

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024140.D
 Acq On : 07 Mar 2023 12:01
 Operator : CG/JU
 Sample : 01378-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2023-02

Quant Time: Mar 08 03:04:26 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 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	290708	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1273774	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	770780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1568932	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1403190	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1442994	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	37447	5.025	ng/uL	0.00
4) Pyridine-d5	3.834	84	361510	17.531	ng/u1	0.00
7) Phenol-d5	7.199	99	520393	19.957	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	337897	20.235	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	405396	20.244	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	391252	18.874	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	165804	20.055	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	180733	20.047	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	371329	19.087	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	541781	18.666	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1117290	18.782	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1330882	19.221	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	184459	16.228	ng/u1	0.00
60) Fluorene-d10	15.687	176	956666	19.136	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	125468	14.843	ng/u1	0.00
73) Anthracene-d10	17.539	188	1365294	18.452	ng/u1	0.00
81) Pyrene-d10	19.833	212	1587600	19.359	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1433241	19.980	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	11489	1.424	ng/uL	96
5) Pyridine	3.858	79	94125	4.409	ng/u1#	87
6) Benzaldehyde	7.187	77	68082m	5.374	ng/u1	
8) Phenol	7.228	94	135124	4.999	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.475	93	108629	4.959	ng/u1	96
12) 2-Chlorophenol	7.616	128	100255	4.822	ng/u1	98
13) 2-Methylphenol	8.493	108	95253	4.686	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.593	45	172042	4.951	ng/u1	98
16) Acetophenone	8.887	105	174684	5.428	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	79442	5.028	ng/u1#	96
18) 4-Methylphenol	8.822	108	110114	4.922	ng/u1	100
19) Hexachloroethane	9.152	117	37919	4.644	ng/u1	98
22) Nitrobenzene	9.269	77	116355	5.199	ng/u1	99
23) Isophorone	9.793	82	237504	4.855	ng/u1	99
25) 2-Nitrophenol	9.987	139	52560	5.075	ng/u1	96
26) 2,4-Dimethylphenol	10.040	107	93352	3.955	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.281	93	153629	5.058	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	100335	5.110	ng/u1	99
30) Naphthalene	10.928	128	352037	5.022	ng/u1	99
32) 4-Chloroaniline	11.034	127	146960	5.021	ng/u1	98
33) Hexachlorobutadiene	11.222	225	57537	4.808	ng/u1	91
34) Caprolactam	11.804	113	33869m	5.058	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	102817	4.753	ng/u1	97
36) 2-Methylnaphthalene	12.534	142	233879	5.068	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	189204	4.091	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.898	216	121270	5.228	ng/ul	96
40) Hexachlorocyclopentadiene	12.881	237	52228	4.178	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	71500	4.706	ng/ul	96
42) 2,4,5-Trichlorophenol	13.198	196	77164	4.715	ng/ul	96
43) 1,1'-Biphenyl	13.534	154	316589	5.156	ng/ul	97
44) 2-Chloronaphthalene	13.575	162	246812	5.159	ng/ul	99
45) 2-Nitroaniline	13.775	65	36805	3.531	ng/ul	97
47) Dimethylphthalate	14.145	163	300573	5.013	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	28572	3.238	ng/ul	92
50) Acenaphthylene	14.416	152	384704	5.156	ng/ul	100
51) 3-Nitroaniline	14.592	138	37955	3.538	ng/ul#	97
52) Acenaphthene	14.757	153	264517	5.197	ng/ul	98
53) 2,4-Dinitrophenol	14.792	184	28494	4.664	ng/ul	99
55) 4-Nitrophenol	14.881	109	40326	4.657	ng/ul	96
56) Dibenzofuran	15.092	168	364505	5.098	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	52651	3.785	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.310	232	64079	4.555	ng/ul	97
59) Diethylphthalate	15.510	149	289496	4.844	ng/ul	99
61) Fluorene	15.739	166	299371	5.344	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	140109	5.231	ng/ul	95
63) 4-Nitroaniline	15.751	138	40831m	3.936	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.804	198	38875	4.546	ng/ul#	85
67) N-Nitrosodiphenylamine	15.945	169	237988	5.122	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	81499	5.225	ng/ul	97
69) Hexachlorobenzene	16.745	284	97434	5.135	ng/ul	100
70) Atrazine	16.892	200	69817	4.439	ng/ul	98
71) Pentachlorophenol	17.086	266	53497	4.557	ng/ul	98
72) Phenanthrene	17.481	178	469711	5.404	ng/ul	99
74) Anthracene	17.575	178	435198	4.966	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	92461	4.043	ng/uL	94
76) Pentachlorobenzene	15.010	250	85387	3.832	ng/uL	91
77) Carbazole	17.839	167	401450	5.115	ng/ul	99
78) Di-n-butylphthalate	18.410	149	456834	4.890	ng/ul	99
80) Fluoranthene	19.492	202	495410	5.196	ng/ul	98
82) Pyrene	19.857	202	537525	5.344	ng/ul	98
83) Butylbenzylphthalate	20.763	149	112995	4.411	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	96665	3.574	ng/ul	94
85) Benzo(a)anthracene	21.622	228	504942	5.163	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.551	149	192016	4.517	ng/ul	96
87) Chrysene	21.674	228	482867	5.158	ng/ul	96
89) Di-n-octyl phthalate	22.516	149	295156	3.825	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	452096	4.976	ng/ul	97
91) Benzo(k)fluoranthene	23.427	252	483887	5.385	ng/ul	100
93) Benzo(a)pyrene	24.039	252	430392	5.349	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.774	276	458392m	4.524	ng/ul	
95) Dibenzo(a,h)anthracene	26.792	278	388141m	4.705	ng/ul	
96) Benzo(g,h,i)perylene	27.580	276	380697m	4.554	ng/ul	

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

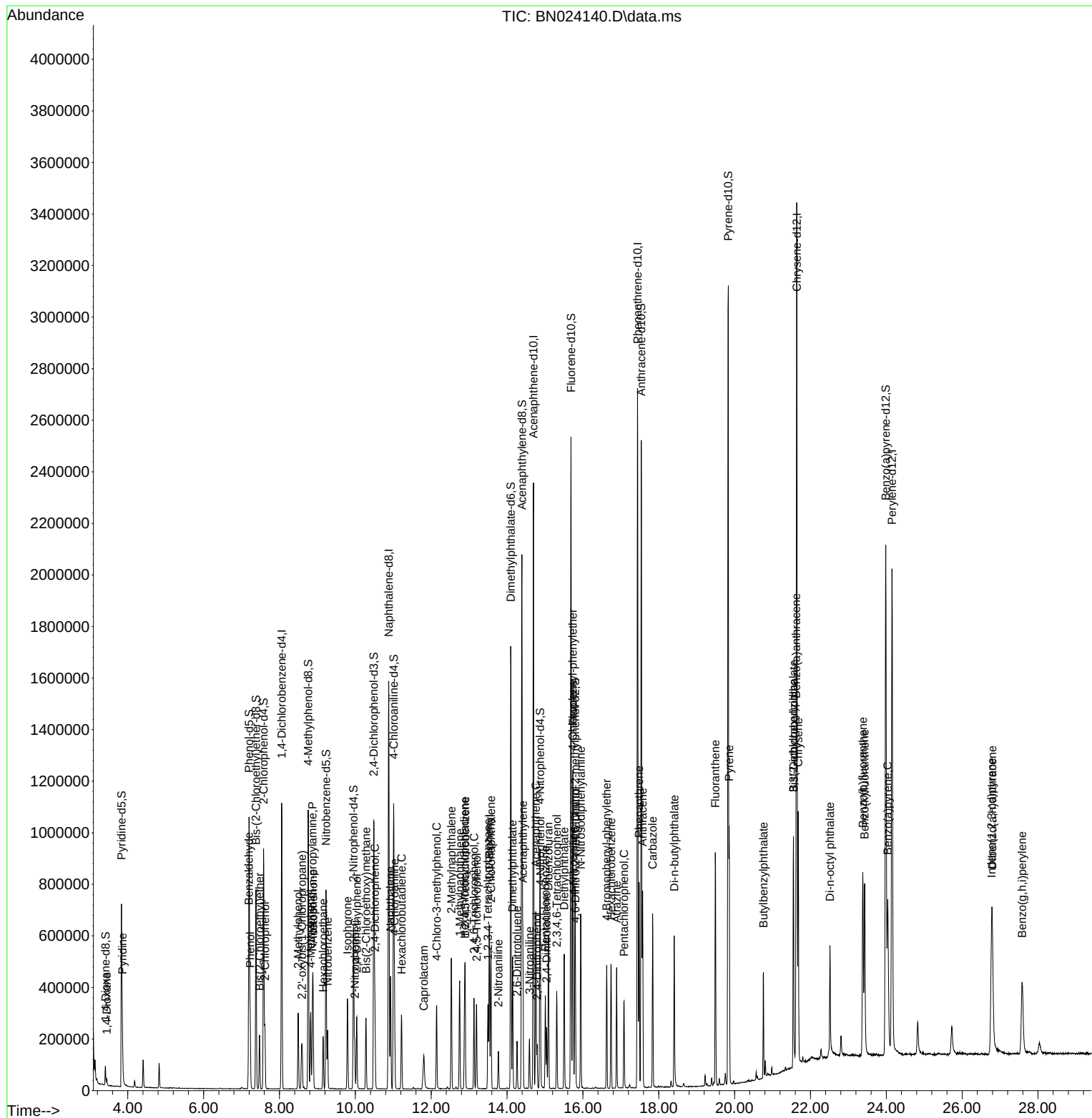
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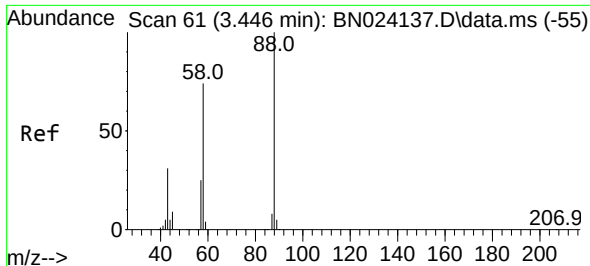
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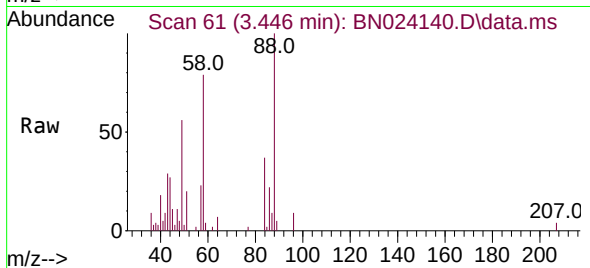
Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023





#2
1,4-Dioxane
Concen: 1.424 ng/uL
RT: 3.446 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

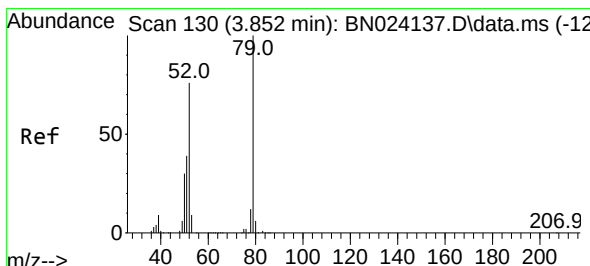
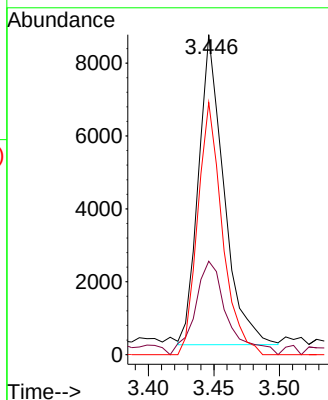
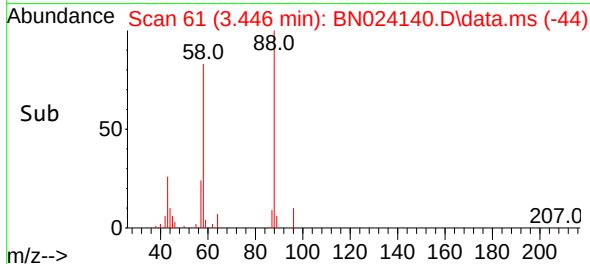
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion: 88 Resp: 11489
Ion Ratio Lower Upper
88 100
43 29.2 26.2 39.4
58 78.8 64.9 97.3

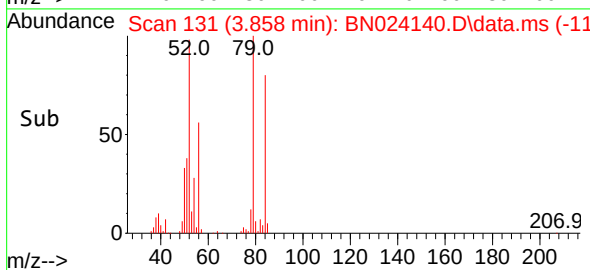
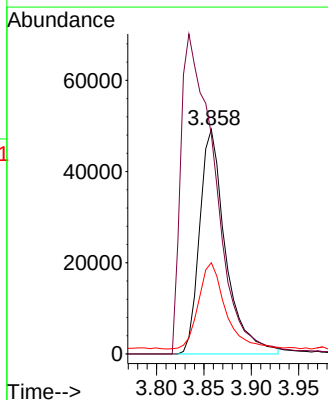
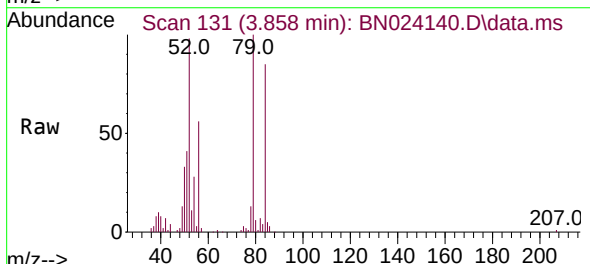
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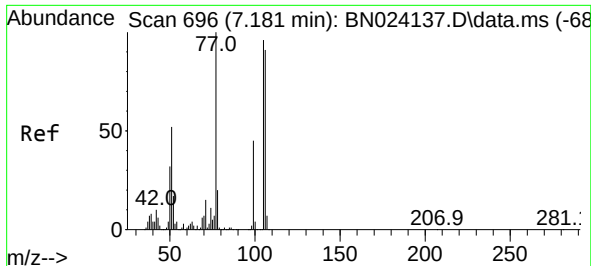
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#5
Pyridine
Concen: 4.409 ng/uL
RT: 3.858 min Scan# 131
Delta R.T. 0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

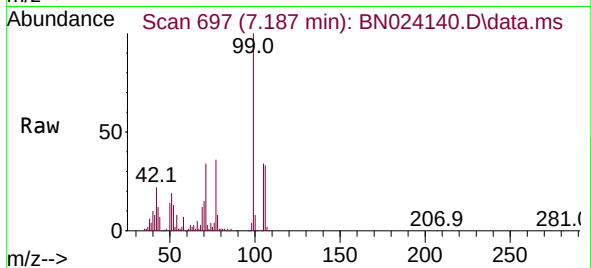
Tgt Ion: 79 Resp: 94125
Ion Ratio Lower Upper
79 100
52 97.9 65.1 97.7#
51 40.6 31.4 47.0





#6
Benzaldehyde
Concen: 5.374 ng/ul m
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

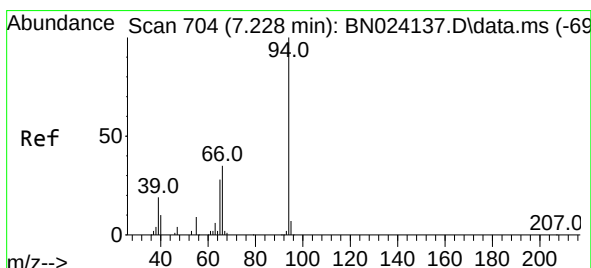
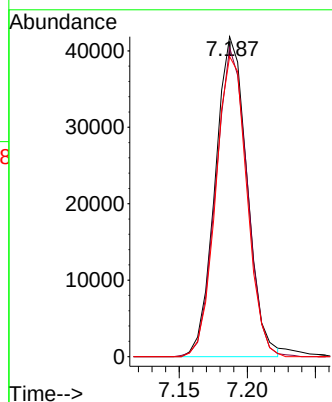
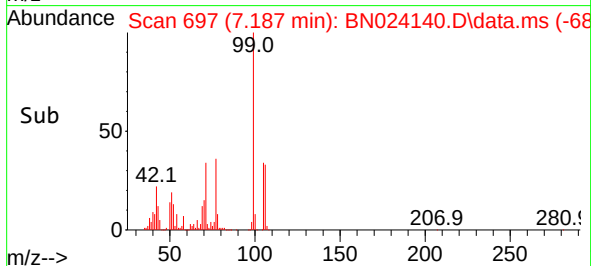
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Tgt Ion: 77 Resp: 68082
Ion Ratio Lower Upper
77 100
105 96.5 79.2 118.8
106 93.8 75.9 113.9

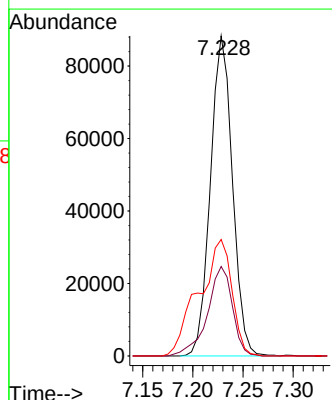
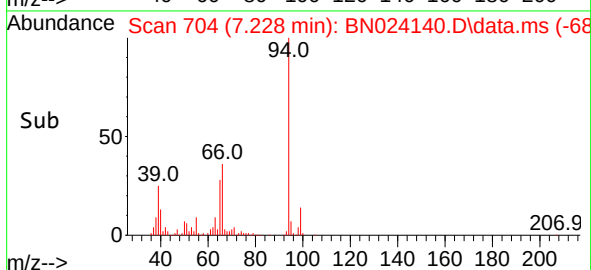
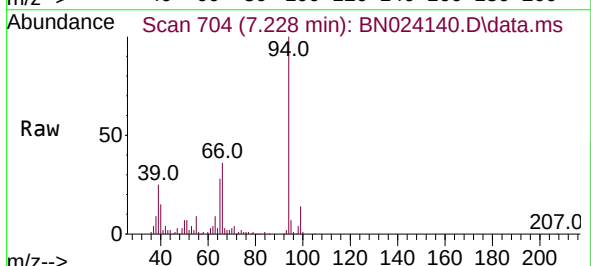
Manual Integrations
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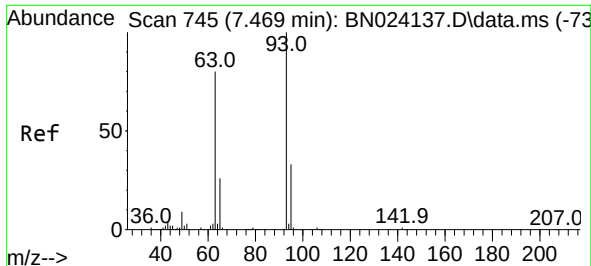
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#8
Phenol
Concen: 4.999 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

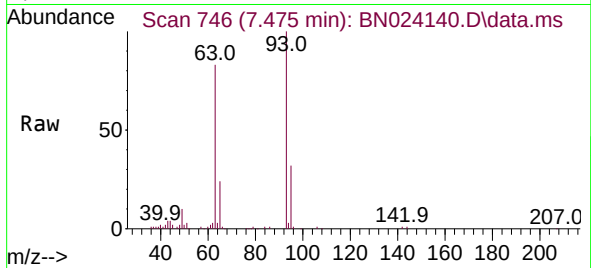
Tgt Ion: 94 Resp: 135124
Ion Ratio Lower Upper
94 100
65 27.9 22.9 34.3
66 36.4 29.0 43.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.959 ng/ul
RT: 7.475 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

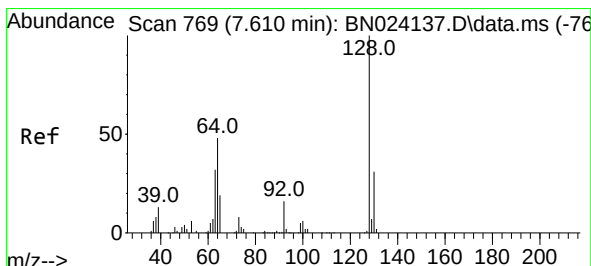
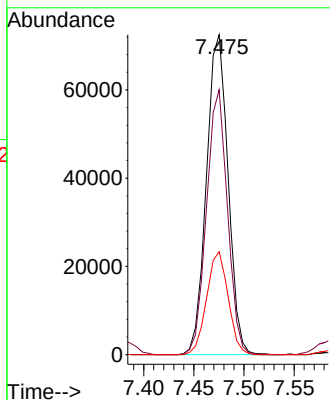
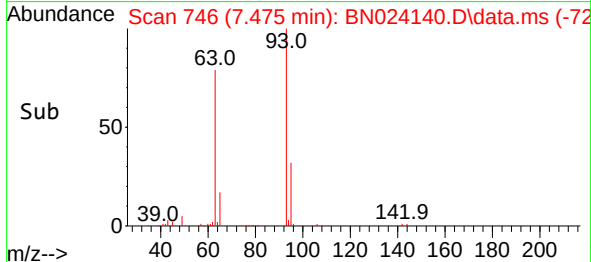
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Tgt Ion: 93 Resp: 108629
Ion Ratio Lower Upper
93 100
63 82.8 62.6 93.8
95 32.2 25.8 38.6

