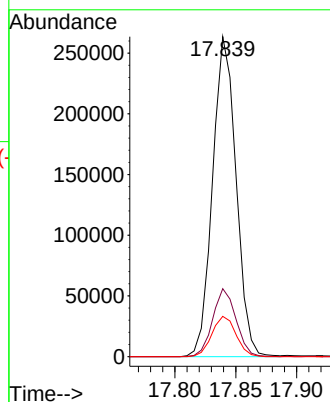
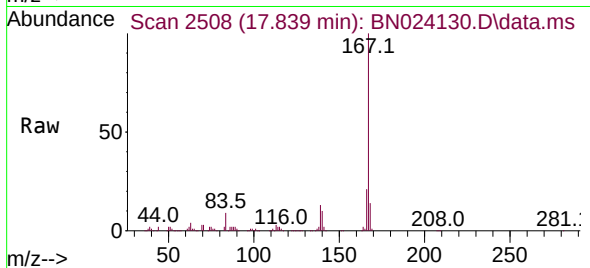
MDL-SOIL-QT1-2023-01

Tgt Ion:167 Resp: 354023
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.6 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: 4.765 ng/ul

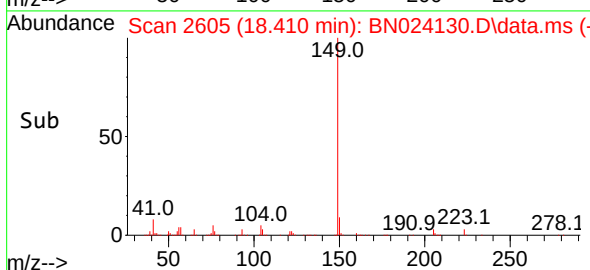
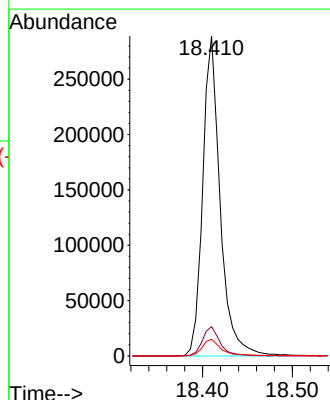
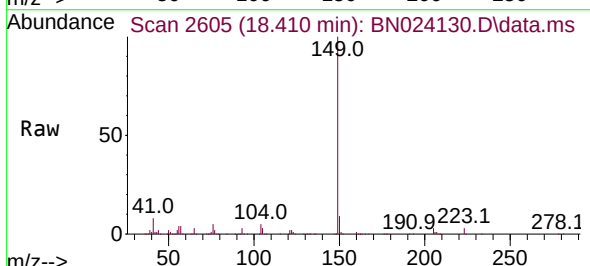
RT: 18.410 min Scan# 2605

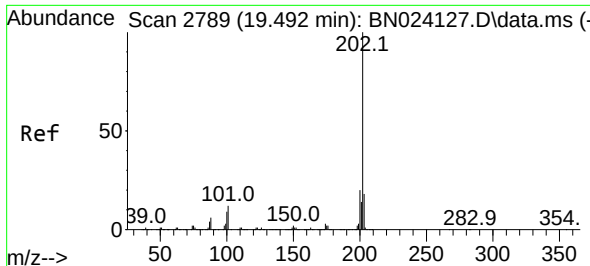
Delta R.T. -0.000 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

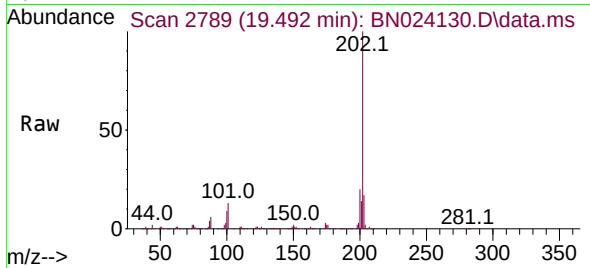
Tgt Ion:149 Resp: 389386
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.0 6.0





#80
Fluoranthene
Concen: 5.085 ng/ul
RT: 19.492 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48

