

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011123\
 Data File : BN023610.D
 Acq On : 11 Jan 2023 13:40
 Operator : CG/JU
 Sample : N4239-05
 Misc : SFAM-MDL-MES-01-4NG
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT3-2022-05

Quant Time: Jan 11 14:27:26 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 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	198794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	907548	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	568085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1273592	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1327279	20.000	ng/u1	-0.01
88) Perylene-d12	23.962	264	1317063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	18205	3.941	ng/uL	0.00
4) Pyridine-d5	3.728	84	163754	11.814	ng/u1	0.00
7) Phenol-d5	7.104	99	304571	17.287	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	200693	18.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	250863	18.591	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	247203	17.579	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	124030	18.124	ng/u1	0.00
24) 2-Nitrophenol-d4	9.839	143	131442	18.144	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	239530	17.334	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	363417	16.720	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	758478	17.948	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	868967	18.559	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	144020	16.741	ng/u1	-0.01
60) Fluorene-d10	15.592	176	679595	18.820	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	120028	15.623	ng/u1	0.00
73) Anthracene-d10	17.445	188	1065025	18.687	ng/u1	0.00
81) Pyrene-d10	19.739	212	1289801	16.992	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1204130	18.487	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	5588	1.146	ng/uL	90
5) Pyridine	3.752	79	51227	3.610	ng/u1#	80
6) Benzaldehyde	7.075	77	37220	5.455	ng/u1	100
8) Phenol	7.128	94	73632	4.106	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.363	93	60104	4.241	ng/u1	97
12) 2-Chlorophenol	7.504	128	59649	4.278	ng/u1	94
13) 2-Methylphenol	8.393	108	50487	3.741	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.481	45	82946	4.377	ng/u1	100
16) Acetophenone	8.775	105	92337	4.248	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	44496	4.066	ng/u1	97
18) 4-Methylphenol	8.722	108	60071	4.042	ng/u1	100
19) Hexachloroethane	9.028	117	23884	4.283	ng/u1	92
22) Nitrobenzene	9.157	77	73097	4.268	ng/u1	98
23) Isophorone	9.687	82	114277	3.689	ng/u1	99
25) 2-Nitrophenol	9.869	139	32062	3.981	ng/u1	88
26) 2,4-Dimethylphenol	9.934	107	60584	3.707	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.169	93	80208	3.992	ng/u1	98
29) 2,4-Dichlorophenol	10.404	162	56243	4.068	ng/u1	96
30) Naphthalene	10.810	128	207188	4.247	ng/u1	99
32) 4-Chloroaniline	10.928	127	87004	3.997	ng/u1	99
33) Hexachlorobutadiene	11.092	225	36724	4.294	ng/u1	96
34) Caprolactam	11.710	113	16606m	3.576	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	56087	3.720	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	137919	4.241	ng/u1	92

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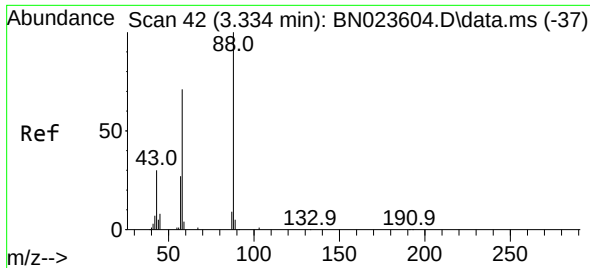
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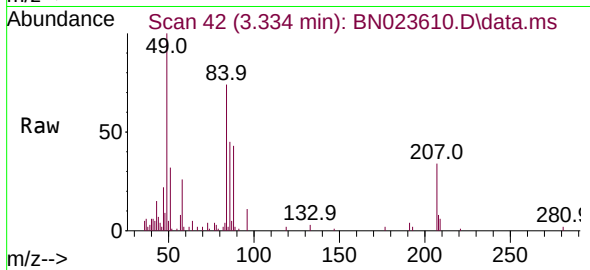
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	127033	3.823	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.792	216	72630	4.323	ng/u1	96
40) Hexachlorocyclopentadiene	12.769	237	34165	3.226	ng/u1	94
41) 2,4,6-Trichlorophenol	13.028	196	41678	3.763	ng/u1	98
42) 2,4,5-Trichlorophenol	13.098	196	47780	3.945	ng/u1	89
43) 1,1'-Biphenyl	13.433	154	188359	4.298	ng/u1	99
44) 2-Chloronaphthalene	13.475	162	147660	4.343	ng/u1	99
45) 2-Nitroaniline	13.680	65	33228	3.544	ng/u1	96
47) Dimethylphthalate	14.051	163	177815	4.187	ng/u1	100
48) 2,6-Dinitrotoluene	14.175	165	27042	3.369	ng/u1	92
50) Acenaphthylene	14.322	152	222782	4.279	ng/u1	98
51) 3-Nitroaniline	14.504	138	30016	3.731	ng/u1	96
52) Acenaphthene	14.657	153	159937	4.357	ng/u1	98
53) 2,4-Dinitrophenol	14.710	184	20848	3.973	ng/u1	97
55) 4-Nitrophenol	14.810	109	27558	3.967	ng/u1	96
56) Dibenzofuran	14.992	168	223154	4.368	ng/u1	93
57) 2,4-Dinitrotoluene	14.963	165	41977	3.582	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.222	232	40024	3.857	ng/u1	99
59) Diethylphthalate	15.416	149	172730	4.061	ng/u1	99
61) Fluorene	15.645	166	181395	4.384	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.639	204	89949	4.466	ng/u1	97
63) 4-Nitroaniline	15.663	138	30014	4.052	ng/u1	93
66) 4,6-Dinitro-2-methylph...	15.722	198	34695	4.576	ng/u1#	84
67) N-Nitrosodiphenylamine	15.851	169	151308	4.233	ng/u1	97
68) 4-Bromophenyl-phenylether	16.533	248	52780	4.134	ng/u1	94
69) Hexachlorobenzene	16.645	284	64147	4.288	ng/u1	95
70) Atrazine	16.804	200	53789	4.021	ng/u1	96
71) Pentachlorophenol	16.998	266	37337	3.911	ng/u1	96
72) Phenanthrene	17.386	178	301744	4.422	ng/u1	99
74) Anthracene	17.480	178	288990	4.255	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	64308	3.750	ng/uL	98
76) Pentachlorobenzene	14.916	250	65868	3.835	ng/uL	96
77) Carbazole	17.751	167	254954	4.134	ng/u1	99
78) Di-n-butylphthalate	18.316	149	284254	3.882	ng/u1	100
80) Fluoranthene	19.404	202	353942	3.986	ng/u1	99
82) Pyrene	19.768	202	381118	4.064	ng/u1	99
83) Butylbenzylphthalate	20.668	149	128172	3.452	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.457	252	101646	3.506	ng/u1	100
85) Benzo(a)anthracene	21.521	228	364490	4.054	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	201878	3.745	ng/u1	99
87) Chrysene	21.574	228	357702	4.243	ng/u1	95
89) Di-n-octyl phthalate	22.374	149	285468	3.141	ng/u1	100
90) Benzo(b)fluoranthene	23.215	252	367015	4.375	ng/u1	99
91) Benzo(k)fluoranthene	23.268	252	356267	4.293	ng/u1	98
93) Benzo(a)pyrene	23.851	252	317315	4.361	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.486	276	380305	4.229	ng/u1	96
95) Dibenzo(a,h)anthracene	26.503	278	318903	4.289	ng/u1	97
96) Benzo(g,h,i)perylene	27.262	276	295111	4.121	ng/u1	98

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



#2
1,4-Dioxane
Concen: 1.146 ng/uL
RT: 3.334 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN023610.D
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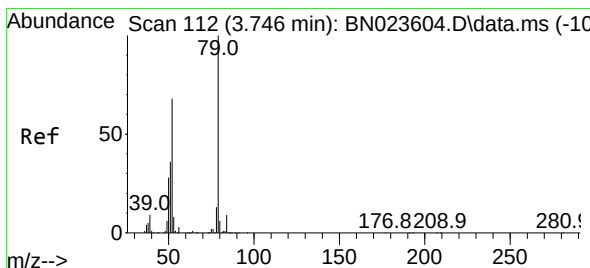
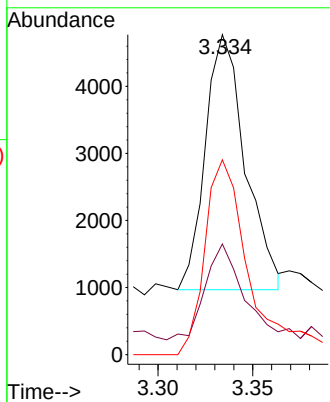
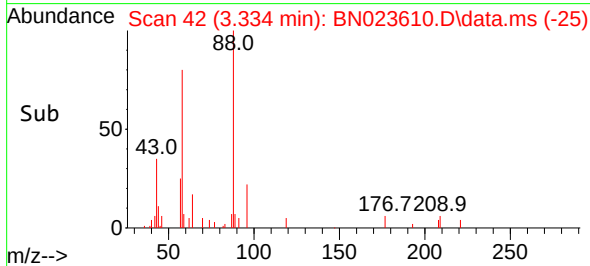
Instrument :
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ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



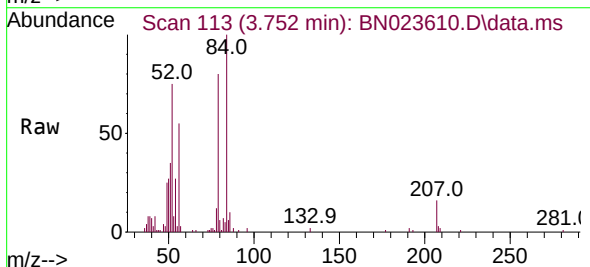
Tgt Ion: 88 Resp: 5588
Ion Ratio Lower Upper
88 100
43 34.6 24.6 36.8
58 60.9 56.2 84.4

Manual Integrations
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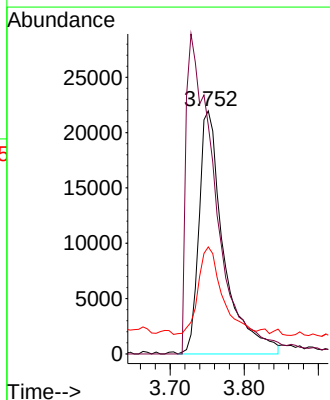
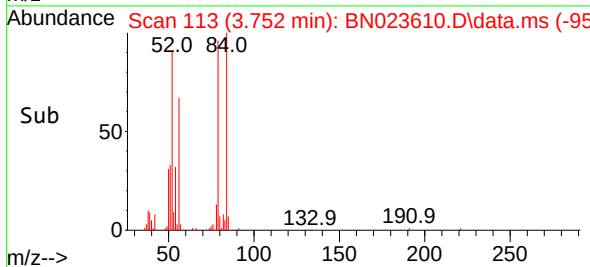
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

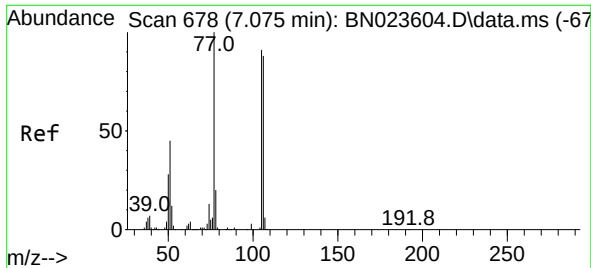


#5
Pyridine
Concen: 3.610 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



Tgt Ion: 79 Resp: 51227
Ion Ratio Lower Upper
79 100
52 94.1 59.9 89.9#
51 44.0 28.6 42.8#





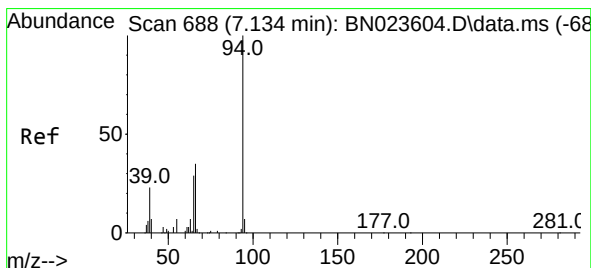
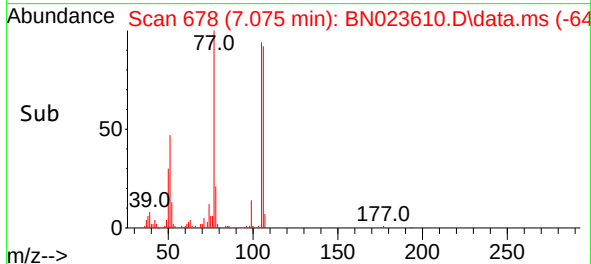
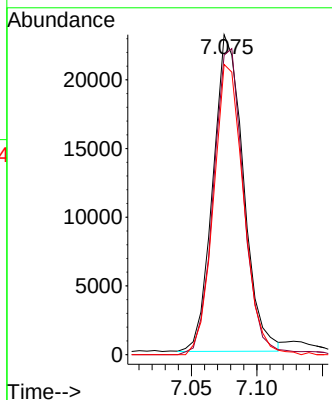
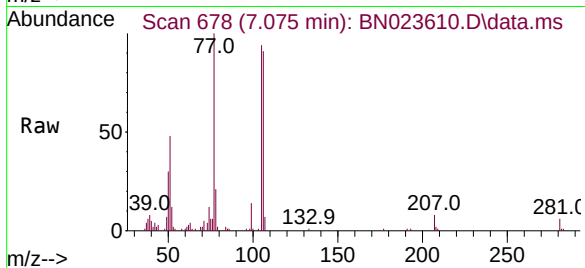
#6
Benzaldehyde
Concen: 5.455 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05

Tgt Ion: 77 Resp: 37220
Ion Ratio Lower Upper
77 100
105 93.6 75.1 112.7
106 90.7 72.8 109.2

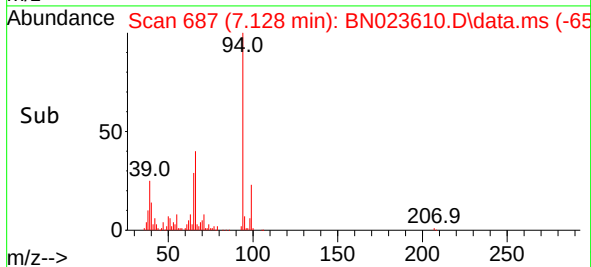
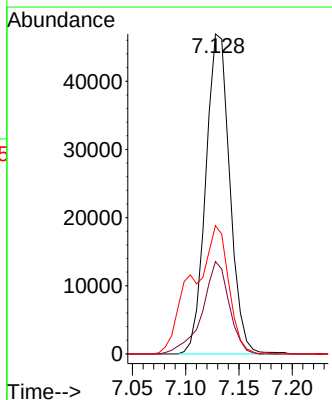
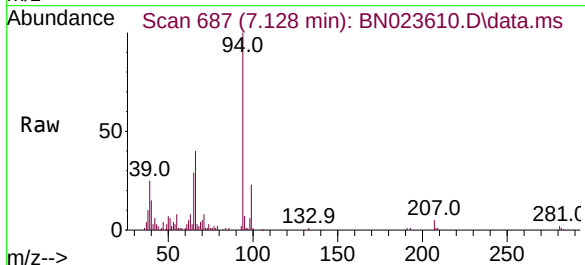
Manual Integrations
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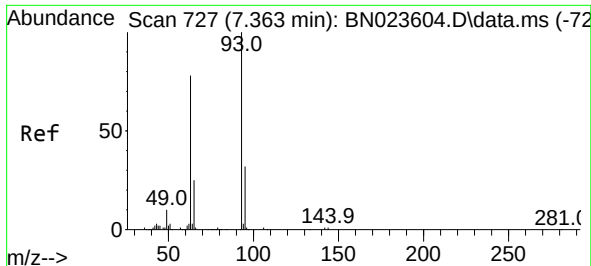
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#8
Phenol
Concen: 4.106 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

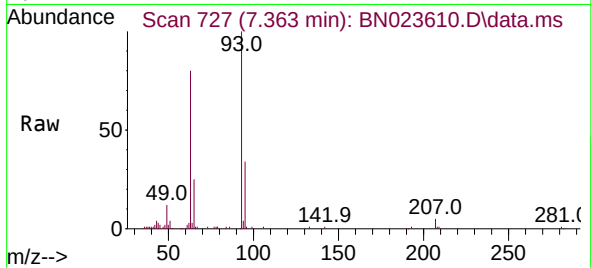
Tgt Ion: 94 Resp: 73632
Ion Ratio Lower Upper
94 100
65 28.9 23.7 35.5
66 40.1 29.9 44.9





#10
Bis(2-Chloroethyl)ether
Concen: 4.241 ng/ul
RT: 7.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

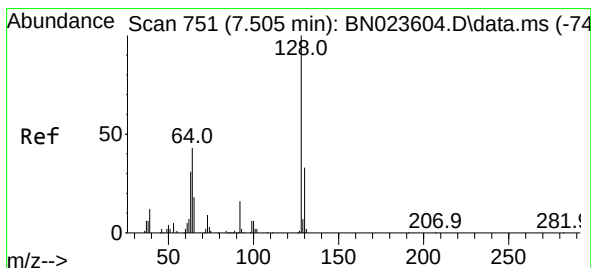
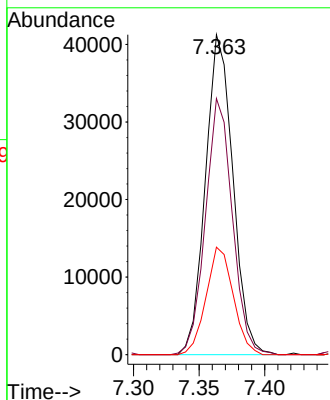
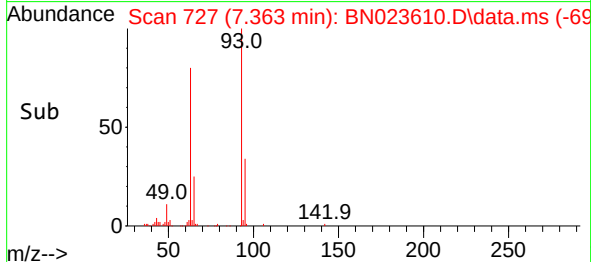
Instrument :
BNA_N
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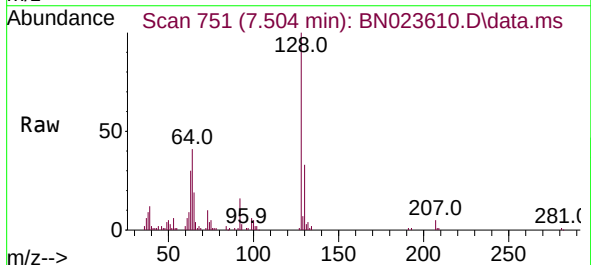
Tgt Ion: 93 Resp: 60104
Ion Ratio Lower Upper
93 100
63 80.0 61.2 91.8
95 33.6 26.6 40.0

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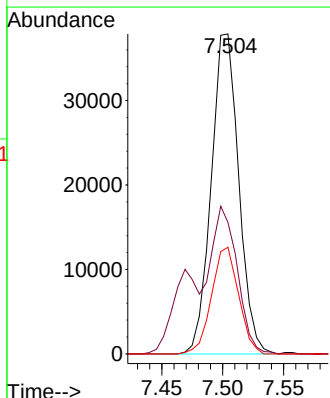
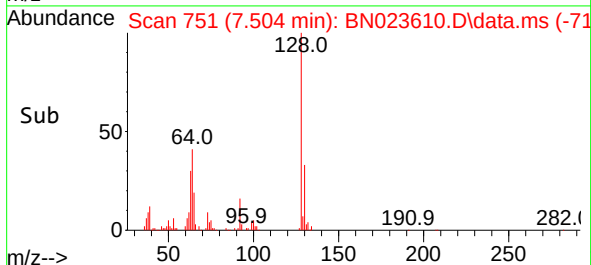
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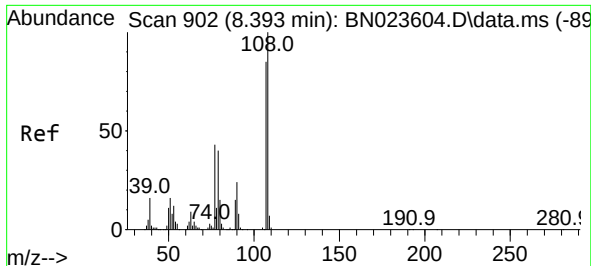


#12
2-Chlorophenol
Concen: 4.278 ng/ul
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



Tgt Ion:128 Resp: 59649
Ion Ratio Lower Upper
128 100
64 41.1 37.4 56.2
130 33.3 25.6 38.4





#13

2-Methylphenol

Concen: 3.741 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.006 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05

