

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024141.D
 Acq On : 07 Mar 2023 12:37
 Operator : CG/JU
 Sample : 01378-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 08 03:04:57 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	298099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1281022	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	760817	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1572765	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1455773	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1444813	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	37822	4.949	ng/uL	0.00
4) Pyridine-d5	3.834	84	360032	17.027	ng/u1	0.00
7) Phenol-d5	7.199	99	521337	19.497	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	338897	19.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	403997	19.674	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	392298	18.455	ng/u1	0.00
21) Nitrobenzene-d5	9.228	128	167449	20.139	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	182914	20.174	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	369607	18.891	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	546668	18.728	ng/u1	0.00
46) Dimethylphthalate-d6	14.098	166	1131003	19.262	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	1311410	19.188	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	185731	16.554	ng/u1	0.00
60) Fluorene-d10	15.686	176	965578	19.567	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	124148	14.651	ng/u1	0.00
73) Anthracene-d10	17.539	188	1352157	18.229	ng/u1	0.00
81) Pyrene-d10	19.827	212	1609632	18.919	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1461339	20.346	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	11197	1.353	ng/uL	97
5) Pyridine	3.858	79	94779	4.330	ng/u1	88
6) Benzaldehyde	7.187	77	67755m	5.216	ng/u1	
8) Phenol	7.228	94	134968	4.869	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.475	93	109075	4.856	ng/u1	98
12) 2-Chlorophenol	7.616	128	101332	4.753	ng/u1	100
13) 2-Methylphenol	8.493	108	95518	4.582	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.593	45	176172	4.944	ng/u1	99
16) Acetophenone	8.887	105	175599	5.321	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	78367	4.837	ng/u1	98
18) 4-Methylphenol	8.822	108	110934	4.835	ng/u1	97
19) Hexachloroethane	9.152	117	38611	4.612	ng/u1	98
22) Nitrobenzene	9.269	77	117499	5.220	ng/u1	97
23) Isophorone	9.793	82	240174	4.882	ng/u1	100
25) 2-Nitrophenol	9.981	139	53424	5.129	ng/u1	99
26) 2,4-Dimethylphenol	10.034	107	92677	3.904	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	151221	4.951	ng/u1	96
29) 2,4-Dichlorophenol	10.516	162	97835	4.954	ng/u1	96
30) Naphthalene	10.928	128	358669	5.088	ng/u1	99
32) 4-Chloroaniline	11.034	127	146360	4.972	ng/u1	99
33) Hexachlorobutadiene	11.216	225	57213	4.754	ng/u1	95
34) Caprolactam	11.810	113	33410m	4.961	ng/u1	
35) 4-Chloro-3-methylphenol	12.146	107	103217	4.745	ng/u1	96
36) 2-Methylnaphthalene	12.534	142	237219	5.111	ng/u1	98

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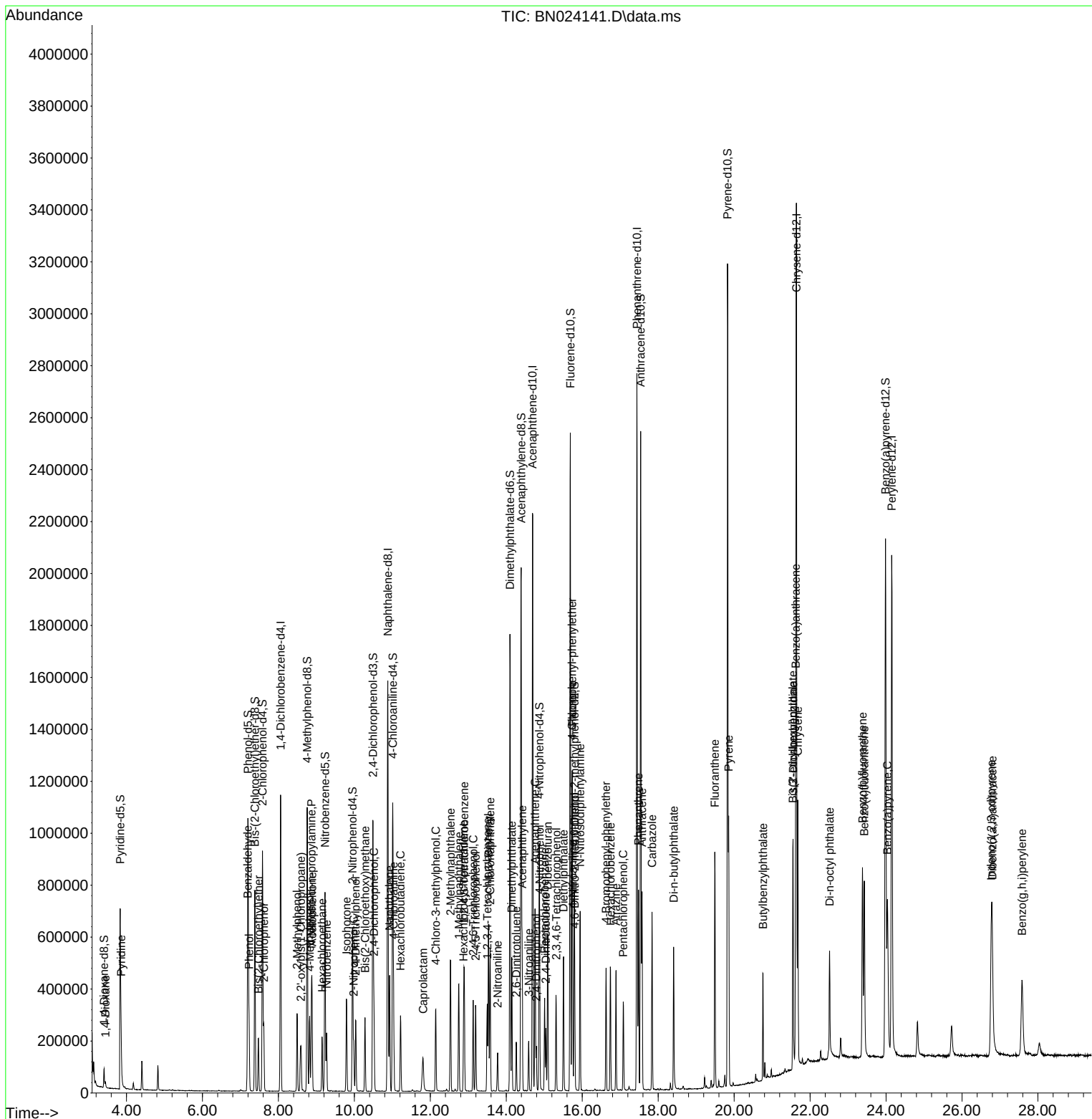
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	189847	4.081	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.893	216	119897	5.237	ng/u1	96
40) Hexachlorocyclopentadiene	12.875	237	52506	4.255	ng/u1	97
41) 2,4,6-Trichlorophenol	13.128	196	71022	4.735	ng/u1	92
42) 2,4,5-Trichlorophenol	13.193	196	77277	4.784	ng/u1	95
43) 1,1'-Biphenyl	13.534	154	316564	5.223	ng/u1	97
44) 2-Chloronaphthalene	13.575	162	247127	5.234	ng/u1	100
45) 2-Nitroaniline	13.775	65	37739	3.668	ng/u1	91
47) Dimethylphthalate	14.145	163	301750	5.099	ng/u1	99
48) 2,6-Dinitrotoluene	14.263	165	28946	3.323	ng/u1	98
50) Acenaphthylene	14.416	152	384367	5.219	ng/u1	99
51) 3-Nitroaniline	14.592	138	38301	3.617	ng/u1#	95
52) Acenaphthene	14.757	153	260799	5.191	ng/u1	99
53) 2,4-Dinitrophenol	14.792	184	28555	4.735	ng/u1	94
55) 4-Nitrophenol	14.881	109	39077	4.572	ng/u1	97
56) Dibenzofuran	15.092	168	367865	5.212	ng/u1	96
57) 2,4-Dinitrotoluene	15.045	165	53961	3.930	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.316	232	62871	4.528	ng/u1#	98
59) Diethylphthalate	15.510	149	287274	4.870	ng/u1	97
61) Fluorene	15.739	166	302965	5.479	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.734	204	141133	5.338	ng/u1	98
63) 4-Nitroaniline	15.751	138	40784m	3.983	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.804	198	38947	4.544	ng/u1#	86
67) N-Nitrosodiphenylamine	15.945	169	239663	5.146	ng/u1	96
68) 4-Bromophenyl-phenylether	16.628	248	78336	5.010	ng/u1	96
69) Hexachlorobenzene	16.745	284	96872	5.093	ng/u1	96
70) Atrazine	16.892	200	70577	4.477	ng/u1	99
71) Pentachlorophenol	17.081	266	51618	4.386	ng/u1	99
72) Phenanthrene	17.481	178	463110	5.315	ng/u1	98
74) Anthracene	17.575	178	439331	5.001	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	94074	4.104	ng/uL	99
76) Pentachlorobenzene	15.010	250	85716	3.838	ng/uL	92
77) Carbazole	17.839	167	401516	5.104	ng/u1	99
78) Di-n-butylphthalate	18.410	149	443764	4.739	ng/u1	99
80) Fluoranthene	19.492	202	509193	5.148	ng/u1	97
82) Pyrene	19.857	202	558970	5.357	ng/u1	100
83) Butylbenzylphthalate	20.763	149	113622	4.276	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.551	252	99587	3.549	ng/u1	91
85) Benzo(a)anthracene	21.621	228	498364	4.911	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	190330	4.316	ng/u1#	98
87) Chrysene	21.674	228	487765	5.022	ng/u1	94
89) Di-n-octyl phthalate	22.516	149	296444	3.836	ng/u1	100
90) Benzo(b)fluoranthene	23.380	252	470710	5.175	ng/u1	99
91) Benzo(k)fluoranthene	23.427	252	477617	5.309	ng/u1	97
93) Benzo(a)pyrene	24.039	252	430382	5.343	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.768	276	484355m	4.774	ng/u1	
95) Dibenzo(a,h)anthracene	26.798	278	386021m	4.673	ng/u1	
96) Benzo(g,h,i)perylene	27.580	276	385686m	4.608	ng/u1	

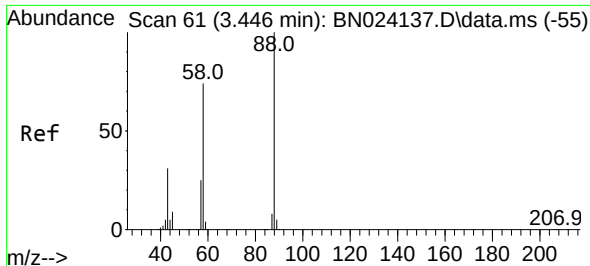
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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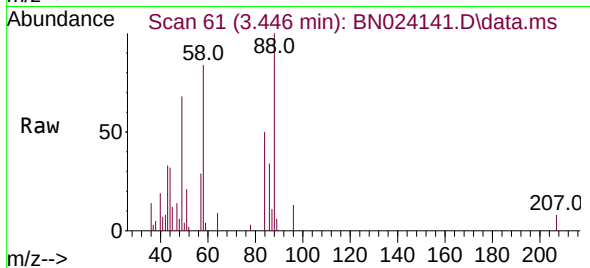
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#2
1,4-Dioxane
Concen: 1.353 ng/uL
RT: 3.446 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

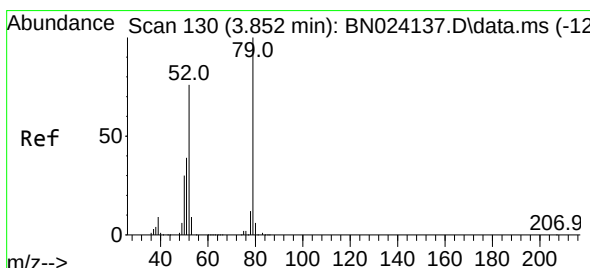
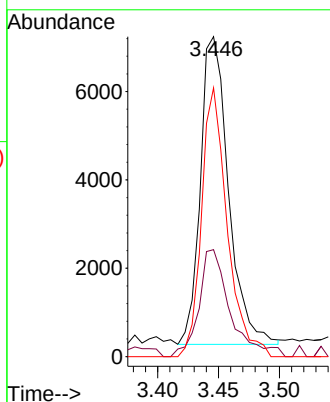
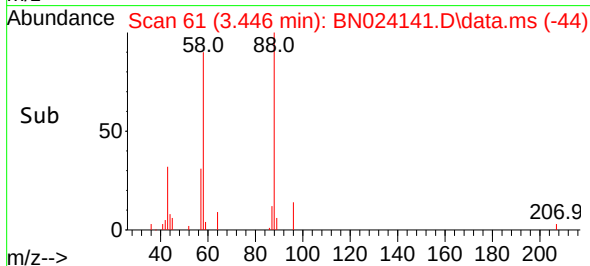
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion: 88 Resp: 11197
Ion Ratio Lower Upper
88 100
43 33.4 26.2 39.4
58 84.0 64.9 97.3

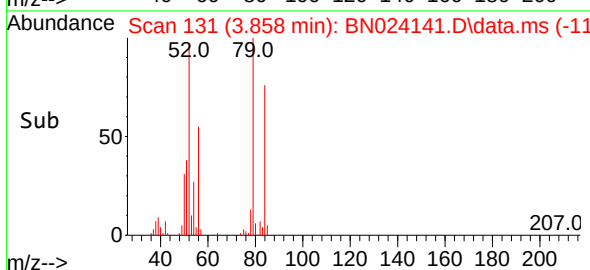
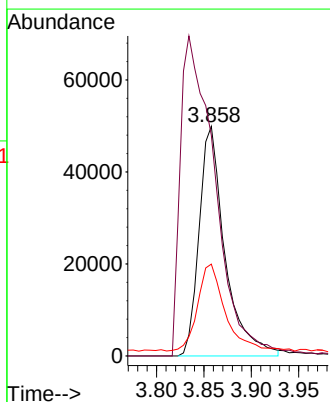
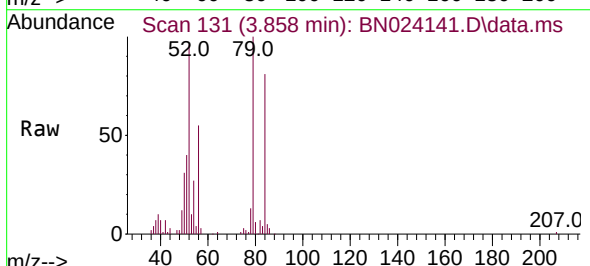
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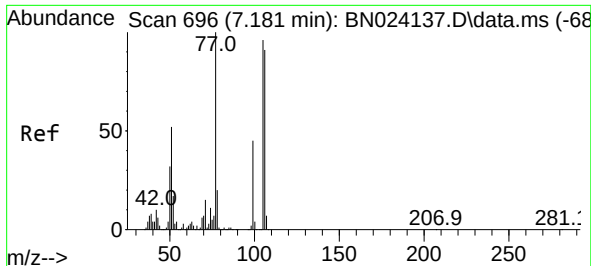
Reviewed By :Christian Giraldo 03/08/2023
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#5
Pyridine
Concen: 4.330 ng/uL
RT: 3.858 min Scan# 131
Delta R.T. 0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

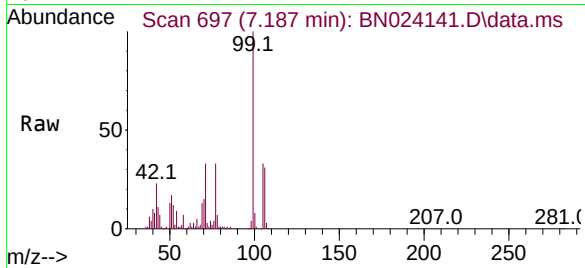
Tgt Ion: 79 Resp: 94779
Ion Ratio Lower Upper
79 100
52 96.1 65.1 97.7
51 40.0 31.4 47.0





#6
Benzaldehyde
Concen: 5.216 ng/ul m
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

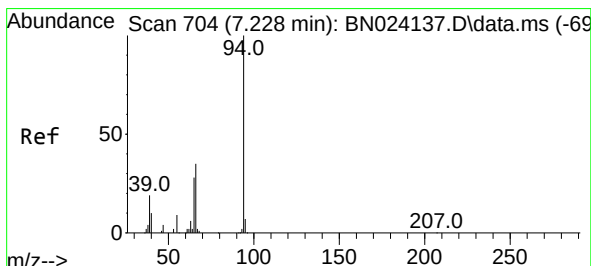
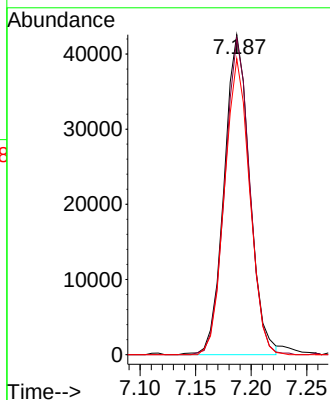
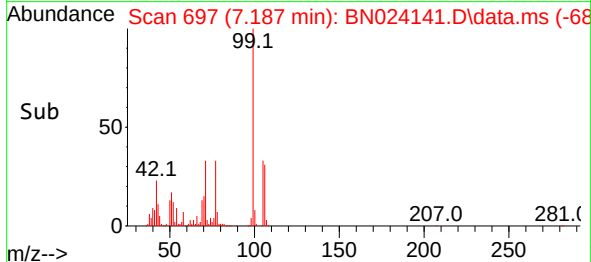
Instrument :
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Tgt Ion: 77 Resp: 6775
Ion Ratio Lower Upper
77 100
105 98.9 79.2 118.8
106 92.5 75.9 113.9

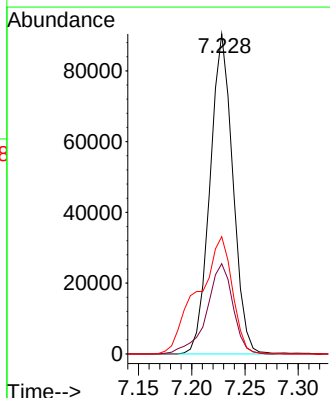
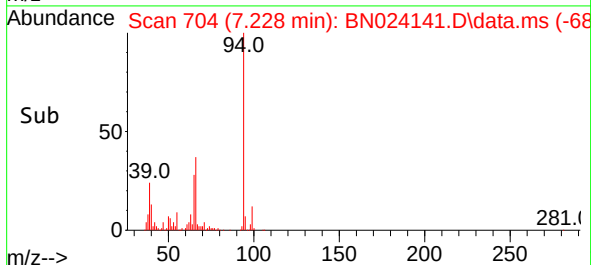
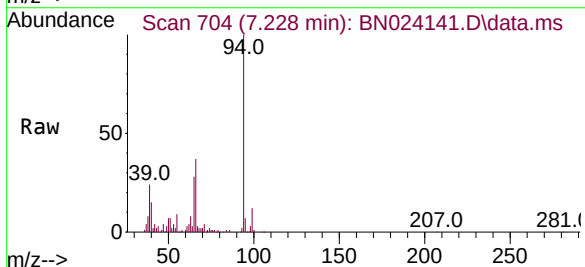
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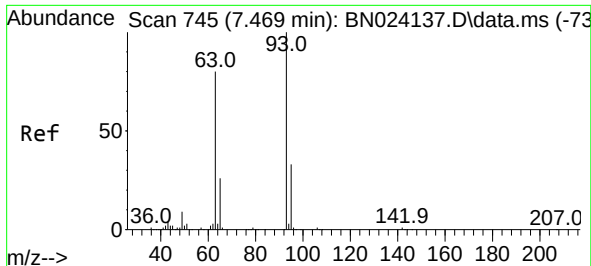
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#8
Phenol
Concen: 4.869 ng/ul
RT: 7.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

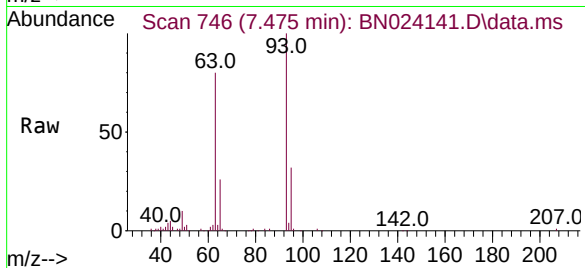
Tgt Ion: 94 Resp: 134968
Ion Ratio Lower Upper
94 100
65 28.2 22.9 34.3
66 36.6 29.0 43.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.856 ng/ul
RT: 7.475 min Scan# 74
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

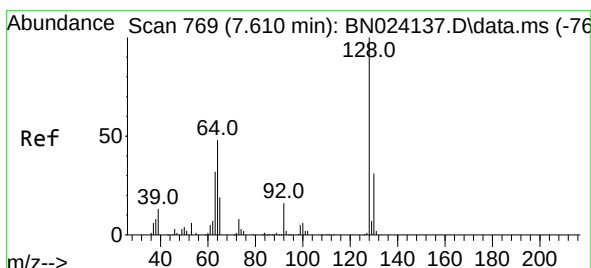
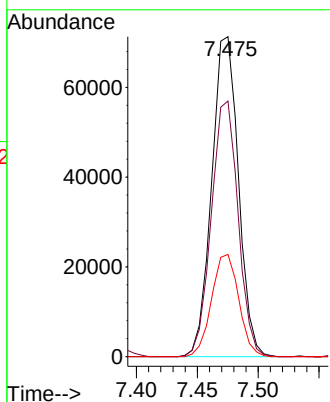
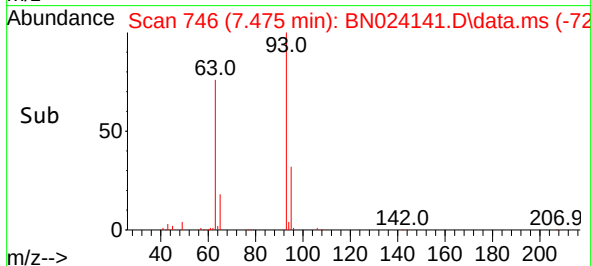
Instrument :
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Tgt Ion: 93 Resp: 109075
Ion Ratio Lower Upper
93 100
63 79.9 62.6 93.8
95 31.9 25.8 38.6