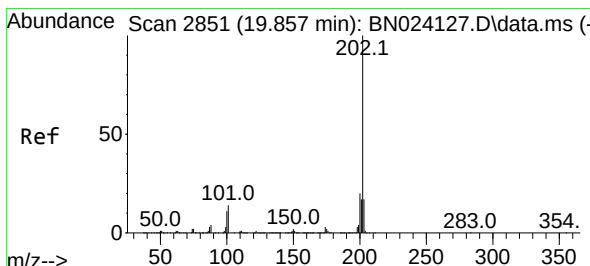
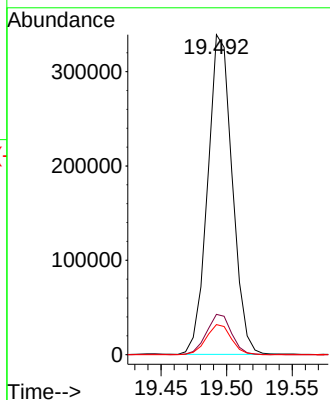
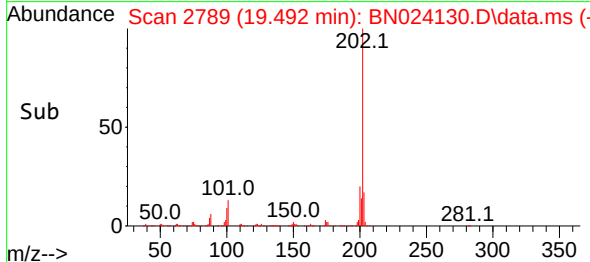
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-01



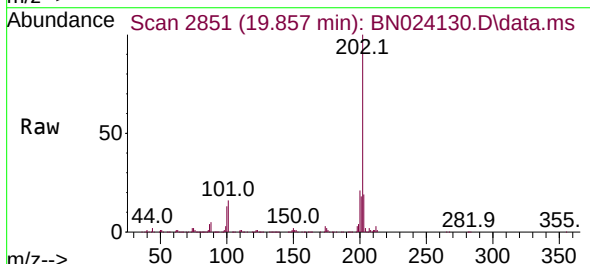
Tgt Ion:202 Resp: 442236
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.4 7.6 11.4

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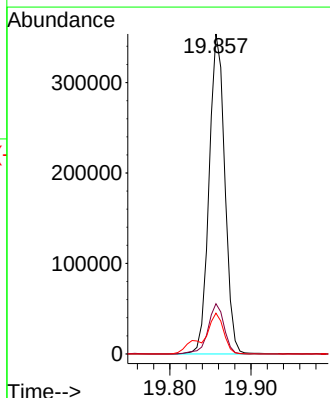
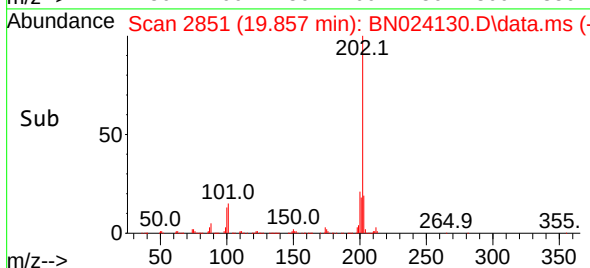
Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

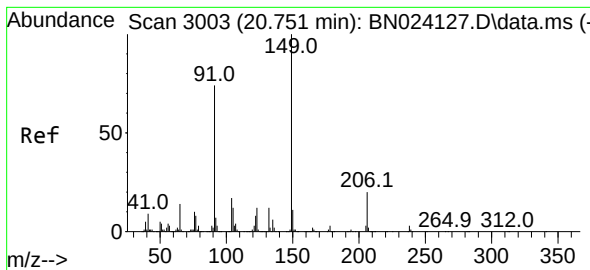


#82
Pyrene
Concen: 5.191 ng/ul
RT: 19.857 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BN024130.D
Acq: 06 Mar 2023 11:48



Tgt Ion:202 Resp: 476289
Ion Ratio Lower Upper
202 100
101 15.7 11.9 17.9
100 12.7 9.9 14.9