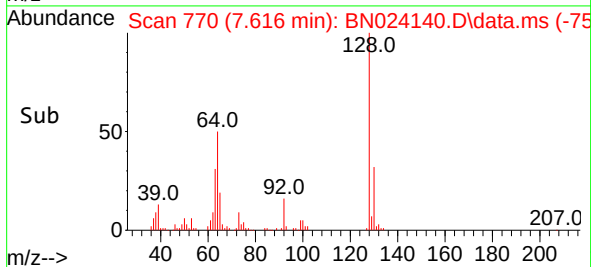
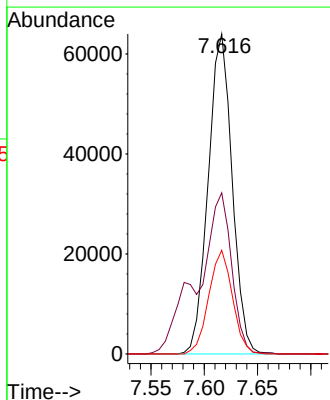
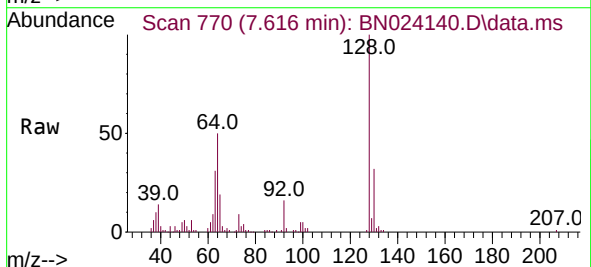
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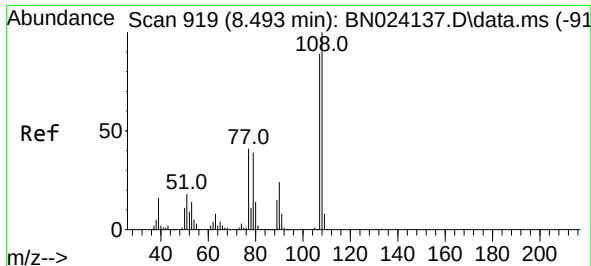
Reviewed By :Christian Giraldo 03/08/2023
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#12
2-Chlorophenol
Concen: 4.822 ng/ul
RT: 7.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

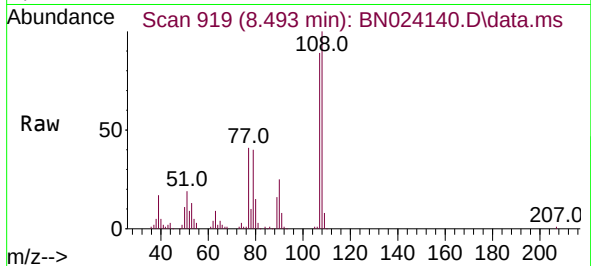
Tgt Ion:128 Resp: 100255
Ion Ratio Lower Upper
128 100
64 50.3 39.3 58.9
130 32.4 25.1 37.7





#13
2-Methylphenol
Concen: 4.686 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN024140.D
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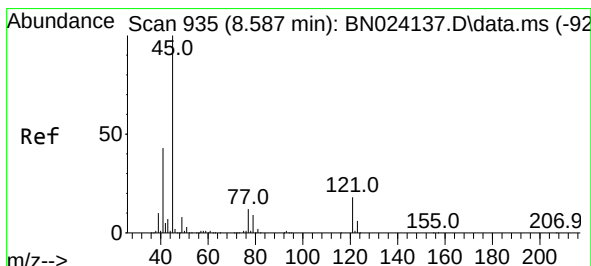
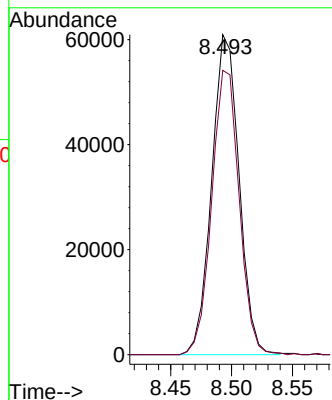
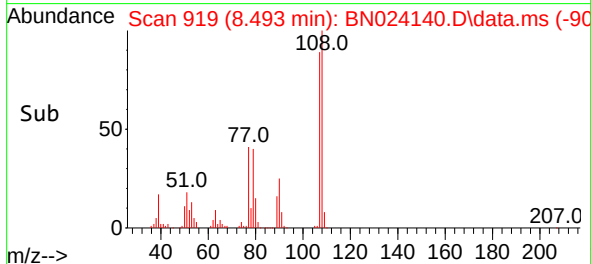
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Tgt Ion:108 Resp: 95253
Ion Ratio Lower Upper
108 100
107 88.8 72.3 108.5

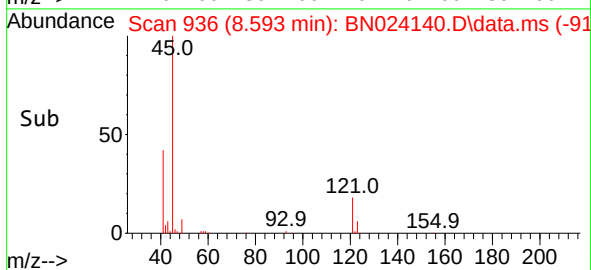
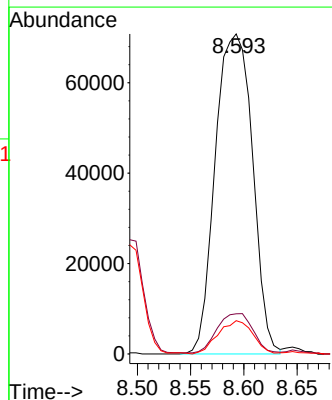
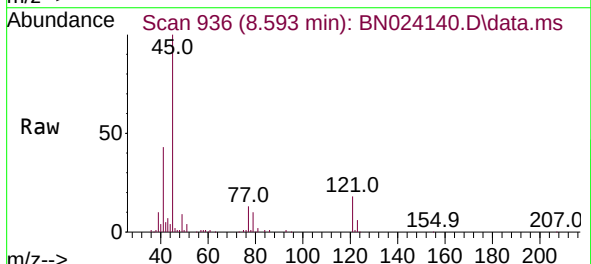
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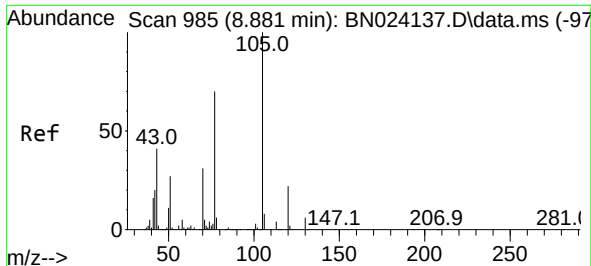
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.951 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN024140.D
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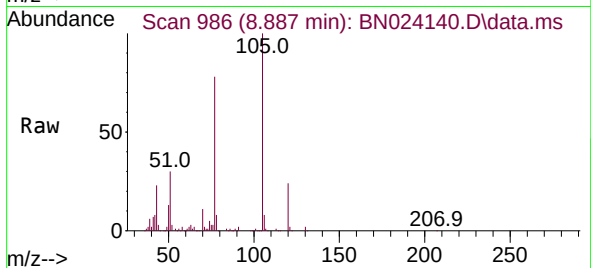
Tgt Ion: 45 Resp: 172042
Ion Ratio Lower Upper
45 100
77 12.5 9.8 14.6
79 10.4 7.4 11.0





#16
Acetophenone
Concen: 5.428 ng/ul
RT: 8.887 min Scan# 985
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

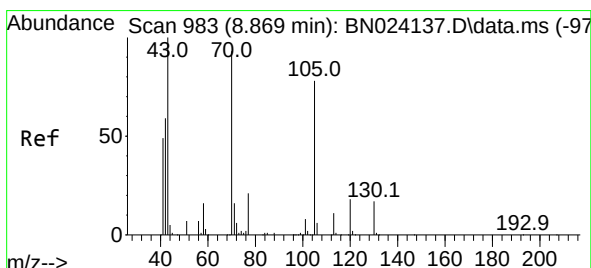
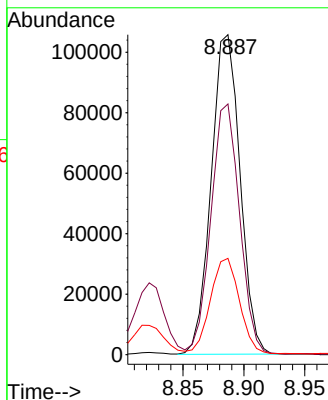
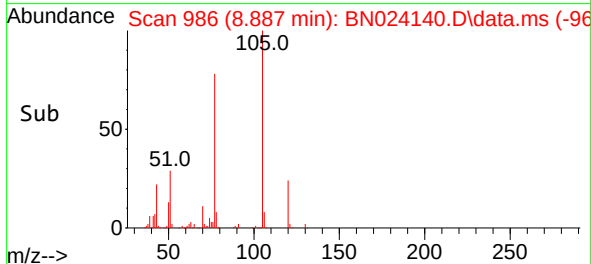
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion: 105 Resp: 174684
Ion Ratio Lower Upper
105 100
77 78.3 61.4 92.0
51 30.1 23.8 35.8

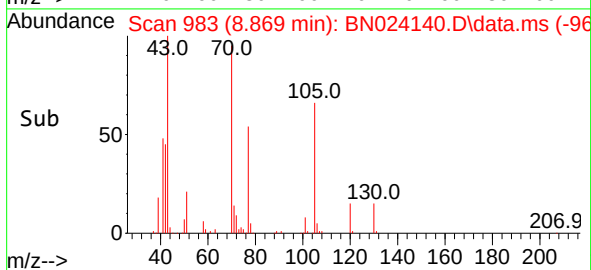
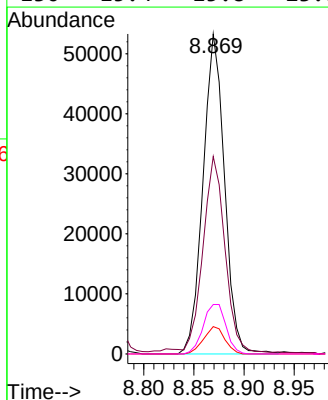
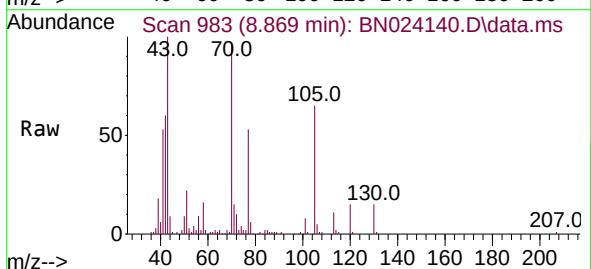
Manual Integrations
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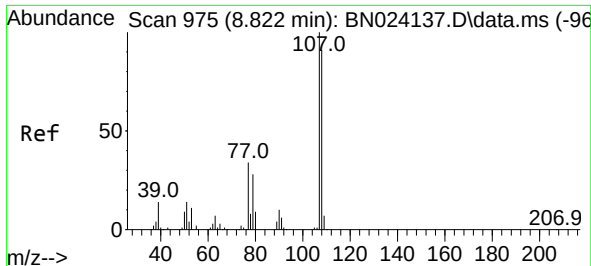
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#17
N-Nitroso-di-n-propylamine
Concen: 5.028 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

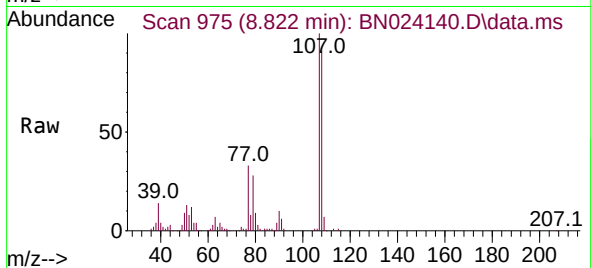
Tgt Ion: 70 Resp: 79442
Ion Ratio Lower Upper
70 100
42 61.7 50.8 76.2
101 8.6 7.2 10.8
130 15.4 15.8 23.8





#18
4-Methylphenol
Concen: 4.922 ng/ul
RT: 8.822 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

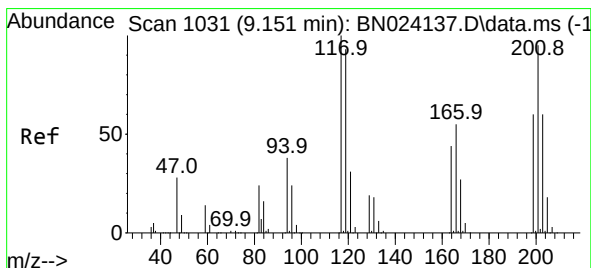
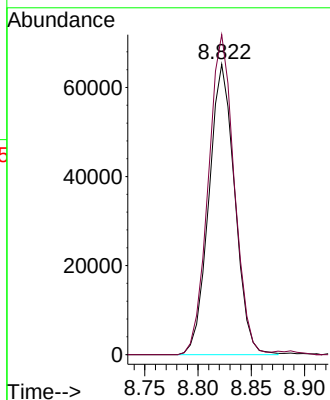
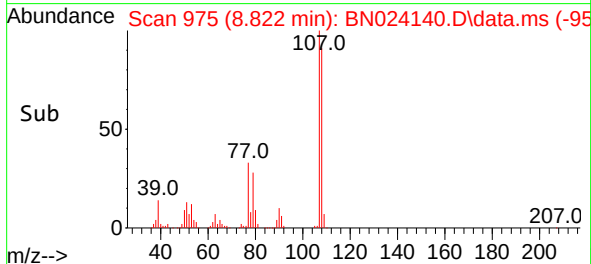
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:108 Resp: 110114
Ion Ratio Lower Upper
108 100
107 110.2 87.8 131.6

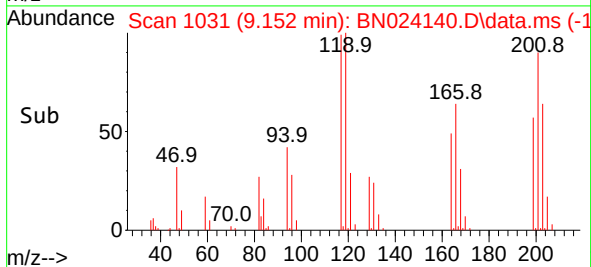
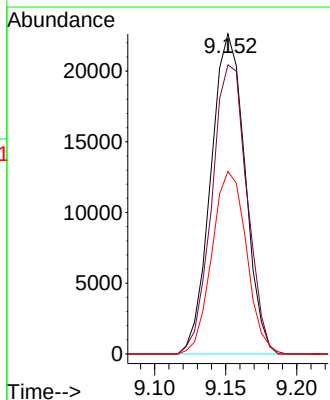
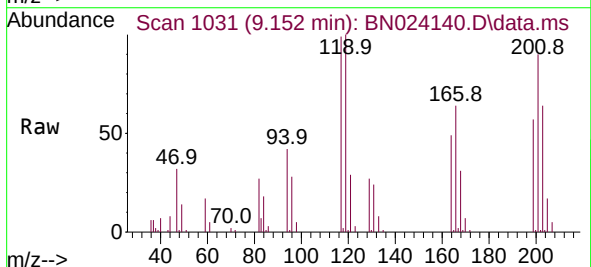
Manual Integrations
APPROVED

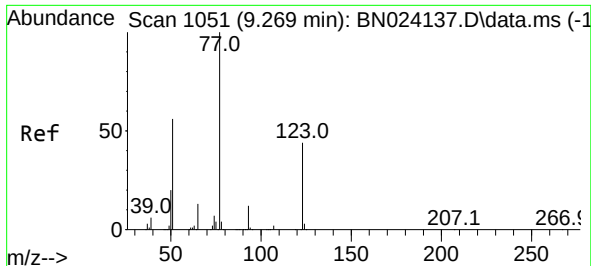
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#19
Hexachloroethane
Concen: 4.644 ng/ul
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

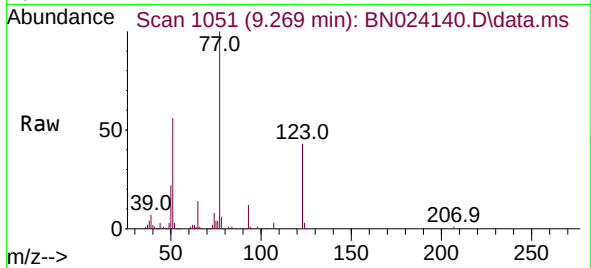
Tgt Ion:117 Resp: 37919
Ion Ratio Lower Upper
117 100
201 90.3 73.8 110.6
199 57.0 47.2 70.8





#22
Nitrobenzene
Concen: 5.199 ng/ul
RT: 9.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

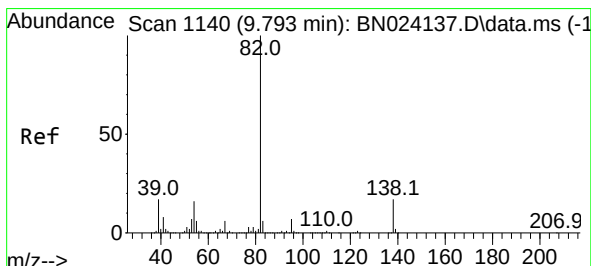
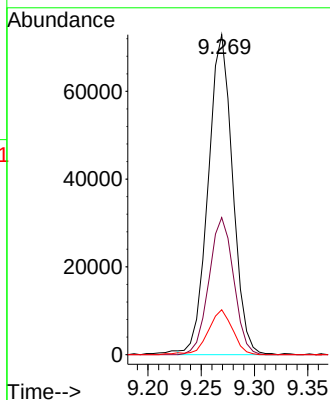
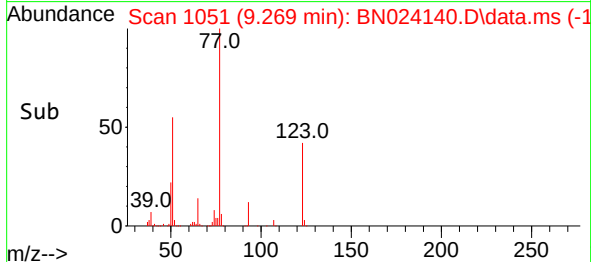
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion: 77 Resp: 116355
Ion Ratio Lower Upper
77 100
123 42.8 34.8 52.2
65 14.0 11.0 16.4

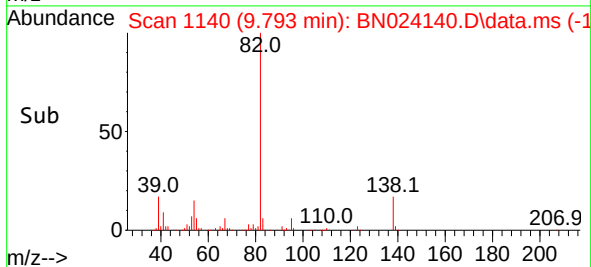
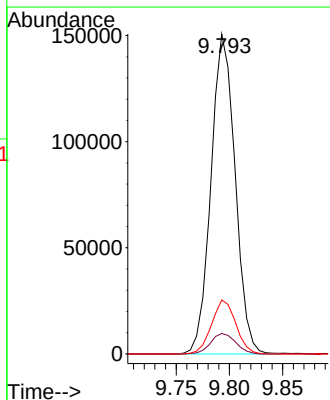
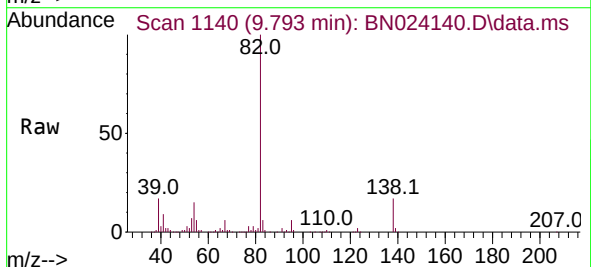
Manual Integrations
APPROVED

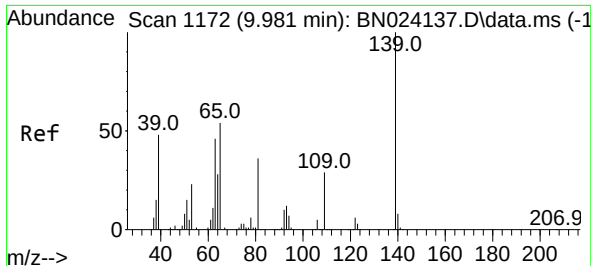
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#23
Isophorone
Concen: 4.855 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

Tgt Ion: 82 Resp: 237504
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.6
138 16.8 13.8 20.6





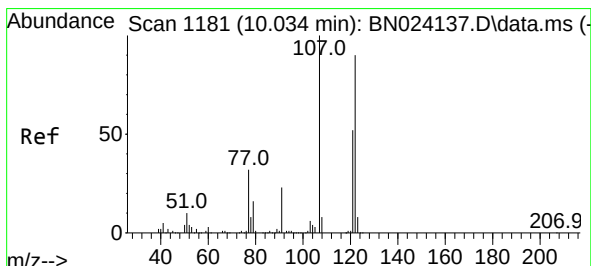
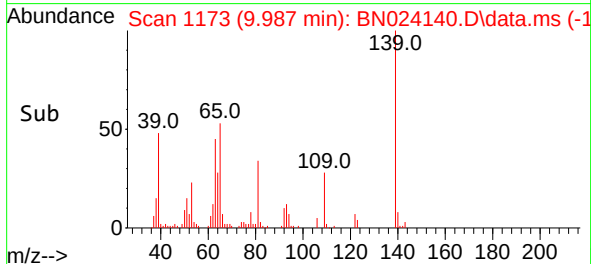
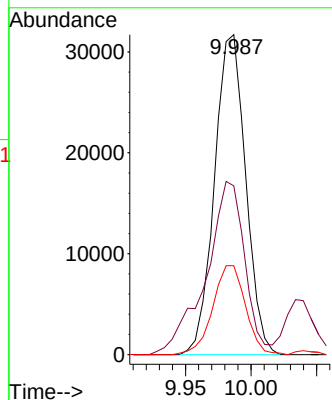
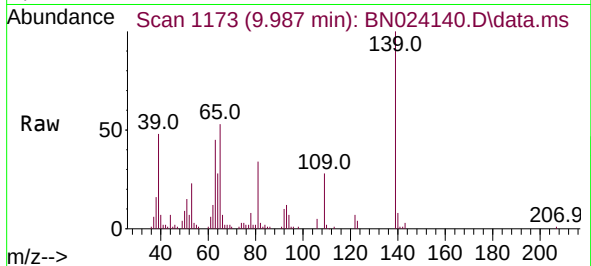
#25
2-Nitrophenol
Concen: 5.075 ng/ul
RT: 9.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02