Tgt Ion:108 Resp: 5048

Ion Ratio Lower Upper

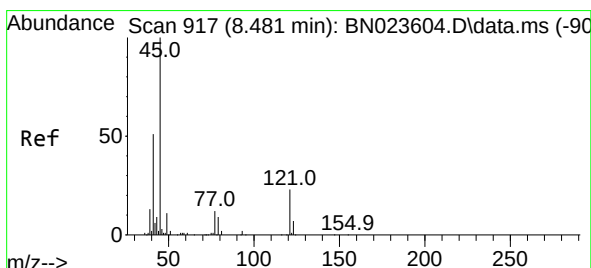
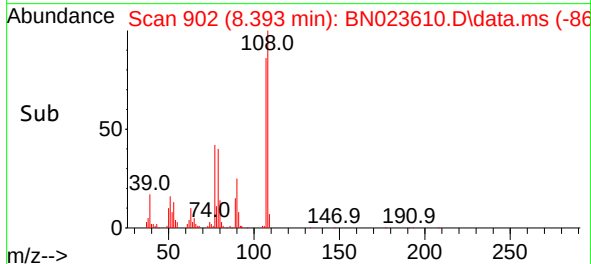
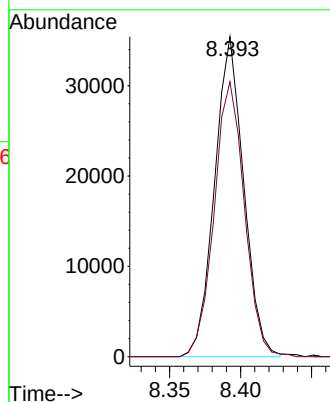
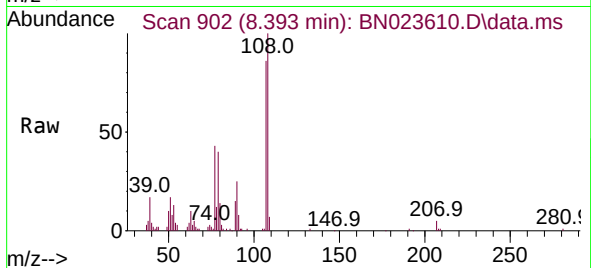
108 100

107 85.9 72.3 108.5

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.377 ng/ul

RT: 8.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

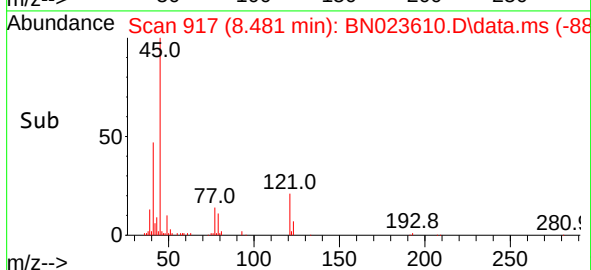
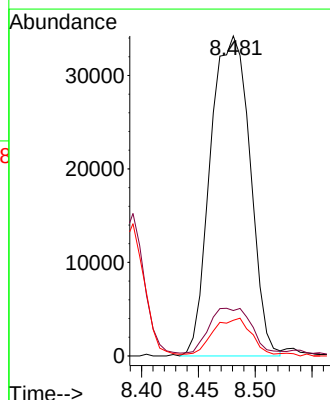
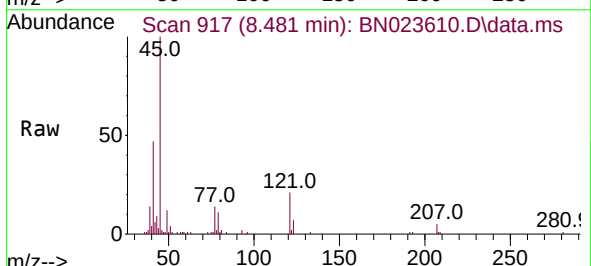
Tgt Ion: 45 Resp: 82946

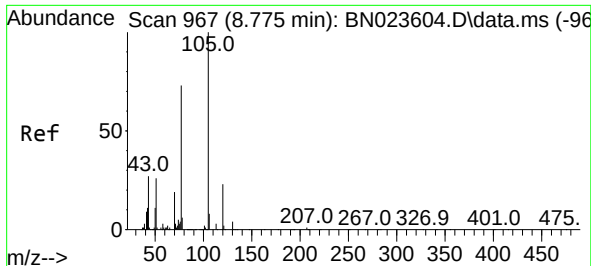
Ion Ratio Lower Upper

45 100

77 14.2 11.4 17.2

79 11.1 8.8 13.2





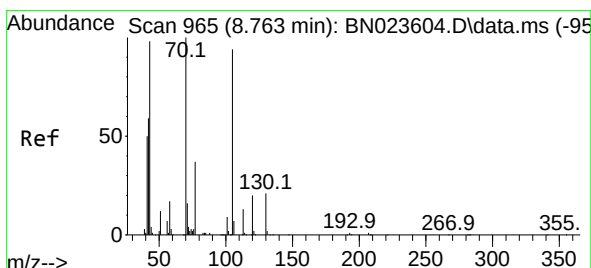
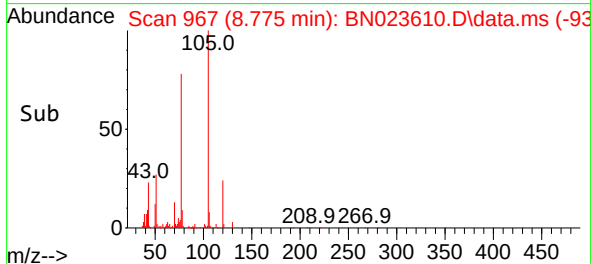
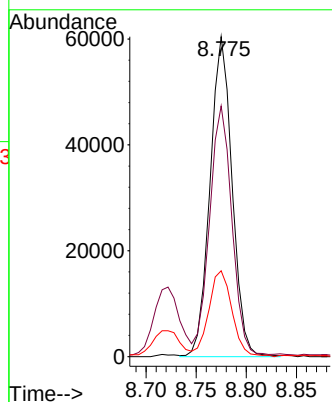
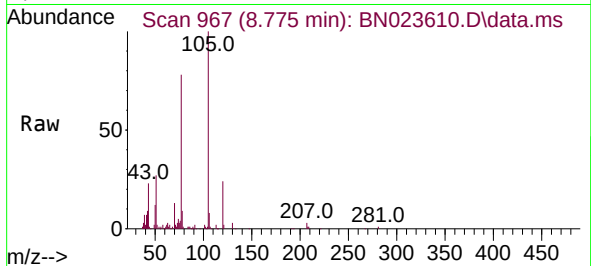
#16
Acetophenone
Concen: 4.248 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Instrument :
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Tgt Ion: 105 Resp: 9233
Ion Ratio Lower Upper
105 100
77 78.3 64.2 96.2
51 26.8 22.0 33.0

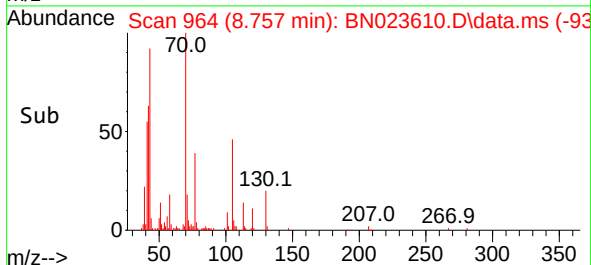
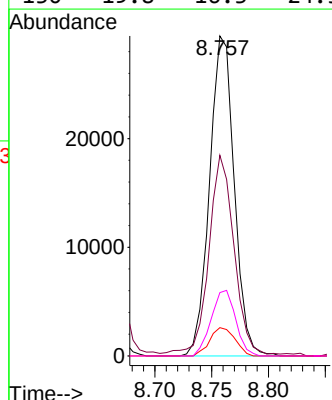
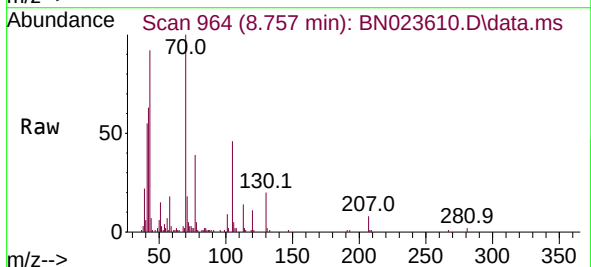
Manual Integrations
APPROVED

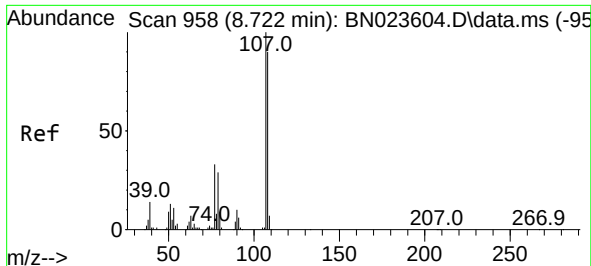
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.066 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Tgt Ion: 70 Resp: 44496
Ion Ratio Lower Upper
70 100
42 62.7 47.8 71.6
101 8.8 7.8 11.6
130 19.8 16.3 24.5





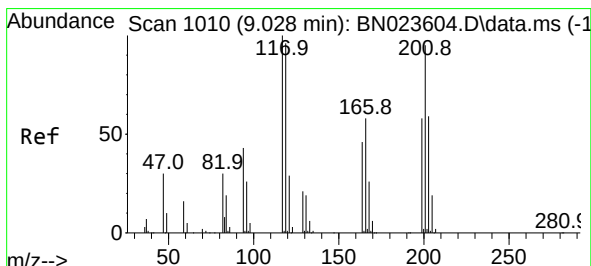
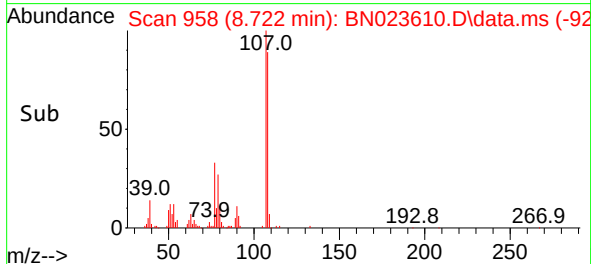
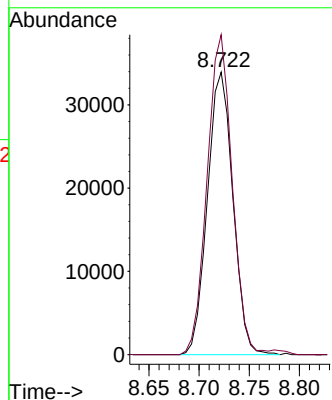
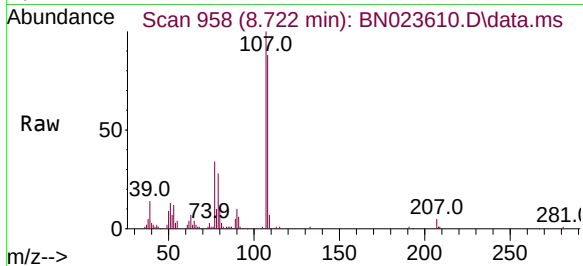
#18
4-Methylphenol
Concen: 4.042 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:108 Resp: 6007
Ion Ratio Lower Upper
108 100
107 113.3 90.7 136.1

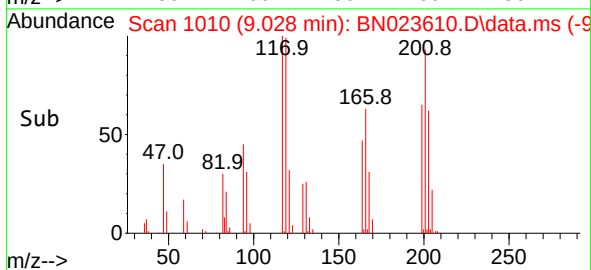
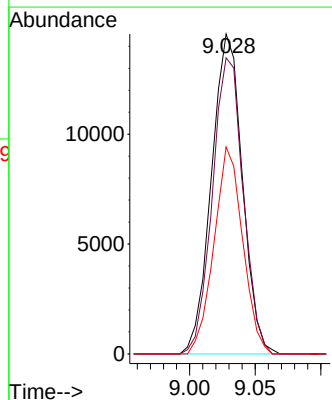
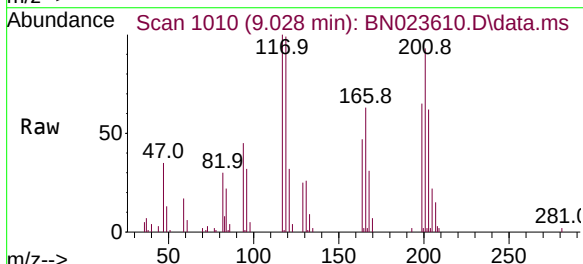
Manual Integrations
APPROVED

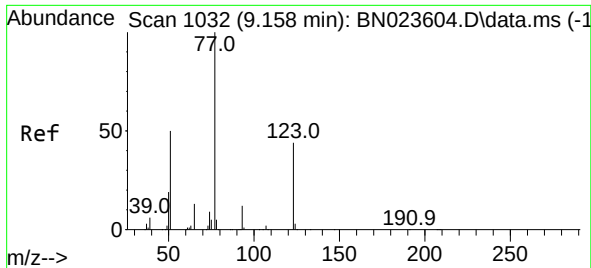
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#19
Hexachloroethane
Concen: 4.283 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

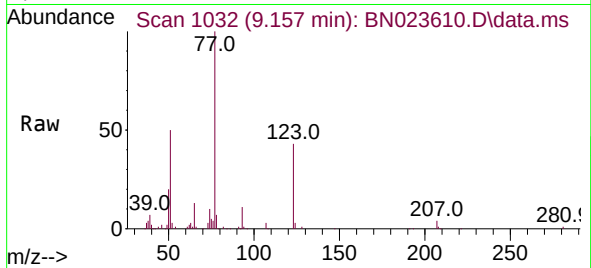
Tgt Ion:117 Resp: 23884
Ion Ratio Lower Upper
117 100
201 92.5 76.9 115.3
199 66.4 44.6 67.0





#22
Nitrobenzene
Concen: 4.268 ng/ul
RT: 9.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

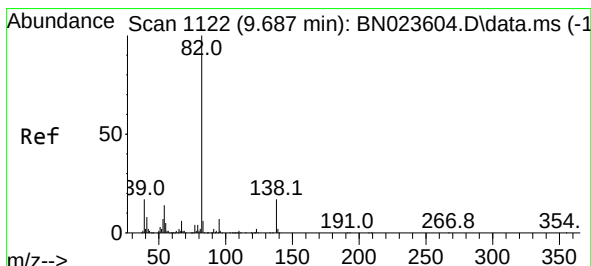
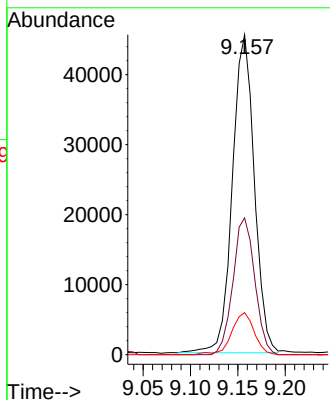
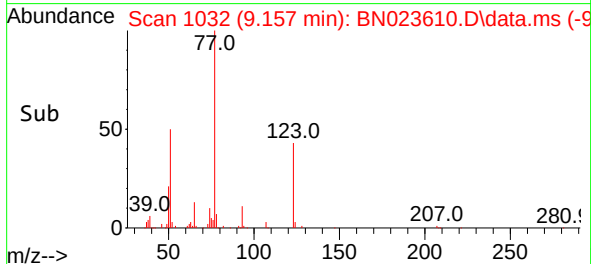
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 77 Resp: 73092
Ion Ratio Lower Upper
77 100
123 42.7 35.6 53.4
65 13.1 11.0 16.4

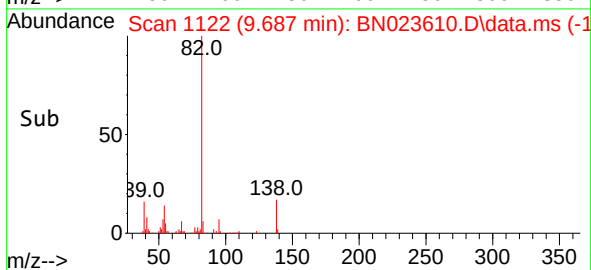
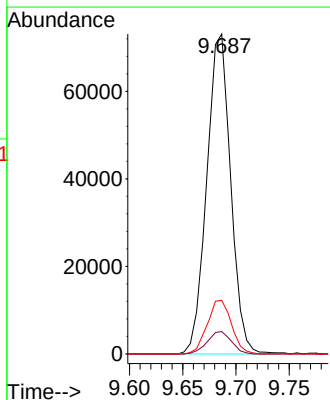
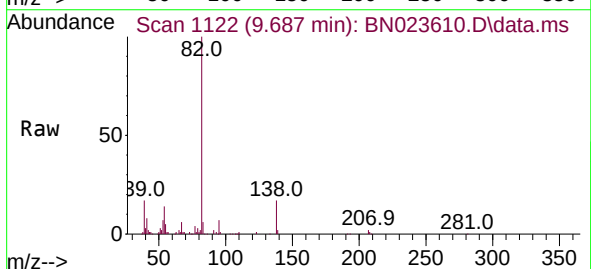
Manual Integrations
APPROVED

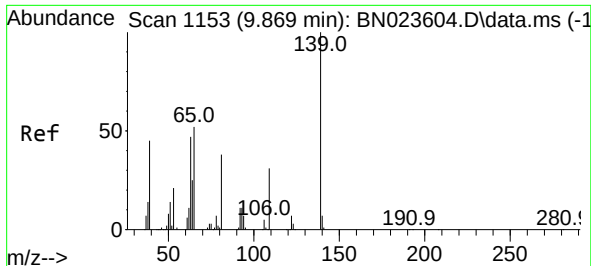
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#23
Isophorone
Concen: 3.689 ng/ul
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Tgt Ion: 82 Resp: 114277
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 13.8 20.8





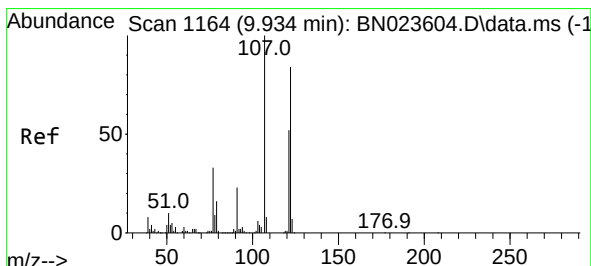
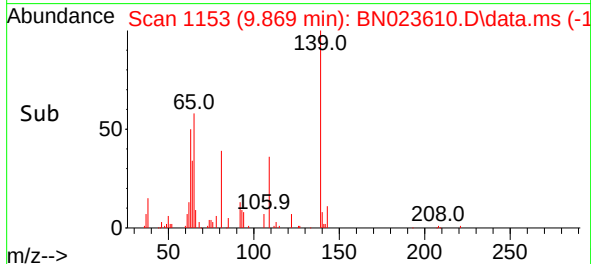
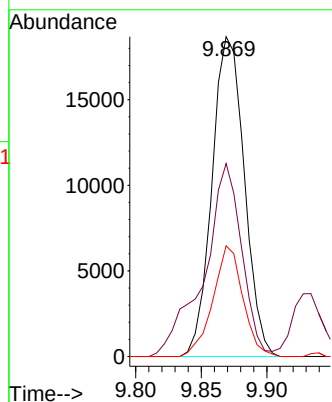
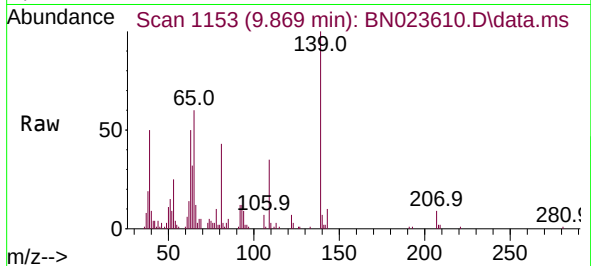
#25
2-Nitrophenol
Concen: 3.981 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05

Tgt Ion:139 Resp: 32062
Ion Ratio Lower Upper
139 100
65 60.3 40.3 60.5
109 34.6 24.6 37.0

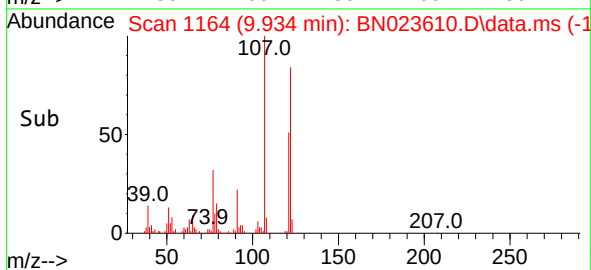
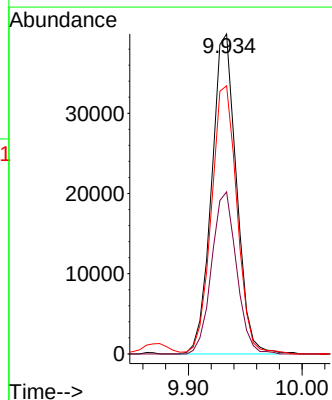
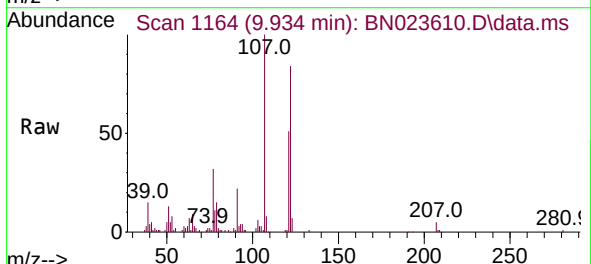
Manual Integrations
APPROVED