#83

Butylbenzylphthalate

Concen: 4.151 ng/ul

RT: 20.757 min Scan# 3004

Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

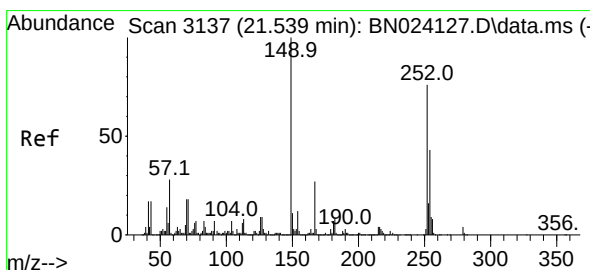
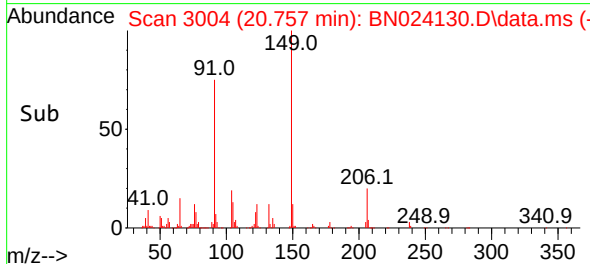
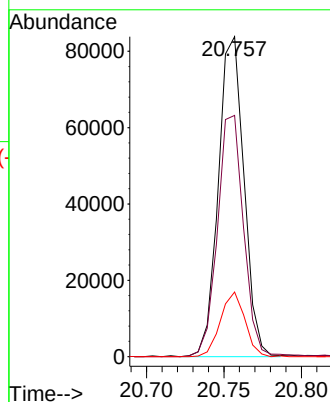
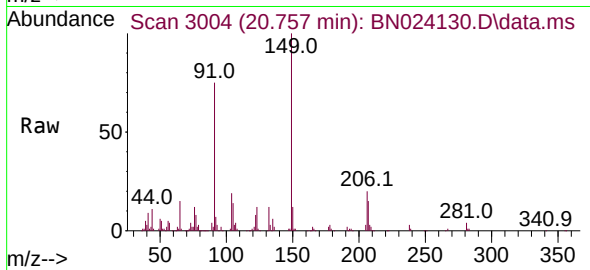
Tgt Ion:149	Resp:	96988
Ion Ratio	Lower	Upper
149	100	
91	75.4	62.2 93.2
206	20.2	16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.648 ng/ul

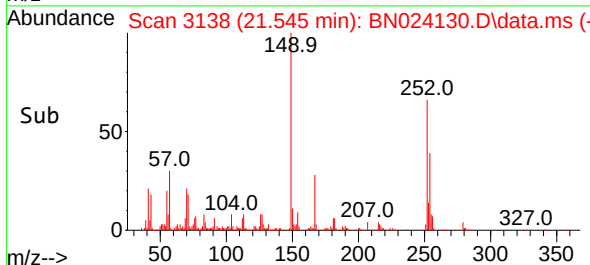
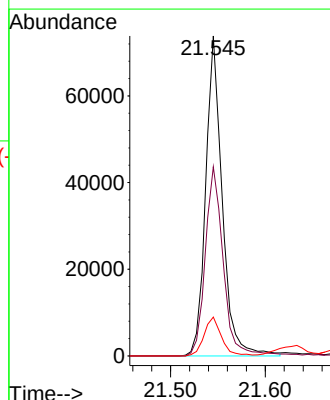
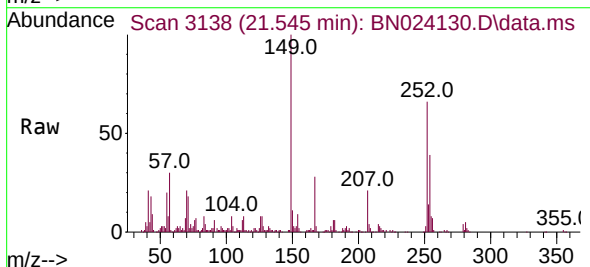
RT: 21.545 min Scan# 3138

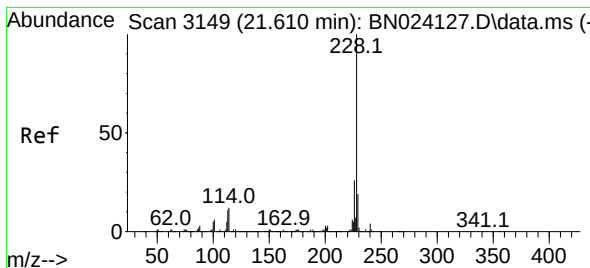
Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Tgt Ion:252	Resp:	90005
Ion Ratio	Lower	Upper
252	100	
254	59.1	54.6 81.8
126	12.1	11.0 16.6