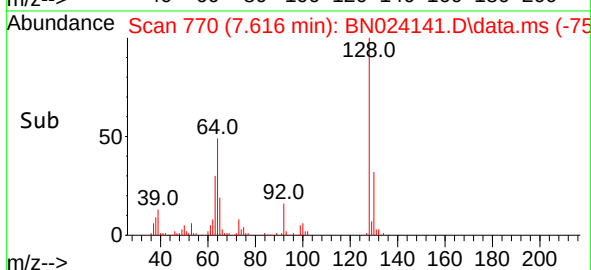
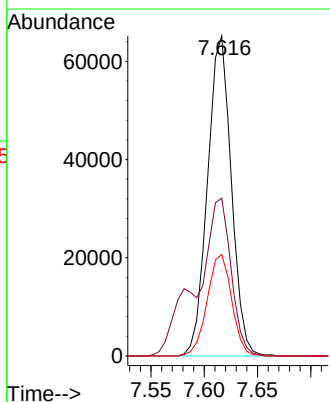
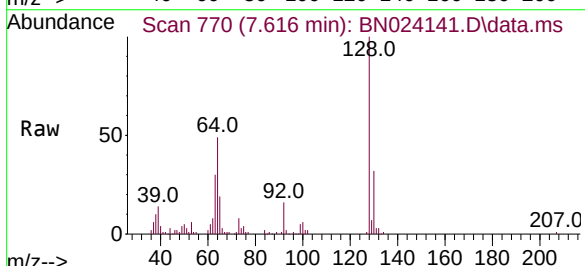
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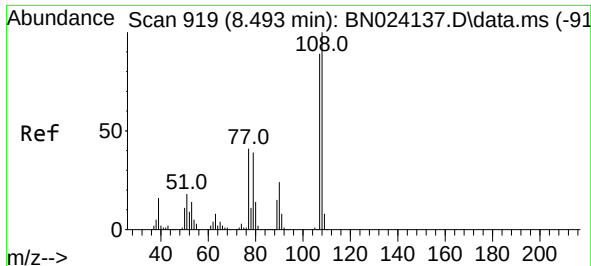
Reviewed By :Christian Giraldo 03/08/2023
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#12
2-Chlorophenol
Concen: 4.753 ng/ul
RT: 7.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

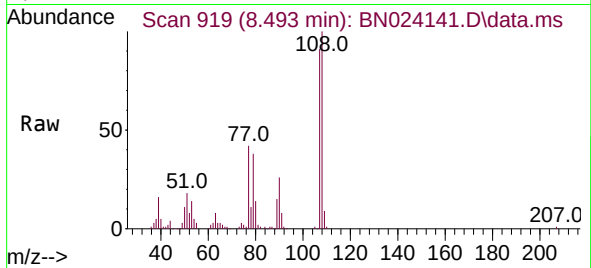
Tgt Ion:128 Resp: 101332
Ion Ratio Lower Upper
128 100
64 49.3 39.3 58.9
130 31.7 25.1 37.7





#13
2-Methylphenol
Concen: 4.582 ng/ul
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN024141.D
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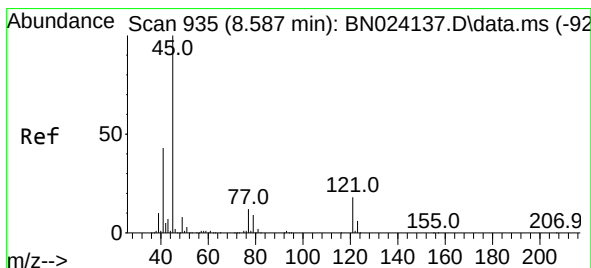
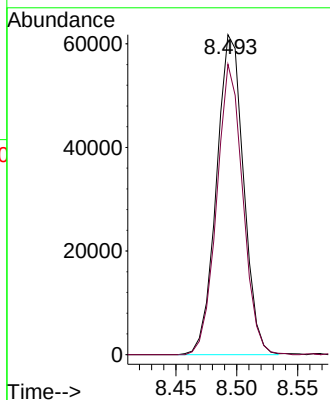
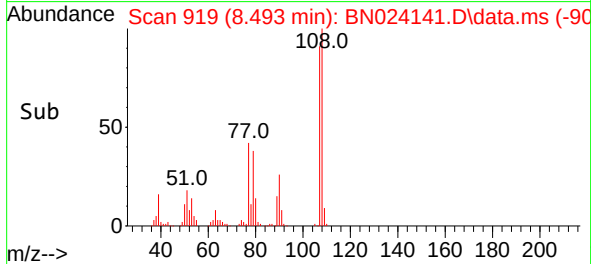
Instrument :
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Tgt Ion:108 Resp: 95518
Ion Ratio Lower Upper
108 100
107 90.7 72.3 108.5

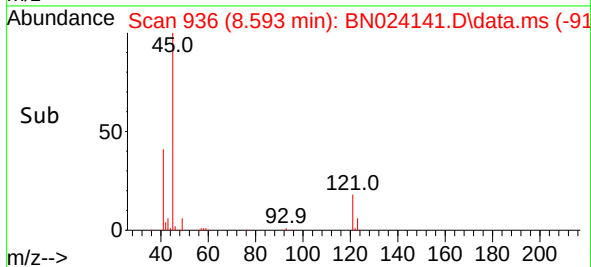
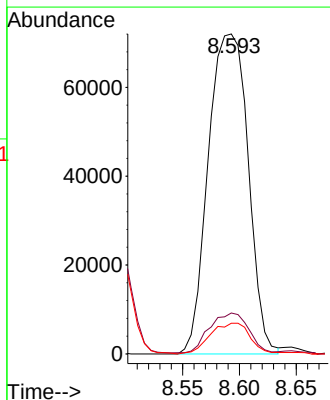
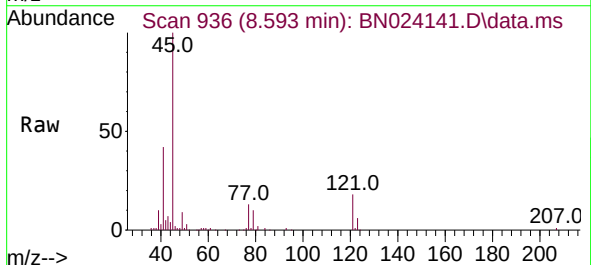
Manual Integrations
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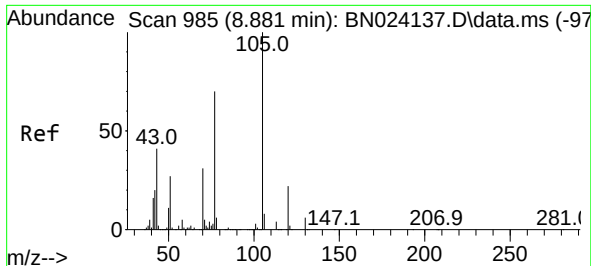
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.944 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. -0.000 min
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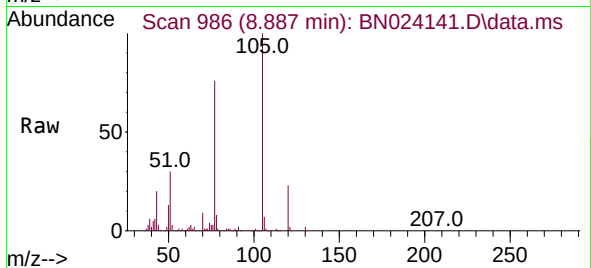
Tgt Ion: 45 Resp: 176172
Ion Ratio Lower Upper
45 100
77 12.8 9.8 14.6
79 9.6 7.4 11.0





#16
Acetophenone
Concen: 5.321 ng/ul
RT: 8.887 min Scan# 986
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

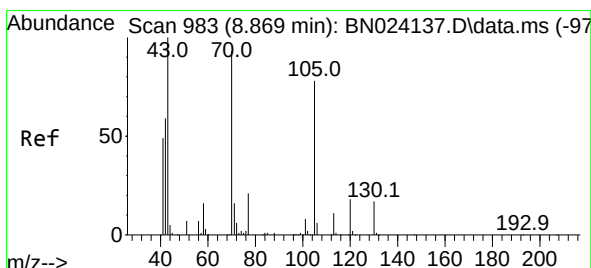
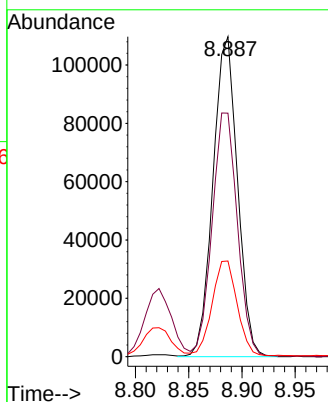
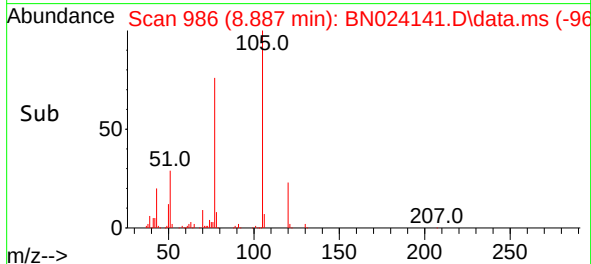
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion: 105 Resp: 175599
Ion Ratio Lower Upper
105 100
77 76.1 61.4 92.0
51 29.9 23.8 35.8

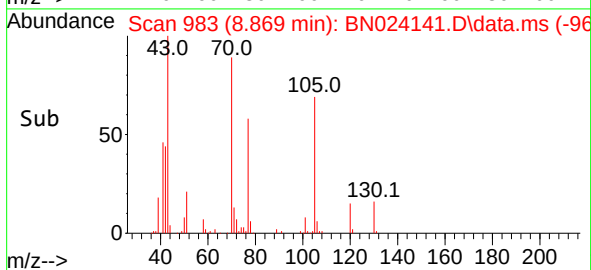
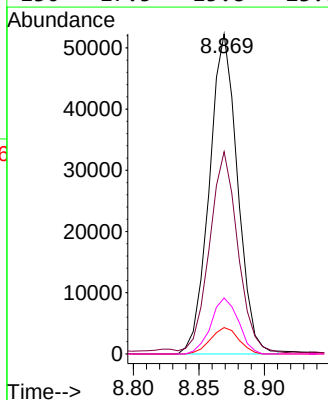
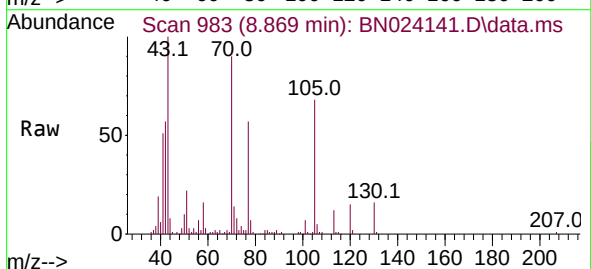
Manual Integrations
APPROVED

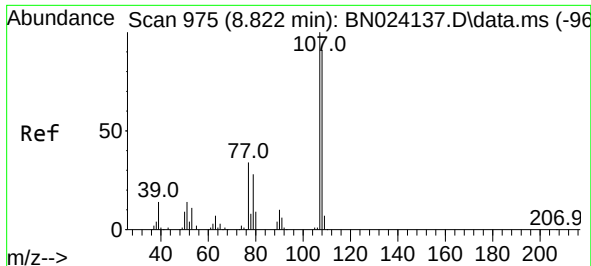
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.837 ng/ul
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion: 70 Resp: 78367
Ion Ratio Lower Upper
70 100
42 63.2 50.8 76.2
101 8.2 7.2 10.8
130 17.5 15.8 23.8





#18

4-Methylphenol

Concen: 4.835 ng/ul

RT: 8.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-02

Tgt Ion:108 Resp: 110934

Ion Ratio Lower Upper

108 100

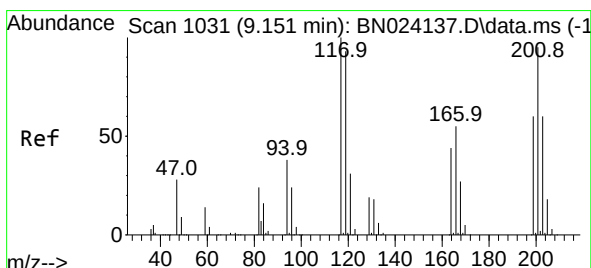
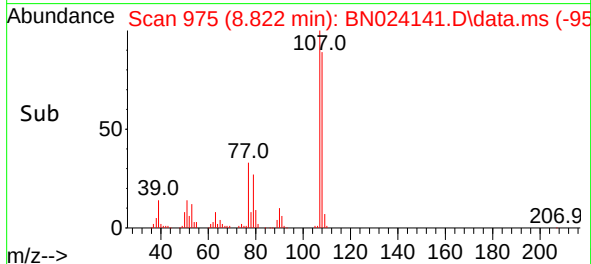
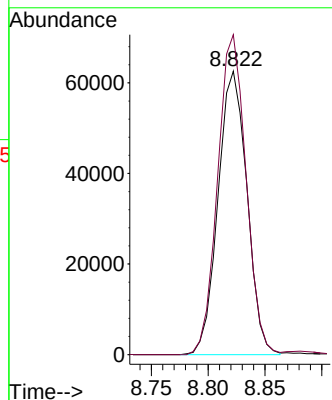
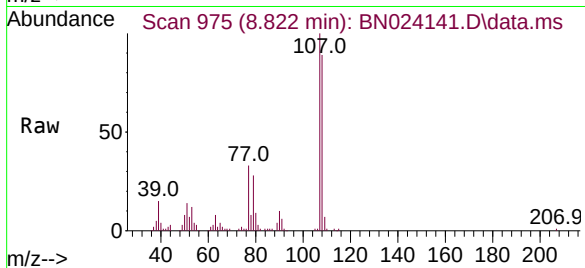
107 112.9 87.8 131.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#19

Hexachloroethane

Concen: 4.612 ng/ul

RT: 9.152 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

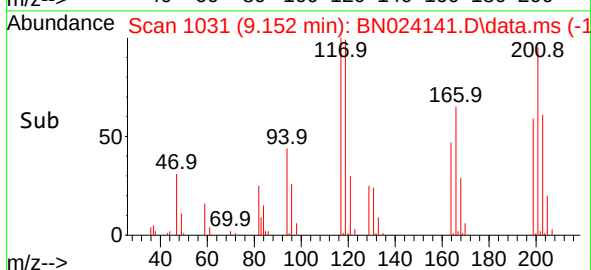
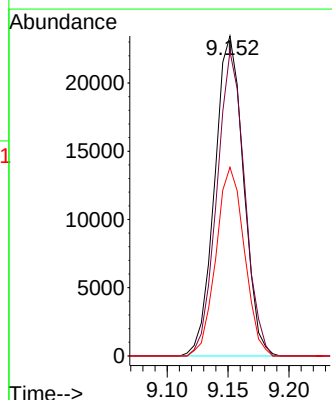
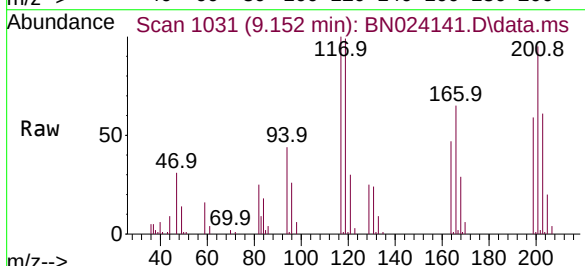
Tgt Ion:117 Resp: 38611

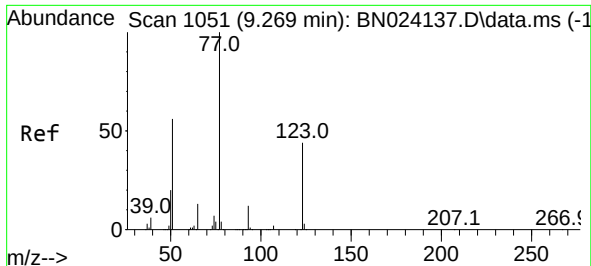
Ion Ratio Lower Upper

117 100

201 95.2 73.8 110.6

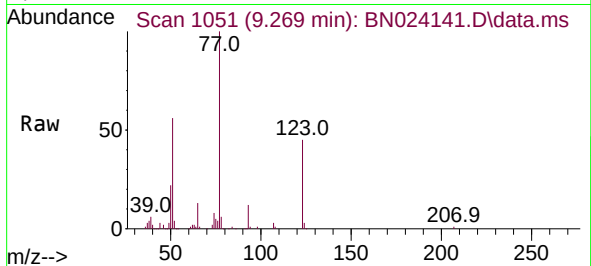
199 58.9 47.2 70.8





#22
Nitrobenzene
Concen: 5.220 ng/ul
RT: 9.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

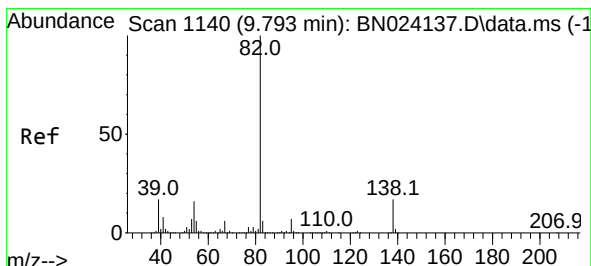
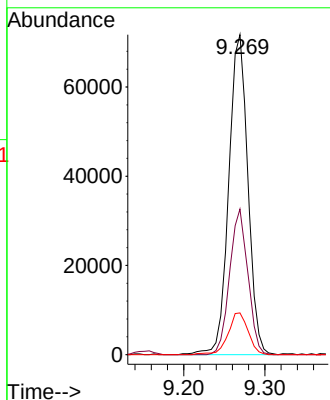
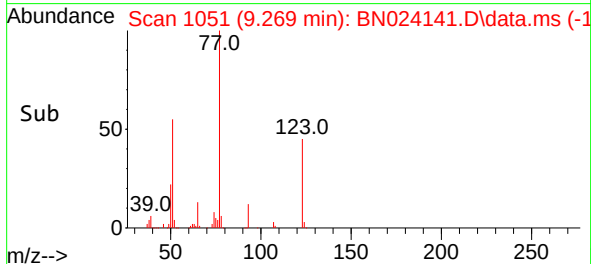
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion: 77 Resp: 117499
Ion Ratio Lower Upper
77 100
123 45.5 34.8 52.2
65 13.0 11.0 16.4

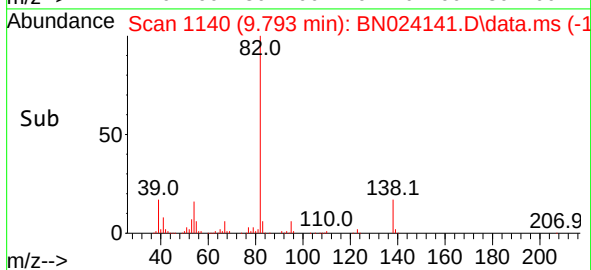
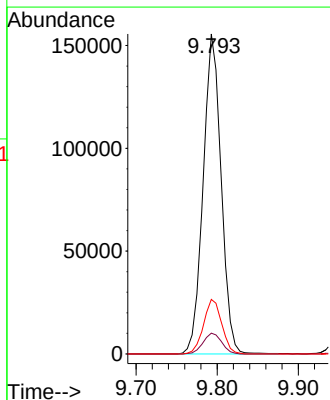
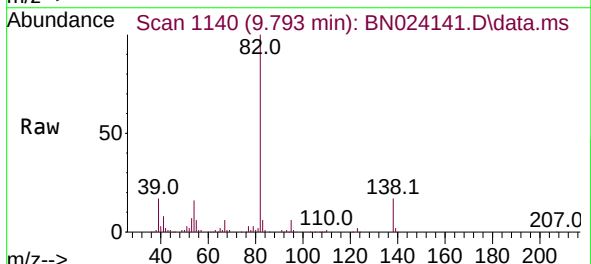
Manual Integrations
APPROVED

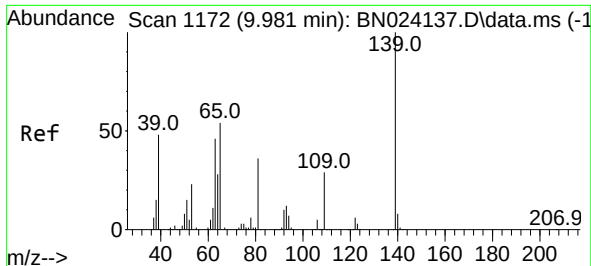
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#23
Isophorone
Concen: 4.882 ng/ul
RT: 9.793 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion: 82 Resp: 240174
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.6
138 17.0 13.8 20.6