Tgt Ion:139 Resp: 52560
Ion Ratio Lower Upper
139 100
65 52.7 44.5 66.7
109 27.8 23.4 35.2

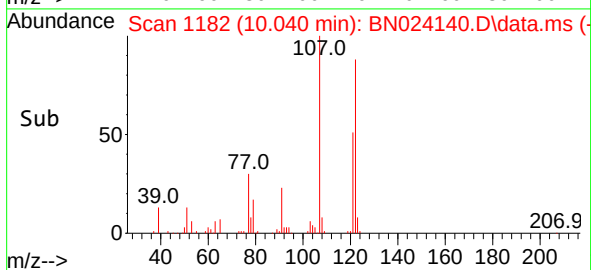
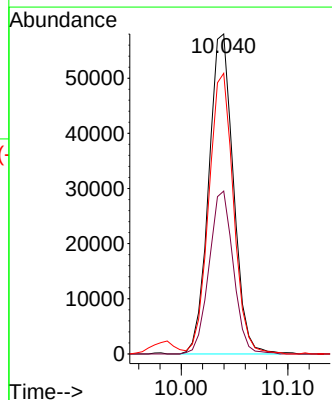
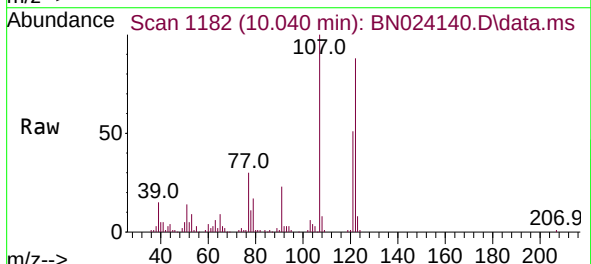
Manual Integrations
APPROVED

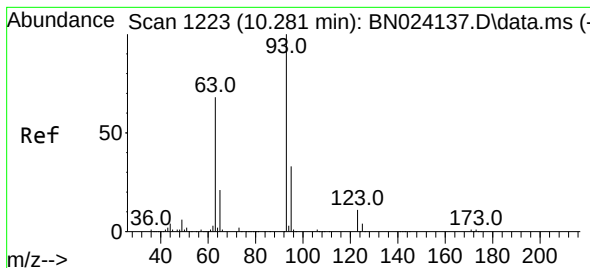
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#26
2,4-Dimethylphenol
Concen: 3.955 ng/ul
RT: 10.040 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

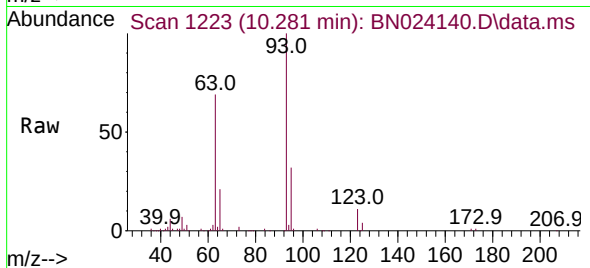
Tgt Ion:107 Resp: 93352
Ion Ratio Lower Upper
107 100
121 50.9 40.2 60.2
122 87.7 71.8 107.8





#27
 Bis(2-Chloroethoxy)methane
 Concen: 5.058 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: BN024140.D
 Acq: 07 Mar 2023 12:01

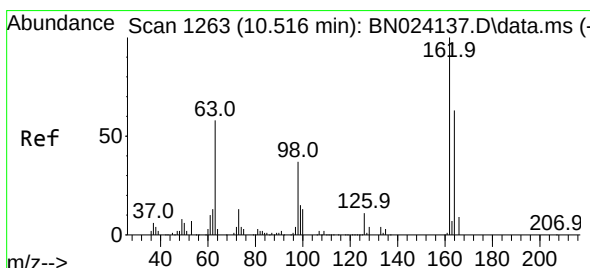
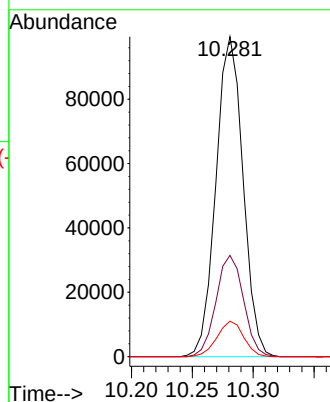
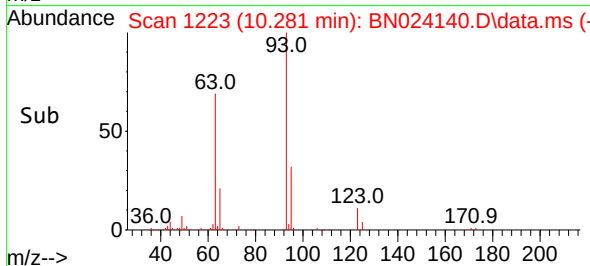
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion: 93 Resp: 153629
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.2
 123 11.1 8.6 12.8

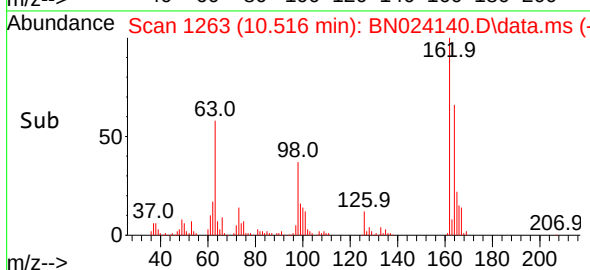
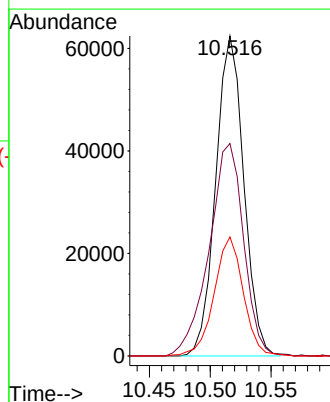
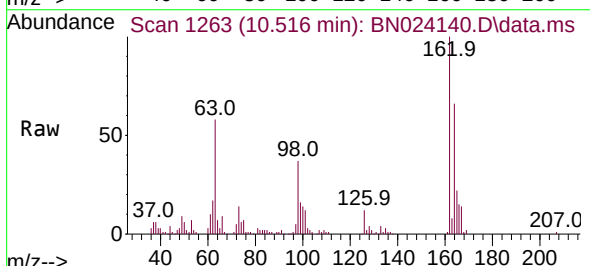
Manual Integrations
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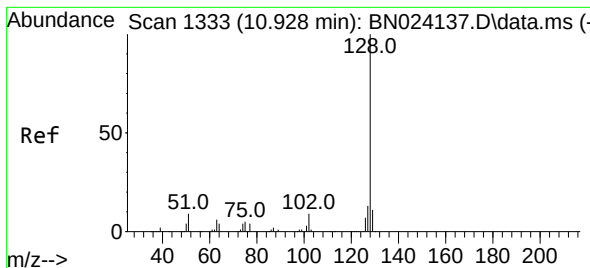
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023



#29
 2,4-Dichlorophenol
 Concen: 5.110 ng/ul
 RT: 10.516 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BN024140.D
 Acq: 07 Mar 2023 12:01

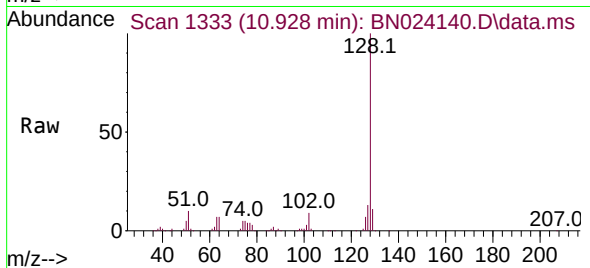
Tgt Ion:162 Resp: 100335
 Ion Ratio Lower Upper
 162 100
 164 66.4 52.6 78.8
 98 37.2 29.8 44.8





#30
Naphthalene
Concen: 5.022 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

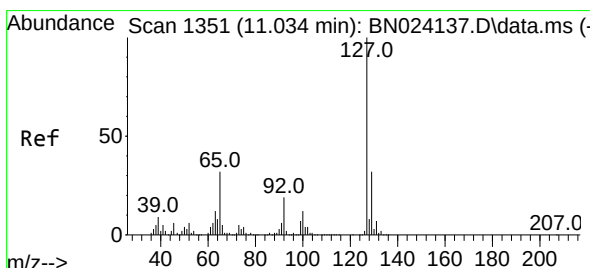
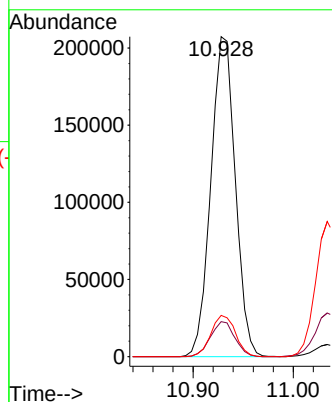
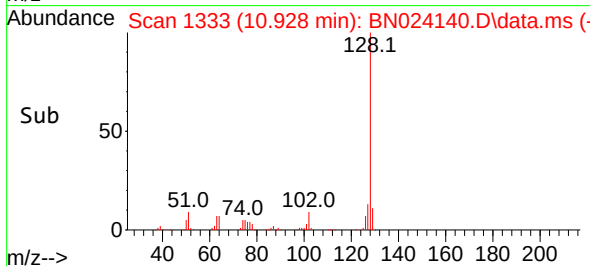
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:128 Resp: 352037
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.9 10.1 15.1

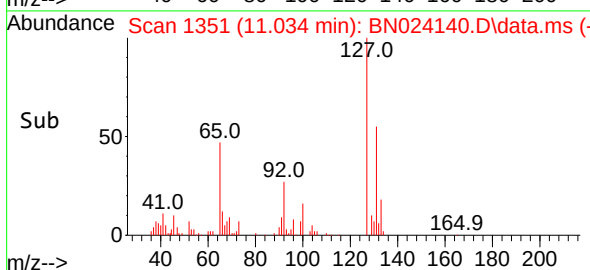
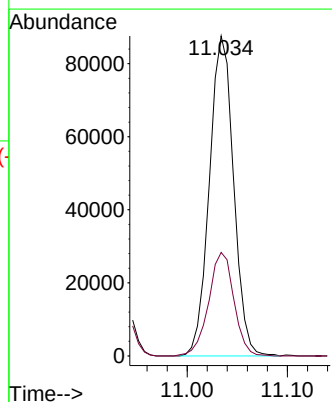
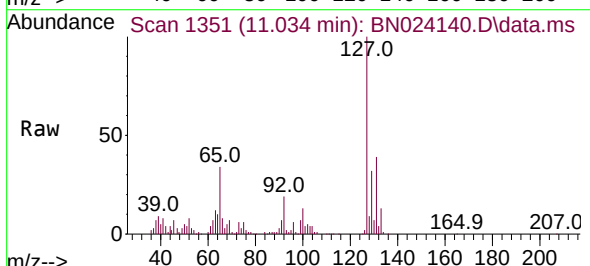
Manual Integrations
APPROVED

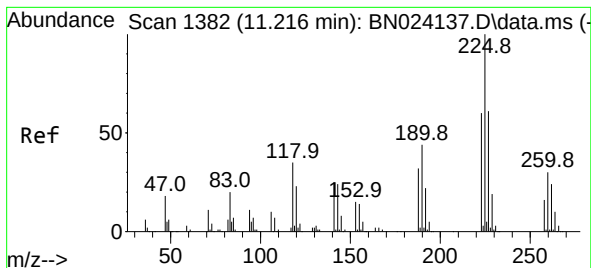
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#32
4-Chloroaniline
Concen: 5.021 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

Tgt Ion:127 Resp: 146960
Ion Ratio Lower Upper
127 100
129 32.3 25.1 37.7





#33

Hexachlorobutadiene

Concen: 4.808 ng/ul

RT: 11.222 min Scan# 1383

Delta R.T. 0.006 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

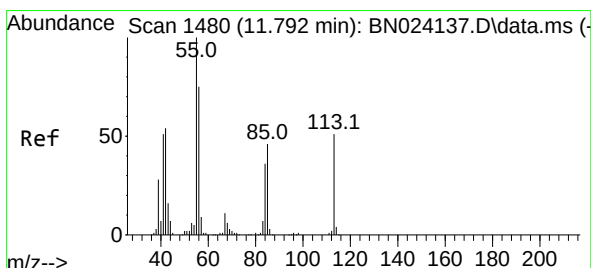
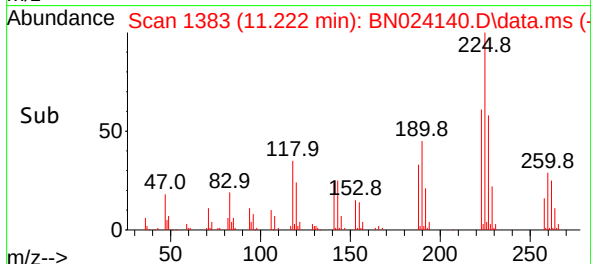
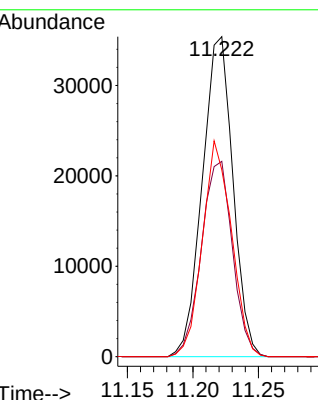
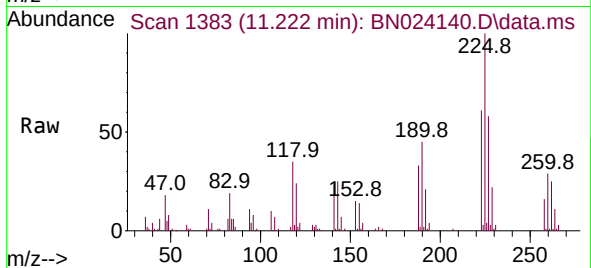
MDL-SOIL-QT1-2023-02

Tgt Ion:	225	Resp:	5753
Ion Ratio	Lower	Upper	
225	100		
223	61.0	53.6	80.4
227	58.4	53.0	79.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#34

Caprolactam

Concen: 5.058 ng/ul m

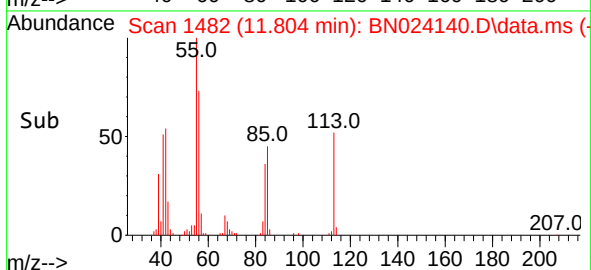
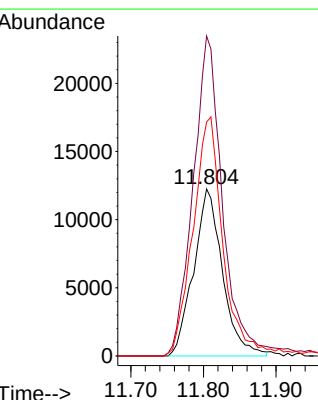
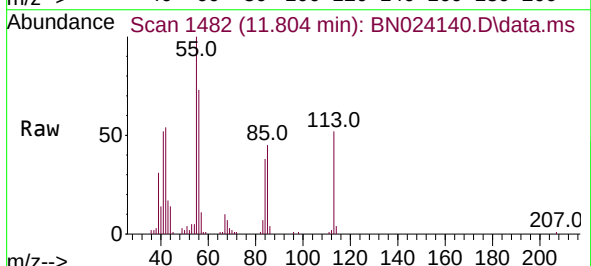
RT: 11.804 min Scan# 1482

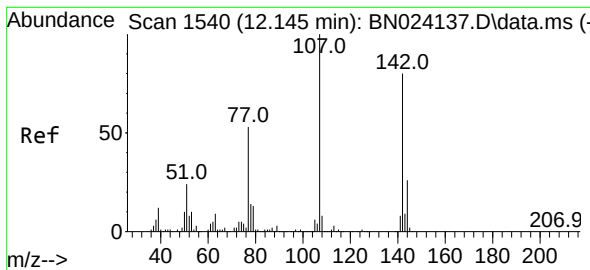
Delta R.T. 0.012 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

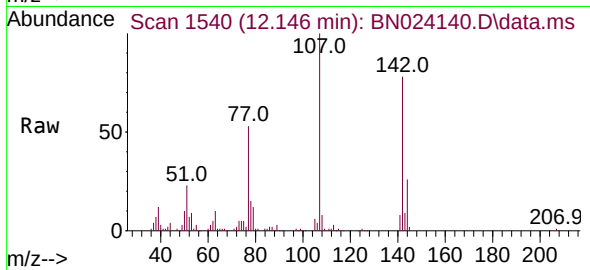
Tgt Ion:	113	Resp:	33869
Ion Ratio	Lower	Upper	
113	100		
55	191.7	155.4	233.2
56	140.1	111.0	166.6





#35
4-Chloro-3-methylphenol
Concen: 4.753 ng/ul
RT: 12.146 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

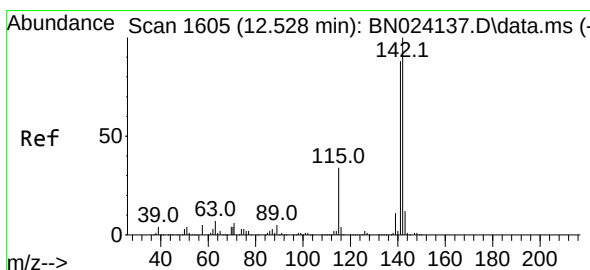
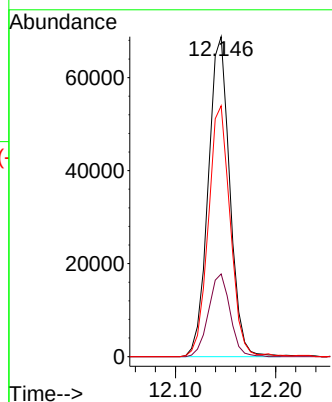
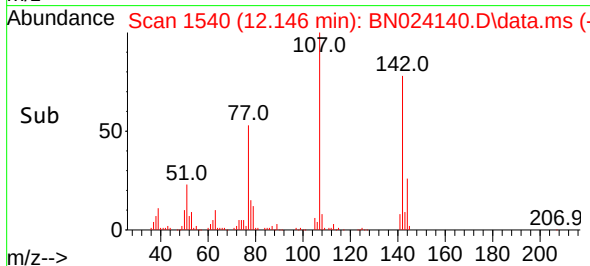
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:107 Resp: 102817
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.4
142 78.4 65.7 98.5

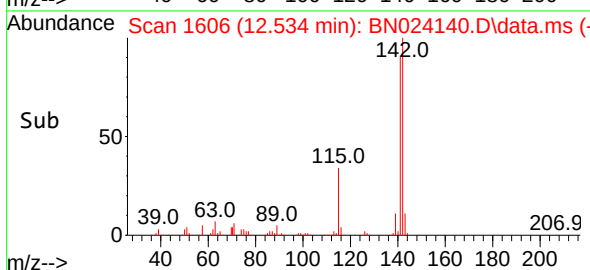
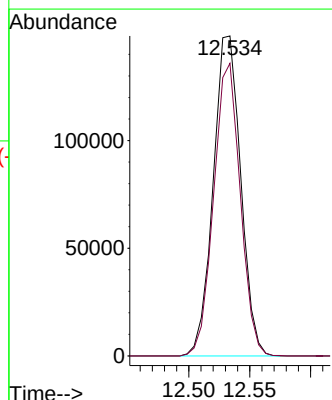
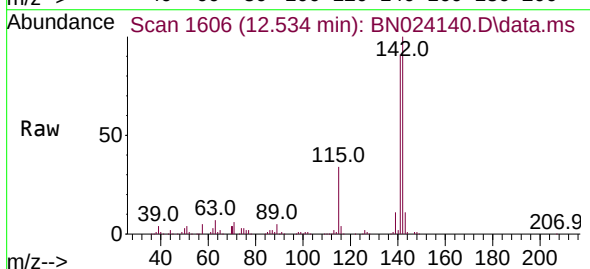
Manual Integrations
APPROVED

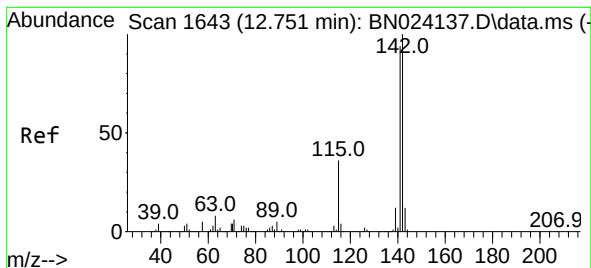
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#36
2-Methylnaphthalene
Concen: 5.068 ng/ul
RT: 12.534 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