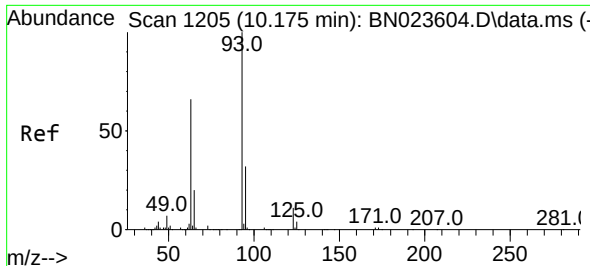
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#26
2,4-Dimethylphenol
Concen: 3.707 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

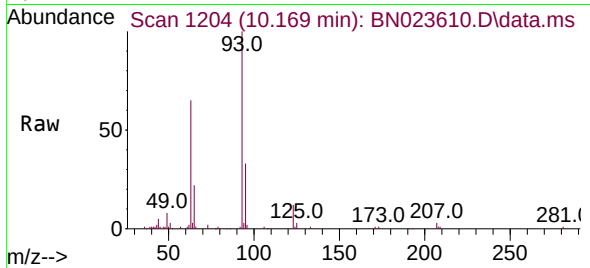
Tgt Ion:107 Resp: 60584
Ion Ratio Lower Upper
107 100
121 50.7 40.4 60.6
122 83.8 67.0 100.4





#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.992 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. -0.012 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

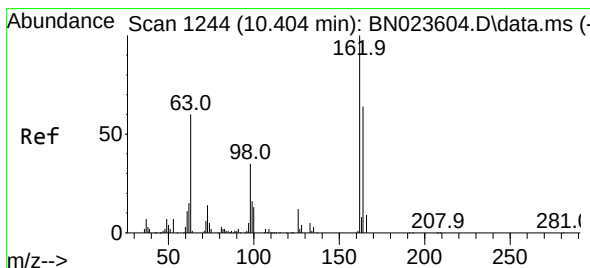
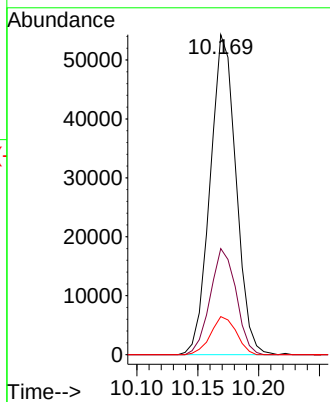
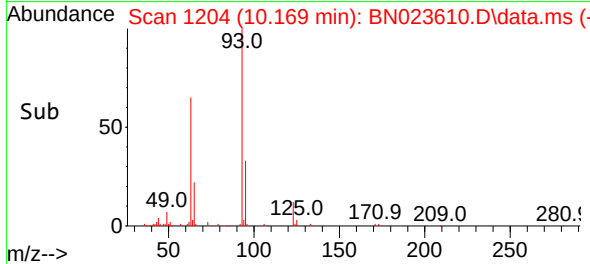
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 93 Resp: 80208
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.5 38.3
 123 11.9 9.4 14.2

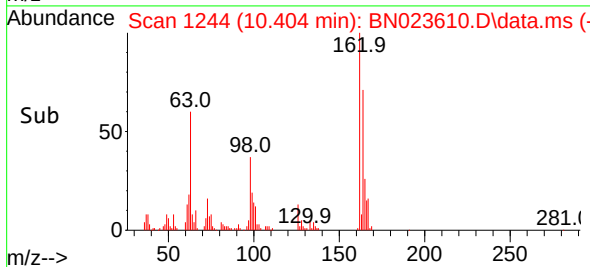
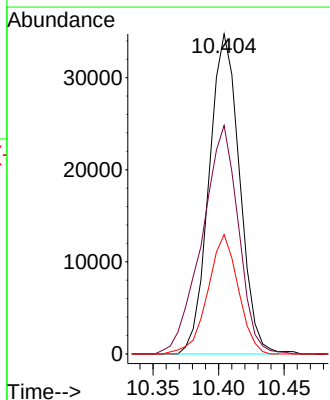
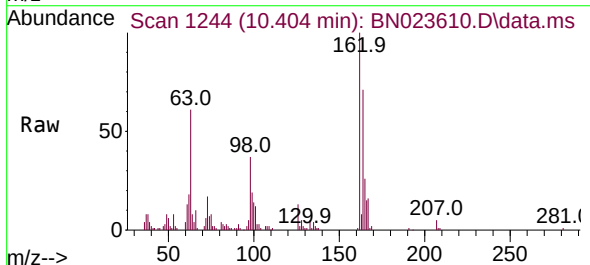
Manual Integrations
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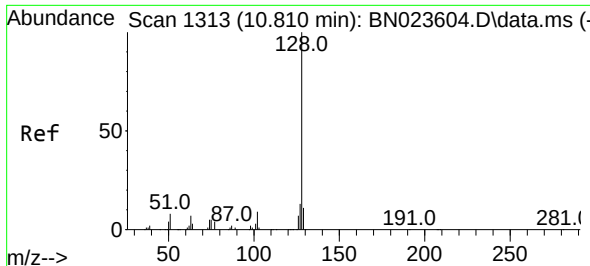
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023



#29
 2,4-Dichlorophenol
 Concen: 4.068 ng/ul
 RT: 10.404 min Scan# 1244
 Delta R.T. -0.012 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

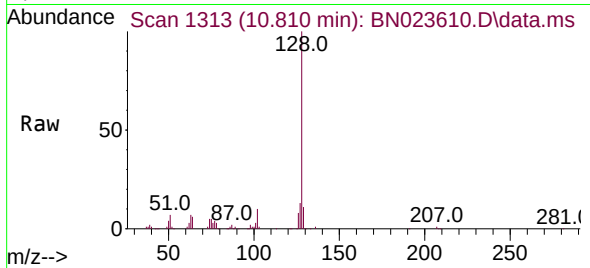
Tgt Ion:162 Resp: 56243
 Ion Ratio Lower Upper
 162 100
 164 71.4 53.8 80.6
 98 37.3 28.8 43.2





#30
Naphthalene
Concen: 4.247 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

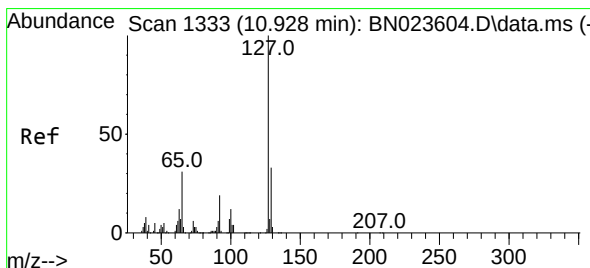
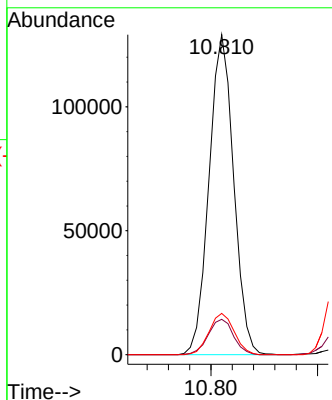
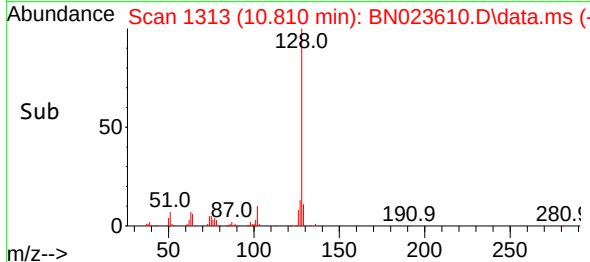
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



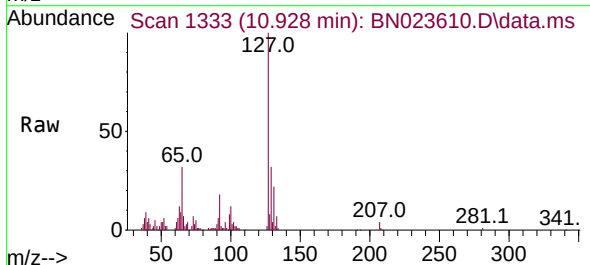
Tgt Ion:128 Resp: 207188
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.9 10.8 16.2

Manual Integrations
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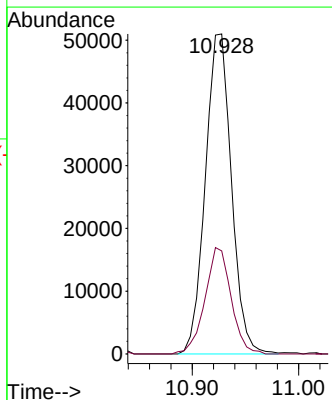
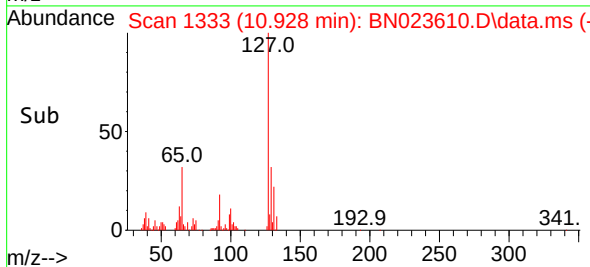
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

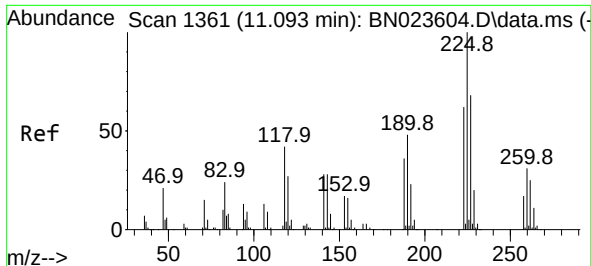


#32
4-Chloroaniline
Concen: 3.997 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



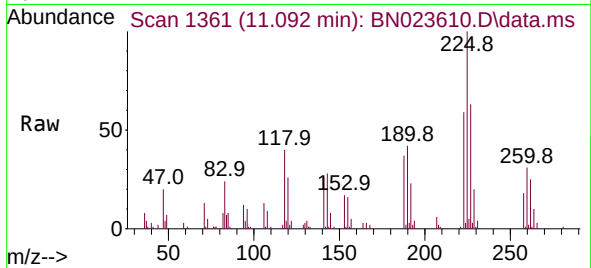
Tgt Ion:127 Resp: 87004
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6





#33
Hexachlorobutadiene
Concen: 4.294 ng/ul
RT: 11.092 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

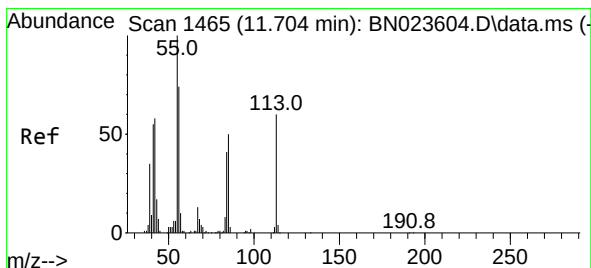
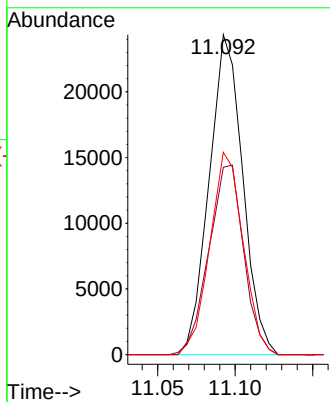
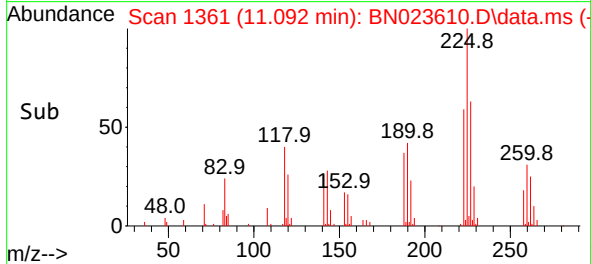
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:225 Resp: 36724
Ion Ratio Lower Upper
225 100
223 58.5 51.7 77.5
227 63.2 50.8 76.2

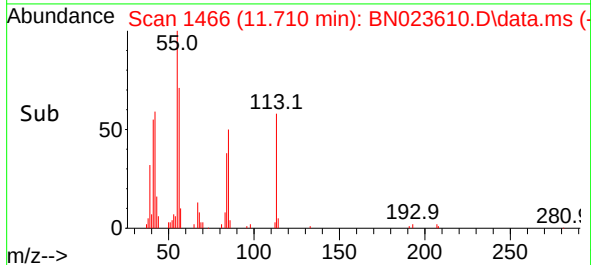
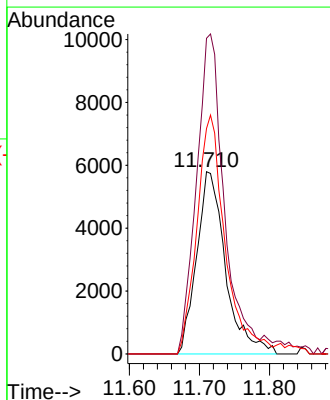
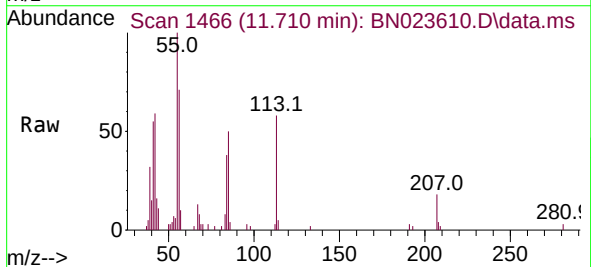
Manual Integrations
APPROVED

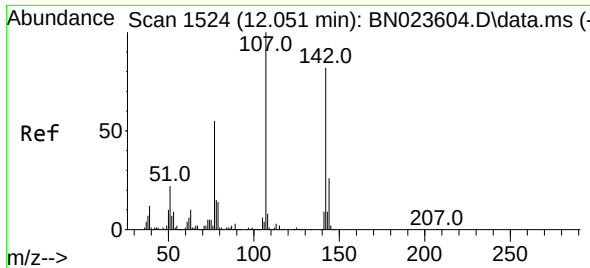
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#34
Caprolactam
Concen: 3.576 ng/ul m
RT: 11.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

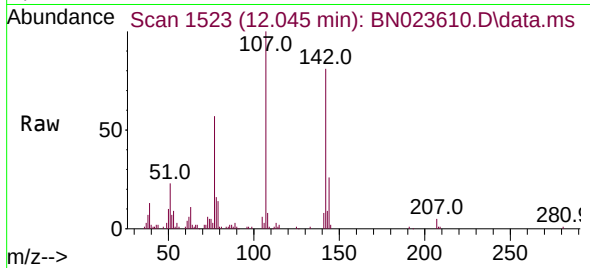
Tgt Ion:113 Resp: 16606
Ion Ratio Lower Upper
113 100
55 173.3 129.1 193.7
56 123.7 94.2 141.4





#35
4-Chloro-3-methylphenol
Concen: 3.720 ng/ul
RT: 12.045 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



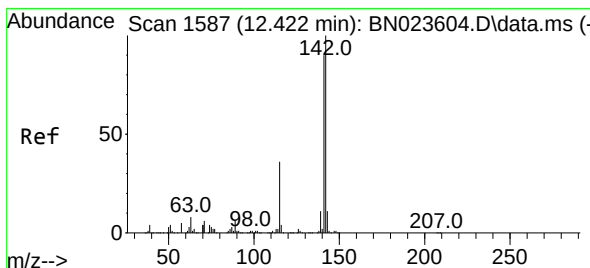
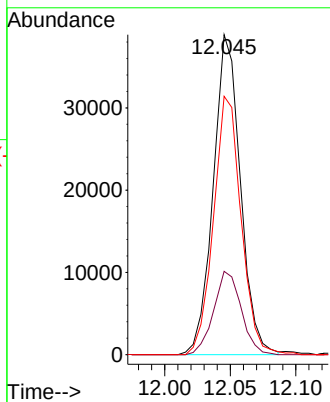
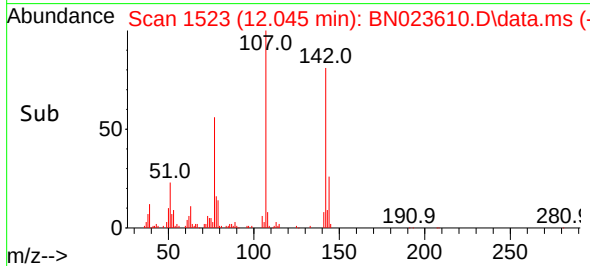
Tgt Ion:107 Resp: 5608
Ion Ratio Lower Upper
107 100
144 26.0 21.9 32.9
142 80.7 64.0 96.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

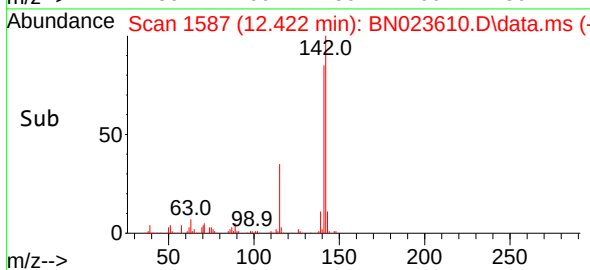
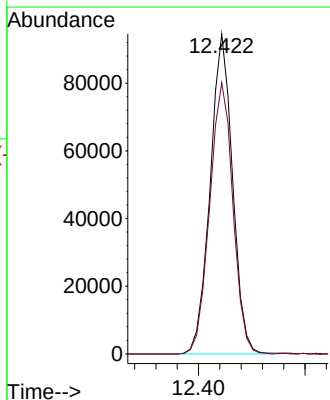
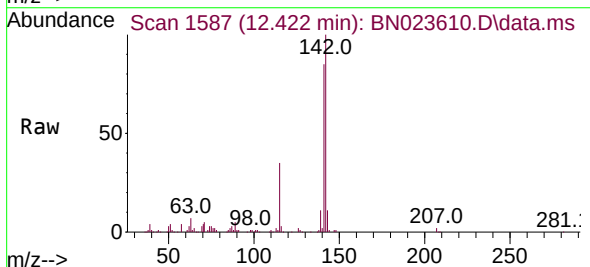
01/12/2023
Supervised By :mohammad
ahmed

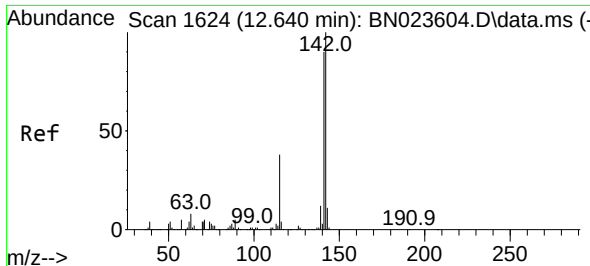
01/12/2023



#36
2-Methylnaphthalene
Concen: 4.241 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

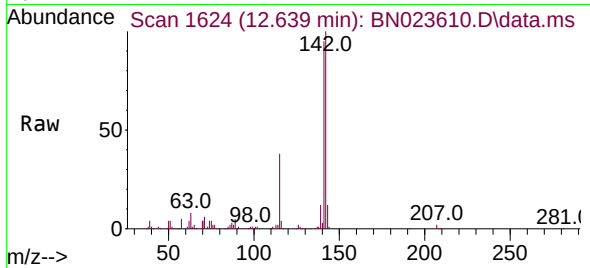
Tgt Ion:142 Resp: 137919
Ion Ratio Lower Upper
142 100
141 84.7 73.6 110.4





#37
1-Methylnaphthalene
Concen: 3.823 ng/ul
RT: 12.639 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

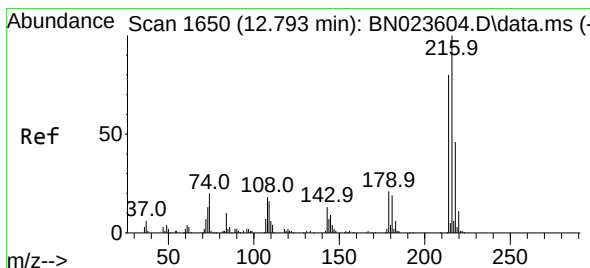
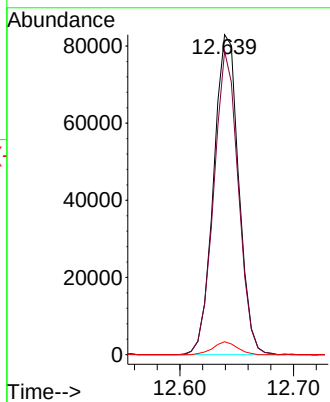
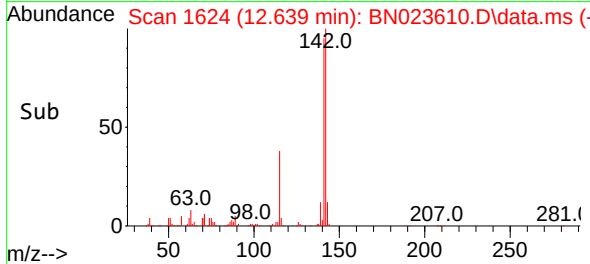
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:142 Resp: 127033
Ion Ratio Lower Upper
142 100
141 94.8 73.8 110.6
116 4.0 3.0 4.4