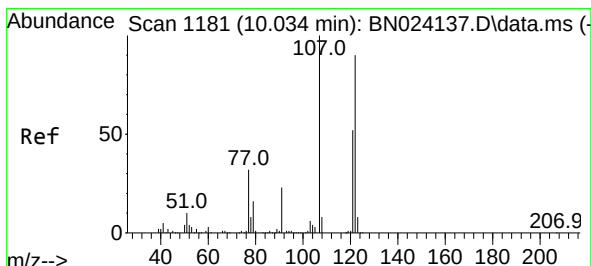
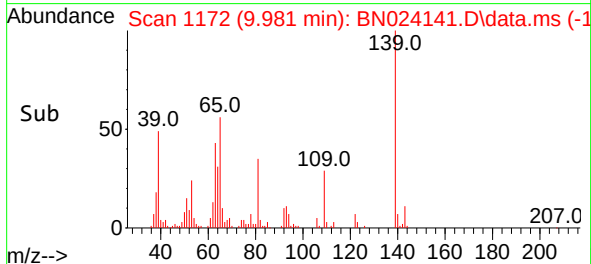
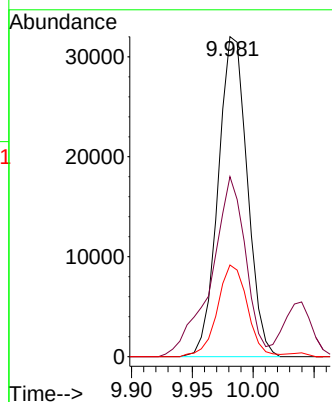
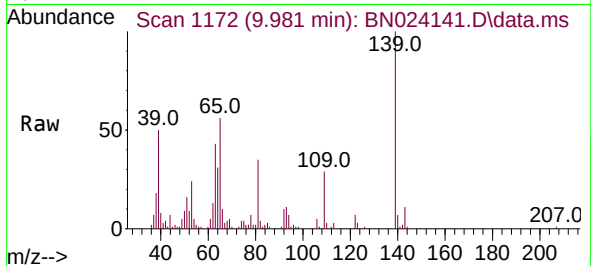
#25
2-Nitrophenol
Concen: 5.129 ng/ul
RT: 9.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

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

Tgt Ion:	139	Resp:	53424
Ion Ratio	Lower	Upper	
139	100		
65	56.2	44.5	66.7
109	28.6	23.4	35.2

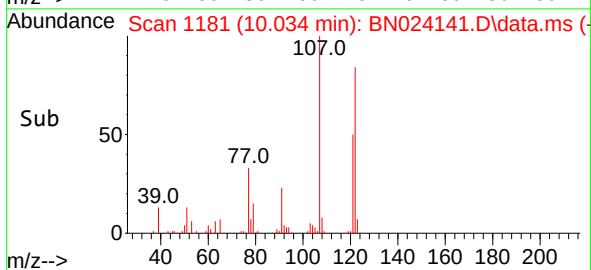
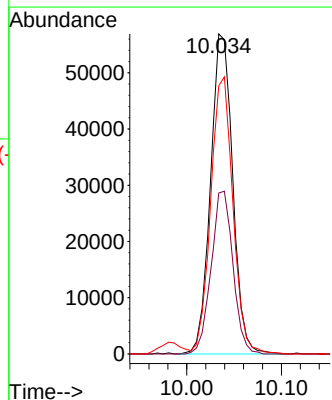
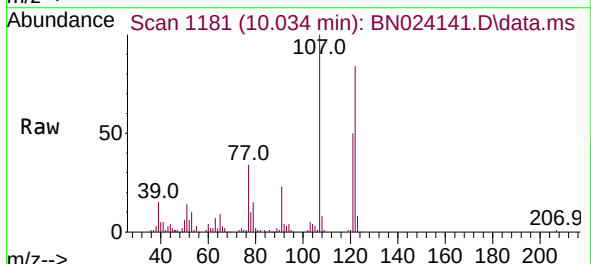
Manual Integrations
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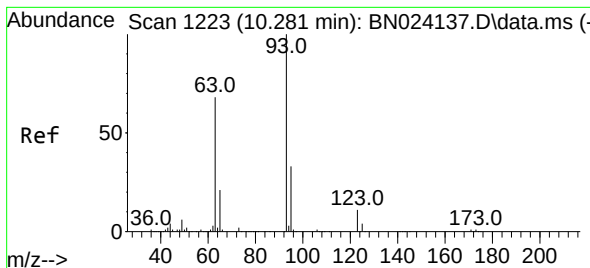
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#26
2,4-Dimethylphenol
Concen: 3.904 ng/ul
RT: 10.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:	107	Resp:	92677
Ion Ratio	Lower	Upper	
107	100		
121	50.3	40.2	60.2
122	83.8	71.8	107.8





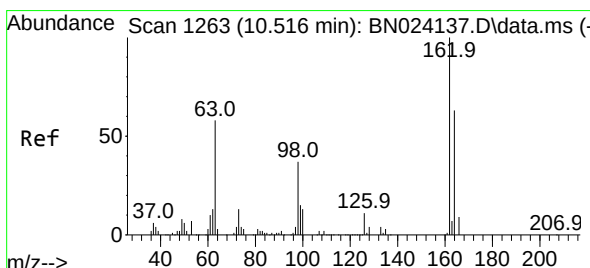
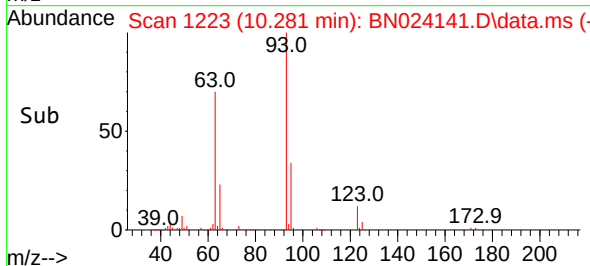
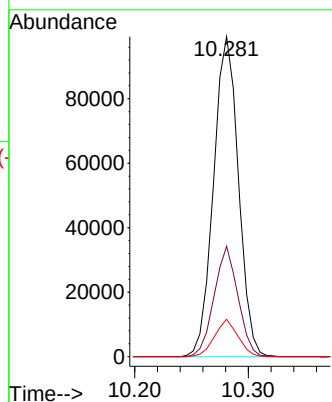
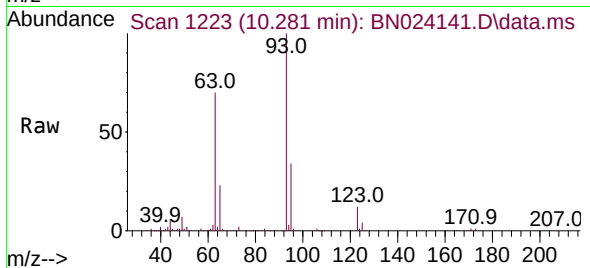
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.951 ng/ul
 RT: 10.281 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: BN024141.D
 Acq: 07 Mar 2023 12:37

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

Tgt Ion: 93 Resp: 15122
 Ion Ratio Lower Upper
 93 100
 95 34.5 25.4 38.2
 123 11.7 8.6 12.8

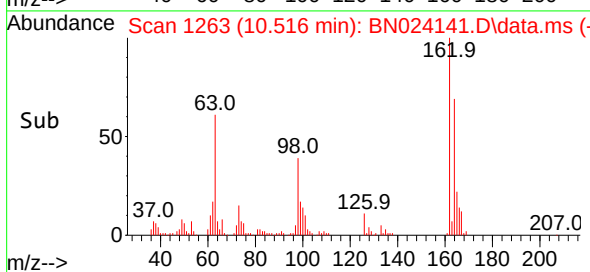
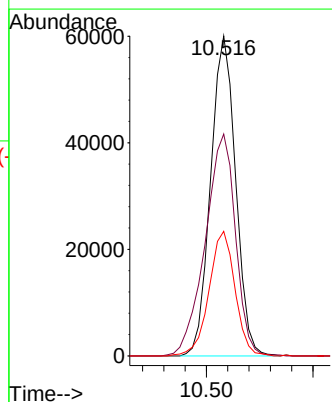
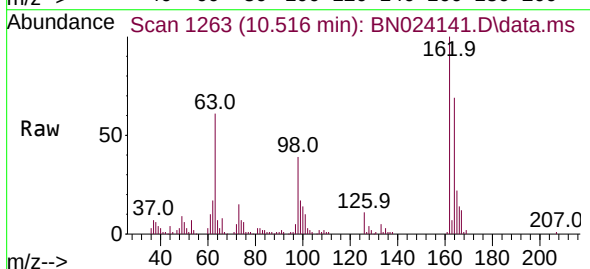
Manual Integrations
 APPROVED

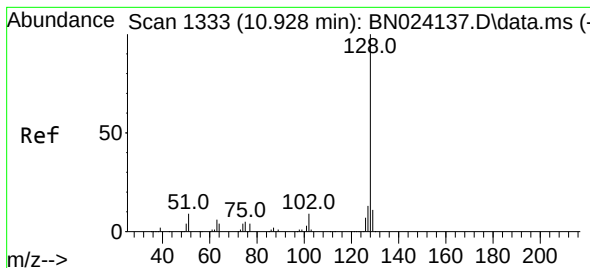
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023



#29
 2,4-Dichlorophenol
 Concen: 4.954 ng/ul
 RT: 10.516 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BN024141.D
 Acq: 07 Mar 2023 12:37

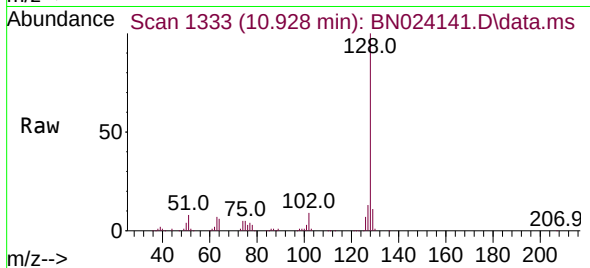
Tgt Ion:162 Resp: 97835
 Ion Ratio Lower Upper
 162 100
 164 69.3 52.6 78.8
 98 38.9 29.8 44.8





#30
Naphthalene
Concen: 5.088 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

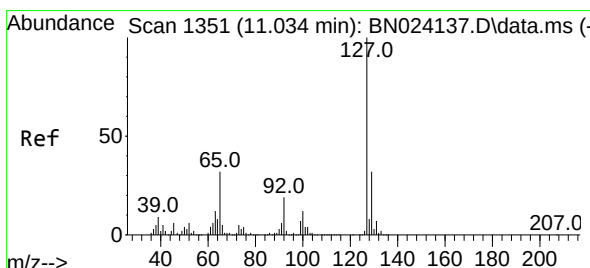
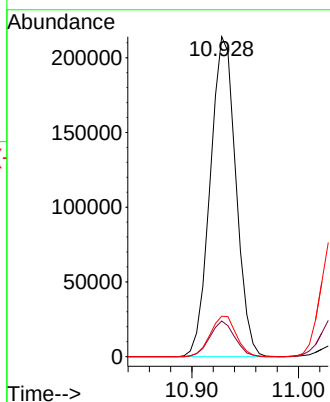
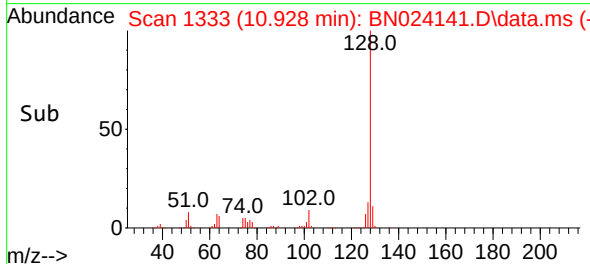
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion:128 Resp: 358669
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.6 10.1 15.1

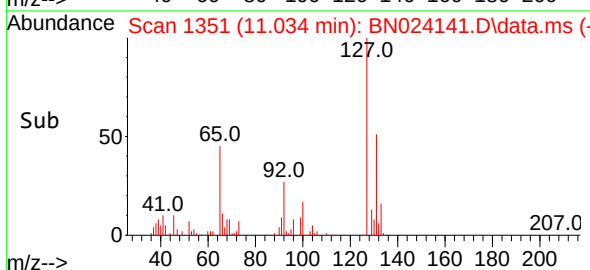
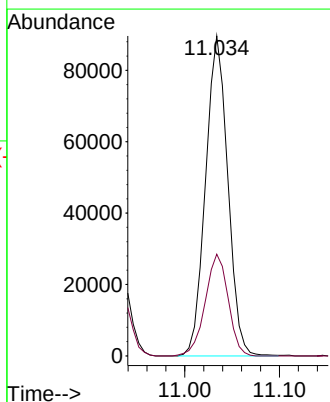
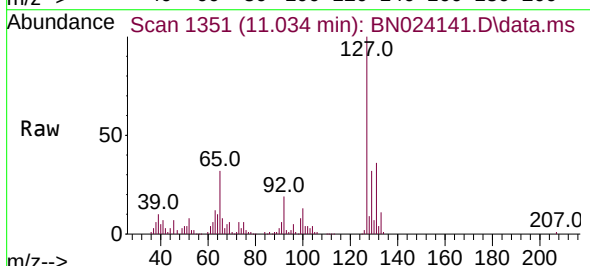
Manual Integrations
APPROVED

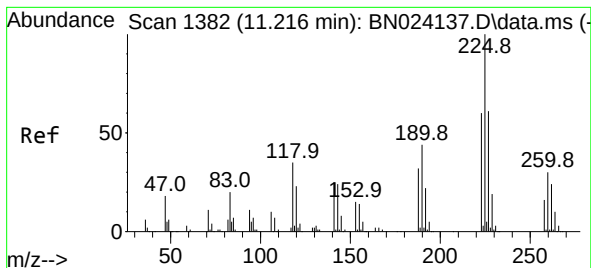
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#32
4-Chloroaniline
Concen: 4.972 ng/ul
RT: 11.034 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:127 Resp: 146360
Ion Ratio Lower Upper
127 100
129 31.8 25.1 37.7





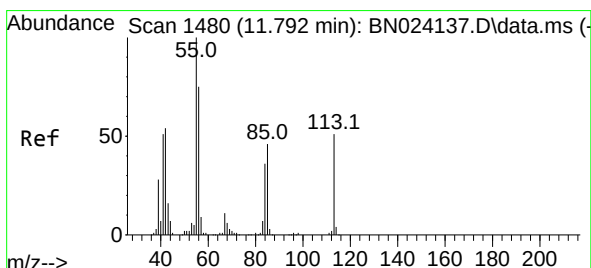
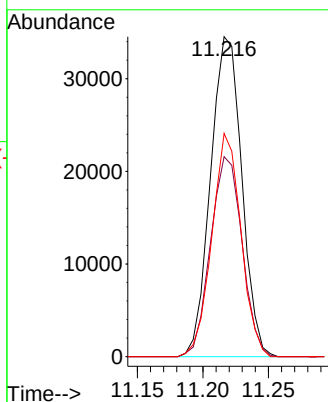
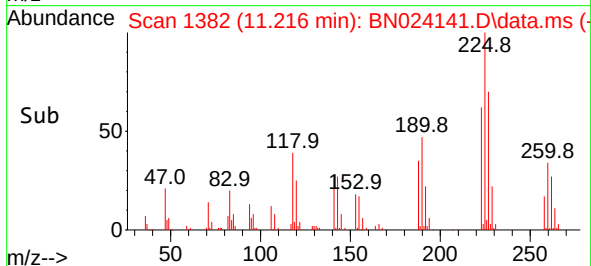
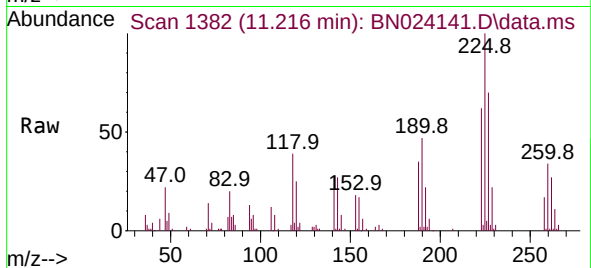
#33
Hexachlorobutadiene
Concen: 4.754 ng/ul
RT: 11.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

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

Tgt Ion:225 Resp: 57213
Ion Ratio Lower Upper
225 100
223 62.5 53.6 80.4
227 69.7 53.0 79.4

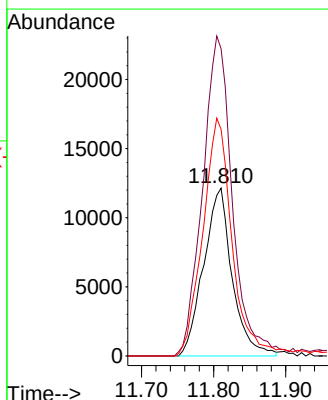
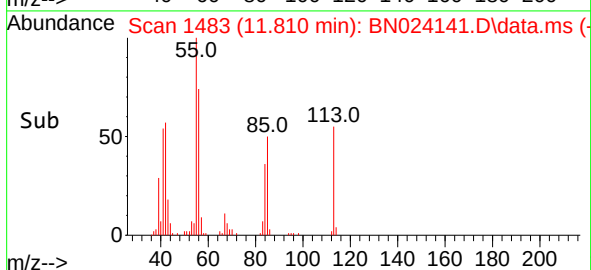
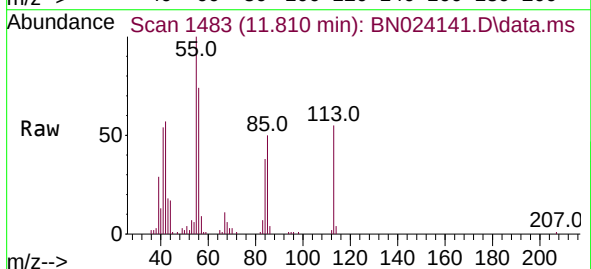
Manual Integrations
APPROVED

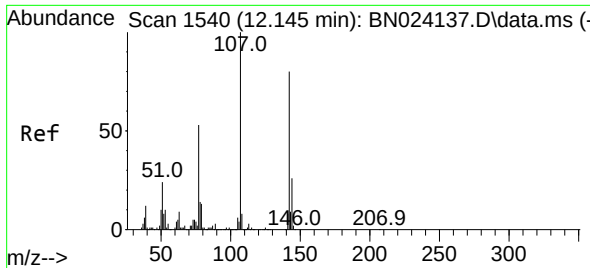
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#34
Caprolactam
Concen: 4.961 ng/ul m
RT: 11.810 min Scan# 1483
Delta R.T. 0.018 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

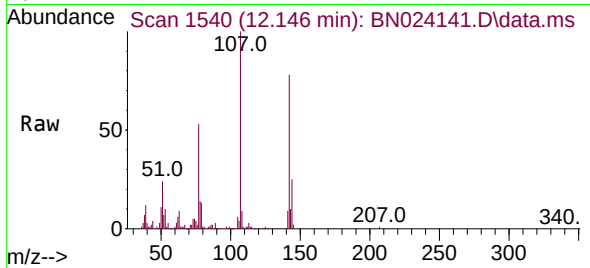
Tgt Ion:113 Resp: 33410
Ion Ratio Lower Upper
113 100
55 183.0 155.4 233.2
56 135.0 111.0 166.6





#35
4-Chloro-3-methylphenol
Concen: 4.745 ng/ul
RT: 12.146 min Scan# 1540
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

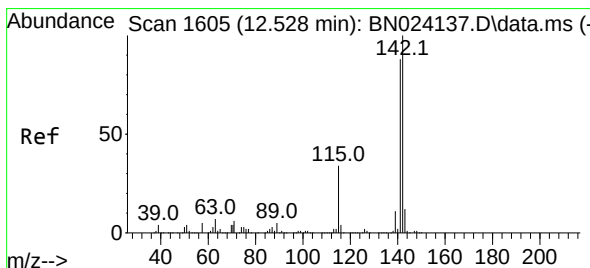
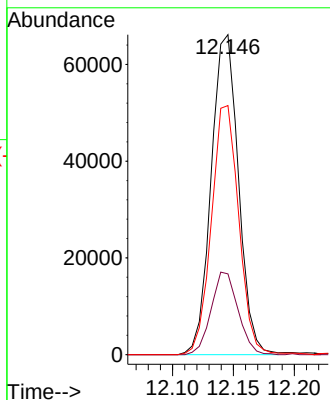
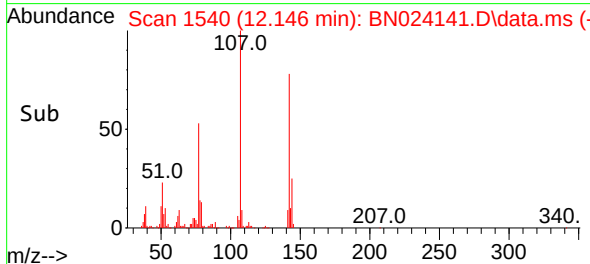
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion:107 Resp: 103217
Ion Ratio Lower Upper
107 100
144 25.2 21.0 31.4
142 77.8 65.7 98.5

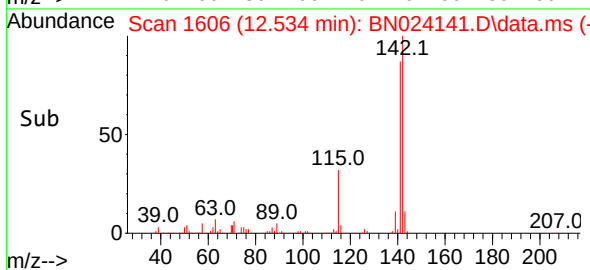
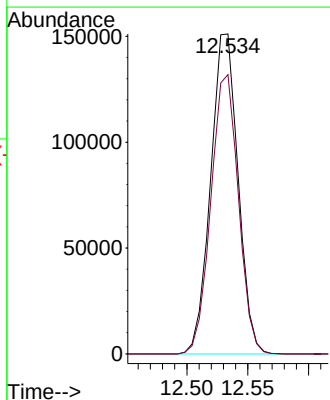
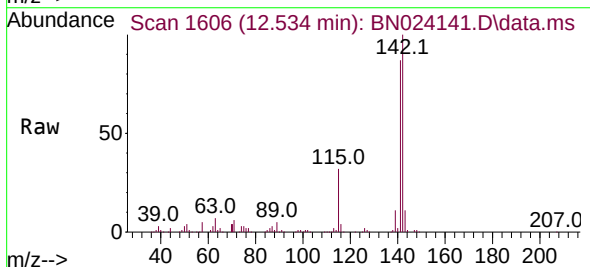
Manual Integrations
APPROVED

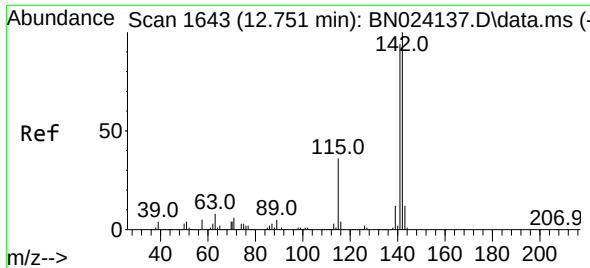
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#36
2-Methylnaphthalene
Concen: 5.111 ng/ul
RT: 12.534 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

