

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
 Data File : BN023643.D
 Acq On : 12 Jan 2023 14:03
 Operator : CG/JU
 Sample : N4239-04
 Misc : SFAM-MDL-S-02-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2022-06

Quant Time: Jan 12 14:36:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 03:34:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	182867	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.757	136	839389	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.598	164	535572	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1178509	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1183129	20.000	ng/u1	-0.01
88) Perylene-d12	23.962	264	1196918	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17072	4.017	ng/uL	0.00
4) Pyridine-d5	3.722	84	162099	12.714	ng/u1	0.00
7) Phenol-d5	7.105	99	288214	17.783	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	185861	18.694	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	230801	18.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	232611	17.982	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	114843	18.144	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	120075	17.920	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	226242	17.702	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.898	131	342364	17.030	ng/u1	-0.01
46) Dimethylphthalate-d6	14.004	166	698270	17.527	ng/u1	-0.01
49) Acenaphthylene-d8	14.292	160	794658	18.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	131313	16.190	ng/u1	-0.01
60) Fluorene-d10	15.586	176	635846	18.678	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.710	200	102166	14.371	ng/u1	0.00
73) Anthracene-d10	17.445	188	958852	18.182	ng/u1	0.00
81) Pyrene-d10	19.739	212	1185636	17.522	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	1083850	18.311	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	5851m	1.304	ng/uL	
5) Pyridine	3.752	79	48912	3.747	ng/u1	90
6) Benzaldehyde	7.075	77	35698	5.687	ng/u1	96
8) Phenol	7.128	94	68750	4.167	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.363	93	56424	4.328	ng/u1	98
12) 2-Chlorophenol	7.499	128	55176	4.302	ng/u1	99
13) 2-Methylphenol	8.393	108	48546	3.910	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.481	45	78244	4.488	ng/u1	99
16) Acetophenone	8.775	105	86310	4.317	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	41779	4.150	ng/u1	98
18) 4-Methylphenol	8.722	108	55593	4.066	ng/u1	99
19) Hexachloroethane	9.028	117	21584	4.207	ng/u1	99
22) Nitrobenzene	9.157	77	67081	4.235	ng/u1	98
23) Isophorone	9.681	82	107309	3.745	ng/u1	100
25) 2-Nitrophenol	9.869	139	30109	4.043	ng/u1	91
26) 2,4-Dimethylphenol	9.928	107	55602	3.679	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	76783	4.132	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	53054	4.149	ng/u1	99
30) Naphthalene	10.810	128	195118	4.324	ng/u1	99
32) 4-Chloroaniline	10.922	127	82300	4.088	ng/u1	99
33) Hexachlorobutadiene	11.093	225	33147	4.191	ng/u1	96
34) Caprolactam	11.710	113	16006	3.727	ng/u1	99
35) 4-Chloro-3-methylphenol	12.045	107	54317	3.895	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	127753	4.247	ng/u1	96

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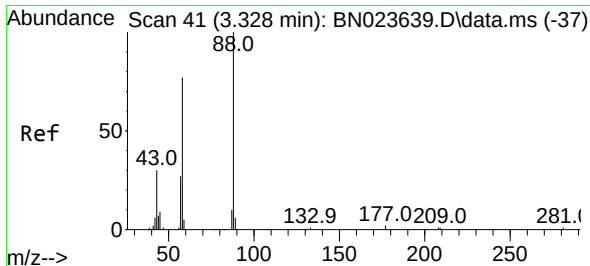
Quant Time: Jan 12 14:36:37 2023
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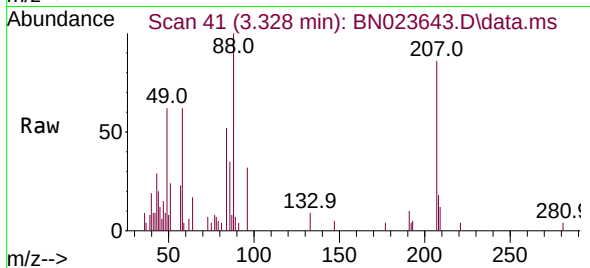
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	118146	3.844	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	66389	4.191	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	35774	3.583	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	38261	3.664	ng/ul	97
42) 2,4,5-Trichlorophenol	13.098	196	43796	3.836	ng/ul	93
43) 1,1'-Biphenyl	13.428	154	171716	4.156	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	136783	4.267	ng/ul	99
45) 2-Nitroaniline	13.681	65	30513	3.452	ng/ul	96
47) Dimethylphthalate	14.051	163	163835	4.092	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	24323	3.214	ng/ul	91
50) Acenaphthylene	14.316	152	208334	4.245	ng/ul	99
51) 3-Nitroaniline	14.504	138	28427	3.748	ng/ul	94
52) Acenaphthene	14.657	153	146779	4.242	ng/ul	97
53) 2,4-Dinitrophenol	14.710	184	17656	3.569	ng/ul	98
55) 4-Nitrophenol	14.804	109	25820	3.942	ng/ul	93
56) Dibenzofuran	14.992	168	202964	4.214	ng/ul	93
57) 2,4-Dinitrotoluene	14.963	165	39131	3.542	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.222	232	36323	3.712	ng/ul	99
59) Diethylphthalate	15.416	149	154721	3.858	ng/ul	98
61) Fluorene	15.645	166	167791	4.302	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.639	204	80898	4.260	ng/ul	97
63) 4-Nitroaniline	15.663	138	29403	4.211	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.722	198	29570	4.215	ng/ul#	89
67) N-Nitrosodiphenylamine	15.851	169	136825	4.137	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	46862	3.967	ng/ul	96
69) Hexachlorobenzene	16.645	284	55652	4.020	ng/ul	94
70) Atrazine	16.804	200	47493	3.837	ng/ul	99
71) Pentachlorophenol	16.992	266	32667	3.698	ng/ul	94
72) Phenanthrene	17.386	178	267496	4.236	ng/ul	98
74) Anthracene	17.475	178	264571	4.210	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	59871	3.773	ng/uL	92
76) Pentachlorobenzene	14.910	250	59240	3.727	ng/uL	97
77) Carbazole	17.751	167	235530	4.127	ng/ul	99
78) Di-n-butylphthalate	18.316	149	245848	3.629	ng/ul	99
80) Fluoranthene	19.404	202	309830	3.915	ng/ul	98
82) Pyrene	19.769	202	347541	4.158	ng/ul	99
83) Butylbenzylphthalate	20.669	149	112791	3.408	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	85070	3.292	ng/ul	99
85) Benzo(a)anthracene	21.516	228	329794	4.115	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.445	149	163676	3.406	ng/ul	97
87) Chrysene	21.569	228	320228	4.262	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	250535	3.033	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	337767	4.430	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	315906	4.189	ng/ul	99
93) Benzo(a)pyrene	23.851	252	290621	4.395	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.480	276	346392	4.239	ng/ul	99
95) Dibenzo(a,h)anthracene	26.504	278	289496	4.284	ng/ul	99
96) Benzo(g,h,i)perylene	27.256	276	273134	4.197	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.304 ng/uL m
RT: 3.328 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

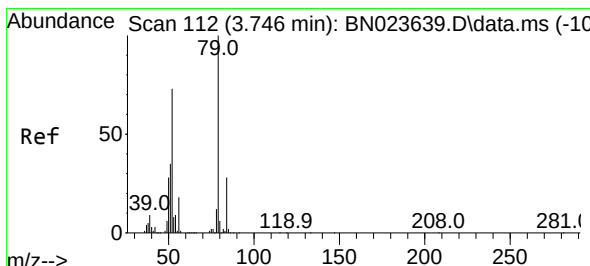
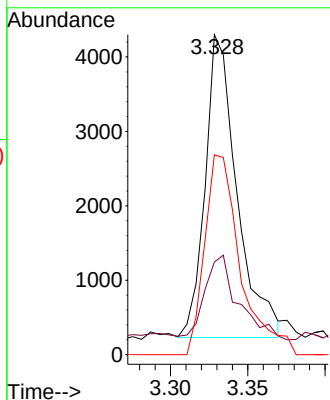
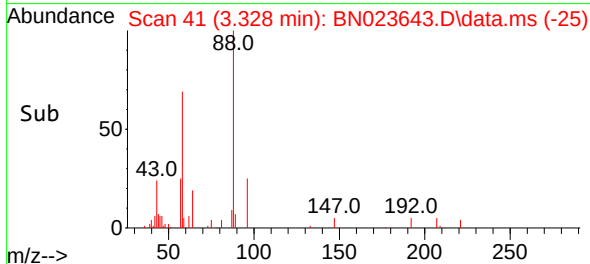
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



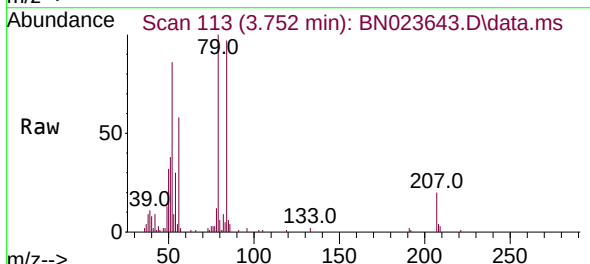
Tgt Ion: 88 Resp: 585
Ion Ratio Lower Upper
88 100
43 28.9 24.6 36.8
58 62.5 56.2 84.4

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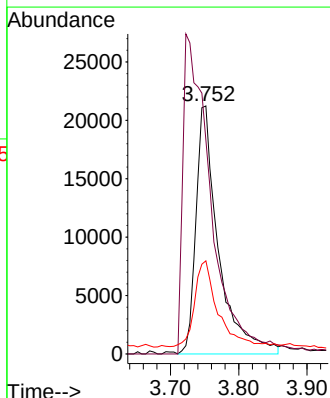
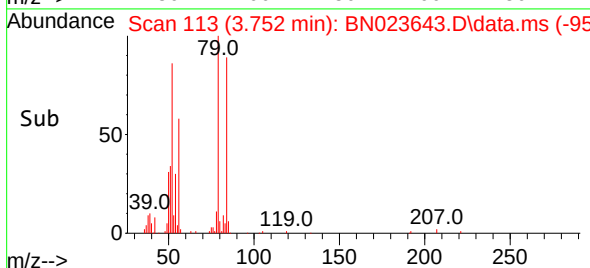
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

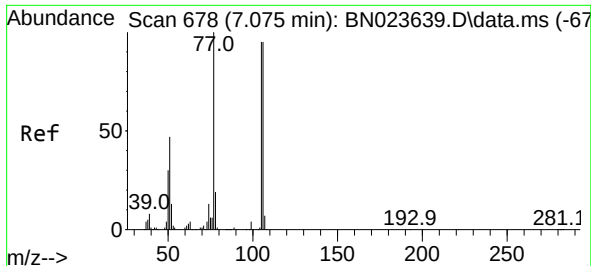


#5
Pyridine
Concen: 3.747 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



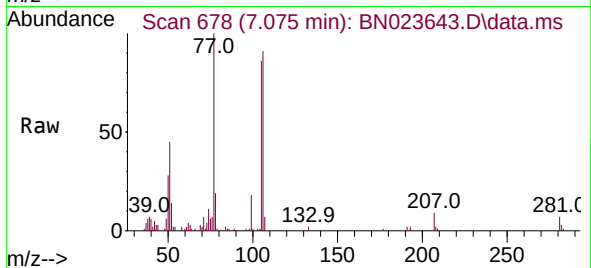
Tgt Ion: 79 Resp: 48912
Ion Ratio Lower Upper
79 100
52 86.3 59.9 89.9
51 37.5 28.6 42.8





#6
Benzaldehyde
Concen: 5.687 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

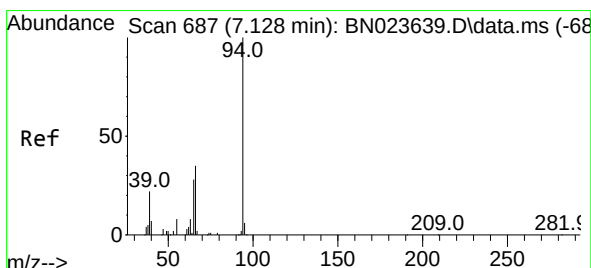
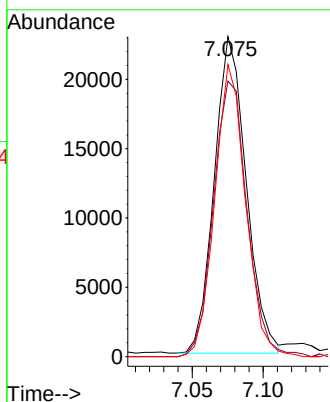
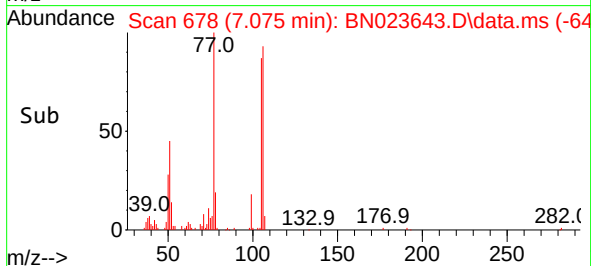
Instrument :
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ClientSampleId :
MDL-SOIL-QT3-2022-06



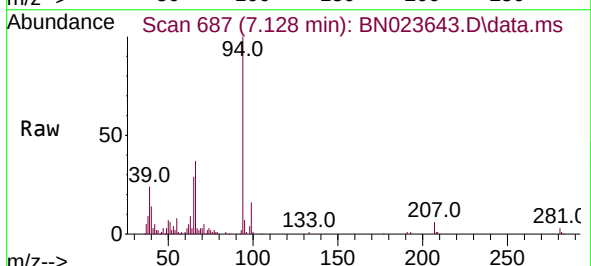
Tgt Ion: 77 Resp: 35698
Ion Ratio Lower Upper
77 100
105 86.1 75.1 112.7
106 91.2 72.8 109.2

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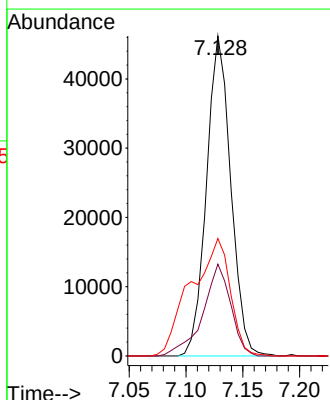
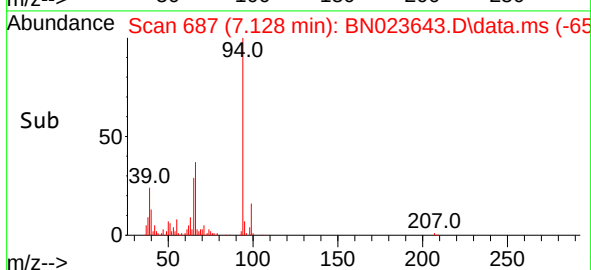
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

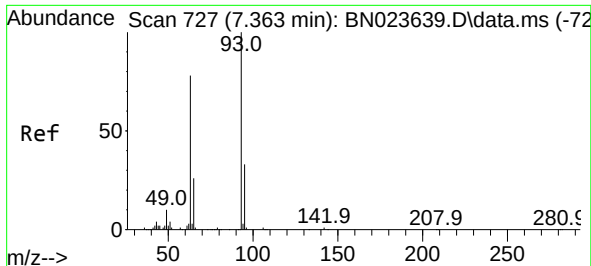


#8
Phenol
Concen: 4.167 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



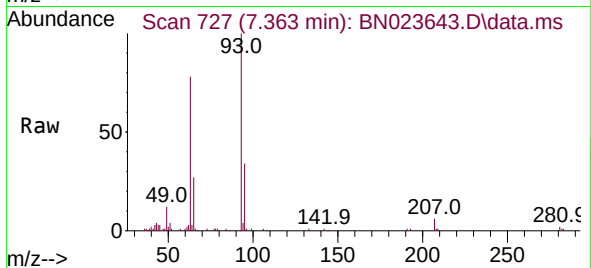
Tgt Ion: 94 Resp: 68750
Ion Ratio Lower Upper
94 100
65 28.7 23.7 35.5
66 36.7 29.9 44.9





#10
Bis(2-Chloroethyl)ether
Concen: 4.328 ng/ul
RT: 7.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

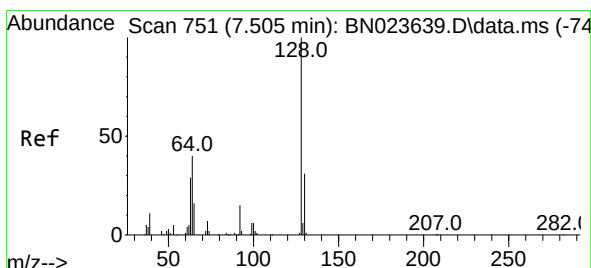
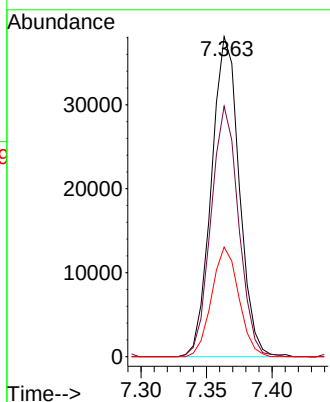
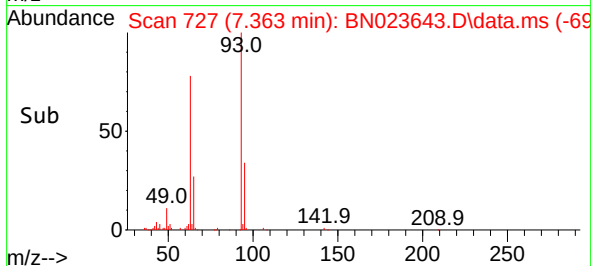
Instrument :
BNA_N
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Tgt Ion: 93 Resp: 56424
Ion Ratio Lower Upper
93 100
63 78.2 61.2 91.8
95 34.2 26.6 40.0

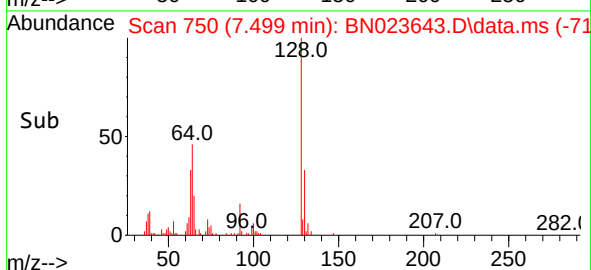
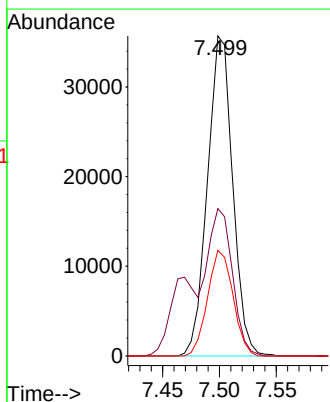
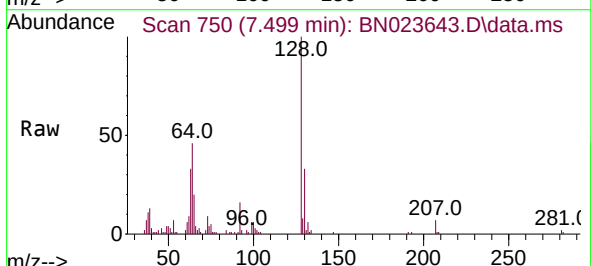
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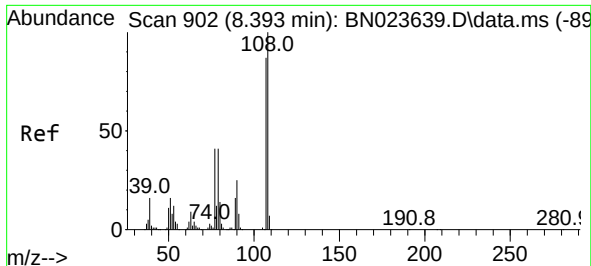
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#12
2-Chlorophenol
Concen: 4.302 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Tgt Ion:128 Resp: 55176
Ion Ratio Lower Upper
128 100
64 46.0 37.4 56.2
130 33.0 25.6 38.4





#13

2-Methylphenol

Concen: 3.910 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.006 min

Lab File: BN023643.D

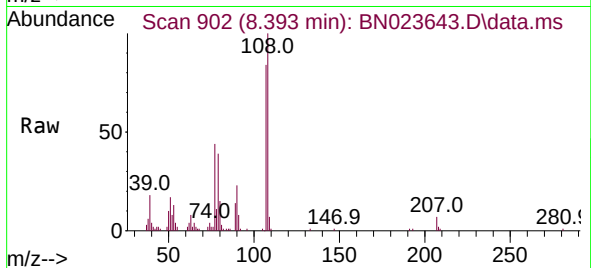
Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