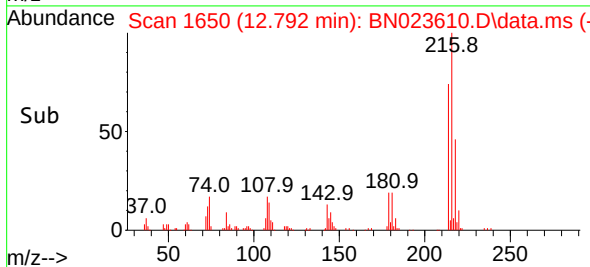
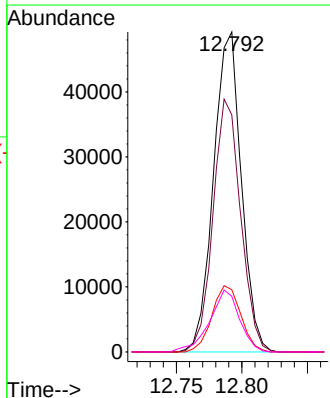
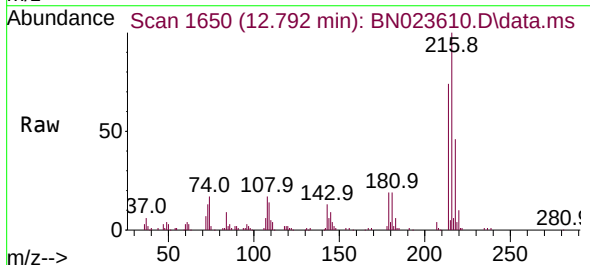
Manual Integrations
APPROVED

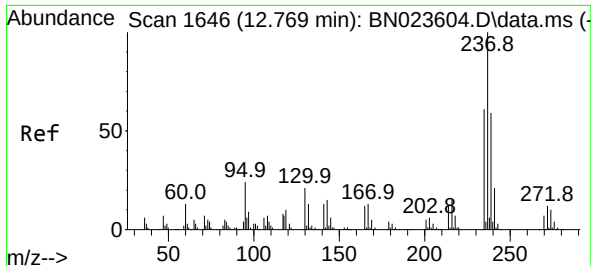
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.323 ng/ul
RT: 12.792 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

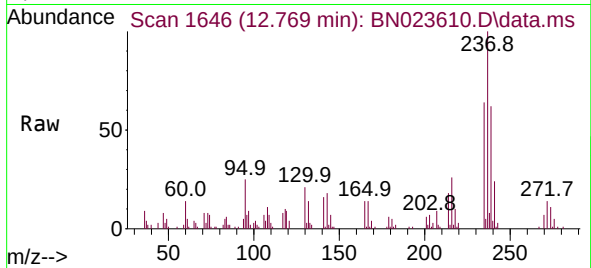
Tgt Ion:216 Resp: 72630
Ion Ratio Lower Upper
216 100
214 74.1 62.4 93.6
179 19.4 16.2 24.2
108 17.4 14.6 21.8





#40
Hexachlorocyclopentadiene
Concen: 3.226 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

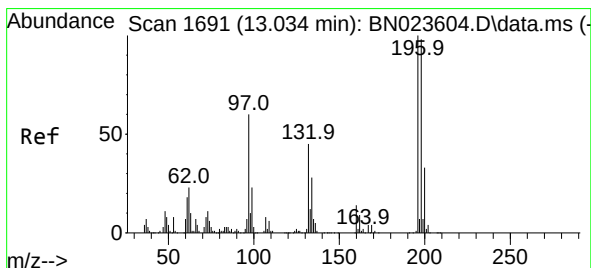
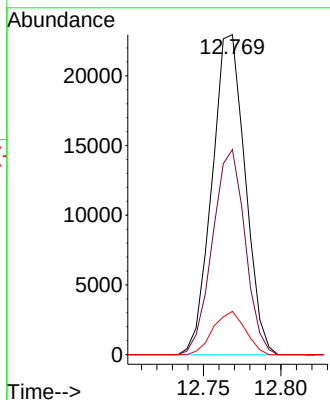
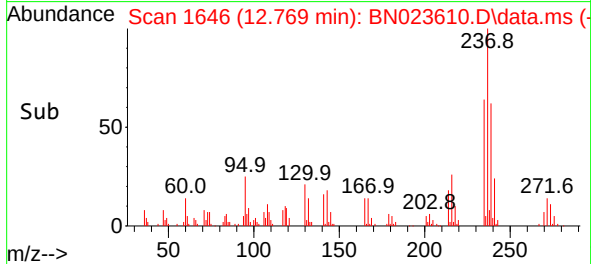
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:237 Resp: 34165
Ion Ratio Lower Upper
237 100
235 68.8 51.0 76.4
272 13.5 9.8 14.8

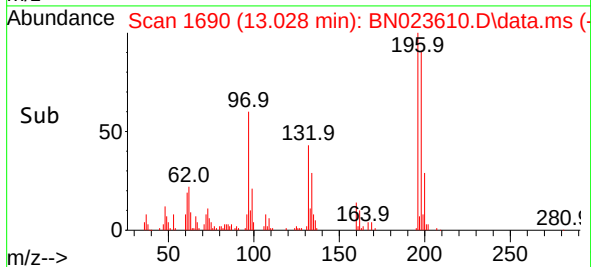
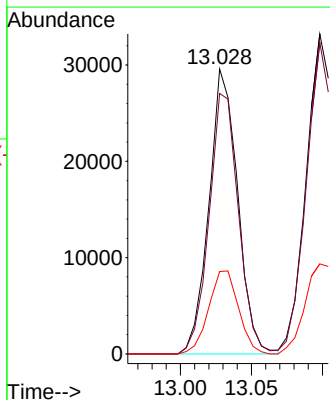
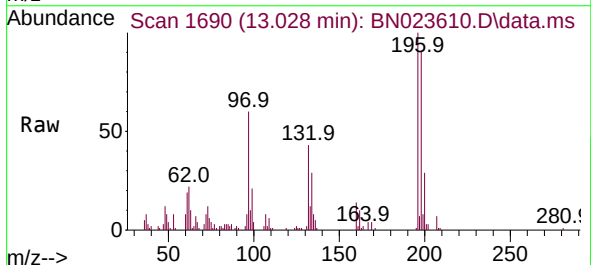
Manual Integrations
APPROVED

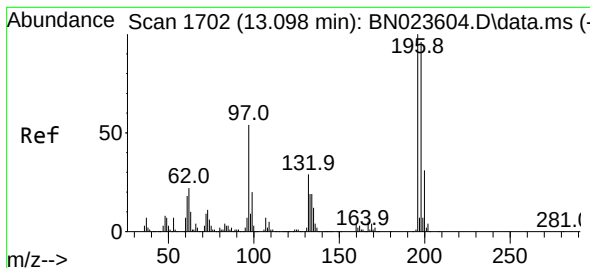
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#41
2,4,6-Trichlorophenol
Concen: 3.763 ng/ul
RT: 13.028 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

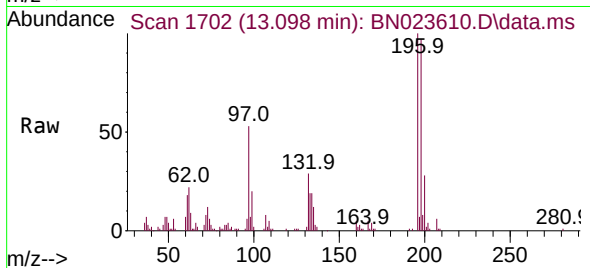
Tgt Ion:196 Resp: 41678
Ion Ratio Lower Upper
196 100
198 91.4 71.4 107.0
200 28.9 22.5 33.7





#42
2,4,5-Trichlorophenol
Concen: 3.945 ng/ul
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

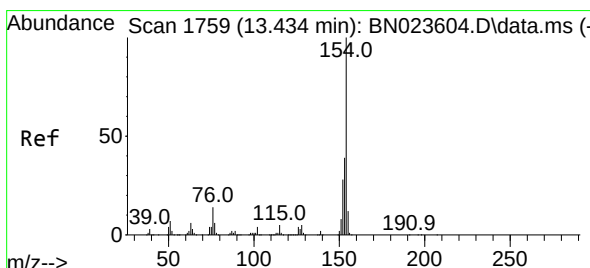
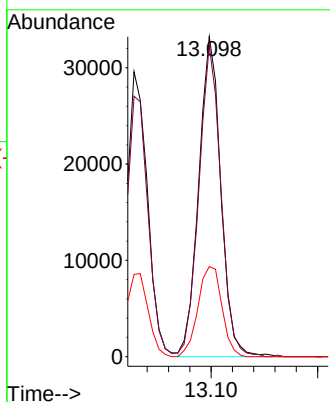
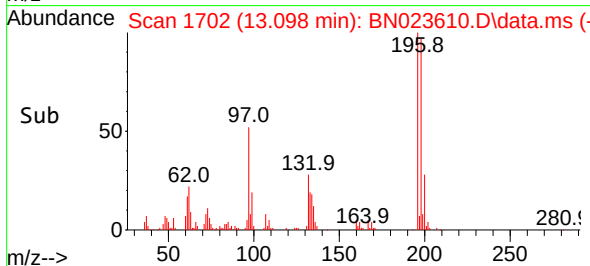
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:196 Resp: 47780
Ion Ratio Lower Upper
196 100
198 97.3 68.1 102.1
200 28.1 24.1 36.1

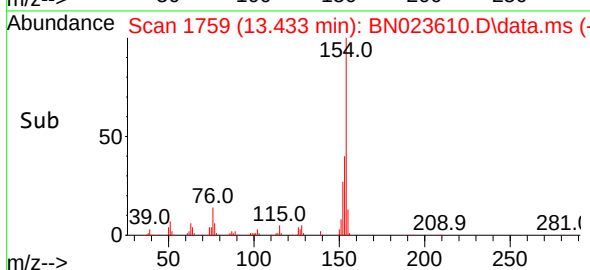
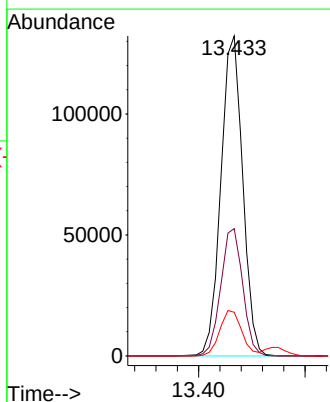
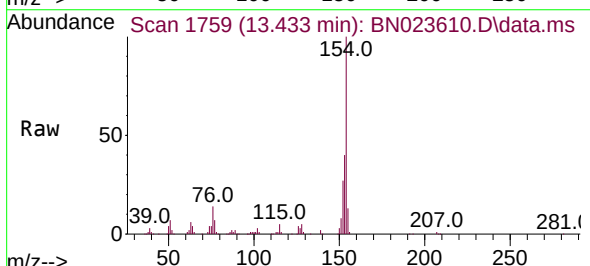
Manual Integrations
APPROVED

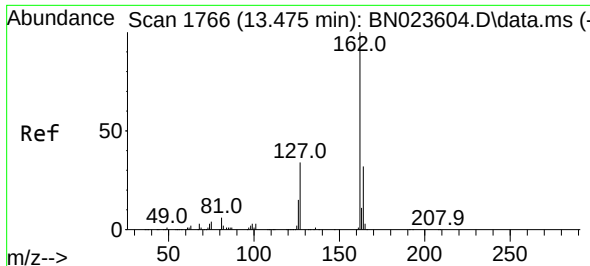
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#43
1,1'-Biphenyl
Concen: 4.298 ng/ul
RT: 13.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

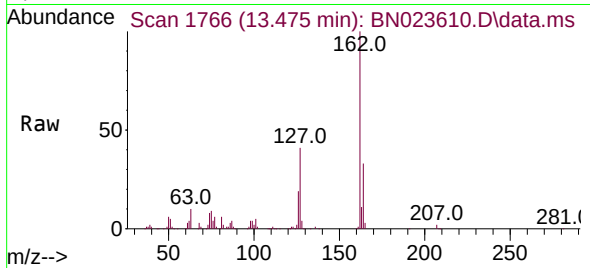
Tgt Ion:154 Resp: 188359
Ion Ratio Lower Upper
154 100
153 39.8 32.5 48.7
76 13.6 11.0 16.6





#44
2-Chloronaphthalene
Concen: 4.343 ng/ul
RT: 13.475 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

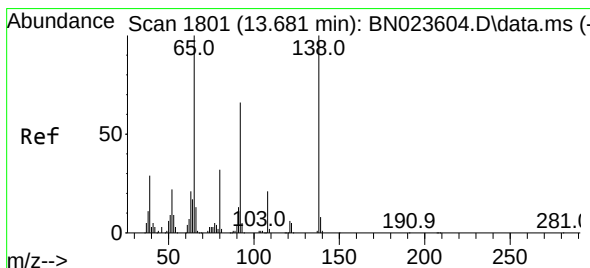
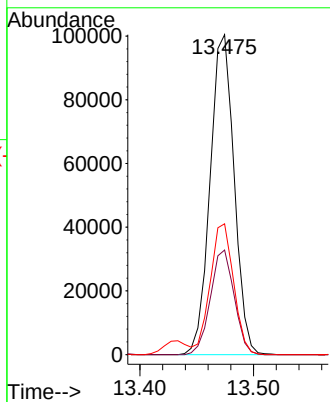
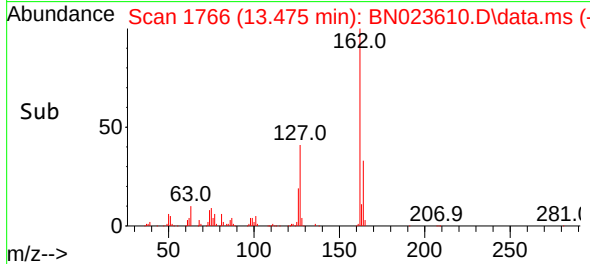
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



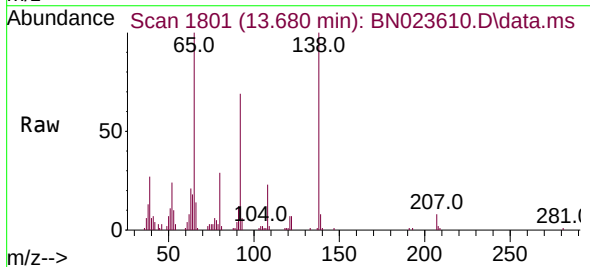
Tgt Ion:162 Resp: 147660
Ion Ratio Lower Upper
162 100
164 32.7 26.2 39.2
127 40.9 31.8 47.8

Manual Integrations
APPROVED

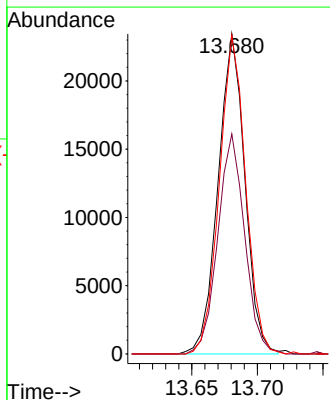
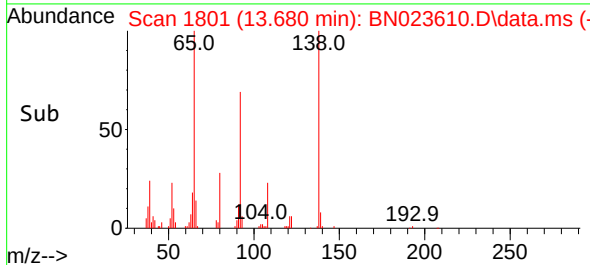
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

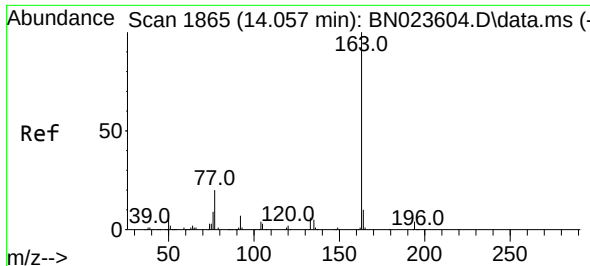


#45
2-Nitroaniline
Concen: 3.544 ng/ul
RT: 13.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



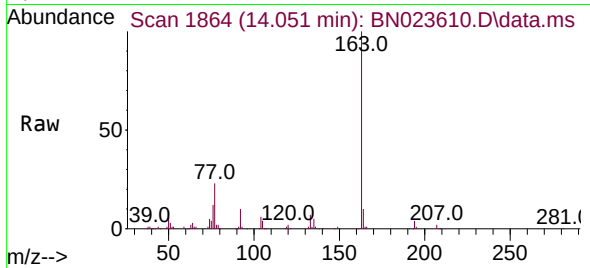
Tgt Ion: 65 Resp: 33228
Ion Ratio Lower Upper
65 100
92 68.7 53.5 80.3
138 99.5 84.0 126.0





#47
Dimethylphthalate
Concen: 4.187 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

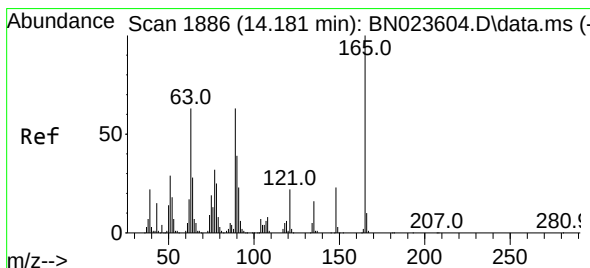
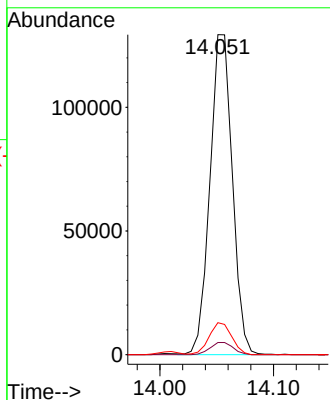
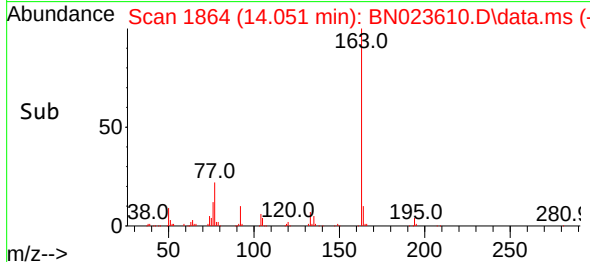
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



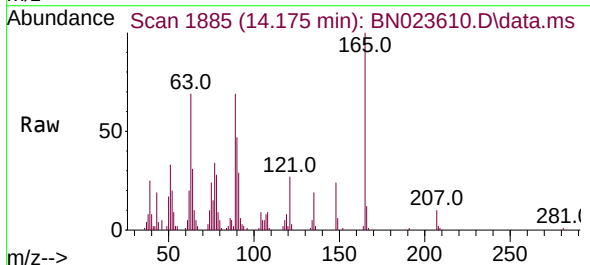
Tgt Ion:163 Resp: 177815
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 7.9 11.9

Manual Integrations
APPROVED

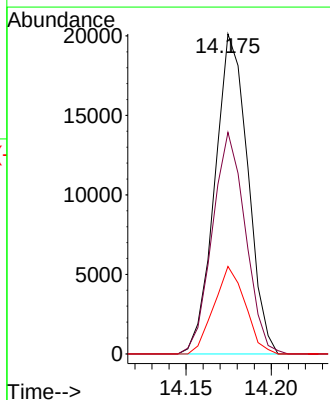
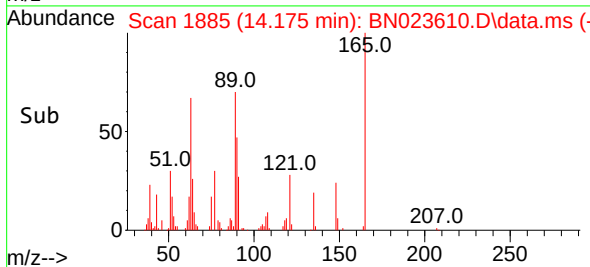
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

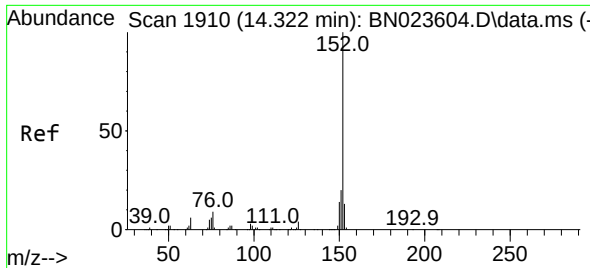


#48
2,6-Dinitrotoluene
Concen: 3.369 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



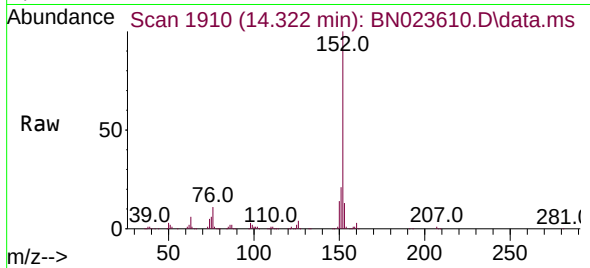
Tgt Ion:165 Resp: 27042
Ion Ratio Lower Upper
165 100
89 69.2 49.9 74.9
121 27.3 19.1 28.7





