

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011123\
 Data File : BN023608.D
 Acq On : 11 Jan 2023 12:19
 Operator : CG/JU
 Sample : N4239-03
 Misc : SFAM-MDL-S-01-4NG
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 11 14:17:57 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	7.940	152	160234	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.757	136	748098	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.598	164	477699	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1066171	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1049171	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1041058	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	15464	4.153	ng/uL	0.00
4) Pyridine-d5	3.723	84	137779	12.333	ng/u1	0.00
7) Phenol-d5	7.099	99	247587	17.434	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	164146	18.841	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	198952	18.292	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	199197	17.574	ng/u1	-0.01
21) Nitrobenzene-d5	9.111	128	97929	17.360	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.840	143	104398	17.482	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	195063	17.125	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.899	131	303548	16.942	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	625629	17.606	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	721140	18.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	113789	15.729	ng/u1	-0.01
60) Fluorene-d10	15.592	176	577355	19.014	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	95557	14.857	ng/u1	0.00
73) Anthracene-d10	17.445	188	864706	18.124	ng/u1	0.00
81) Pyrene-d10	19.739	212	1053299	17.554	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	957739	18.603	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	4562m	1.161	ng/uL	
5) Pyridine	3.752	79	42274	3.696	ng/u1	89
6) Benzaldehyde	7.075	77	32768	5.958	ng/u1	97
8) Phenol	7.128	94	59338	4.105	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.364	93	49219	4.309	ng/u1	98
12) 2-Chlorophenol	7.499	128	47599	4.235	ng/u1	96
13) 2-Methylphenol	8.393	108	41696	3.833	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	68124	4.459	ng/u1	99
16) Acetophenone	8.775	105	74635	4.260	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.758	70	36395	4.126	ng/u1	99
18) 4-Methylphenol	8.722	108	48633	4.059	ng/u1	96
19) Hexachloroethane	9.028	117	19360	4.307	ng/u1	97
22) Nitrobenzene	9.158	77	58775	4.163	ng/u1	99
23) Isophorone	9.681	82	93361	3.656	ng/u1	99
25) 2-Nitrophenol	9.869	139	25989	3.915	ng/u1	94
26) 2,4-Dimethylphenol	9.928	107	50452	3.745	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	67328	4.065	ng/u1	97
29) 2,4-Dichlorophenol	10.405	162	46534	4.083	ng/u1	98
30) Naphthalene	10.810	128	171410	4.262	ng/u1	98
32) 4-Chloroaniline	10.922	127	72433	4.037	ng/u1	96
33) Hexachlorobutadiene	11.093	225	30342	4.304	ng/u1	97
34) Caprolactam	11.716	113	13193m	3.447	ng/u1	
35) 4-Chloro-3-methylphenol	12.046	107	46355	3.730	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	112414	4.193	ng/u1	93

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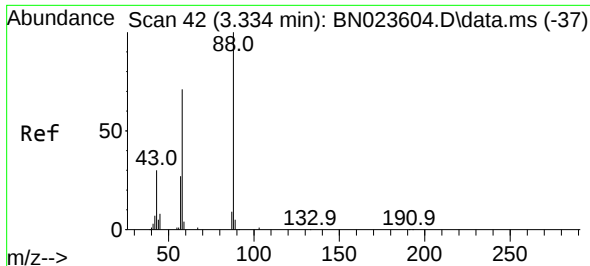
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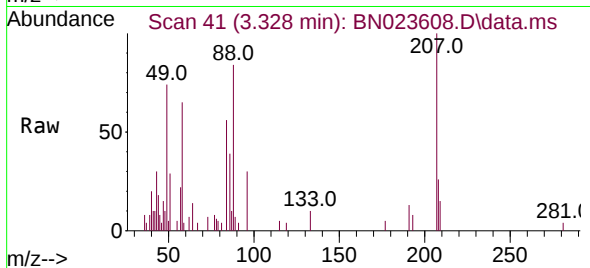
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	104333	3.809	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	59410	4.205	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	28680	3.221	ng/ul	96
41) 2,4,6-Trichlorophenol	13.034	196	33302	3.576	ng/ul	98
42) 2,4,5-Trichlorophenol	13.099	196	38913	3.821	ng/ul	90
43) 1,1'-Biphenyl	13.434	154	153996	4.178	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	121610	4.253	ng/ul	99
45) 2-Nitroaniline	13.681	65	26931	3.415	ng/ul	96
47) Dimethylphthalate	14.051	163	147321	4.126	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	22015	3.261	ng/ul	92
50) Acenaphthylene	14.316	152	186402	4.258	ng/ul	98
51) 3-Nitroaniline	14.504	138	22947	3.392	ng/ul#	91
52) Acenaphthene	14.663	153	133622	4.329	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	16615	3.766	ng/ul	96
55) 4-Nitrophenol	14.804	109	21938	3.755	ng/ul	91
56) Dibenzofuran	14.993	168	184491	4.294	ng/ul	97
57) 2,4-Dinitrotoluene	14.963	165	33554	3.405	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.222	232	32011	3.668	ng/ul	99
59) Diethylphthalate	15.416	149	142583	3.986	ng/ul	98
61) Fluorene	15.645	166	155302	4.464	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.640	204	74563	4.402	ng/ul	98
63) 4-Nitroaniline	15.663	138	22813	3.663	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.722	198	27668	4.359	ng/ul#	85
67) N-Nitrosodiphenylamine	15.851	169	122318	4.088	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	41997	3.930	ng/ul	90
69) Hexachlorobenzene	16.645	284	54173	4.326	ng/ul	99
70) Atrazine	16.804	200	43128	3.851	ng/ul	96
71) Pentachlorophenol	16.998	266	29392	3.677	ng/ul	96
72) Phenanthrene	17.387	178	247173	4.327	ng/ul	99
74) Anthracene	17.481	178	243680	4.286	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.399	216	55589	3.873	ng/uL	94
76) Pentachlorobenzene	14.916	250	54944	3.821	ng/uL	96
77) Carbazole	17.751	167	206681	4.004	ng/ul	99
78) Di-n-butylphthalate	18.316	149	224475	3.662	ng/ul	100
80) Fluoranthene	19.404	202	278695	3.971	ng/ul	99
82) Pyrene	19.769	202	313521	4.229	ng/ul	98
83) Butylbenzylphthalate	20.669	149	99388	3.387	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	78703	3.434	ng/ul	96
85) Benzo(a)anthracene	21.522	228	289302	4.071	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	147112	3.452	ng/ul	100
87) Chrysene	21.575	228	284171	4.265	ng/ul	98
89) Di-n-octyl phthalate	22.380	149	213205	2.967	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	279936	4.221	ng/ul	97
91) Benzo(k)fluoranthene	23.263	252	282663	4.309	ng/ul	99
93) Benzo(a)pyrene	23.851	252	247963	4.312	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.480	276	297237	4.182	ng/ul	98
95) Dibenzo(a,h)anthracene	26.504	278	245132	4.171	ng/ul	98
96) Benzo(g,h,i)perylene	27.262	276	229219	4.049	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.161 ng/uL m
RT: 3.328 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

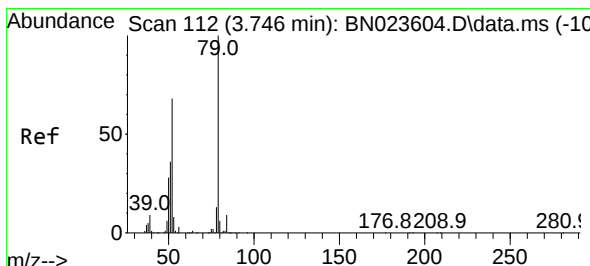
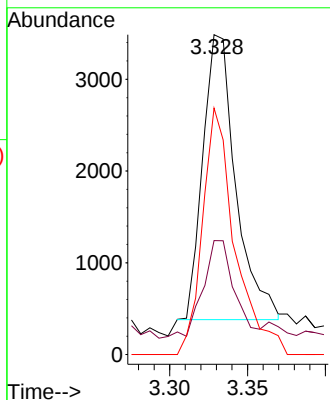
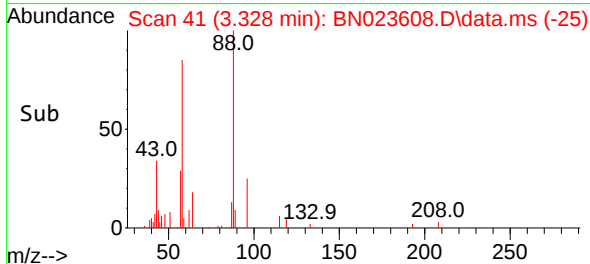
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05



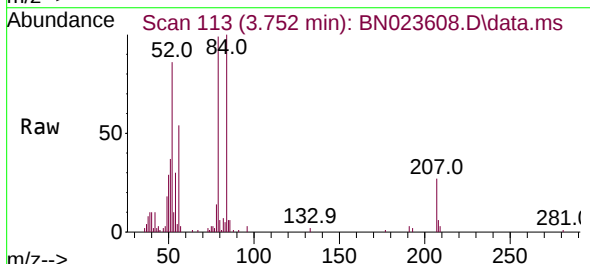
Tgt Ion: 88 Resp: 4562
Ion Ratio Lower Upper
88 100
43 35.6 24.6 36.8
58 77.0 56.2 84.4

Manual Integrations
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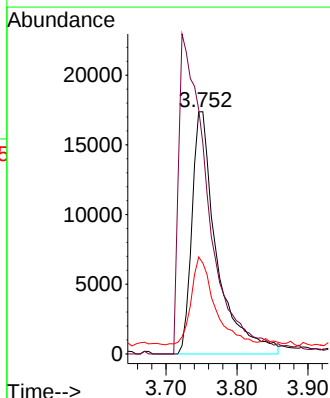
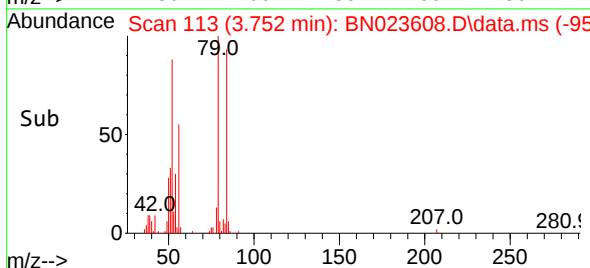
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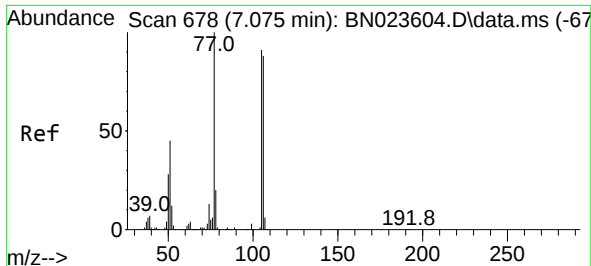


#5
Pyridine
Concen: 3.696 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



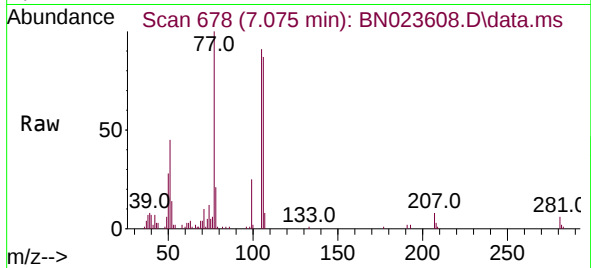
Tgt Ion: 79 Resp: 42274
Ion Ratio Lower Upper
79 100
52 87.0 59.9 89.9
51 37.5 28.6 42.8





#6
Benzaldehyde
Concen: 5.958 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

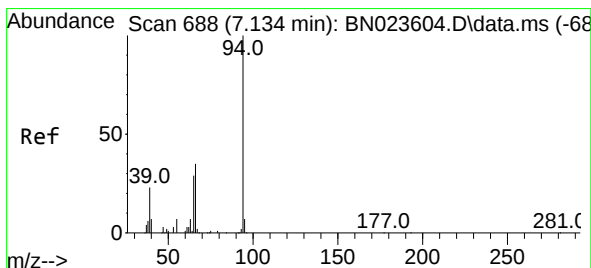
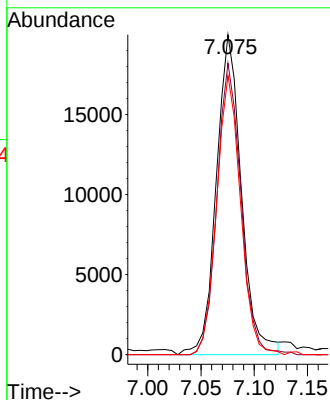
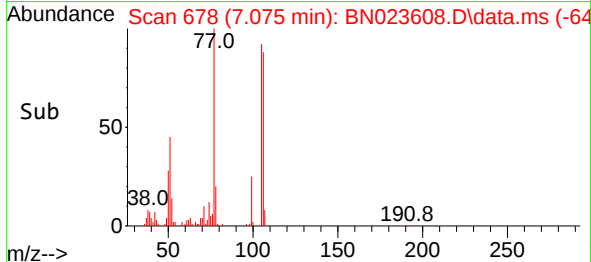
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05



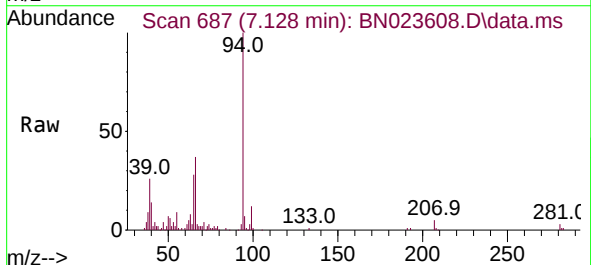
Tgt Ion: 77 Resp: 32768
Ion Ratio Lower Upper
77 100
105 91.1 75.1 112.7
106 87.2 72.8 109.2

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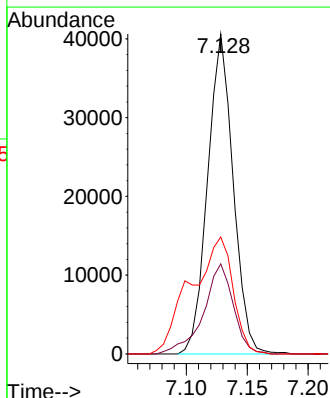
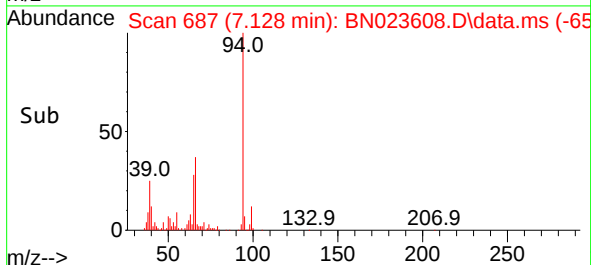
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

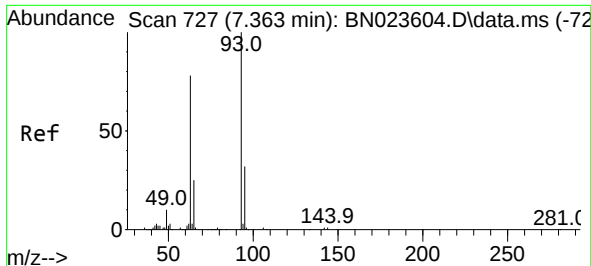


#8
Phenol
Concen: 4.105 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



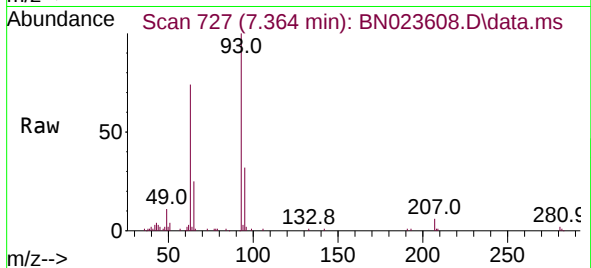
Tgt Ion: 94 Resp: 59338
Ion Ratio Lower Upper
94 100
65 28.1 23.7 35.5
66 36.5 29.9 44.9





#10
Bis(2-Chloroethyl)ether
Concen: 4.309 ng/ul
RT: 7.364 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

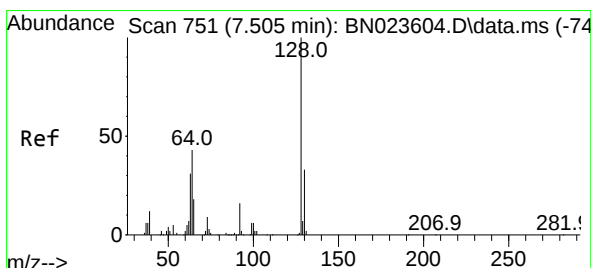
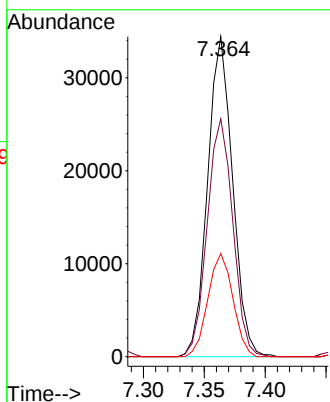
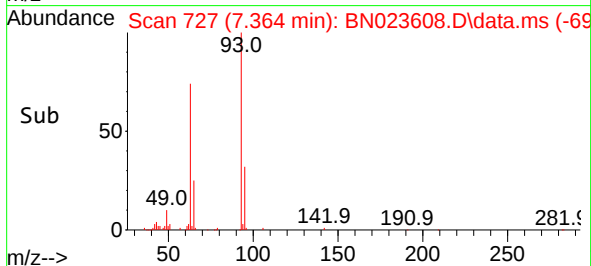
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05



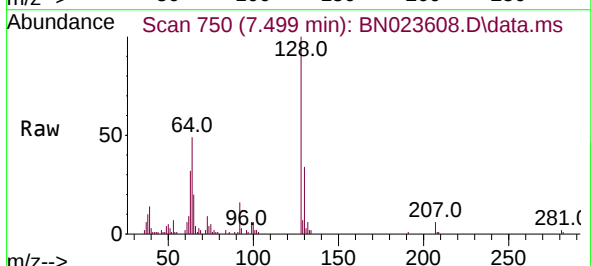
Tgt Ion: 93 Resp: 49219
Ion Ratio Lower Upper
93 100
63 74.3 61.2 91.8
95 32.2 26.6 40.0

Manual Integrations
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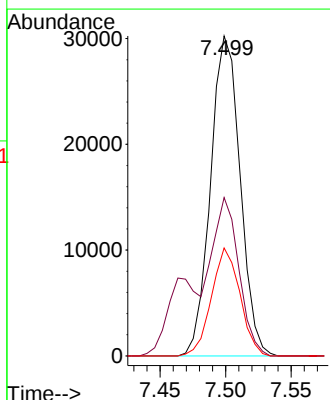
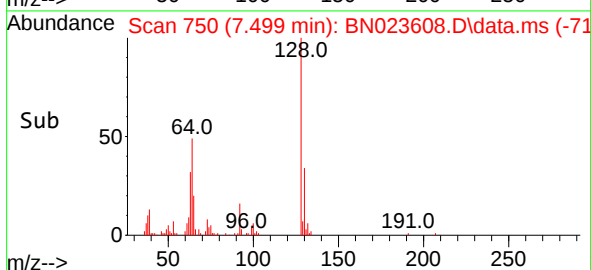
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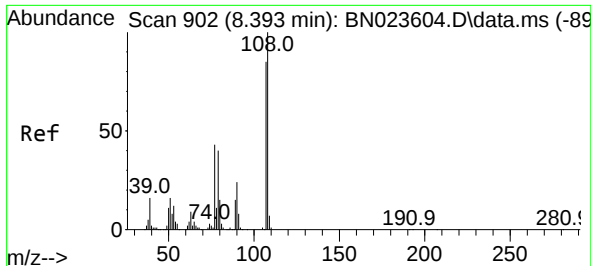


#12
2-Chlorophenol
Concen: 4.235 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



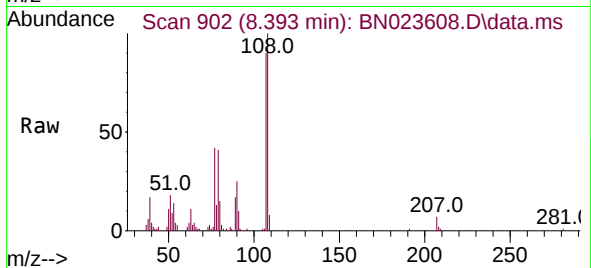
Tgt Ion:128 Resp: 47599
Ion Ratio Lower Upper
128 100
64 49.5 37.4 56.2
130 33.7 25.6 38.4





#13
2-Methylphenol
Concen: 3.833 ng/ul
RT: 8.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