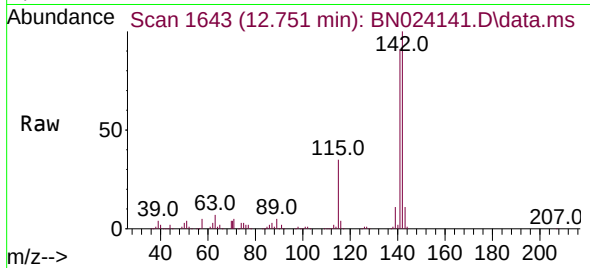
Tgt Ion:142 Resp: 237219
Ion Ratio Lower Upper
142 100
141 87.3 68.2 102.4





#37
1-Methylnaphthalene
Concen: 4.081 ng/ul
RT: 12.751 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

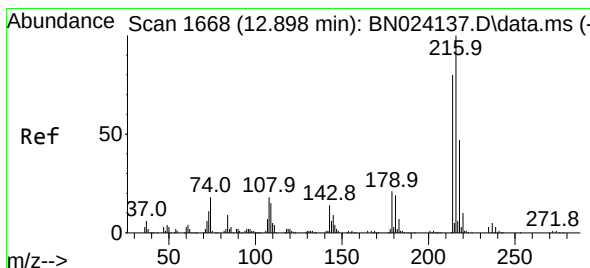
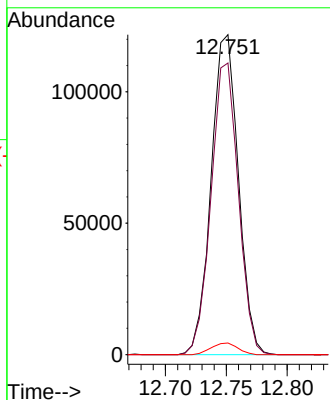
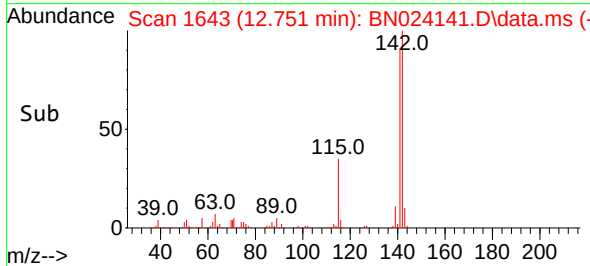
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



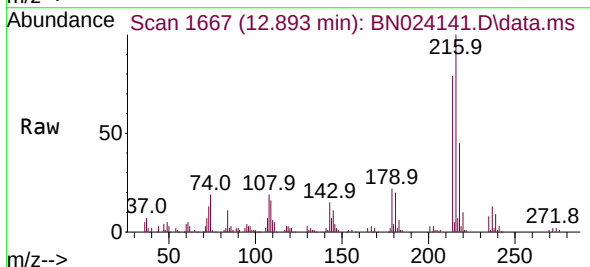
Tgt Ion:142 Resp: 18984
Ion Ratio Lower Upper
142 100
141 91.1 75.5 113.3
116 3.6 3.1 4.7

Manual Integrations
APPROVED

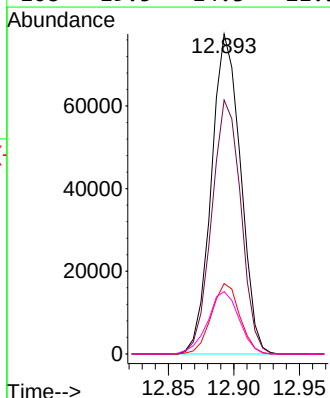
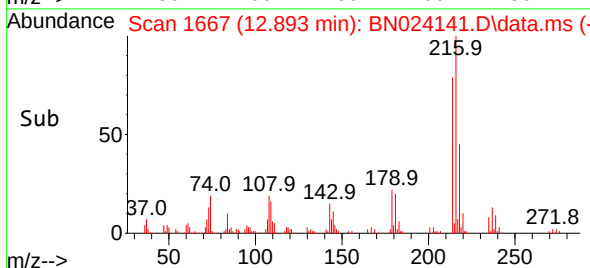
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

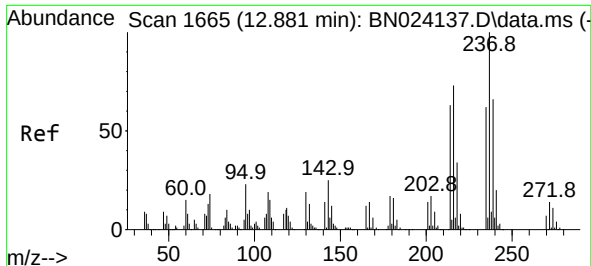


#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.237 ng/ul
RT: 12.893 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37



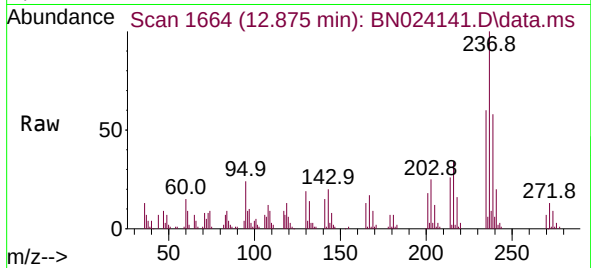
Tgt Ion:216 Resp: 119897
Ion Ratio Lower Upper
216 100
214 79.3 60.0 90.0
179 22.0 17.0 25.6
108 19.5 14.3 21.5





#40
Hexachlorocyclopentadiene
Concen: 4.255 ng/ul
RT: 12.875 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

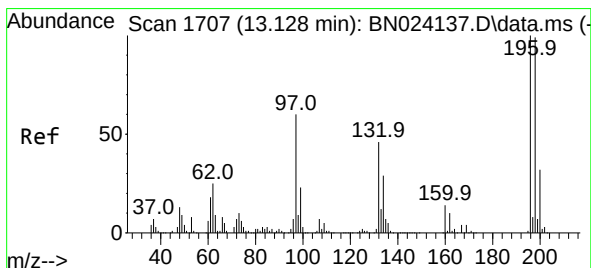
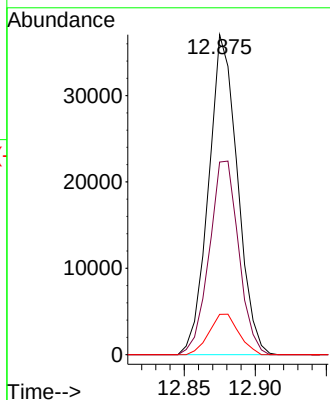
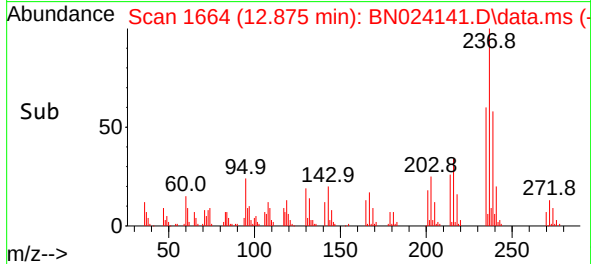
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion:237 Resp: 52500
Ion Ratio Lower Upper
237 100
235 60.2 50.1 75.1
272 12.6 11.1 16.7

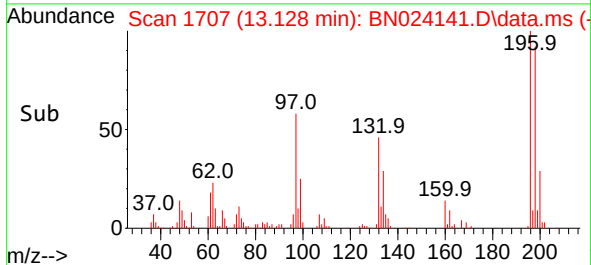
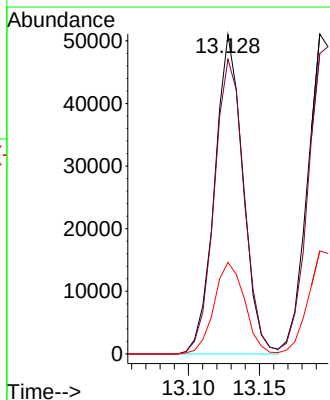
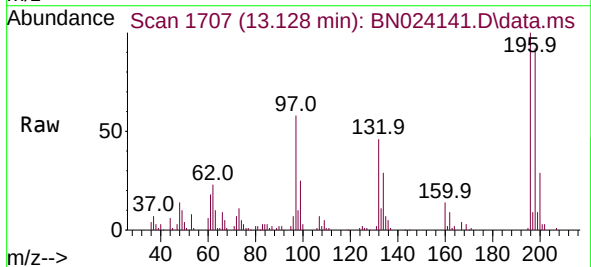
Manual Integrations
APPROVED

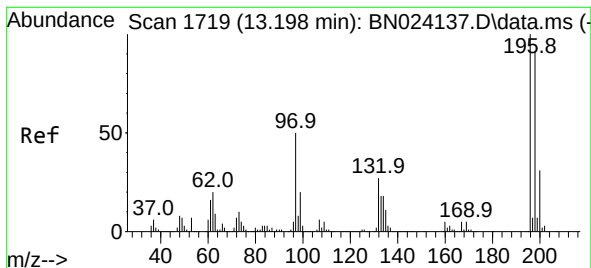
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#41
2,4,6-Trichlorophenol
Concen: 4.735 ng/ul
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

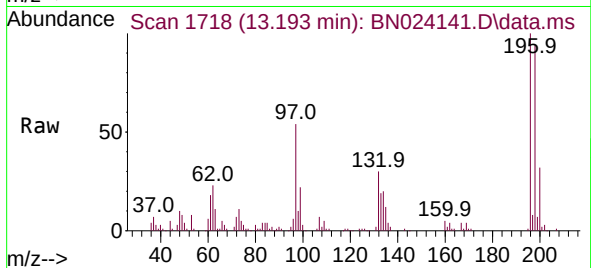
Tgt Ion:196 Resp: 71022
Ion Ratio Lower Upper
196 100
198 92.2 80.6 121.0
200 28.6 26.1 39.1





#42
2,4,5-Trichlorophenol
Concen: 4.784 ng/ul
RT: 13.193 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

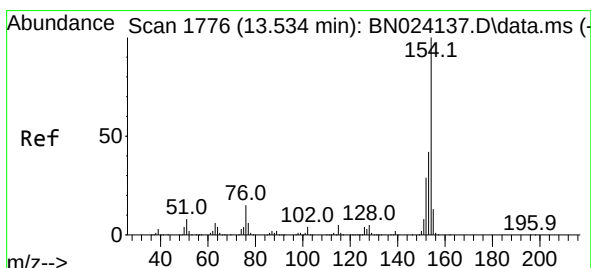
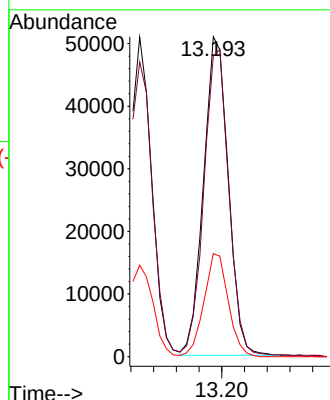
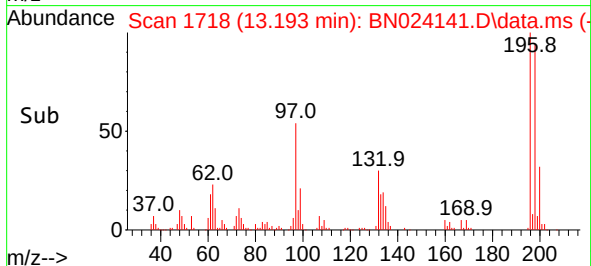
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



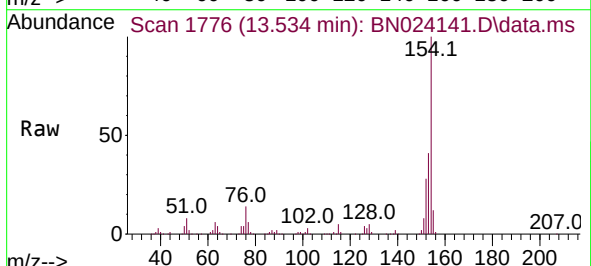
Tgt Ion:196 Resp: 77272
Ion Ratio Lower Upper
196 100
198 93.9 79.7 119.5
200 32.2 26.1 39.1

Manual Integrations
APPROVED

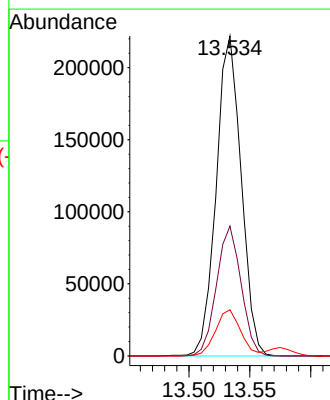
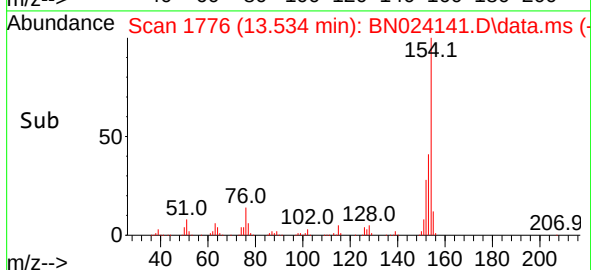
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

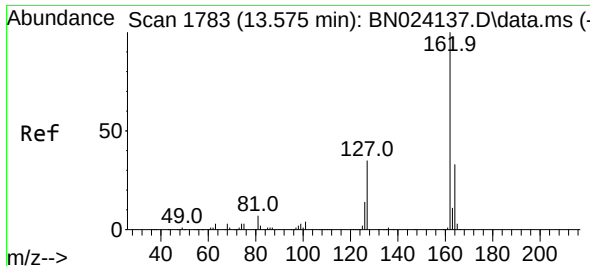


#43
1,1'-Biphenyl
Concen: 5.223 ng/ul
RT: 13.534 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37



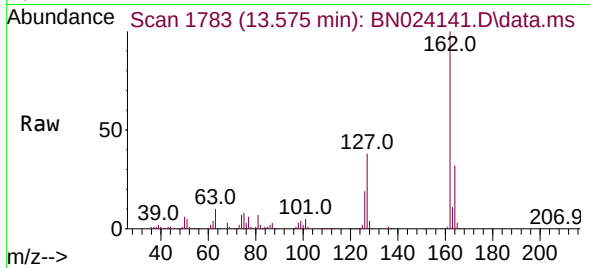
Tgt Ion:154 Resp: 316564
Ion Ratio Lower Upper
154 100
153 40.5 30.8 46.2
76 14.4 11.1 16.7





#44
2-Chloronaphthalene
Concen: 5.234 ng/ul
RT: 13.575 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

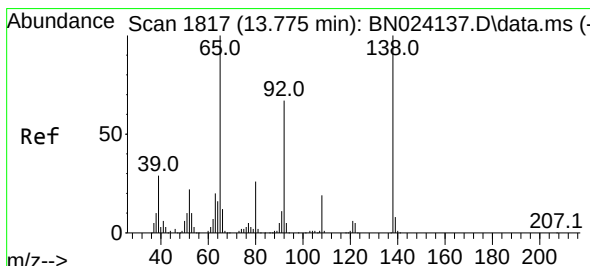
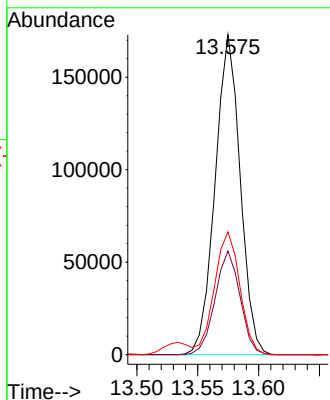
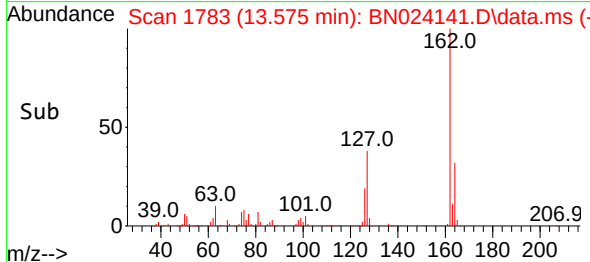
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion:162 Resp: 24712
Ion Ratio Lower Upper
162 100
164 32.4 25.8 38.6
127 38.4 30.8 46.2

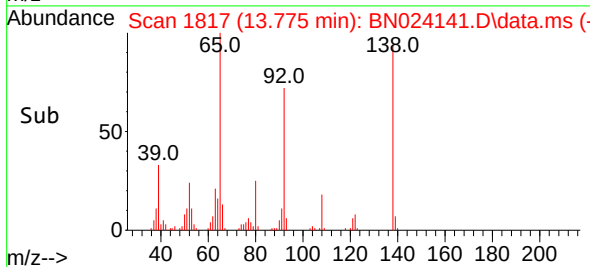
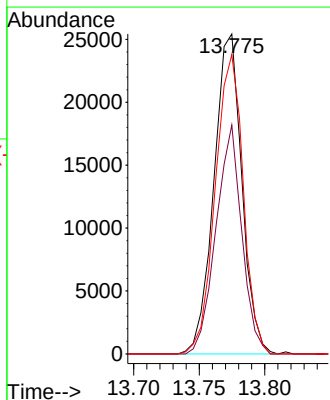
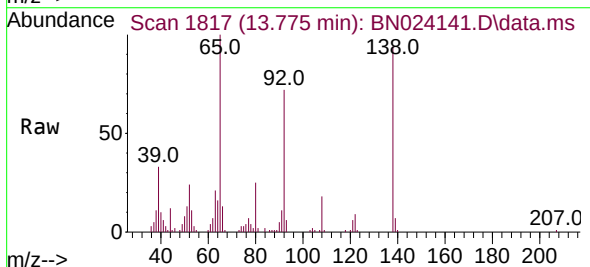
Manual Integrations
APPROVED

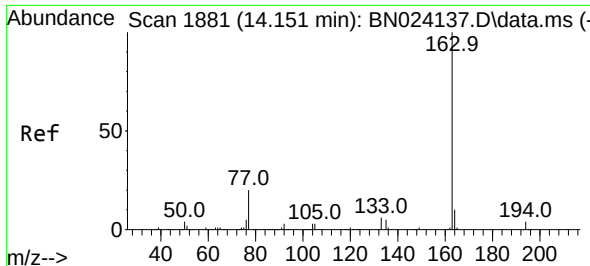
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#45
2-Nitroaniline
Concen: 3.668 ng/ul
RT: 13.775 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

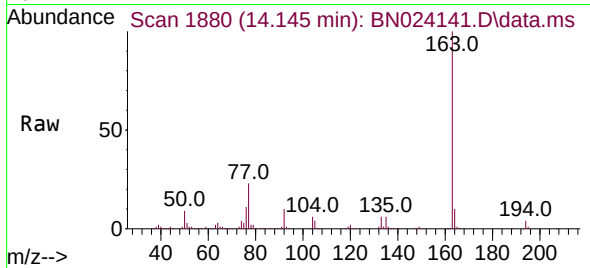
Tgt Ion: 65 Resp: 37739
Ion Ratio Lower Upper
65 100
92 71.5 53.8 80.8
138 93.5 84.1 126.1





#47
Dimethylphthalate
Concen: 5.099 ng/ul
RT: 14.145 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

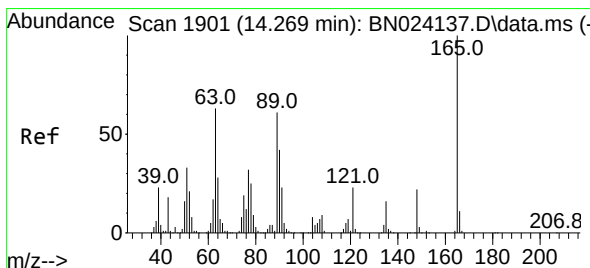
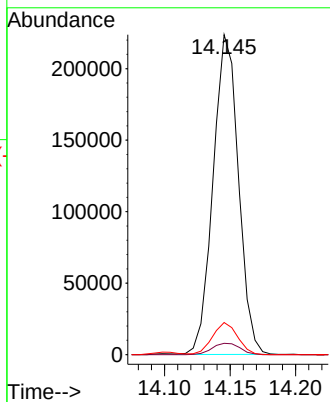
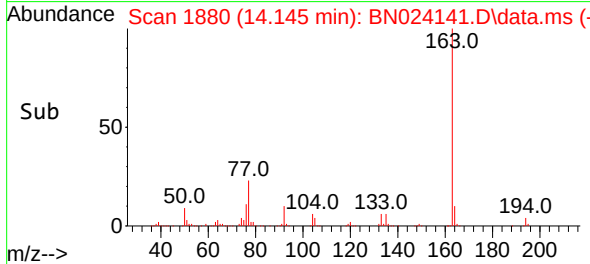
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion:163 Resp: 301750
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.0 8.1 12.1