Tgt Ion:142 Resp: 233879
Ion Ratio Lower Upper
142 100
141 91.4 68.2 102.4





#37

1-Methylnaphthalene

Concen: 4.091 ng/ul

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BN024140.D

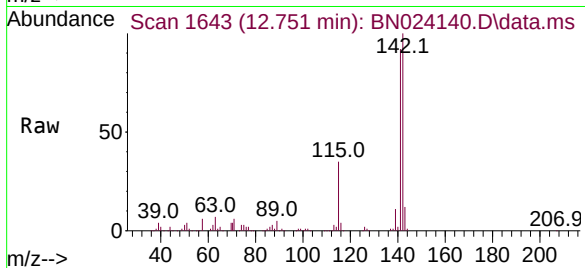
Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

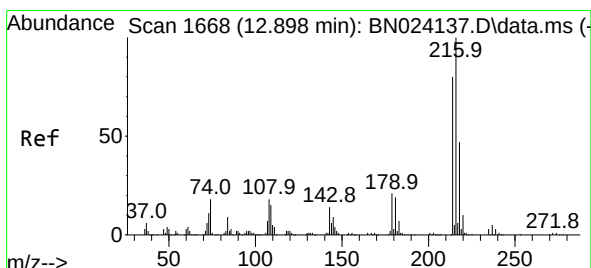
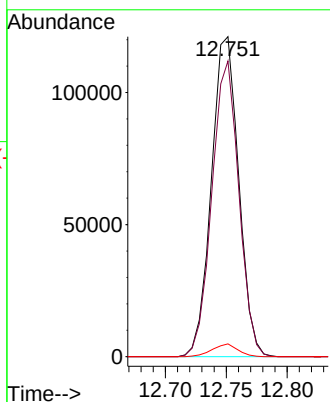
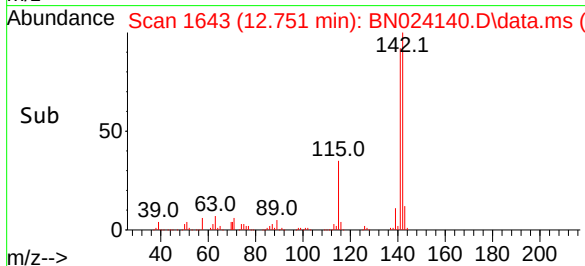


Tgt Ion:	142	Resp:	189204
Ion Ratio	Lower	Upper	
142	100		
141	92.4	75.5	113.3
116	4.0	3.1	4.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.228 ng/ul

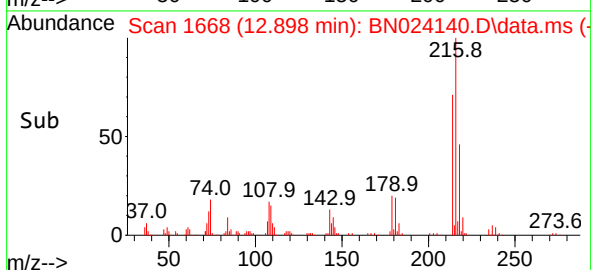
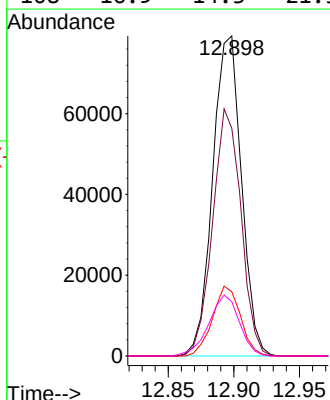
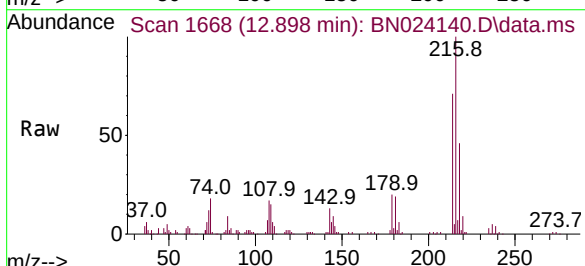
RT: 12.898 min Scan# 1668

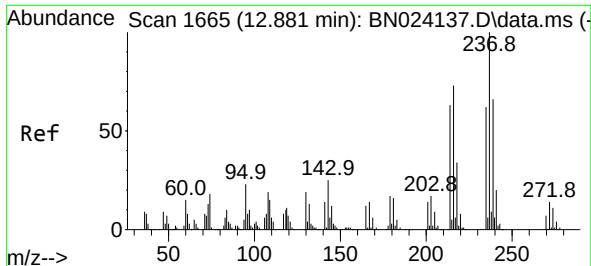
Delta R.T. 0.006 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

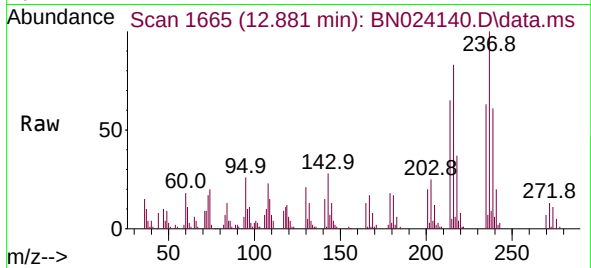
Tgt Ion:	216	Resp:	121270
Ion Ratio	Lower	Upper	
216	100		
214	71.1	60.0	90.0
179	20.0	17.0	25.6
108	16.9	14.3	21.5





#40
Hexachlorocyclopentadiene
Concen: 4.178 ng/ul
RT: 12.881 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

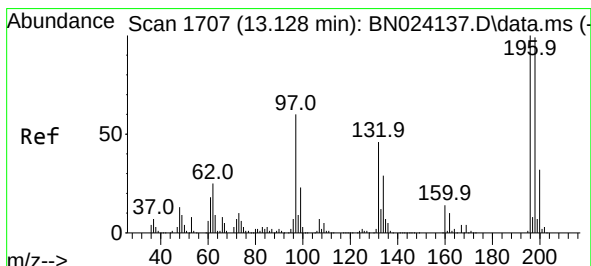
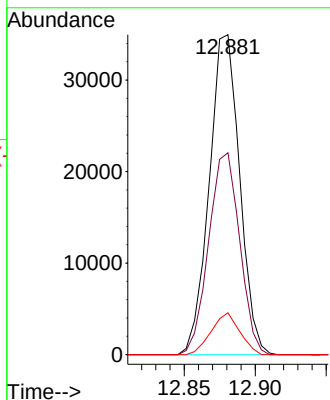
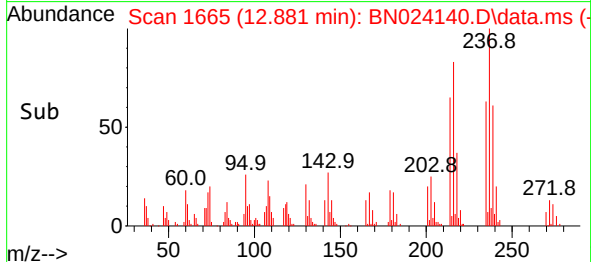
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



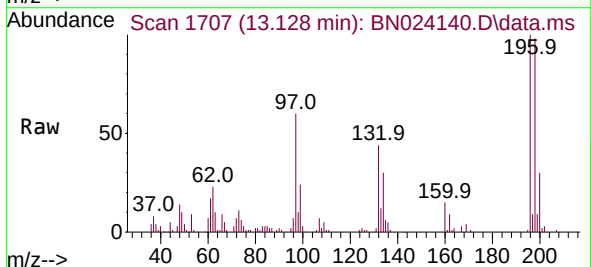
Tgt Ion:237 Resp: 52228
Ion Ratio Lower Upper
237 100
235 63.1 50.1 75.1
272 13.6 11.1 16.7

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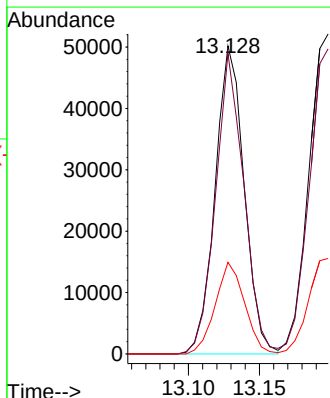
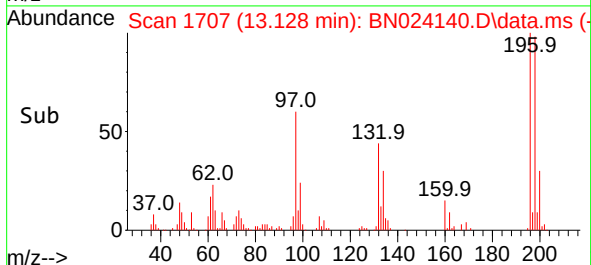
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

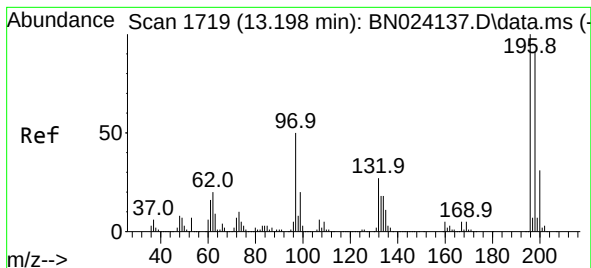


#41
2,4,6-Trichlorophenol
Concen: 4.706 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01



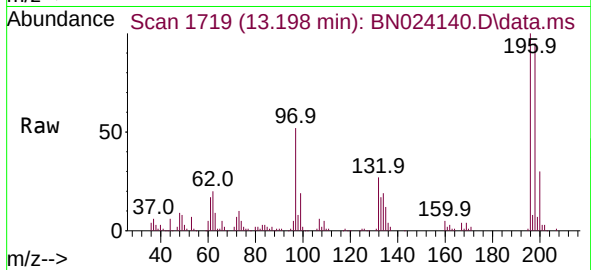
Tgt Ion:196 Resp: 71500
Ion Ratio Lower Upper
196 100
198 97.6 80.6 121.0
200 29.8 26.1 39.1





#42
2,4,5-Trichlorophenol
Concen: 4.715 ng/ul
RT: 13.198 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

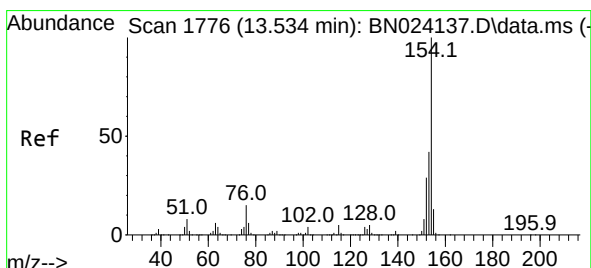
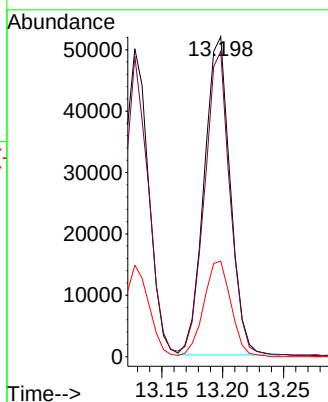
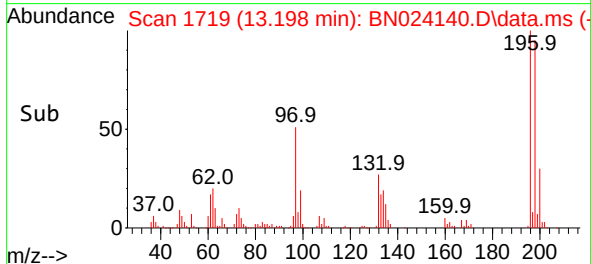
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



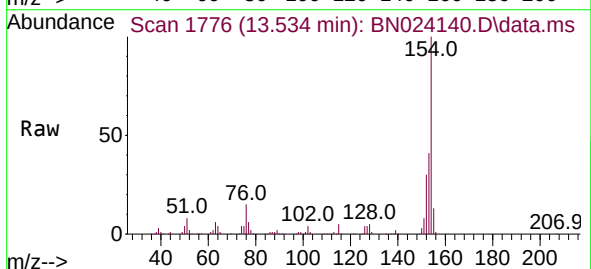
Tgt Ion:196 Resp: 77164
Ion Ratio Lower Upper
196 100
198 95.3 79.7 119.5
200 29.8 26.1 39.1

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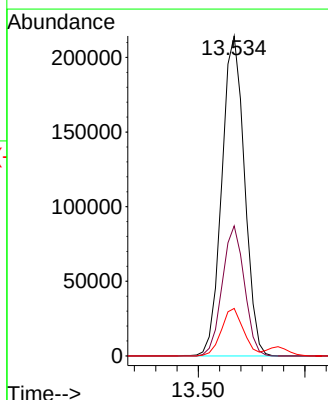
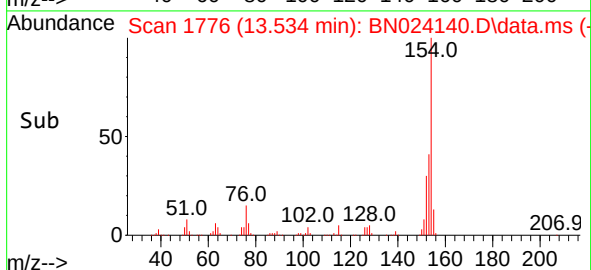
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

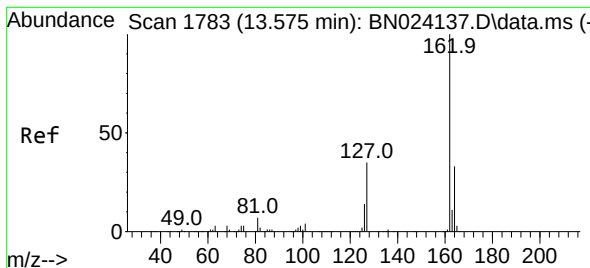


#43
1,1'-Biphenyl
Concen: 5.156 ng/ul
RT: 13.534 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01



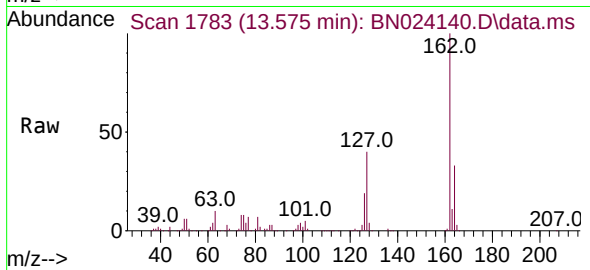
Tgt Ion:154 Resp: 316589
Ion Ratio Lower Upper
154 100
153 40.6 30.8 46.2
76 14.8 11.1 16.7





#44
2-Chloronaphthalene
Concen: 5.159 ng/ul
RT: 13.575 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

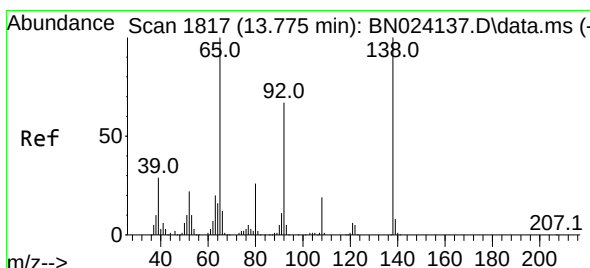
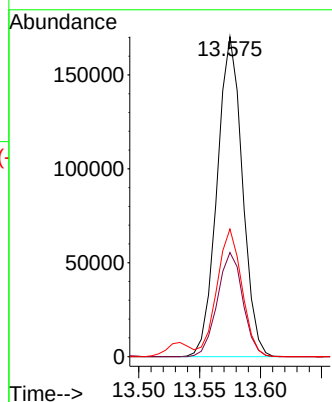
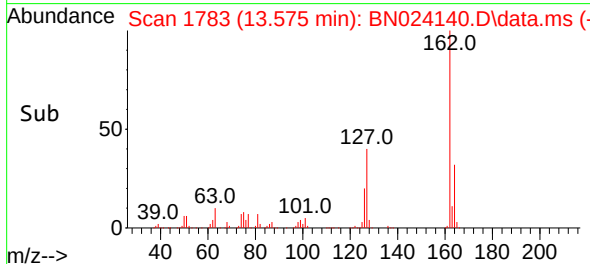
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:162 Resp: 246812
Ion Ratio Lower Upper
162 100
164 32.5 25.8 38.6
127 39.9 30.8 46.2

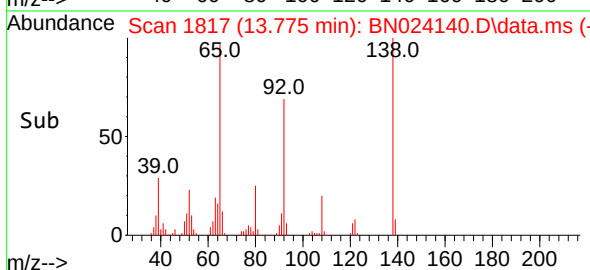
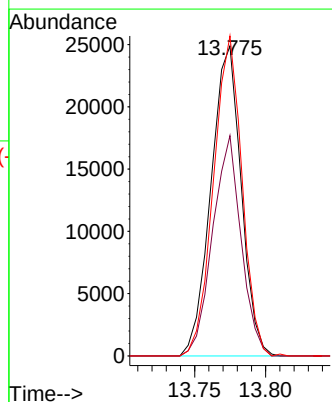
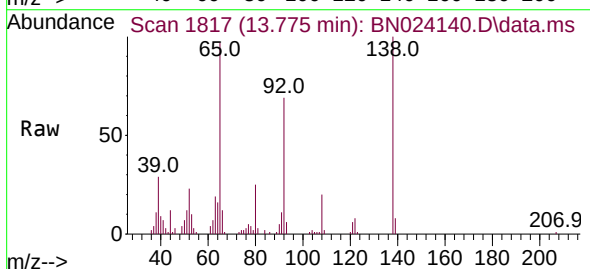
Manual Integrations
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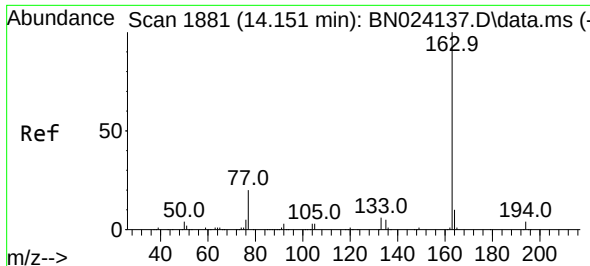
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#45
2-Nitroaniline
Concen: 3.531 ng/ul
RT: 13.775 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

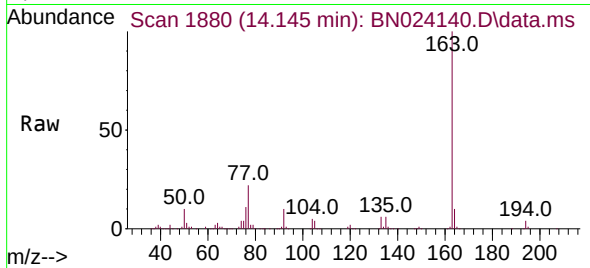
Tgt Ion: 65 Resp: 36805
Ion Ratio Lower Upper
65 100
92 71.0 53.8 80.8
138 103.2 84.1 126.1





#47
Dimethylphthalate
Concen: 5.013 ng/ul
RT: 14.145 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

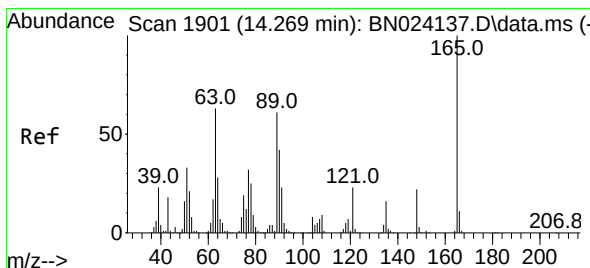
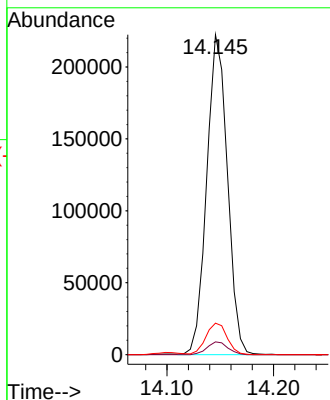
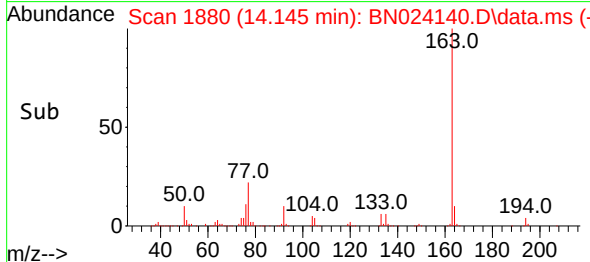
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:163 Resp: 300573
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.8 8.1 12.1