#50
Acenaphthylene
Concen: 4.279 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

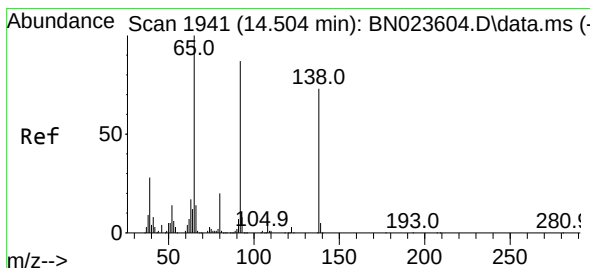
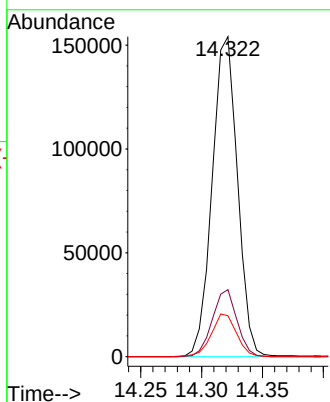
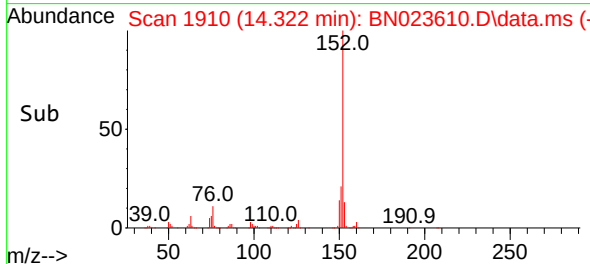
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



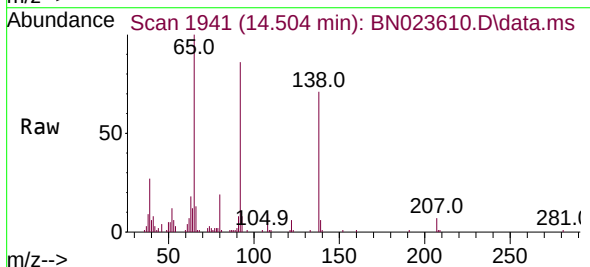
Tgt Ion:152 Resp: 222782
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.8
153 12.8 10.2 15.4

Manual Integrations
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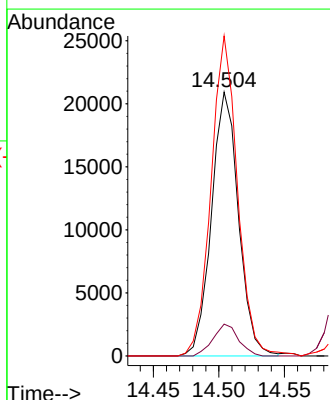
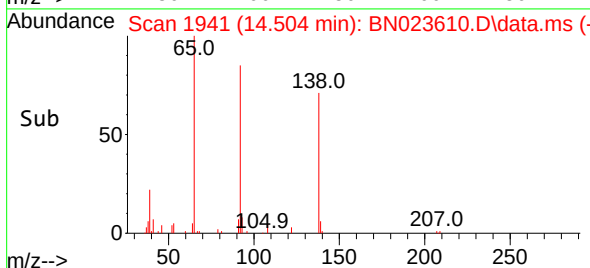
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

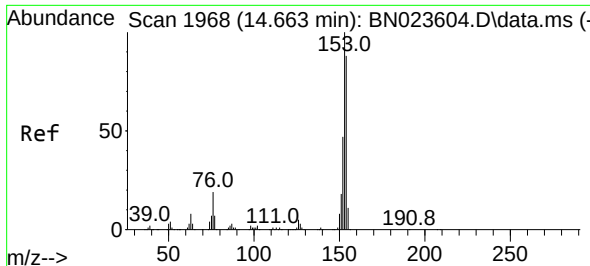


#51
3-Nitroaniline
Concen: 3.731 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



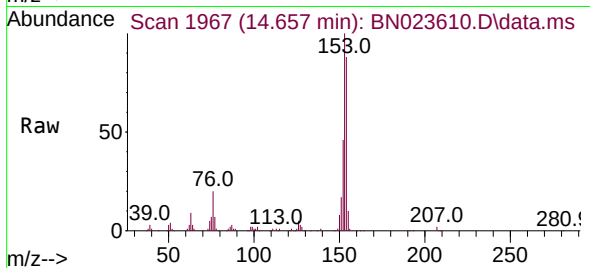
Tgt Ion:138 Resp: 30016
Ion Ratio Lower Upper
138 100
108 12.0 8.1 12.1
92 121.3 93.2 139.8





#52
Acenaphthene
Concen: 4.357 ng/ul
RT: 14.657 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

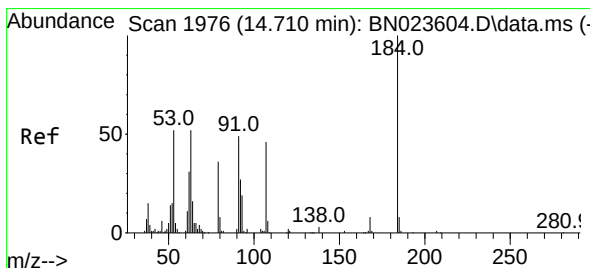
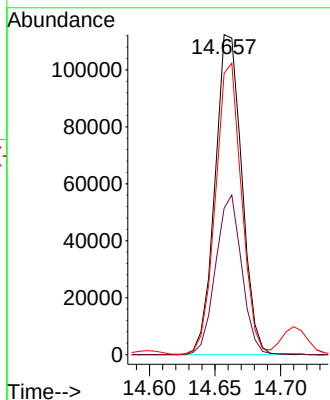
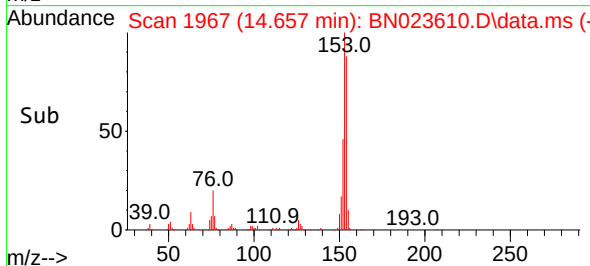
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



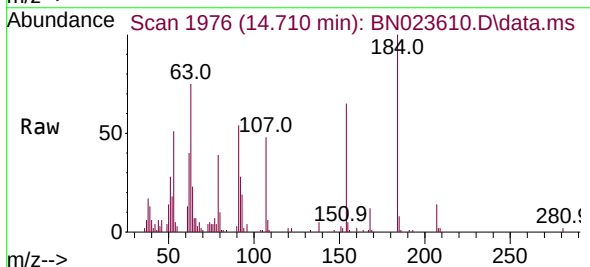
Tgt Ion:153 Resp: 159937
Ion Ratio Lower Upper
153 100
152 45.7 38.5 57.7
154 87.9 71.5 107.3

Manual Integrations
APPROVED

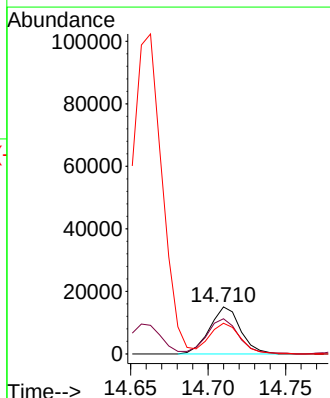
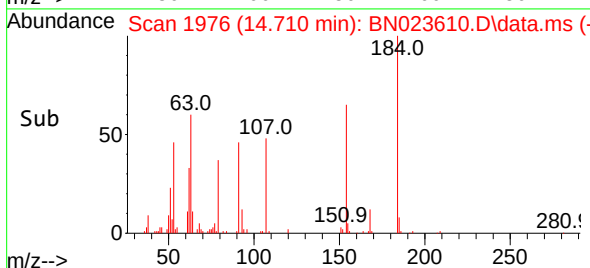
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

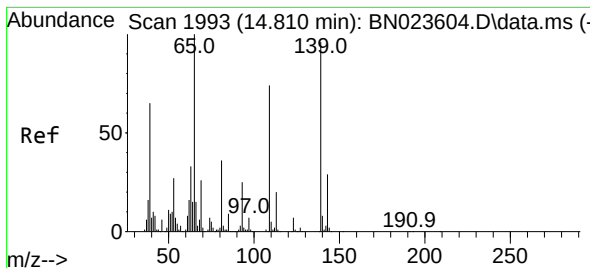


#53
2,4-Dinitrophenol
Concen: 3.973 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



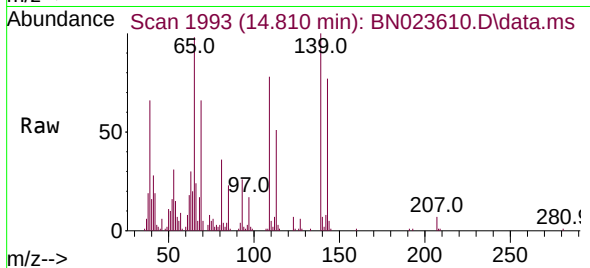
Tgt Ion:184 Resp: 20848
Ion Ratio Lower Upper
184 100
63 74.9 58.2 87.4
154 65.3 49.4 74.0





#55
4-Nitrophenol
Concen: 3.967 ng/ul
RT: 14.810 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

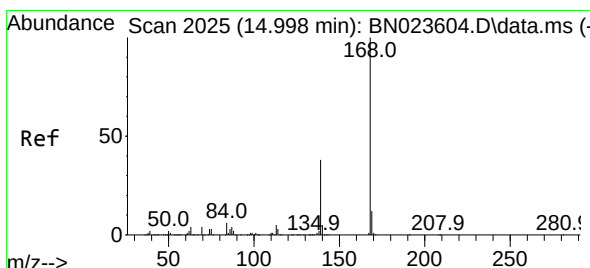
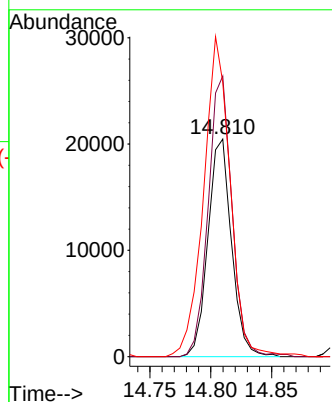
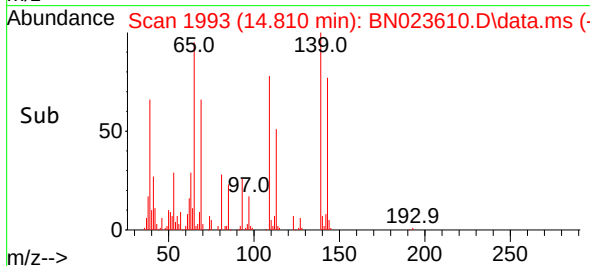
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:109 Resp: 27558
Ion Ratio Lower Upper
109 100
139 129.0 104.8 157.2
65 126.0 107.3 160.9

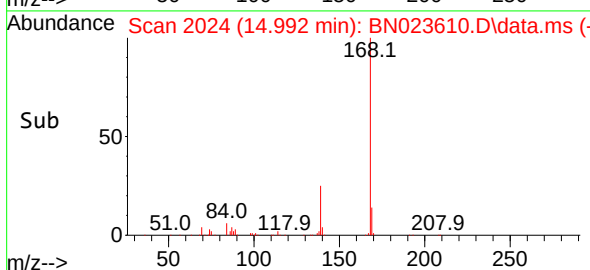
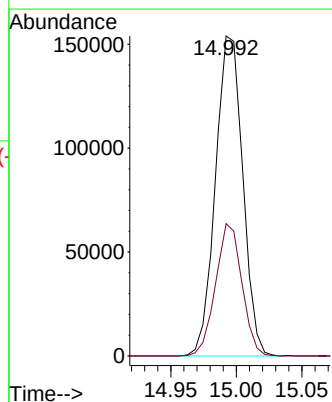
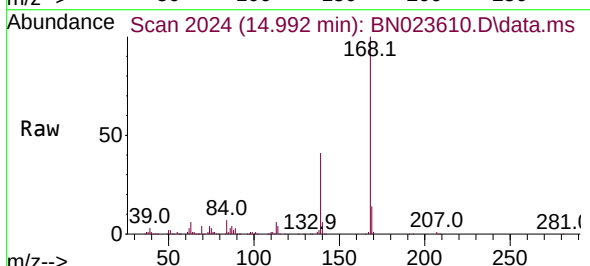
Manual Integrations
APPROVED

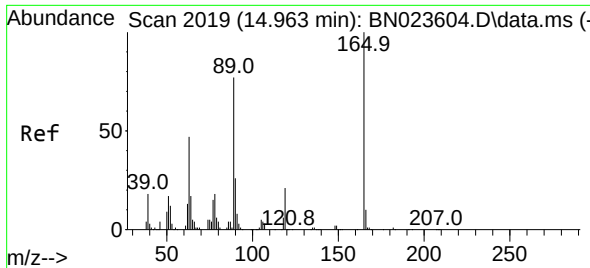
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#56
Dibenzofuran
Concen: 4.368 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

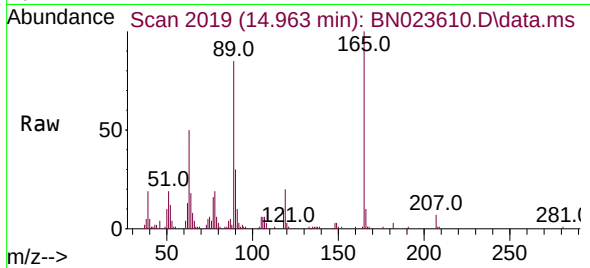
Tgt Ion:168 Resp: 223154
Ion Ratio Lower Upper
168 100
139 41.3 29.6 44.4





#57
2,4-Dinitrotoluene
Concen: 3.582 ng/ul
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

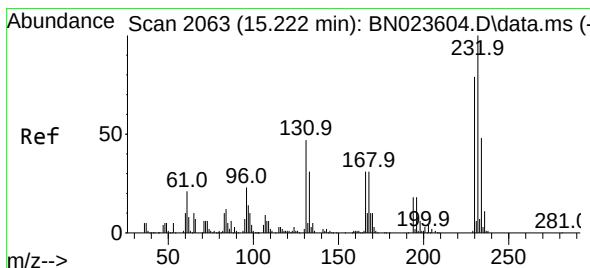
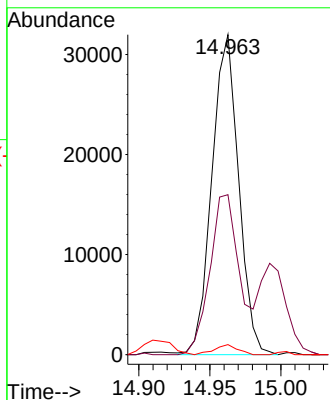
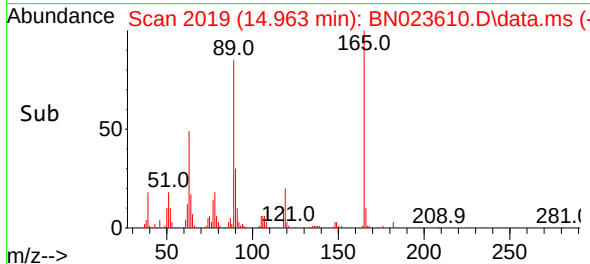
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:165 Resp: 41977
Ion Ratio Lower Upper
165 100
63 50.0 37.2 55.8
182 3.1 2.2 3.2

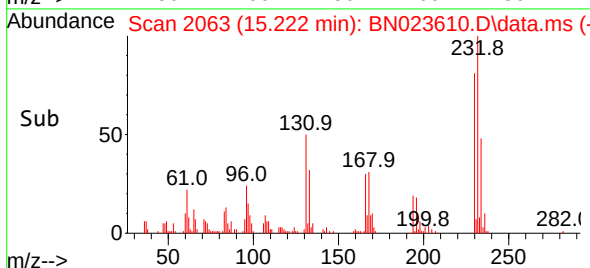
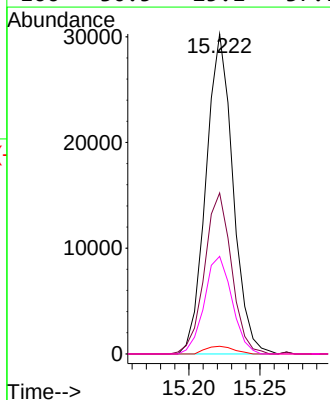
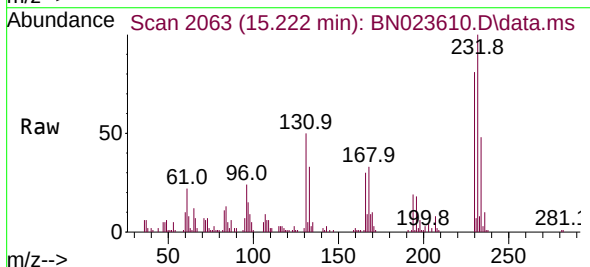
Manual Integrations
APPROVED

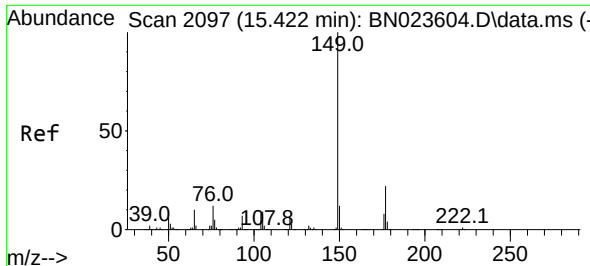
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.857 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

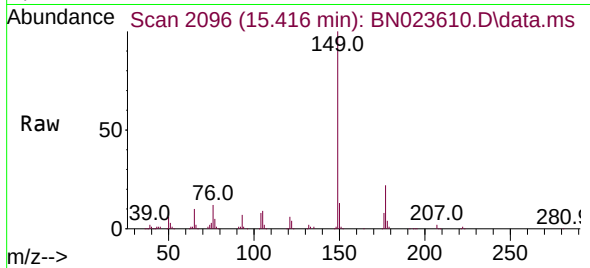
Tgt Ion:232 Resp: 40024
Ion Ratio Lower Upper
232 100
131 50.3 39.5 59.3
130 2.4 2.2 3.4
166 30.5 25.1 37.7





#59
Diethylphthalate
Concen: 4.061 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

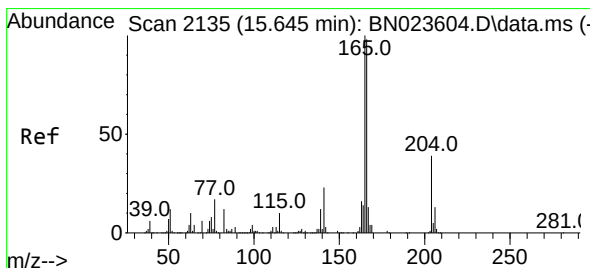
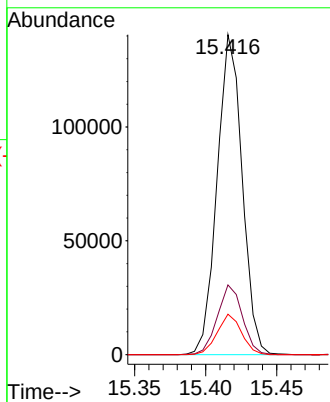
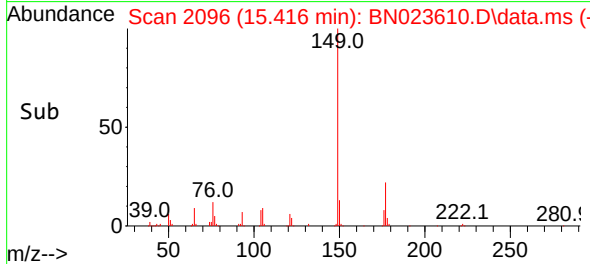
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:149 Resp: 172730
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.6 9.9 14.9

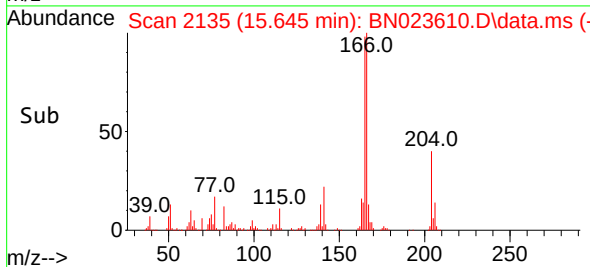
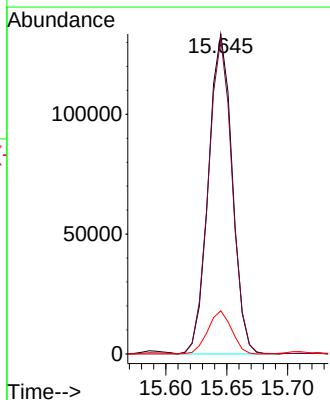
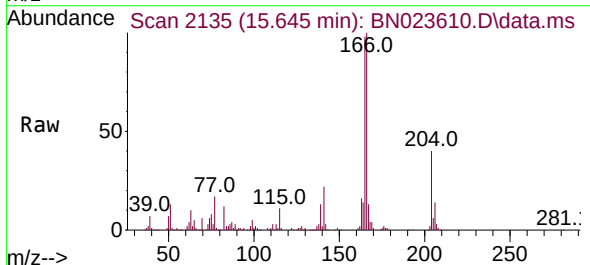
Manual Integrations
APPROVED