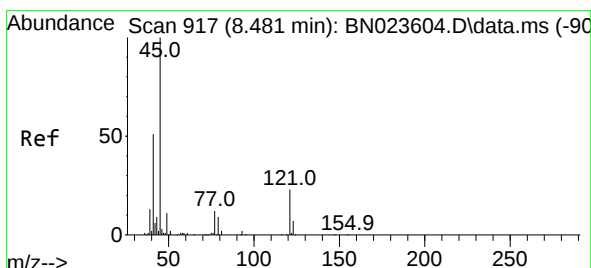
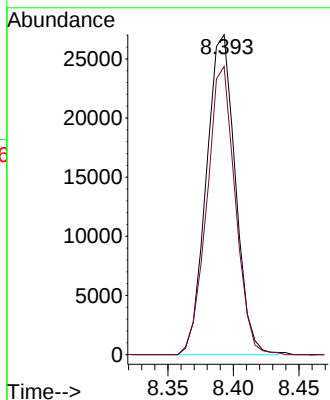
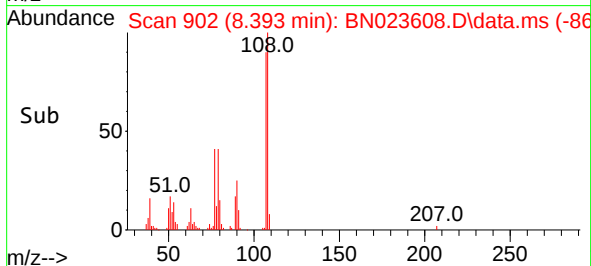
Instrument : BNA_N
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Tgt Ion:108 Resp: 41696
Ion Ratio Lower Upper
108 100
107 90.0 72.3 108.5

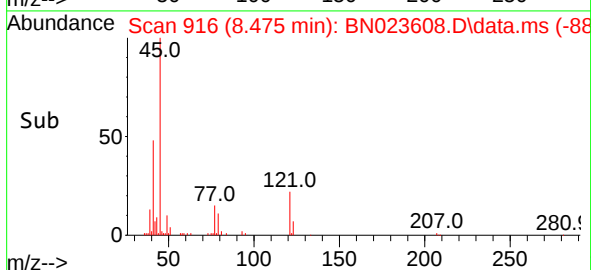
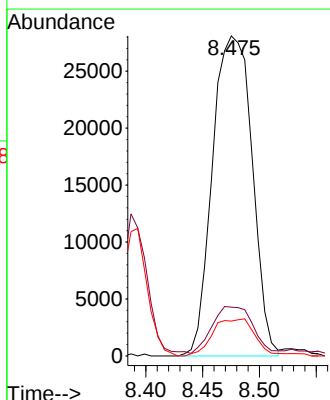
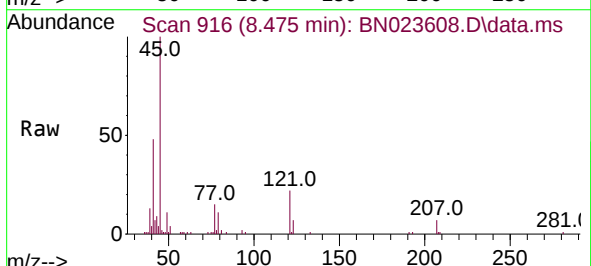
Manual Integrations
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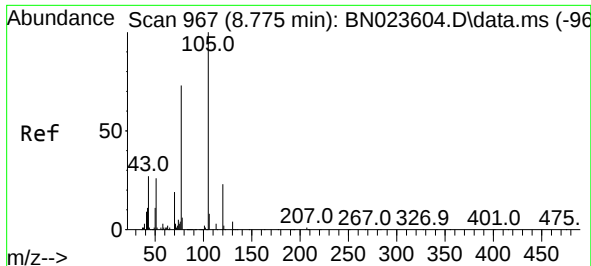
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.459 ng/ul
RT: 8.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

Tgt Ion: 45 Resp: 68124
Ion Ratio Lower Upper
45 100
77 15.2 11.4 17.2
79 10.9 8.8 13.2





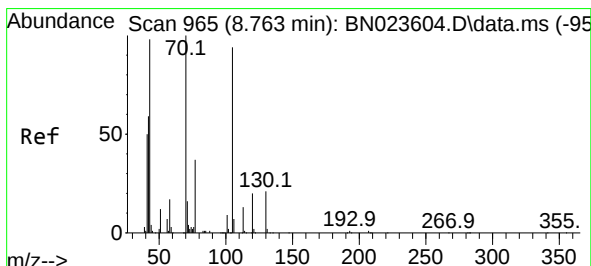
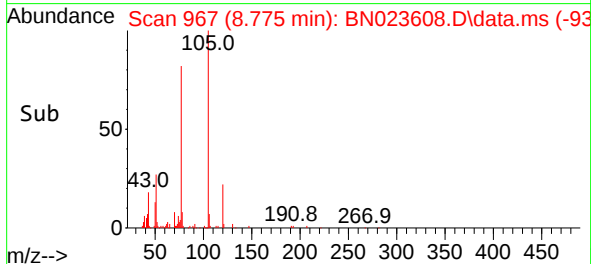
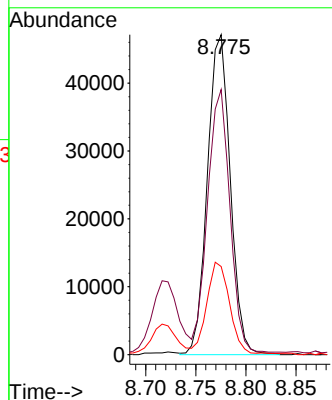
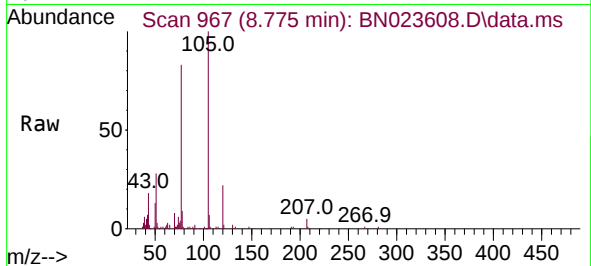
#16
Acetophenone
Concen: 4.260 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

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

Tgt Ion: 105 Resp: 74635
Ion Ratio Lower Upper
105 100
77 82.8 64.2 96.2
51 27.5 22.0 33.0

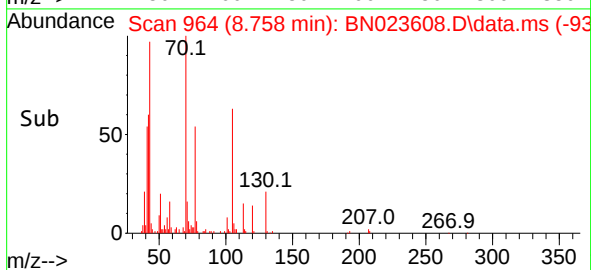
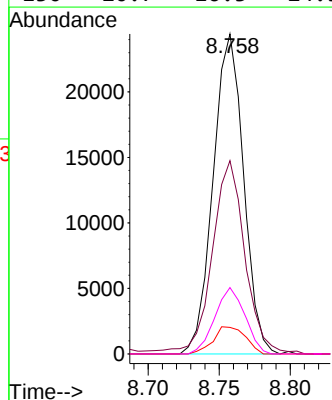
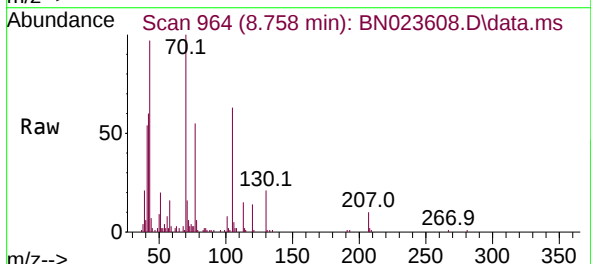
Manual Integrations
APPROVED

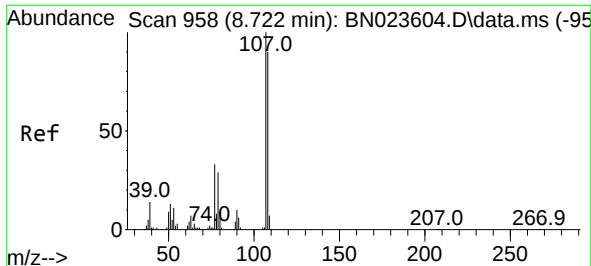
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.126 ng/ul
RT: 8.758 min Scan# 964
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

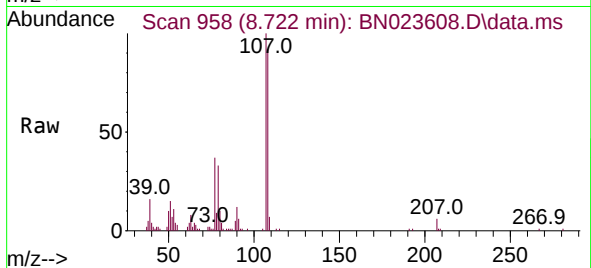
Tgt Ion: 70 Resp: 36395
Ion Ratio Lower Upper
70 100
42 60.4 47.8 71.6
101 8.3 7.8 11.6
130 20.7 16.3 24.5





#18
4-Methylphenol
Concen: 4.059 ng/ul
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

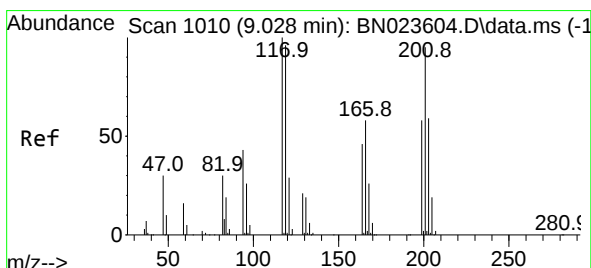
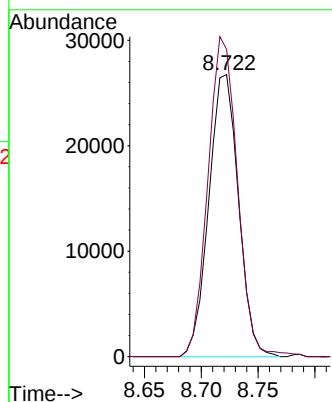
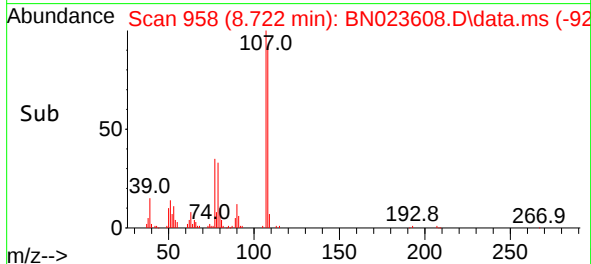
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05



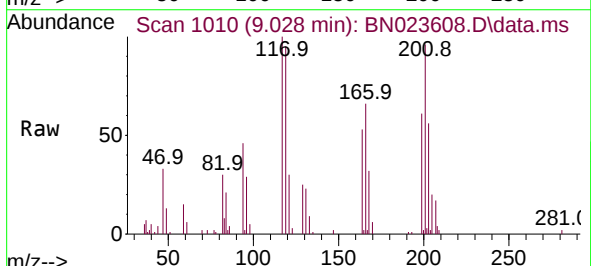
Tgt Ion:108 Resp: 48633
Ion Ratio Lower Upper
108 100
107 109.0 90.7 136.1

Manual Integrations
APPROVED

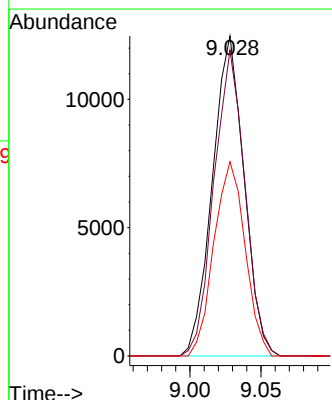
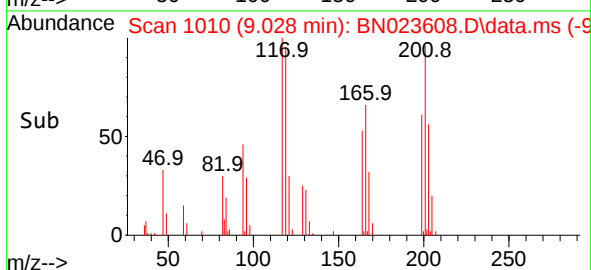
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

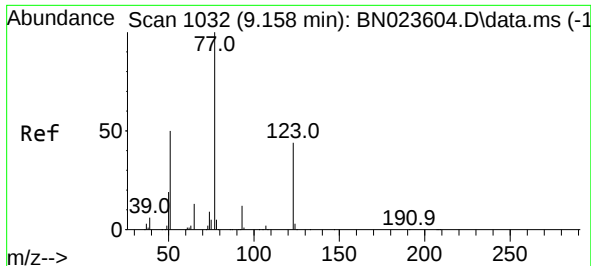


#19
Hexachloroethane
Concen: 4.307 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



Tgt Ion:117 Resp: 19360
Ion Ratio Lower Upper
117 100
201 95.6 76.9 115.3
199 60.7 44.6 67.0





#22

Nitrobenzene

Concen: 4.163 ng/ul

RT: 9.158 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

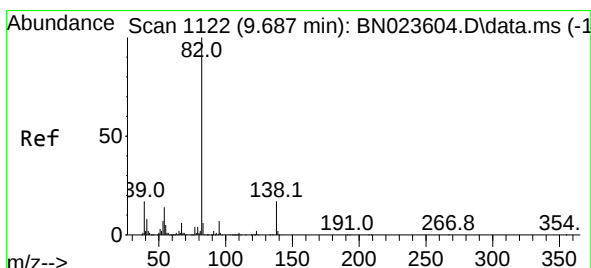
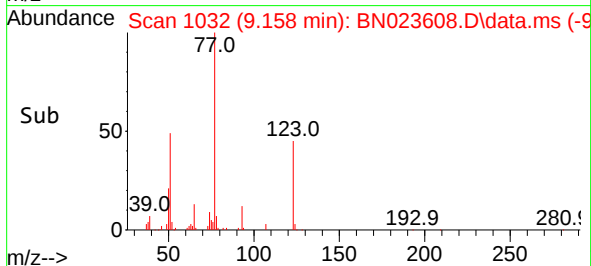
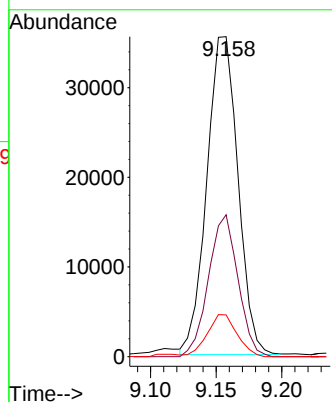
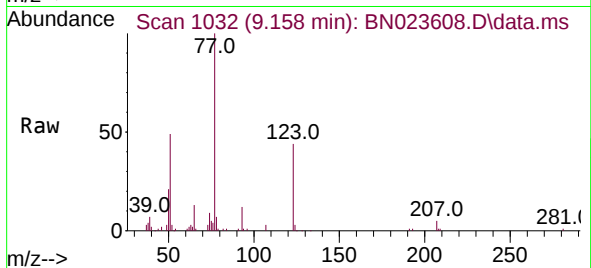
MDL-SOIL-QT3-2022-05

Tgt Ion: 77	Resp: 58775
Ion Ratio	Lower Upper
77 100	
123 44.3	35.6 53.4
65 13.0	11.0 16.4

Manual Integrations

APPROVED

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



#23

Isophorone

Concen: 3.656 ng/ul

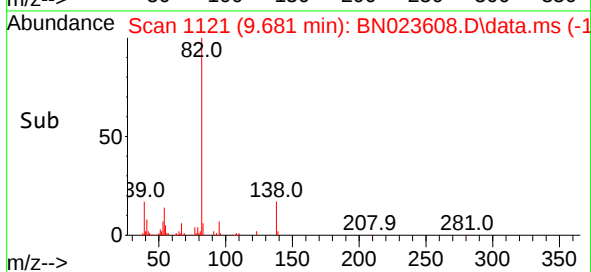
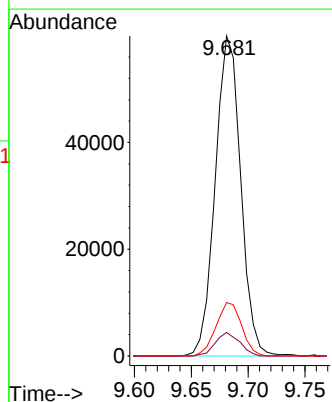
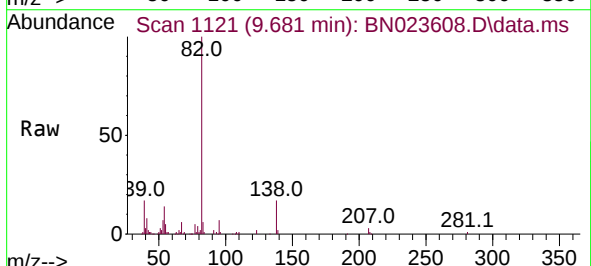
RT: 9.681 min Scan# 1121

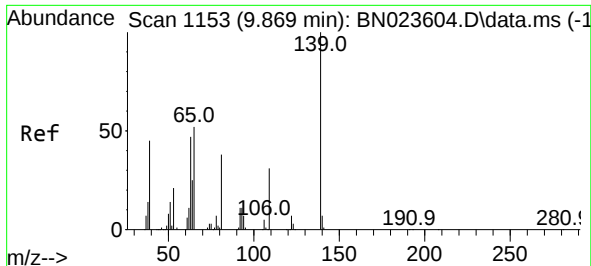
Delta R.T. -0.012 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Tgt Ion: 82	Resp: 93361
Ion Ratio	Lower Upper
82 100	
95 7.3	5.5 8.3
138 16.7	13.8 20.8





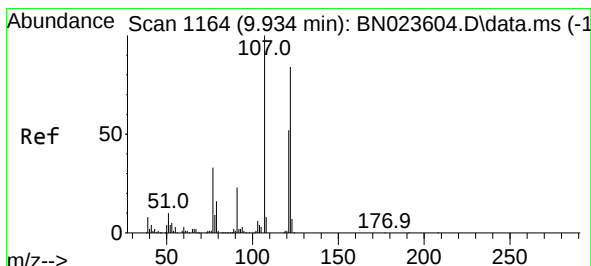
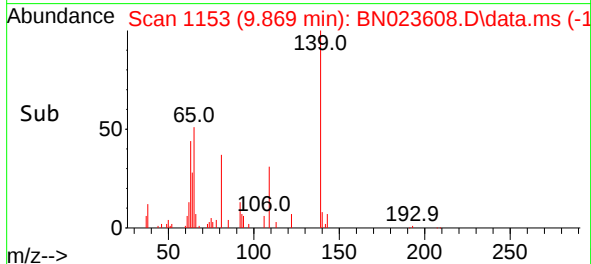
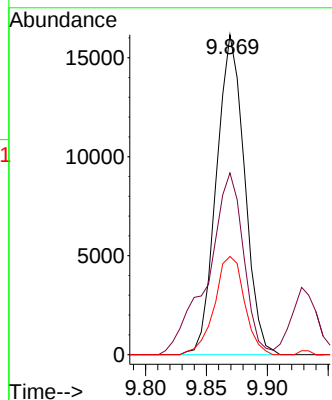
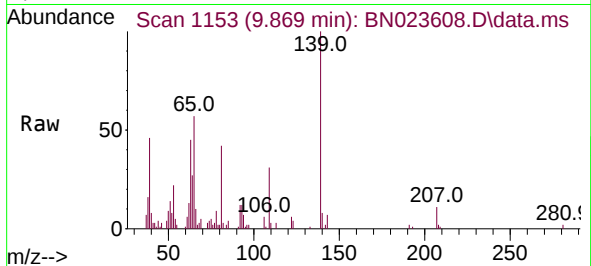
#25
2-Nitrophenol
Concen: 3.915 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

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

Tgt Ion:139 Resp: 25989
Ion Ratio Lower Upper
139 100
65 56.8 40.3 60.5
109 30.7 24.6 37.0

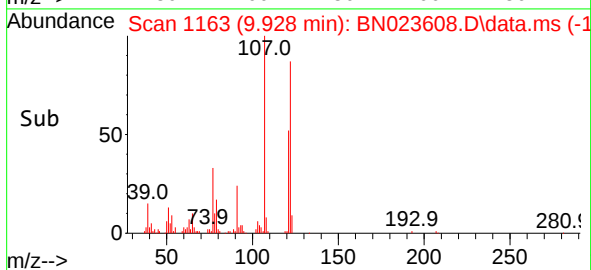
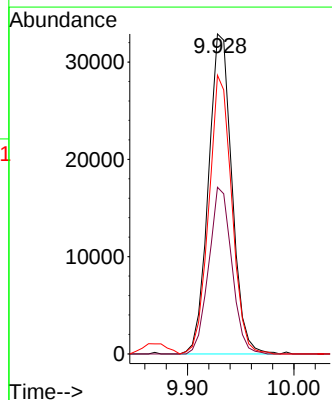
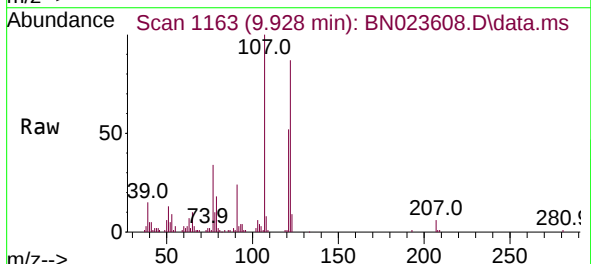
Manual Integrations
APPROVED