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Tgt Ion: 108 Resp: 48546

Ion Ratio Lower Upper

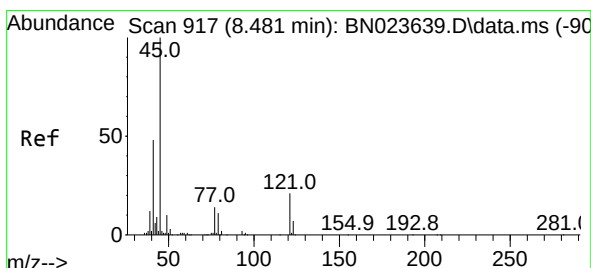
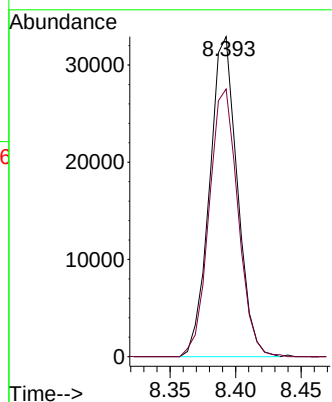
108 100

107 83.6 72.3 108.5

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.488 ng/ul

RT: 8.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

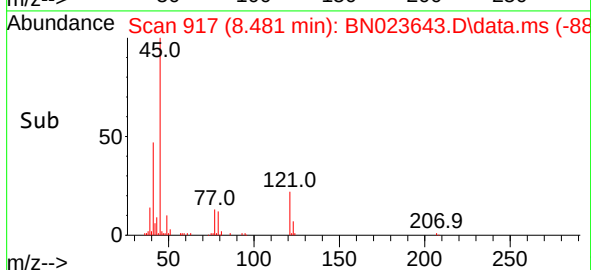
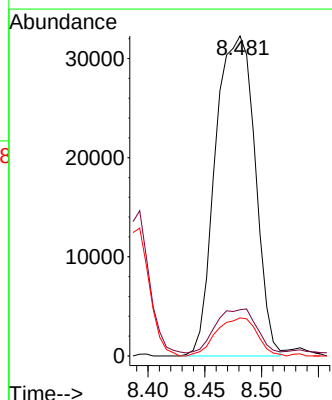
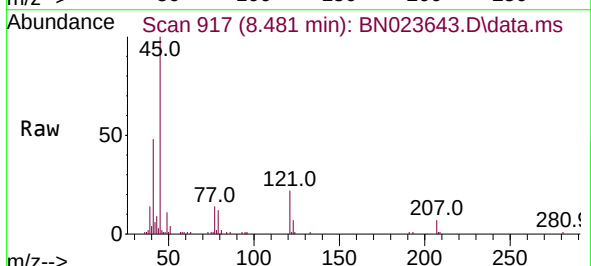
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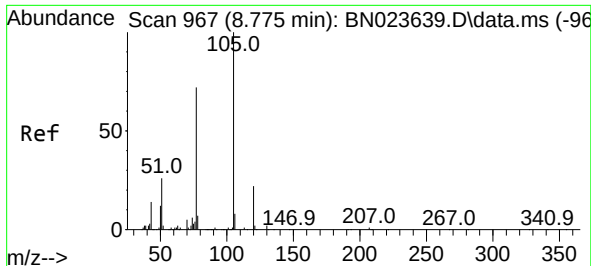
Ion Ratio Lower Upper

45 100

77 14.4 11.4 17.2

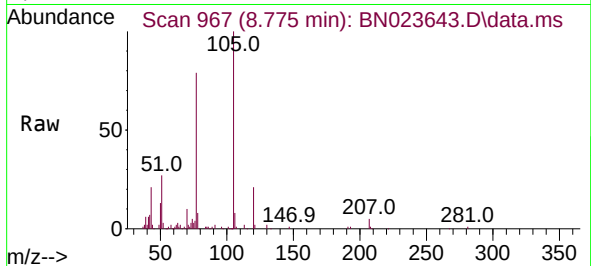
79 11.9 8.8 13.2





#16
Acetophenone
Concen: 4.317 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
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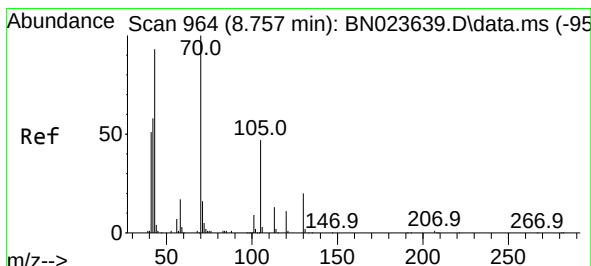
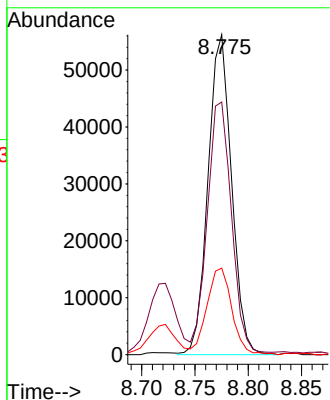
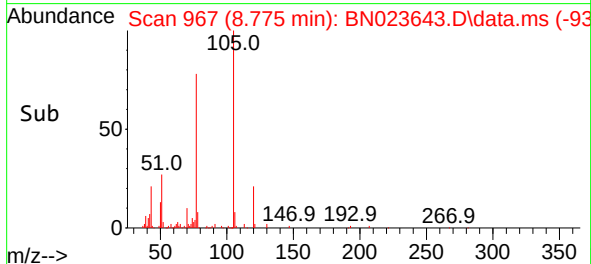
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ClientSampleId :
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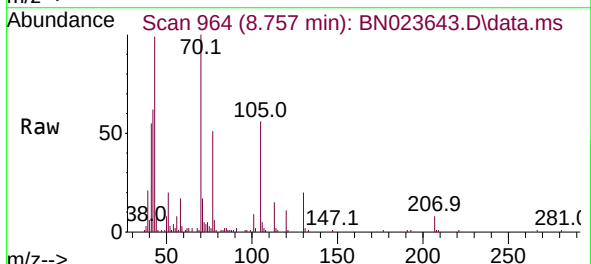
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Ion Ratio Lower Upper
105 100
77 78.9 64.2 96.2
51 27.0 22.0 33.0

Manual Integrations
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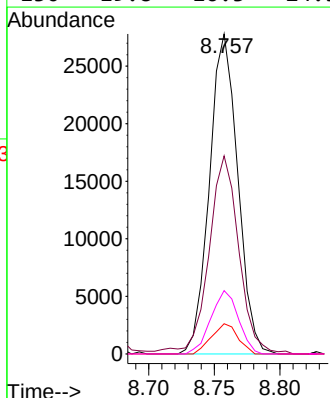
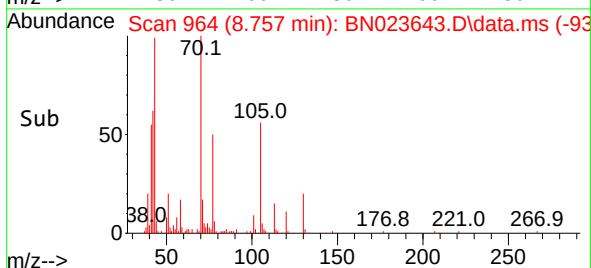
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

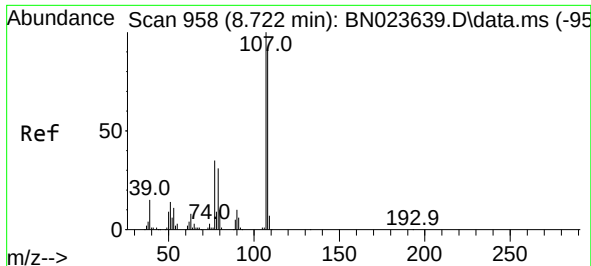


#17
N-Nitroso-di-n-propylamine
Concen: 4.150 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



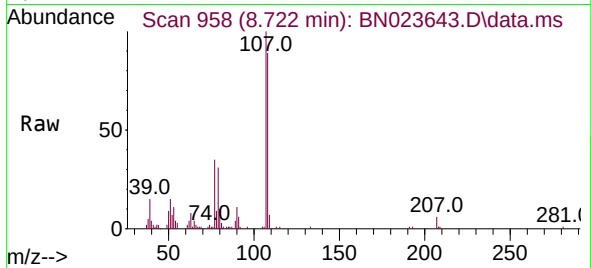
Tgt Ion: 70 Resp: 41779
Ion Ratio Lower Upper
70 100
42 61.9 47.8 71.6
101 9.4 7.8 11.6
130 19.8 16.3 24.5





#18
4-Methylphenol
Concen: 4.066 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

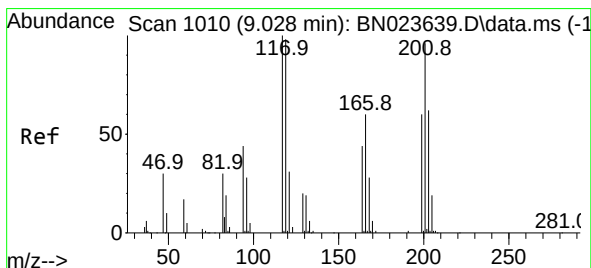
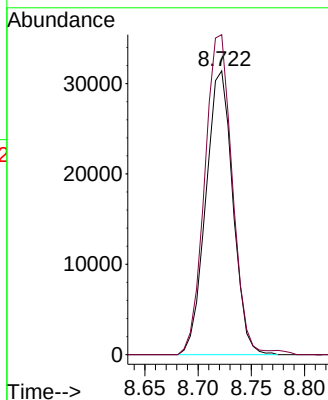
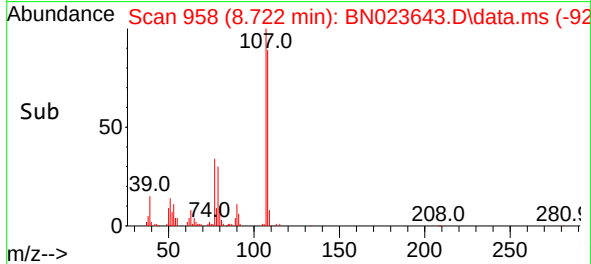
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:108 Resp: 55593
Ion Ratio Lower Upper
108 100
107 112.8 90.7 136.1

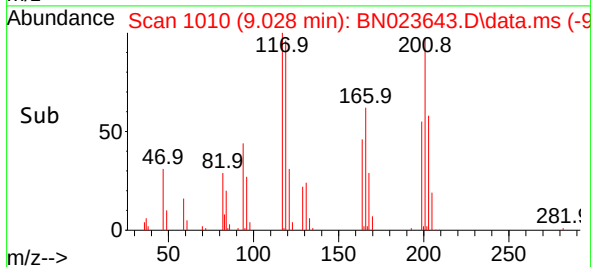
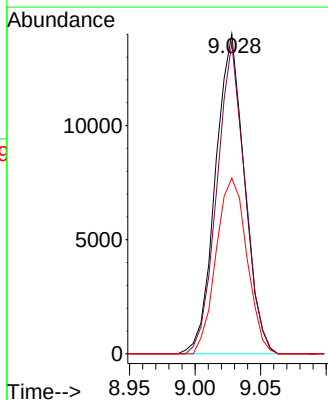
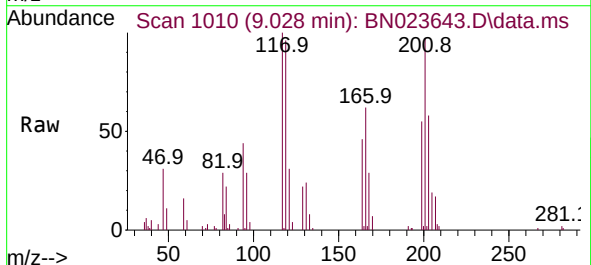
Manual Integrations
APPROVED

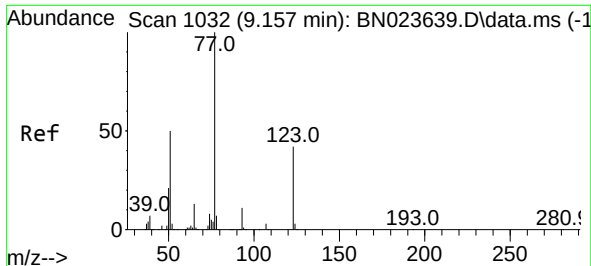
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#19
Hexachloroethane
Concen: 4.207 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Tgt Ion:117 Resp: 21584
Ion Ratio Lower Upper
117 100
201 97.3 76.9 115.3
199 54.9 44.6 67.0





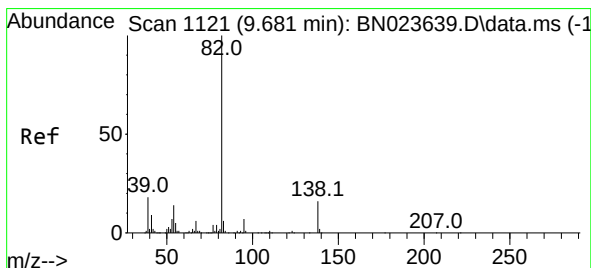
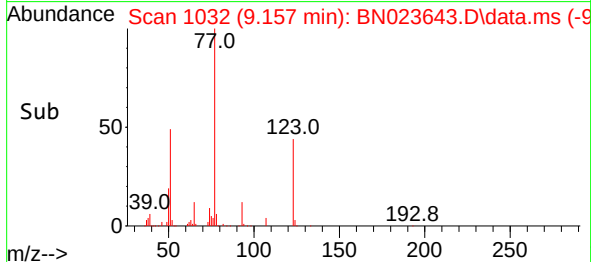
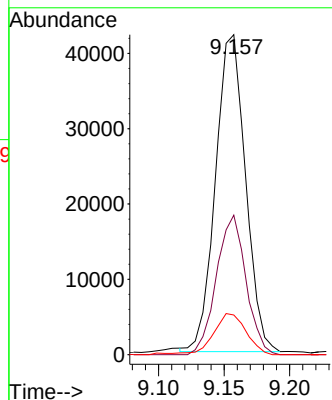
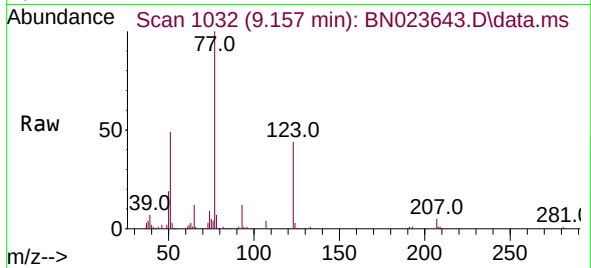
#22
Nitrobenzene
Concen: 4.235 ng/ul
RT: 9.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion: 77 Resp: 67083
Ion Ratio Lower Upper
77 100
123 43.6 35.6 53.4
65 12.4 11.0 16.4

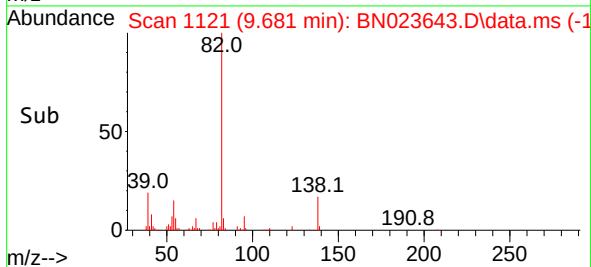
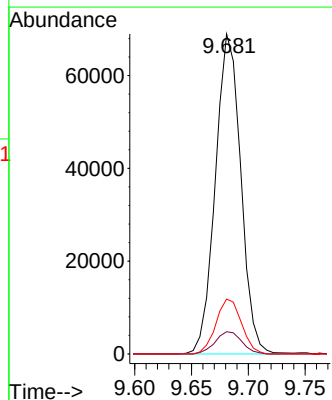
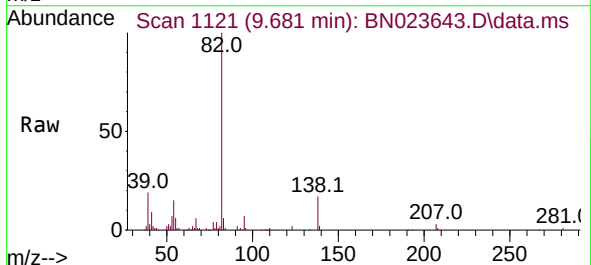
Manual Integrations
APPROVED

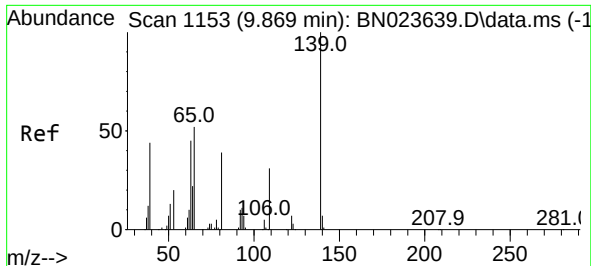
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#23
Isophorone
Concen: 3.745 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 82 Resp: 107309
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.1 13.8 20.8





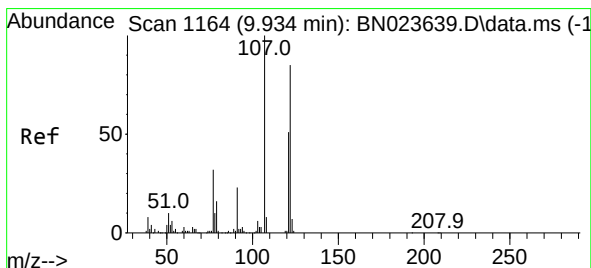
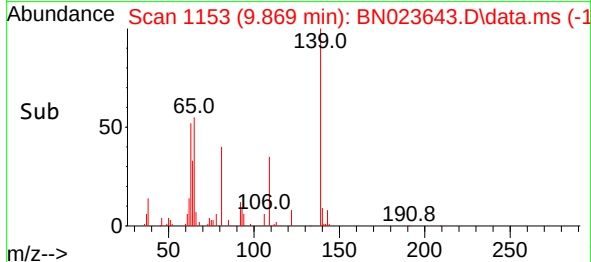
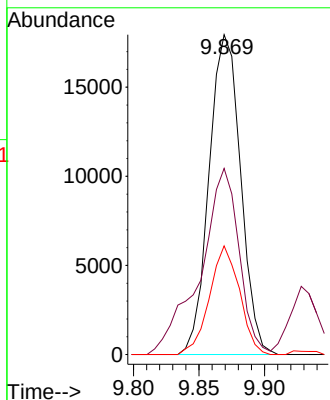
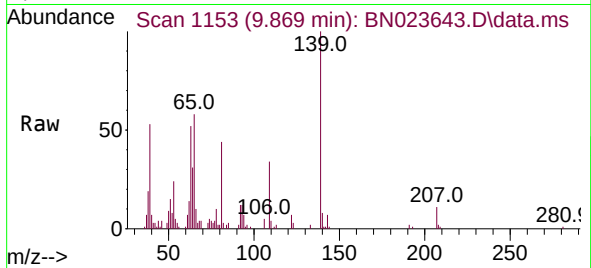
#25
2-Nitrophenol
Concen: 4.043 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion:139 Resp: 30109
Ion Ratio Lower Upper
139 100
65 58.2 40.3 60.5
109 34.0 24.6 37.0

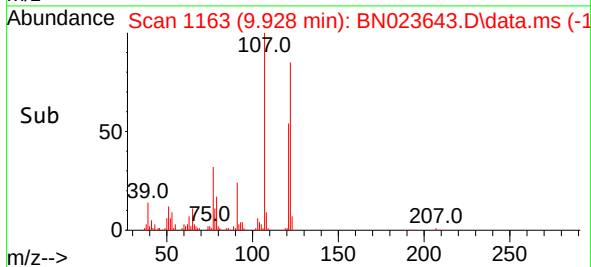
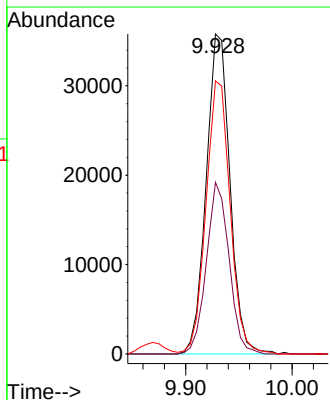
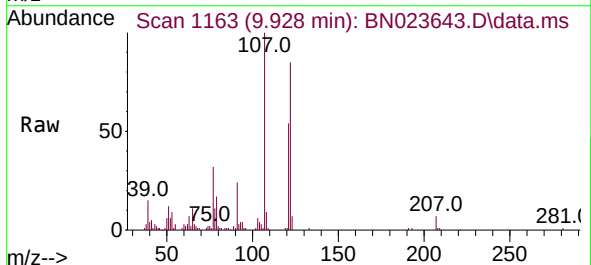
Manual Integrations
APPROVED

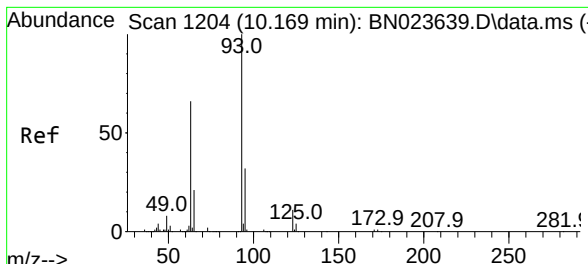
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#26
2,4-Dimethylphenol
Concen: 3.679 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Tgt Ion:107 Resp: 55602
Ion Ratio Lower Upper
107 100
121 53.6 40.4 60.6
122 85.3 67.0 100.4