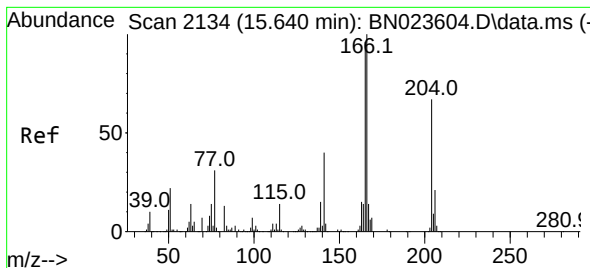
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#61
Fluorene
Concen: 4.384 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

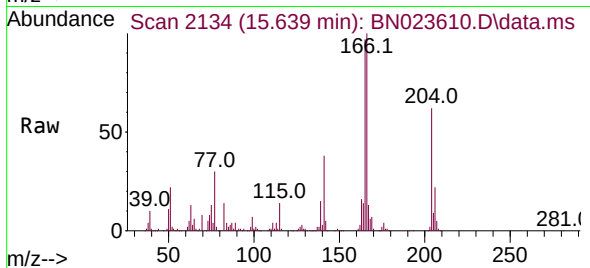
Tgt Ion:166 Resp: 181395
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.6
167 13.5 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.466 ng/ul
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

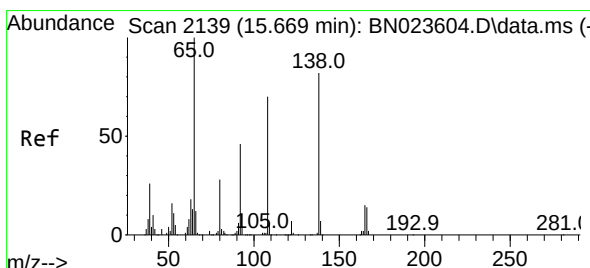
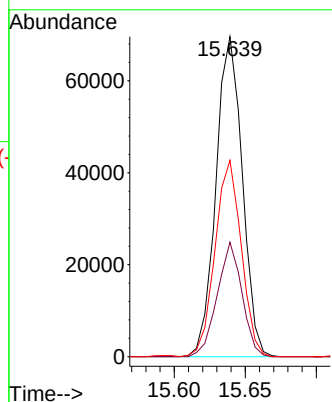
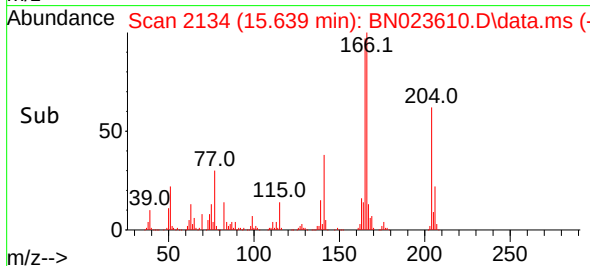
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



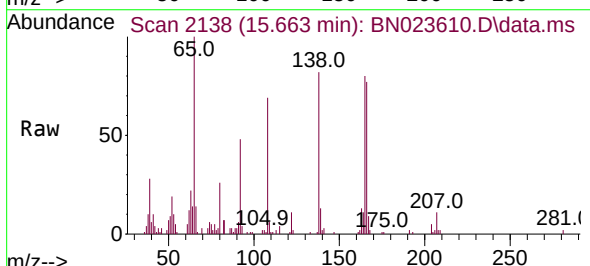
Tgt Ion:204 Resp: 89949
Ion Ratio Lower Upper
204 100
206 35.7 27.0 40.6
141 61.3 51.0 76.4

Manual Integrations
APPROVED

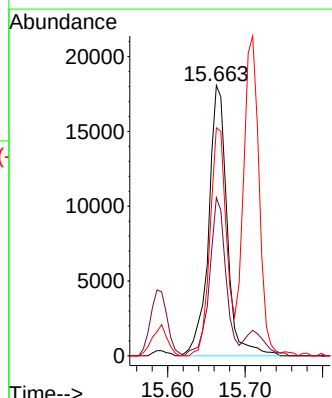
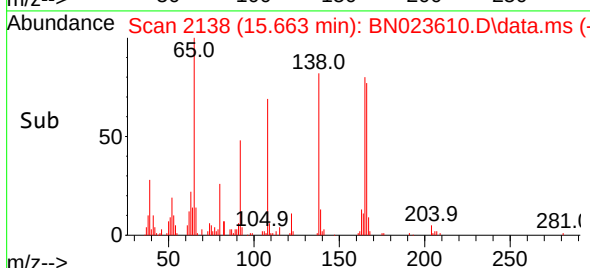
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

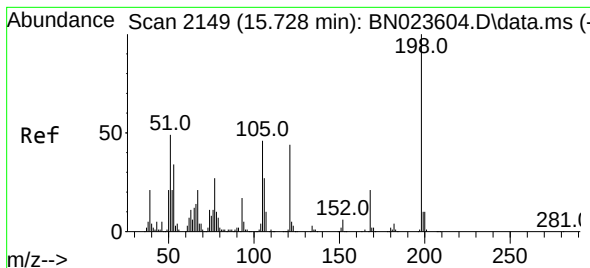


#63
4-Nitroaniline
Concen: 4.052 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40



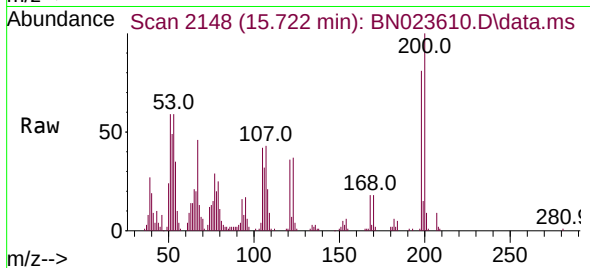
Tgt Ion:138 Resp: 30014
Ion Ratio Lower Upper
138 100
92 58.5 41.3 61.9
108 84.3 64.2 96.2





#66
4,6-Dinitro-2-methylphenol
Concen: 4.576 ng/ul
RT: 15.722 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

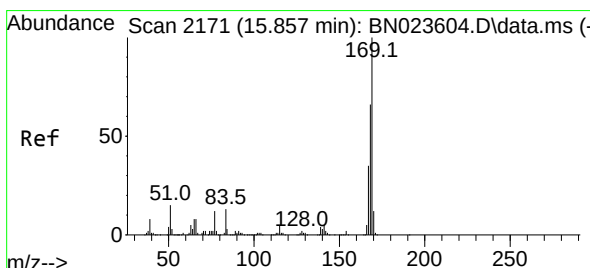
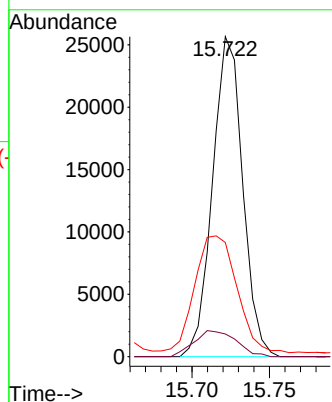
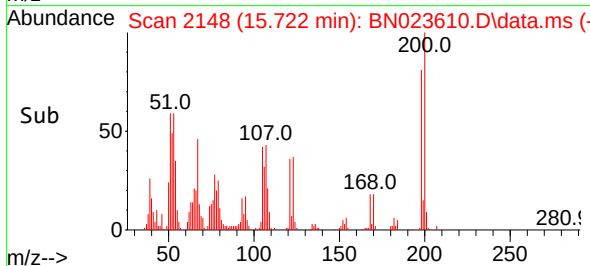
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:198 Resp: 34695
Ion Ratio Lower Upper
198 100
182 7.1 3.6 5.4
77 35.7 21.2 31.8

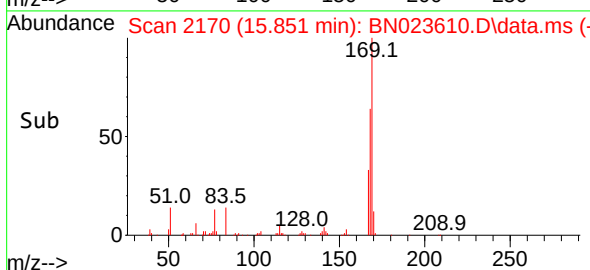
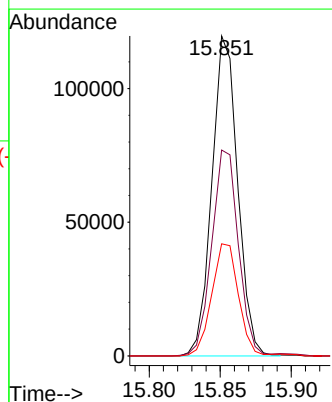
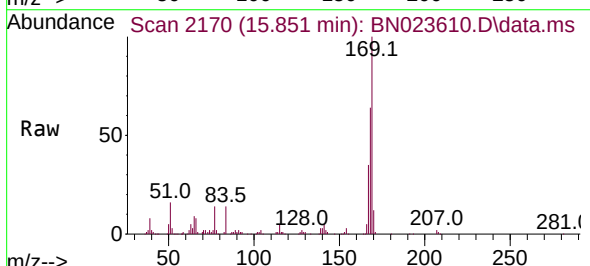
Manual Integrations
APPROVED

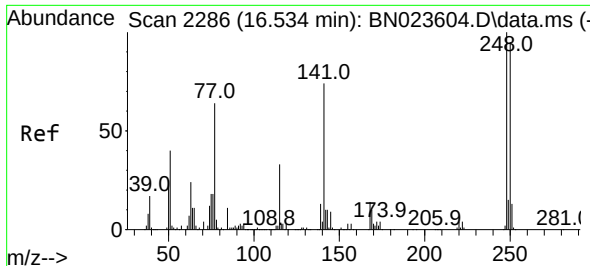
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#67
N-Nitrosodiphenylamine
Concen: 4.233 ng/ul
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

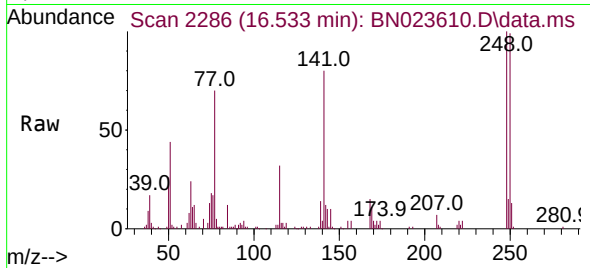
Tgt Ion:169 Resp: 151308
Ion Ratio Lower Upper
169 100
168 64.3 53.4 80.2
167 35.0 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 4.134 ng/ul
RT: 16.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

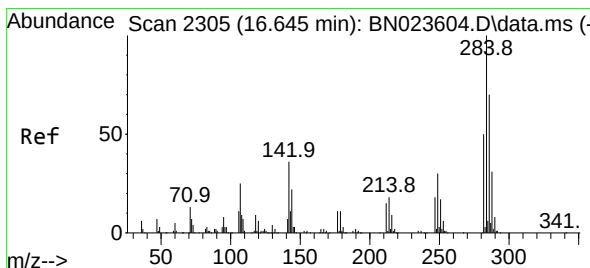
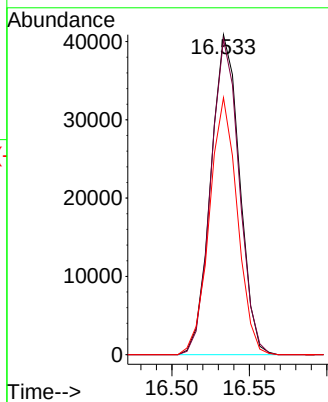
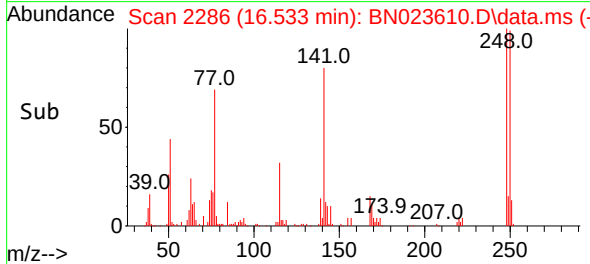
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:248 Resp: 52780
Ion Ratio Lower Upper
248 100
250 98.6 76.4 114.6
141 80.3 58.0 87.0

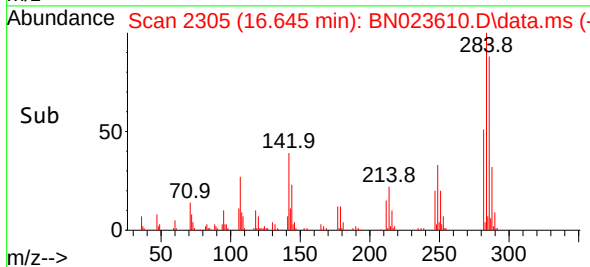
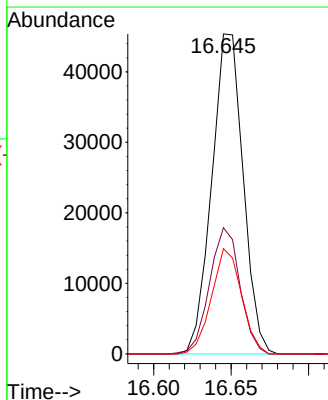
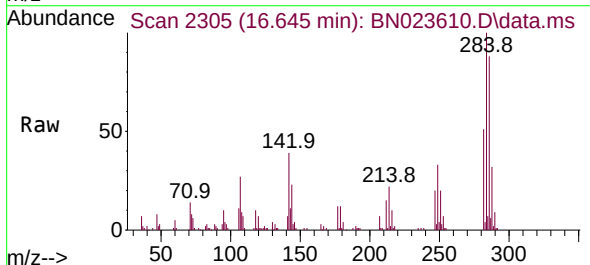
Manual Integrations
APPROVED

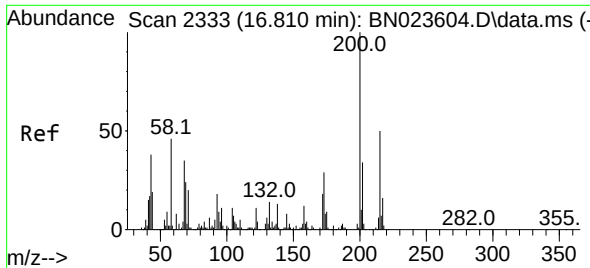
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#69
Hexachlorobenzene
Concen: 4.288 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. -0.012 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

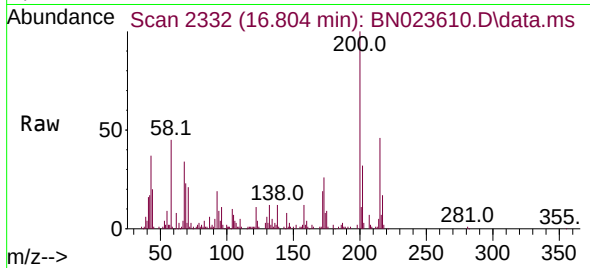
Tgt Ion:284 Resp: 64147
Ion Ratio Lower Upper
284 100
142 39.4 28.9 43.3
249 32.9 24.2 36.2





#70
 Atrazine
 Concen: 4.021 ng/ul
 RT: 16.804 min Scan# 2332
 Delta R.T. -0.012 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

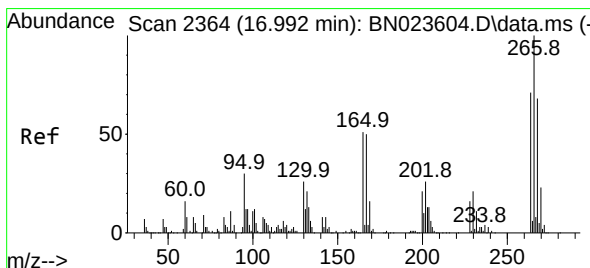
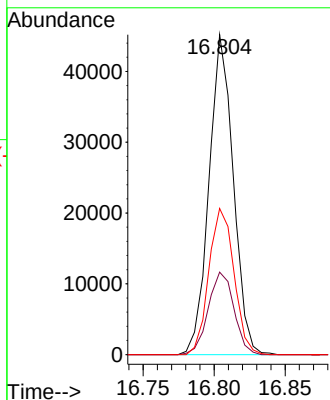
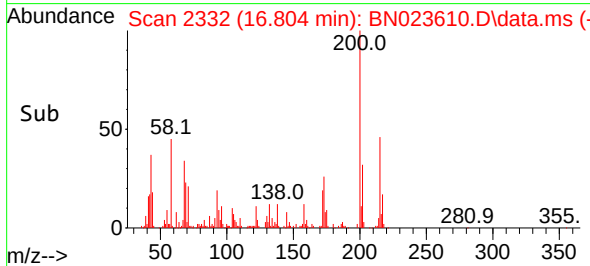
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT3-2022-05



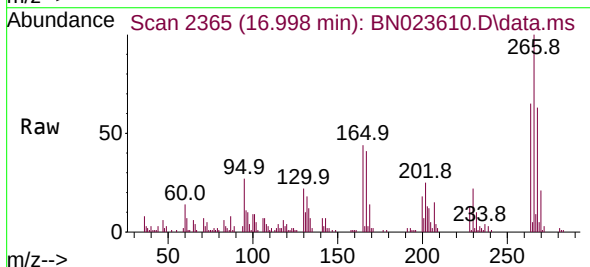
Tgt Ion:200 Resp: 53789
 Ion Ratio Lower Upper
 200 100
 173 25.8 21.4 32.2
 215 45.7 39.0 58.6

Manual Integrations
 APPROVED

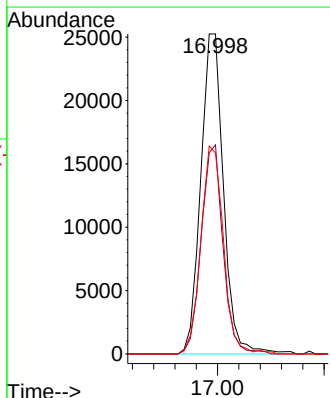
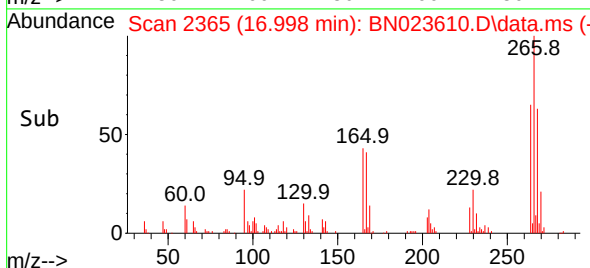
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023

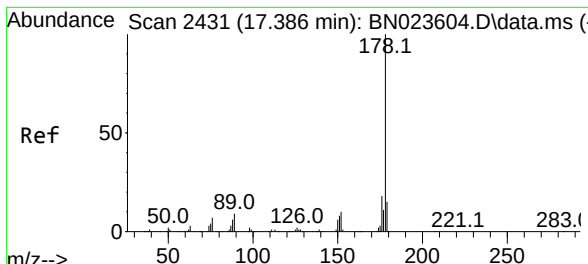


#71
 Pentachlorophenol
 Concen: 3.911 ng/ul
 RT: 16.998 min Scan# 2365
 Delta R.T. -0.000 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40



Tgt Ion:266 Resp: 37337
 Ion Ratio Lower Upper
 266 100
 264 65.3 51.4 77.0
 268 62.8 54.5 81.7





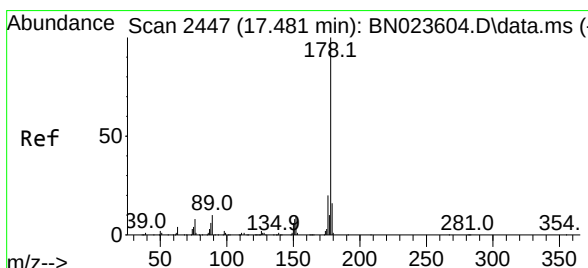
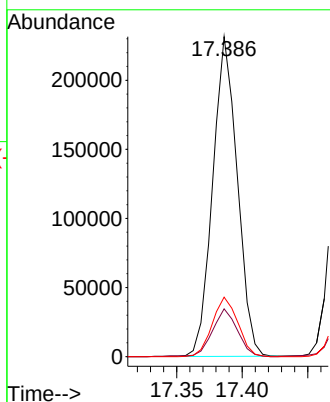
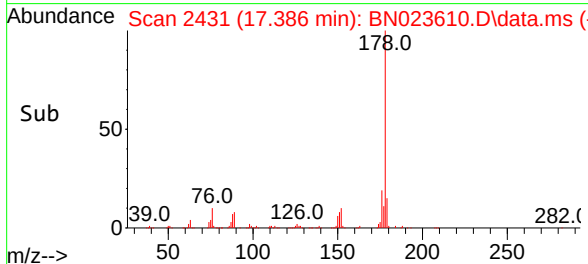
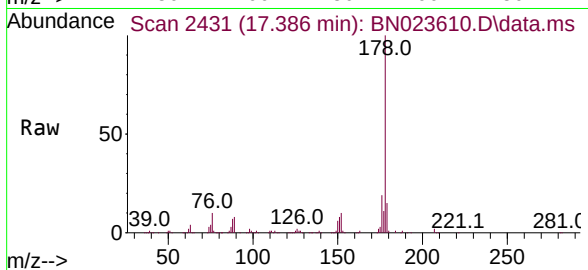
#72
 Phenanthrene
 Concen: 4.422 ng/ul
 RT: 17.386 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	178	Resp:	301744
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	18.6	15.2	22.8