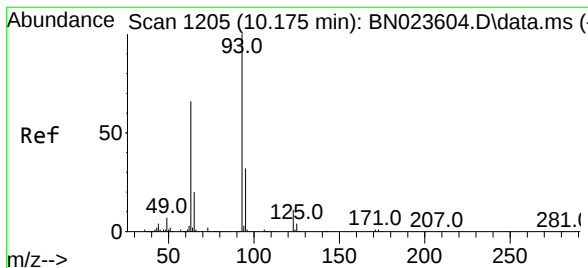
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#26
2,4-Dimethylphenol
Concen: 3.745 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

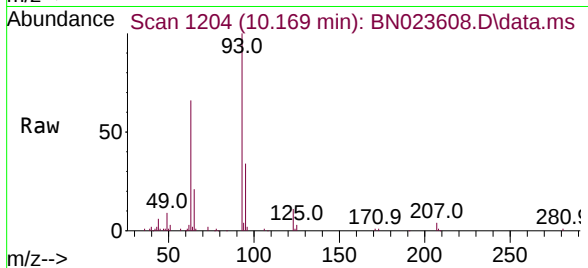
Tgt Ion:107 Resp: 50452
Ion Ratio Lower Upper
107 100
121 52.1 40.4 60.6
122 87.1 67.0 100.4





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.065 ng/ul
 RT: 10.169 min Scan# 1204
 Delta R.T. -0.012 min
 Lab File: BN023608.D
 Acq: 11 Jan 2023 12:19

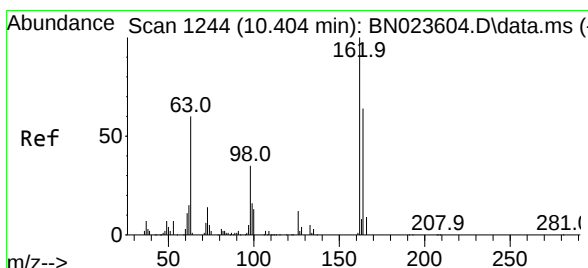
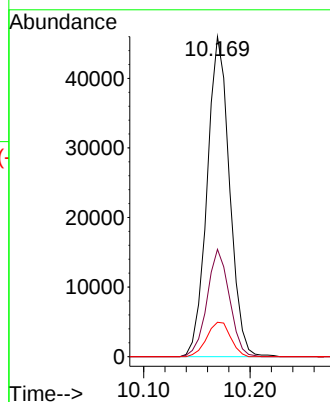
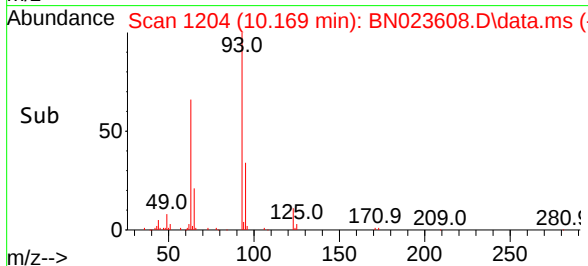
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion: 93 Resp: 67328
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.5 38.3
 123 10.7 9.4 14.2

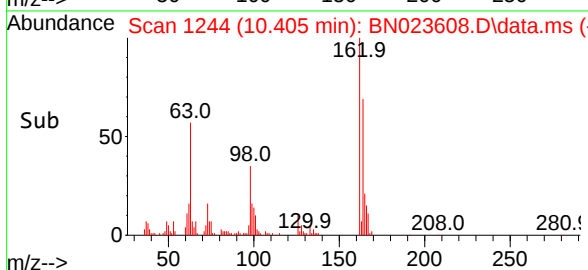
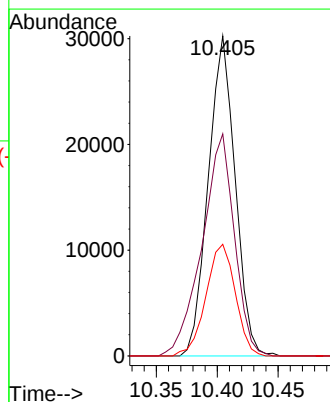
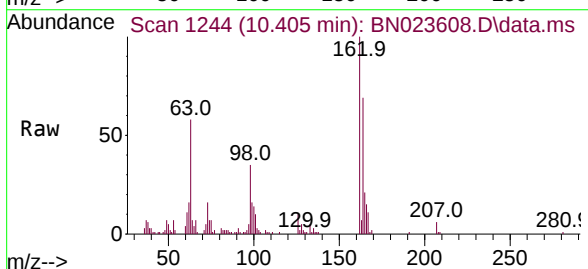
Manual Integrations
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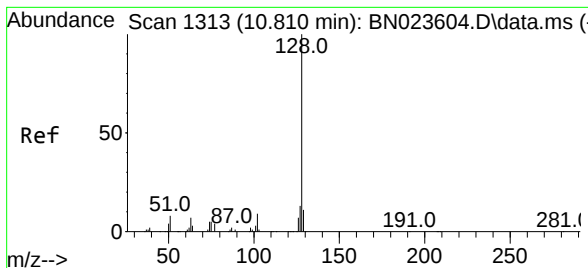
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023



#29
 2,4-Dichlorophenol
 Concen: 4.083 ng/ul
 RT: 10.405 min Scan# 1244
 Delta R.T. -0.012 min
 Lab File: BN023608.D
 Acq: 11 Jan 2023 12:19

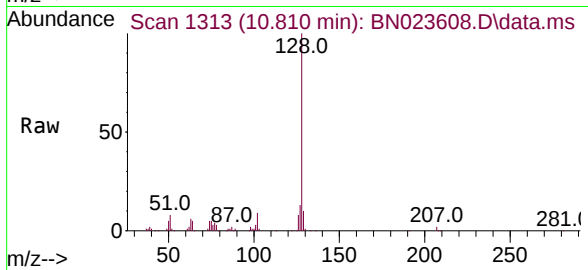
Tgt Ion:162 Resp: 46534
 Ion Ratio Lower Upper
 162 100
 164 69.4 53.8 80.6
 98 34.9 28.8 43.2





#30
Naphthalene
Concen: 4.262 ng/ul
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

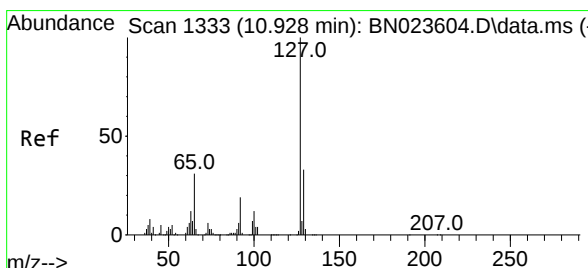
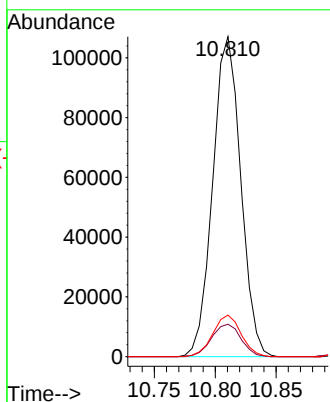
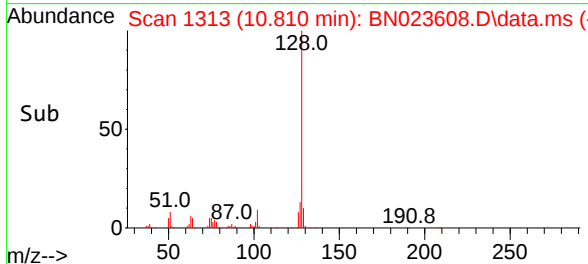
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:128 Resp: 171410
Ion Ratio Lower Upper
128 100
129 10.1 9.1 13.7
127 13.0 10.8 16.2

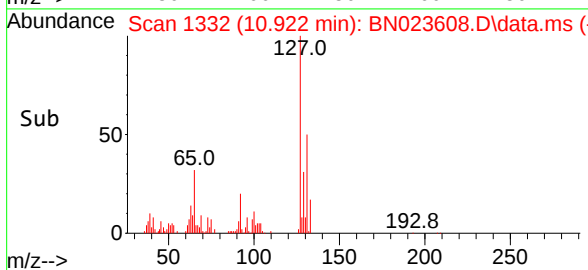
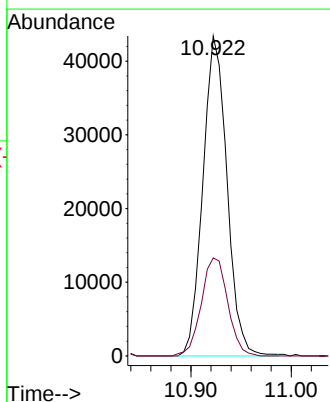
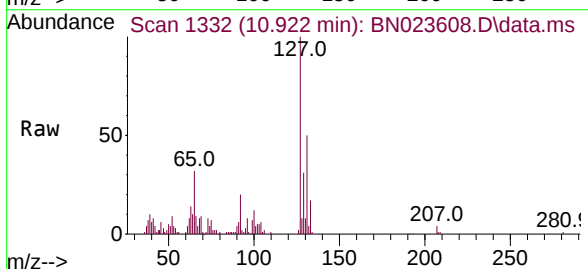
Manual Integrations
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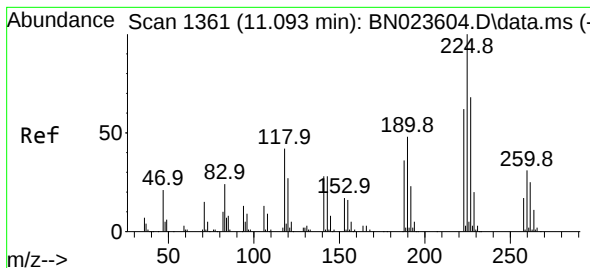
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#32
4-Chloroaniline
Concen: 4.037 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

Tgt Ion:127 Resp: 72433
Ion Ratio Lower Upper
127 100
129 30.6 26.4 39.6





#33

Hexachlorobutadiene

Concen: 4.304 ng/ul

RT: 11.093 min Scan# 1361

Delta R.T. -0.012 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

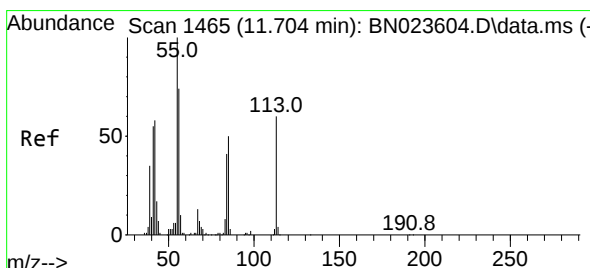
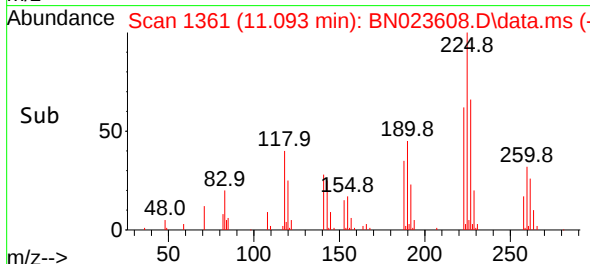
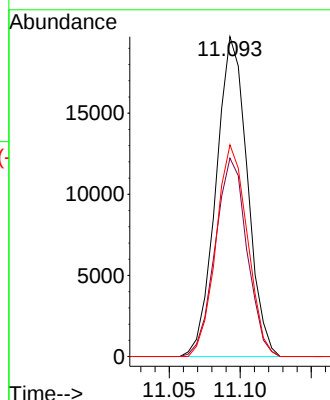
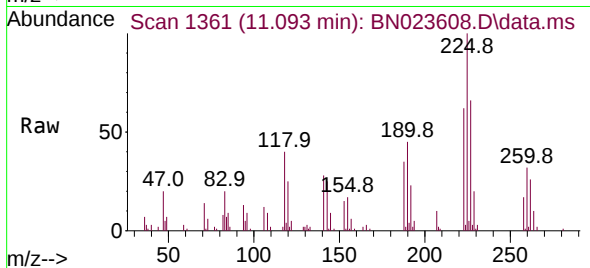
MDL-SOIL-QT3-2022-05

Tgt Ion:	225	Resp:	3034
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.7	77.5
227	66.2	50.8	76.2

Manual Integrations

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



#34

Caprolactam

Concen: 3.447 ng/ul m

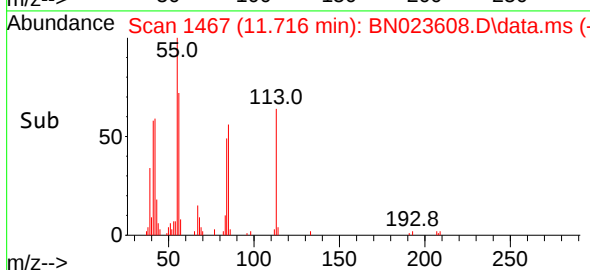
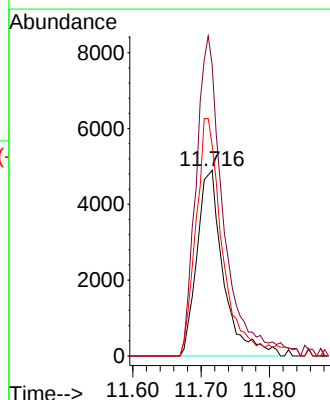
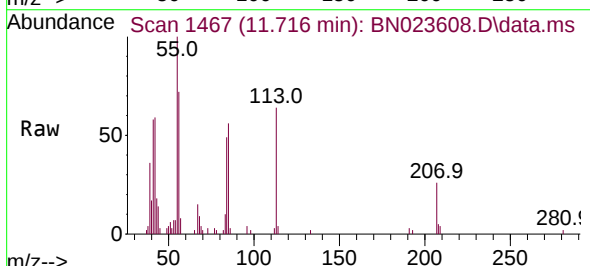
RT: 11.716 min Scan# 1467

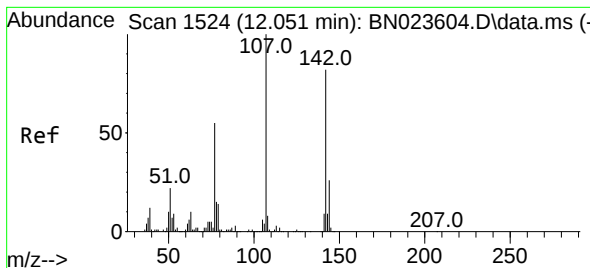
Delta R.T. 0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

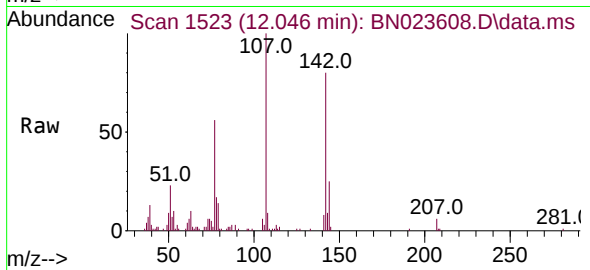
Tgt Ion:	113	Resp:	13193
Ion Ratio	Lower	Upper	
113	100		
55	156.7	129.1	193.7
56	113.5	94.2	141.4





#35
4-Chloro-3-methylphenol
Concen: 3.730 ng/ul
RT: 12.046 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

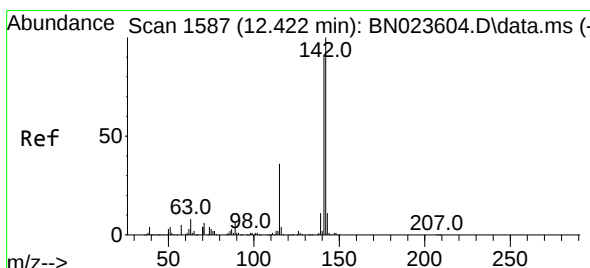
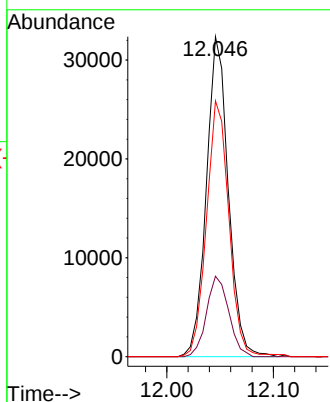
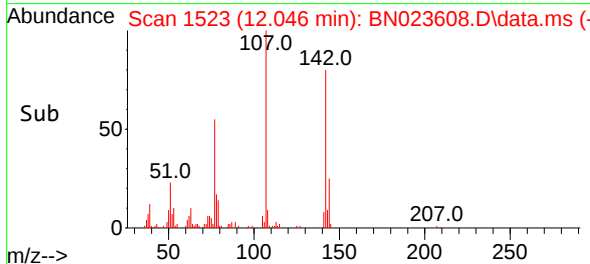
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



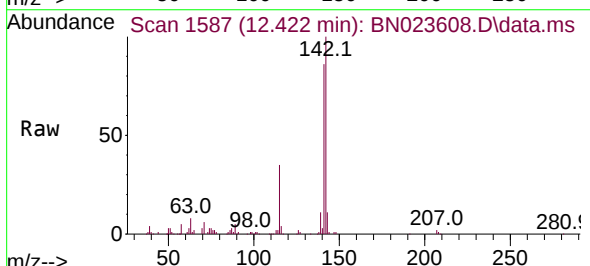
Tgt Ion:107 Resp: 46358
Ion Ratio Lower Upper
107 100
144 25.1 21.9 32.9
142 79.9 64.0 96.0

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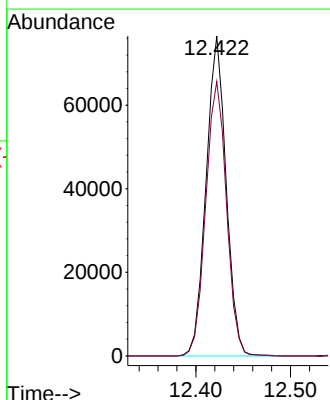
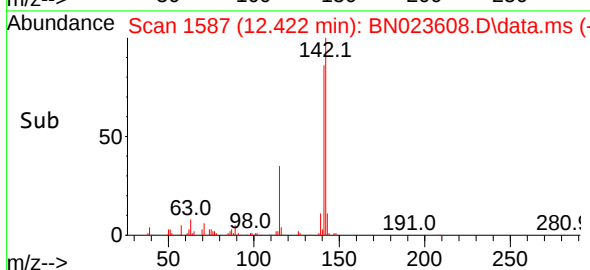
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

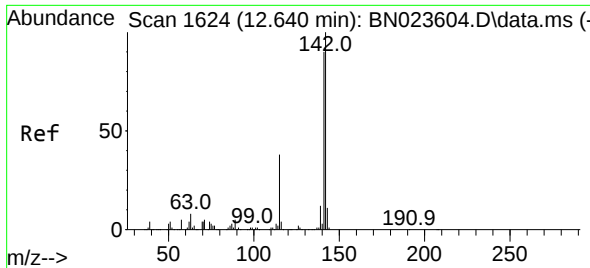


#36
2-Methylnaphthalene
Concen: 4.193 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



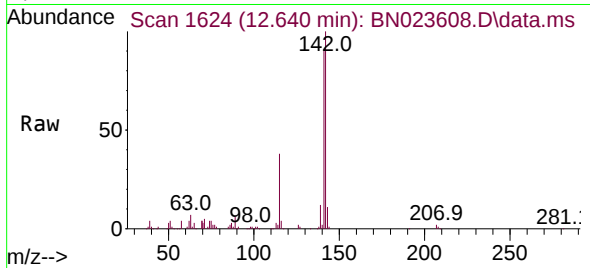
Tgt Ion:142 Resp: 112414
Ion Ratio Lower Upper
142 100
141 85.7 73.6 110.4





#37
1-Methylnaphthalene
Concen: 3.809 ng/ul
RT: 12.640 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

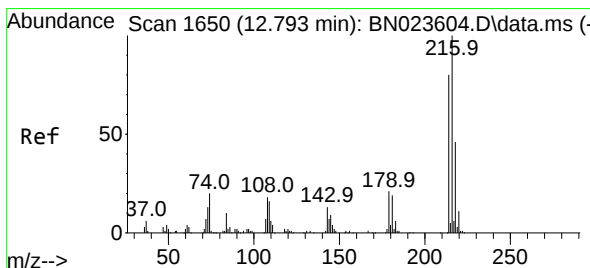
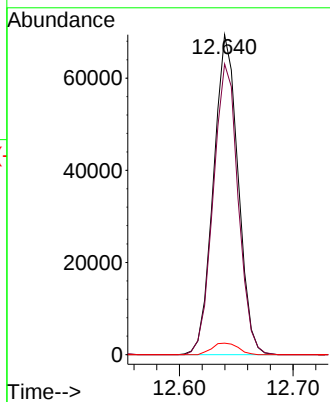
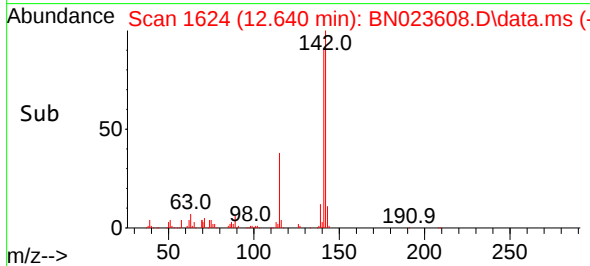
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:142 Resp: 104333
Ion Ratio Lower Upper
142 100
141 90.8 73.8 110.6
116 3.6 3.0 4.4