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.132 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. -0.012 min
 Lab File: BN023643.D
 Acq: 12 Jan 2023 14:03

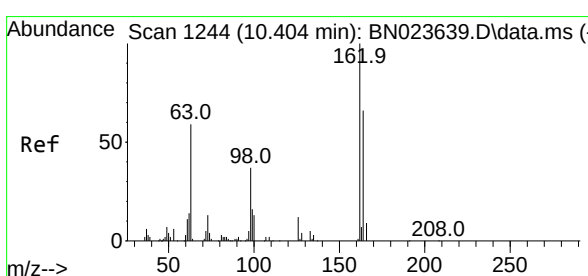
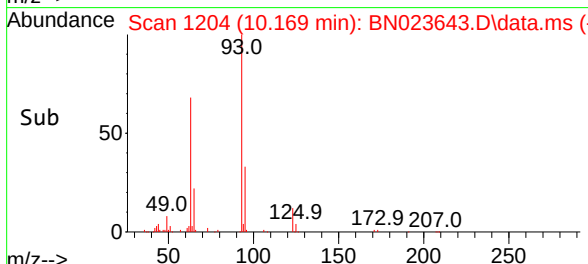
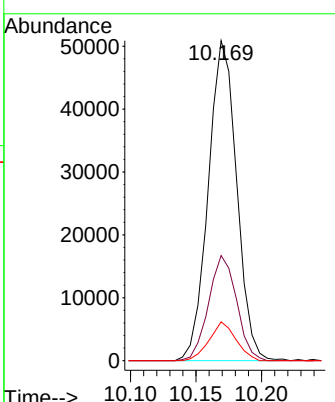
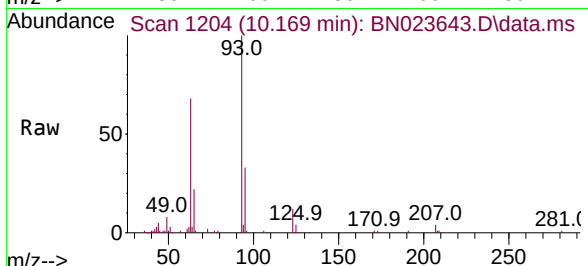
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion: 93 Resp: 76783

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.5	38.3
123	12.1	9.4	14.2

Manual Integrations
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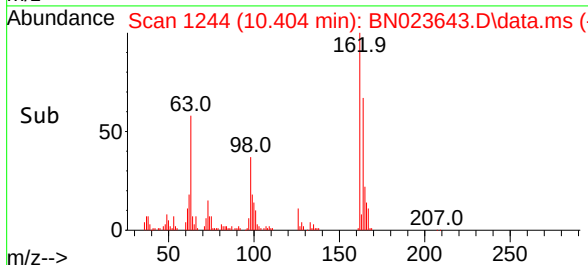
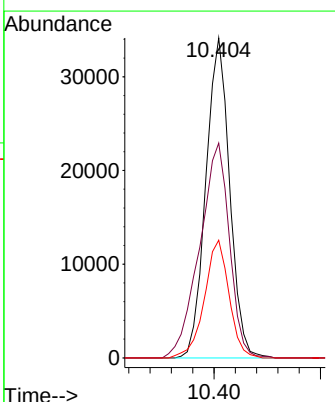
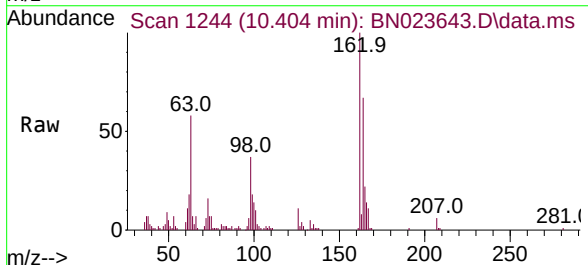
Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

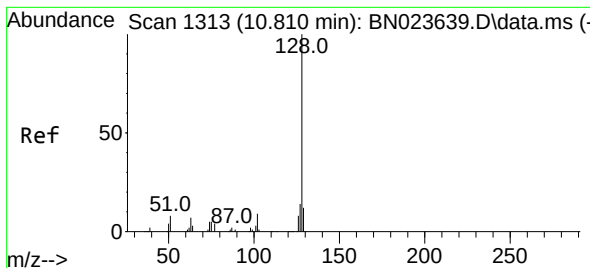


#29
 2,4-Dichlorophenol
 Concen: 4.149 ng/ul
 RT: 10.404 min Scan# 1244
 Delta R.T. -0.012 min
 Lab File: BN023643.D
 Acq: 12 Jan 2023 14:03

Tgt Ion:162 Resp: 53054

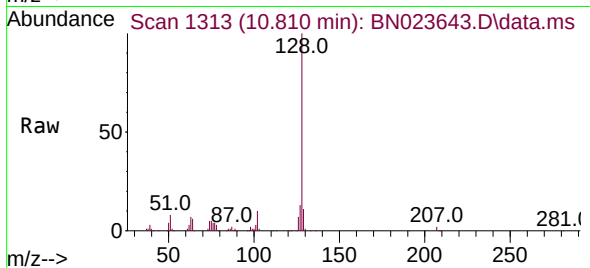
Ion	Ratio	Lower	Upper
162	100		
164	67.1	53.8	80.6
98	36.8	28.8	43.2





#30
Naphthalene
Concen: 4.324 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

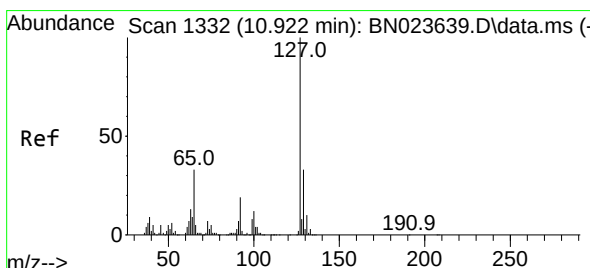
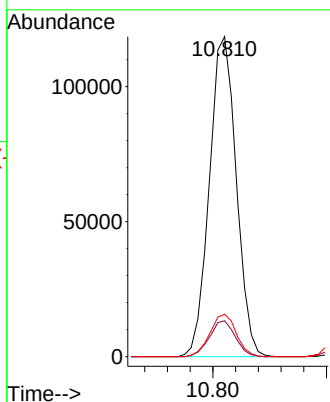
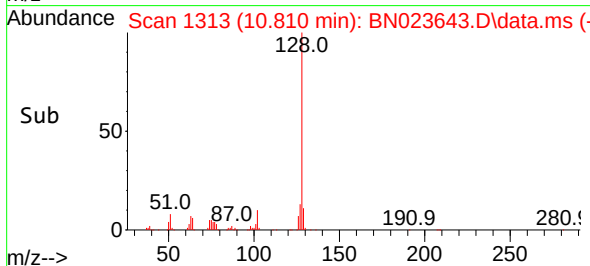
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:128 Resp: 195118
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.8 16.2

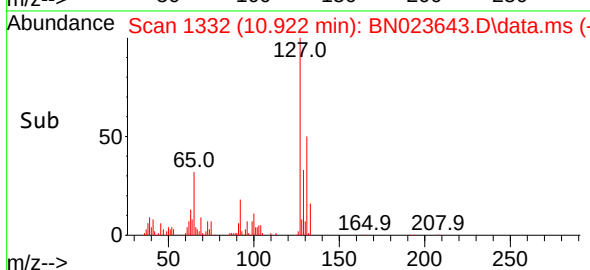
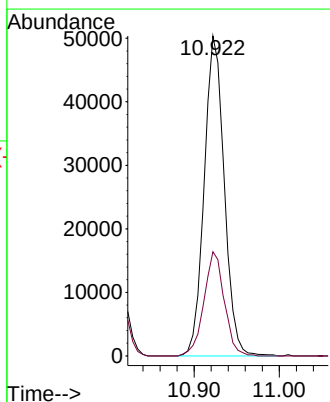
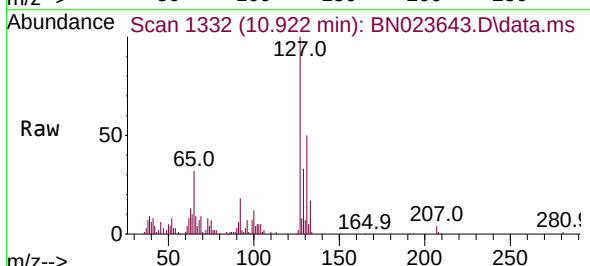
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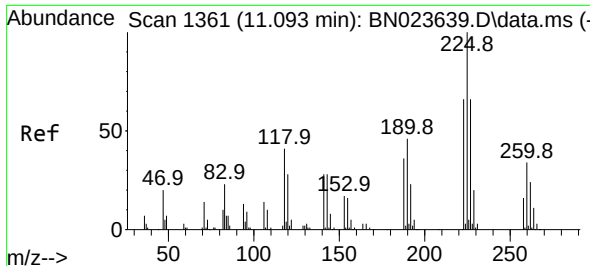
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#32
4-Chloroaniline
Concen: 4.088 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

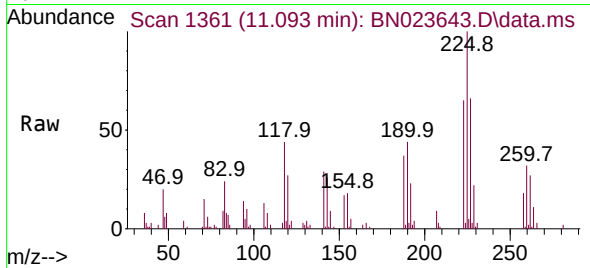
Tgt Ion:127 Resp: 82300
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6





#33
Hexachlorobutadiene
Concen: 4.191 ng/ul
RT: 11.093 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

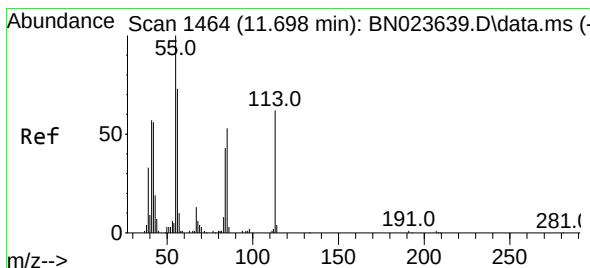
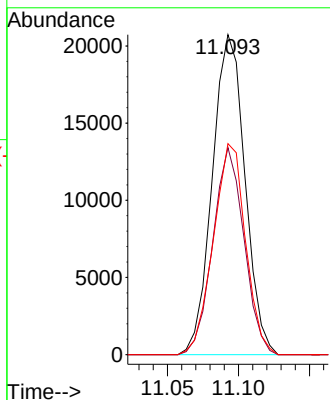
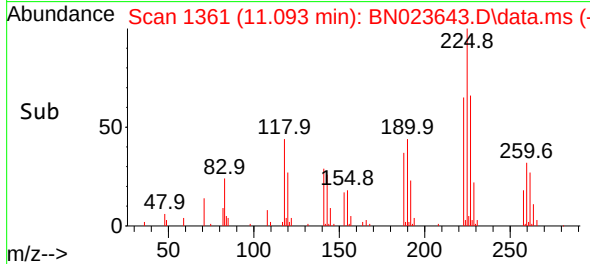
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



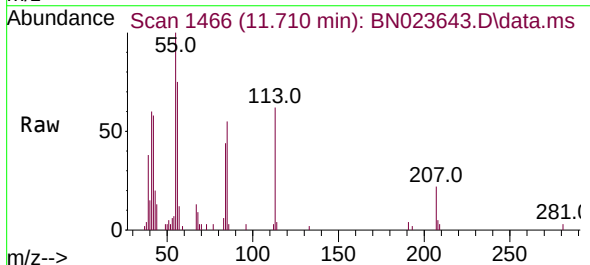
Tgt Ion:225 Resp: 3314
Ion Ratio Lower Upper
225 100
223 64.7 51.7 77.5
227 69.2 50.8 76.2

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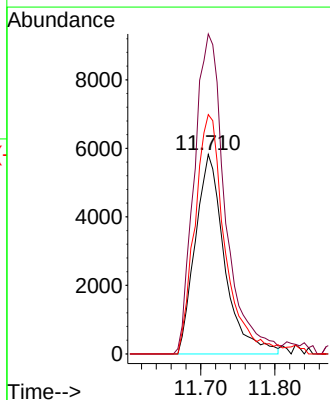
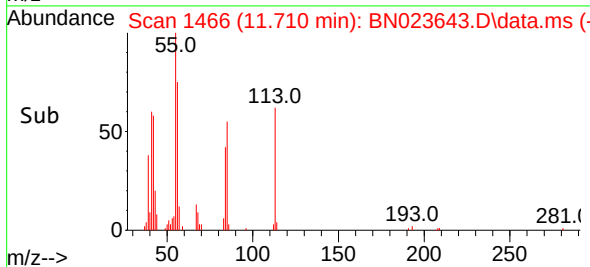
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

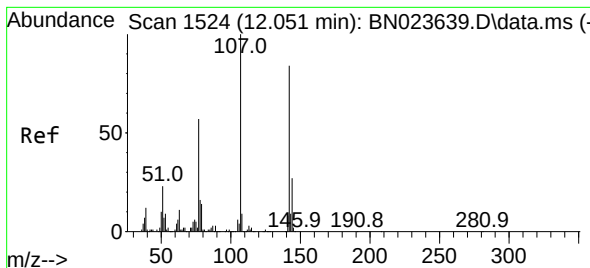


#34
Caprolactam
Concen: 3.727 ng/ul
RT: 11.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



Tgt Ion:113 Resp: 16006
Ion Ratio Lower Upper
113 100
55 160.5 129.1 193.7
56 120.0 94.2 141.4





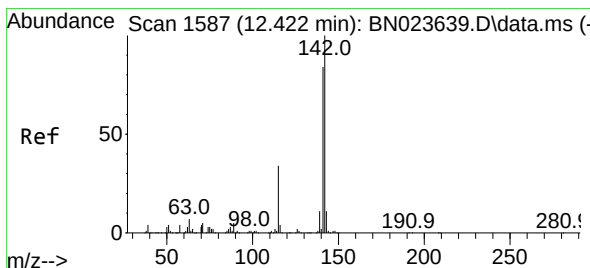
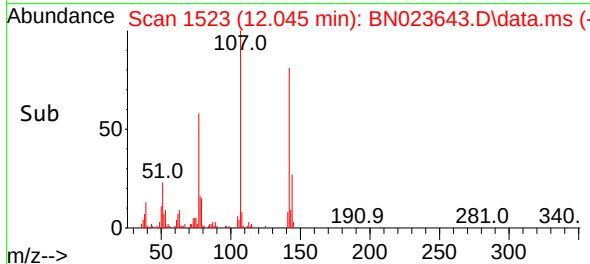
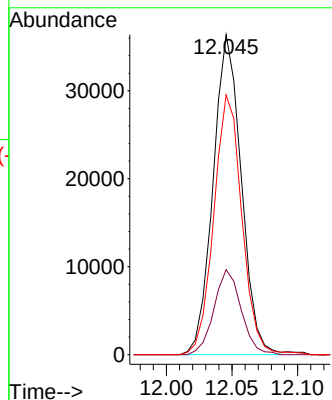
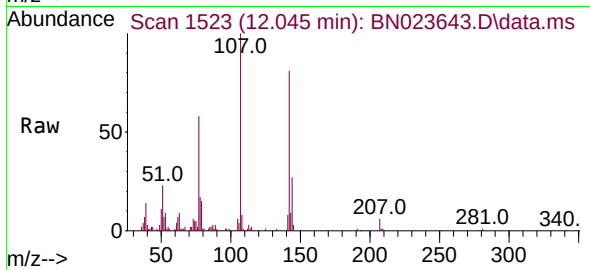
#35
4-Chloro-3-methylphenol
Concen: 3.895 ng/ul
RT: 12.045 min Scan# 1524
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06

Tgt Ion:107 Resp: 54317
Ion Ratio Lower Upper
107 100
144 26.5 21.9 32.9
142 81.1 64.0 96.0

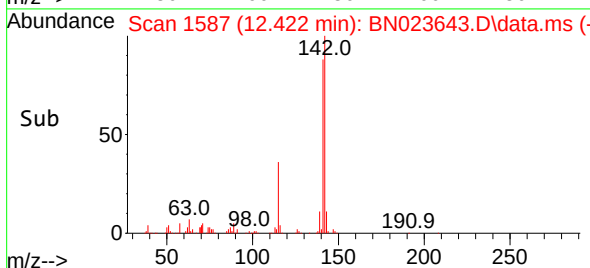
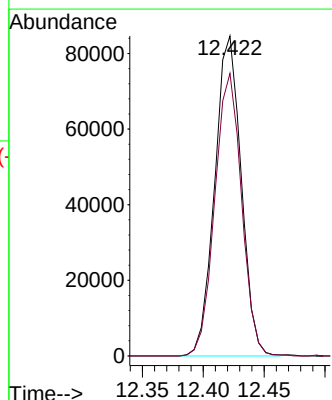
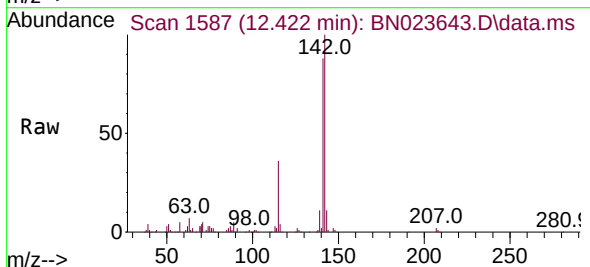
Manual Integrations
APPROVED

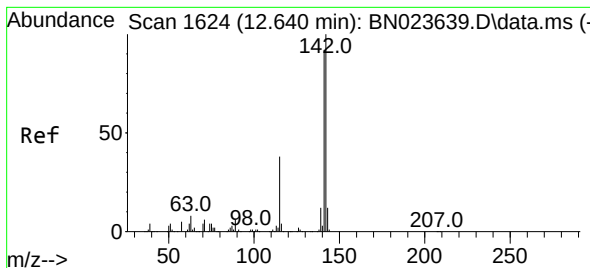
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#36
2-Methylnaphthalene
Concen: 4.247 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Tgt Ion:142 Resp: 127753
Ion Ratio Lower Upper
142 100
141 88.3 73.6 110.4





#37

1-Methylnaphthalene

Concen: 3.844 ng/ul

RT: 12.640 min Scan# 1624

Delta R.T. -0.012 min

Lab File: BN023643.D

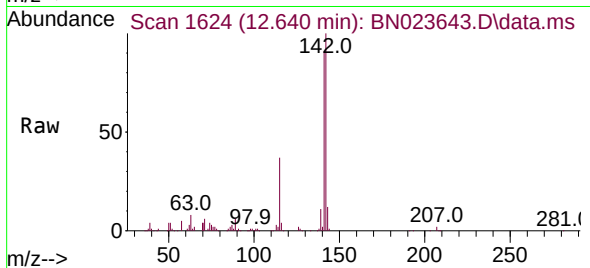
Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06



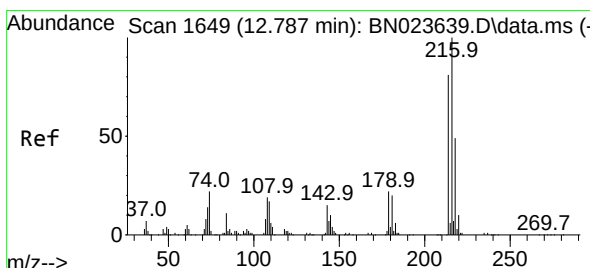
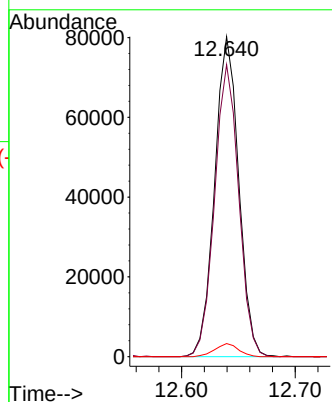
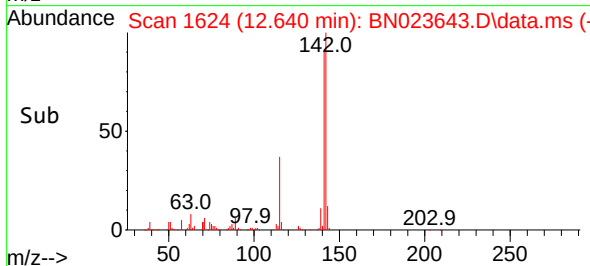
Tgt Ion:142 Resp: 118146

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.8	110.6
116	4.1	3.0	4.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.191 ng/ul