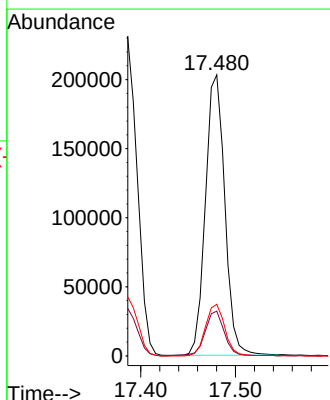
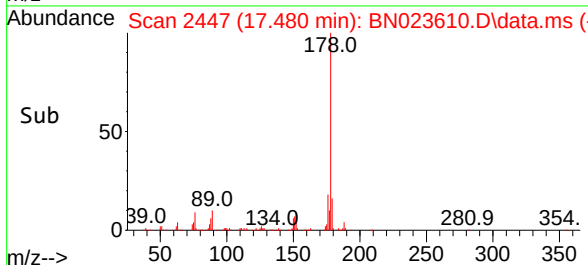
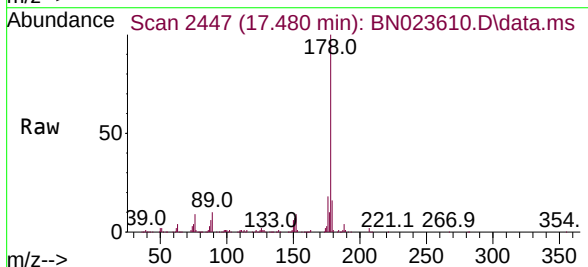
Manual Integrations
 APPROVED

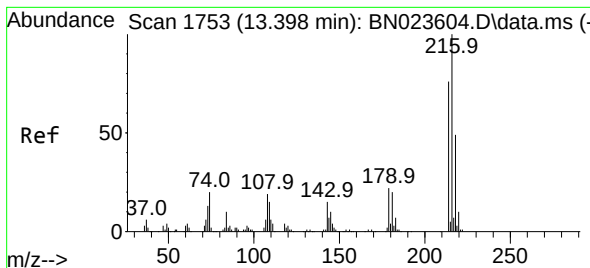
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023



#74
 Anthracene
 Concen: 4.255 ng/ul
 RT: 17.480 min Scan# 2447
 Delta R.T. -0.006 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

Tgt Ion:	178	Resp:	288990
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	18.4	15.1	22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.750 ng/uL

RT: 13.398 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BN023610.D

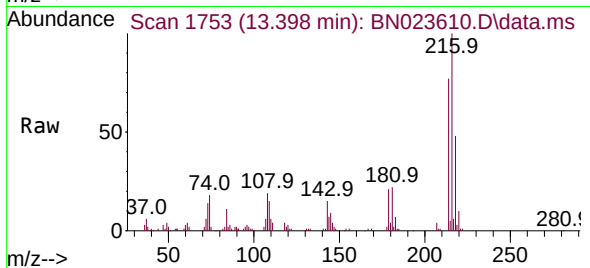
Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05

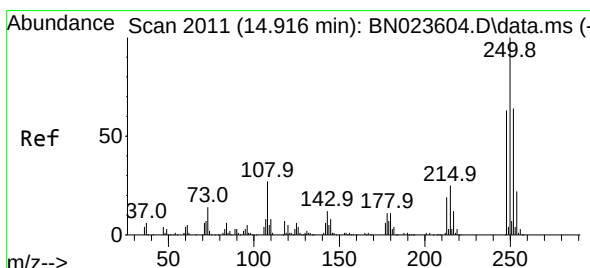
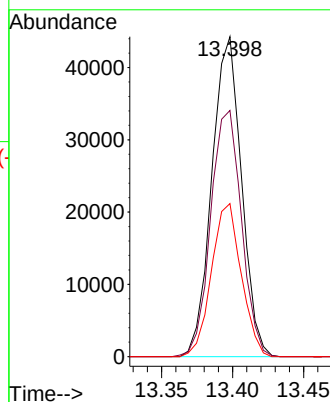
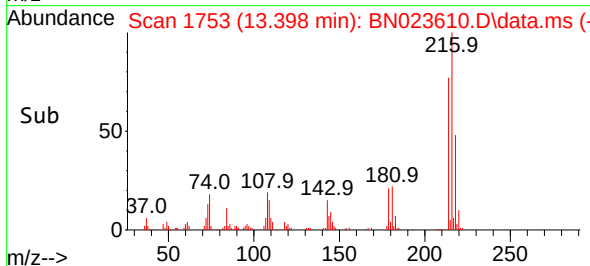


Tgt Ion:	216	Resp:	64308
Ion Ratio	Lower	Upper	
216	100		
214	76.9	61.0	91.4
218	47.8	39.8	59.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#76

Pentachlorobenzene

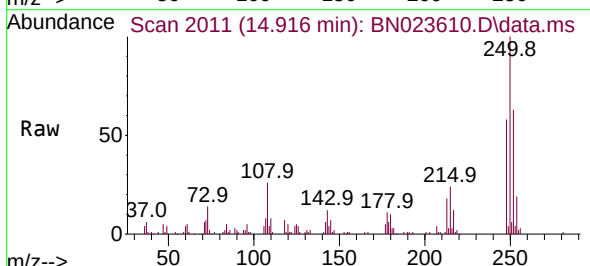
Concen: 3.835 ng/uL

RT: 14.916 min Scan# 2011

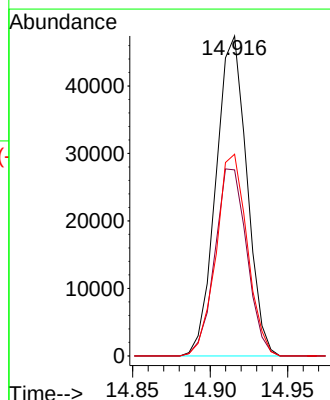
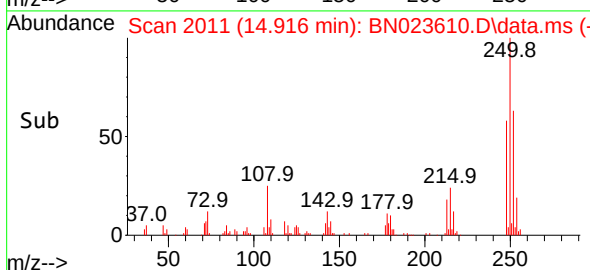
Delta R.T. -0.006 min

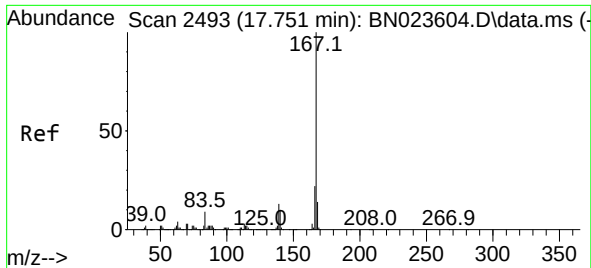
Lab File: BN023610.D

Acq: 11 Jan 2023 13:40



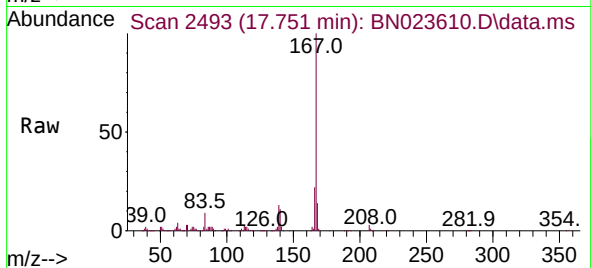
Tgt Ion:	250	Resp:	65868
Ion Ratio	Lower	Upper	
250	100		
248	58.1	50.3	75.5
252	63.0	48.9	73.3





#77
 Carbazole
 Concen: 4.134 ng/ul
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

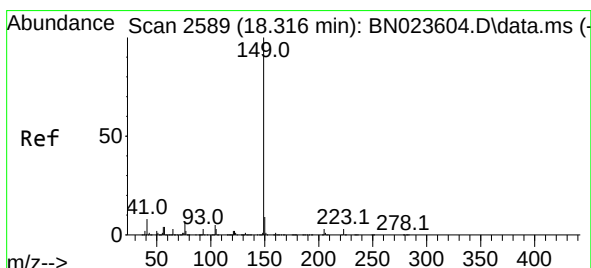
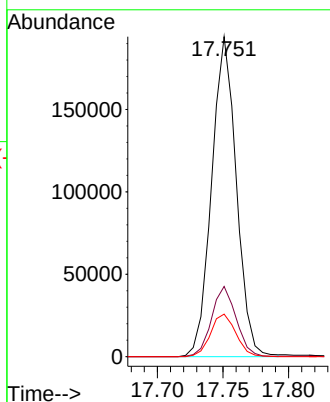
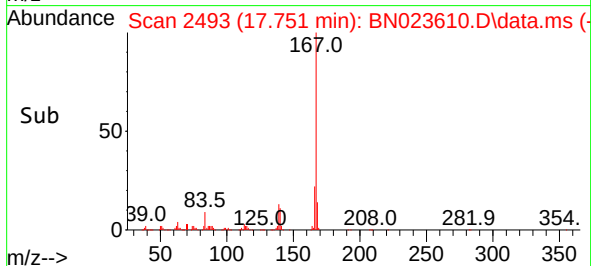
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:167 Resp: 254954
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.3 11.0 16.6

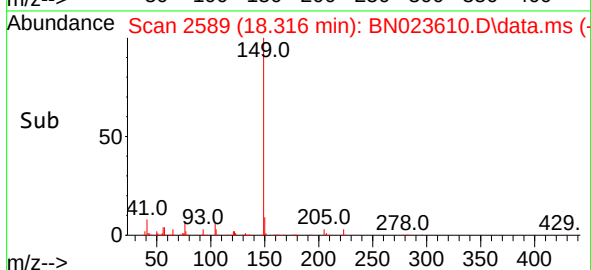
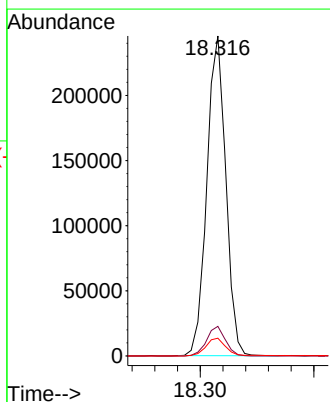
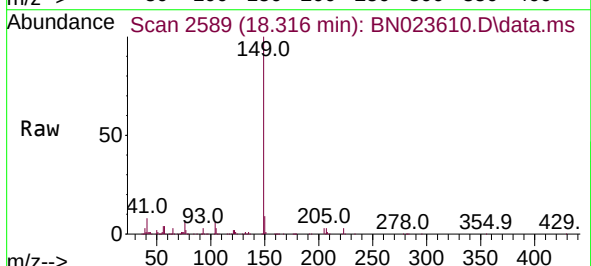
Manual Integrations
 APPROVED

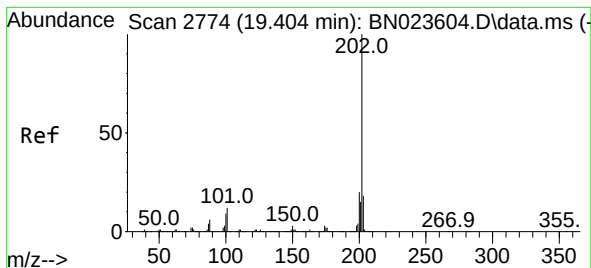
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023



#78
 Di-n-butylphthalate
 Concen: 3.882 ng/ul
 RT: 18.316 min Scan# 2589
 Delta R.T. -0.006 min
 Lab File: BN023610.D
 Acq: 11 Jan 2023 13:40

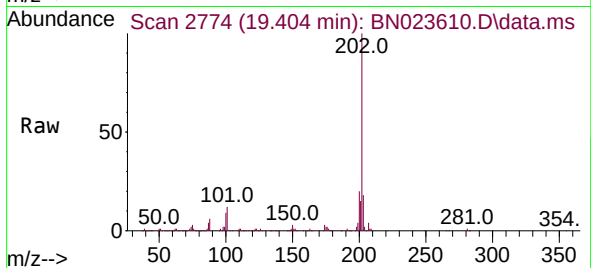
Tgt Ion:149 Resp: 284254
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.5 4.3 6.5





#80
Fluoranthene
Concen: 3.986 ng/ul
RT: 19.404 min Scan# 2774
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

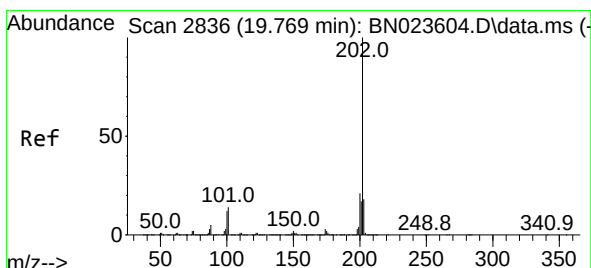
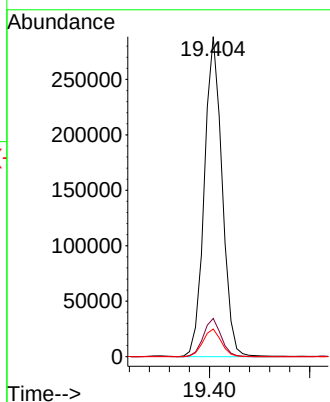
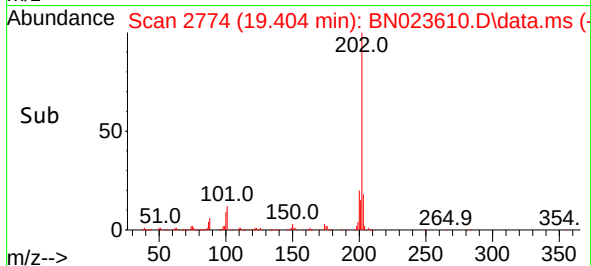
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:202 Resp: 353942
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 8.6 7.3 10.9

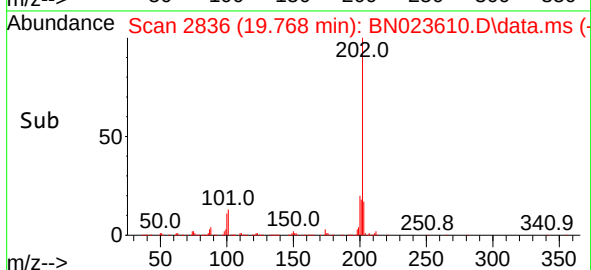
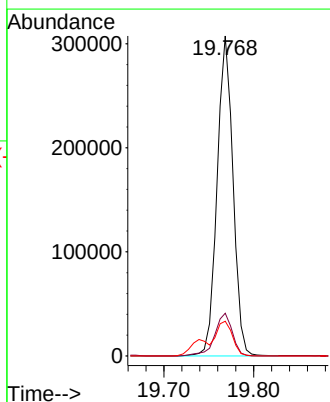
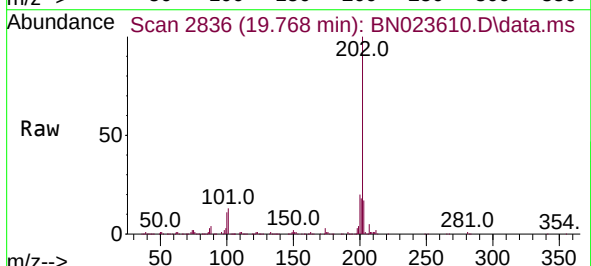
Manual Integrations
APPROVED

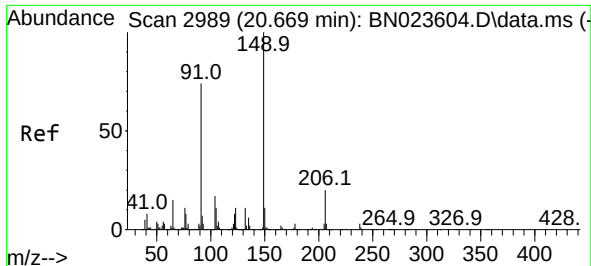
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#82
Pyrene
Concen: 4.064 ng/ul
RT: 19.768 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

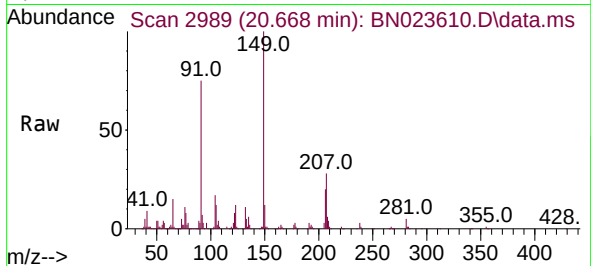
Tgt Ion:202 Resp: 381118
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.8 8.9 13.3





#83
Butylbenzylphthalate
Concen: 3.452 ng/ul
RT: 20.668 min Scan# 2989
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

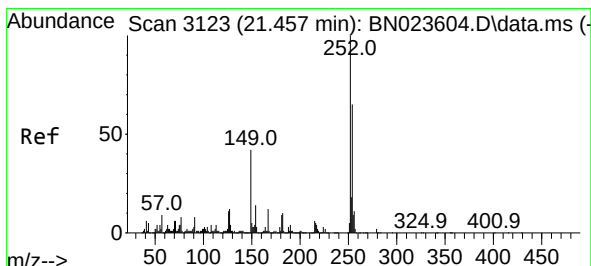
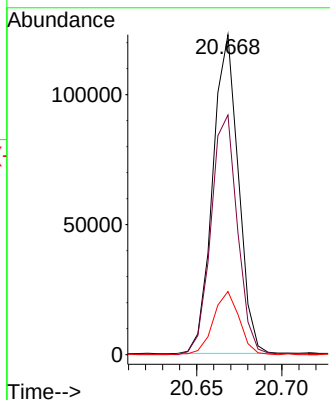
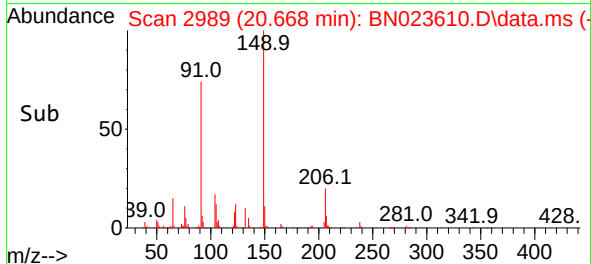
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:149 Resp: 128172
Ion Ratio Lower Upper
149 100
91 74.9 57.9 86.9
206 19.7 16.8 25.2

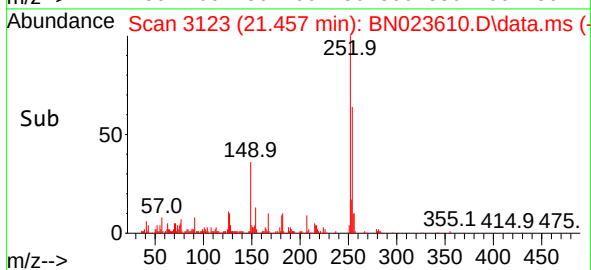
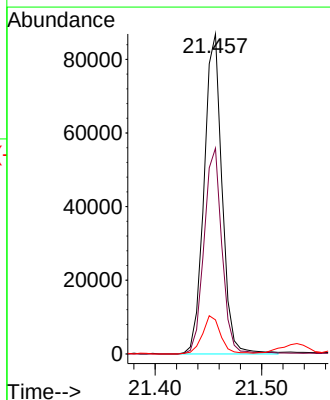
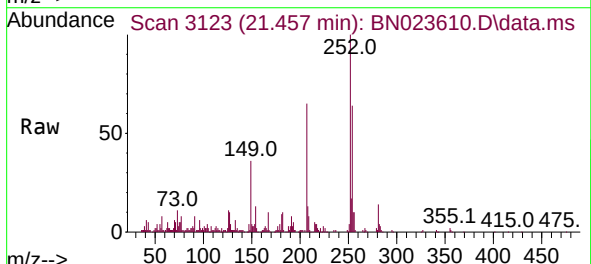
Manual Integrations
APPROVED

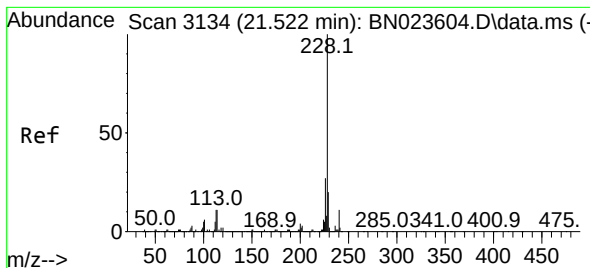
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#84
3,3'-Dichlorobenzidine
Concen: 3.506 ng/ul
RT: 21.457 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BN023610.D
Acq: 11 Jan 2023 13:40