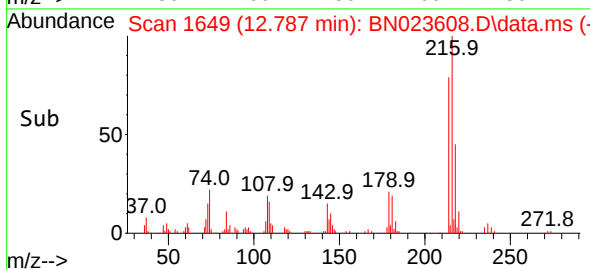
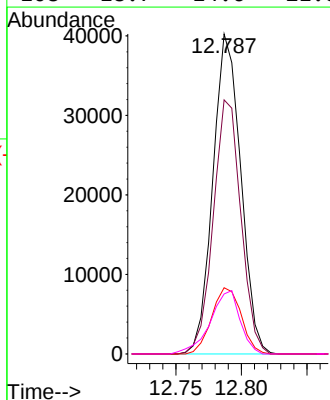
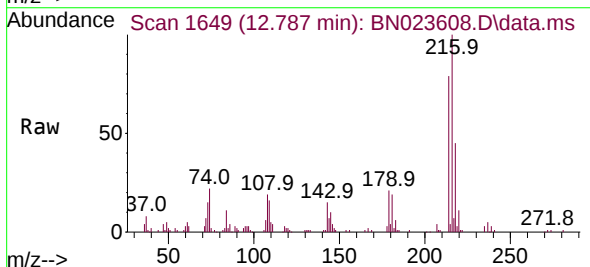
Manual Integrations
APPROVED

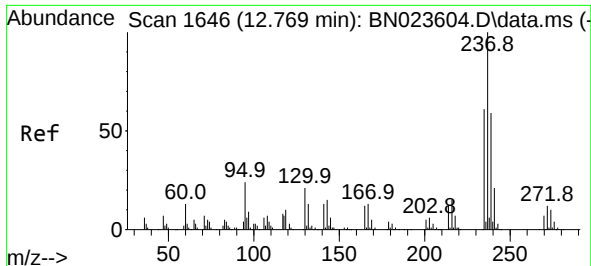
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.205 ng/ul
RT: 12.787 min Scan# 1649
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

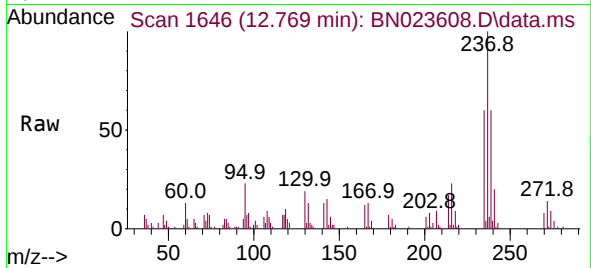
Tgt Ion:216 Resp: 59410
Ion Ratio Lower Upper
216 100
214 79.4 62.4 93.6
179 20.7 16.2 24.2
108 18.7 14.6 21.8





#40
Hexachlorocyclopentadiene
Concen: 3.221 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

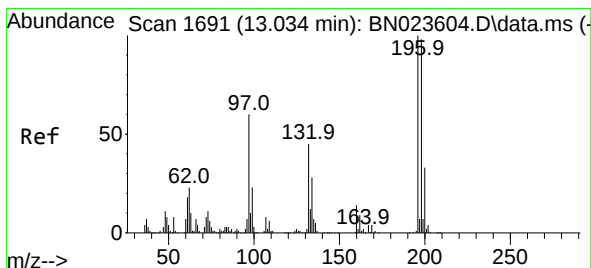
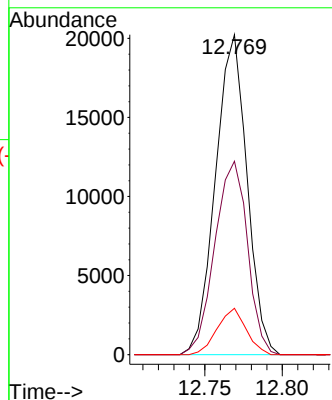
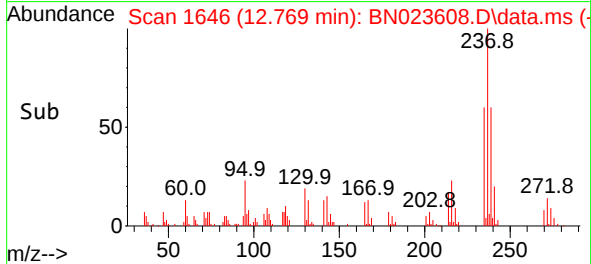
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:237 Resp: 28680
Ion Ratio Lower Upper
237 100
235 60.4 51.0 76.4
272 14.5 9.8 14.8

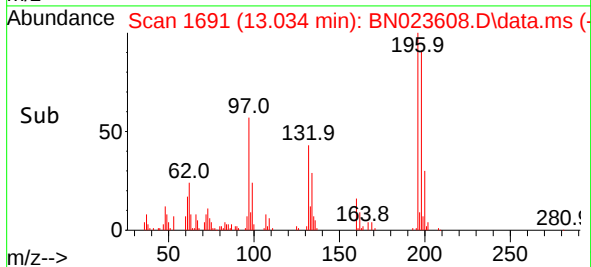
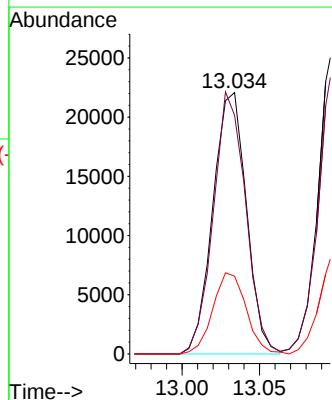
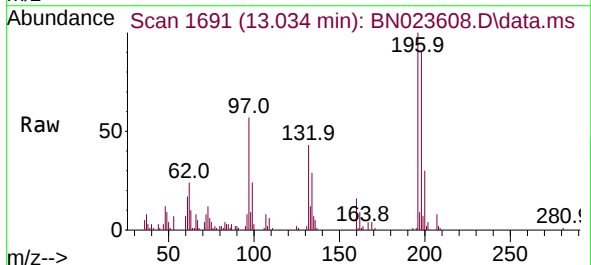
Manual Integrations
APPROVED

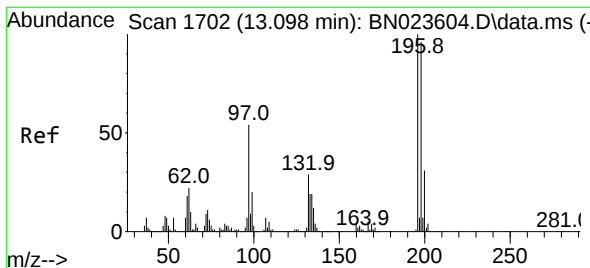
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#41
2,4,6-Trichlorophenol
Concen: 3.576 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

Tgt Ion:196 Resp: 33302
Ion Ratio Lower Upper
196 100
198 91.2 71.4 107.0
200 29.7 22.5 33.7





#42

2,4,5-Trichlorophenol

Concen: 3.821 ng/ul

RT: 13.099 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BN023608.D

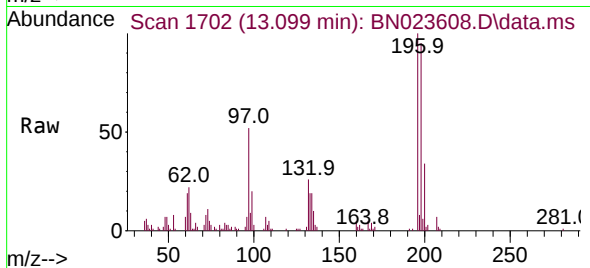
Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-05

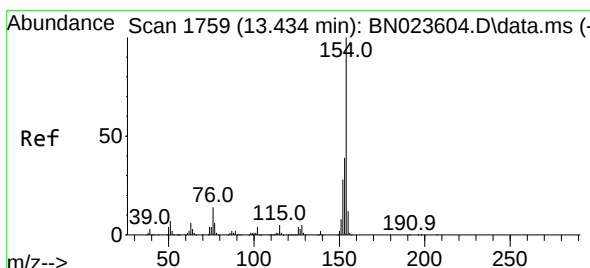
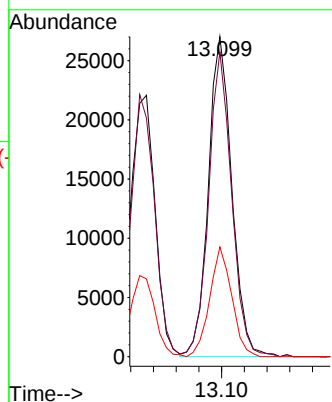
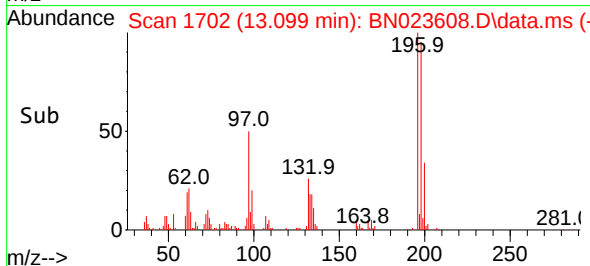


Tgt Ion:	196	Resp:	38913
Ion Ratio	Lower	Upper	
196	100		
198	95.2	68.1	102.1
200	34.3	24.1	36.1

Manual Integrations

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



#43

1,1'-Biphenyl

Concen: 4.178 ng/ul

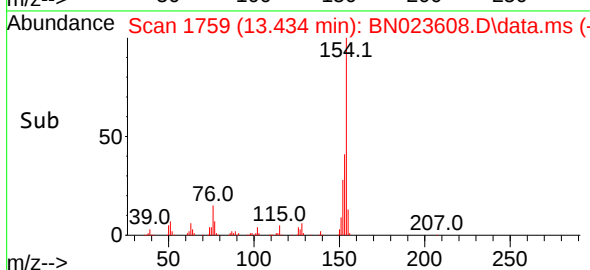
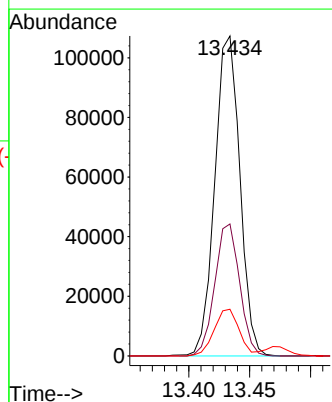
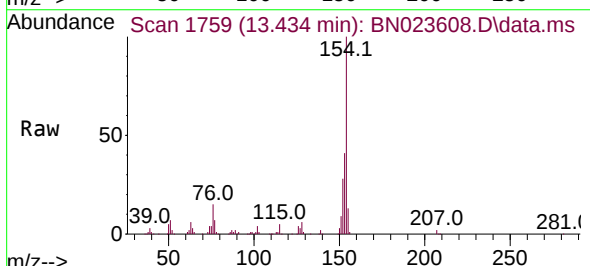
RT: 13.434 min Scan# 1759

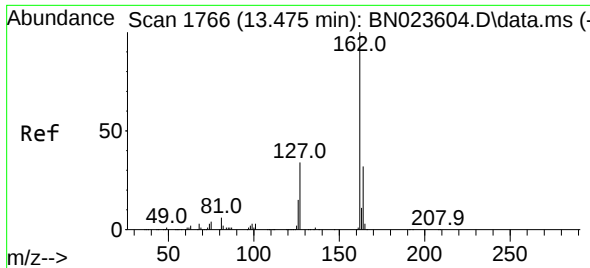
Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

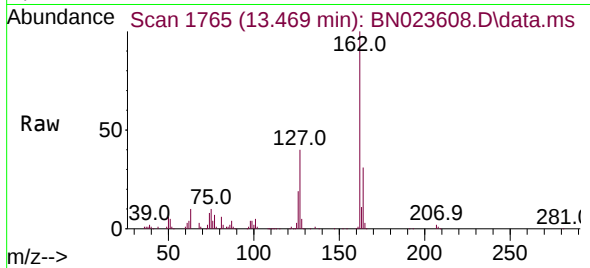
Tgt Ion:	154	Resp:	153996
Ion Ratio	Lower	Upper	
154	100		
153	41.2	32.5	48.7
76	14.6	11.0	16.6





#44
2-Chloronaphthalene
Concen: 4.253 ng/ul
RT: 13.469 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

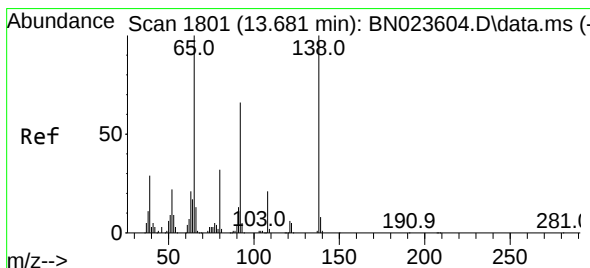
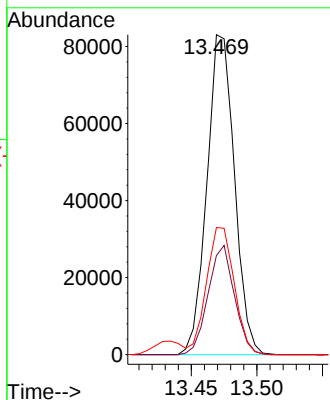
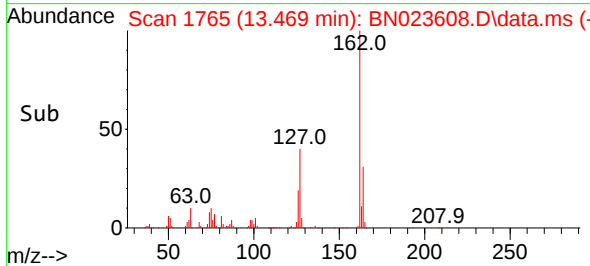
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:162 Resp: 121610
Ion Ratio Lower Upper
162 100
164 31.0 26.2 39.2
127 39.7 31.8 47.8

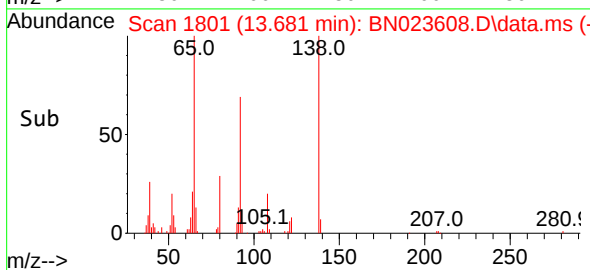
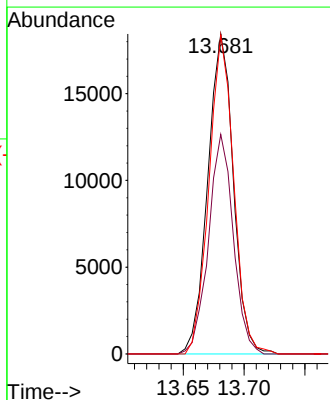
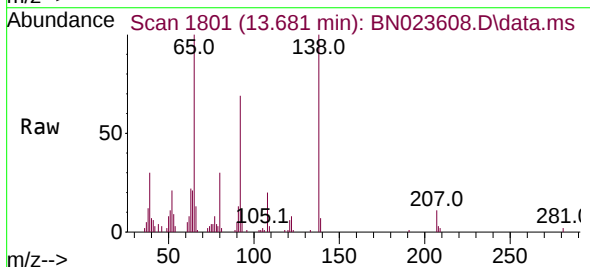
Manual Integrations
APPROVED

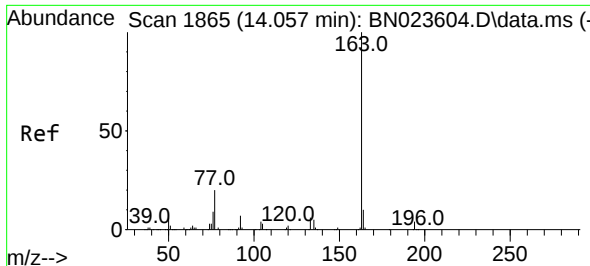
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#45
2-Nitroaniline
Concen: 3.415 ng/ul
RT: 13.681 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

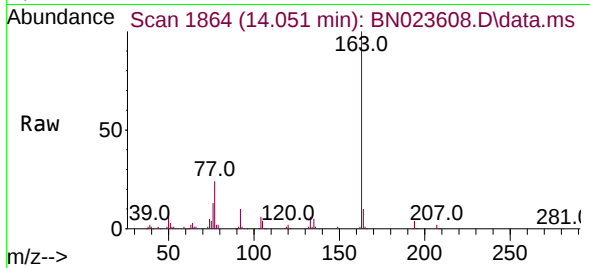
Tgt Ion: 65 Resp: 26931
Ion Ratio Lower Upper
65 100
92 68.6 53.5 80.3
138 99.7 84.0 126.0





#47
Dimethylphthalate
Concen: 4.126 ng/ul
RT: 14.051 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

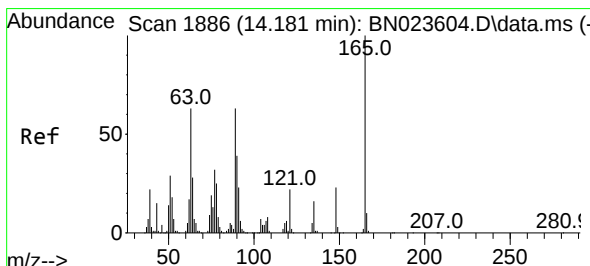
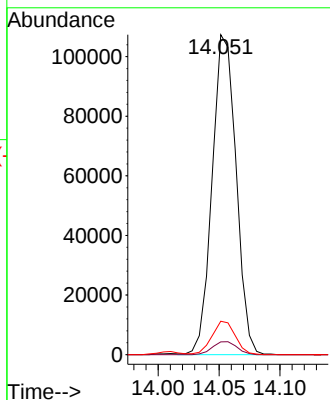
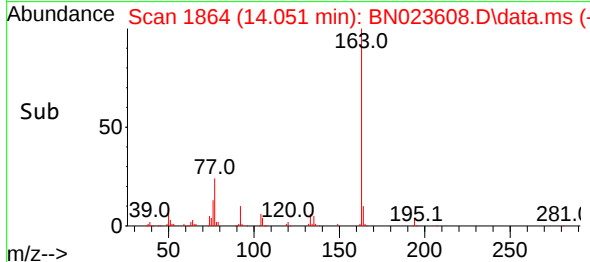
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



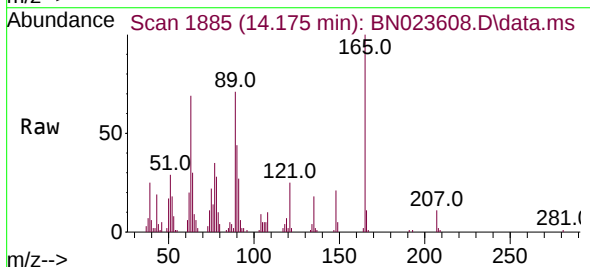
Tgt Ion:163 Resp: 147321
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.4 7.9 11.9

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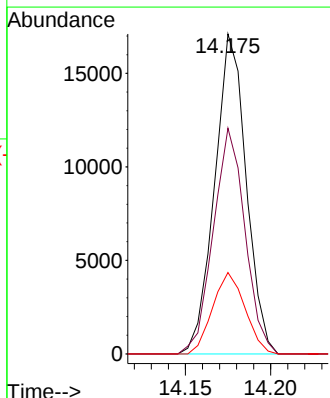
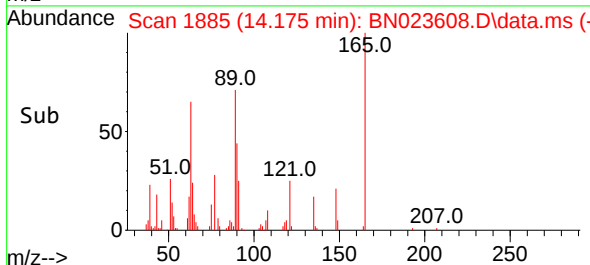
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