#85

Benzo(a)anthracene

Concen: 4.987 ng/ul

RT: 21.616 min Scan# 3149

Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

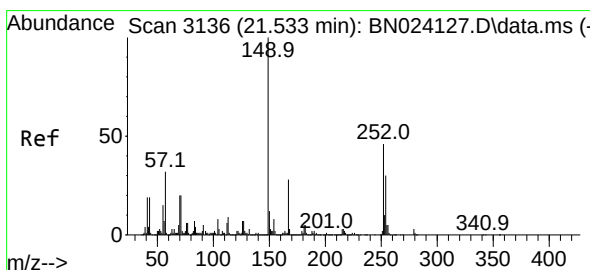
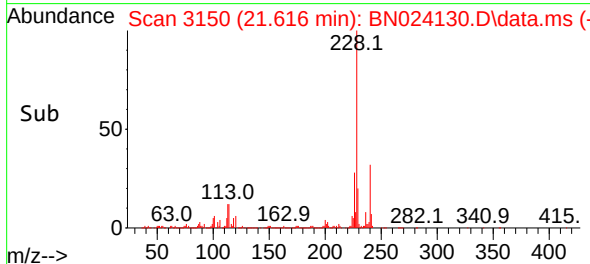
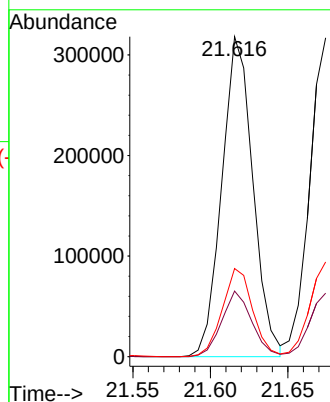
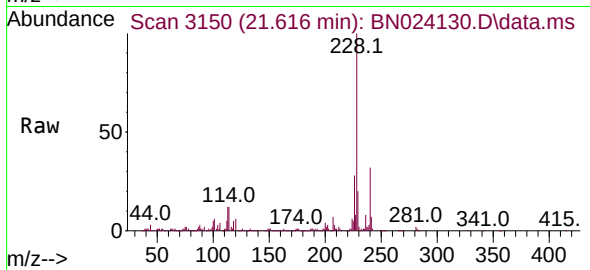
Tgt Ion:	228	Resp:	44494
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.3	24.5
226	27.5	22.6	34.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.209 ng/ul

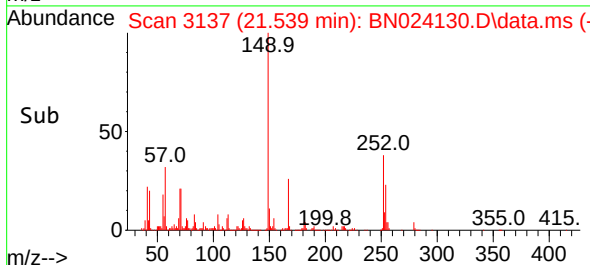
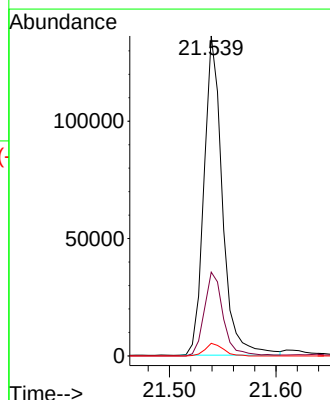
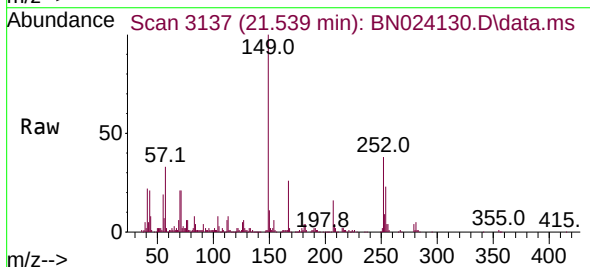
RT: 21.539 min Scan# 3137

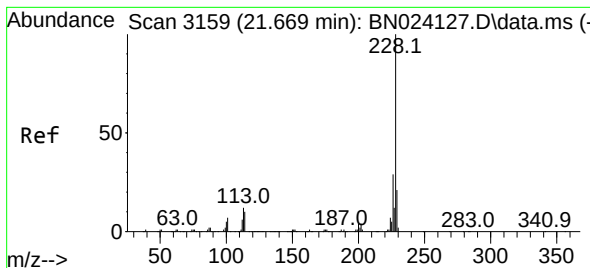
Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Tgt Ion:	149	Resp:	163237
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.6	32.4
279	3.9	3.4	5.2