RT: 12.787 min Scan# 1649

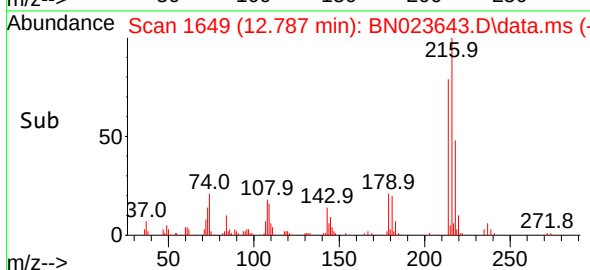
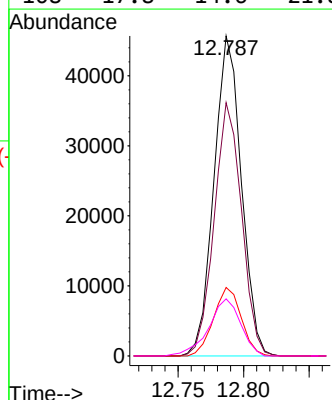
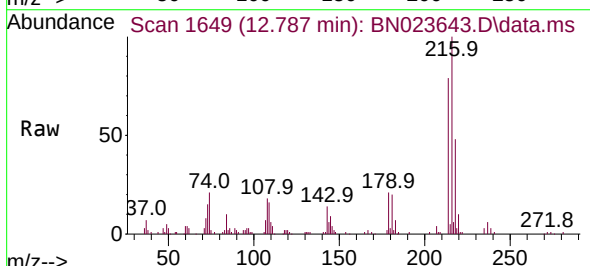
Delta R.T. -0.012 min

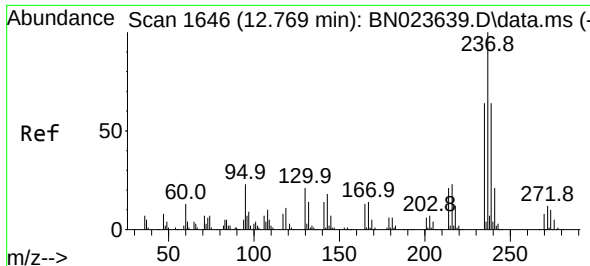
Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Tgt Ion:216 Resp: 66389

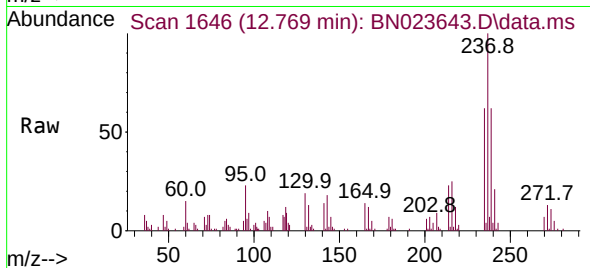
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.4	93.6
179	21.4	16.2	24.2
108	17.8	14.6	21.8





#40
Hexachlorocyclopentadiene
Concen: 3.583 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

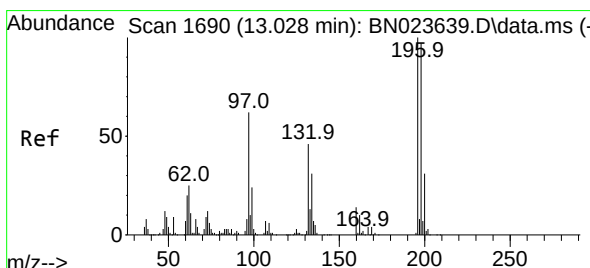
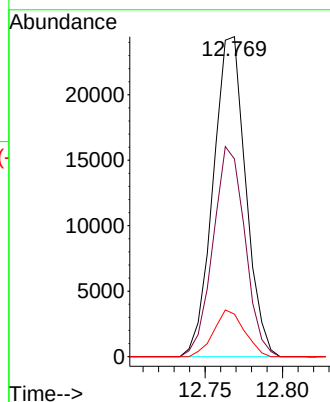
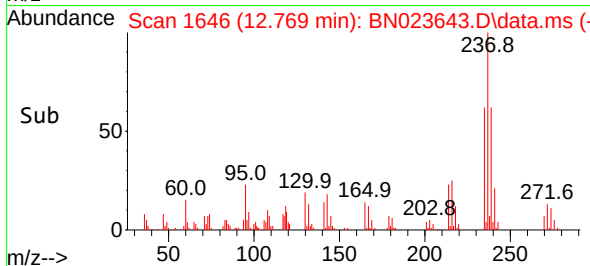
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:237 Resp: 35774
Ion Ratio Lower Upper
237 100
235 61.8 51.0 76.4
272 13.3 9.8 14.8

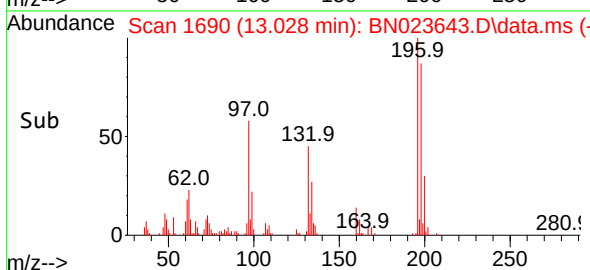
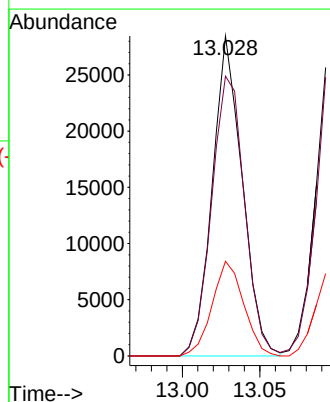
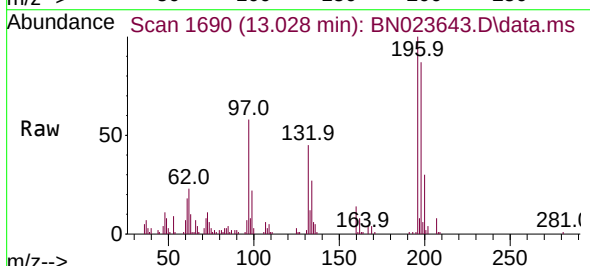
Manual Integrations
APPROVED

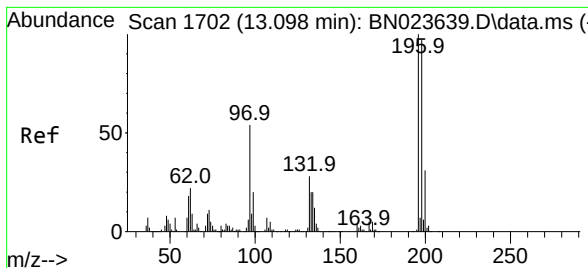
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#41
2,4,6-Trichlorophenol
Concen: 3.664 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

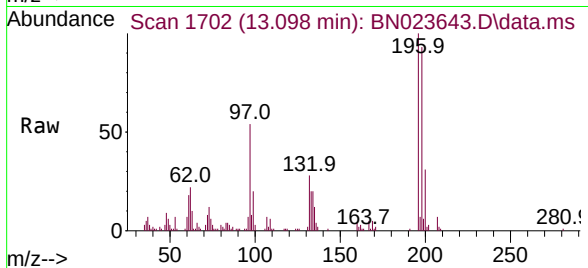
Tgt Ion:196 Resp: 38261
Ion Ratio Lower Upper
196 100
198 87.4 71.4 107.0
200 31.9 22.5 33.7





#42
2,4,5-Trichlorophenol
Concen: 3.836 ng/ul
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

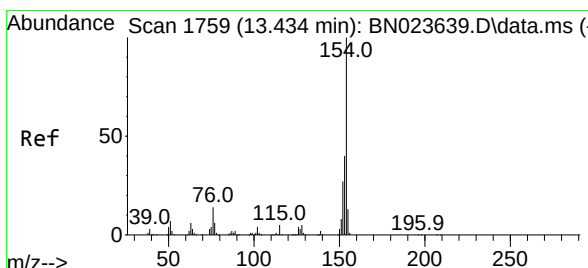
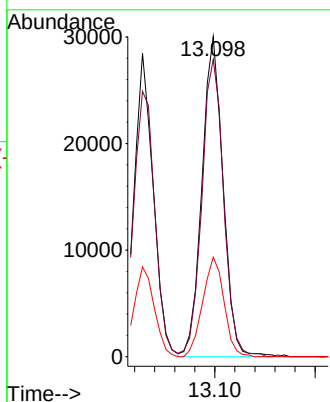
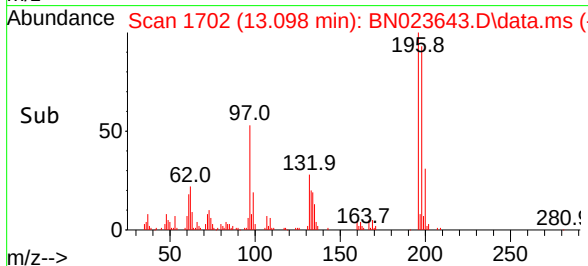
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:196 Resp: 43796
Ion Ratio Lower Upper
196 100
198 92.8 68.1 102.1
200 31.1 24.1 36.1

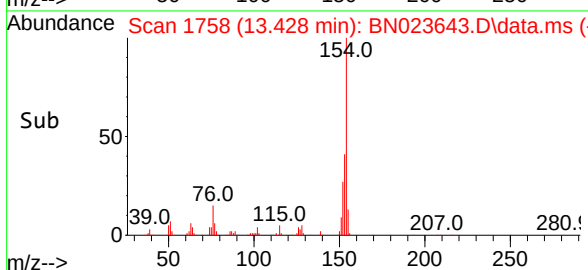
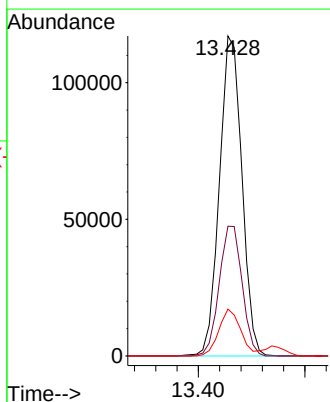
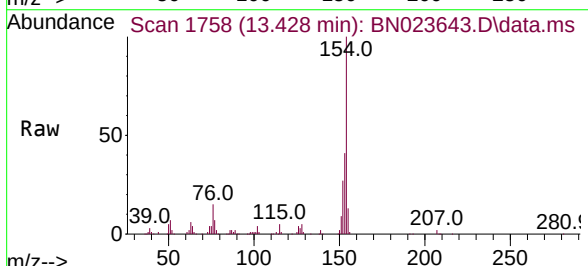
Manual Integrations
APPROVED

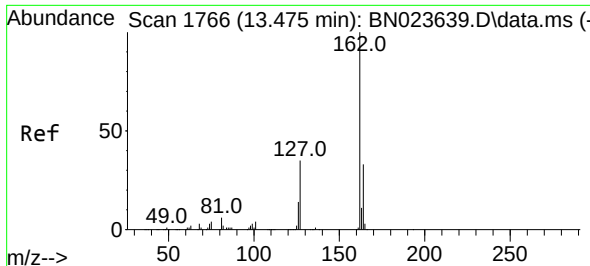
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#43
1,1'-Biphenyl
Concen: 4.156 ng/ul
RT: 13.428 min Scan# 1758
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

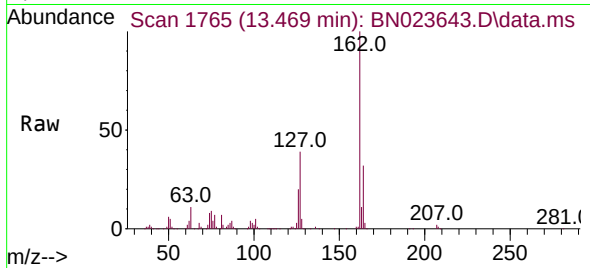
Tgt Ion:154 Resp: 171716
Ion Ratio Lower Upper
154 100
153 40.5 32.5 48.7
76 14.6 11.0 16.6





#44
2-Chloronaphthalene
Concen: 4.267 ng/ul
RT: 13.469 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

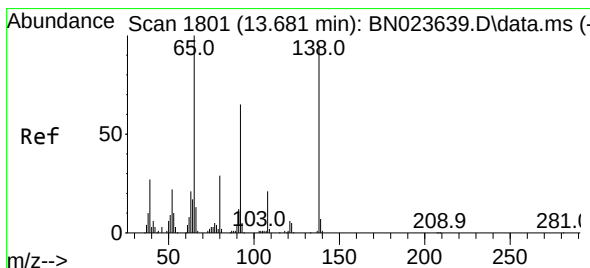
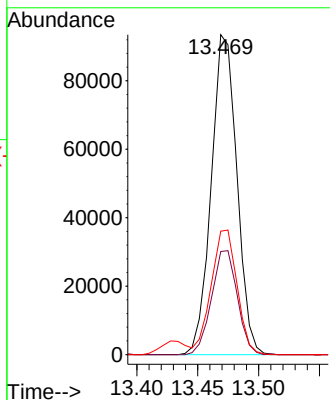
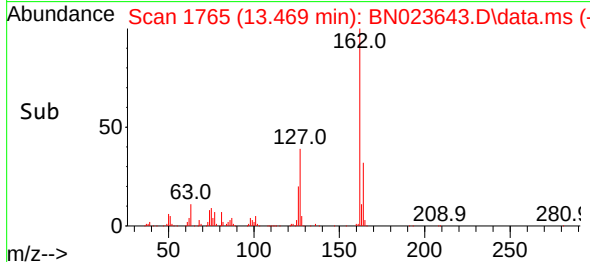
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:162 Resp: 136783
Ion Ratio Lower Upper
162 100
164 32.2 26.2 39.2
127 38.6 31.8 47.8

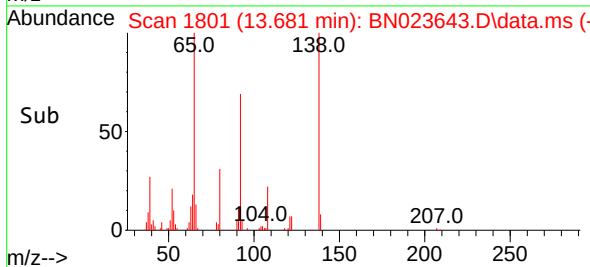
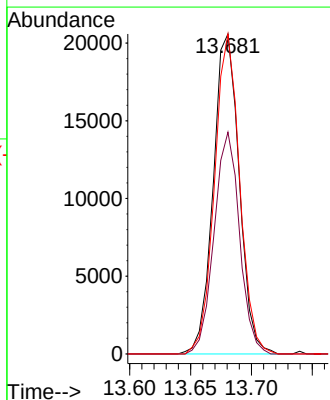
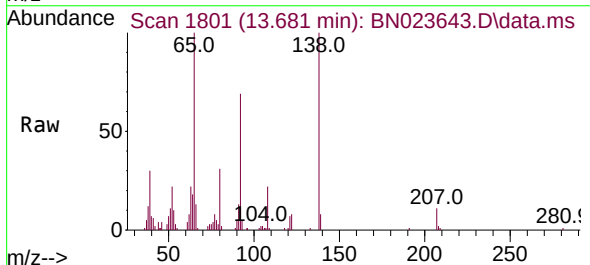
Manual Integrations
APPROVED

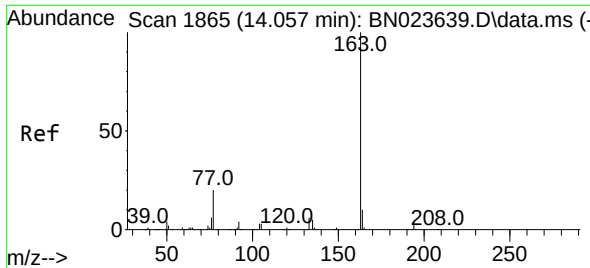
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#45
2-Nitroaniline
Concen: 3.452 ng/ul
RT: 13.681 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

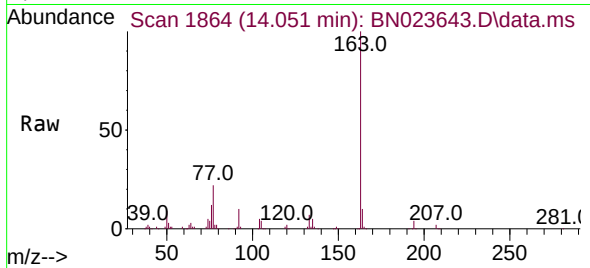
Tgt Ion: 65 Resp: 30513
Ion Ratio Lower Upper
65 100
92 69.3 53.5 80.3
138 99.9 84.0 126.0





#47
Dimethylphthalate
Concen: 4.092 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

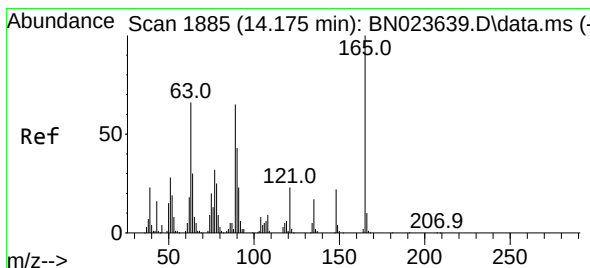
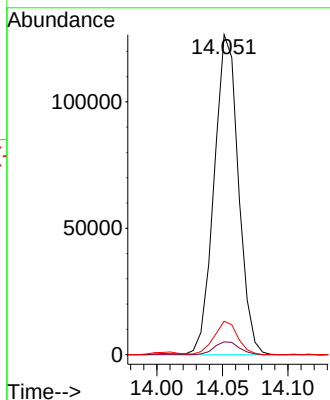
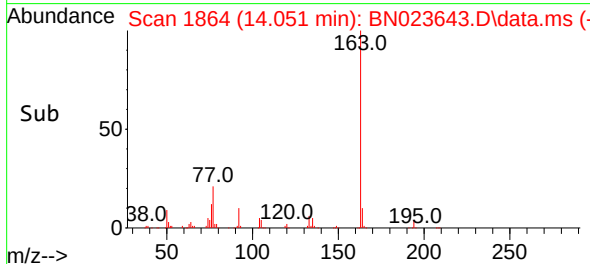
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:163 Resp: 163835
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 7.9 11.9

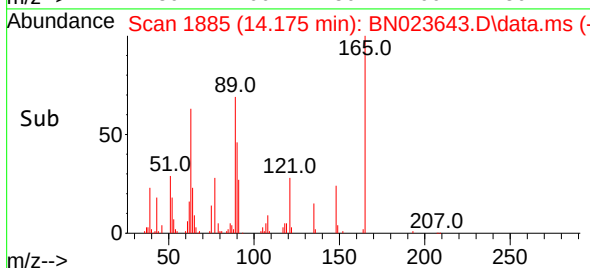
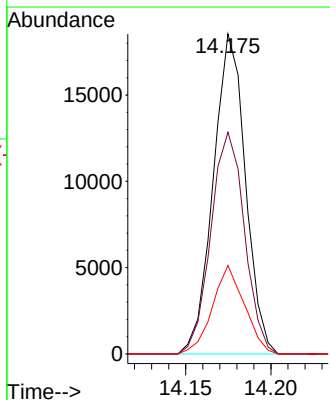
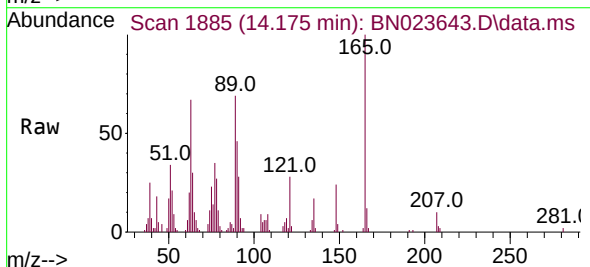
Manual Integrations
APPROVED

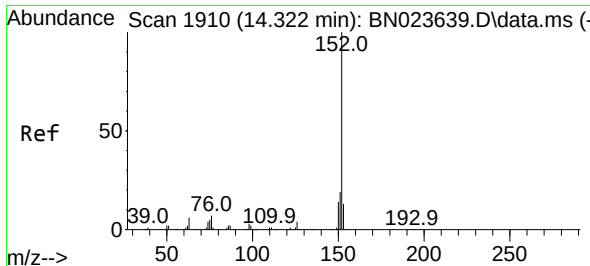
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#48
2,6-Dinitrotoluene
Concen: 3.214 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

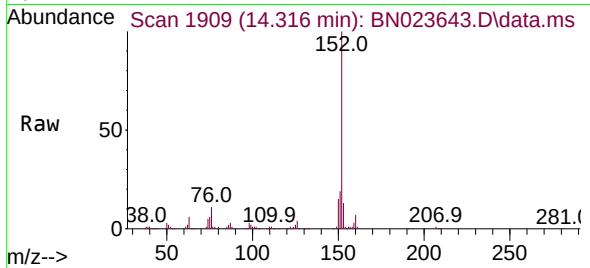
Tgt Ion:165 Resp: 24323
Ion Ratio Lower Upper
165 100
89 69.3 49.9 74.9
121 27.6 19.1 28.7





#50
Acenaphthylene
Concen: 4.245 ng/ul
RT: 14.316 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