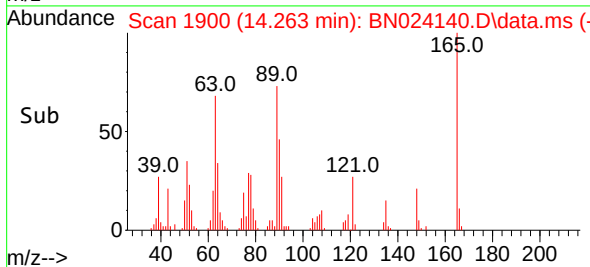
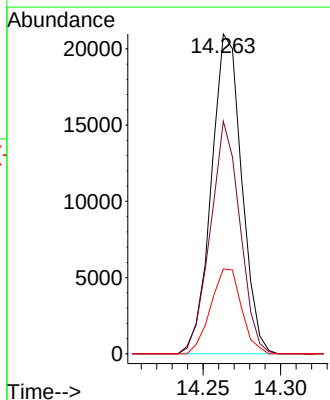
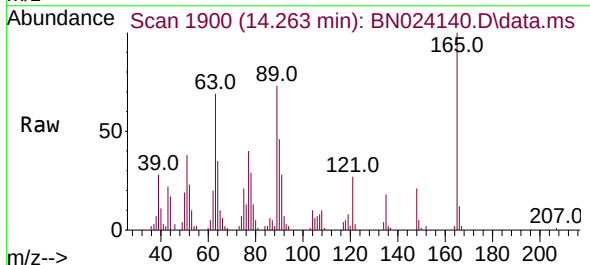
Manual Integrations
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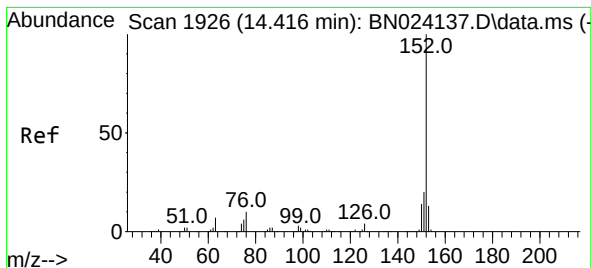
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#48
2,6-Dinitrotoluene
Concen: 3.238 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

Tgt Ion:165 Resp: 28572
Ion Ratio Lower Upper
165 100
89 72.7 52.6 78.8
121 26.5 19.4 29.2





#50

Acenaphthylene

Concen: 5.156 ng/ul

RT: 14.416 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

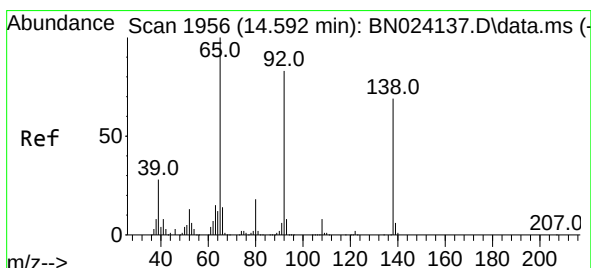
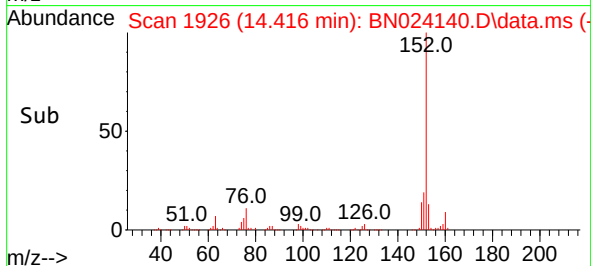
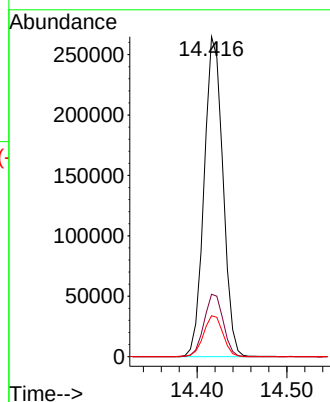
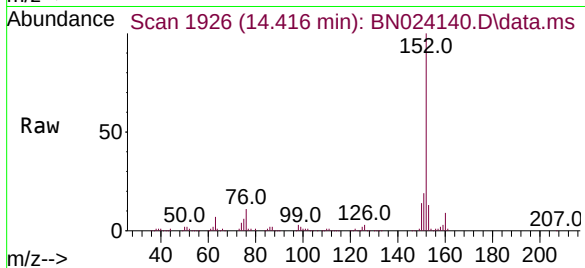
Tgt Ion:	152	Resp:	384704
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.6	23.4
153	12.8	10.1	15.1

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#51

3-Nitroaniline

Concen: 3.538 ng/ul

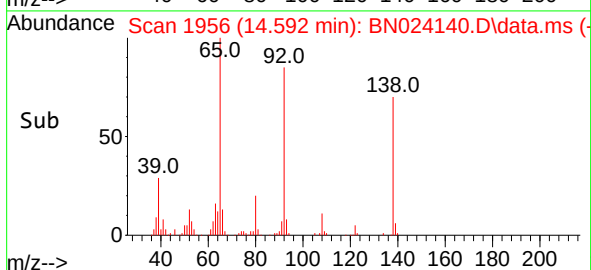
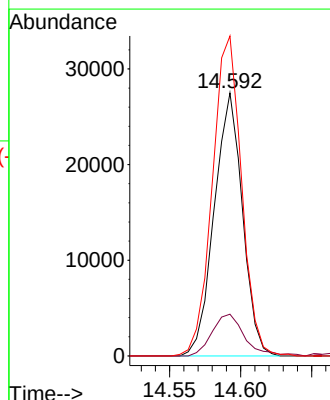
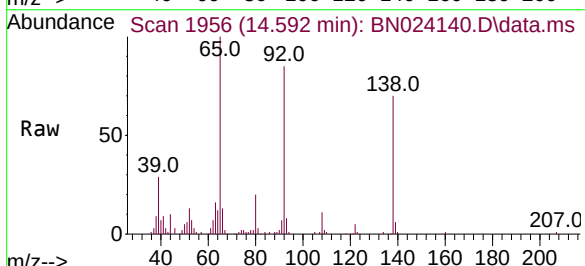
RT: 14.592 min Scan# 1956

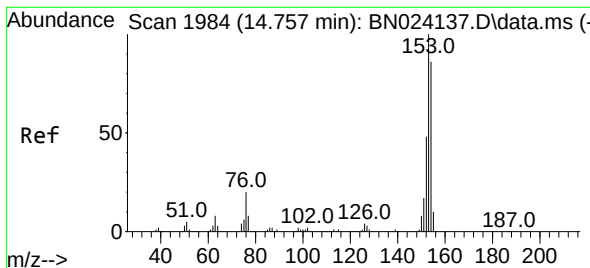
Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:	138	Resp:	37955
Ion Ratio	Lower	Upper	
138	100		
108	15.8	9.6	14.4#
92	121.7	95.3	142.9





#52

Acenaphthene

Concen: 5.197 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

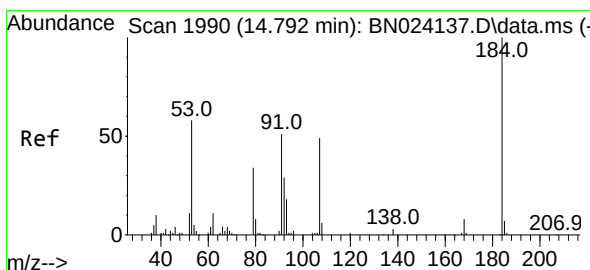
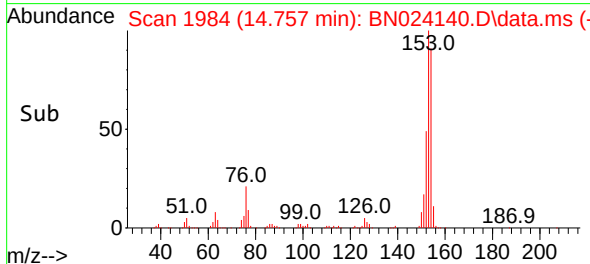
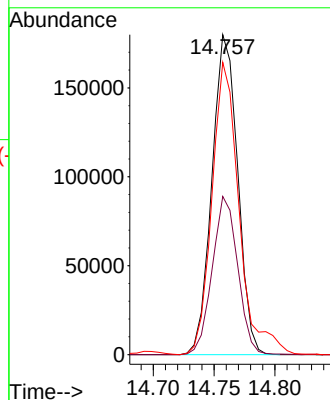
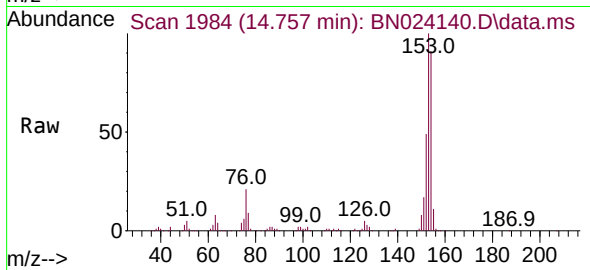
Tgt Ion:	153	Resp:	26451
Ion Ratio	Lower	Upper	
153	100		
152	49.4	39.7	59.5
154	91.3	70.6	106.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#53

2,4-Dinitrophenol

Concen: 4.664 ng/ul

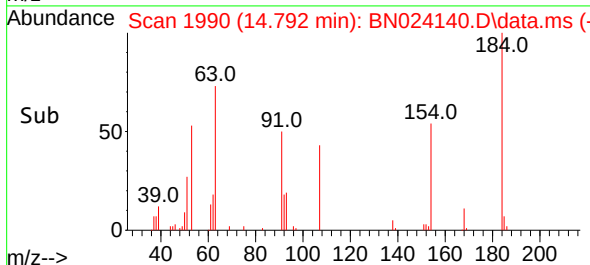
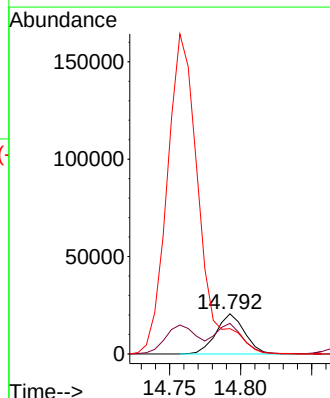
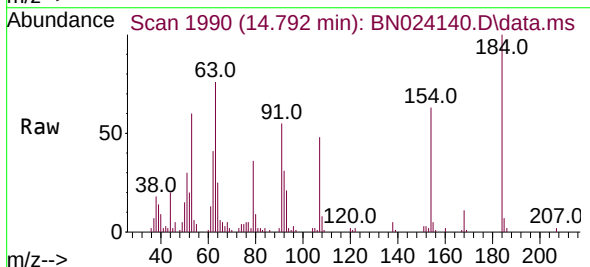
RT: 14.792 min Scan# 1990

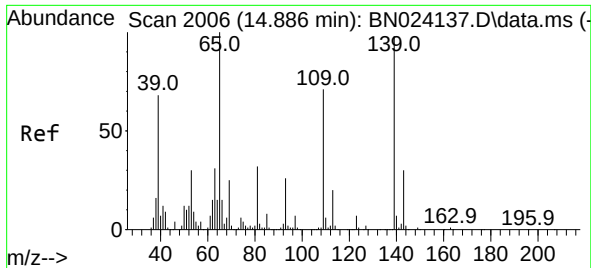
Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

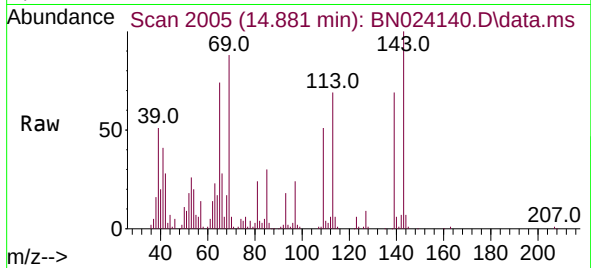
Tgt Ion:	184	Resp:	28494
Ion Ratio	Lower	Upper	
184	100		
63	76.0	61.6	92.4
154	62.7	50.2	75.4





#55
4-Nitrophenol
Concen: 4.657 ng/ul
RT: 14.881 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

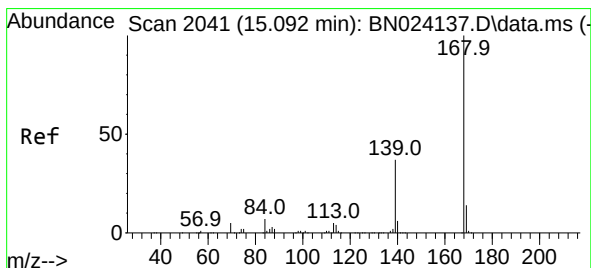
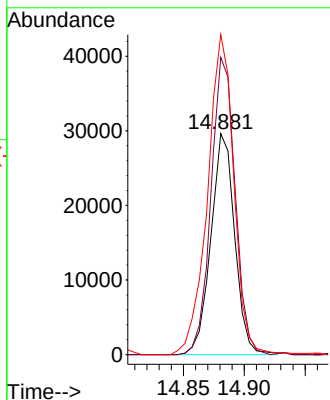
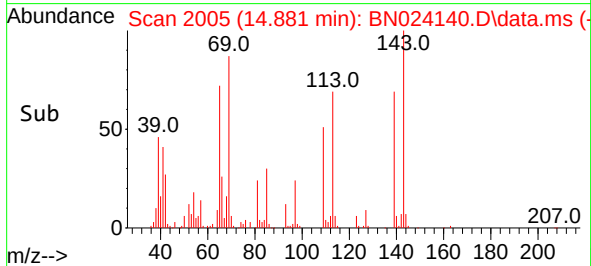
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:109 Resp: 40326
Ion Ratio Lower Upper
109 100
139 134.5 115.0 172.4
65 144.8 115.7 173.5

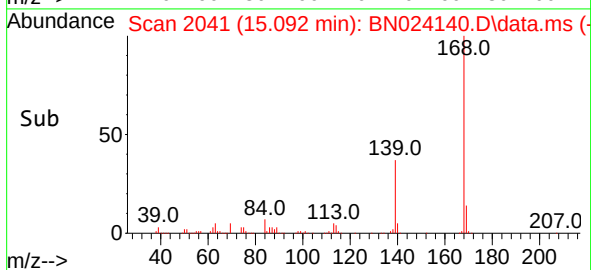
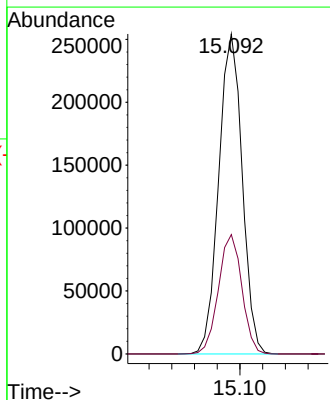
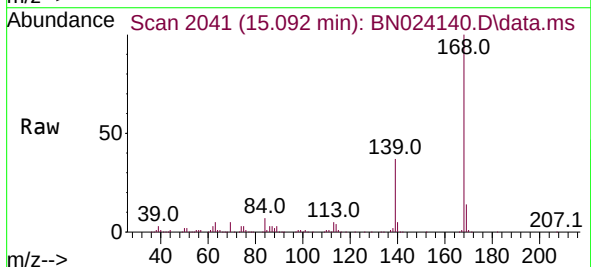
Manual Integrations
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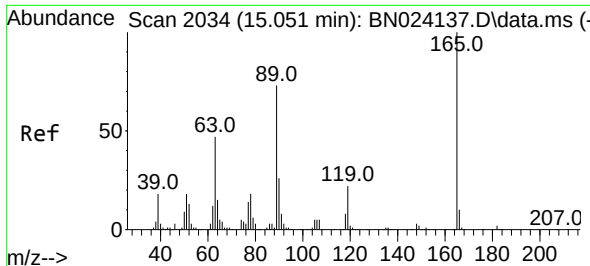
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#56
Dibenzofuran
Concen: 5.098 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

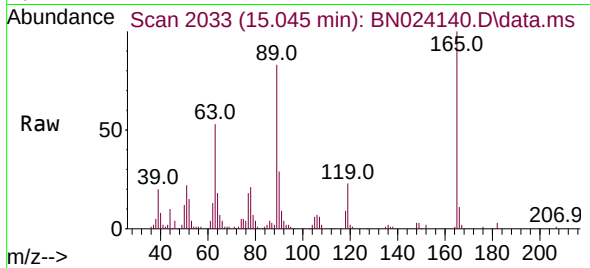
Tgt Ion:168 Resp: 364505
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.785 ng/ul
RT: 15.045 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

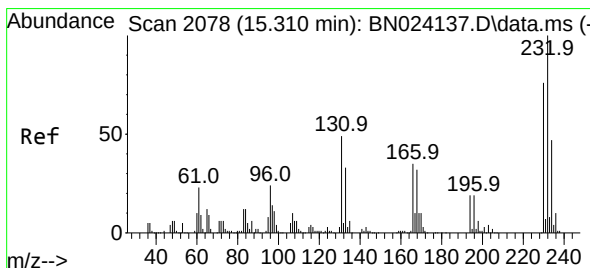
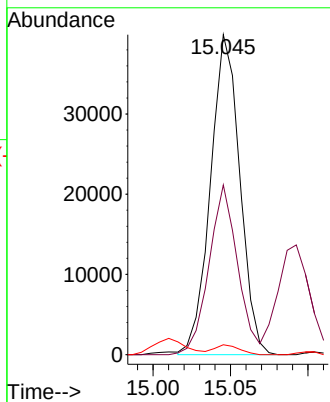
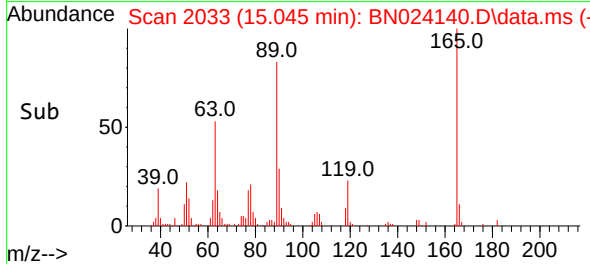
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:165 Resp: 5265
Ion Ratio Lower Upper
165 100
63 53.0 38.5 57.7
182 3.1 2.2 3.4

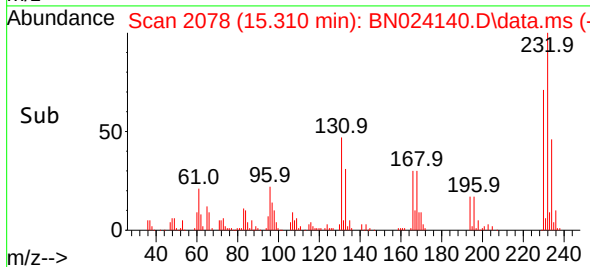
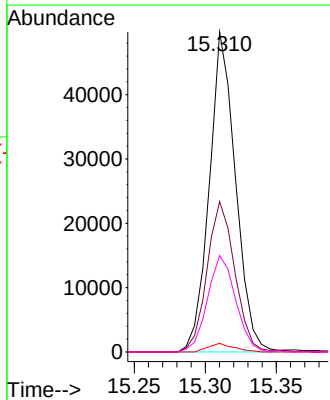
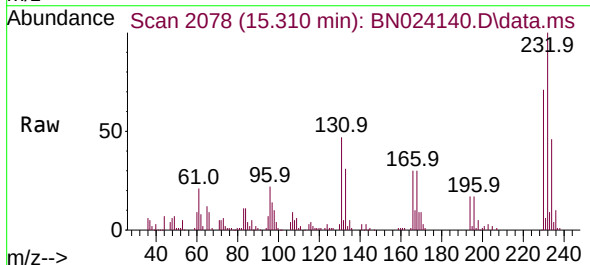
Manual Integrations
APPROVED

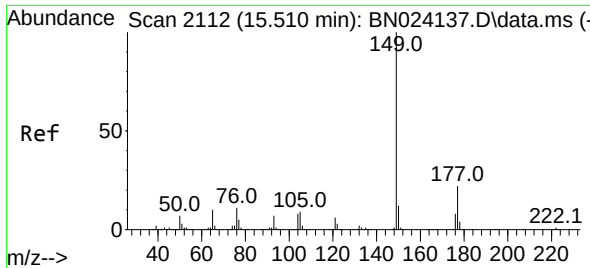
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.555 ng/ul
RT: 15.310 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

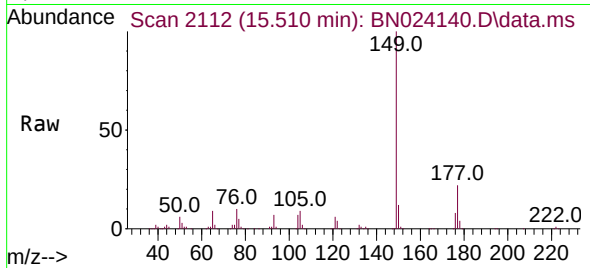
Tgt Ion:232 Resp: 64079
Ion Ratio Lower Upper
232 100
131 47.0 38.5 57.7
130 2.7 2.0 3.0
166 30.1 26.0 39.0





#59
Diethylphthalate
Concen: 4.844 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

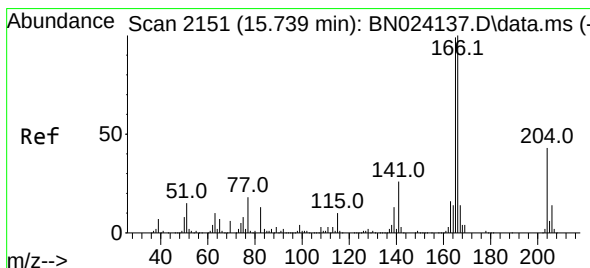
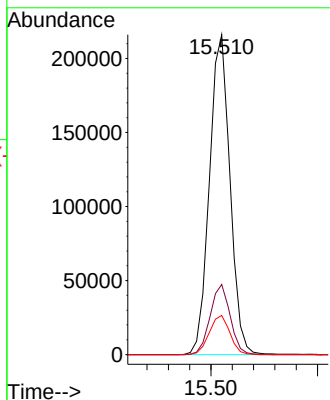
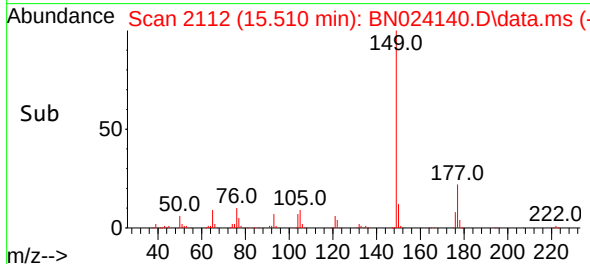
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:149 Resp: 289496
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.2 9.7 14.5