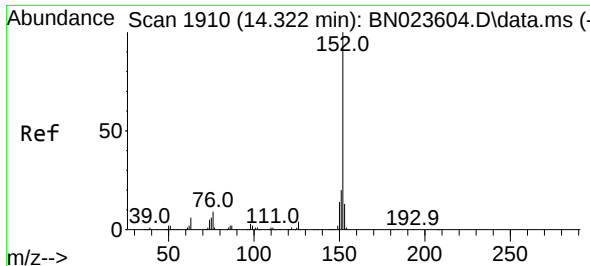


#48
2,6-Dinitrotoluene
Concen: 3.261 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



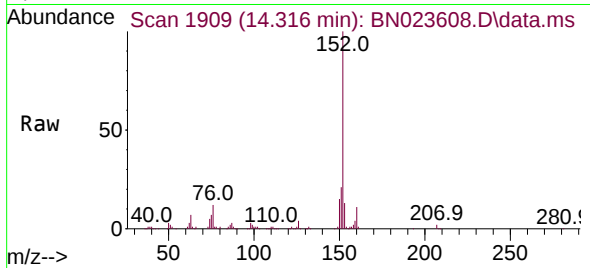
Tgt Ion:165 Resp: 22015
Ion Ratio Lower Upper
165 100
89 70.5 49.9 74.9
121 25.4 19.1 28.7





#50
Acenaphthylene
Concen: 4.258 ng/ul
RT: 14.316 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

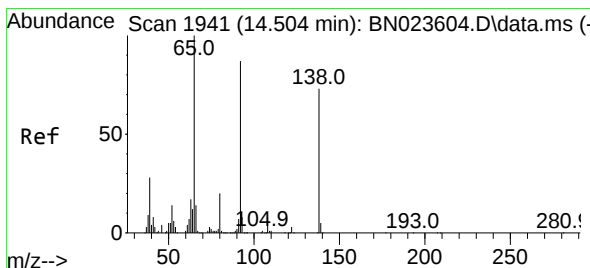
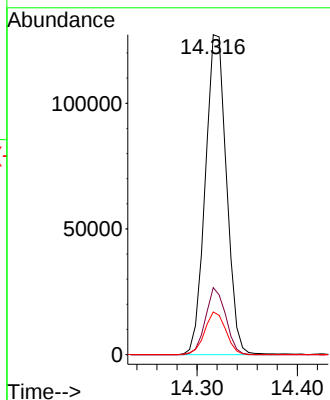
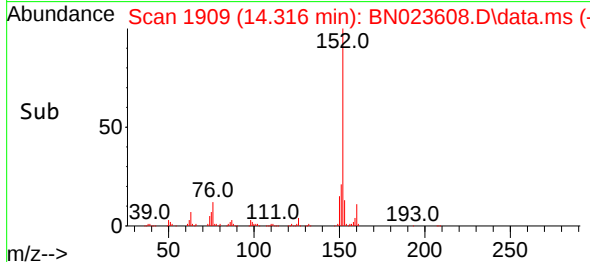
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:152 Resp: 186402
Ion Ratio Lower Upper
152 100
151 20.9 15.8 23.8
153 13.3 10.2 15.4

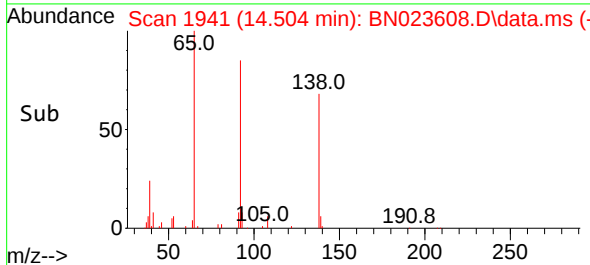
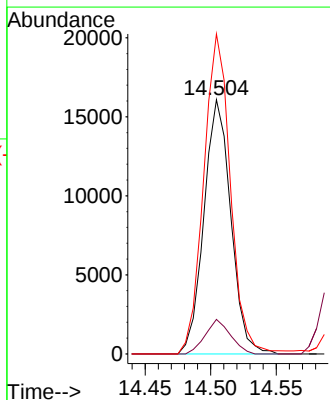
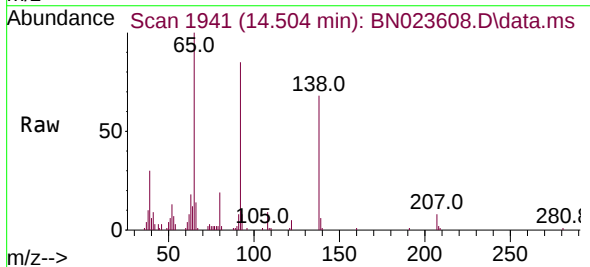
Manual Integrations
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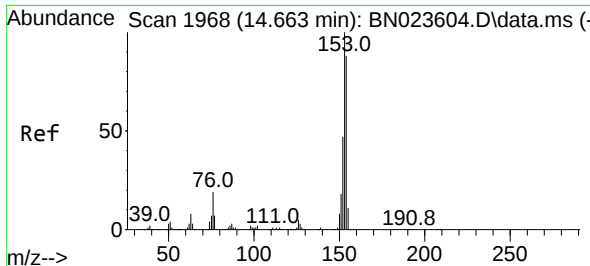
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#51
3-Nitroaniline
Concen: 3.392 ng/ul
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

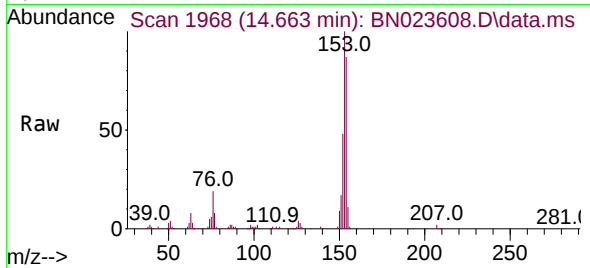
Tgt Ion:138 Resp: 22947
Ion Ratio Lower Upper
138 100
108 13.6 8.1 12.1#
92 125.9 93.2 139.8





#52
Acenaphthene
Concen: 4.329 ng/ul
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

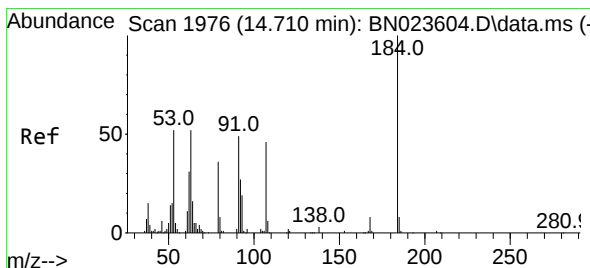
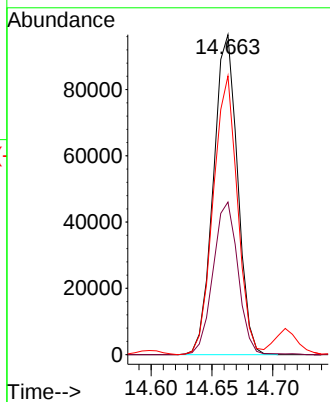
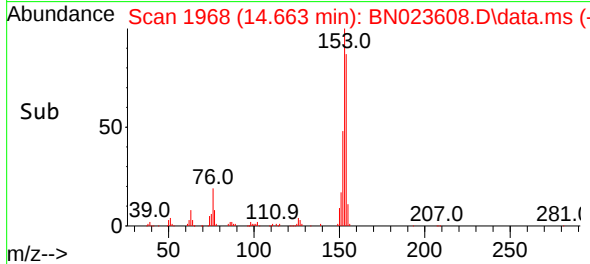
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



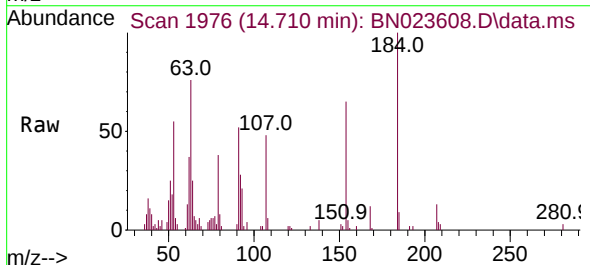
Tgt Ion:153 Resp: 133622
Ion Ratio Lower Upper
153 100
152 47.7 38.5 57.7
154 87.1 71.5 107.3

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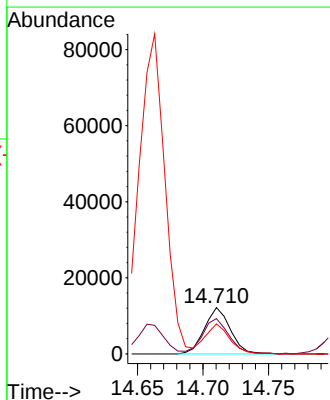
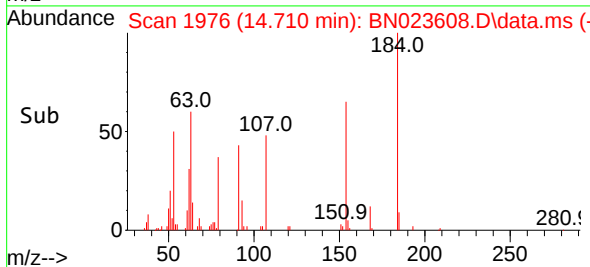
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

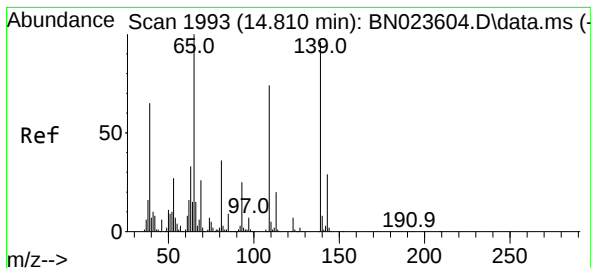


#53
2,4-Dinitrophenol
Concen: 3.766 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



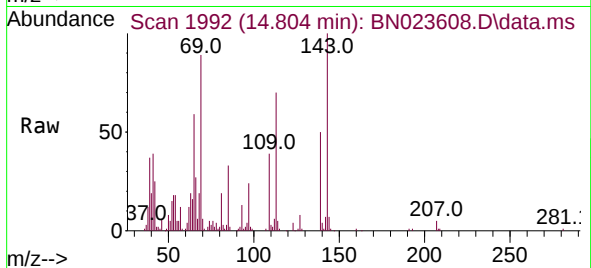
Tgt Ion:184 Resp: 16615
Ion Ratio Lower Upper
184 100
63 76.3 58.2 87.4
154 65.0 49.4 74.0





#55
4-Nitrophenol
Concen: 3.755 ng/ul
RT: 14.804 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

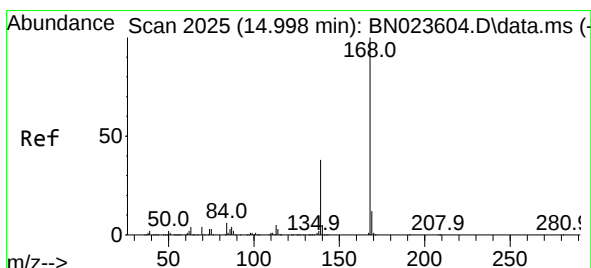
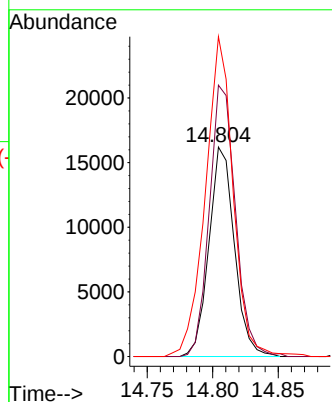
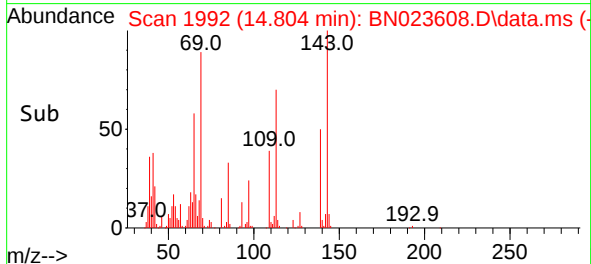
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:109 Resp: 21938
Ion Ratio Lower Upper
109 100
139 129.5 104.8 157.2
65 152.7 107.3 160.9

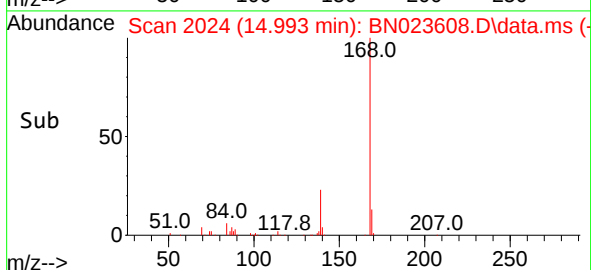
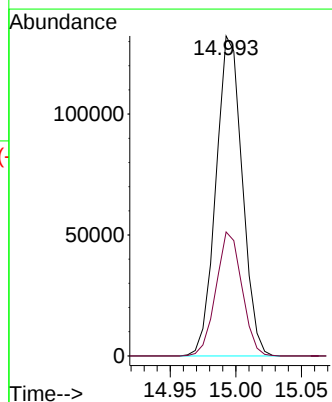
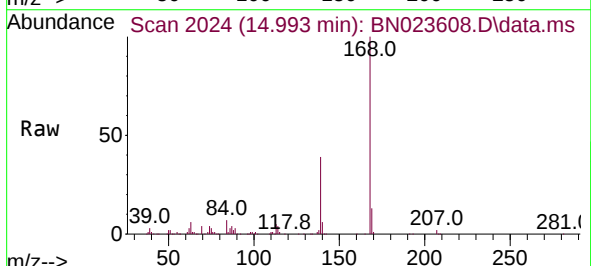
Manual Integrations
APPROVED

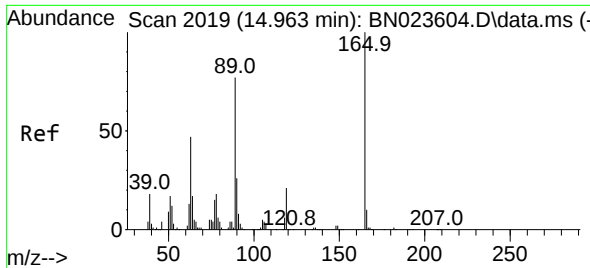
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#56
Dibenzofuran
Concen: 4.294 ng/ul
RT: 14.993 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

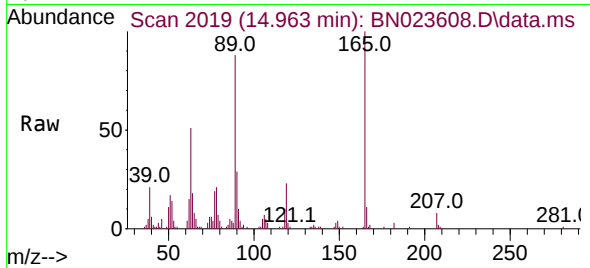
Tgt Ion:168 Resp: 184491
Ion Ratio Lower Upper
168 100
139 38.7 29.6 44.4





#57
2,4-Dinitrotoluene
Concen: 3.405 ng/ul
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

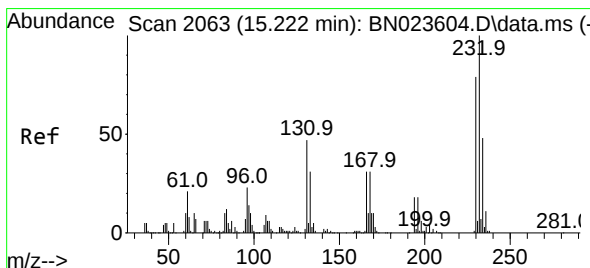
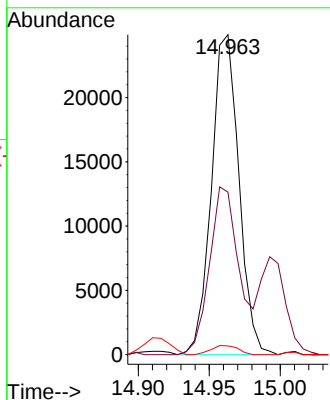
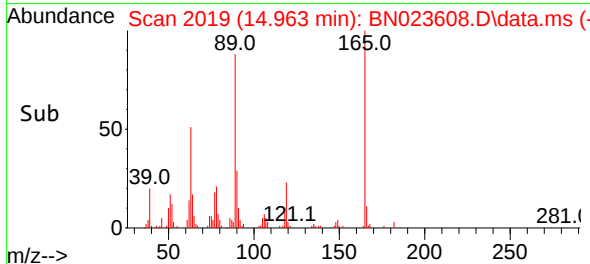
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



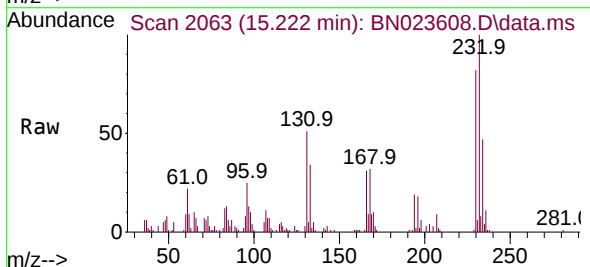
Tgt Ion:165 Resp: 33554
Ion Ratio Lower Upper
165 100
63 50.8 37.2 55.8
182 2.7 2.2 3.2

Manual Integrations
APPROVED

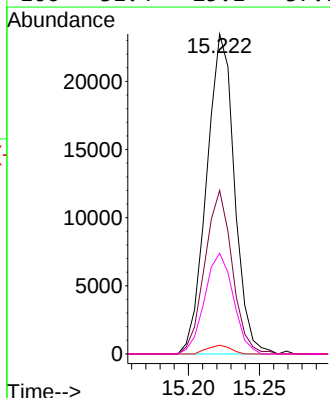
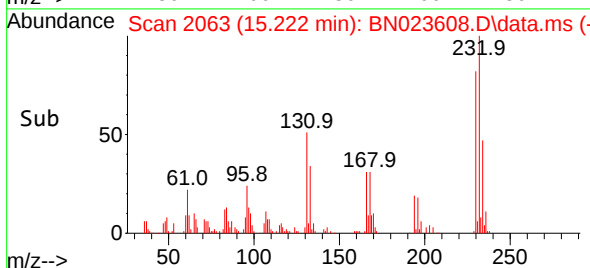
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

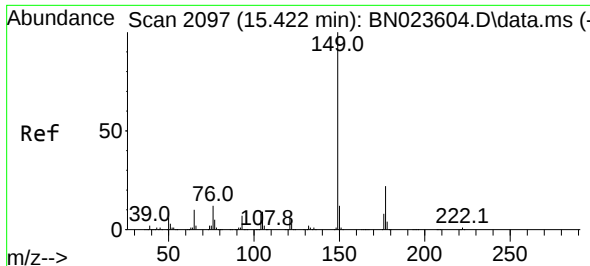


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.668 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



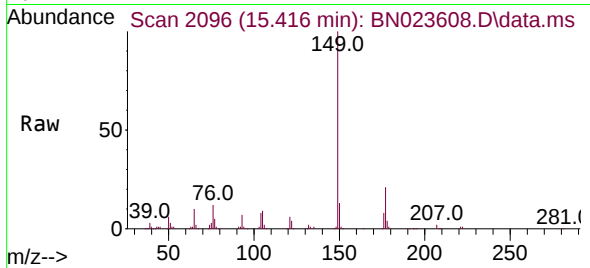
Tgt Ion:232 Resp: 32011
Ion Ratio Lower Upper
232 100
131 51.1 39.5 59.3
130 2.7 2.2 3.4
166 31.4 25.1 37.7





#59
Diethylphthalate
Concen: 3.986 ng/ul
RT: 15.416 min Scan# 2096
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

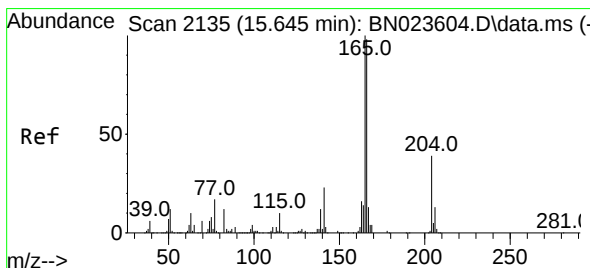
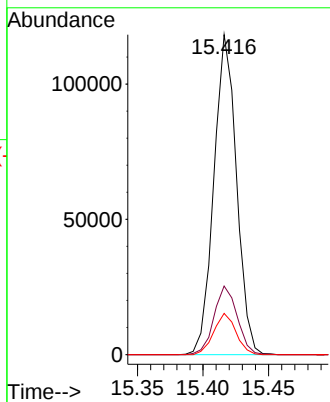
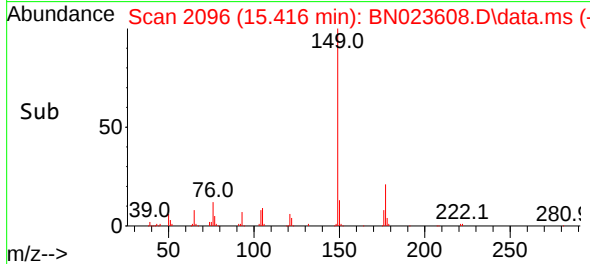
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:149 Resp: 142583
Ion Ratio Lower Upper
149 100
177 21.4 17.9 26.9
150 12.9 9.9 14.9