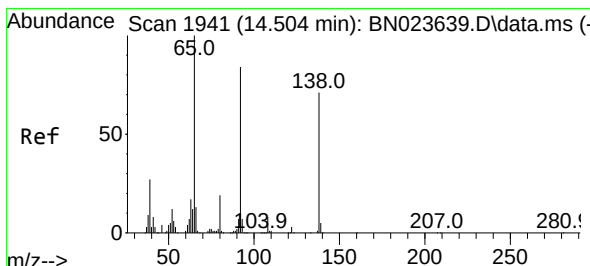
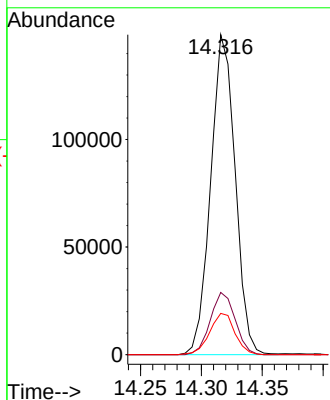
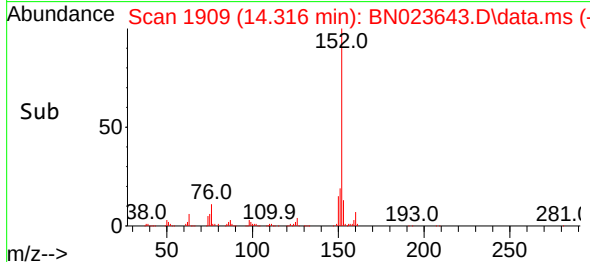
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:152 Resp: 208334
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.9 10.2 15.4

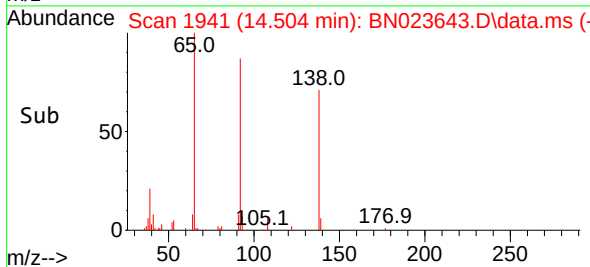
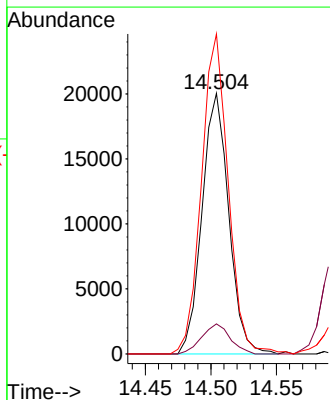
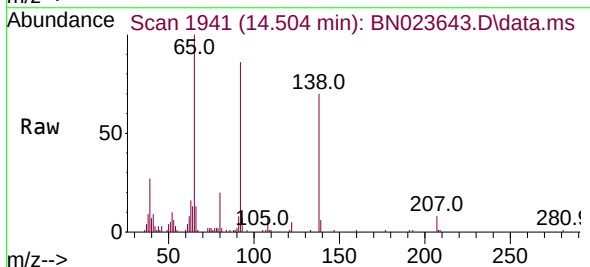
Manual Integrations
APPROVED

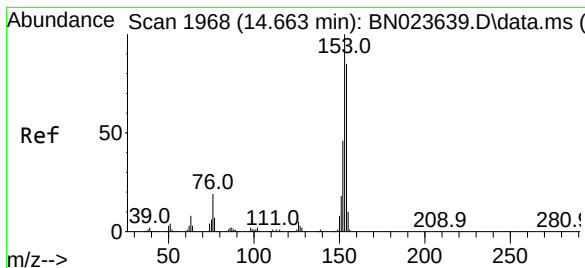
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#51
3-Nitroaniline
Concen: 3.748 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

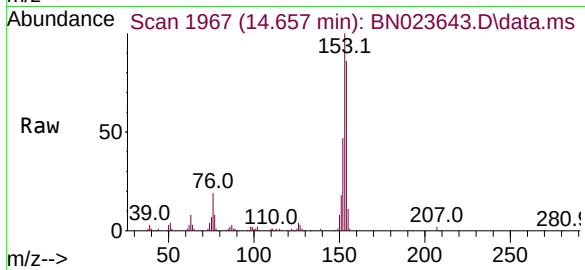
Tgt Ion:138 Resp: 28427
Ion Ratio Lower Upper
138 100
108 11.5 8.1 12.1
92 122.8 93.2 139.8





#52
Acenaphthene
Concen: 4.242 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

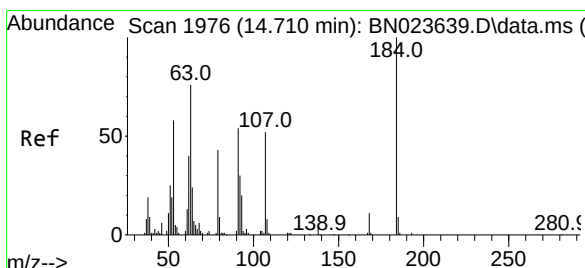
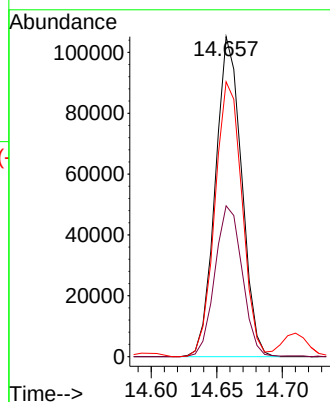
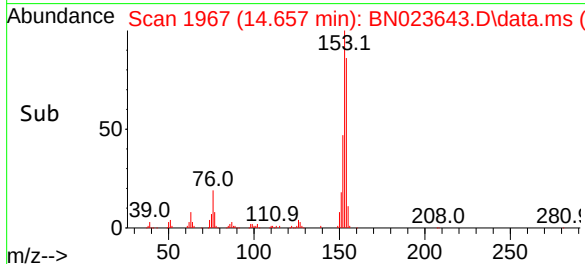
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:153 Resp: 146779
Ion Ratio Lower Upper
153 100
152 47.1 38.5 57.7
154 85.9 71.5 107.3

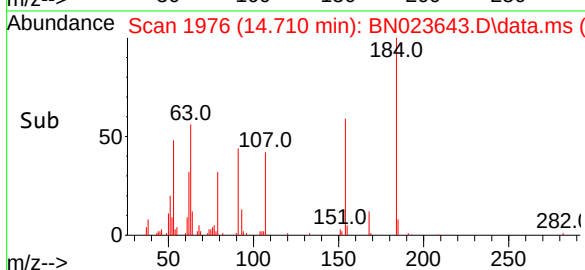
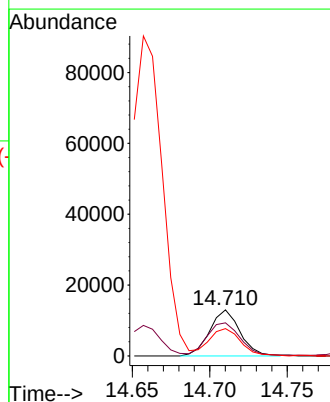
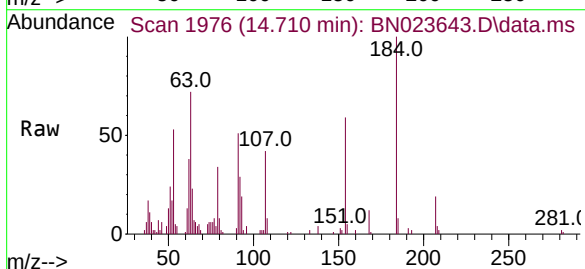
Manual Integrations
APPROVED

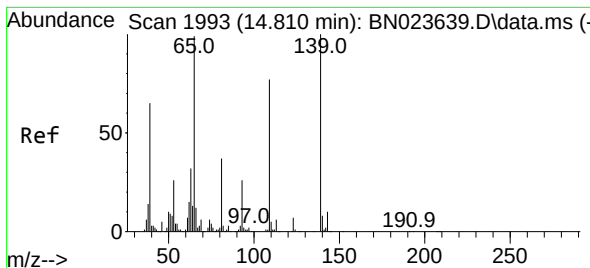
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#53
2,4-Dinitrophenol
Concen: 3.569 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

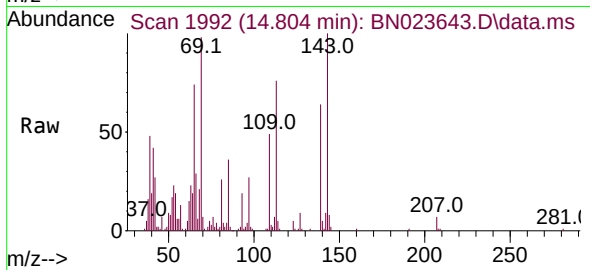
Tgt Ion:184 Resp: 17656
Ion Ratio Lower Upper
184 100
63 71.8 58.2 87.4
154 59.1 49.4 74.0





#55
4-Nitrophenol
Concen: 3.942 ng/ul
RT: 14.804 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

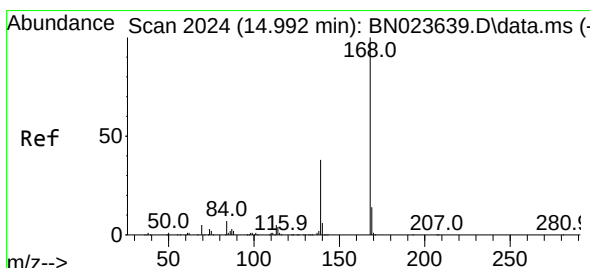
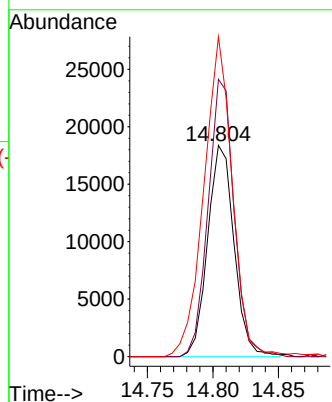
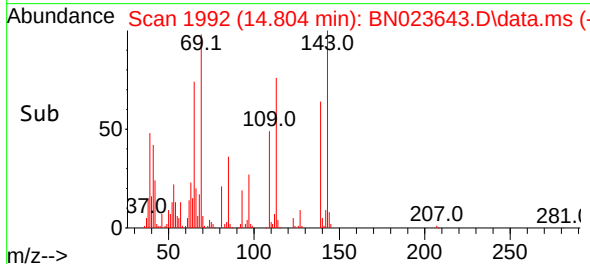
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:109 Resp: 25820
Ion Ratio Lower Upper
109 100
139 131.3 104.8 157.2
65 151.4 107.3 160.9

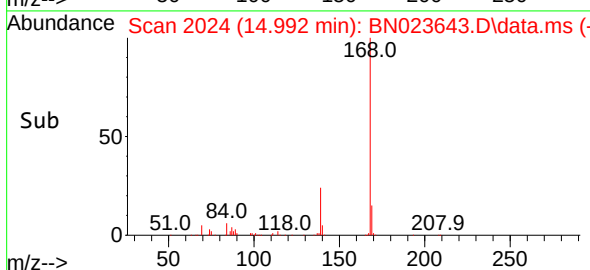
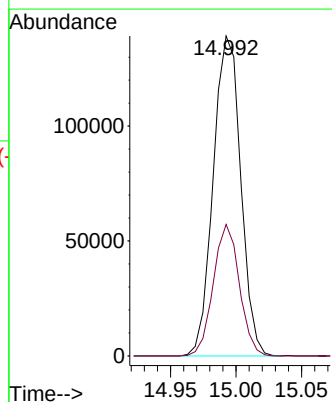
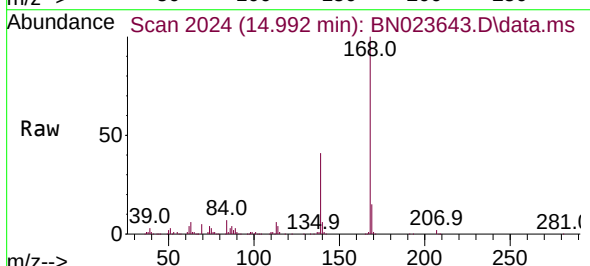
Manual Integrations
APPROVED

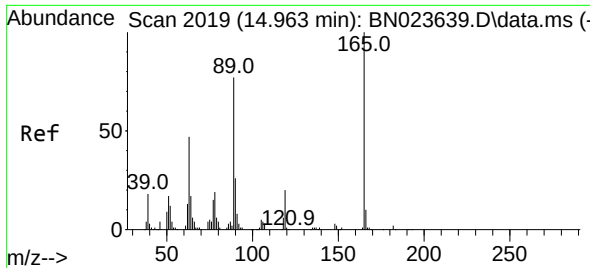
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#56
Dibenzofuran
Concen: 4.214 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

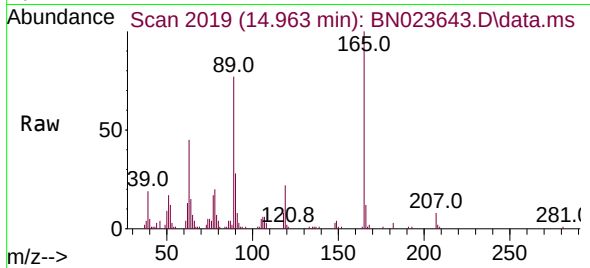
Tgt Ion:168 Resp: 202964
Ion Ratio Lower Upper
168 100
139 41.1 29.6 44.4





#57
2,4-Dinitrotoluene
Concen: 3.542 ng/ul
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

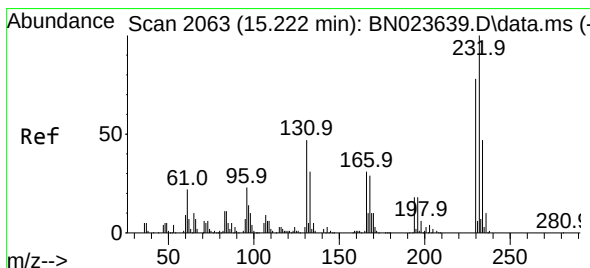
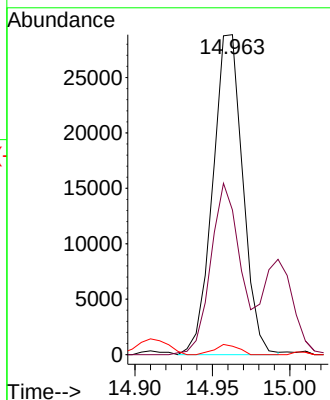
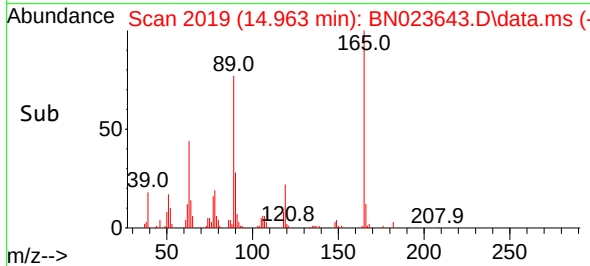
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



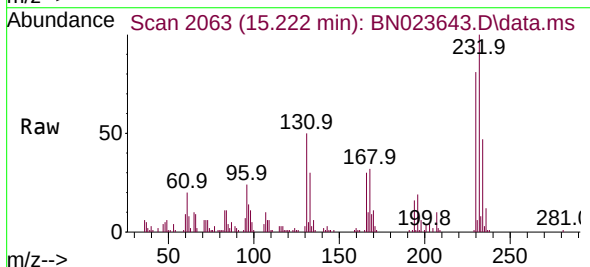
Tgt Ion:165 Resp: 3913
Ion Ratio Lower Upper
165 100
63 45.2 37.2 55.8
182 2.6 2.2 3.2

Manual Integrations
APPROVED

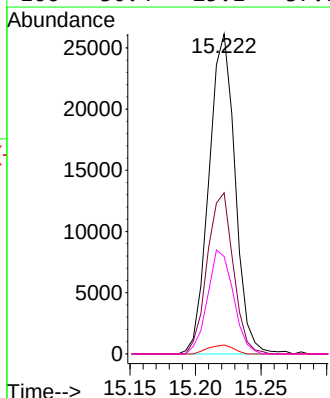
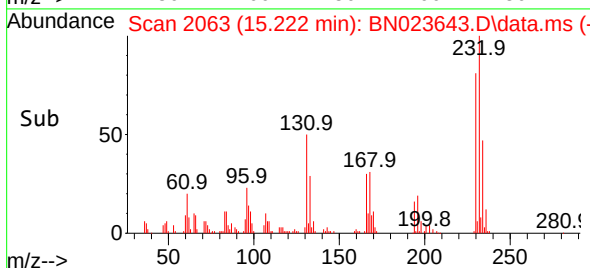
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

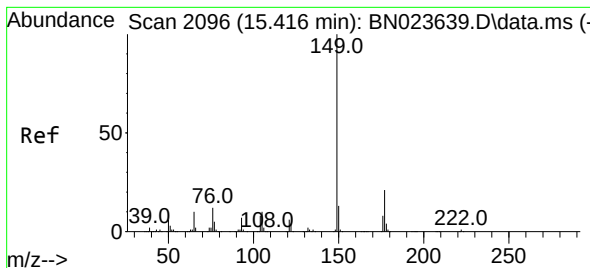


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.712 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



Tgt Ion:232 Resp: 36323
Ion Ratio Lower Upper
232 100
131 50.3 39.5 59.3
130 2.8 2.2 3.4
166 30.4 25.1 37.7





#59

Diethylphthalate

Concen: 3.858 ng/ul

RT: 15.416 min Scan# 2096

Delta R.T. -0.012 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06

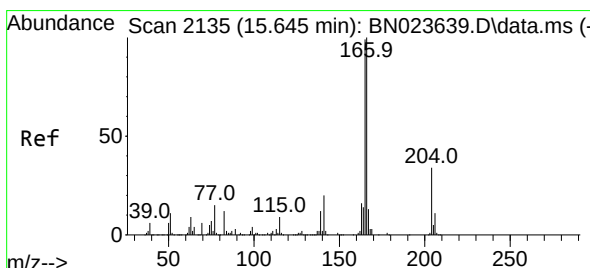
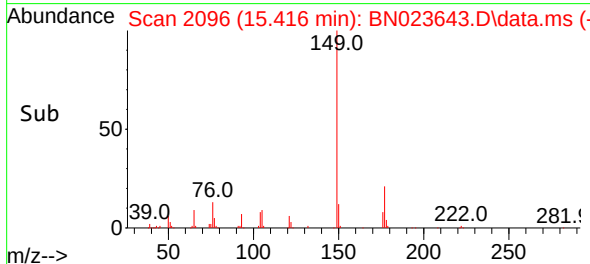
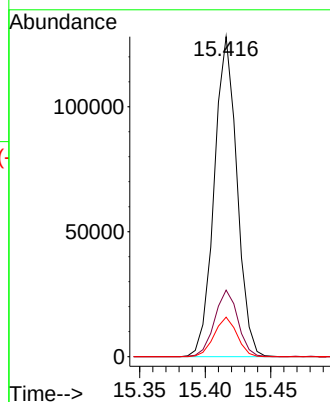
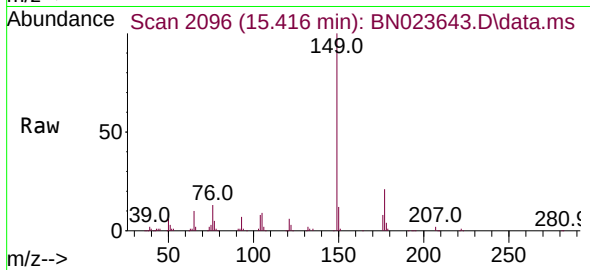
Tgt Ion:149 Resp: 15472

Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.9	26.9
150	12.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#61

Fluorene

Concen: 4.302 ng/ul

RT: 15.645 min Scan# 2135

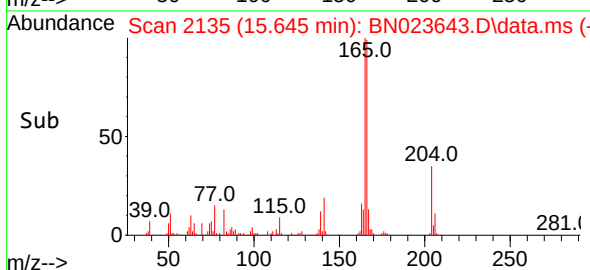
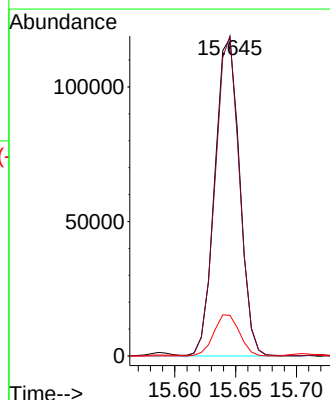
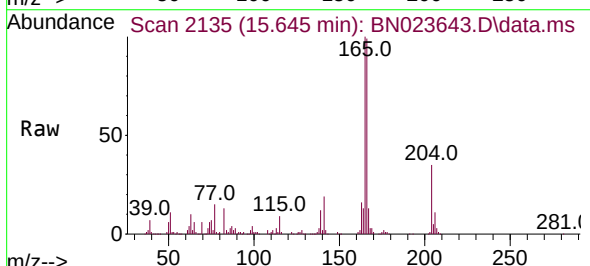
Delta R.T. -0.006 min