#87

Chrysene

Concen: 5.152 ng/ul

RT: 21.674 min Scan# 3159

Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

Tgt Ion:228 Resp: 439987

Ion Ratio Lower Upper

228 100

226 29.7 25.8 38.6

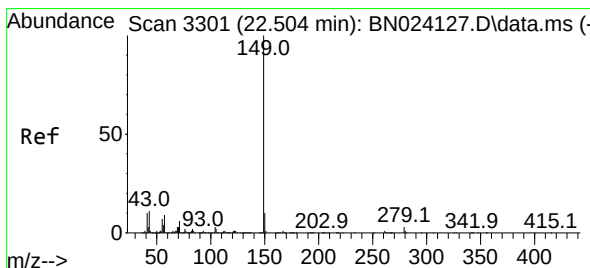
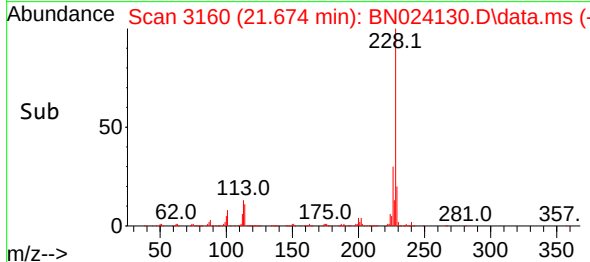
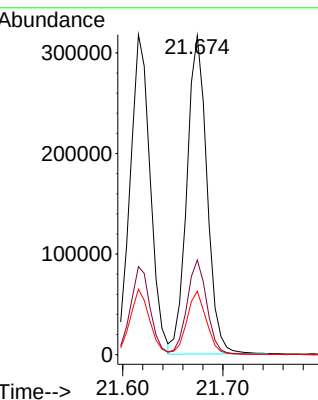
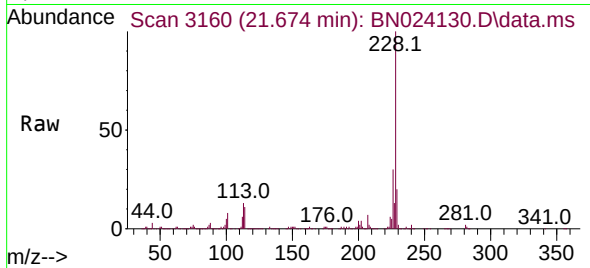
229 19.9 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#89

Di-n-octyl phthalate

Concen: 3.701 ng/ul

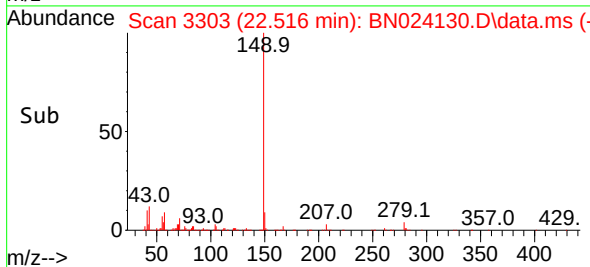
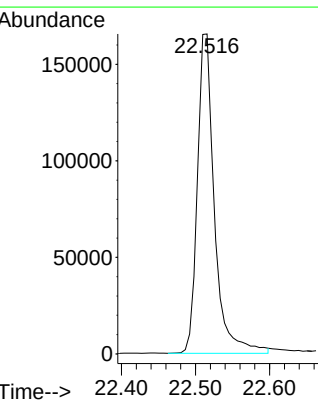
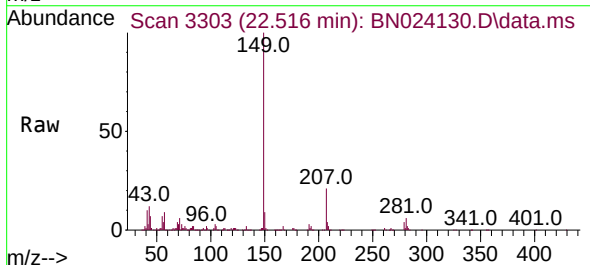
RT: 22.516 min Scan# 3303