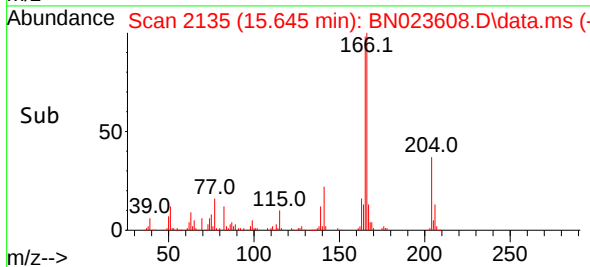
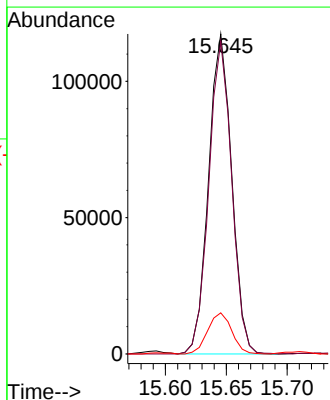
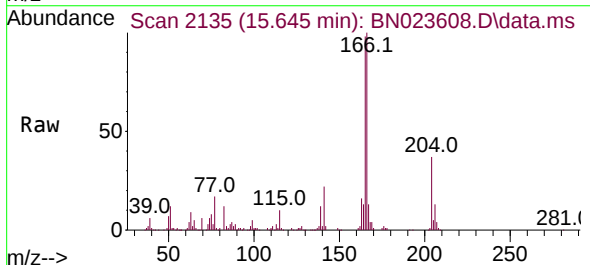
Manual Integrations
APPROVED

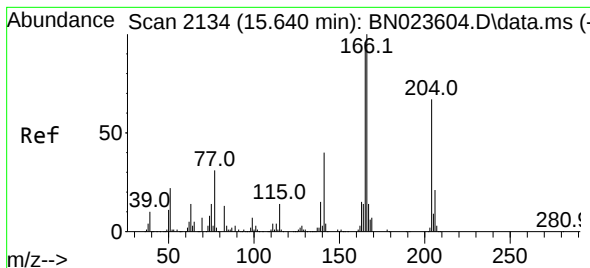
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#61
Fluorene
Concen: 4.464 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

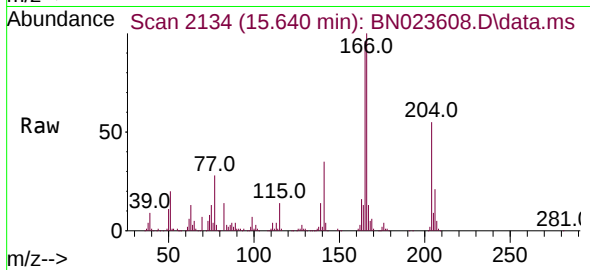
Tgt Ion:166 Resp: 155302
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 12.9 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.402 ng/ul
RT: 15.640 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

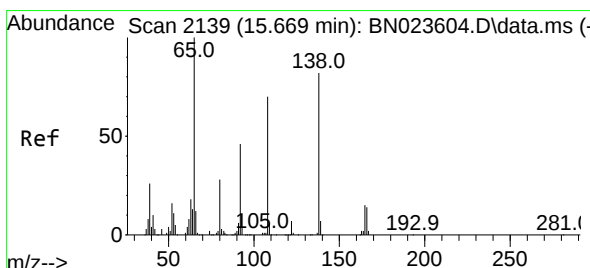
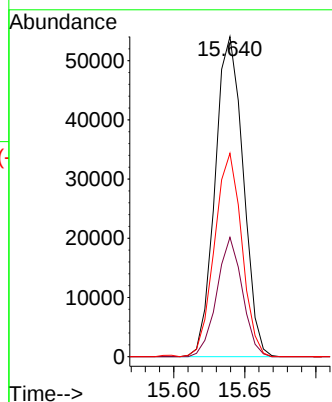
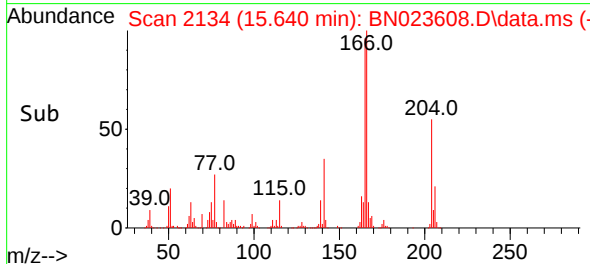
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:204 Resp: 74563
Ion Ratio Lower Upper
204 100
206 37.3 27.0 40.6
141 63.5 51.0 76.4

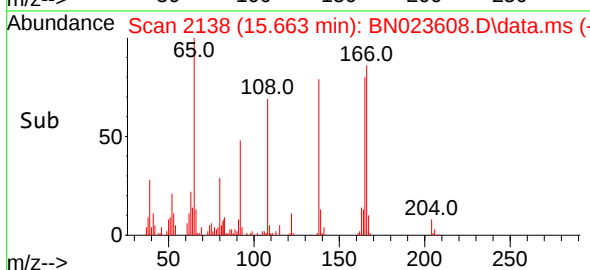
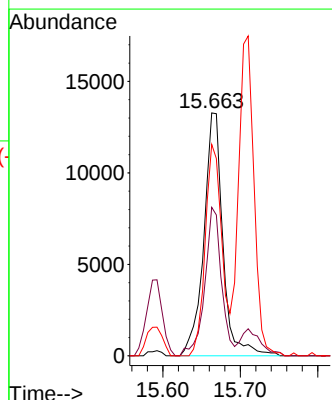
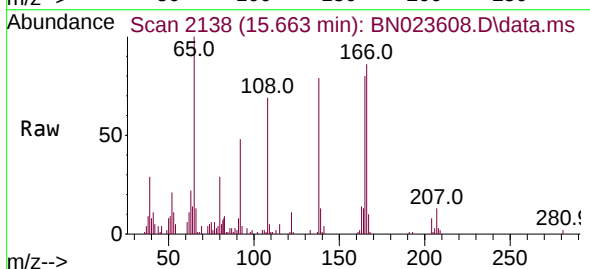
Manual Integrations
APPROVED

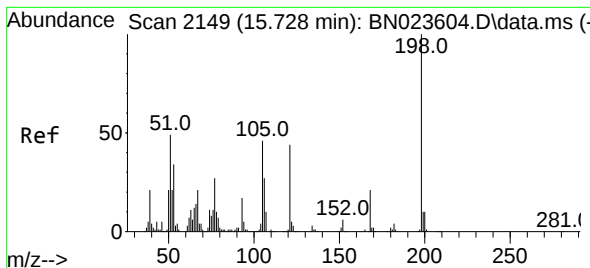
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#63
4-Nitroaniline
Concen: 3.663 ng/ul
RT: 15.663 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

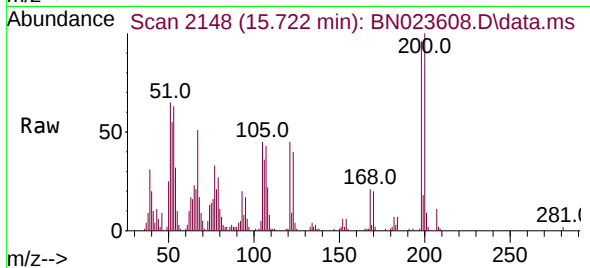
Tgt Ion:138 Resp: 22813
Ion Ratio Lower Upper
138 100
92 61.2 41.3 61.9
108 87.0 64.2 96.2





#66
4,6-Dinitro-2-methylphenol
Concen: 4.359 ng/ul
RT: 15.722 min Scan# 2149
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

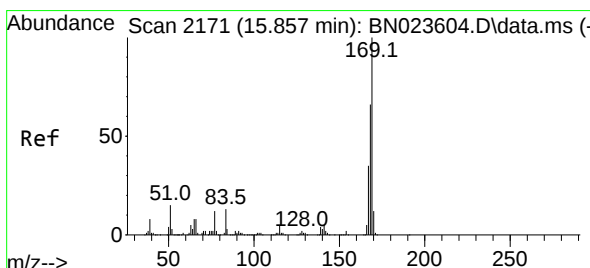
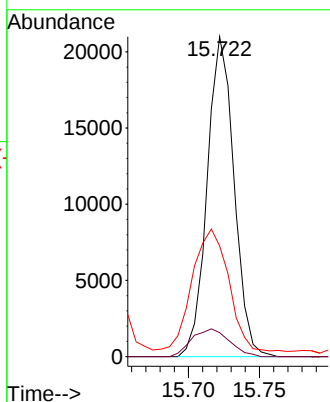
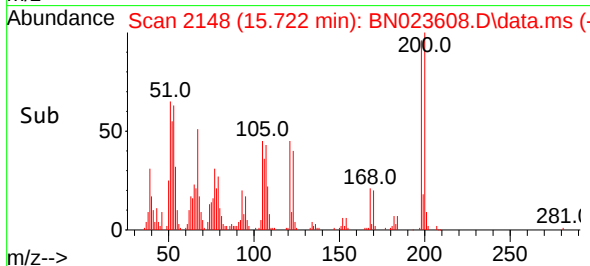
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:198 Resp: 27668
Ion Ratio Lower Upper
198 100
182 7.5 3.6 5.4
77 34.6 21.2 31.8

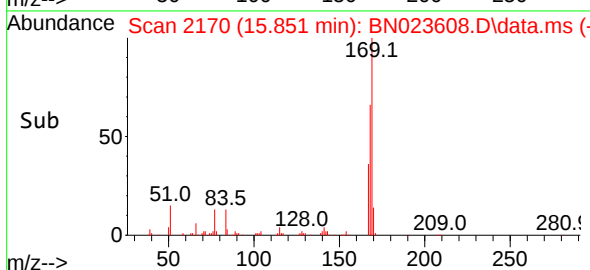
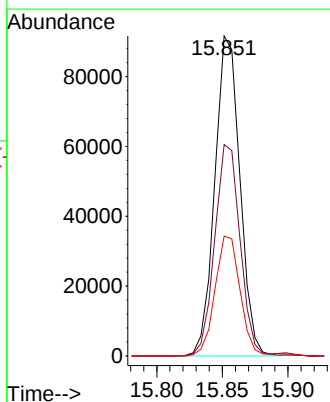
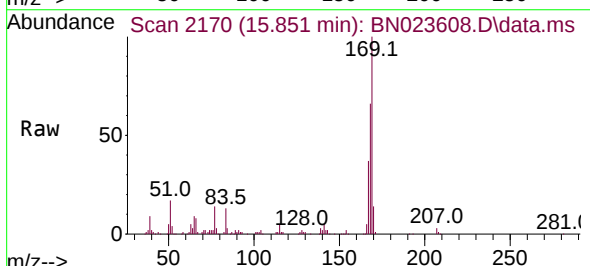
Manual Integrations
APPROVED

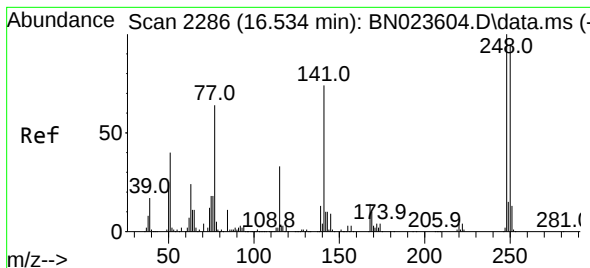
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#67
N-Nitrosodiphenylamine
Concen: 4.088 ng/ul
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

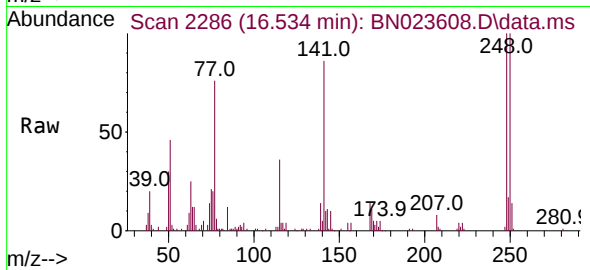
Tgt Ion:169 Resp: 122318
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 37.4 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 3.930 ng/ul
RT: 16.534 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

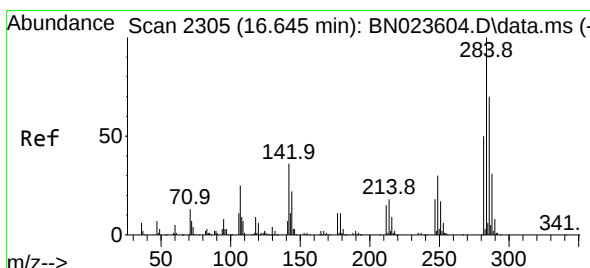
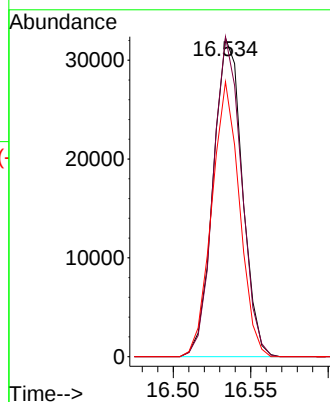
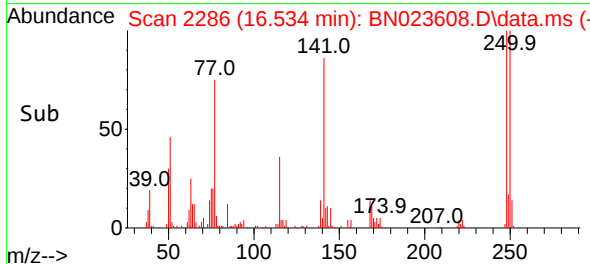
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05



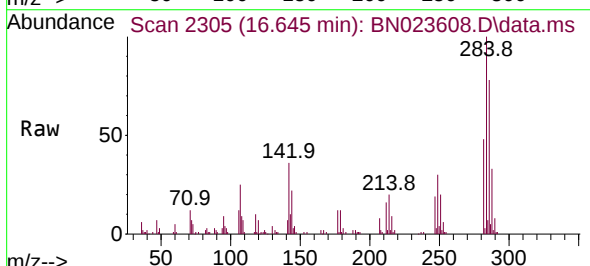
Tgt Ion:248 Resp: 41997
Ion Ratio Lower Upper
248 100
250 100.4 76.4 114.6
141 86.2 58.0 87.0

Manual Integrations
APPROVED

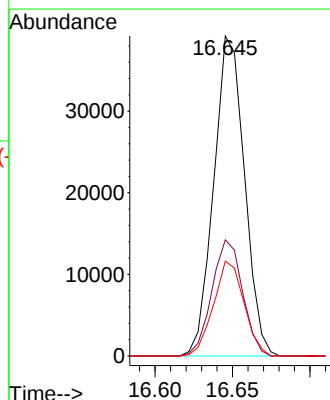
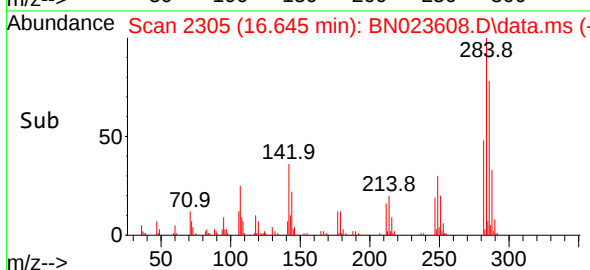
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

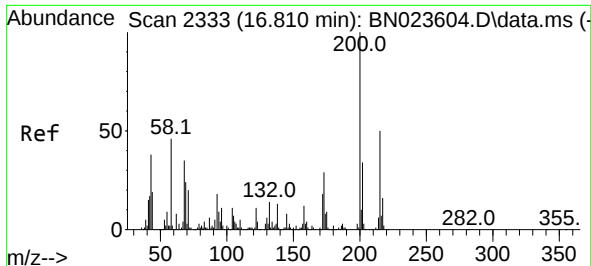


#69
Hexachlorobenzene
Concen: 4.326 ng/ul
RT: 16.645 min Scan# 2305
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



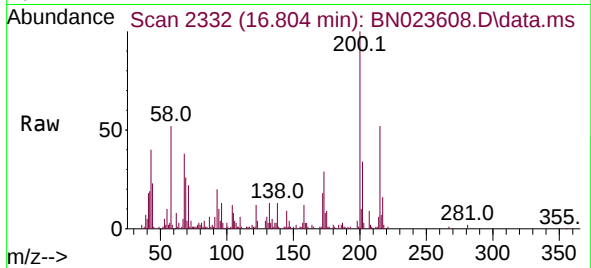
Tgt Ion:284 Resp: 54173
Ion Ratio Lower Upper
284 100
142 36.3 28.9 43.3
249 29.6 24.2 36.2





#70
Atrazine
Concen: 3.851 ng/ul
RT: 16.804 min Scan# 2332
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

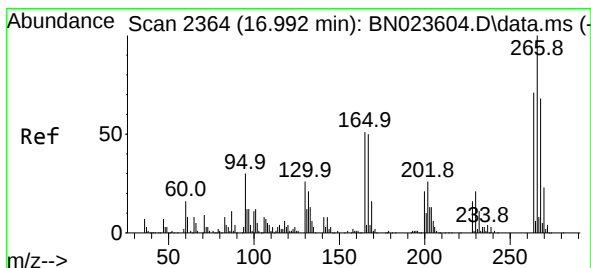
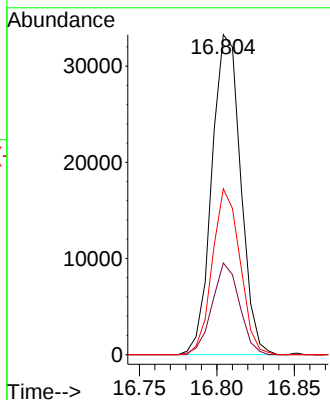
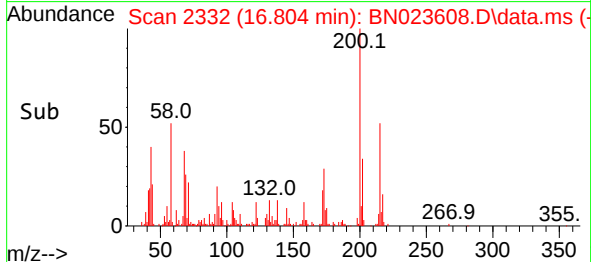
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



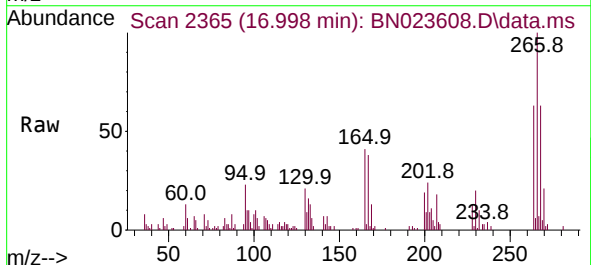
Tgt Ion:200 Resp: 43128
Ion Ratio Lower Upper
200 100
173 28.7 21.4 32.2
215 51.8 39.0 58.6

Manual Integrations
APPROVED

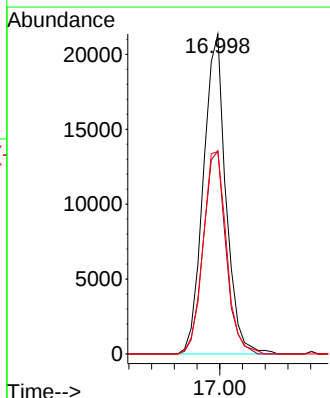
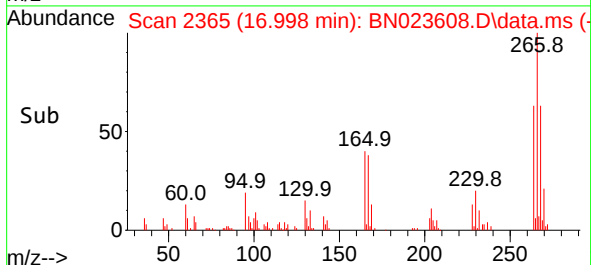
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023

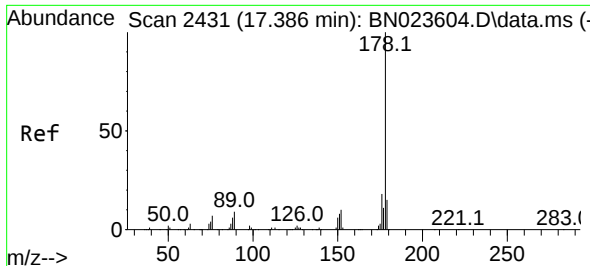


#71
Pentachlorophenol
Concen: 3.677 ng/ul
RT: 16.998 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19



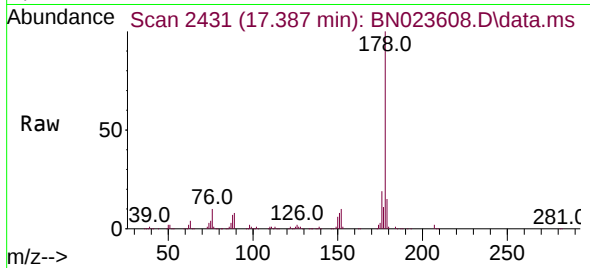
Tgt Ion:266 Resp: 29392
Ion Ratio Lower Upper
266 100
264 63.5 51.4 77.0
268 63.2 54.5 81.7