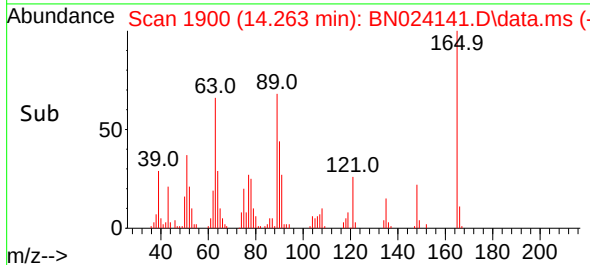
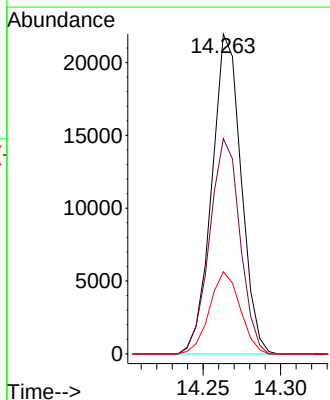
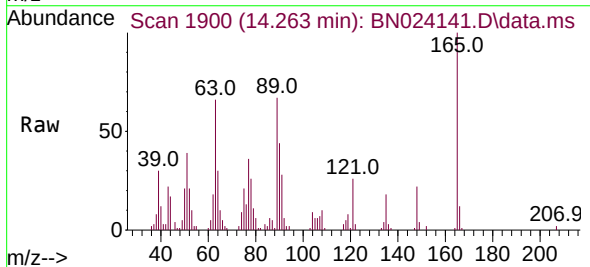
Manual Integrations
APPROVED

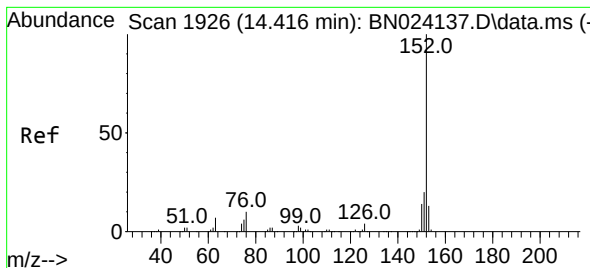
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#48
2,6-Dinitrotoluene
Concen: 3.323 ng/ul
RT: 14.263 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:165 Resp: 28946
Ion Ratio Lower Upper
165 100
89 67.3 52.6 78.8
121 25.7 19.4 29.2





#50

Acenaphthylene

Concen: 5.219 ng/ul

RT: 14.416 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

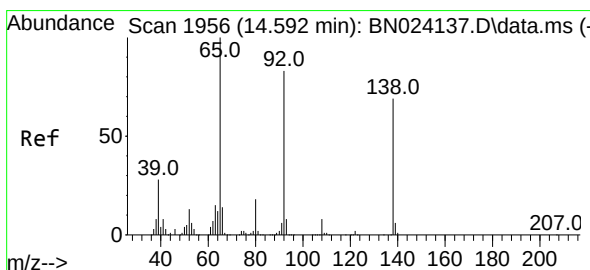
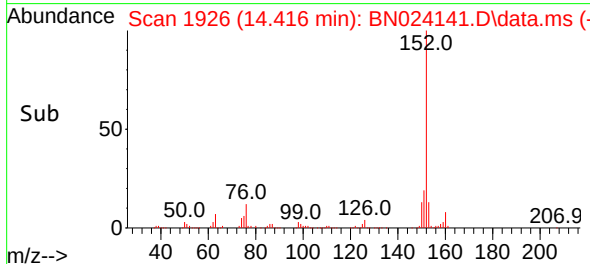
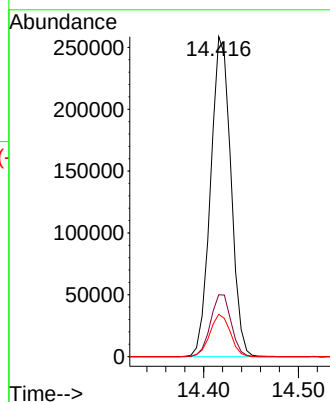
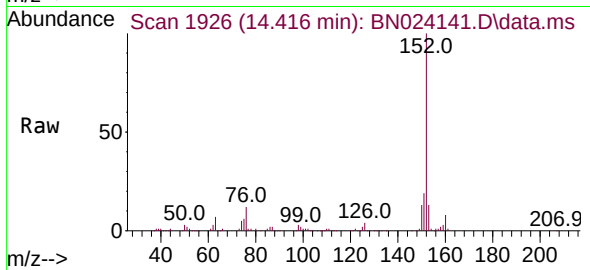
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:	152	Resp:	38436
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.6	23.4
153	13.2	10.1	15.1

Manual Integrations

APPROVED

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



#51

3-Nitroaniline

Concen: 3.617 ng/ul

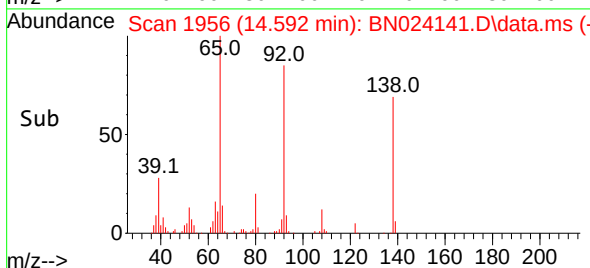
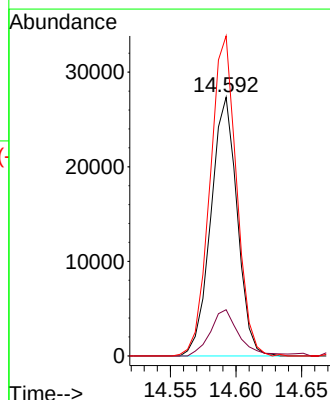
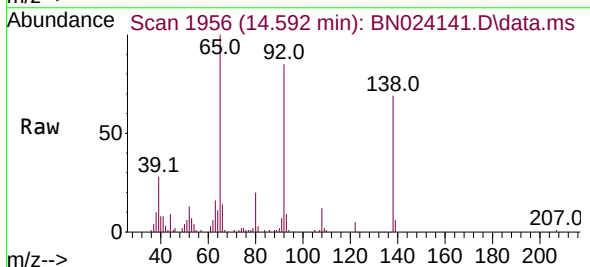
RT: 14.592 min Scan# 1956

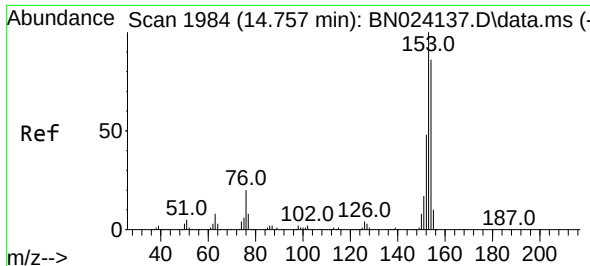
Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

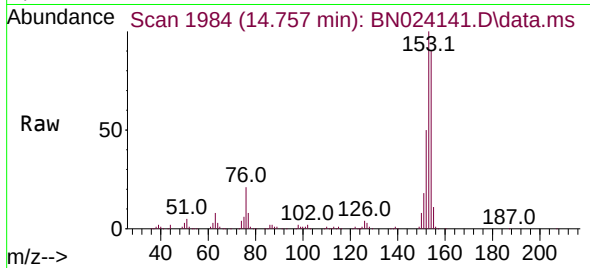
Tgt Ion:	138	Resp:	38301
Ion Ratio	Lower	Upper	
138	100		
108	17.9	9.6	14.4
92	123.8	95.3	142.9





#52
Acenaphthene
Concen: 5.191 ng/ul
RT: 14.757 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

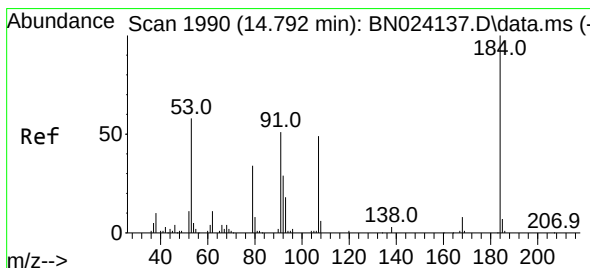
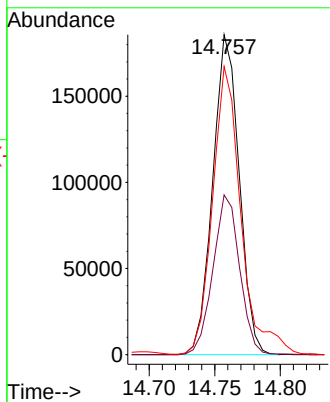
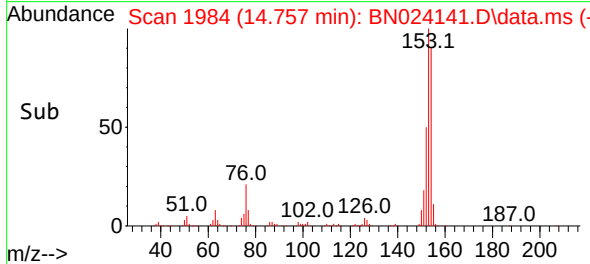
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



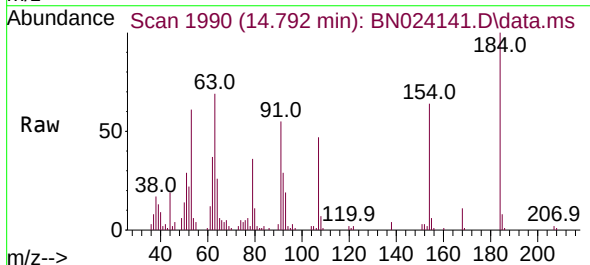
Tgt Ion:153 Resp: 260799
Ion Ratio Lower Upper
153 100
152 49.9 39.7 59.5
154 90.0 70.6 106.0

Manual Integrations
APPROVED

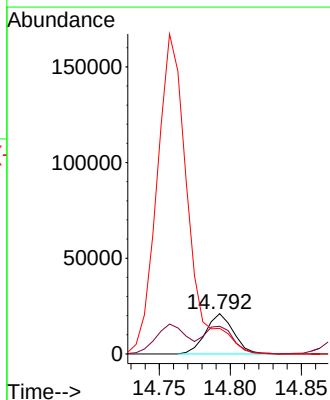
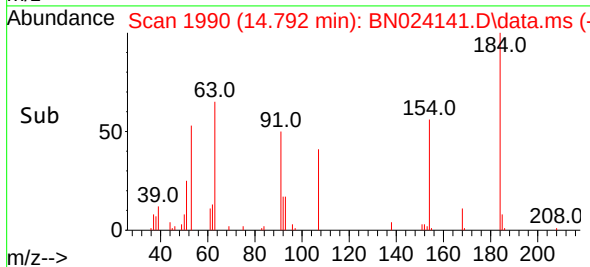
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

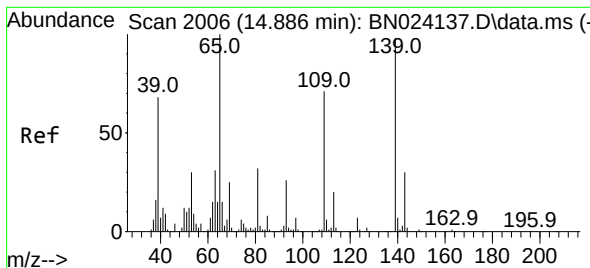


#53
2,4-Dinitrophenol
Concen: 4.735 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37



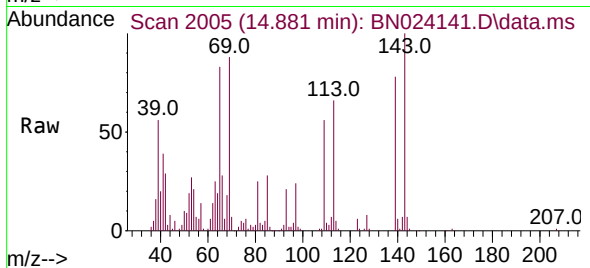
Tgt Ion:184 Resp: 28555
Ion Ratio Lower Upper
184 100
63 68.6 61.6 92.4
154 63.5 50.2 75.4





#55
4-Nitrophenol
Concen: 4.572 ng/ul
RT: 14.881 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

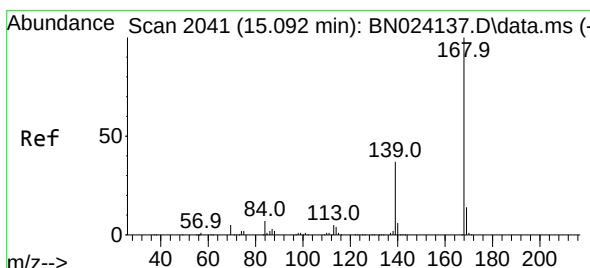
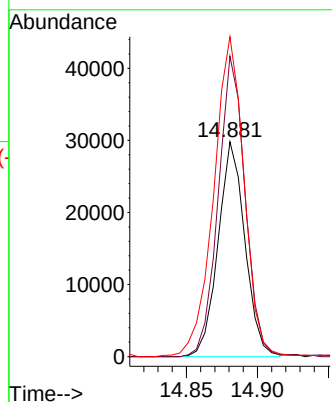
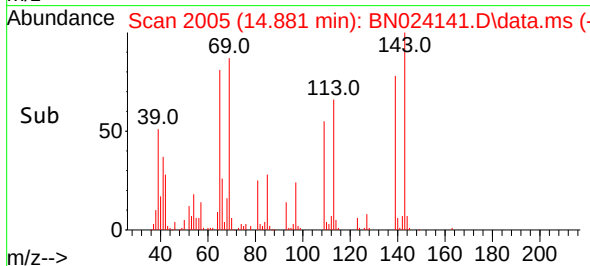
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion:109 Resp: 39072
Ion Ratio Lower Upper
109 100
139 139.8 115.0 172.4
65 149.0 115.7 173.5

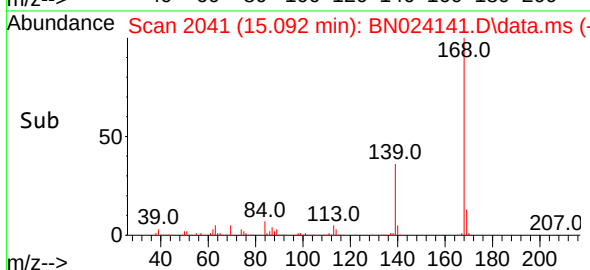
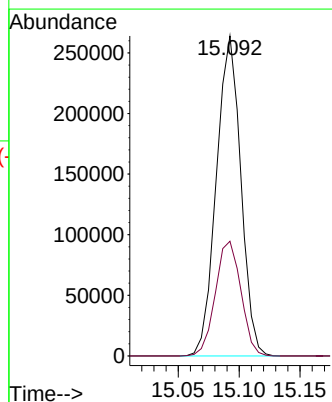
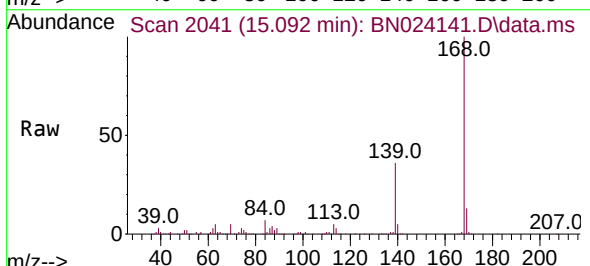
Manual Integrations
APPROVED

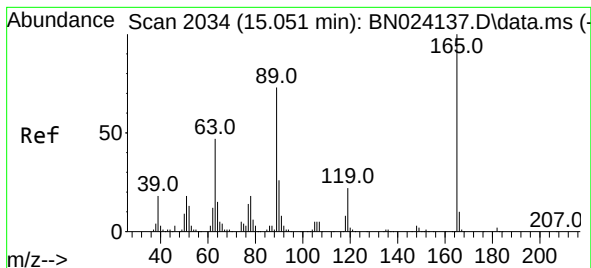
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#56
Dibenzofuran
Concen: 5.212 ng/ul
RT: 15.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:168 Resp: 367865
Ion Ratio Lower Upper
168 100
139 35.8 30.7 46.1





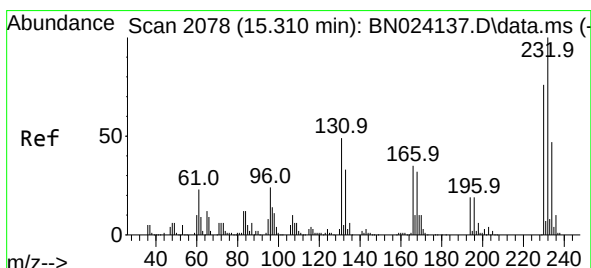
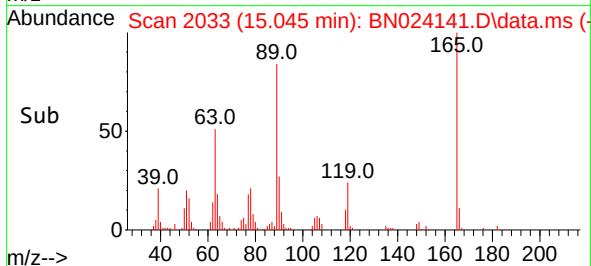
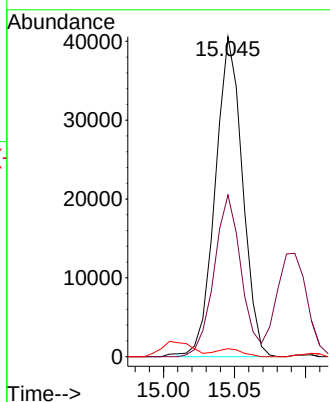
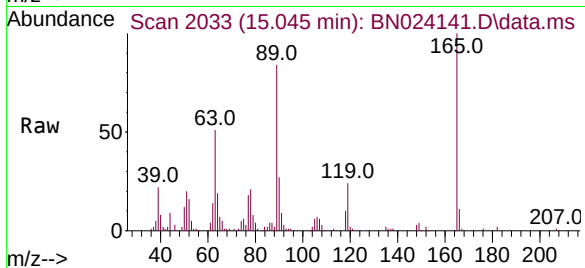
#57
2,4-Dinitrotoluene
Concen: 3.930 ng/ul
RT: 15.045 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

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

Tgt Ion:165 Resp: 53963
Ion Ratio Lower Upper
165 100
63 50.5 38.5 57.7
182 2.5 2.2 3.4

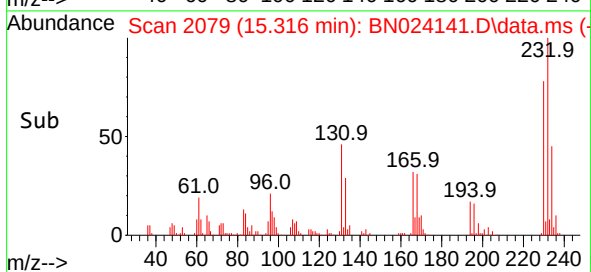
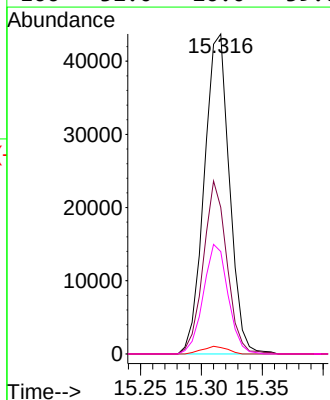
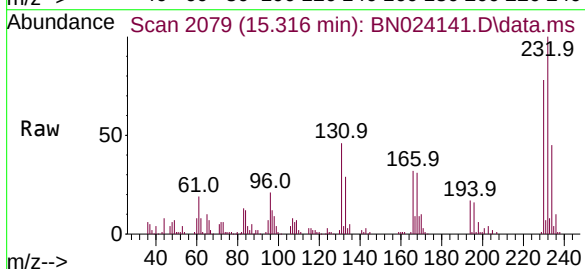
Manual Integrations
APPROVED

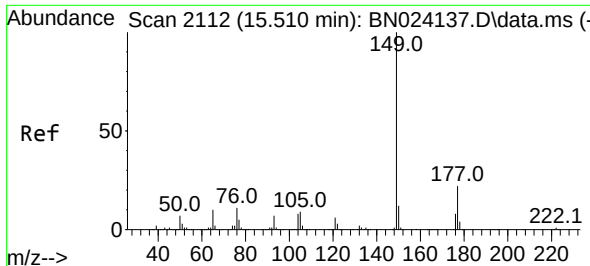
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.528 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

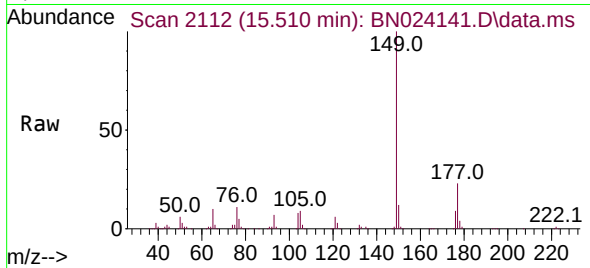
Tgt Ion:232 Resp: 62871
Ion Ratio Lower Upper
232 100
131 45.8 38.5 57.7
130 2.0 2.0 3.0#
166 32.0 26.0 39.0





#59
Diethylphthalate
Concen: 4.870 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

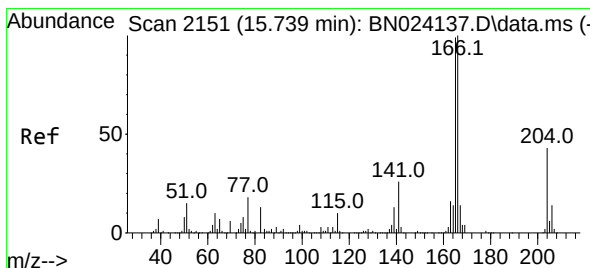
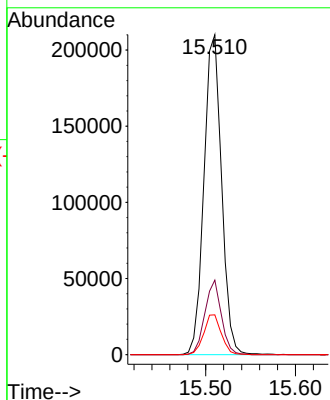
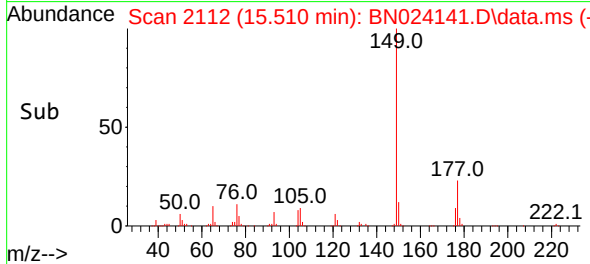
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion:149 Resp: 287274
Ion Ratio Lower Upper
149 100
177 23.3 16.9 25.3
150 12.5 9.7 14.5