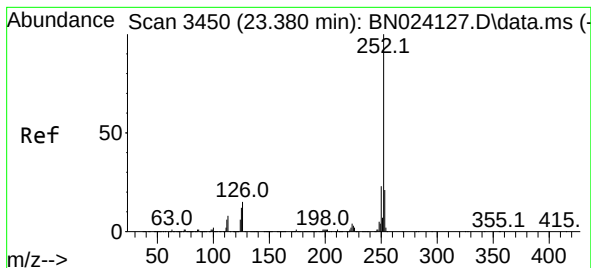
Delta R.T. 0.012 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Tgt Ion:149 Resp: 264645





#90

Benzo(b)fluoranthene

Concen: 5.096 ng/ul

RT: 23.386 min Scan# 3450

Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

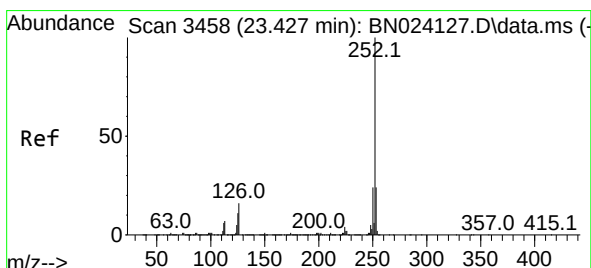
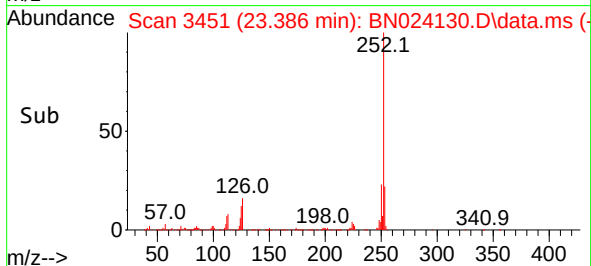
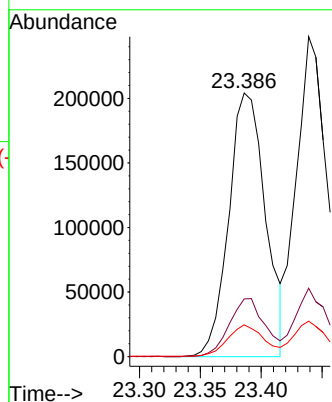
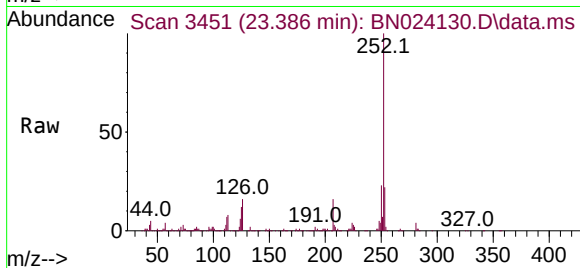
ClientSampleId :

MDL-SOIL-QT1-2023-01

Tgt Ion:252 Resp: 429023
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.3 27.5
 125 12.0 9.5 14.3

Manual Integrations
 APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 5.316 ng/ul

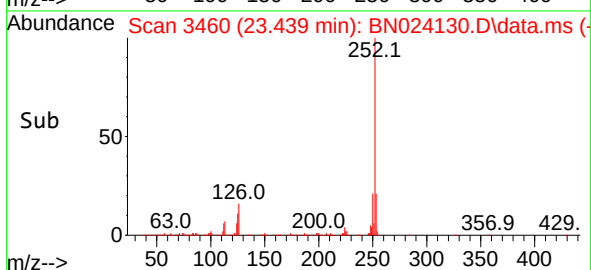
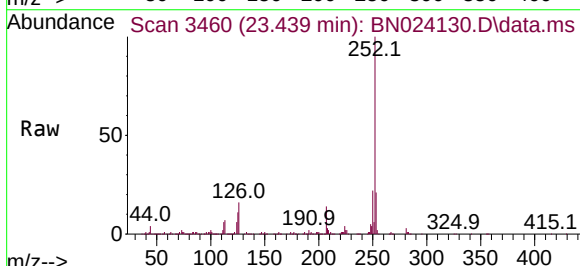
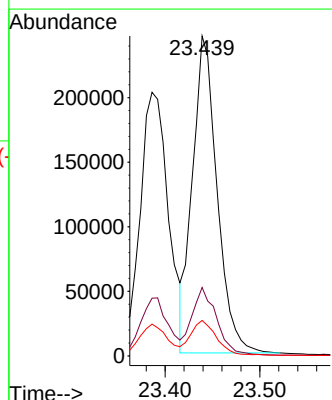
RT: 23.439 min Scan# 3460