Tgt Ion:252 Resp: 101646
Ion Ratio Lower Upper
252 100
254 64.3 51.2 76.8
126 10.6 8.8 13.2





#85

Benzo(a)anthracene

Concen: 4.054 ng/ul

RT: 21.521 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05

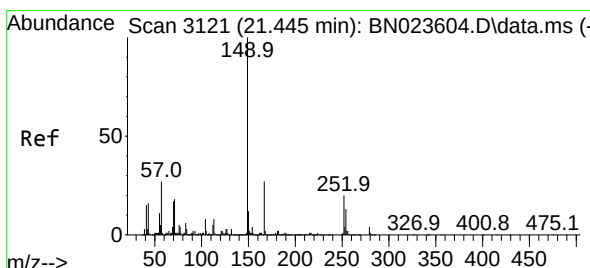
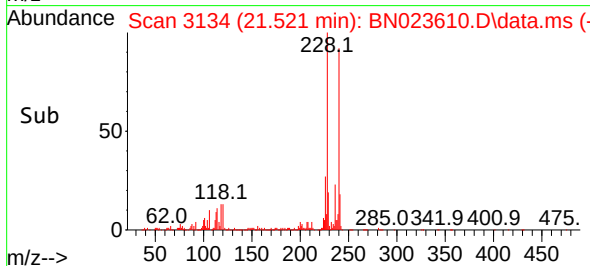
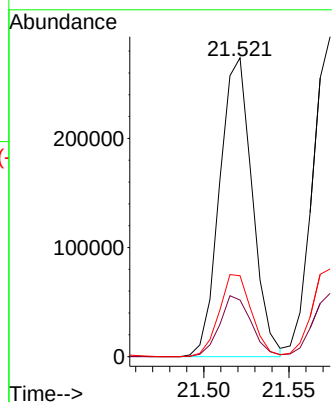
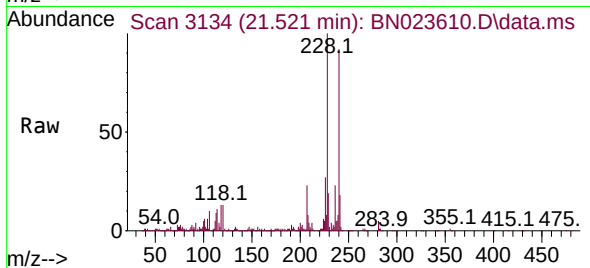
Tgt Ion:228 Resp: 364490

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.0	22.4
226	27.1	22.1	33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.745 ng/ul

RT: 21.445 min Scan# 3121

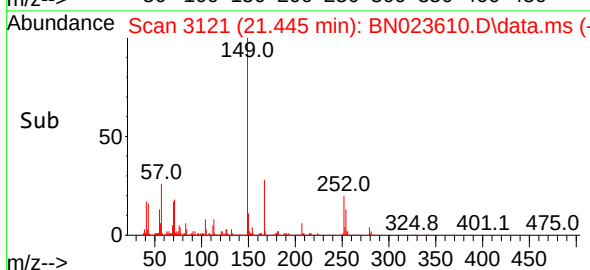
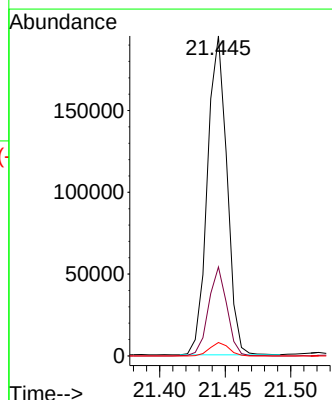
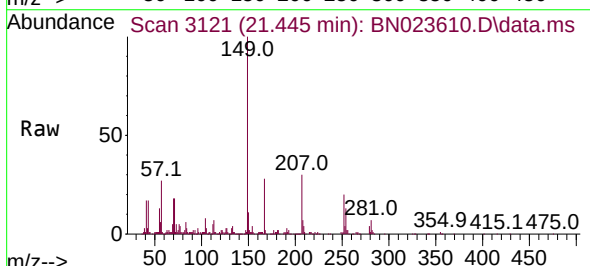
Delta R.T. -0.006 min

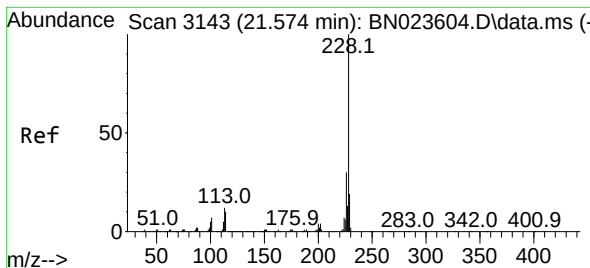
Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Tgt Ion:149 Resp: 201878

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	4.2	3.4	5.2





#87

Chrysene

Concen: 4.243 ng/ul

RT: 21.574 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05

Tgt Ion:228 Resp: 357702

Ion Ratio Lower Upper

228 100

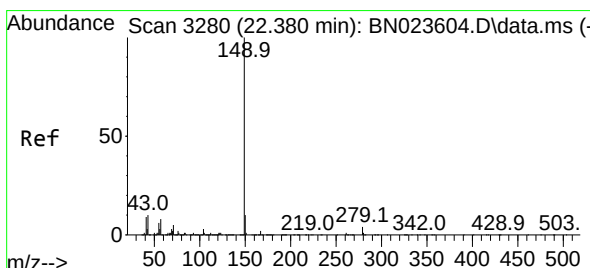
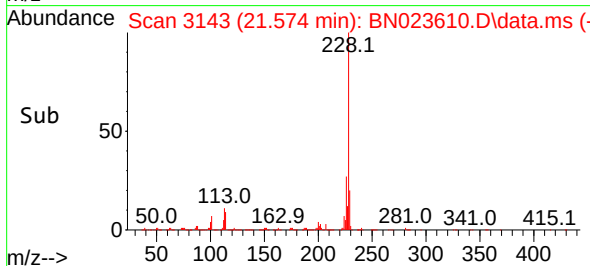
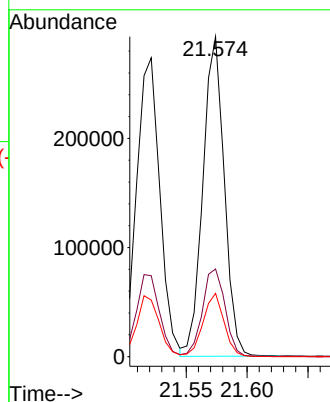
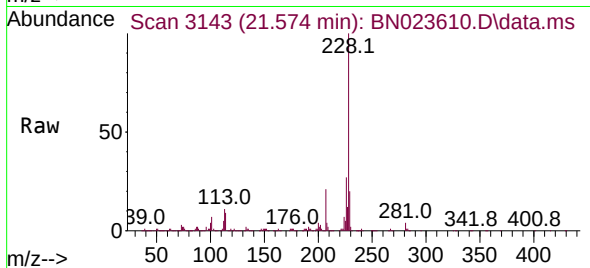
226 27.4 24.6 37.0

229 19.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#89

Di-n-octyl phthalate

Concen: 3.141 ng/ul

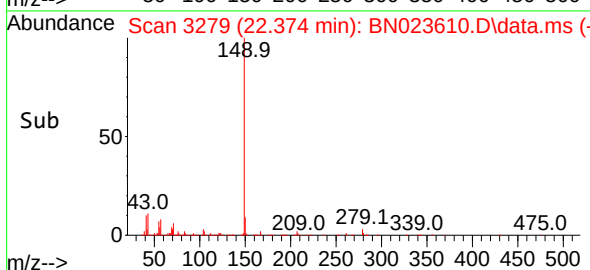
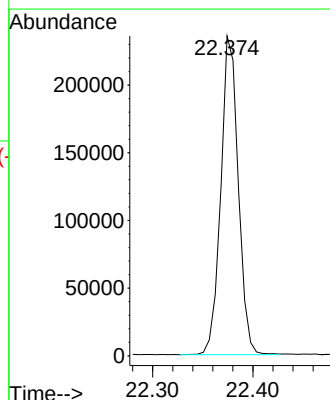
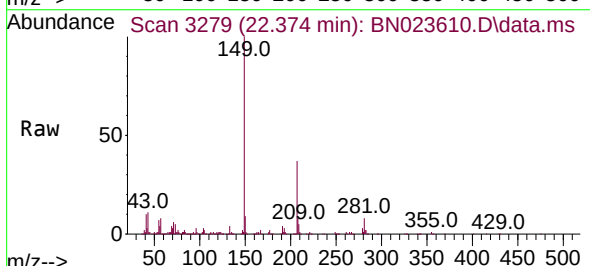
RT: 22.374 min Scan# 3279

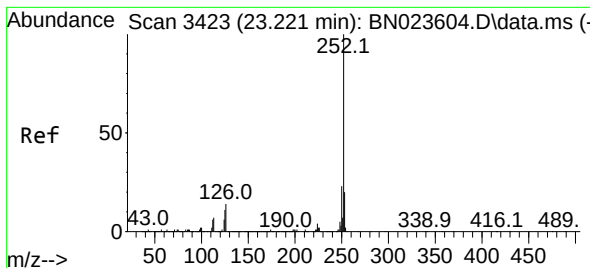
Delta R.T. -0.006 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Tgt Ion:149 Resp: 285468





#90

Benzo(b)fluoranthene

Concen: 4.375 ng/ul

RT: 23.215 min Scan# 3422

Delta R.T. -0.012 min

Lab File: BN023610.D

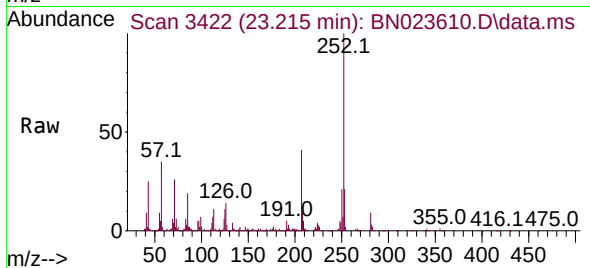
Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05



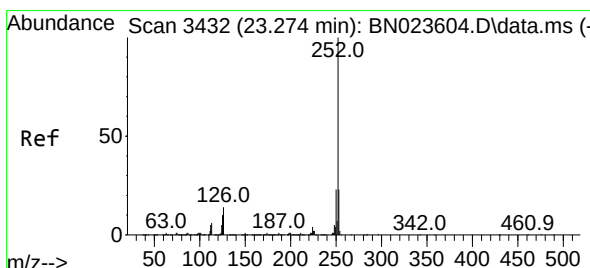
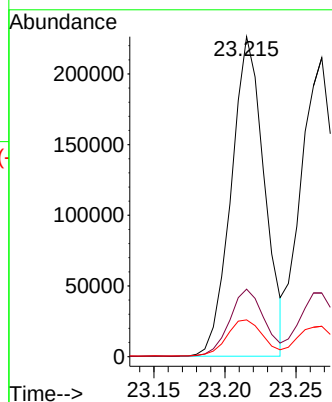
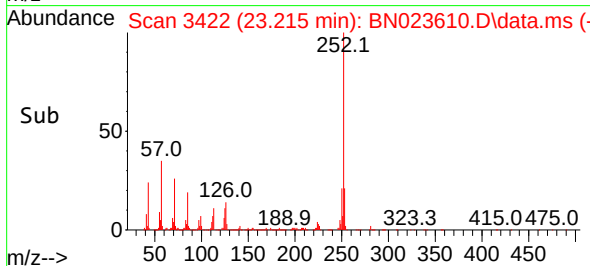
Tgt Ion:252 Resp: 367015

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	11.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#91

Benzo(k)fluoranthene

Concen: 4.293 ng/ul

RT: 23.268 min Scan# 3431

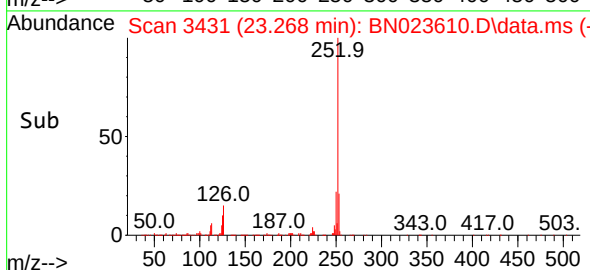
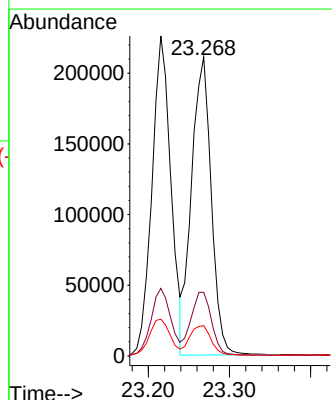
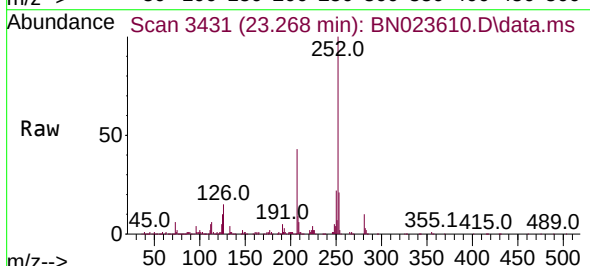
Delta R.T. -0.006 min

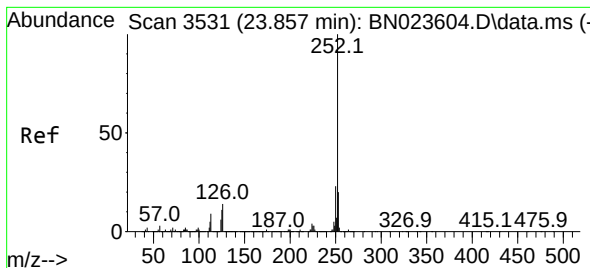
Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Tgt Ion:252 Resp: 356267

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	10.2	8.6	12.8





#93

Benzo(a)pyrene

Concen: 4.361 ng/ul

RT: 23.851 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

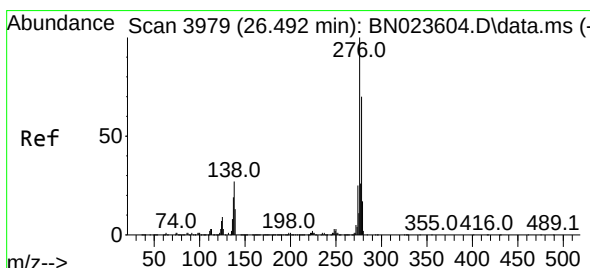
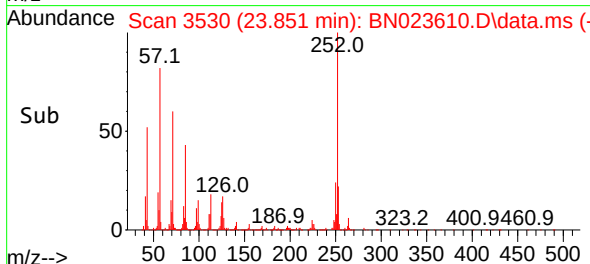
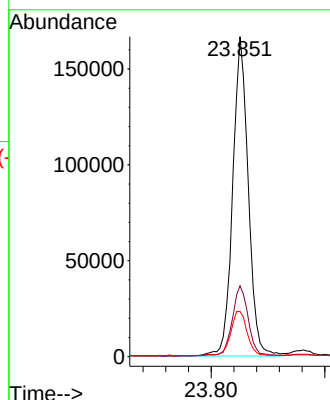
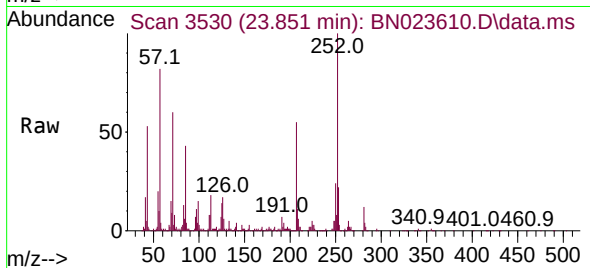
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:252 Resp: 317315
 Ion Ratio Lower Upper
 252 100
 253 22.1 16.6 25.0
 125 14.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.229 ng/ul

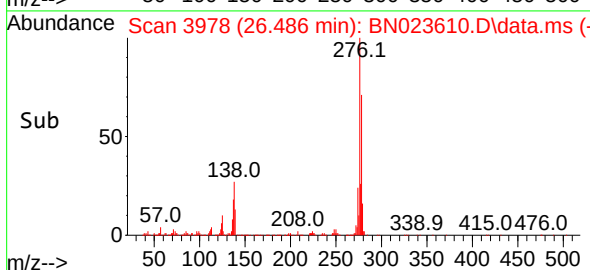
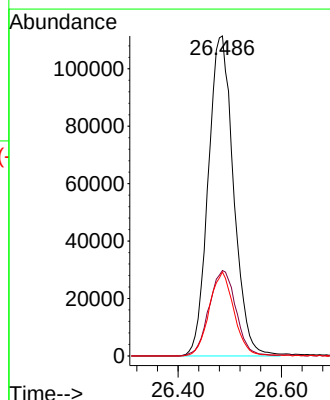
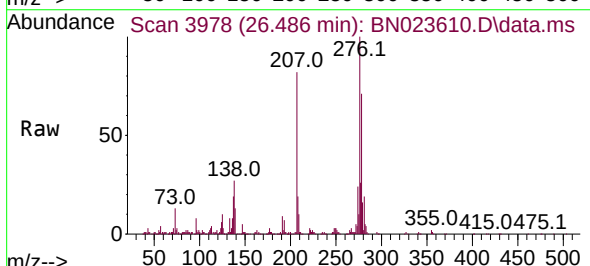
RT: 26.486 min Scan# 3978

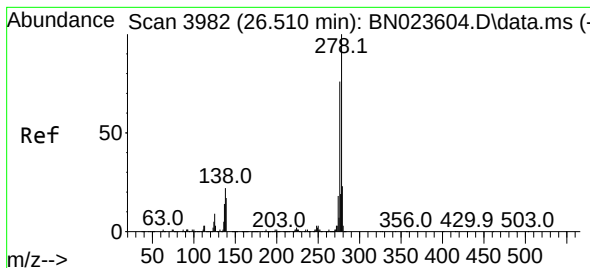
Delta R.T. -0.018 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Tgt Ion:276 Resp: 380305
 Ion Ratio Lower Upper
 276 100
 138 26.7 20.6 30.8
 277 26.2 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 4.289 ng/ul

RT: 26.503 min Scan# 3981

Delta R.T. -0.018 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Instrument :

BNA_N

ClientSampleId :

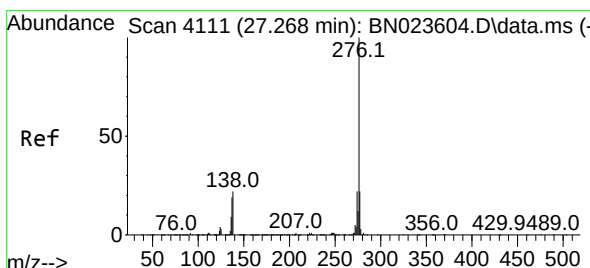
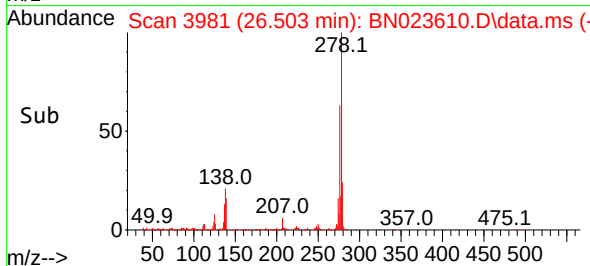
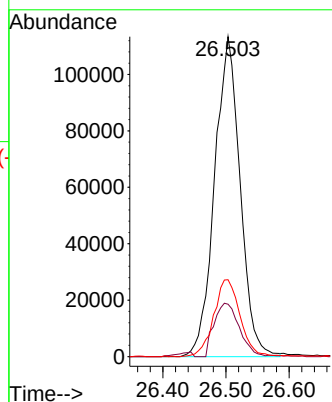
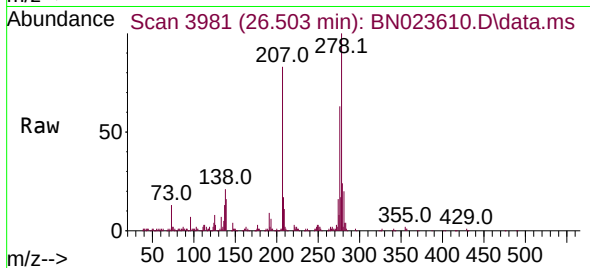
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	278	Resp:	318903
Ion Ratio	Lower	Upper	
278	100		
139	16.4	14.1	21.1
279	24.0	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#96

Benzo(g,h,i)perylene

Concen: 4.121 ng/ul

RT: 27.262 min Scan# 4110

Delta R.T. -0.024 min

Lab File: BN023610.D

Acq: 11 Jan 2023 13:40

Tgt Ion:	276	Resp:	295111
Ion Ratio	Lower	Upper	
276	100		
138	22.1	17.0	25.6
277	22.9	17.6	26.4