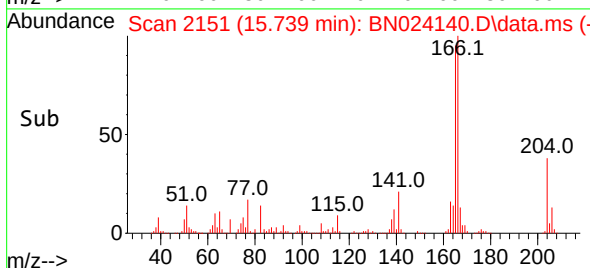
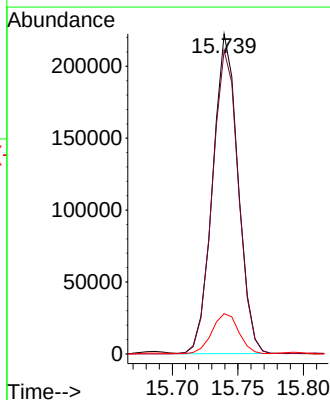
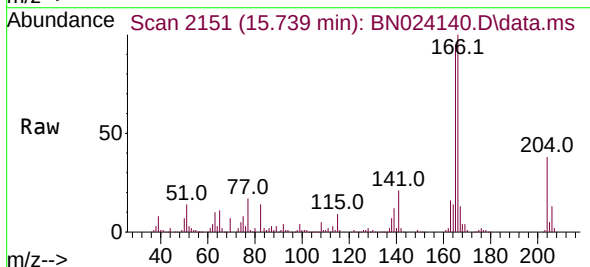
Manual Integrations
APPROVED

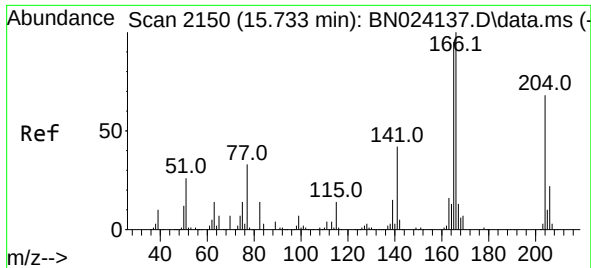
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#61
Fluorene
Concen: 5.344 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

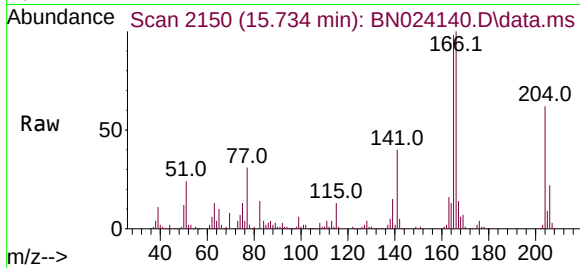
Tgt Ion:166 Resp: 299371
Ion Ratio Lower Upper
166 100
165 94.9 75.6 113.4
167 12.6 11.2 16.8





#62
4-Chlorophenyl-phenylether
Concen: 5.231 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

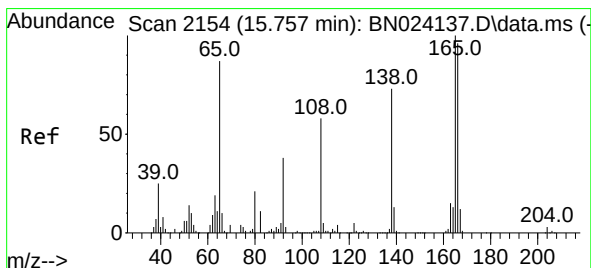
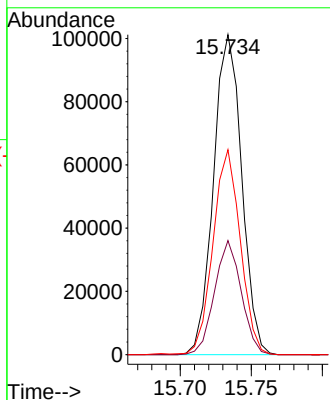
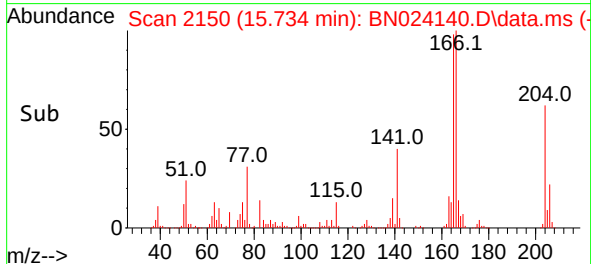
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



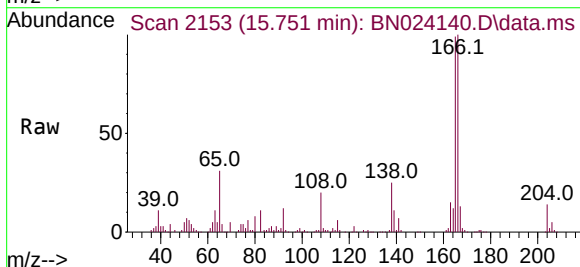
Tgt Ion:204 Resp: 140109
Ion Ratio Lower Upper
204 100
206 35.6 27.1 40.7
141 64.0 47.4 71.0

Manual Integrations
APPROVED

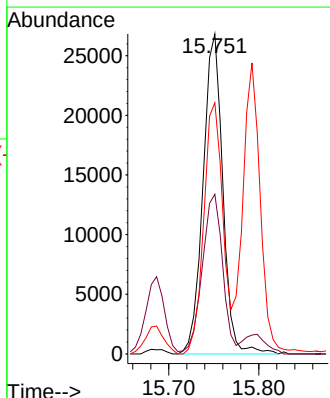
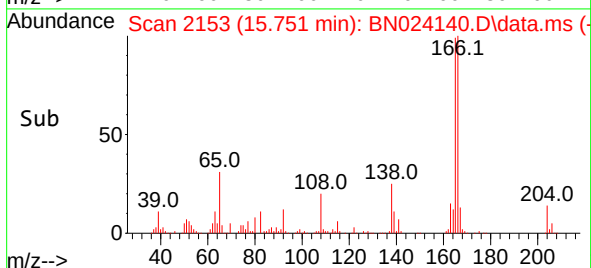
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

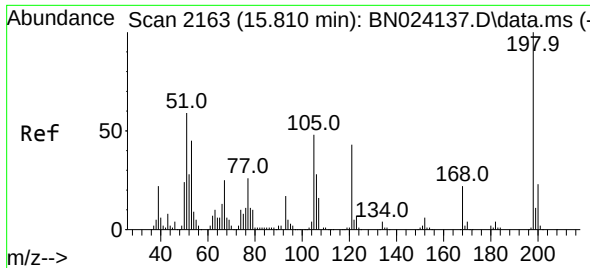


#63
4-Nitroaniline
Concen: 3.936 ng/ul m
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01



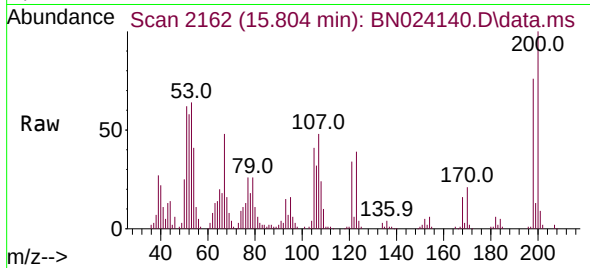
Tgt Ion:138 Resp: 40831
Ion Ratio Lower Upper
138 100
92 49.9 40.0 60.0
108 78.5 60.4 90.6





#66
4,6-Dinitro-2-methylphenol
Concen: 4.546 ng/ul
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

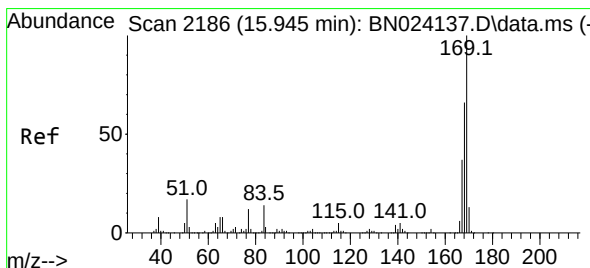
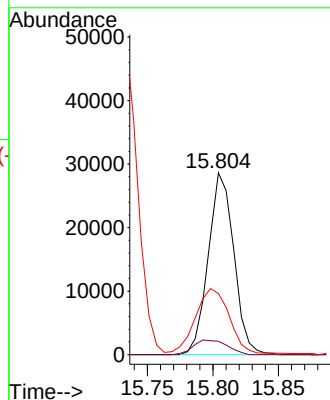
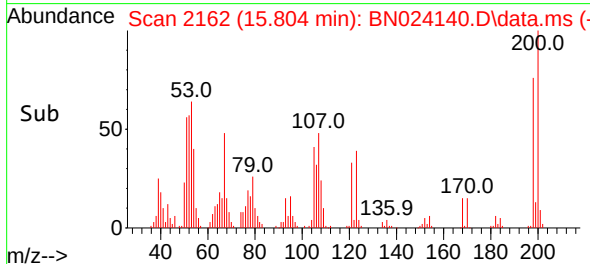
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:198 Resp: 38875
Ion Ratio Lower Upper
198 100
182 7.3 3.4 5.0
77 33.6 20.4 30.6

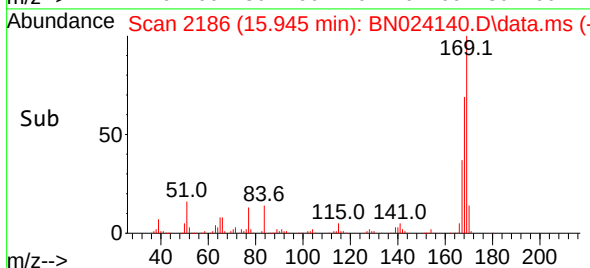
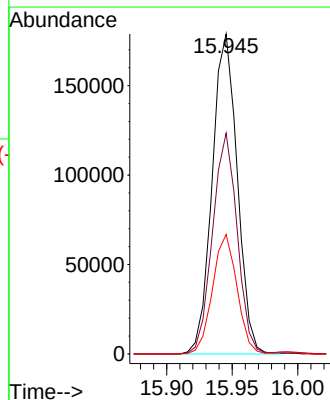
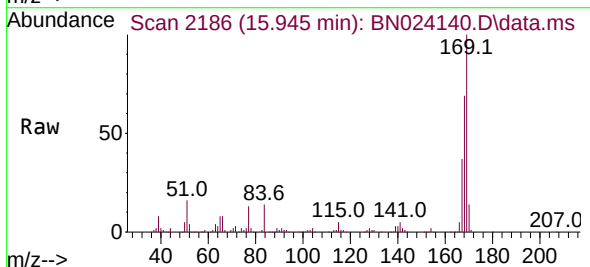
Manual Integrations
APPROVED

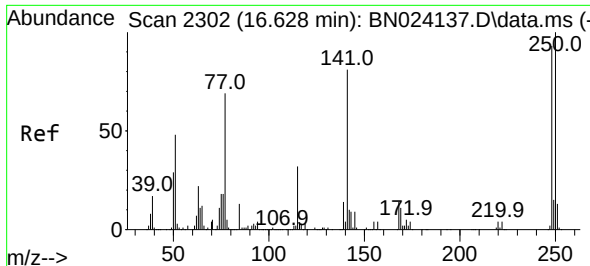
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#67
N-Nitrosodiphenylamine
Concen: 5.122 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

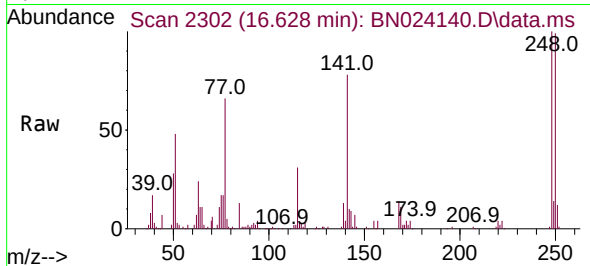
Tgt Ion:169 Resp: 237988
Ion Ratio Lower Upper
169 100
168 69.0 54.5 81.7
167 37.3 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 5.225 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

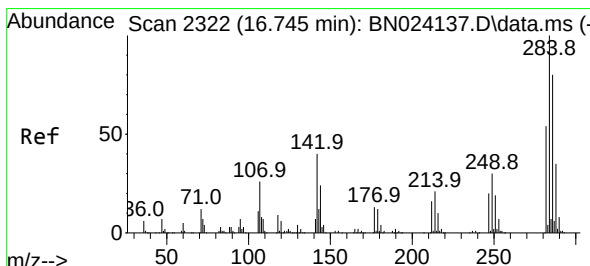
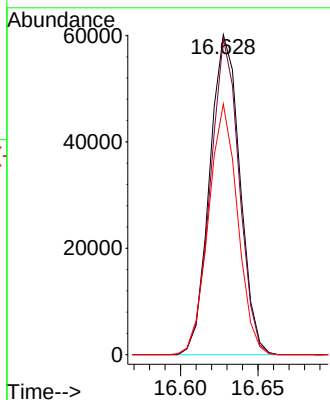
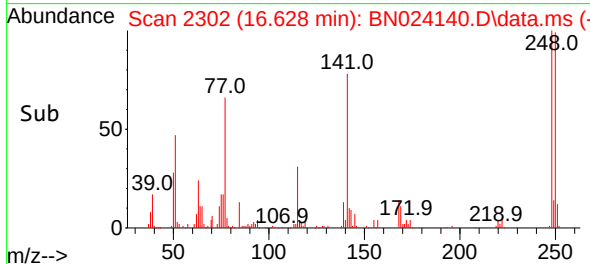
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



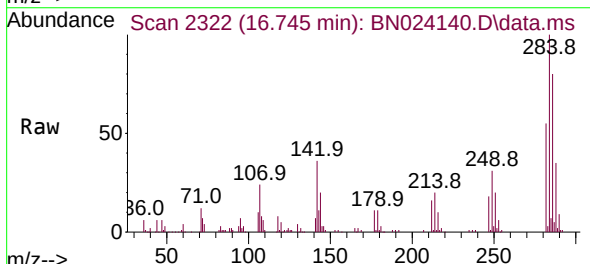
Tgt Ion:248 Resp: 81499
Ion Ratio Lower Upper
248 100
250 98.9 76.6 115.0
141 78.3 61.4 92.0

Manual Integrations
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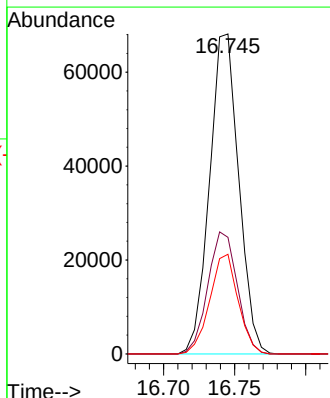
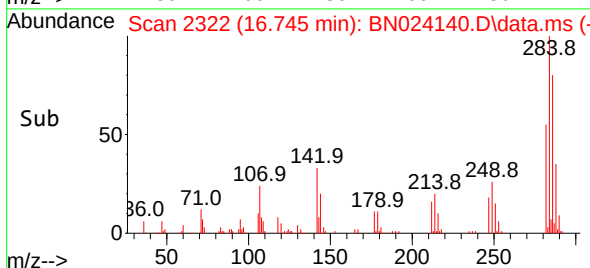
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

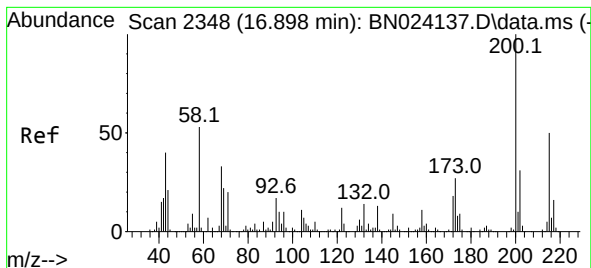


#69
Hexachlorobenzene
Concen: 5.135 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01



Tgt Ion:284 Resp: 97434
Ion Ratio Lower Upper
284 100
142 36.4 29.0 43.6
249 31.2 25.0 37.6





#70

Atrazine

Concen: 4.439 ng/ul

RT: 16.892 min Scan# 2348

Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

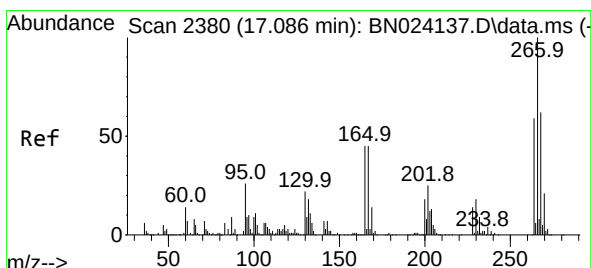
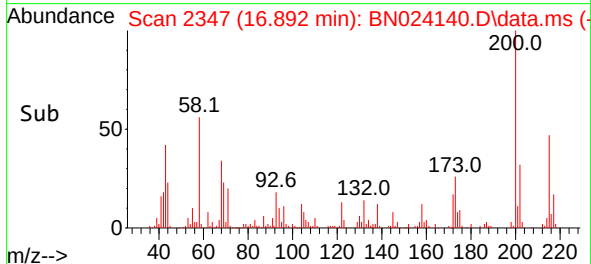
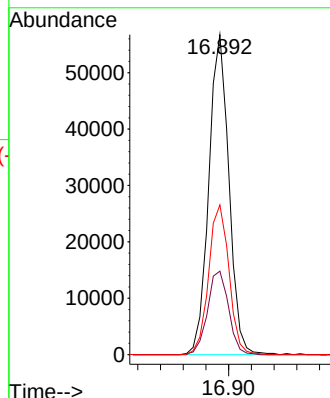
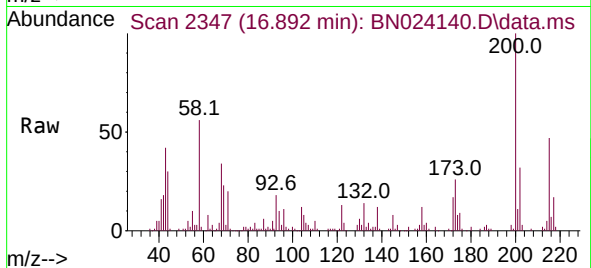
Tgt Ion:200	Resp: 6981
Ion Ratio	Lower Upper
200 100	
173 26.1	20.7 31.1
215 46.8	38.8 58.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#71

Pentachlorophenol

Concen: 4.557 ng/ul

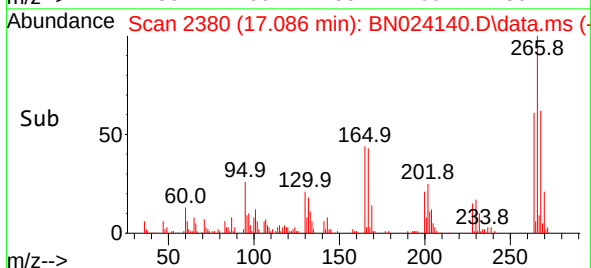
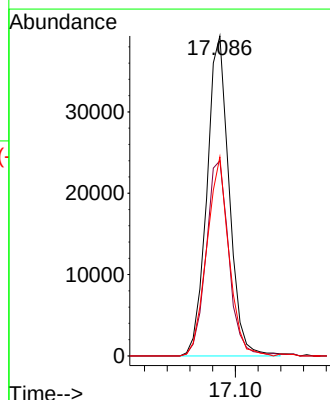
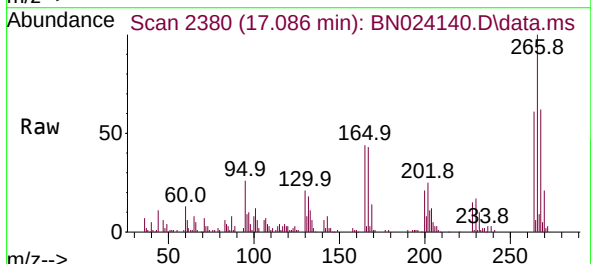
RT: 17.086 min Scan# 2380

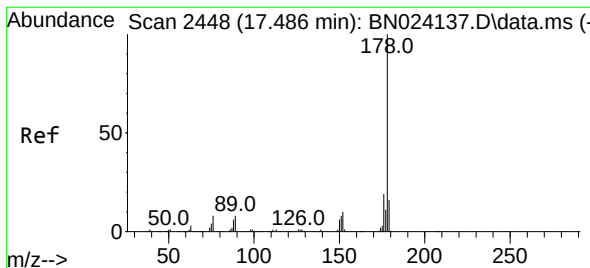
Delta R.T. 0.006 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:266	Resp: 53497
Ion Ratio	Lower Upper
266 100	
264 61.0	49.5 74.3
268 62.2	51.3 76.9