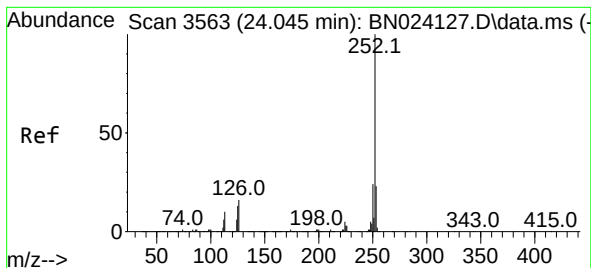
Delta R.T. 0.012 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Tgt Ion:252 Resp: 442622
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 11.1 9.0 13.6





#93

Benzo(a)pyrene

Concen: 5.272 ng/ul

RT: 24.045 min Scan# 3563

Delta R.T. -0.000 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

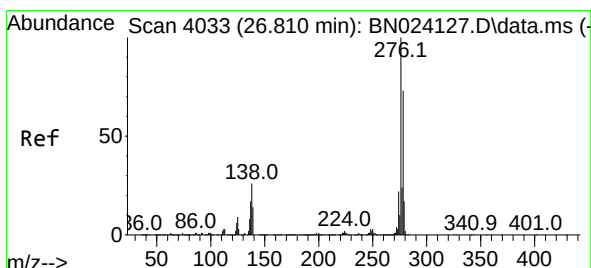
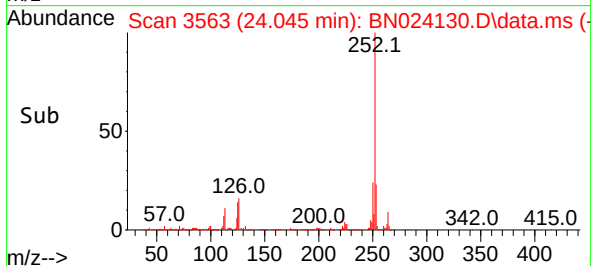
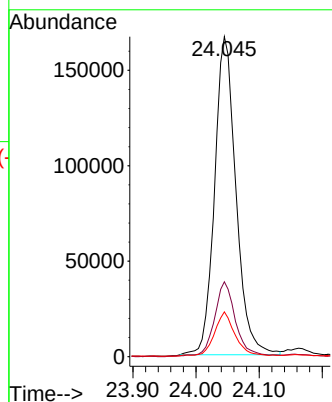
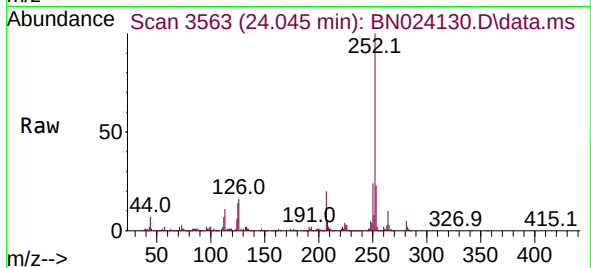
Tgt Ion:	252	Resp:	393060
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.4
125	14.0	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.969 ng/ul m

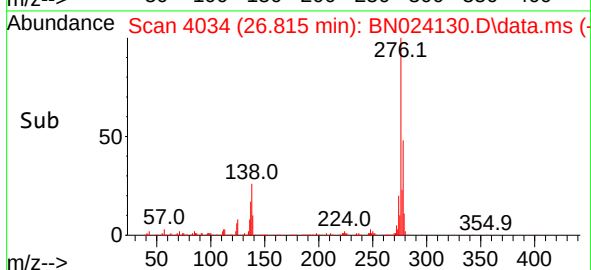
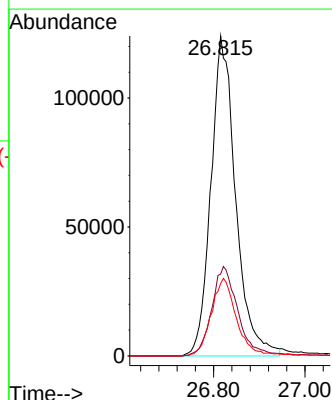
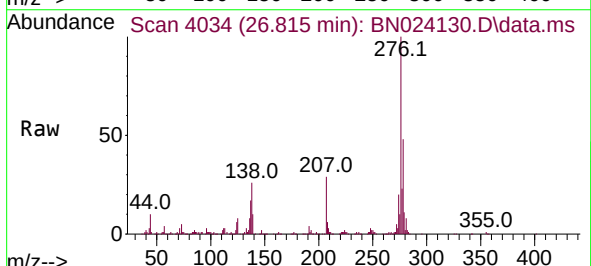
RT: 26.815 min Scan# 4034