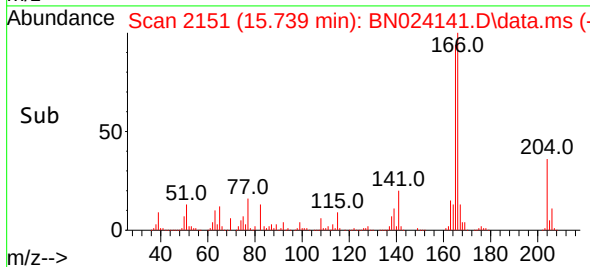
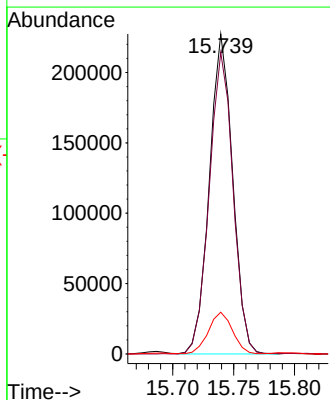
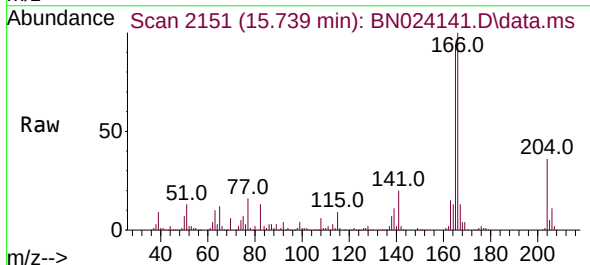
Manual Integrations
APPROVED

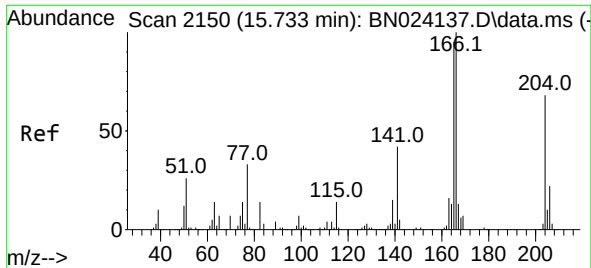
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#61
Fluorene
Concen: 5.479 ng/ul
RT: 15.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:166 Resp: 302965
Ion Ratio Lower Upper
166 100
165 94.2 75.6 113.4
167 13.0 11.2 16.8





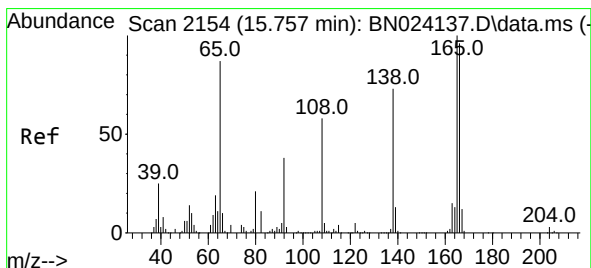
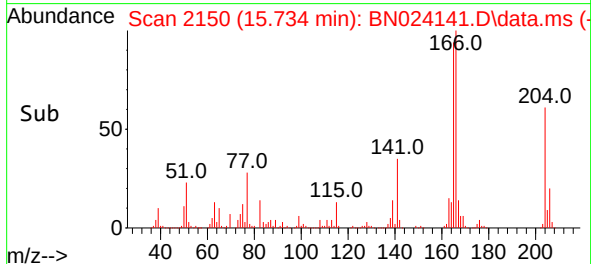
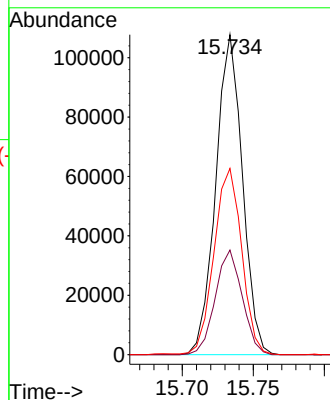
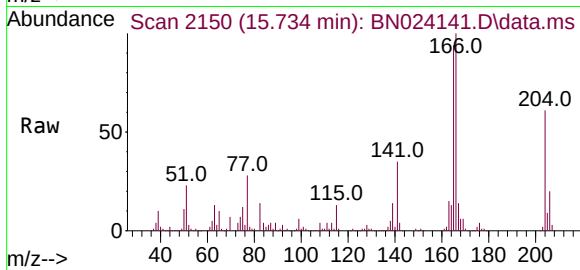
#62
4-Chlorophenyl-phenylether
Concen: 5.338 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

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

Tgt Ion:204 Resp: 141133
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 58.2 47.4 71.0

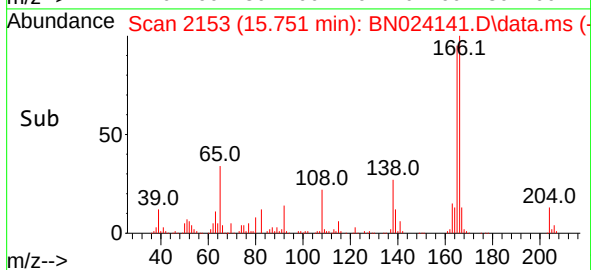
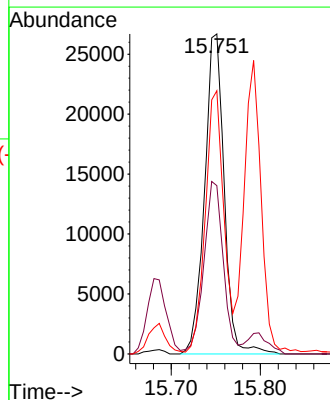
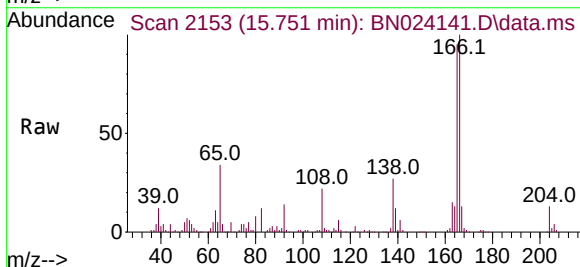
Manual Integrations
APPROVED

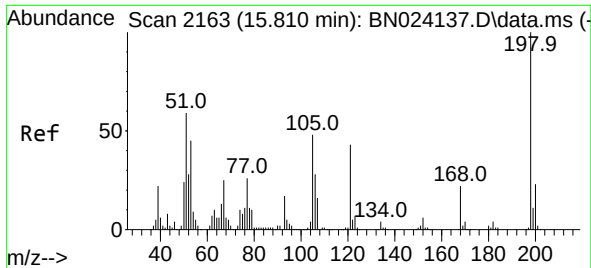
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#63
4-Nitroaniline
Concen: 3.983 ng/ul m
RT: 15.751 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:138 Resp: 40784
Ion Ratio Lower Upper
138 100
92 52.6 40.0 60.0
108 82.2 60.4 90.6





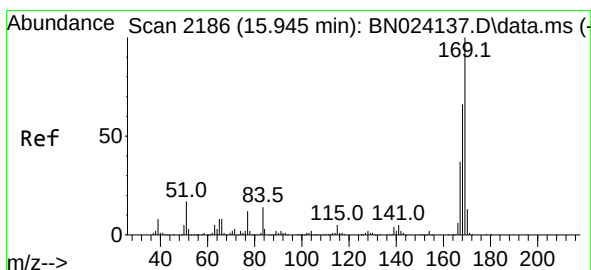
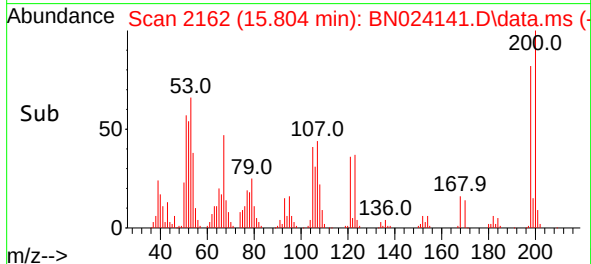
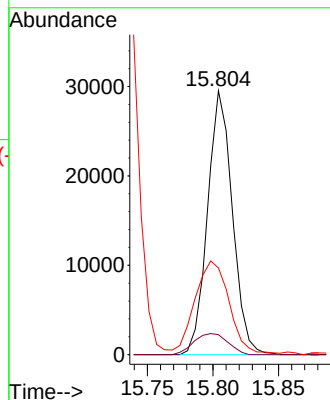
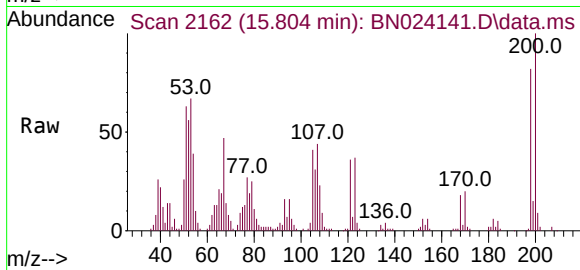
#66
4,6-Dinitro-2-methylphenol
Concen: 4.544 ng/ul
RT: 15.804 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

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

Tgt Ion:198 Resp: 38947
Ion Ratio Lower Upper
198 100
182 7.6 3.4 5.0
77 32.9 20.4 30.6

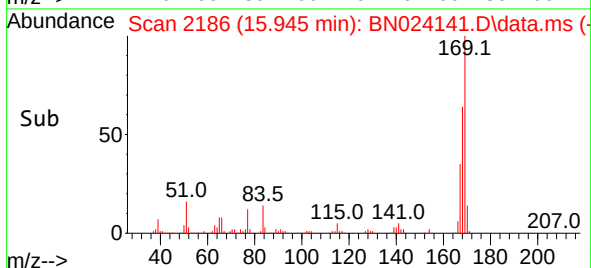
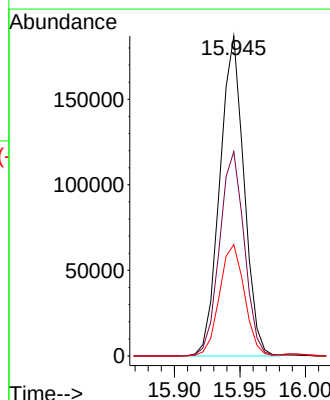
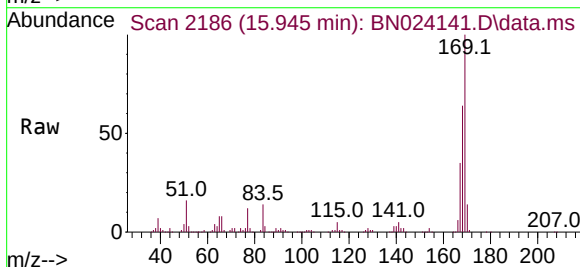
Manual Integrations
APPROVED

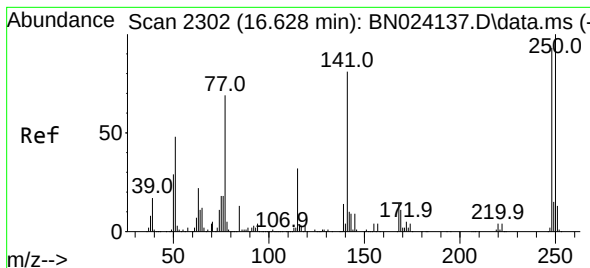
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#67
N-Nitrosodiphenylamine
Concen: 5.146 ng/ul
RT: 15.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

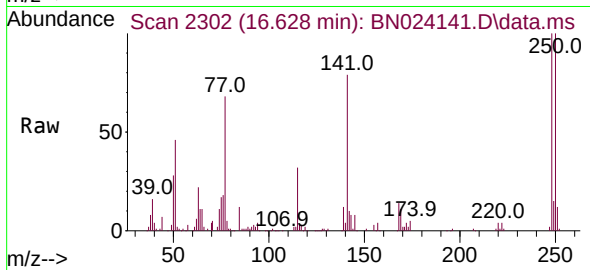
Tgt Ion:169 Resp: 239663
Ion Ratio Lower Upper
169 100
168 63.8 54.5 81.7
167 34.8 28.3 42.5





#68
4-Bromophenyl-phenylether
Concen: 5.010 ng/ul
RT: 16.628 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

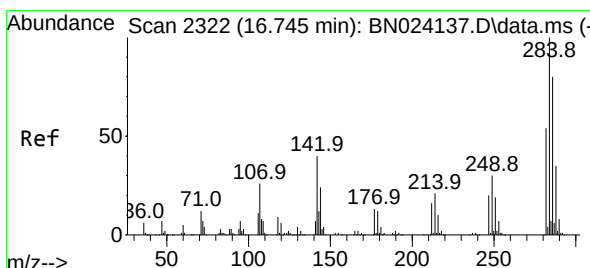
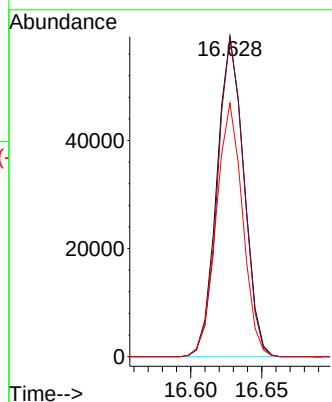
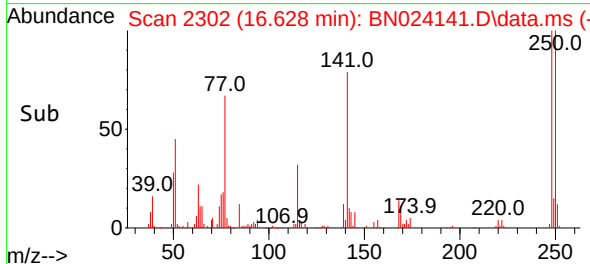
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



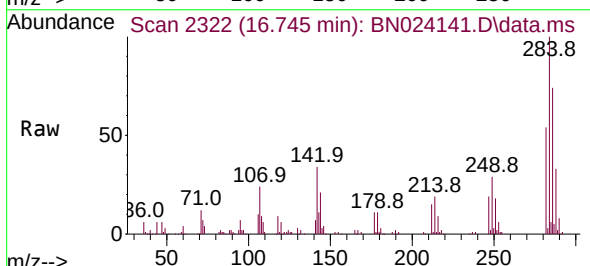
Tgt Ion:248 Resp: 78336
Ion Ratio Lower Upper
248 100
250 99.8 76.6 115.0
141 79.2 61.4 92.0

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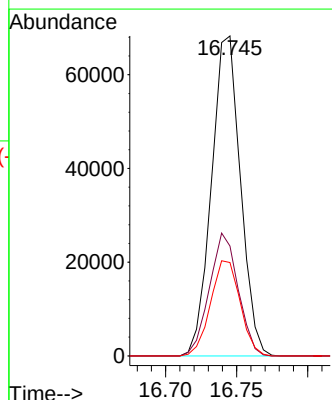
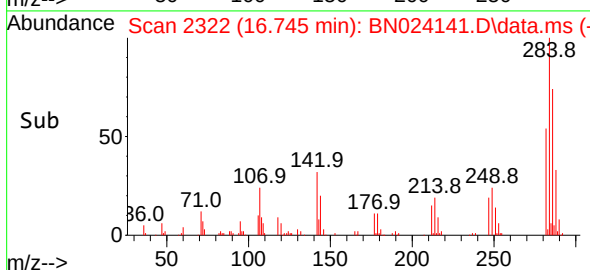
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

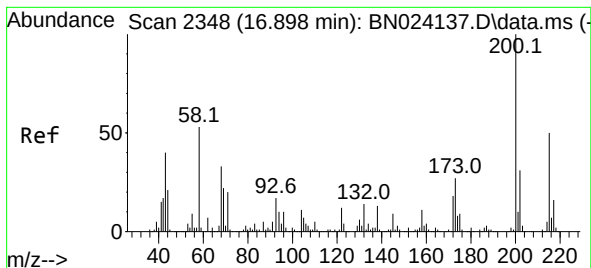


#69
Hexachlorobenzene
Concen: 5.093 ng/ul
RT: 16.745 min Scan# 2322
Delta R.T. 0.006 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37



Tgt Ion:284 Resp: 96872
Ion Ratio Lower Upper
284 100
142 34.3 29.0 43.6
249 29.2 25.0 37.6





#70

Atrazine

Concen: 4.477 ng/ul

RT: 16.892 min Scan# 2348

Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

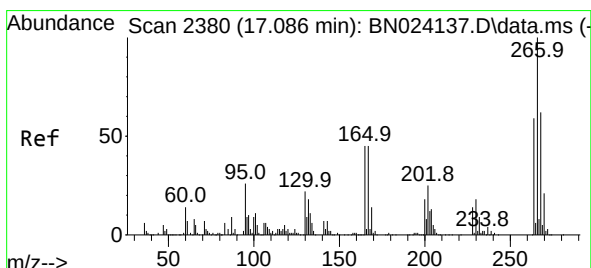
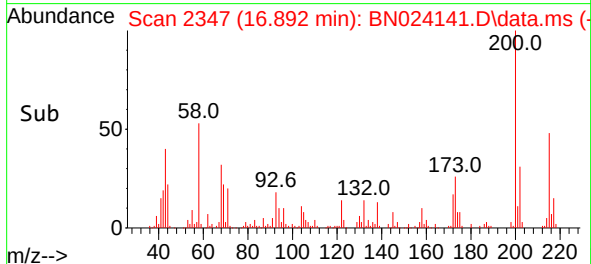
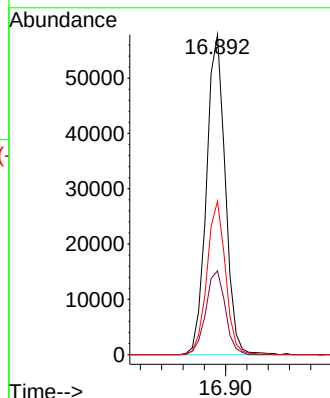
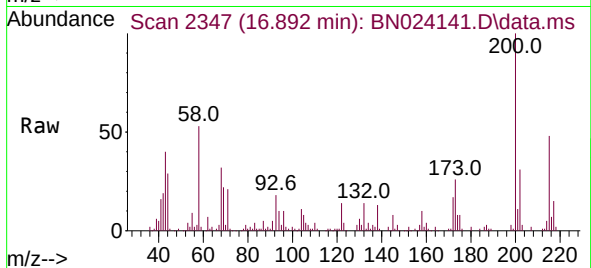
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:	200	Resp:	7057
Ion Ratio	Lower	Upper	
200	100		
173	26.2	20.7	31.1
215	47.9	38.8	58.2

Manual Integrations

APPROVED

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



#71

Pentachlorophenol

Concen: 4.386 ng/ul

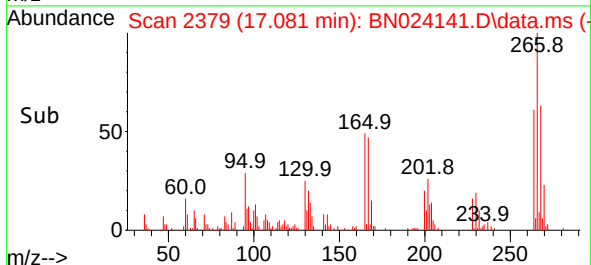
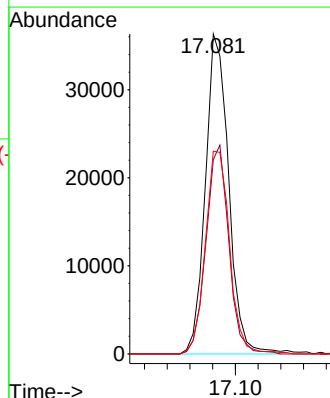
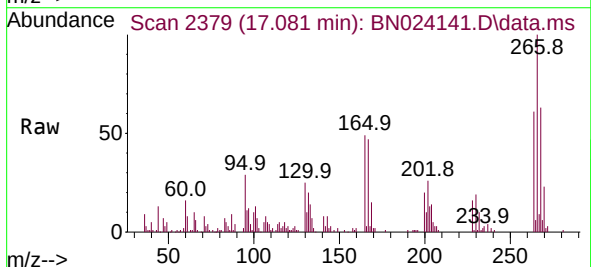
RT: 17.081 min Scan# 2379

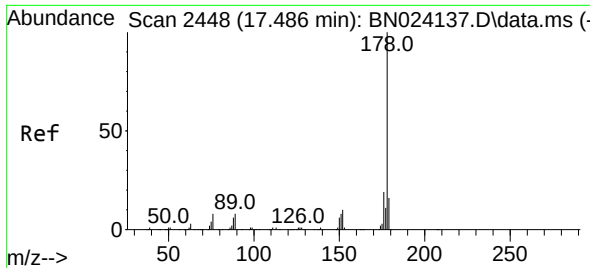
Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

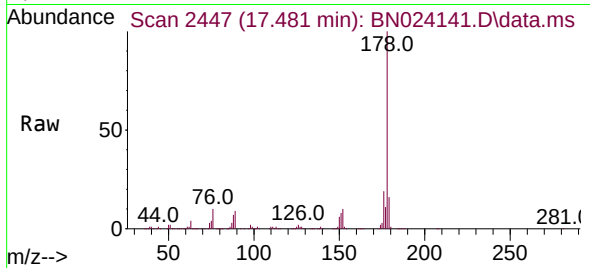
Tgt Ion:	266	Resp:	51618
Ion Ratio	Lower	Upper	
266	100		
264	60.8	49.5	74.3
268	63.4	51.3	76.9





#72
Phenanthrene
Concen: 5.315 ng/ul
RT: 17.481 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