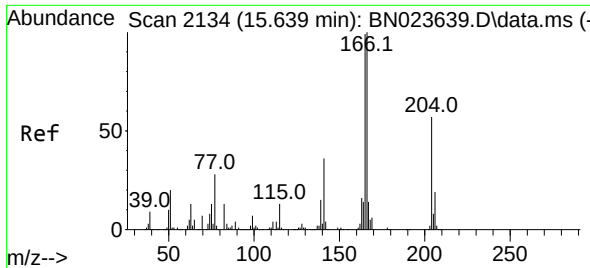
Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Tgt Ion:166 Resp: 167791

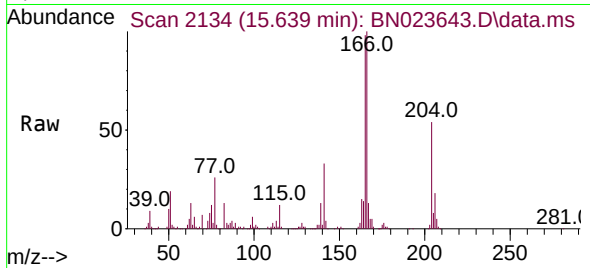
Ion	Ratio	Lower	Upper
166	100		
165	100.8	77.8	116.6
167	12.8	10.4	15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.260 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

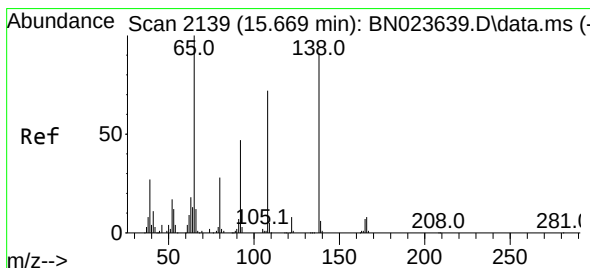
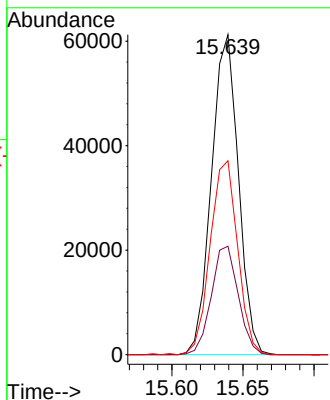
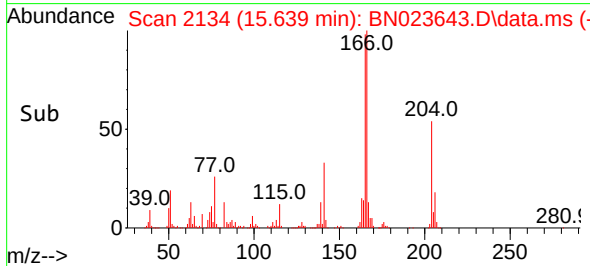
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



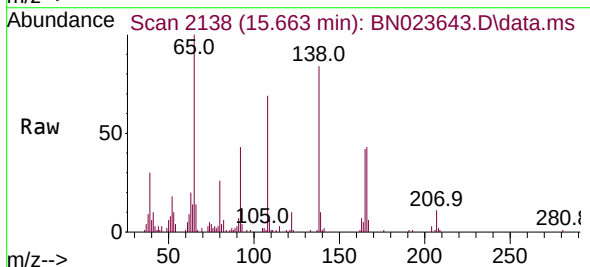
Tgt Ion:204 Resp: 80898
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.6
141 60.6 51.0 76.4

Manual Integrations
APPROVED

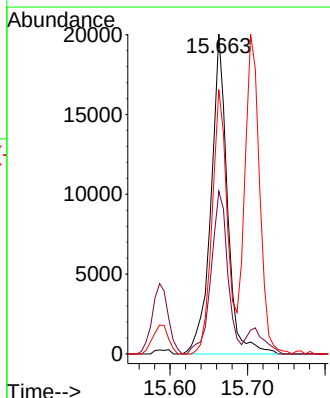
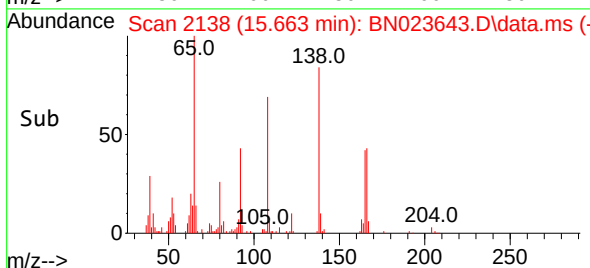
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

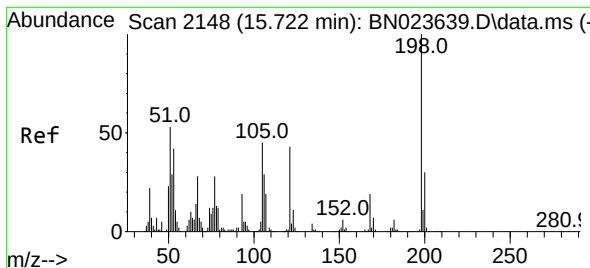


#63
4-Nitroaniline
Concen: 4.211 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



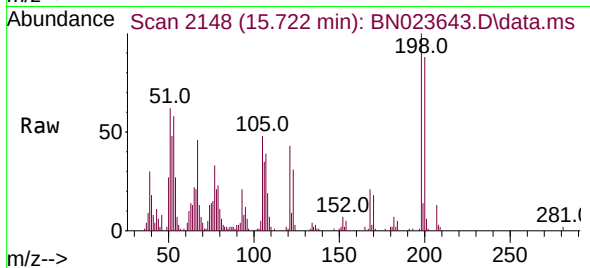
Tgt Ion:138 Resp: 29403
Ion Ratio Lower Upper
138 100
92 50.8 41.3 61.9
108 82.6 64.2 96.2





#66
4,6-Dinitro-2-methylphenol
Concen: 4.215 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

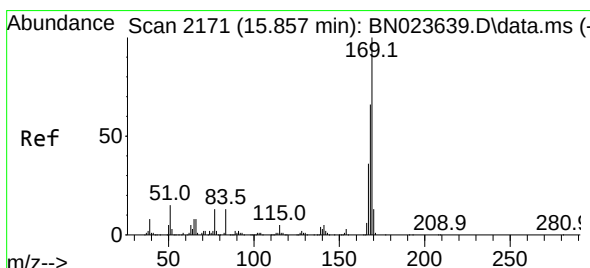
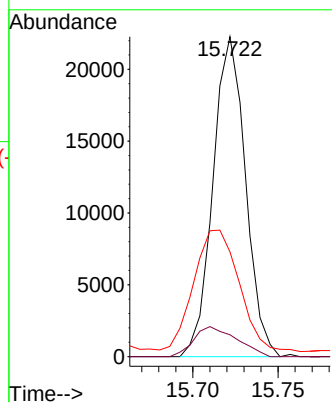
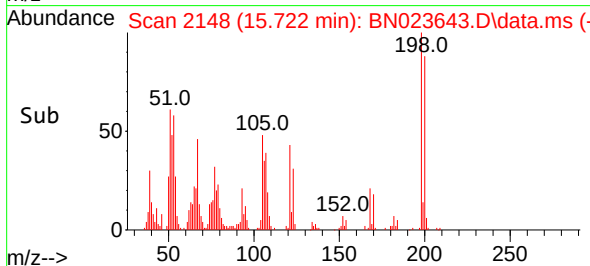
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion:198 Resp: 29570
Ion Ratio Lower Upper
198 100
182 6.8 3.6 5.4
77 32.7 21.2 31.8

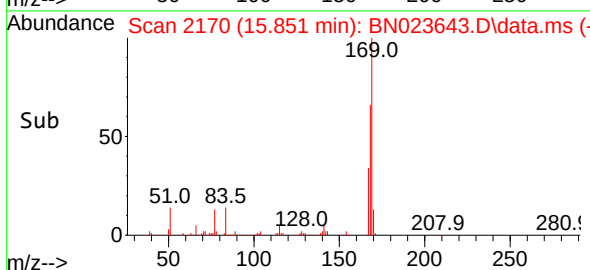
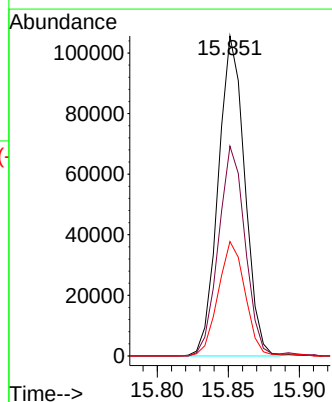
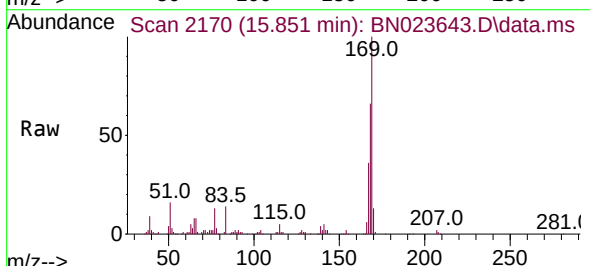
Manual Integrations
APPROVED

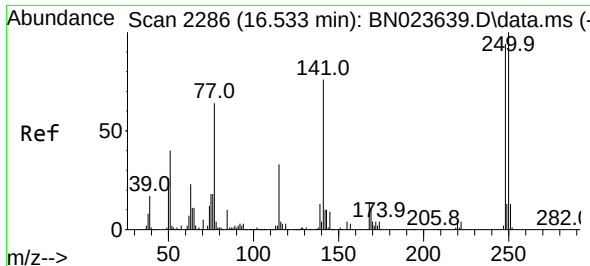
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#67
N-Nitrosodiphenylamine
Concen: 4.137 ng/ul
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

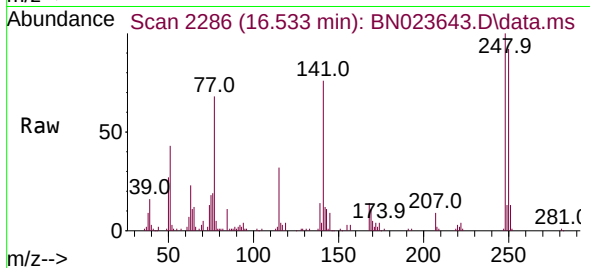
Tgt Ion:169 Resp: 136825
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.2
167 35.7 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 3.967 ng/ul
RT: 16.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

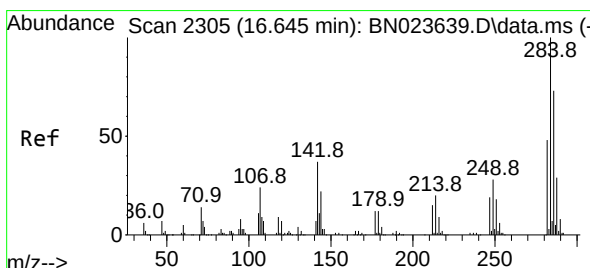
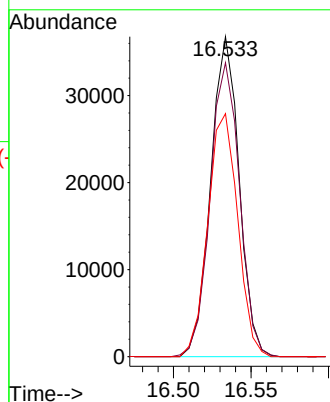
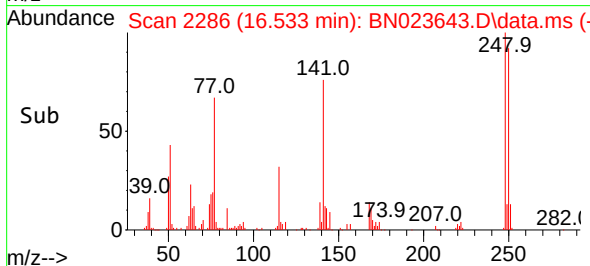
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



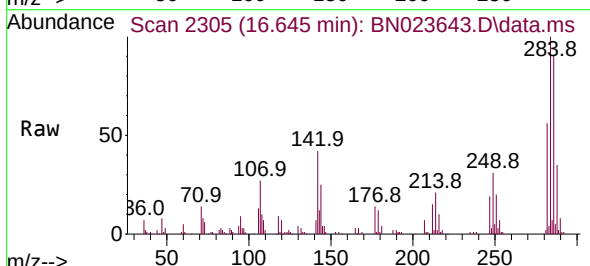
Tgt Ion:248 Resp: 46862
Ion Ratio Lower Upper
248 100
250 91.8 76.4 114.6
141 75.9 58.0 87.0

Manual Integrations
APPROVED

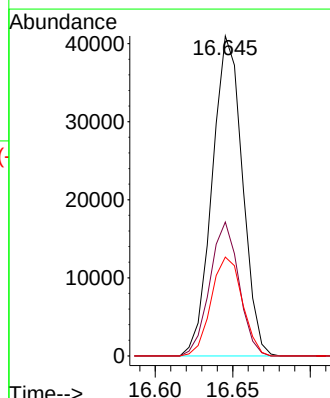
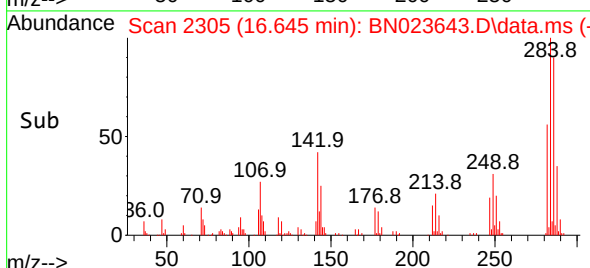
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

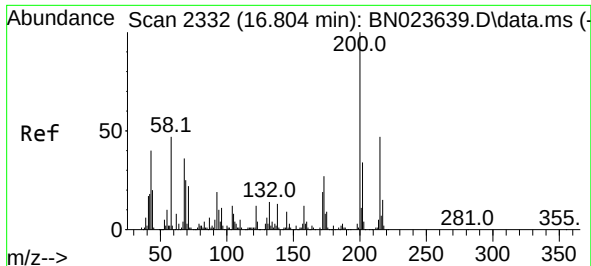


#69
Hexachlorobenzene
Concen: 4.020 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



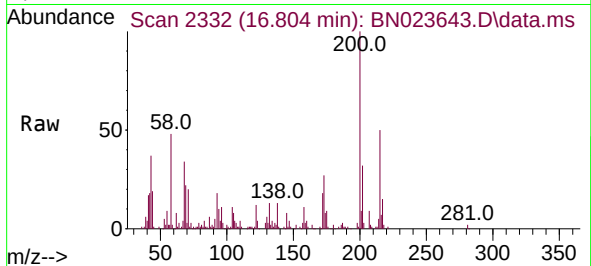
Tgt Ion:284 Resp: 55652
Ion Ratio Lower Upper
284 100
142 41.8 28.9 43.3
249 30.9 24.2 36.2





#70
Atrazine
Concen: 3.837 ng/ul
RT: 16.804 min Scan# 2332
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

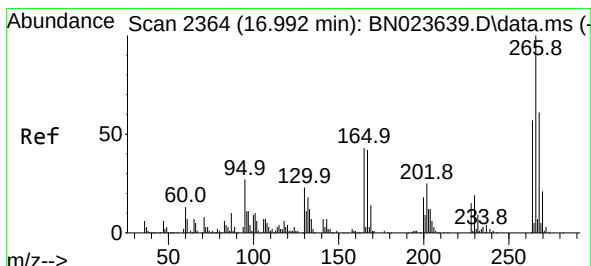
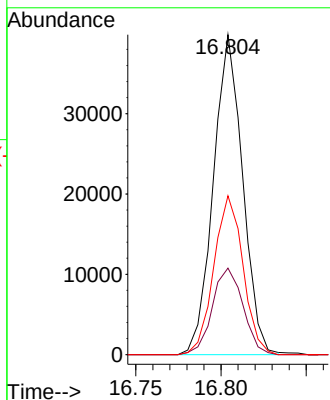
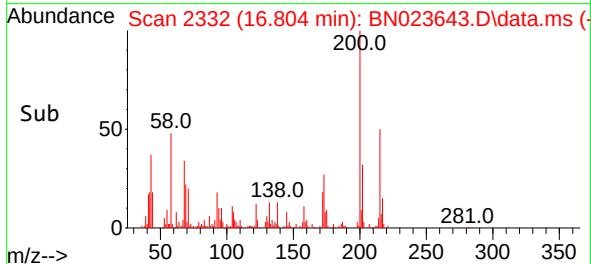
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



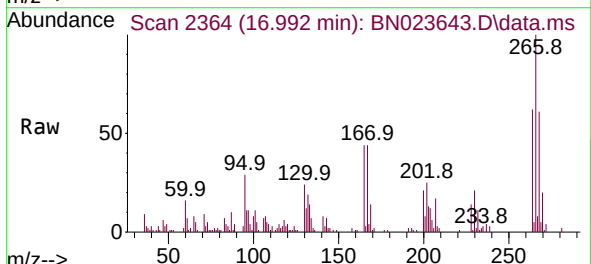
Tgt Ion:200 Resp: 47493
Ion Ratio Lower Upper
200 100
173 27.0 21.4 32.2
215 49.6 39.0 58.6

Manual Integrations
APPROVED

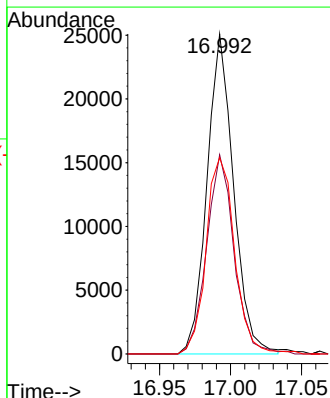
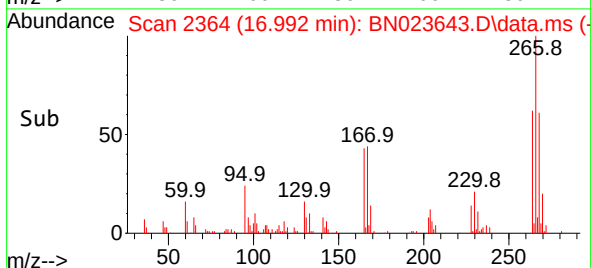
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

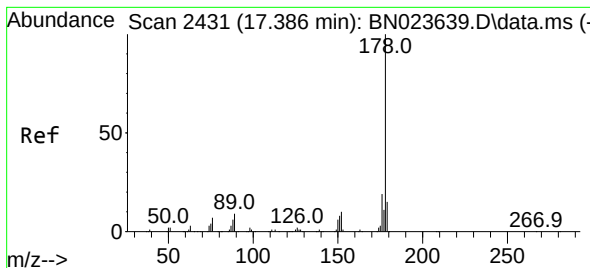


#71
Pentachlorophenol
Concen: 3.698 ng/ul
RT: 16.992 min Scan# 2364
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



Tgt Ion:266 Resp: 32667
Ion Ratio Lower Upper
266 100
264 62.2 51.4 77.0
268 61.3 54.5 81.7





#72

Phenanthrene

Concen: 4.236 ng/ul

RT: 17.386 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06

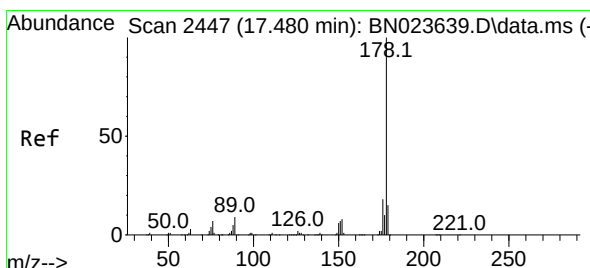
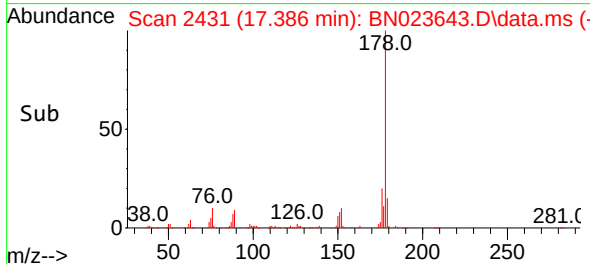
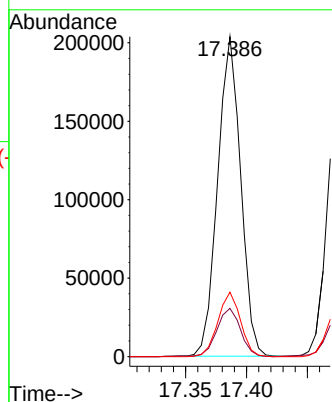
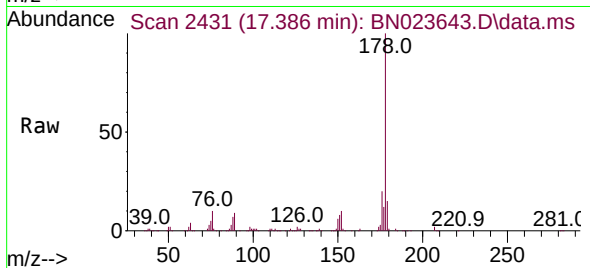
Tgt Ion:178 Resp: 267496