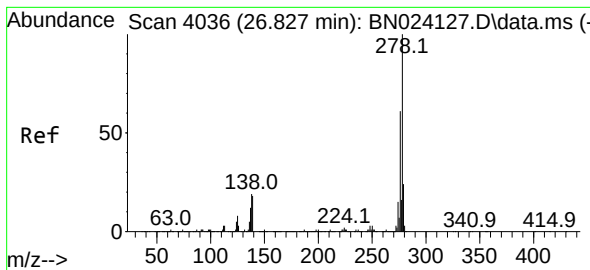
Delta R.T. 0.006 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Tgt Ion:	276	Resp:	466485
Ion Ratio	Lower	Upper	
276	100		
138	25.6	19.6	29.4
277	22.6	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 5.158 ng/ul m

RT: 26.839 min Scan# 4036

Delta R.T. 0.012 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-01

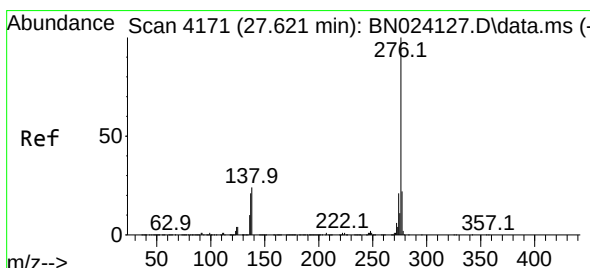
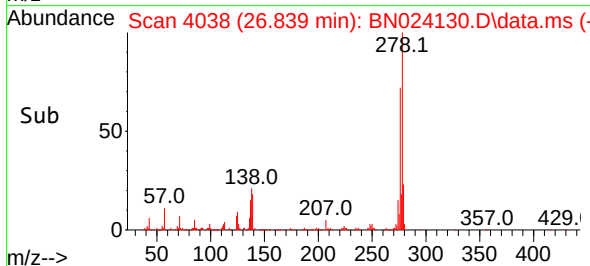
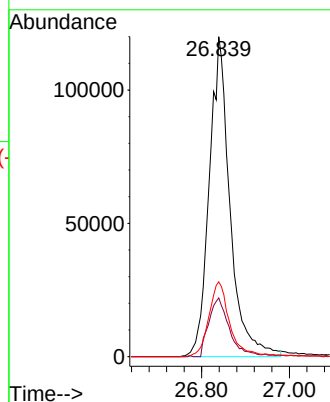
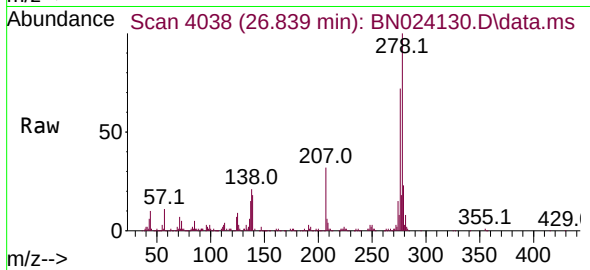
Tgt Ion:	278	Resp:	394340
Ion Ratio	Lower	Upper	
278	100		
139	18.3	14.4	21.6
279	23.4	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2023

Supervised By :Jagrut Upadhyay 03/07/2023



#96

Benzo(g,h,i)perylene

Concen: 4.902 ng/ul m

RT: 27.633 min Scan# 4173

Delta R.T. 0.012 min

Lab File: BN024130.D

Acq: 06 Mar 2023 11:48

Tgt Ion:	276	Resp:	379738
Ion Ratio	Lower	Upper	
276	100		
138	22.7	18.8	28.2
277	22.2	18.6	27.8