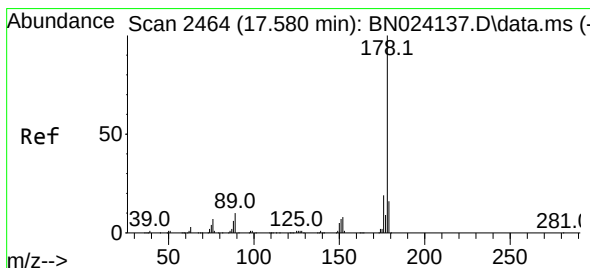
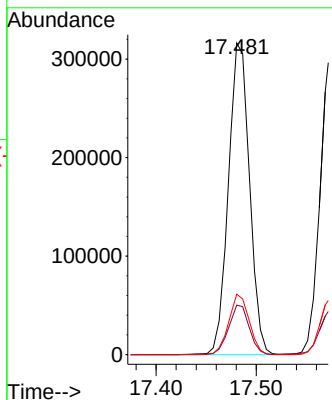
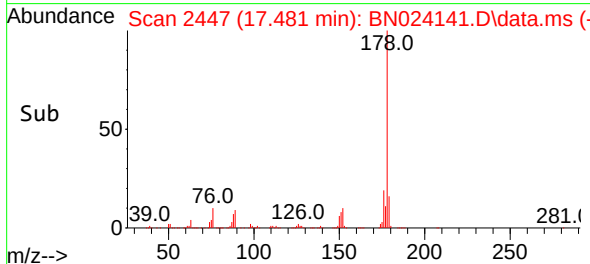
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion:178 Resp: 463110
Ion Ratio Lower Upper
178 100
179 15.9 11.6 17.4
176 19.4 14.9 22.3

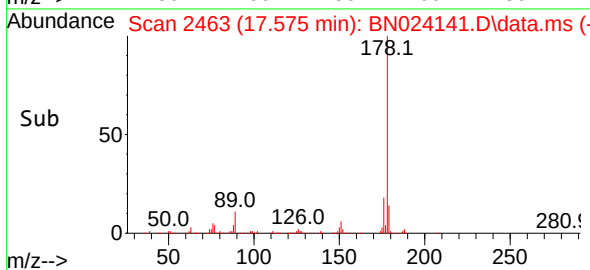
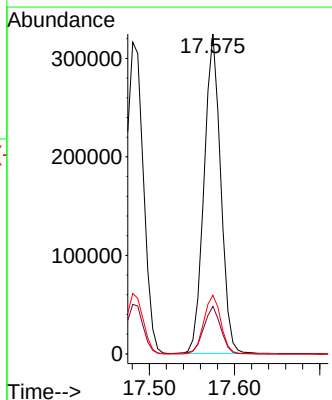
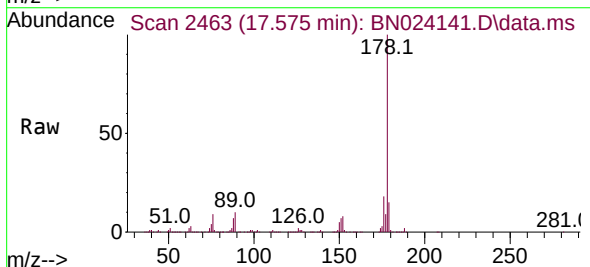
Manual Integrations
APPROVED

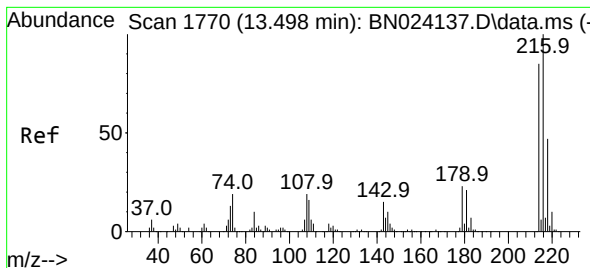
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#74
Anthracene
Concen: 5.001 ng/ul
RT: 17.575 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

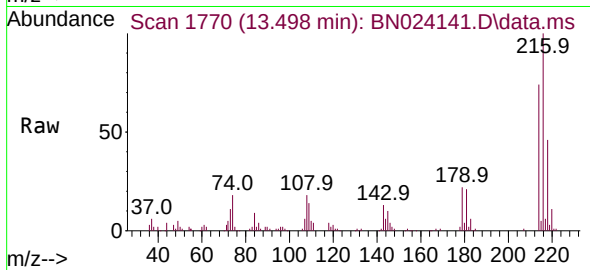
Tgt Ion:178 Resp: 439331
Ion Ratio Lower Upper
178 100
179 14.9 11.9 17.9
176 18.3 14.6 21.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.104 ng/uL
RT: 13.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

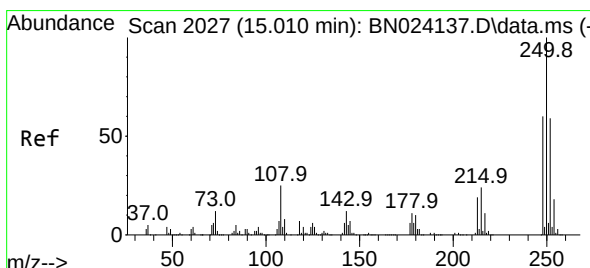
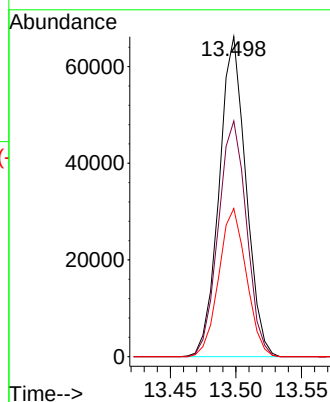
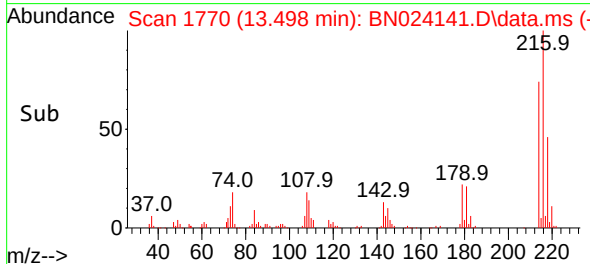
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



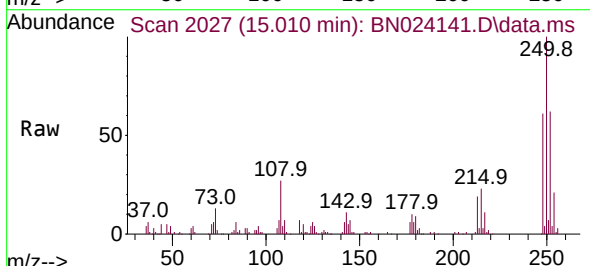
Tgt Ion:216 Resp: 94074
Ion Ratio Lower Upper
216 100
214 73.6 59.6 89.4
218 46.3 37.0 55.4

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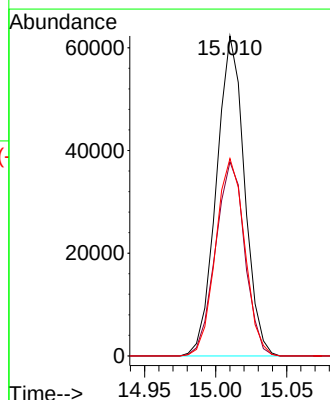
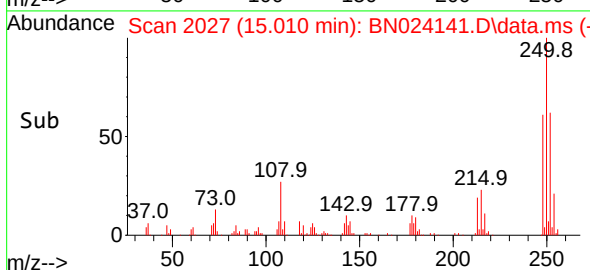
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

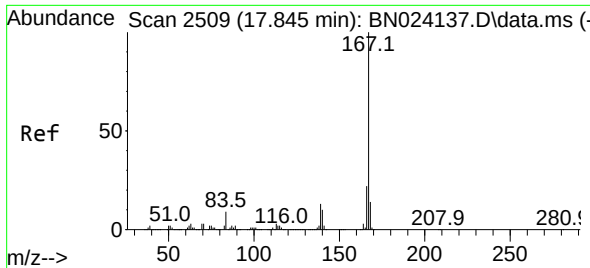


#76
Pentachlorobenzene
Concen: 3.838 ng/uL
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37



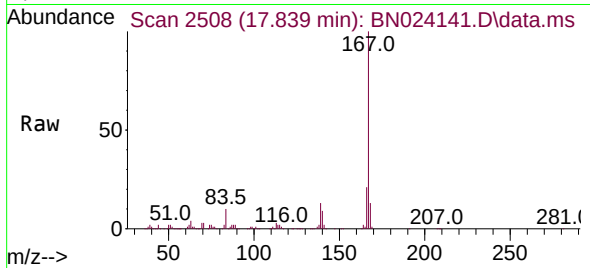
Tgt Ion:250 Resp: 85716
Ion Ratio Lower Upper
250 100
248 60.6 53.0 79.4
252 61.7 54.6 81.8





#77
Carbazole
Concen: 5.104 ng/ul
RT: 17.839 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

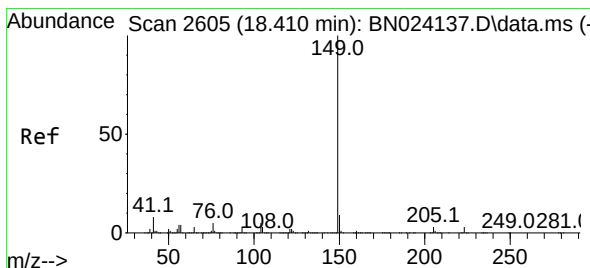
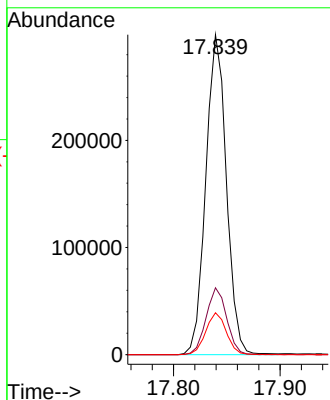
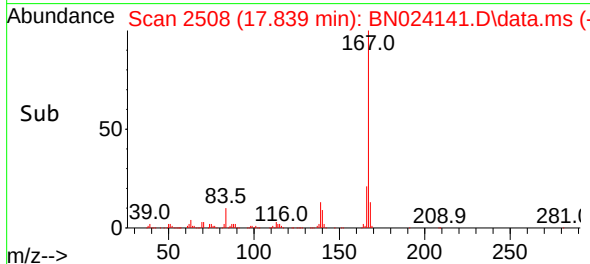
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion:167 Resp: 401516
Ion Ratio Lower Upper
167 100
166 20.9 17.3 25.9
139 13.1 10.5 15.7

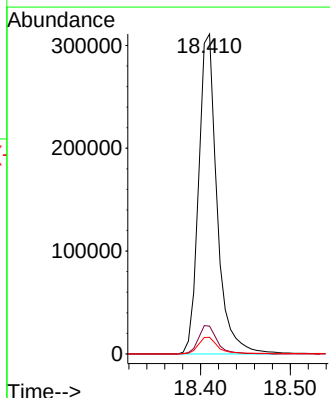
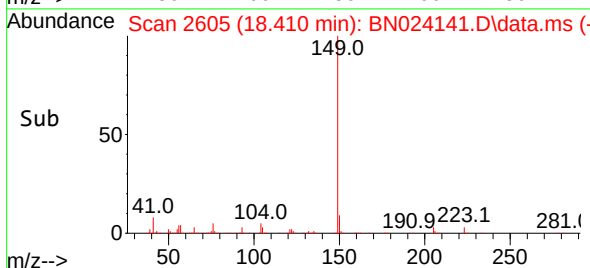
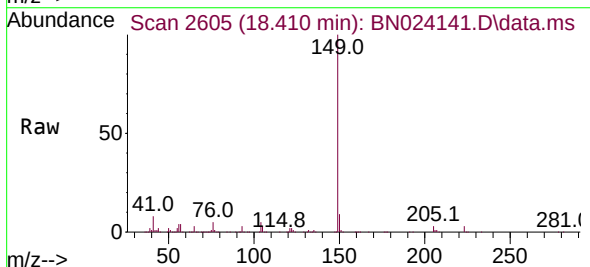
Manual Integrations
APPROVED

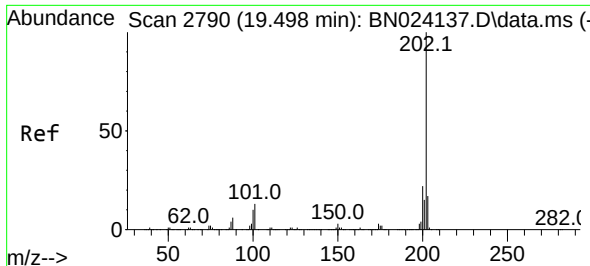
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#78
Di-n-butylphthalate
Concen: 4.739 ng/ul
RT: 18.410 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

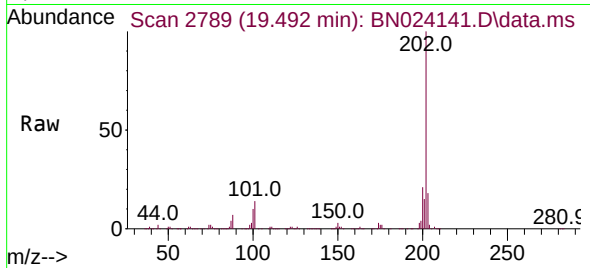
Tgt Ion:149 Resp: 443764
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 5.2 4.0 6.0





#80
Fluoranthene
Concen: 5.148 ng/u1
RT: 19.492 min Scan# 2789
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

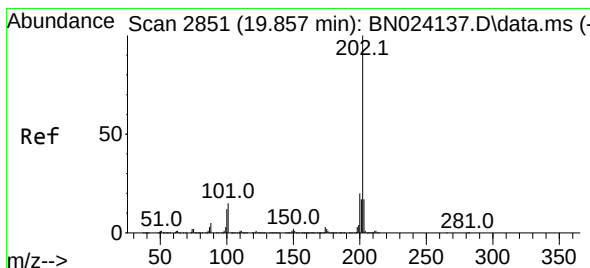
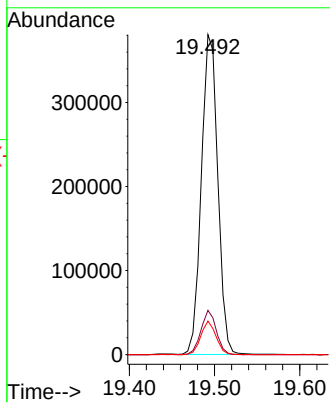
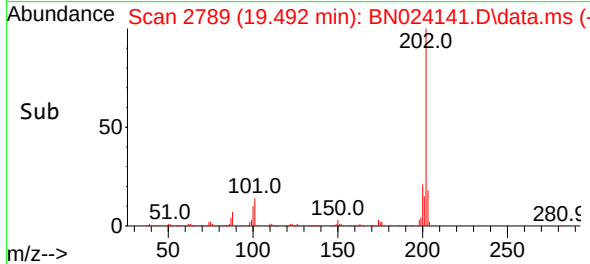
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2023-02



Tgt Ion:202 Resp: 509193
Ion Ratio Lower Upper
202 100
101 13.8 10.0 15.0
100 10.5 7.6 11.4

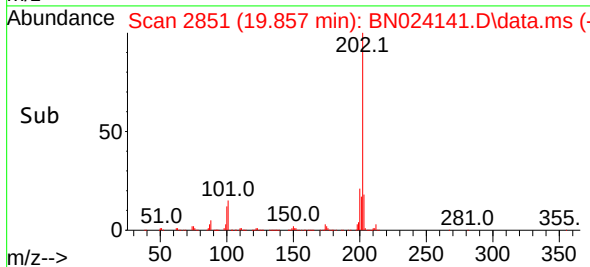
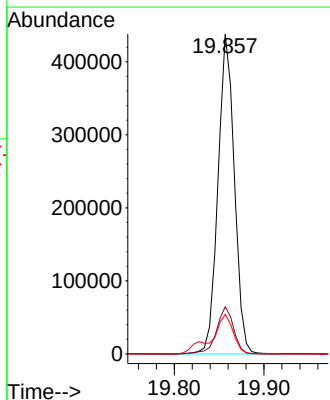
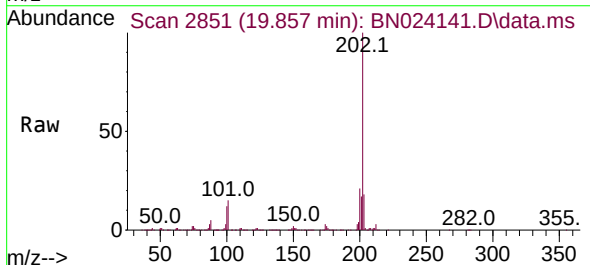
Manual Integrations
APPROVED

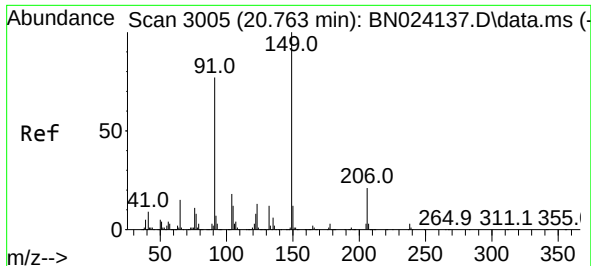
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#82
Pyrene
Concen: 5.357 ng/u1
RT: 19.857 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

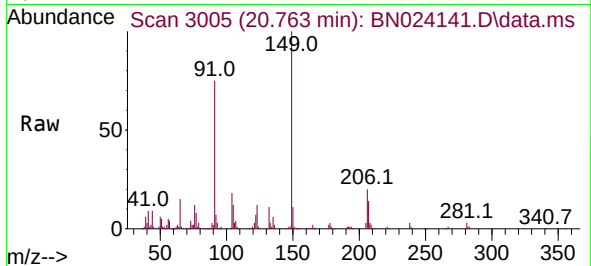
Tgt Ion:202 Resp: 558970
Ion Ratio Lower Upper
202 100
101 14.7 11.9 17.9
100 12.4 9.9 14.9





#83
Butylbenzylphthalate
Concen: 4.276 ng/ul
RT: 20.763 min Scan# 3005
Delta R.T. 0.012 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

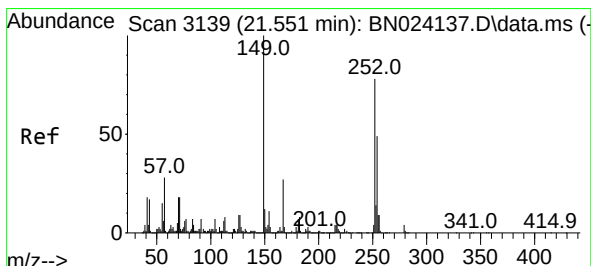
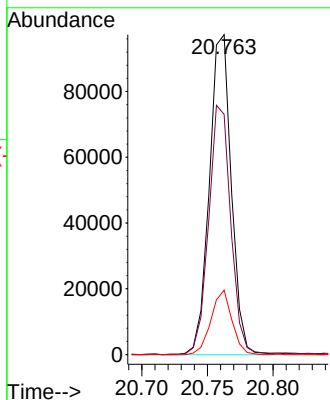
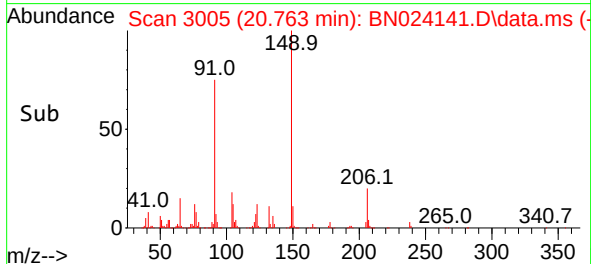
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion:149 Resp: 113622
Ion Ratio Lower Upper
149 100
91 75.1 62.2 93.2
206 20.1 16.4 24.6

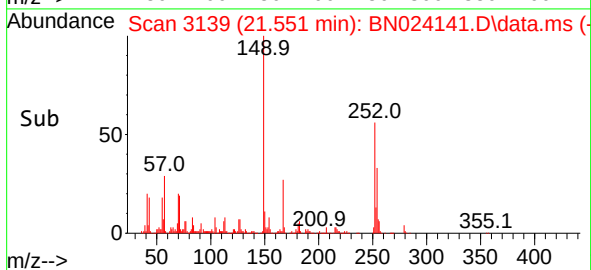
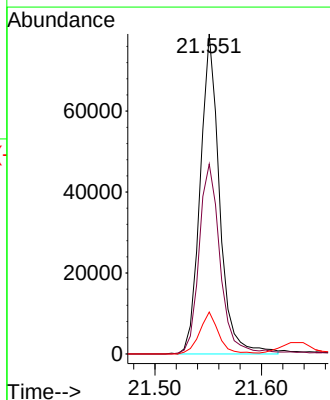
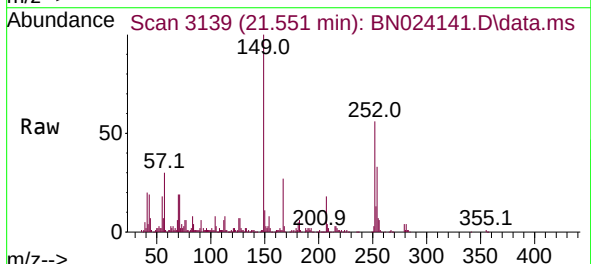
Manual Integrations
APPROVED