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	20.1	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#74

Anthracene

Concen: 4.210 ng/ul

RT: 17.475 min Scan# 2446

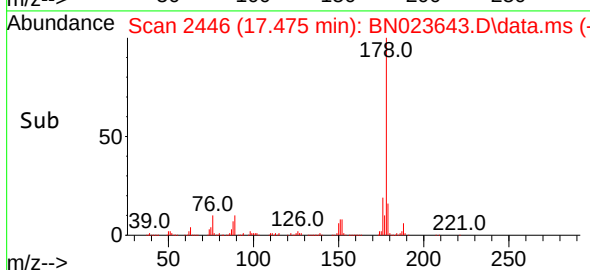
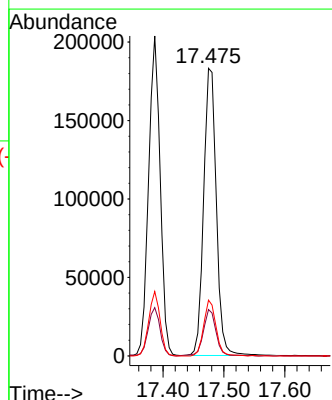
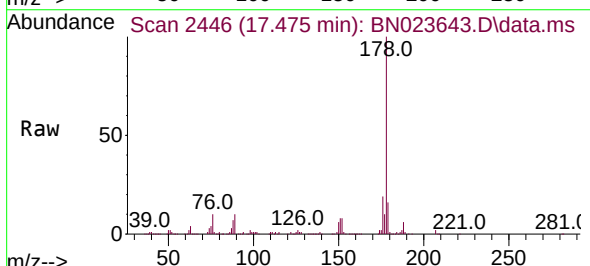
Delta R.T. -0.012 min

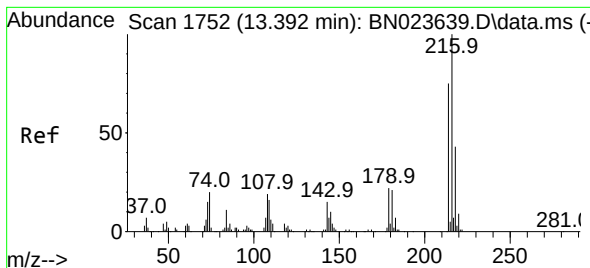
Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Tgt Ion:178 Resp: 264571

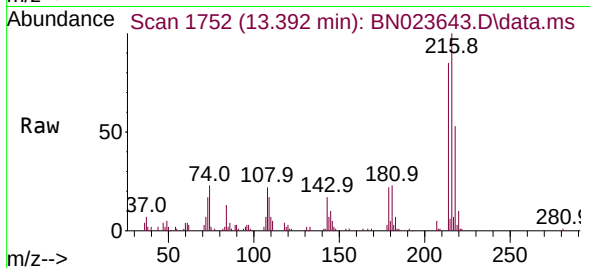
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	19.4	15.1	22.7





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.773 ng/uL
RT: 13.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

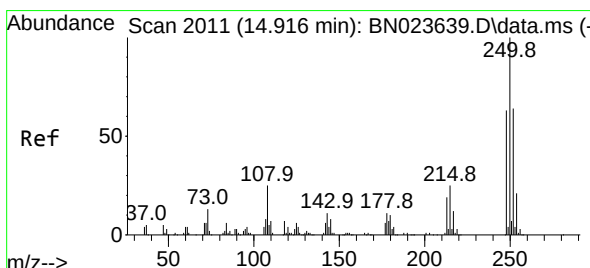
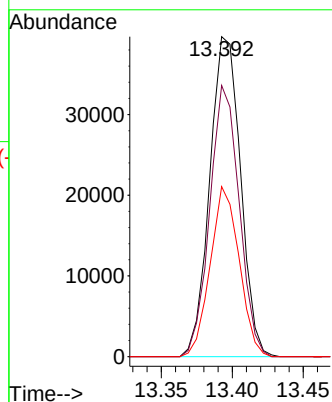
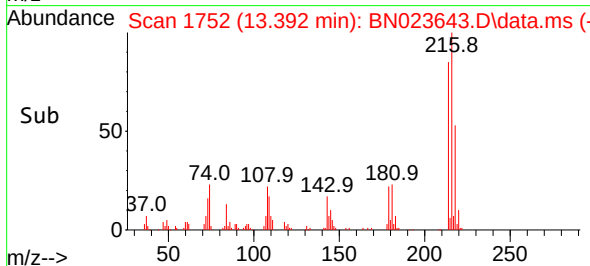
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



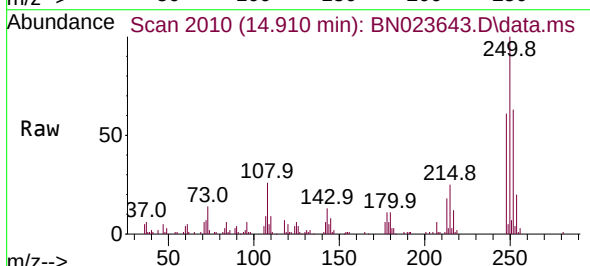
Tgt Ion:216 Resp: 5987
Ion Ratio Lower Upper
216 100
214 84.7 61.0 91.4
218 53.1 39.8 59.8

Manual Integrations
APPROVED

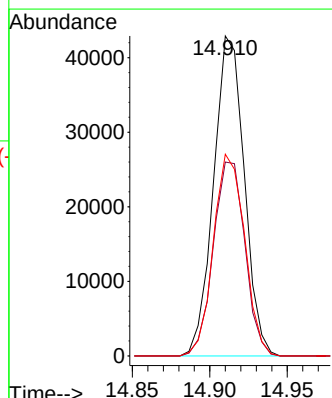
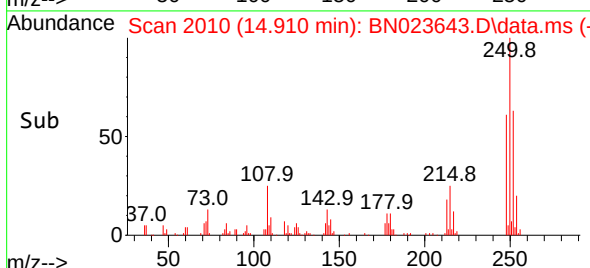
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

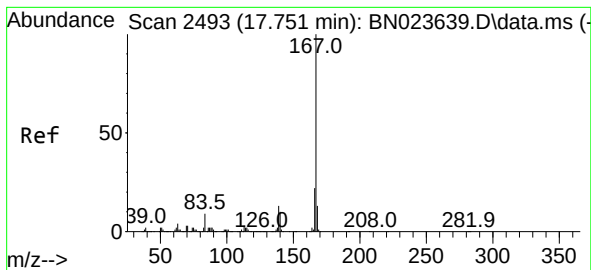


#76
Pentachlorobenzene
Concen: 3.727 ng/uL
RT: 14.910 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



Tgt Ion:250 Resp: 59240
Ion Ratio Lower Upper
250 100
248 60.6 50.3 75.5
252 63.0 48.9 73.3





#77

Carbazole

Concen: 4.127 ng/ul

RT: 17.751 min Scan# 2493

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06

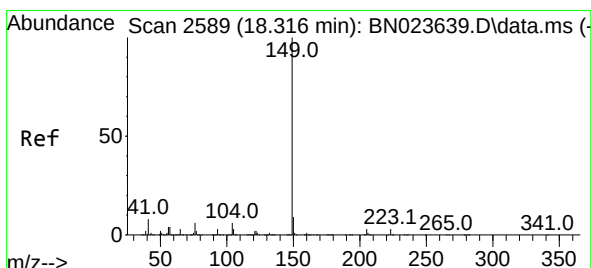
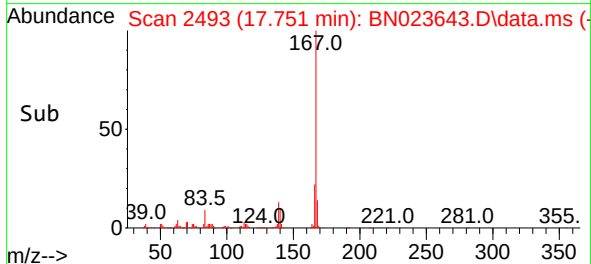
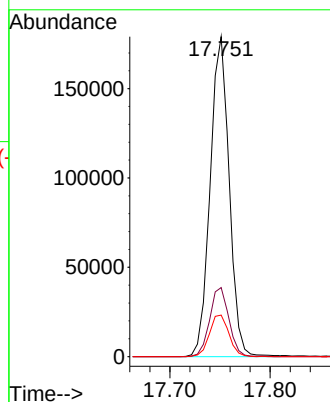
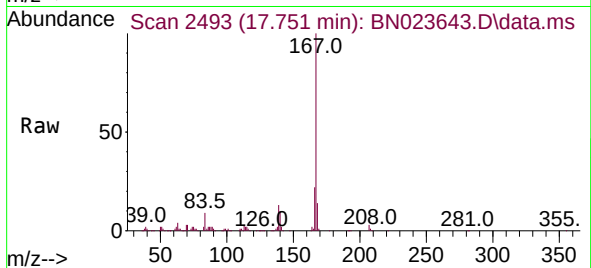
Tgt Ion:167 Resp: 235536

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.0	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#78

Di-n-butylphthalate

Concen: 3.629 ng/ul

RT: 18.316 min Scan# 2589

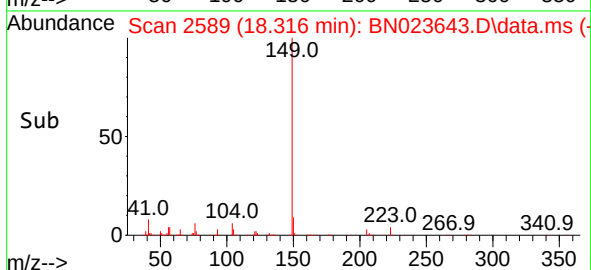
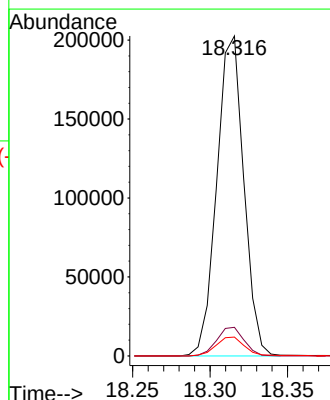
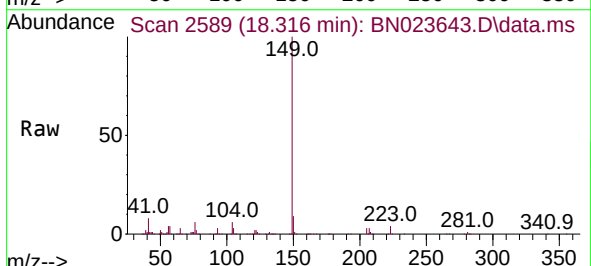
Delta R.T. -0.006 min

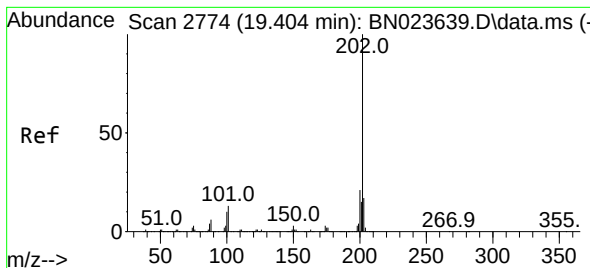
Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Tgt Ion:149 Resp: 245848

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.9	4.3	6.5





#80

Fluoranthene

Concen: 3.915 ng/ul

RT: 19.404 min Scan# 2774

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06

Tgt Ion:202 Resp: 309830

Ion Ratio Lower Upper

202 100

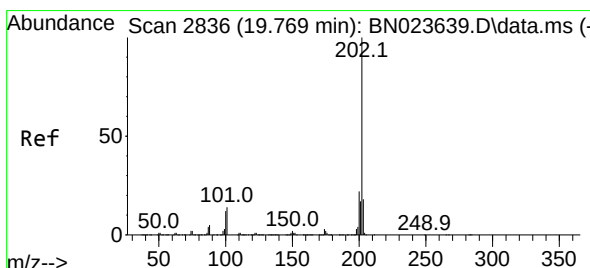
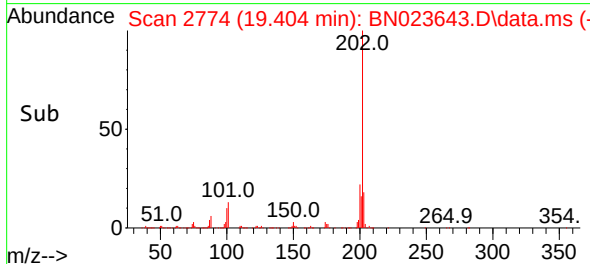
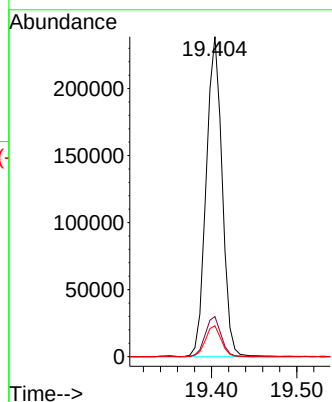
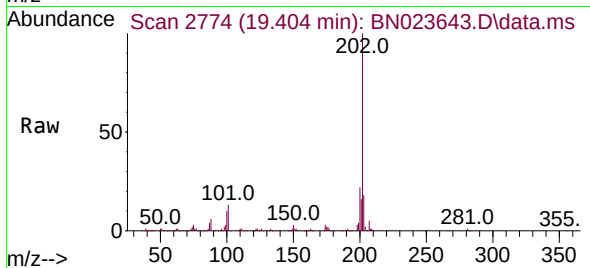
101 12.5 9.5 14.3

100 9.6 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#82

Pyrene

Concen: 4.158 ng/ul

RT: 19.769 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

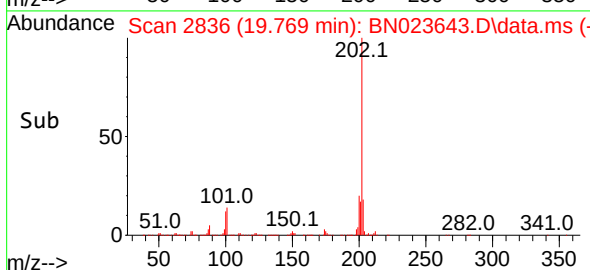
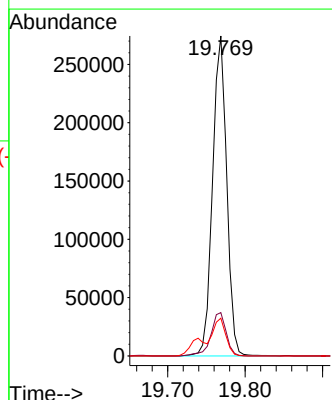
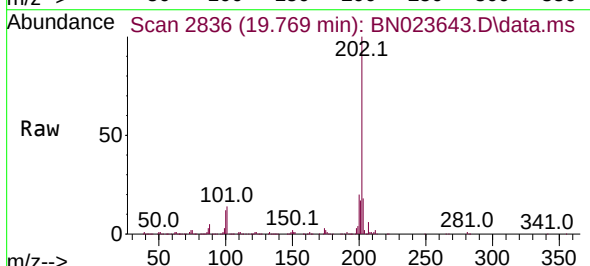
Tgt Ion:202 Resp: 347541

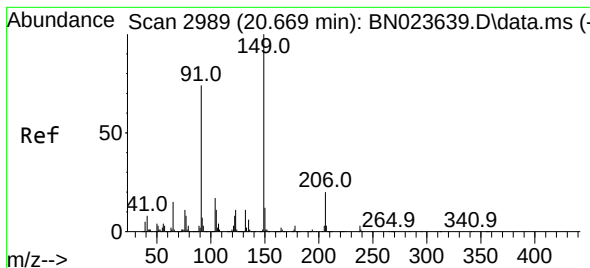
Ion Ratio Lower Upper

202 100

101 13.5 10.9 16.3

100 11.8 8.9 13.3





#83

Butylbenzylphthalate

Concen: 3.408 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

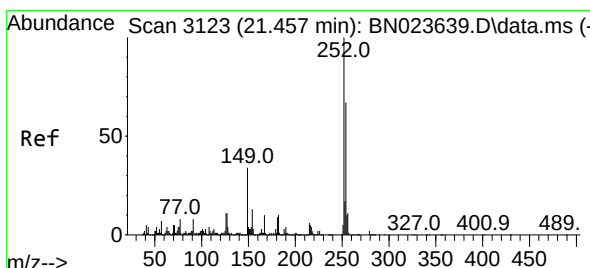
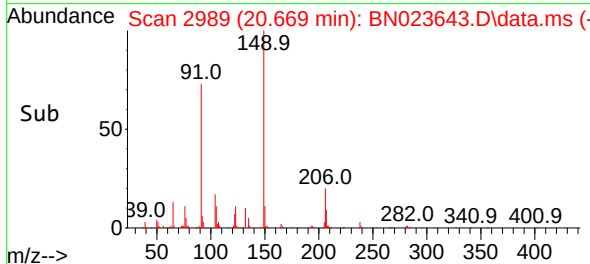
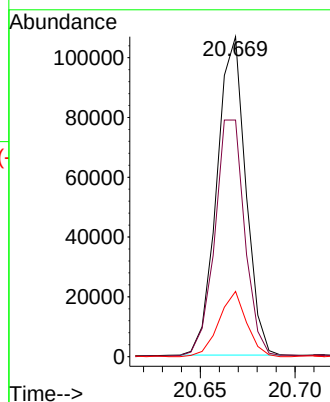
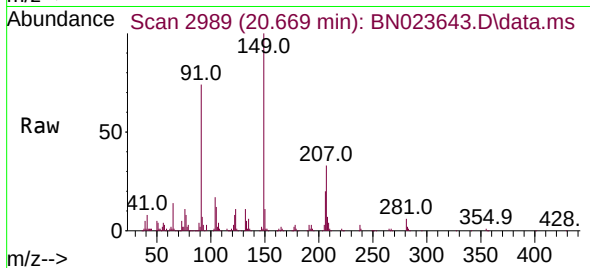
MDL-SOIL-QT3-2022-06

Tgt Ion:	149	Resp:	112791
Ion Ratio	Lower	Upper	
149	100		
91	73.9	57.9	86.9
206	20.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.292 ng/ul

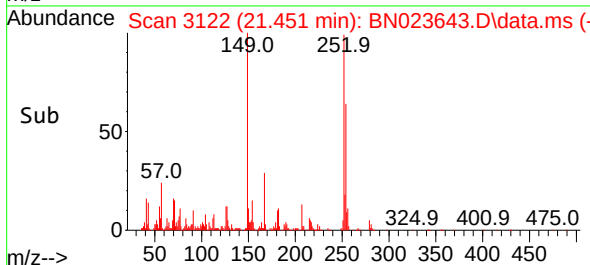
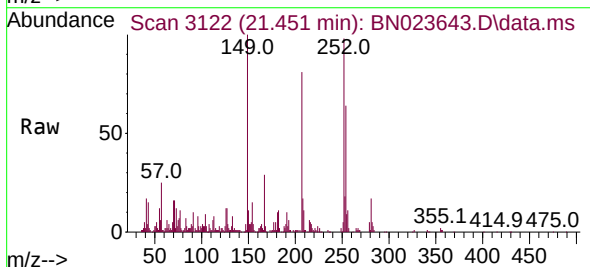
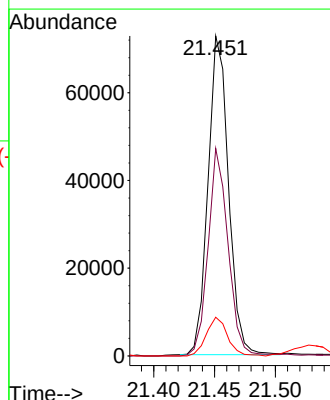
RT: 21.451 min Scan# 3122

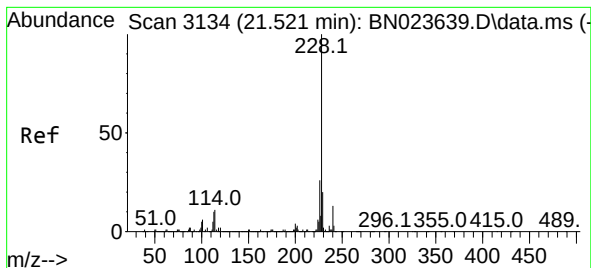
Delta R.T. -0.012 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Tgt Ion:	252	Resp:	85070
Ion Ratio	Lower	Upper	
252	100		
254	64.8	51.2	76.8
126	12.1	8.8	13.2