#72

Phenanthrene

Concen: 5.404 ng/ul

RT: 17.481 min Scan# 2448

Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

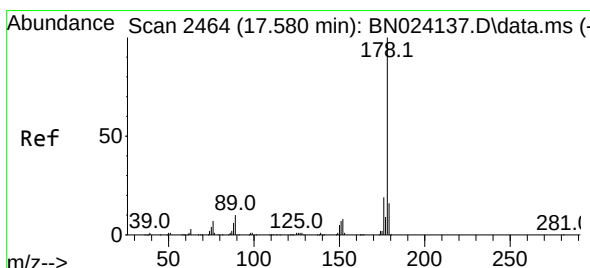
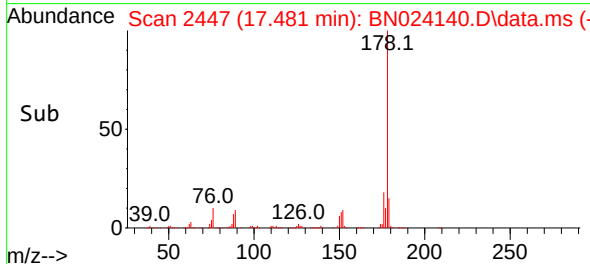
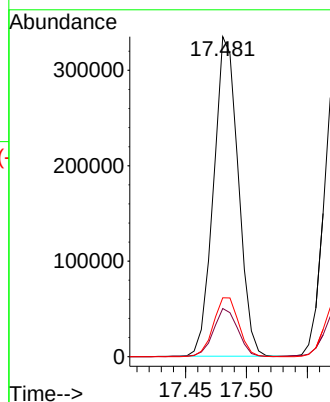
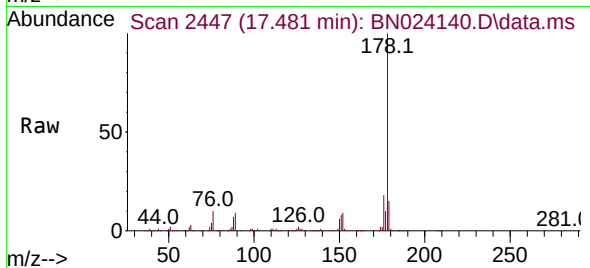
MDL-SOIL-QT1-2023-02

Tgt Ion:178 Resp: 469711
 Ion Ratio Lower Upper
 178 100
 179 15.0 11.6 17.4
 176 18.4 14.9 22.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023



#74

Anthracene

Concen: 4.966 ng/ul

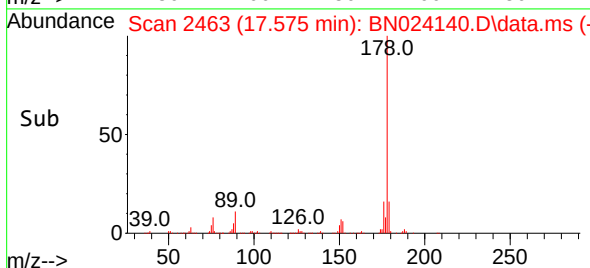
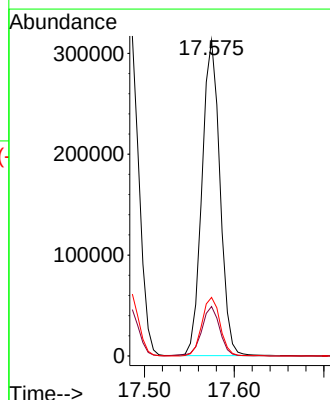
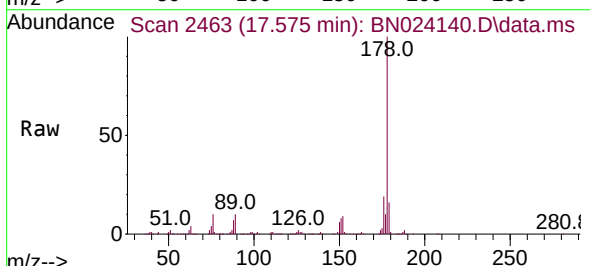
RT: 17.575 min Scan# 2463

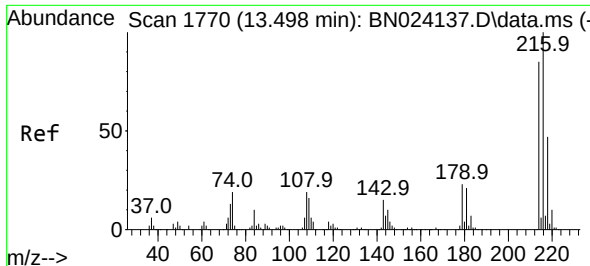
Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

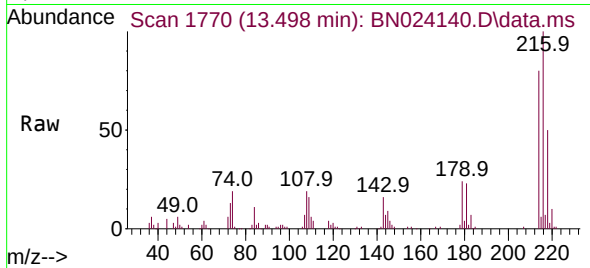
Tgt Ion:178 Resp: 435198
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.9 17.9
 176 18.5 14.6 21.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.043 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

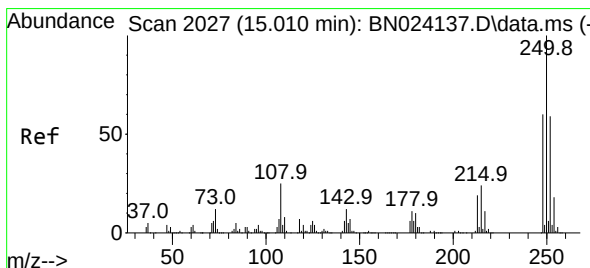
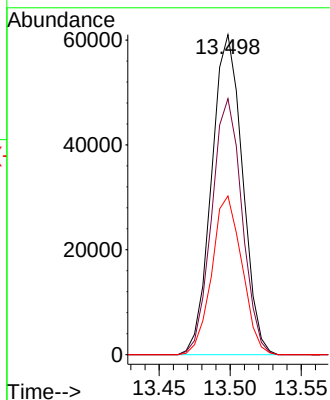
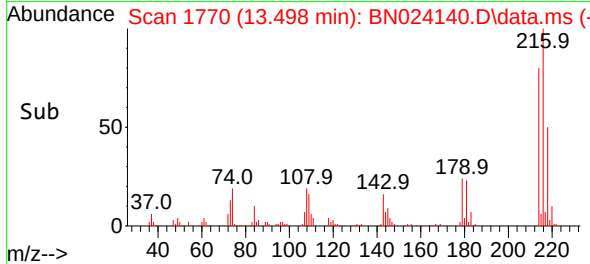
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2023-02



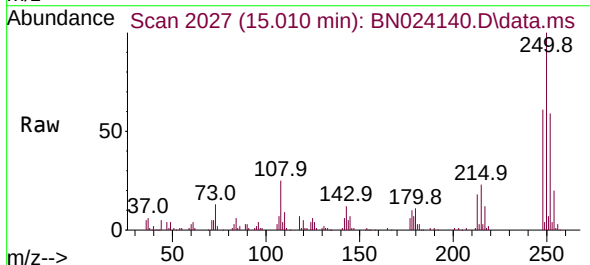
Tgt Ion:216 Resp: 92463
Ion Ratio Lower Upper
216 100
214 80.0 59.6 89.4
218 49.6 37.0 55.4

Manual Integrations
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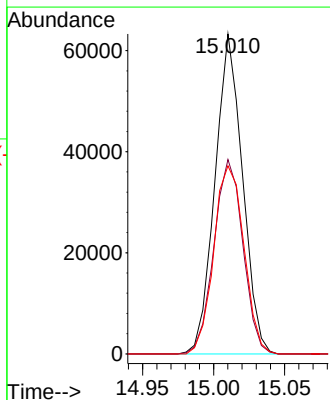
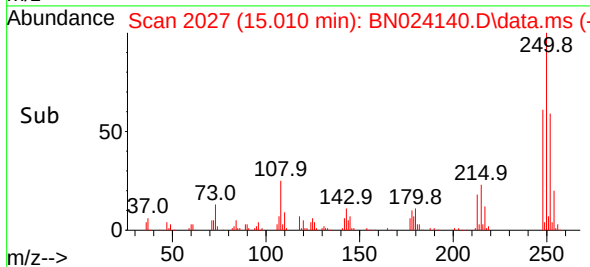
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

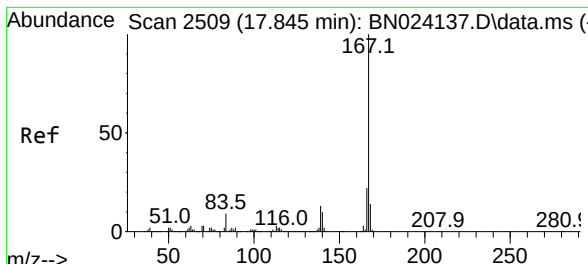


#76
Pentachlorobenzene
Concen: 3.832 ng/uL
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01



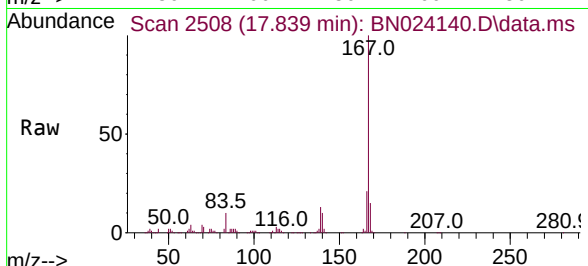
Tgt Ion:250 Resp: 85387
Ion Ratio Lower Upper
250 100
248 60.7 53.0 79.4
252 58.8 54.6 81.8





#77
 Carbazole
 Concen: 5.115 ng/ul
 RT: 17.839 min Scan# 2508
 Delta R.T. -0.000 min
 Lab File: BN024140.D
 Acq: 07 Mar 2023 12:01

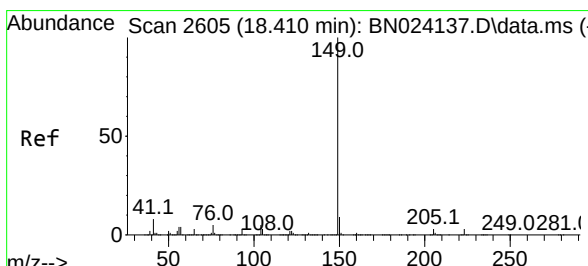
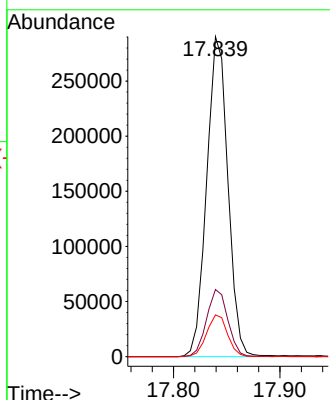
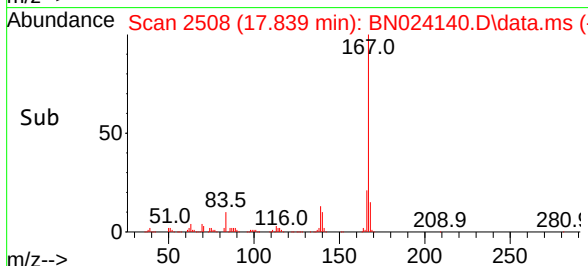
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT1-2023-02



Tgt Ion:167 Resp: 401450
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 13.0 10.5 15.7

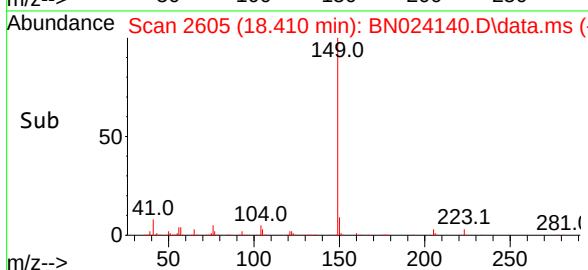
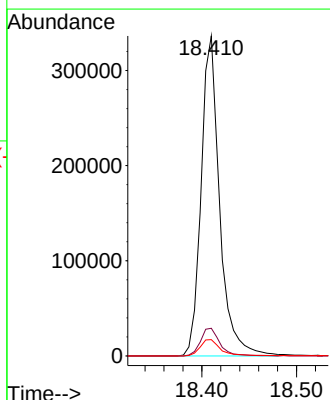
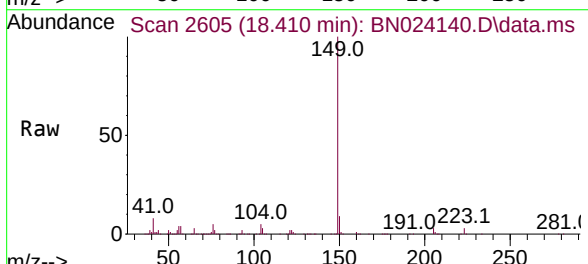
Manual Integrations
 APPROVED

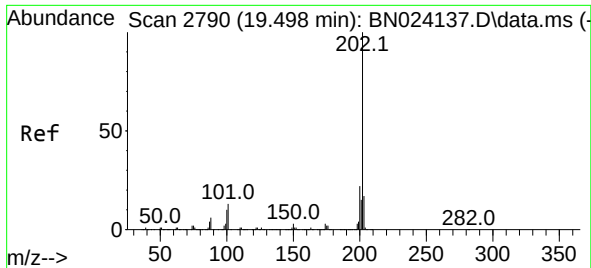
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023



#78
 Di-n-butylphthalate
 Concen: 4.890 ng/ul
 RT: 18.410 min Scan# 2605
 Delta R.T. -0.000 min
 Lab File: BN024140.D
 Acq: 07 Mar 2023 12:01

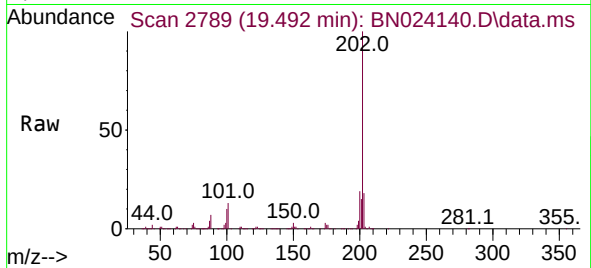
Tgt Ion:149 Resp: 456834
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 5.1 4.0 6.0





#80
Fluoranthene
Concen: 5.196 ng/ul
RT: 19.492 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

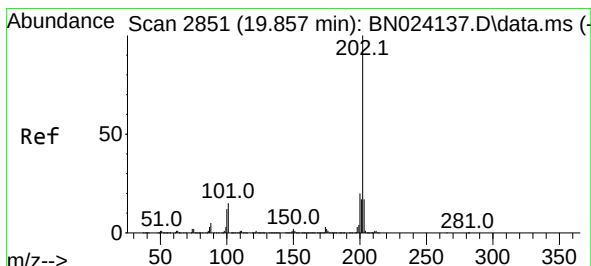
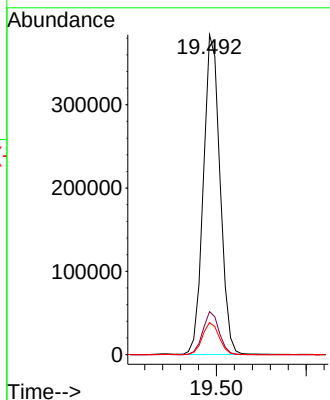
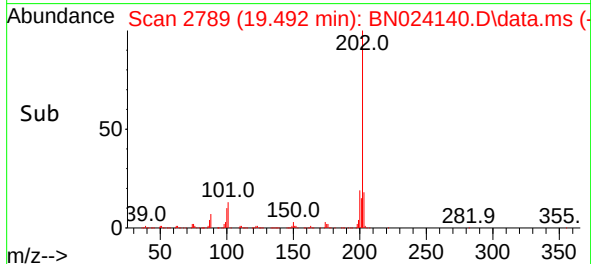
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2023-02



Tgt Ion:202 Resp: 495410
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 10.0 7.6 11.4

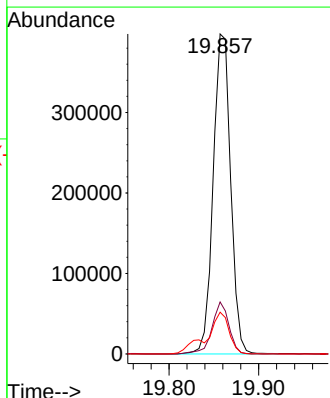
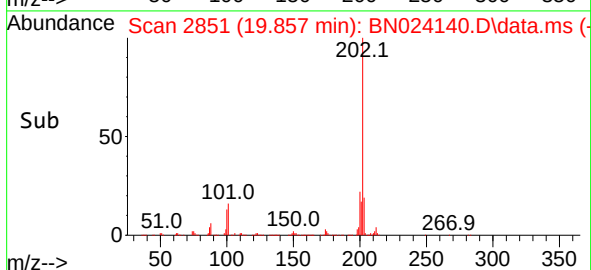
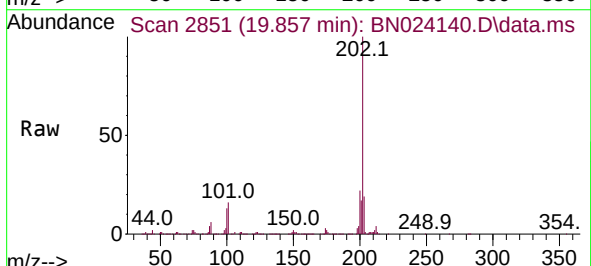
Manual Integrations
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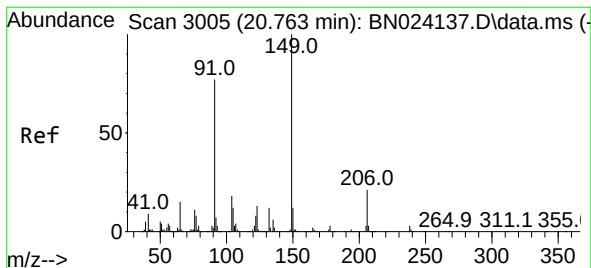
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#82
Pyrene
Concen: 5.344 ng/ul
RT: 19.857 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BN024140.D
Acq: 07 Mar 2023 12:01

Tgt Ion:202 Resp: 537525
Ion Ratio Lower Upper
202 100
101 16.2 11.9 17.9
100 13.0 9.9 14.9





#83

Butylbenzylphthalate

Concen: 4.411 ng/ul

RT: 20.763 min Scan# 3005

Delta R.T. 0.012 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

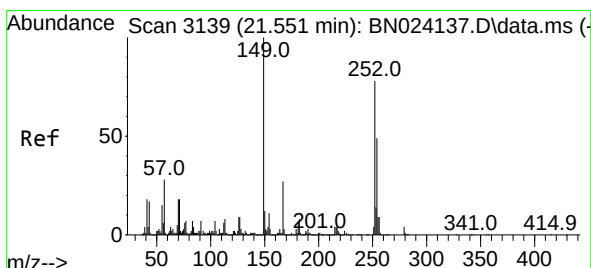
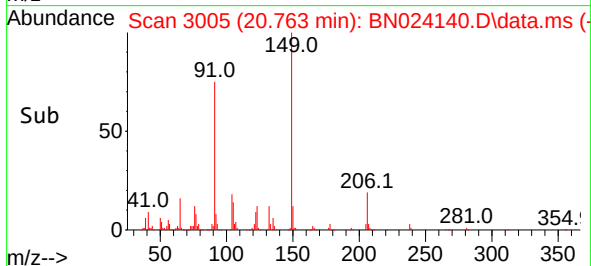
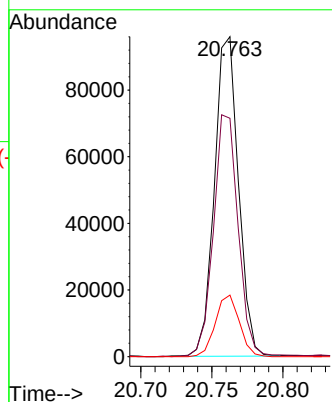
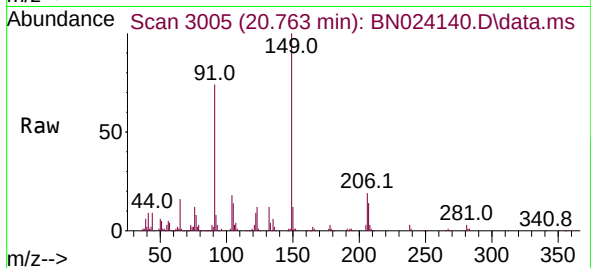
Tgt Ion:	149	Resp:	112995
Ion Ratio	Lower	Upper	
149	100		
91	74.5	62.2	93.2
206	19.2	16.4	24.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.574 ng/ul

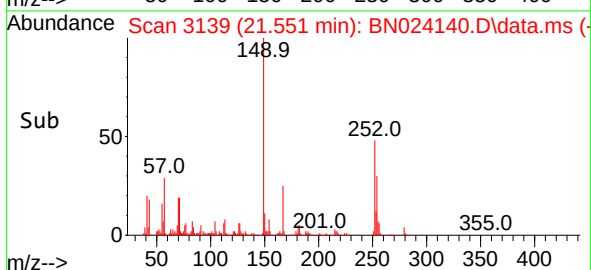
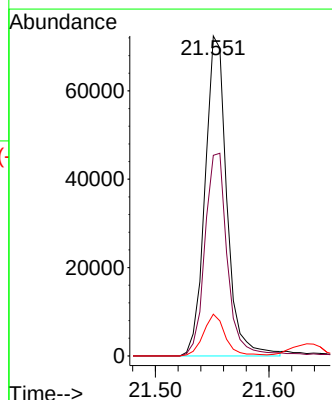
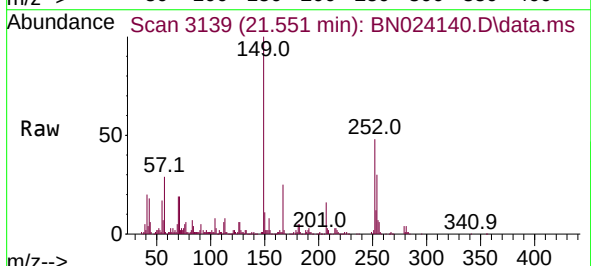
RT: 21.551 min Scan# 3139