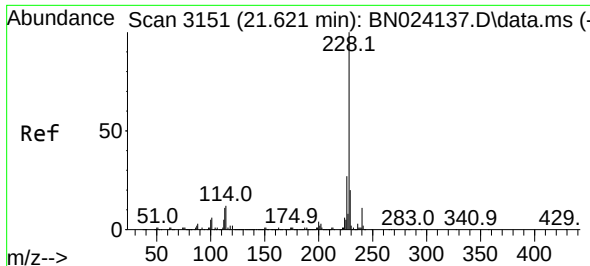
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#84
3,3'-Dichlorobenzidine
Concen: 3.549 ng/ul
RT: 21.551 min Scan# 3139
Delta R.T. 0.012 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

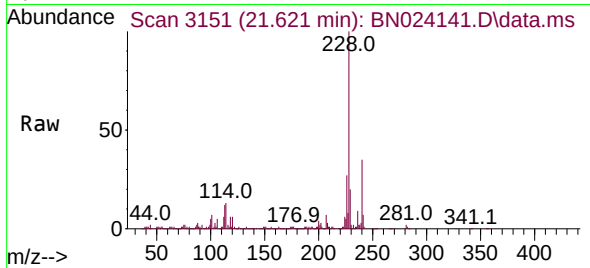
Tgt Ion:252 Resp: 99587
Ion Ratio Lower Upper
252 100
254 59.3 54.6 81.8
126 13.1 11.0 16.6





#85
Benzo(a)anthracene
Concen: 4.911 ng/ul
RT: 21.621 min Scan# 3151
Delta R.T. 0.012 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

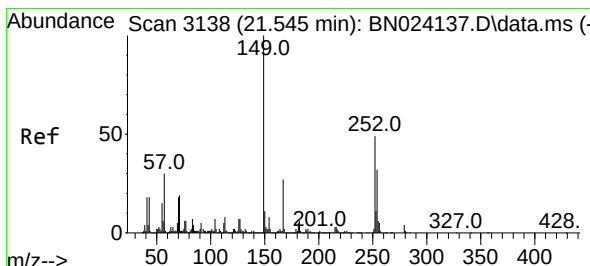
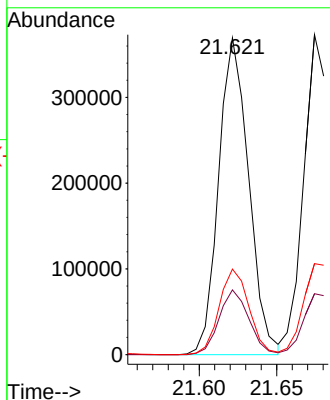
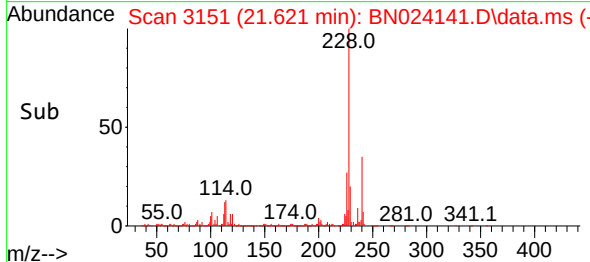
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2023-02



Tgt Ion:228 Resp: 498364
Ion Ratio Lower Upper
228 100
229 20.4 16.3 24.5
226 27.0 22.6 34.0

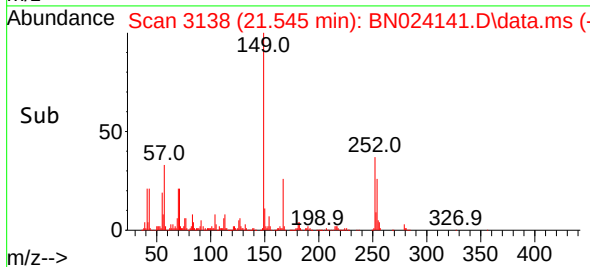
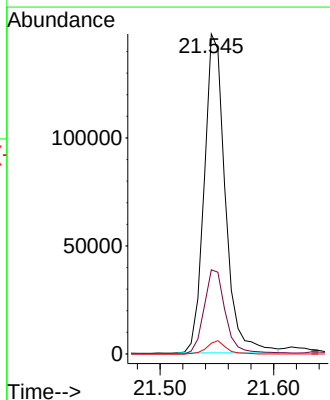
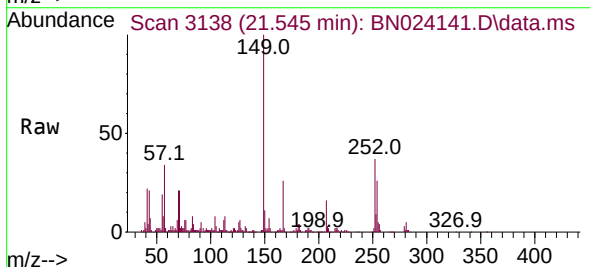
Manual Integrations
APPROVED

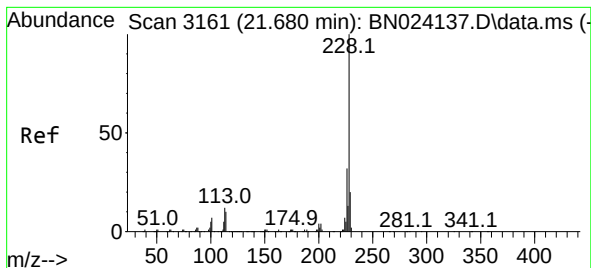
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.316 ng/ul
RT: 21.545 min Scan# 3138
Delta R.T. 0.012 min
Lab File: BN024141.D
Acq: 07 Mar 2023 12:37

Tgt Ion:149 Resp: 190330
Ion Ratio Lower Upper
149 100
167 26.3 21.6 32.4
279 3.4 3.4 5.2#





#87

Chrysene

Concen: 5.022 ng/ul

RT: 21.674 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

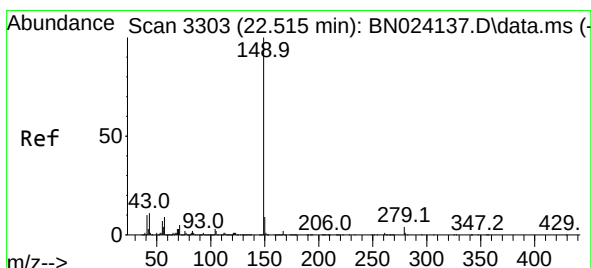
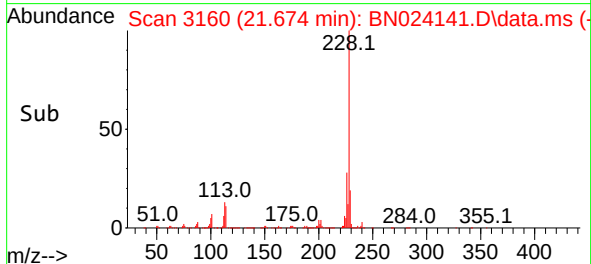
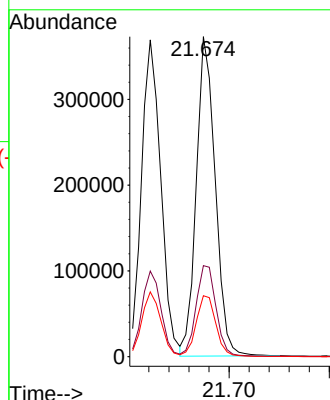
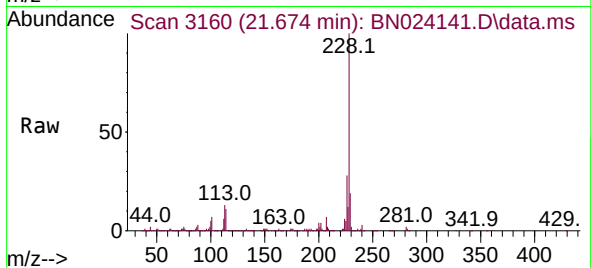
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:228 Resp: 487765
 Ion Ratio Lower Upper
 228 100
 226 28.5 25.8 38.6
 229 19.0 17.5 26.3

Manual Integrations

APPROVED

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



#89

Di-n-octyl phthalate

Concen: 3.836 ng/ul

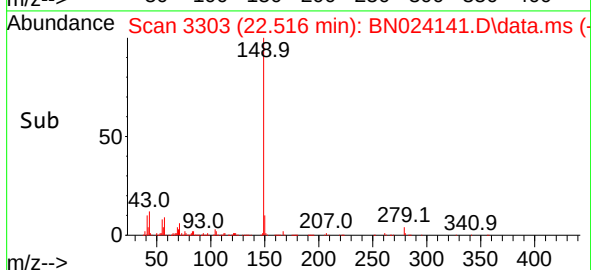
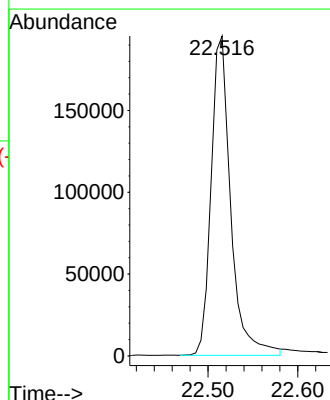
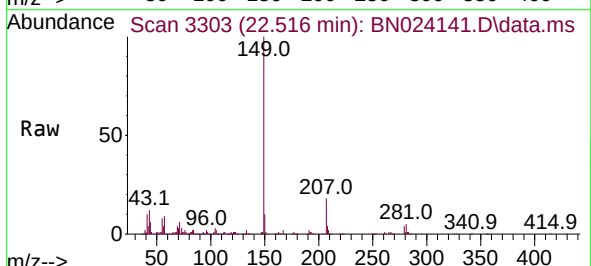
RT: 22.516 min Scan# 3303

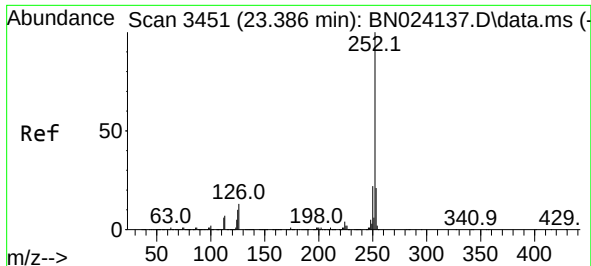
Delta R.T. 0.012 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Tgt Ion:149 Resp: 296444





#90

Benzo(b)fluoranthene

Concen: 5.175 ng/ul

RT: 23.380 min Scan# 3451

Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

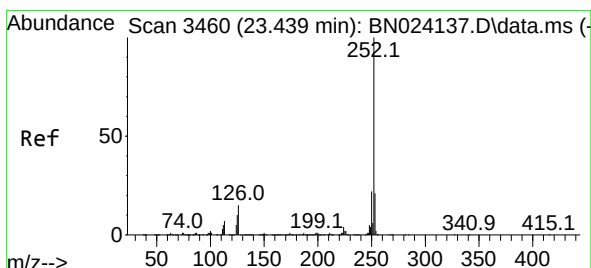
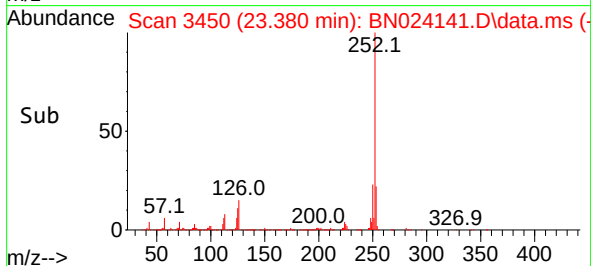
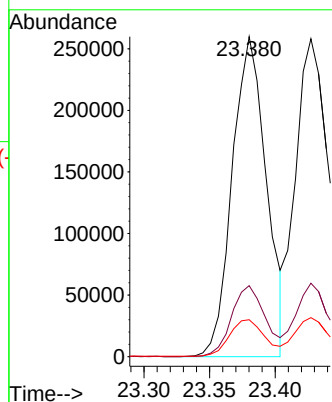
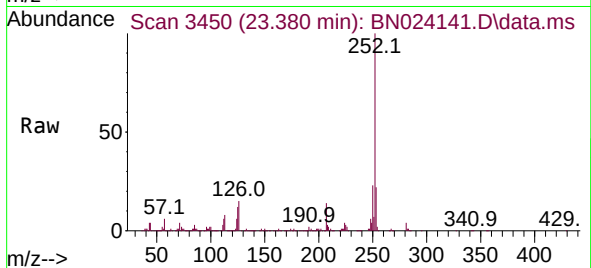
MDL-MED-SOIL-QT1-2023-02

Tgt Ion:252 Resp: 470710
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.3 27.5
 125 11.5 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: 5.309 ng/ul

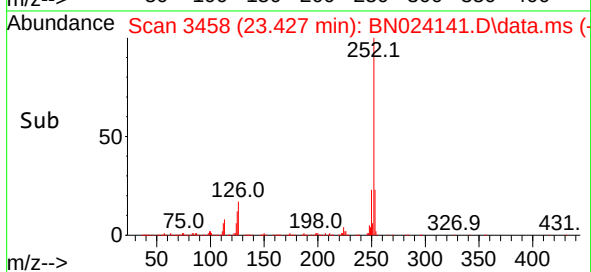
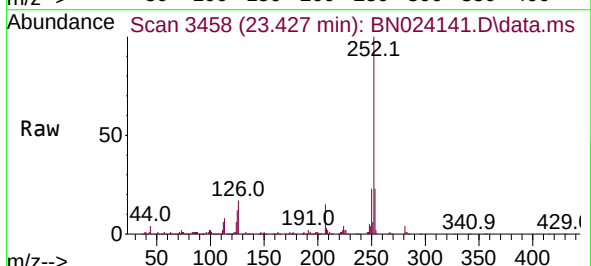
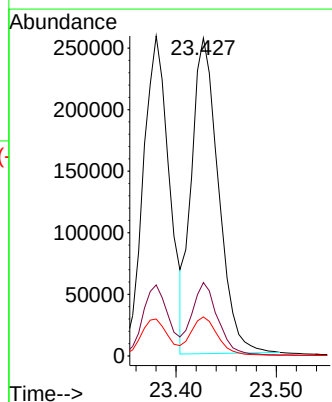
RT: 23.427 min Scan# 3458

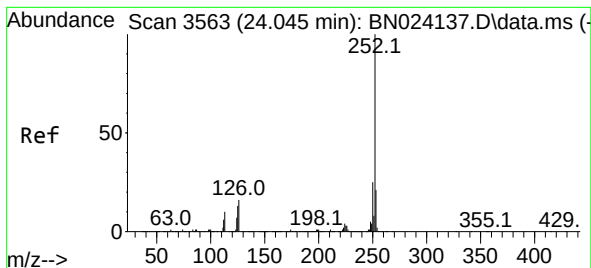
Delta R.T. -0.000 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Tgt Ion:252 Resp: 477617
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.0
 125 12.3 9.0 13.6





#93

Benzo(a)pyrene

Concen: 5.343 ng/ul

RT: 24.039 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024141.D

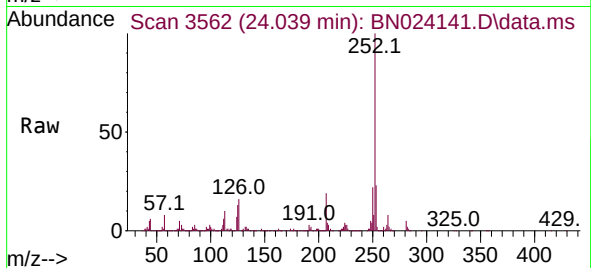
Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-02



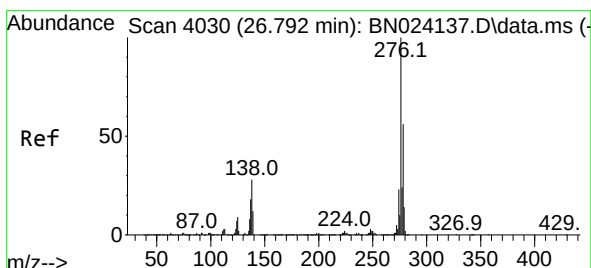
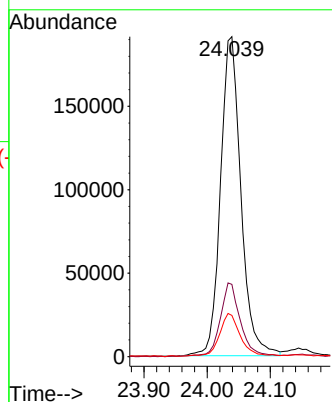
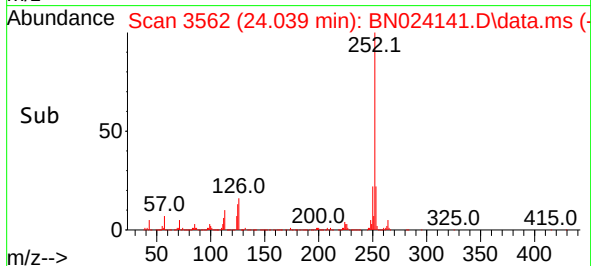
Tgt Ion:	252	Resp:	430382
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	12.9	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.774 ng/ul m

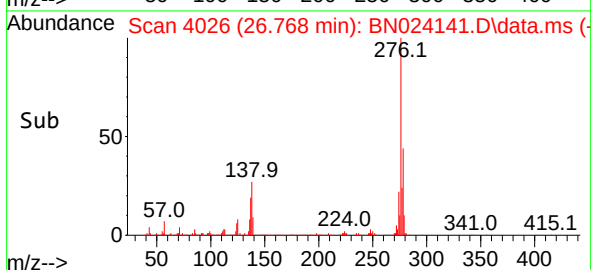
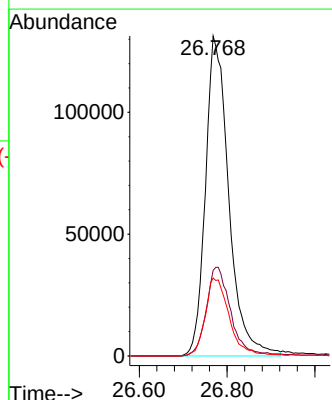
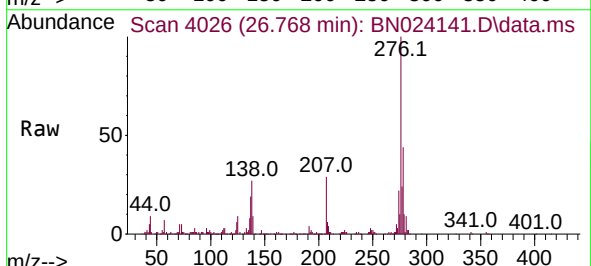
RT: 26.768 min Scan# 4026

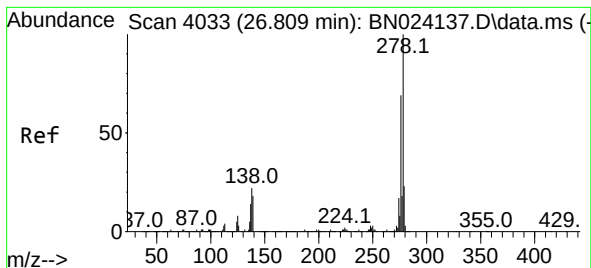
Delta R.T. -0.041 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Tgt Ion:	276	Resp:	484355
Ion Ratio	Lower	Upper	
276	100		
138	26.7	19.6	29.4
277	24.3	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 4.673 ng/ul m

RT: 26.798 min Scan# 4031

Delta R.T. -0.029 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT1-2023-02

Tgt Ion: 278 Resp: 38602

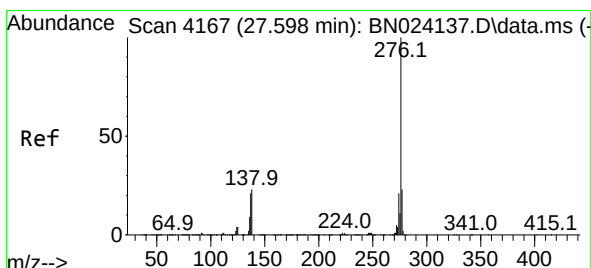
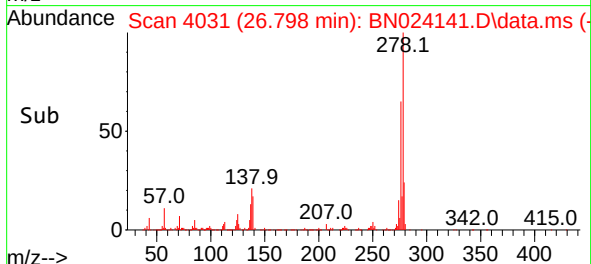
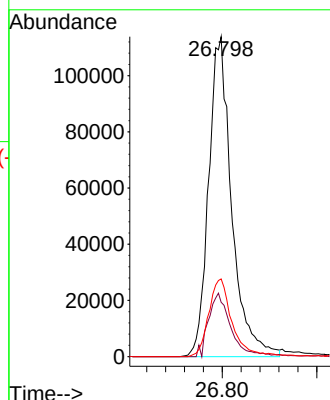
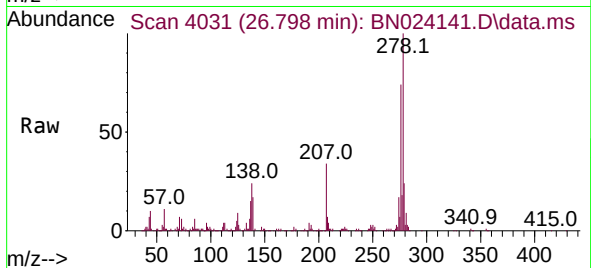
Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.4	21.6
279	24.3	18.2	27.2

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/08/2023

Supervised By : Jagrut Upadhyay 03/08/2023



#96

Benzo(g,h,i)perylene

Concen: 4.608 ng/ul m

RT: 27.580 min Scan# 4164

Delta R.T. -0.041 min

Lab File: BN024141.D

Acq: 07 Mar 2023 12:37

Tgt Ion: 276 Resp: 385686

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.8	28.2
277	22.6	18.6	27.8