#85

Benzo(a)anthracene

Concen: 4.115 ng/ul

RT: 21.516 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BN023643.D

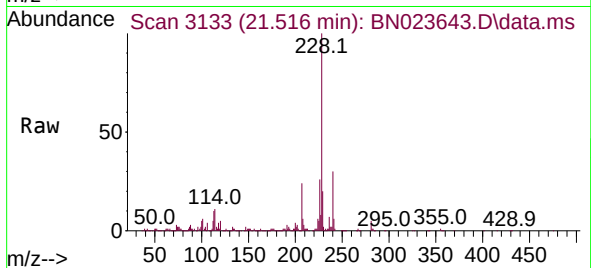
Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06



Tgt Ion:228 Resp: 329794

Ion Ratio Lower Upper

228 100

229 20.2 15.0 22.4

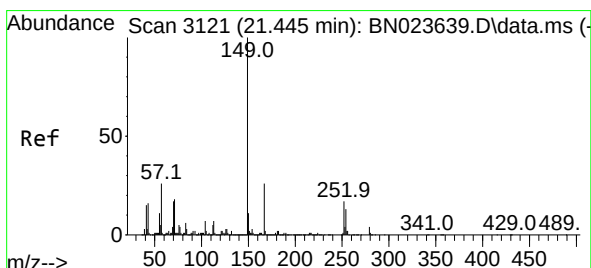
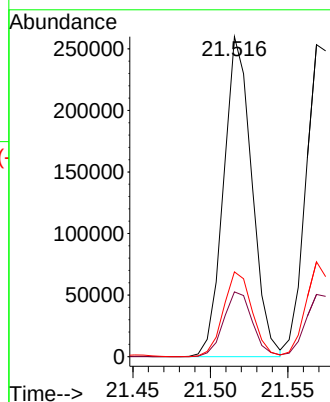
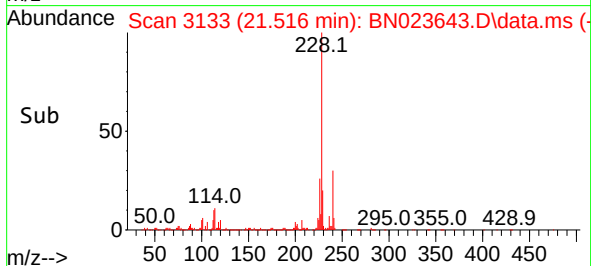
226 26.5 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023

Supervised By :mohammad ahmed 01/13/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.406 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

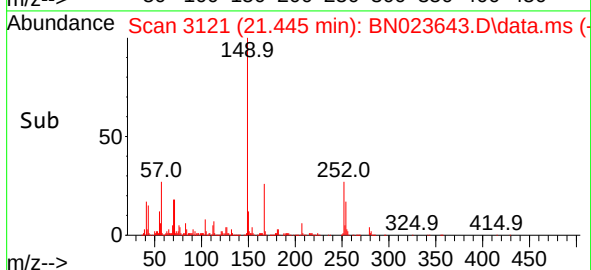
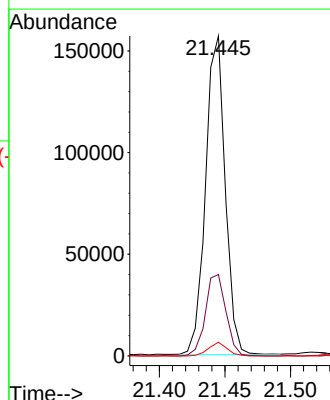
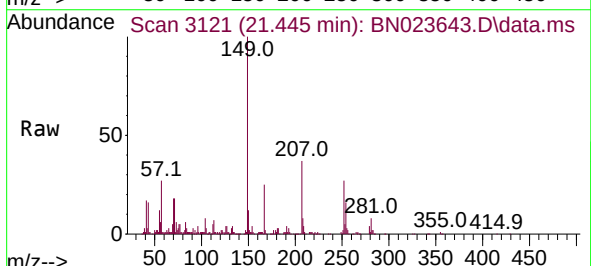
Tgt Ion:149 Resp: 163676

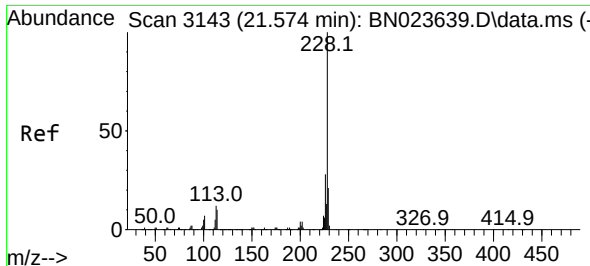
Ion Ratio Lower Upper

149 100

167 25.4 22.0 33.0

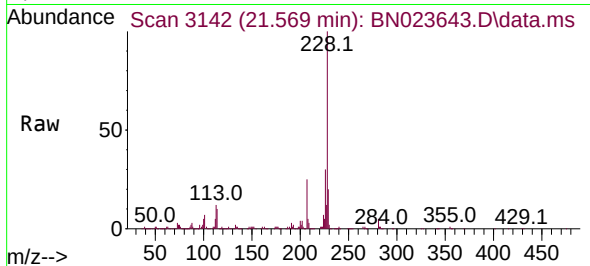
279 4.3 3.4 5.2





#87
Chrysene
Concen: 4.262 ng/ul
RT: 21.569 min Scan# 3143
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

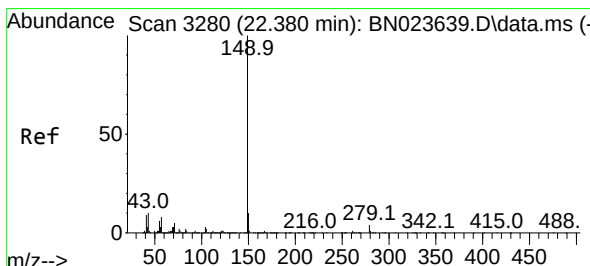
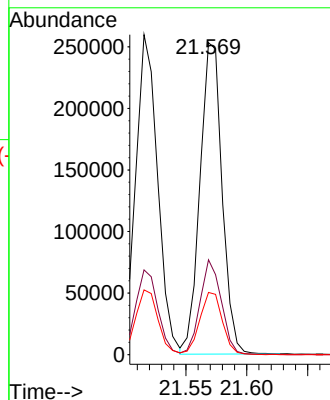
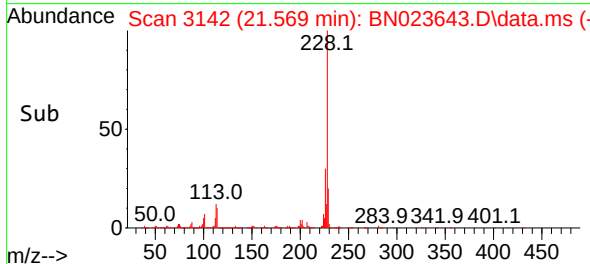
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



Tgt Ion:228 Resp: 320228
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 16.8 25.2

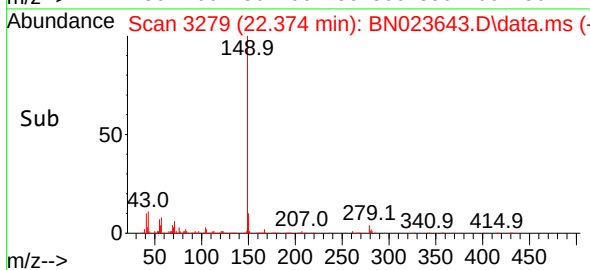
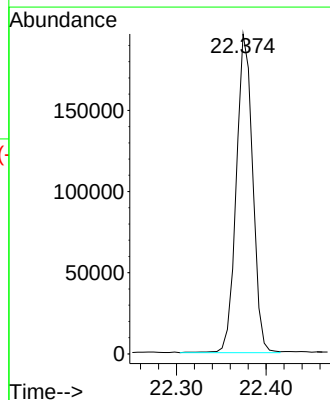
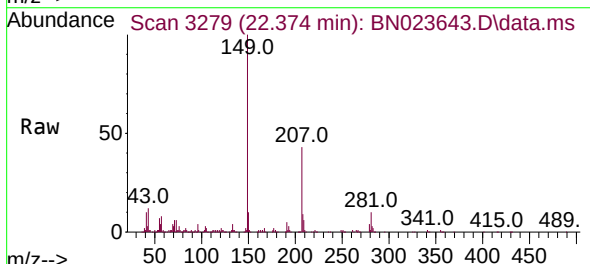
Manual Integrations
APPROVED

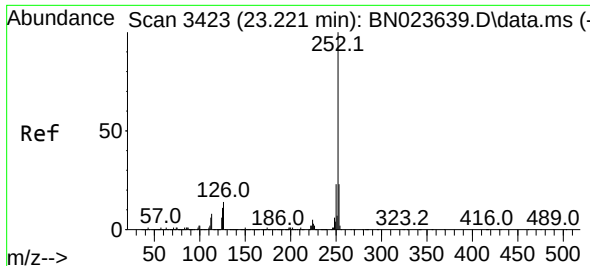
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#89
Di-n-octyl phthalate
Concen: 3.033 ng/ul
RT: 22.374 min Scan# 3279
Delta R.T. -0.006 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

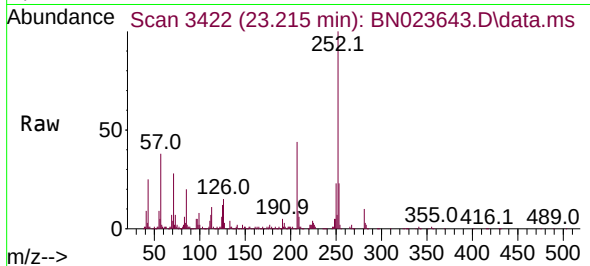
Tgt Ion:149 Resp: 250535





#90
Benzo(b)fluoranthene
Concen: 4.430 ng/ul
RT: 23.215 min Scan# 3422
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

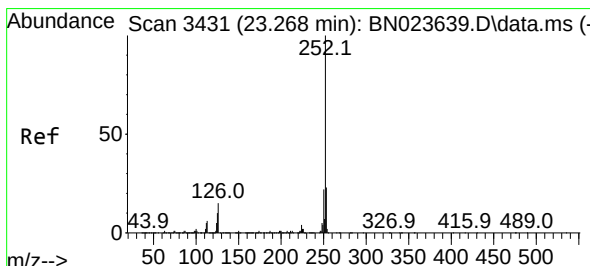
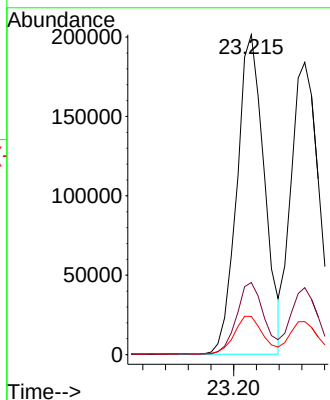
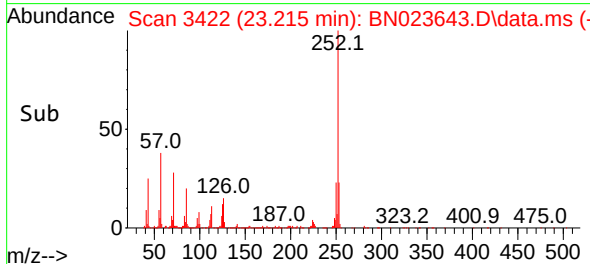
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-06



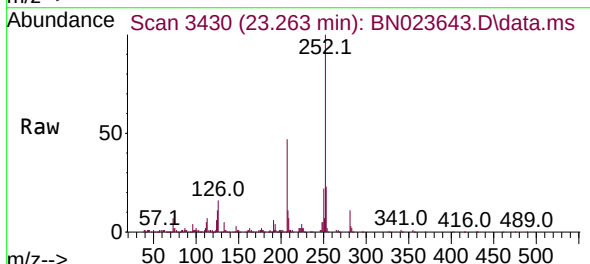
Tgt Ion:252 Resp: 337762
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.9 8.6 13.0

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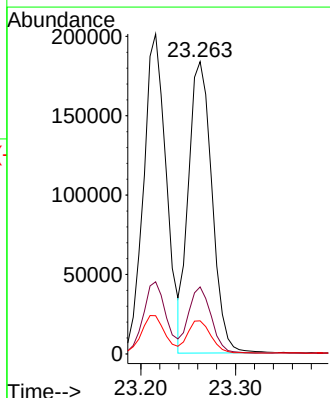
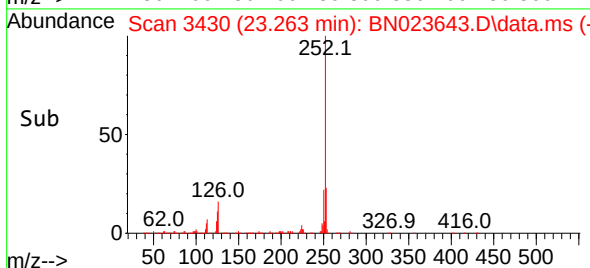
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

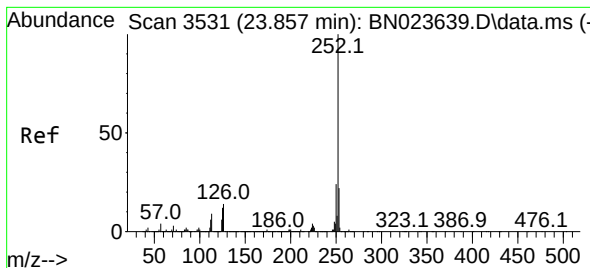


#91
Benzo(k)fluoranthene
Concen: 4.189 ng/ul
RT: 23.263 min Scan# 3430
Delta R.T. -0.012 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03



Tgt Ion:252 Resp: 315906
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.3 8.6 12.8





#93

Benzo(a)pyrene

Concen: 4.395 ng/ul

RT: 23.851 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-06

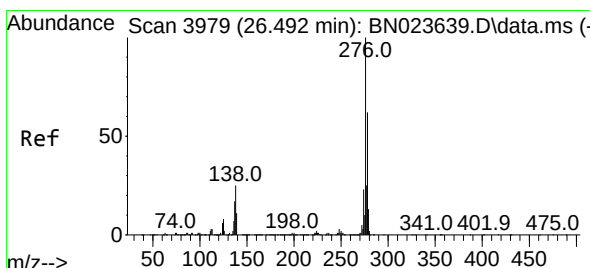
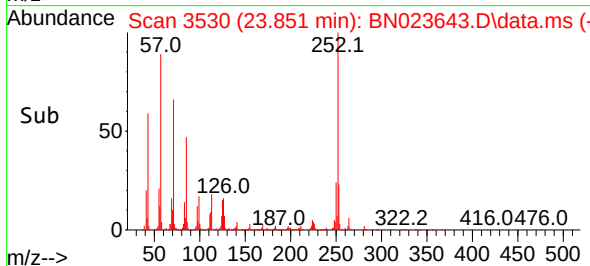
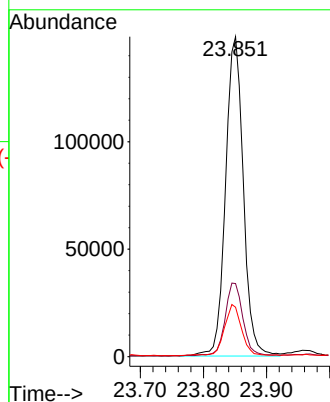
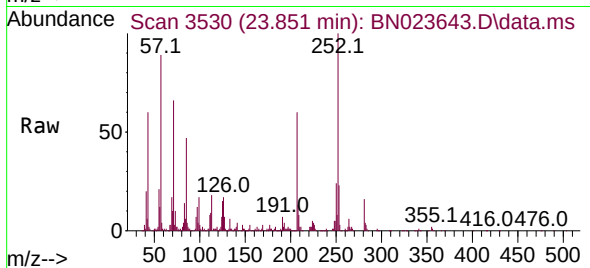
Tgt Ion:252 Resp: 290621

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.6	25.0
125	15.4	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.239 ng/ul

RT: 26.480 min Scan# 3977

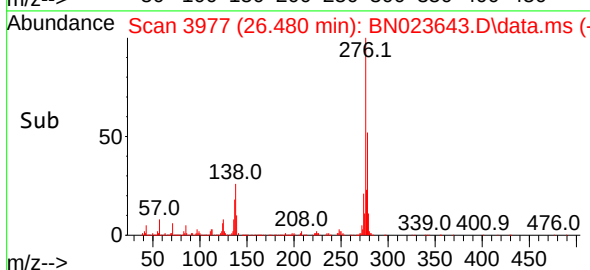
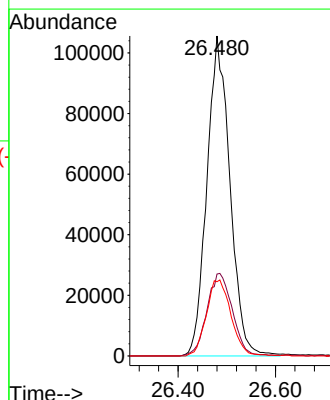
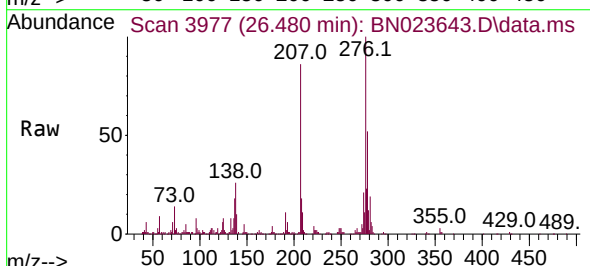
Delta R.T. -0.024 min

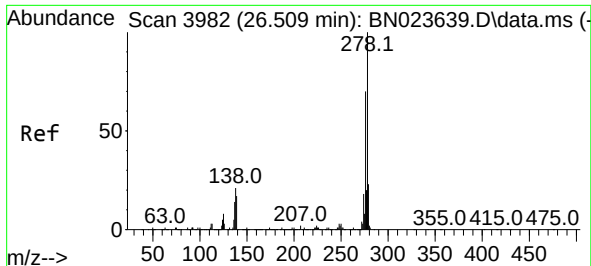
Lab File: BN023643.D

Acq: 12 Jan 2023 14:03

Tgt Ion:276 Resp: 346392

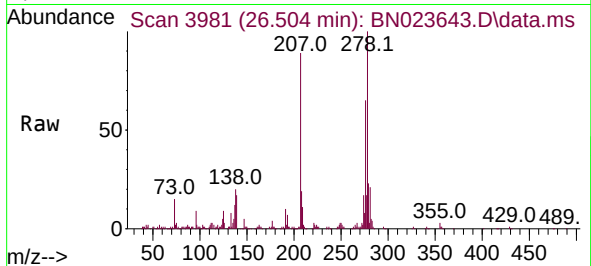
Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	23.2	18.9	28.3





#95
Dibenzo(a,h)anthracene
Concen: 4.284 ng/ul
RT: 26.504 min Scan# 3982
Delta R.T. -0.018 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

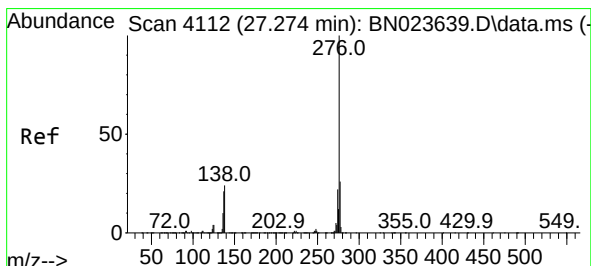
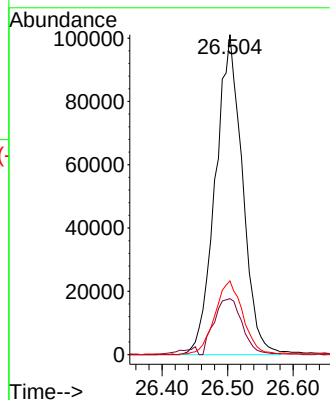
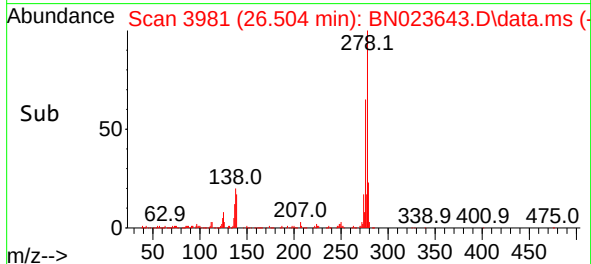
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-06



Tgt Ion: 278 Resp: 289496
Ion Ratio Lower Upper
278 100
139 17.5 14.1 21.1
279 23.0 18.0 27.0

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 01/13/2023
Supervised By : mohammad ahmed 01/13/2023



#96
Benzo(g,h,i)perylene
Concen: 4.197 ng/ul
RT: 27.256 min Scan# 4109
Delta R.T. -0.029 min
Lab File: BN023643.D
Acq: 12 Jan 2023 14:03

Tgt Ion: 276 Resp: 273134
Ion Ratio Lower Upper
276 100
138 22.4 17.0 25.6
277 22.3 17.6 26.4