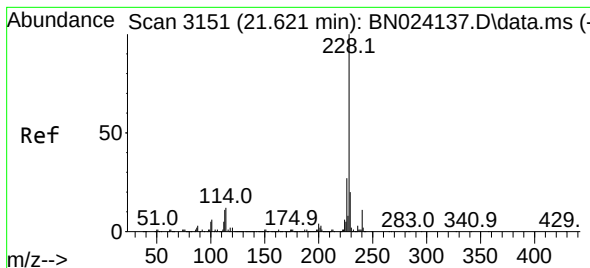
Delta R.T. 0.012 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:	252	Resp:	96665
Ion Ratio	Lower	Upper	
252	100		
254	62.7	54.6	81.8
126	13.0	11.0	16.6





#85

Benzo(a)anthracene

Concen: 5.163 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

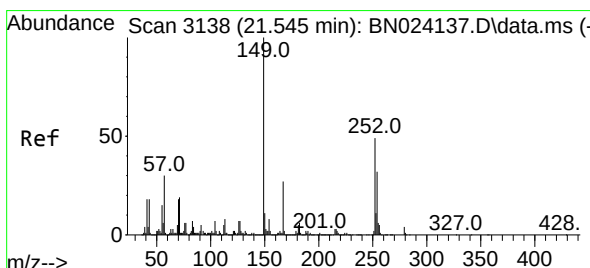
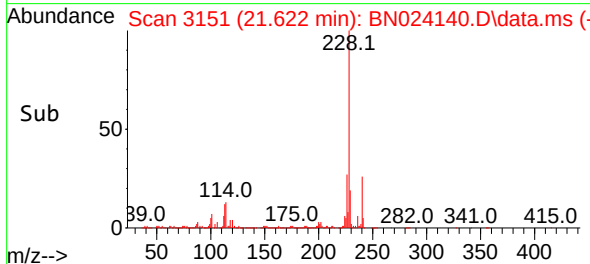
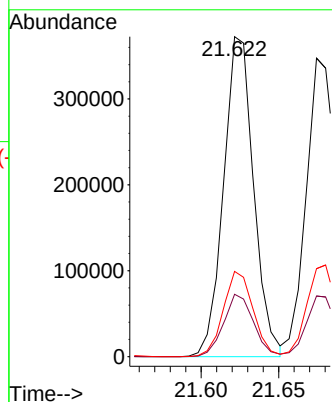
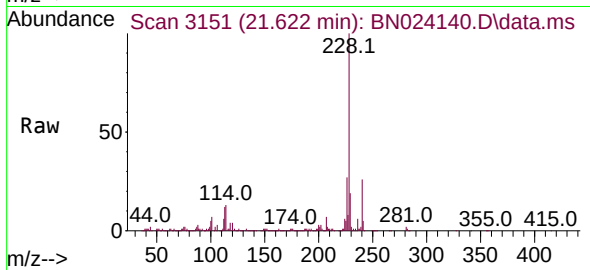
Tgt Ion:	228	Resp:	504942
Ion Ratio	Lower	Upper	
228	100		
229	19.5	16.3	24.5
226	26.7	22.6	34.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.517 ng/ul

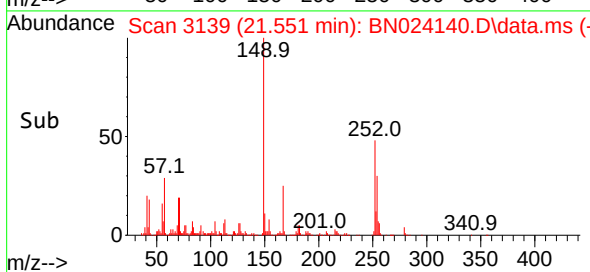
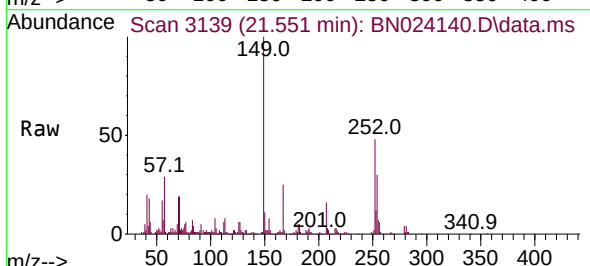
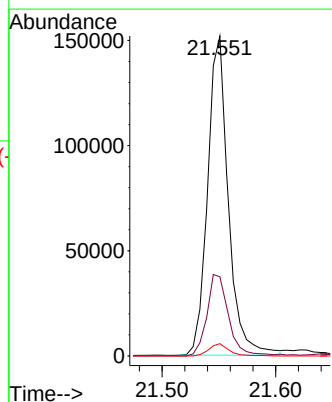
RT: 21.551 min Scan# 3139

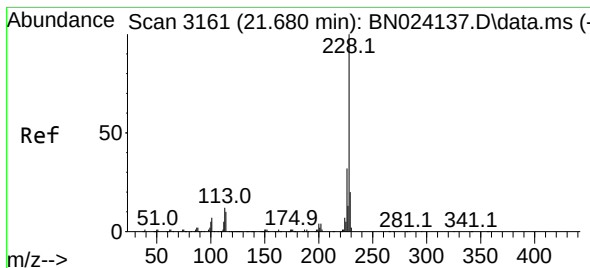
Delta R.T. 0.018 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:	149	Resp:	192016
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.6	32.4
279	3.8	3.4	5.2





#87

Chrysene

Concen: 5.158 ng/ul

RT: 21.674 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

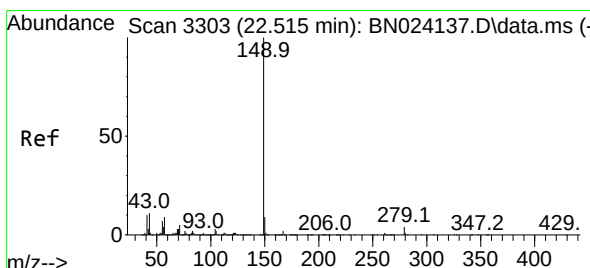
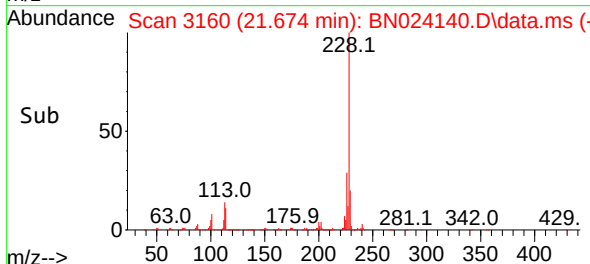
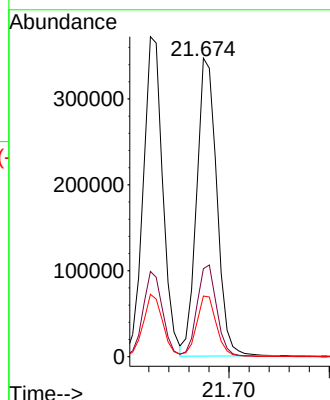
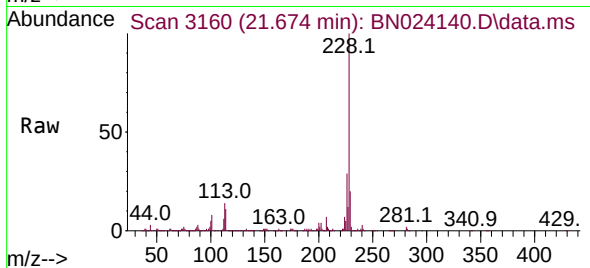
ClientSampleId :

MDL-SOIL-QT1-2023-02

Tgt Ion:228 Resp: 482862
 Ion Ratio Lower Upper
 228 100
 226 29.5 25.8 38.6
 229 20.3 17.5 26.3

Manual Integrations
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Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023



#89

Di-n-octyl phthalate

Concen: 3.825 ng/ul

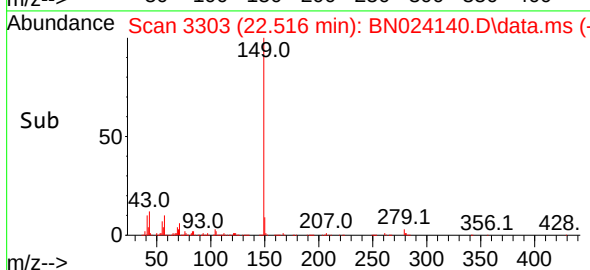
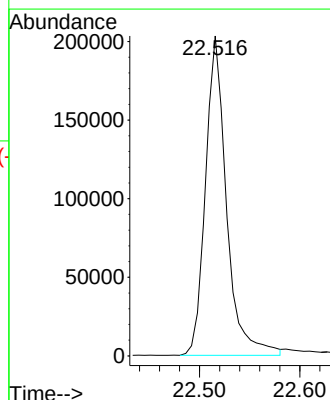
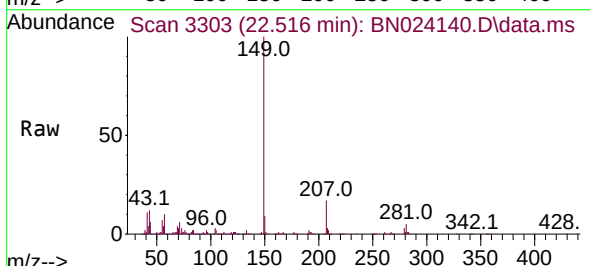
RT: 22.516 min Scan# 3303

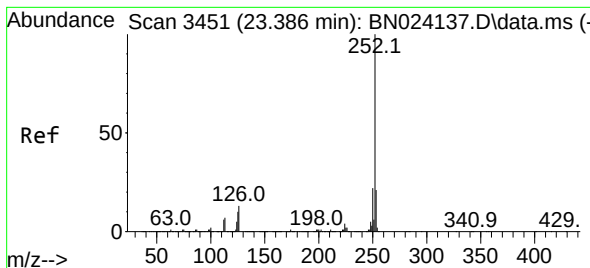
Delta R.T. 0.012 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:149 Resp: 295156





#90

Benzo(b)fluoranthene

Concen: 4.976 ng/ul

RT: 23.380 min Scan# 3451

Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

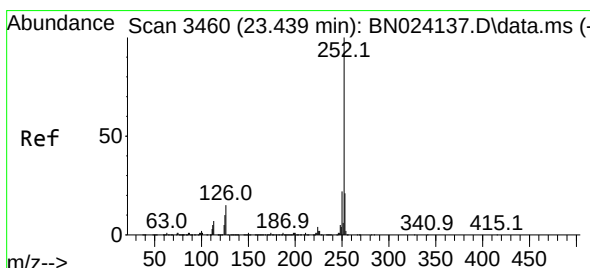
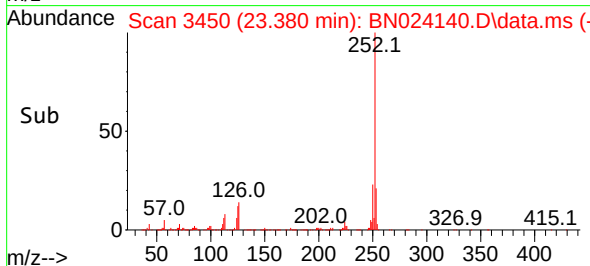
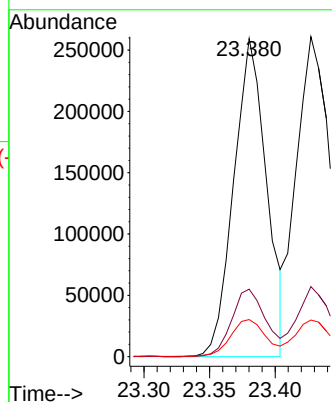
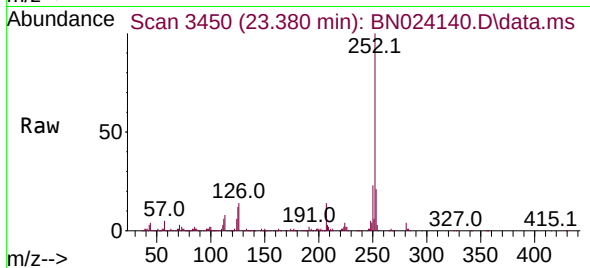
Tgt Ion:252 Resp: 452096
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.3 27.5
 125 11.6 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#91

Benzo(k)fluoranthene

Concen: 5.385 ng/ul

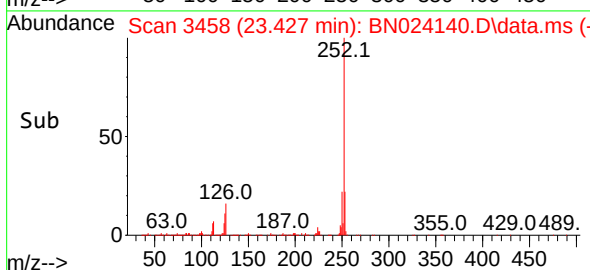
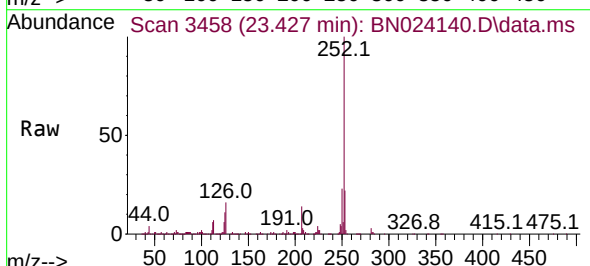
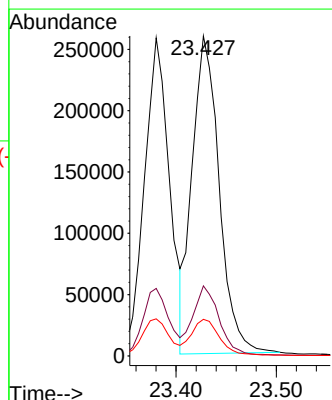
RT: 23.427 min Scan# 3458

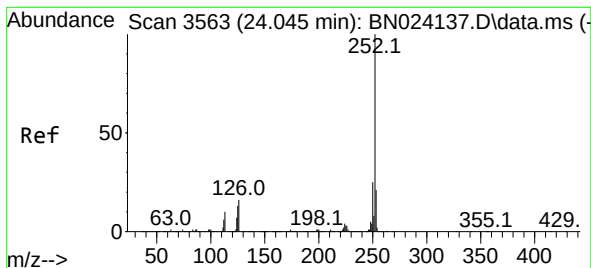
Delta R.T. -0.000 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:252 Resp: 483887
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 11.4 9.0 13.6





#93

Benzo(a)pyrene

Concen: 5.349 ng/ul

RT: 24.039 min Scan# 3562

Delta R.T. -0.006 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

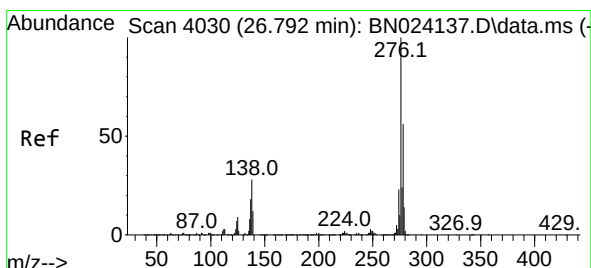
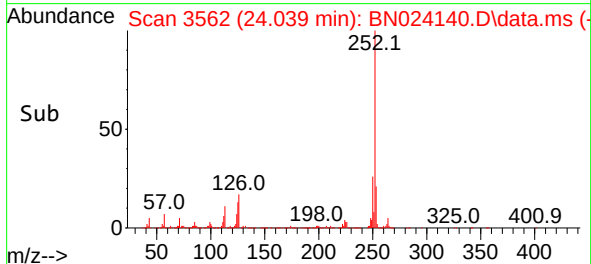
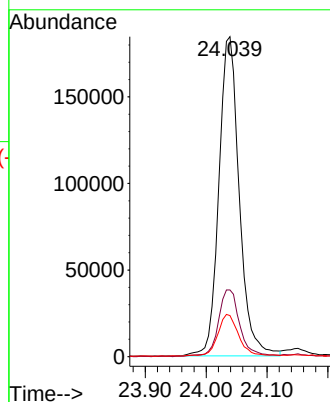
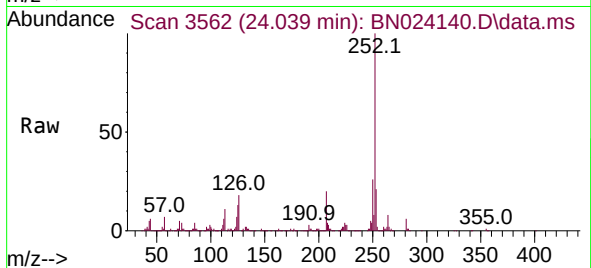
Tgt Ion:	252	Resp:	430392
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.0	25.4
125	12.8	9.5	14.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.524 ng/ul m

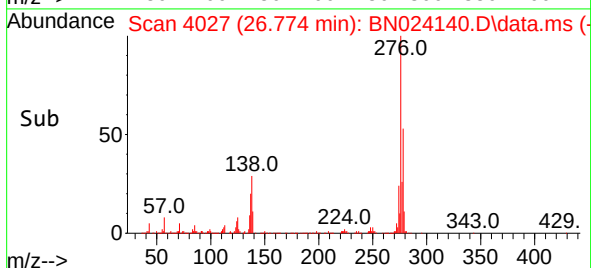
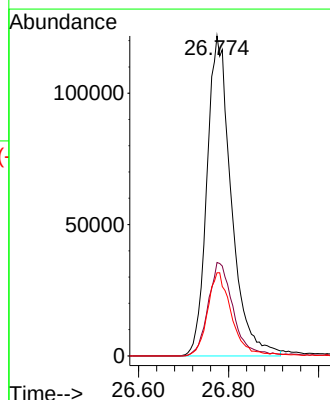
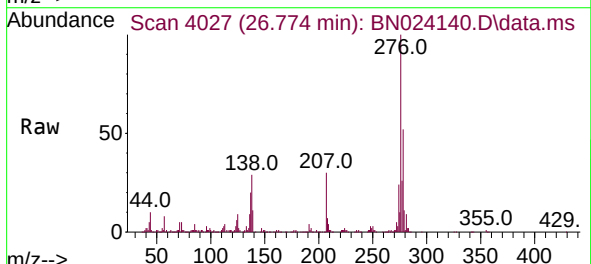
RT: 26.774 min Scan# 4027

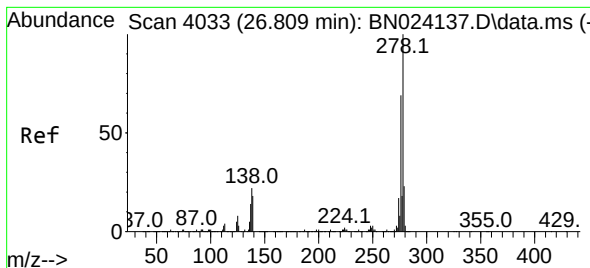
Delta R.T. -0.035 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:	276	Resp:	458392
Ion Ratio	Lower	Upper	
276	100		
138	29.2	19.6	29.4
277	26.0	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 4.705 ng/ul m

RT: 26.792 min Scan# 4033

Delta R.T. -0.035 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT1-2023-02

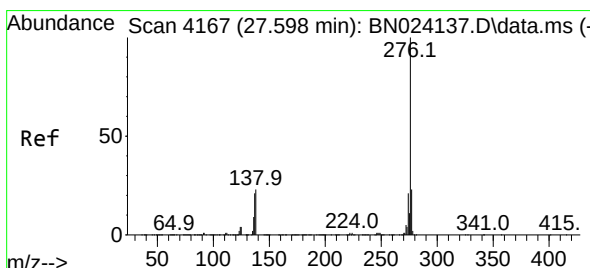
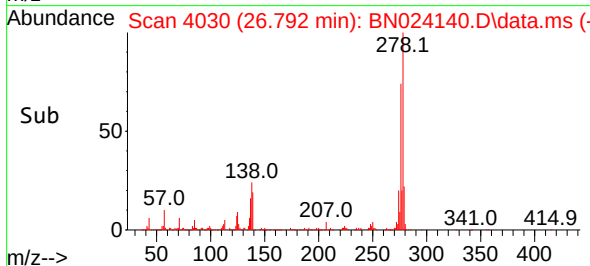
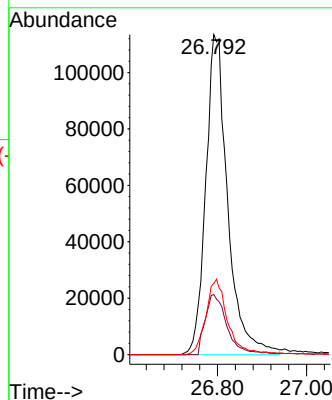
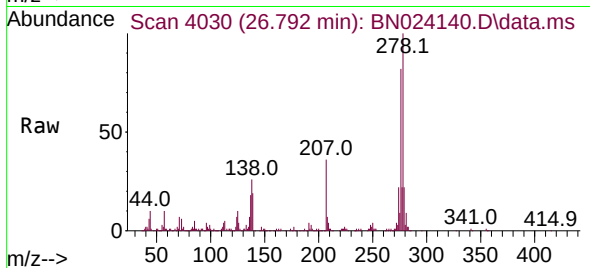
Tgt Ion:	278	Resp:	38814
Ion Ratio	Lower	Upper	
278	100		
139	18.8	14.4	21.6
279	22.2	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#96

Benzo(g,h,i)perylene

Concen: 4.554 ng/ul m

RT: 27.580 min Scan# 4164

Delta R.T. -0.041 min

Lab File: BN024140.D

Acq: 07 Mar 2023 12:01

Tgt Ion:	276	Resp:	380697
Ion Ratio	Lower	Upper	
276	100		
138	25.3	18.8	28.2
277	23.8	18.6	27.8