#72
Phenanthrene
Concen: 4.327 ng/ul
RT: 17.387 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

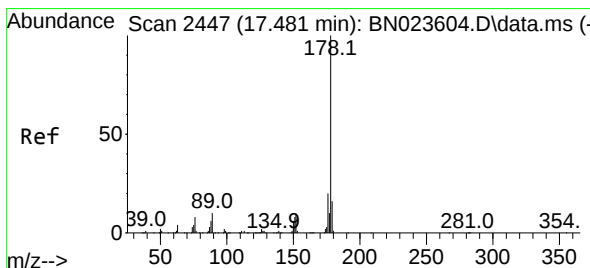
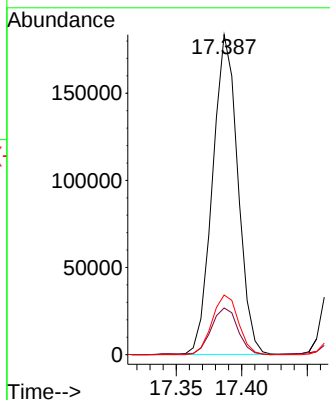
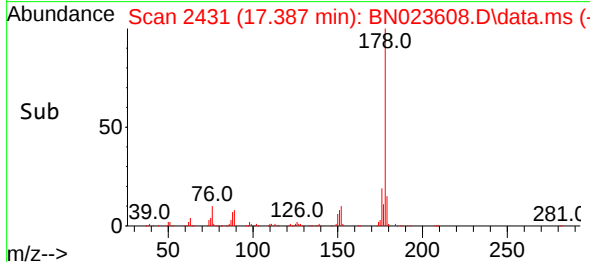
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT3-2022-05



Tgt Ion:178 Resp: 247173
Ion Ratio Lower Upper
178 100
179 14.6 12.3 18.5
176 18.6 15.2 22.8

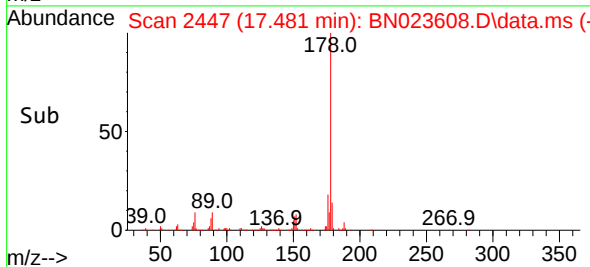
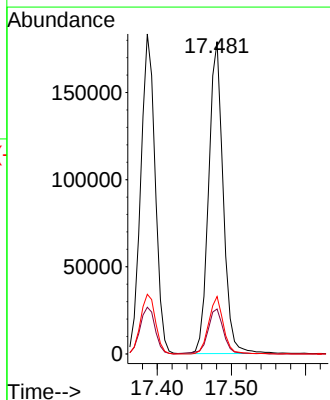
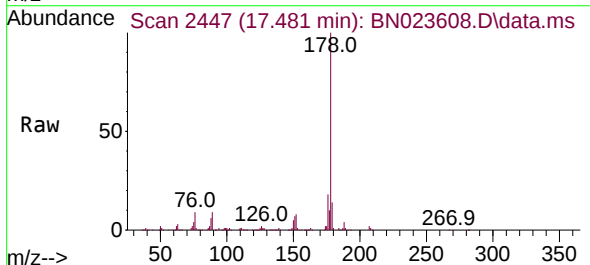
Manual Integrations
APPROVED

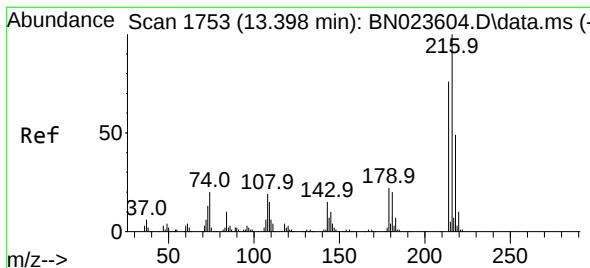
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#74
Anthracene
Concen: 4.286 ng/ul
RT: 17.481 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

Tgt Ion:178 Resp: 243680
Ion Ratio Lower Upper
178 100
179 14.4 12.6 19.0
176 18.4 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.873 ng/uL

RT: 13.399 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

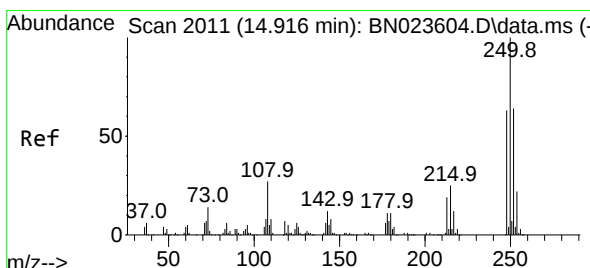
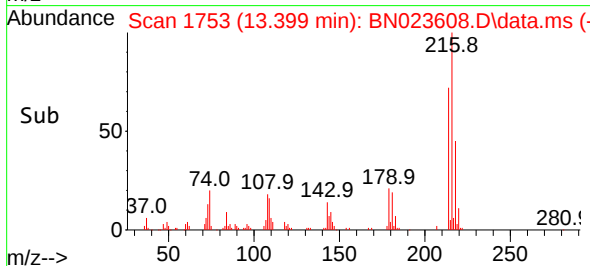
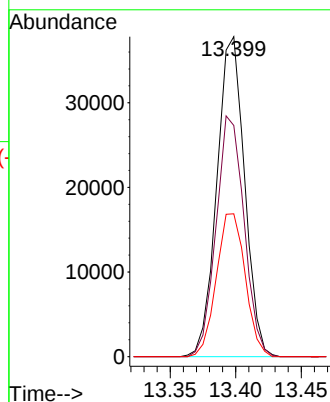
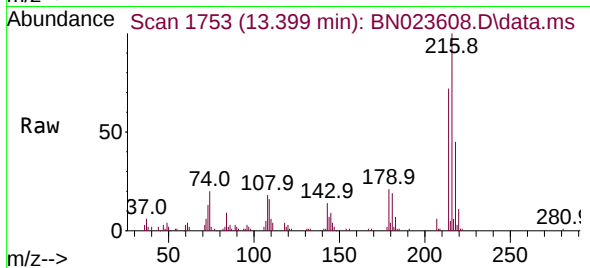
MDL-SOIL-QT3-2022-05

Tgt Ion:216	Resp:	55589
Ion Ratio	Lower	Upper
216	100	
214	72.2	61.0 91.4
218	44.6	39.8 59.8

Manual Integrations

APPROVED

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



#76

Pentachlorobenzene

Concen: 3.821 ng/uL

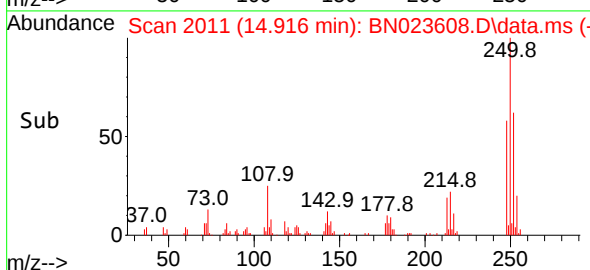
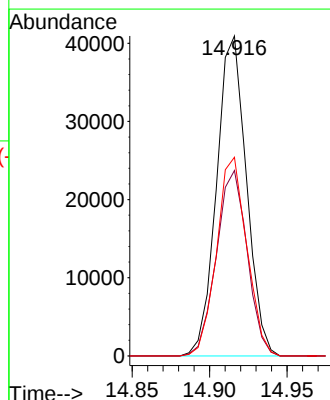
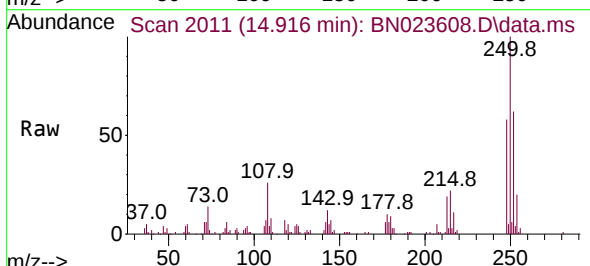
RT: 14.916 min Scan# 2011

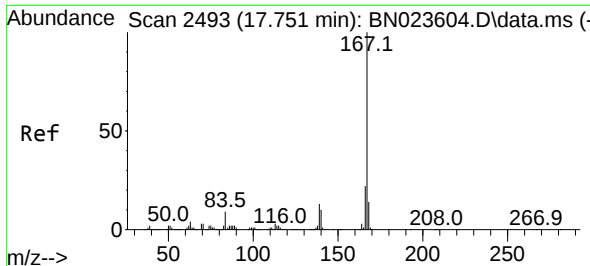
Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

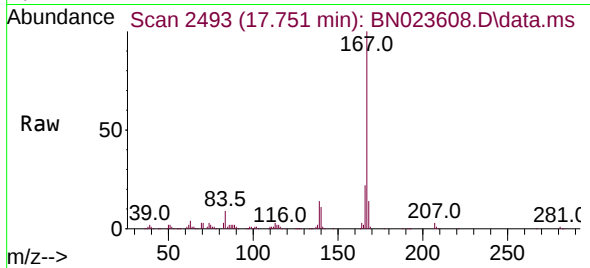
Tgt Ion:250	Resp:	54944
Ion Ratio	Lower	Upper
250	100	
248	57.9	50.3 75.5
252	62.1	48.9 73.3





#77
 Carbazole
 Concen: 4.004 ng/ul
 RT: 17.751 min Scan# 2493
 Delta R.T. -0.006 min
 Lab File: BN023608.D
 Acq: 11 Jan 2023 12:19

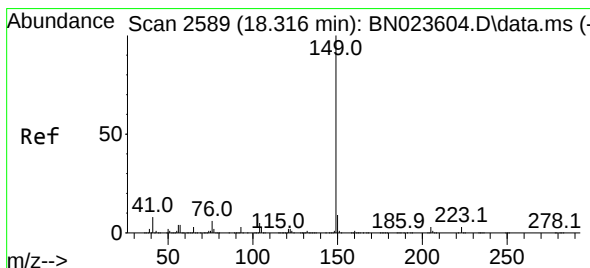
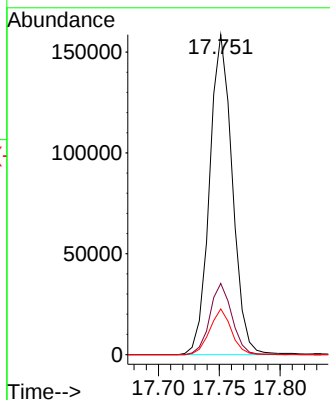
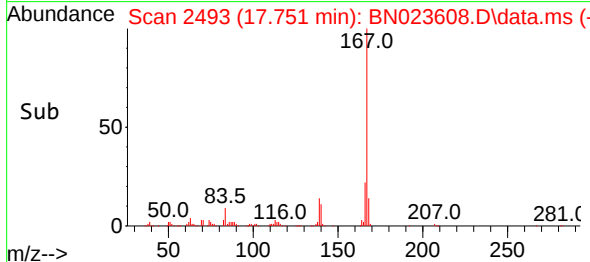
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-QT3-2022-05



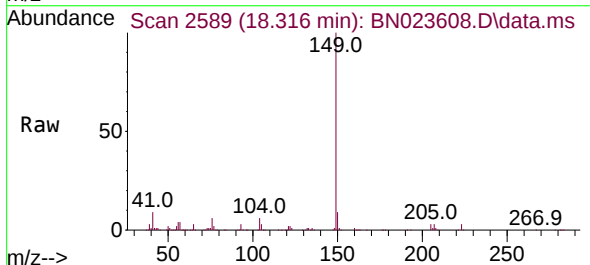
Tgt Ion:167 Resp: 206681
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 14.3 11.0 16.6

Manual Integrations
 APPROVED

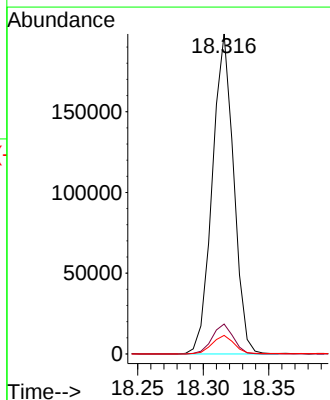
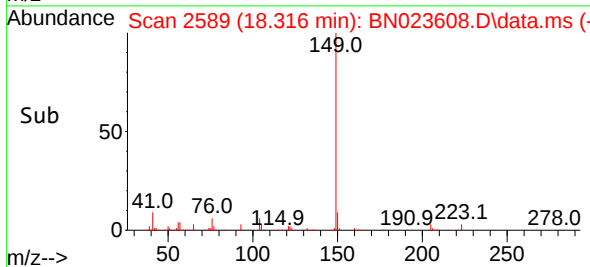
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023

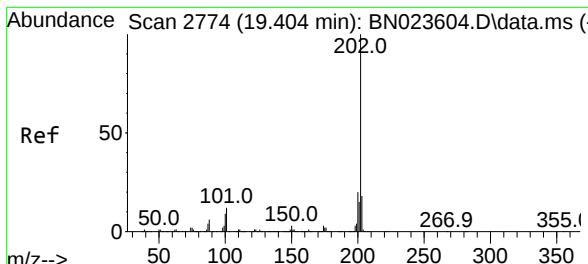


#78
 Di-n-butylphthalate
 Concen: 3.662 ng/ul
 RT: 18.316 min Scan# 2589
 Delta R.T. -0.006 min
 Lab File: BN023608.D
 Acq: 11 Jan 2023 12:19



Tgt Ion:149 Resp: 224475
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.8 4.3 6.5





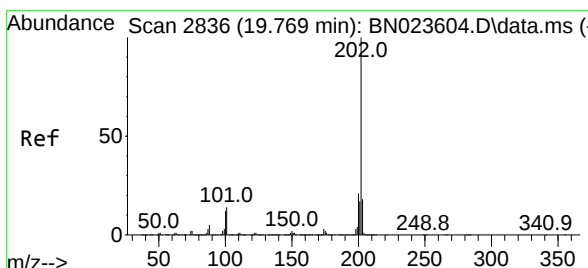
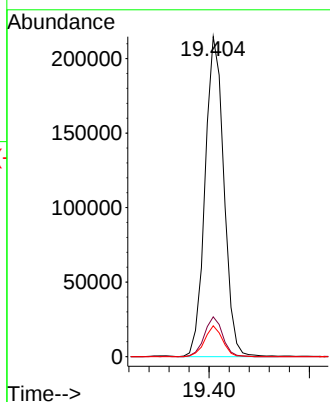
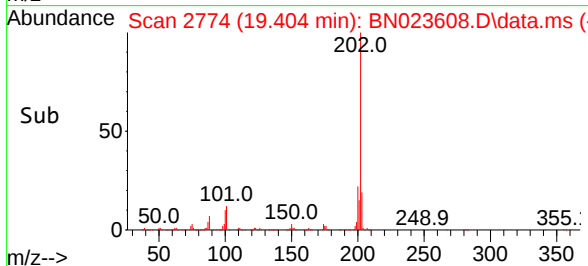
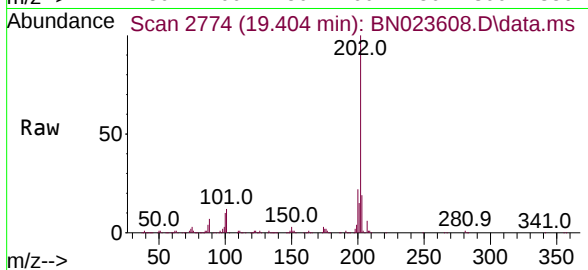
#80
 Fluoranthene
 Concen: 3.971 ng/ul
 RT: 19.404 min Scan# 2774
 Delta R.T. -0.006 min
 Lab File: BN023608.D
 Acq: 11 Jan 2023 12:19

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

Tgt Ion:	202	Resp:	278695
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.5	14.3
100	9.6	7.3	10.9

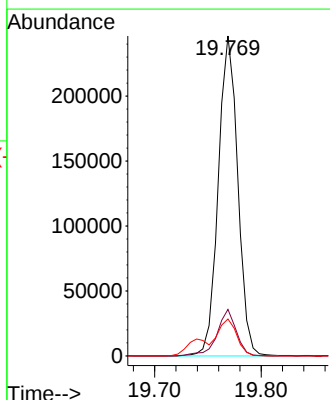
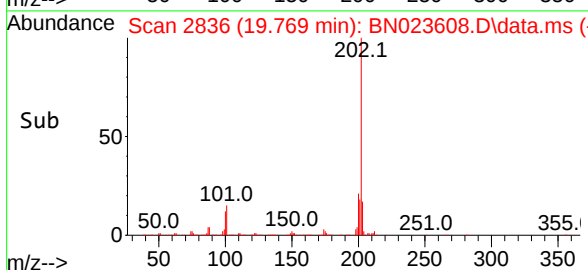
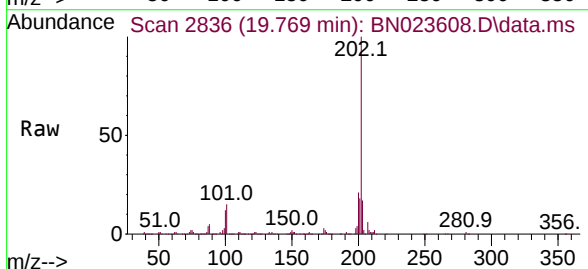
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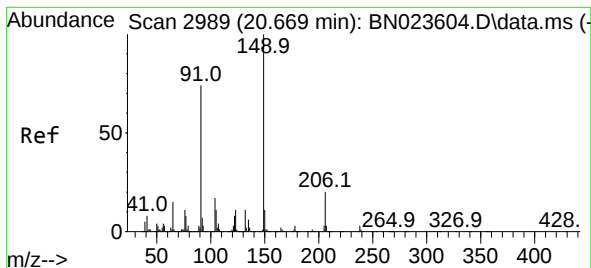
Reviewed By :Jagrut Upadhyay 01/12/2023
 Supervised By :mohammad ahmed 01/12/2023



#82
 Pyrene
 Concen: 4.229 ng/ul
 RT: 19.769 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BN023608.D
 Acq: 11 Jan 2023 12:19

Tgt Ion:	202	Resp:	313521
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.9	16.3
100	11.5	8.9	13.3





#83

Butylbenzylphthalate

Concen: 3.387 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-05

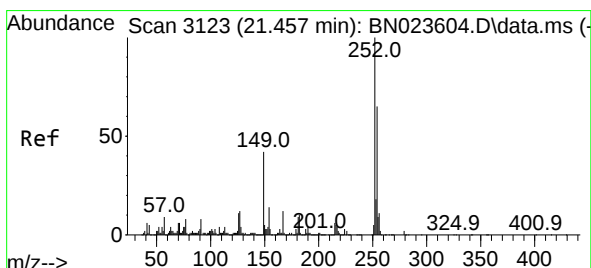
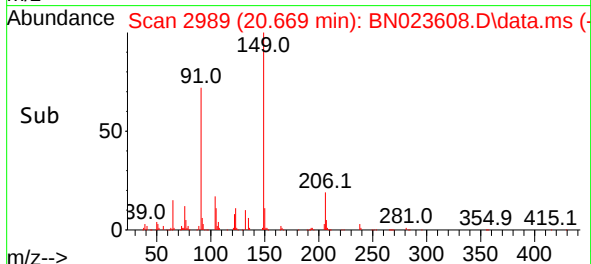
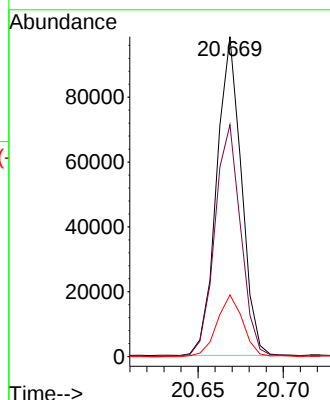
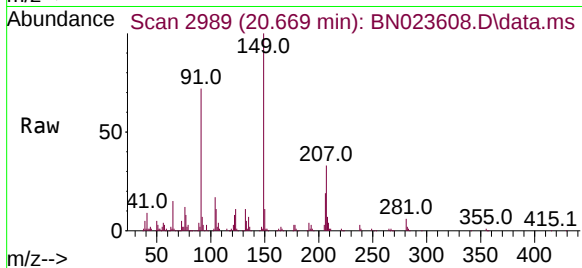
Tgt Ion:149 Resp: 99388

Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.9	86.9
206	19.3	16.8	25.2

Manual Integrations

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



#84

3,3'-Dichlorobenzidine

Concen: 3.434 ng/ul

RT: 21.457 min Scan# 3123

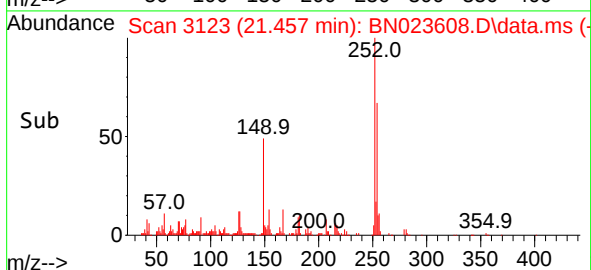
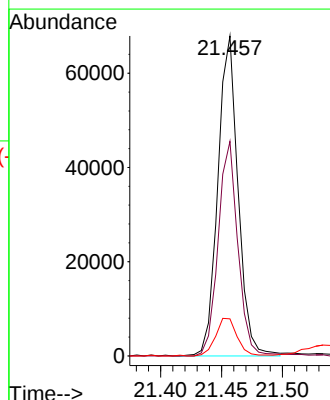
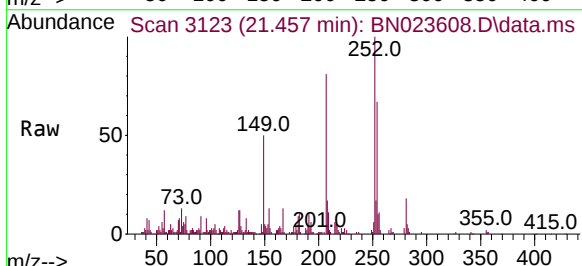
Delta R.T. -0.006 min

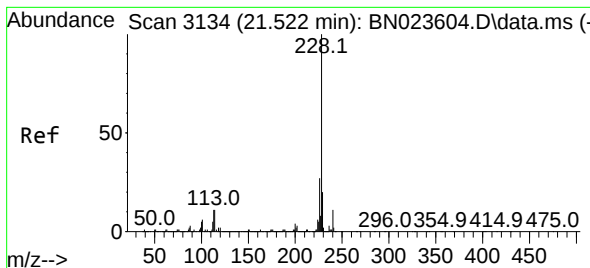
Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Tgt Ion:252 Resp: 78703

Ion	Ratio	Lower	Upper
252	100		
254	67.0	51.2	76.8
126	11.6	8.8	13.2





#85

Benzo(a)anthracene

Concen: 4.071 ng/ul

RT: 21.522 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-05

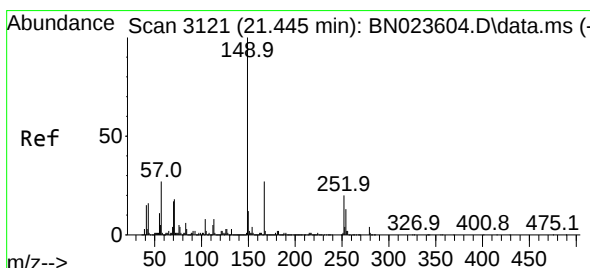
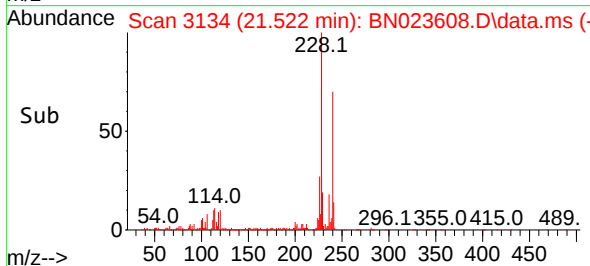
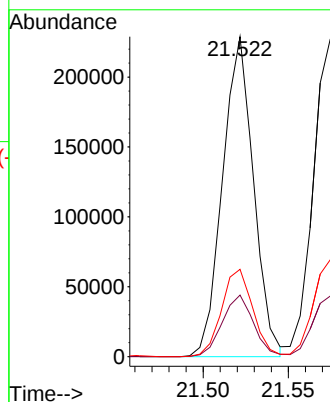
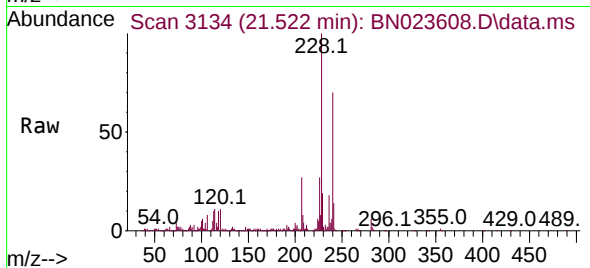
Tgt Ion:228 Resp: 289302

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.0	22.4
226	27.3	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: 3.452 ng/ul

RT: 21.445 min Scan# 3121

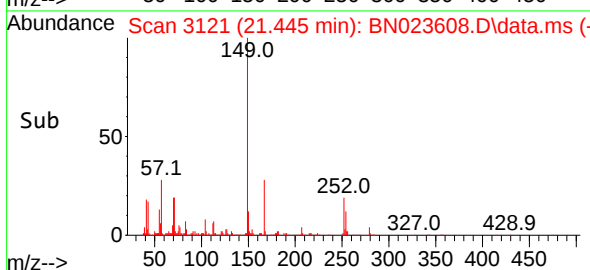
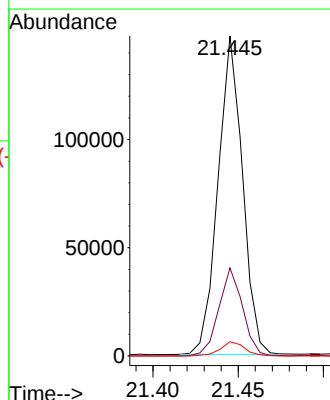
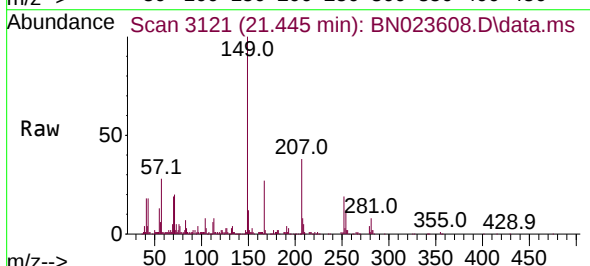
Delta R.T. -0.006 min

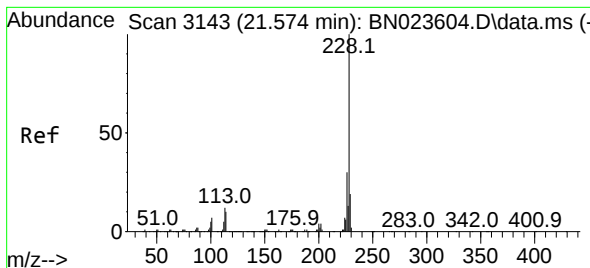
Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Tgt Ion:149 Resp: 147112

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.0	33.0
279	4.4	3.4	5.2





#87

Chrysene

Concen: 4.265 ng/ul

RT: 21.575 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

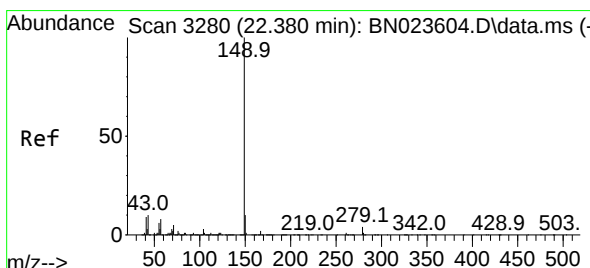
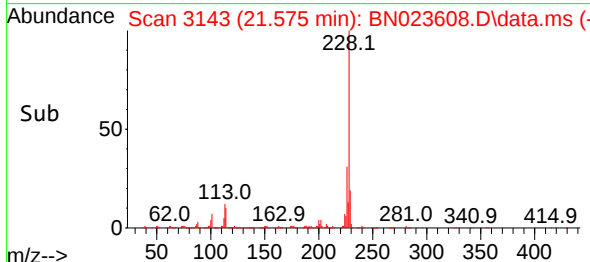
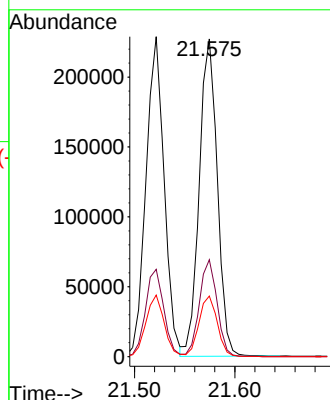
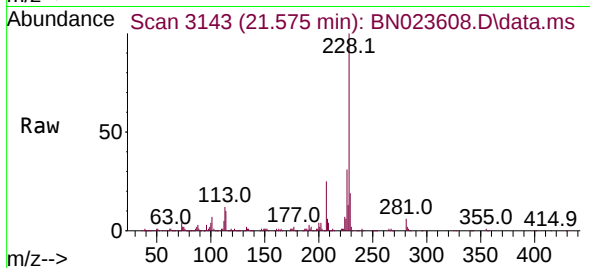
MDL-SOIL-QT3-2022-05

Tgt Ion:228 Resp: 28417
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 19.1 16.8 25.2

Manual Integrations

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



#89

Di-n-octyl phthalate

Concen: 2.967 ng/ul

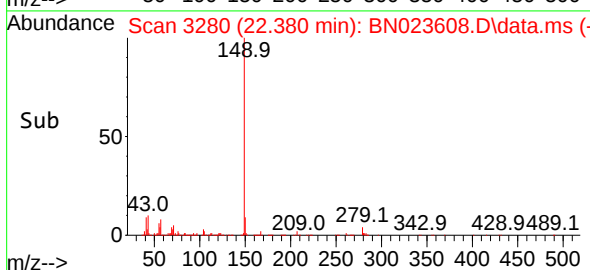
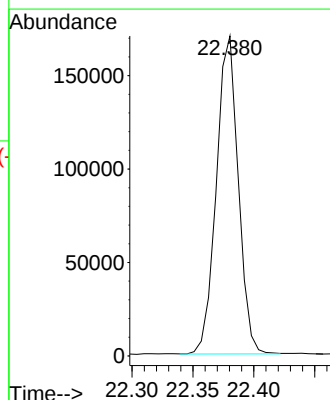
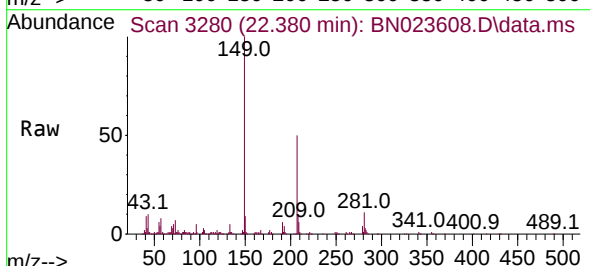
RT: 22.380 min Scan# 3280

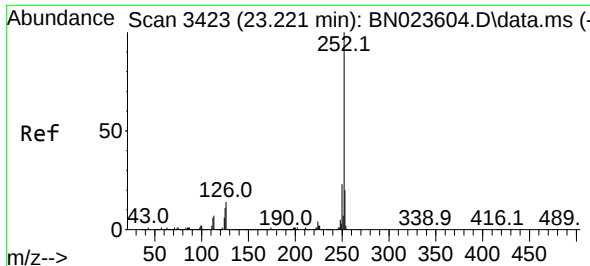
Delta R.T. 0.000 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

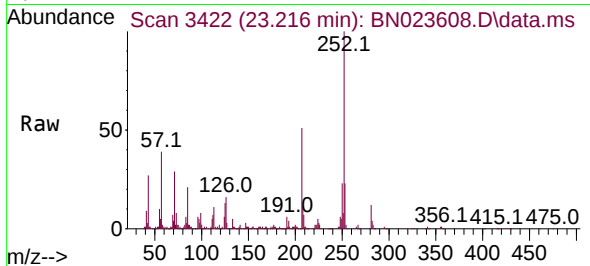
Tgt Ion:149 Resp: 213205





#90
Benzo(b)fluoranthene
Concen: 4.221 ng/ul
RT: 23.216 min Scan# 3423
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

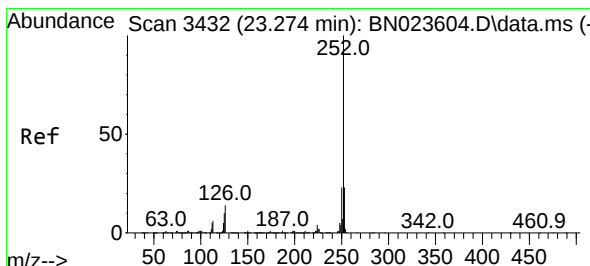
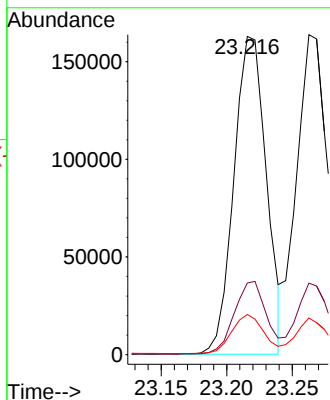
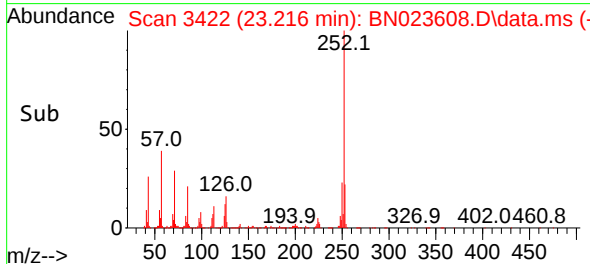
Instrument : BNA_N
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:252 Resp: 279936
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 12.6 8.6 13.0

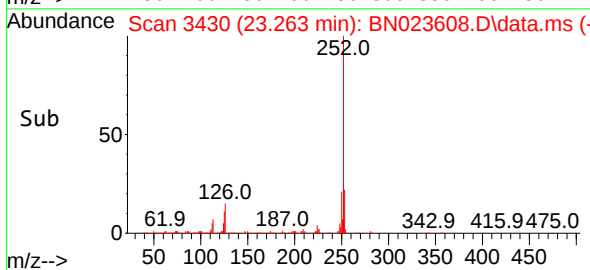
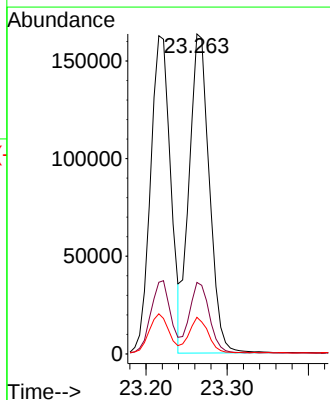
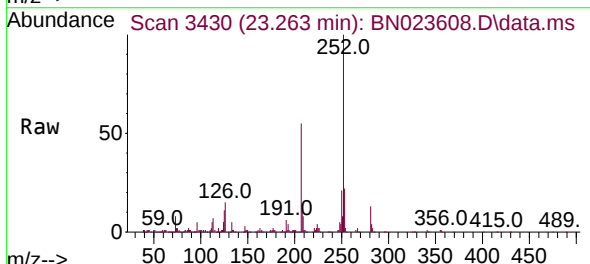
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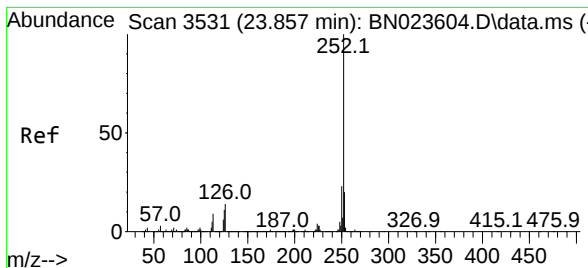
Reviewed By :Jagrut Upadhyay 01/12/2023
Supervised By :mohammad ahmed 01/12/2023



#91
Benzo(k)fluoranthene
Concen: 4.309 ng/ul
RT: 23.263 min Scan# 3430
Delta R.T. -0.012 min
Lab File: BN023608.D
Acq: 11 Jan 2023 12:19

Tgt Ion:252 Resp: 282663
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.5 8.6 12.8





#93

Benzo(a)pyrene

Concen: 4.312 ng/ul

RT: 23.851 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BN023608.D

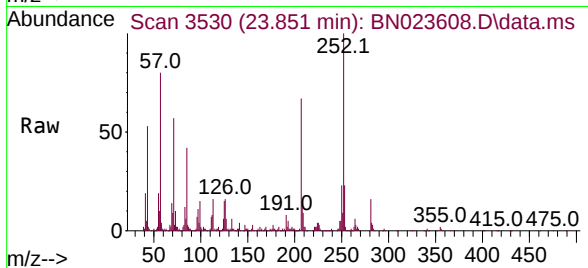
Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT3-2022-05



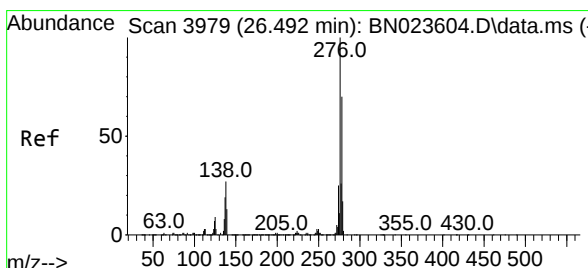
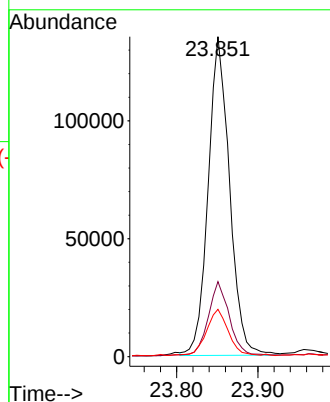
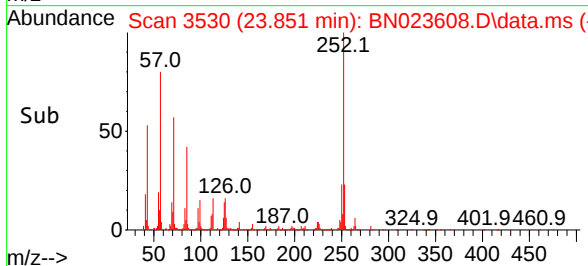
Tgt Ion:252 Resp: 247963

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.6	25.0
125	14.8	9.8	14.6

Manual Integrations

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.182 ng/ul

RT: 26.480 min Scan# 3977

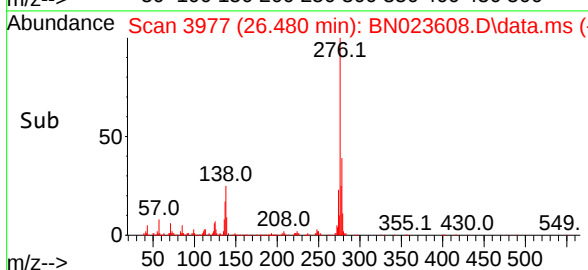
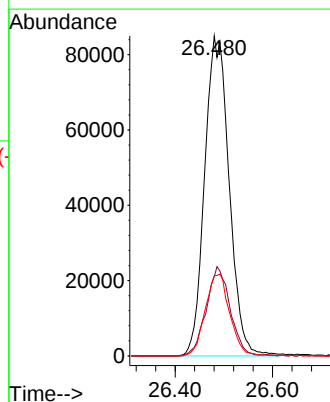
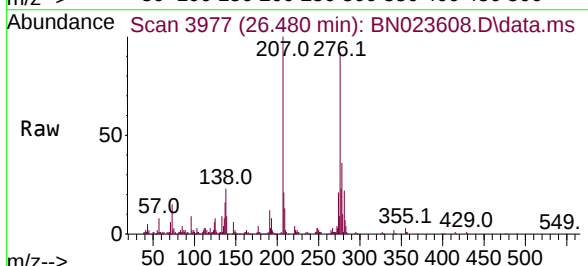
Delta R.T. -0.023 min

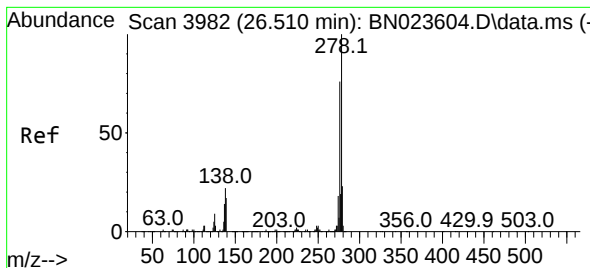
Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Tgt Ion:276 Resp: 297237

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.1	18.9	28.3





#95

Dibenzo(a,h)anthracene

Concen: 4.171 ng/ul

RT: 26.504 min Scan# 3982

Delta R.T. -0.018 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Instrument :

BNA_N

ClientSampleId :

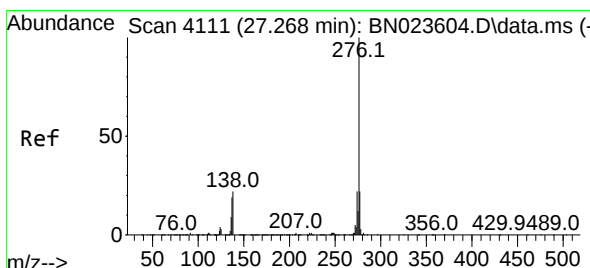
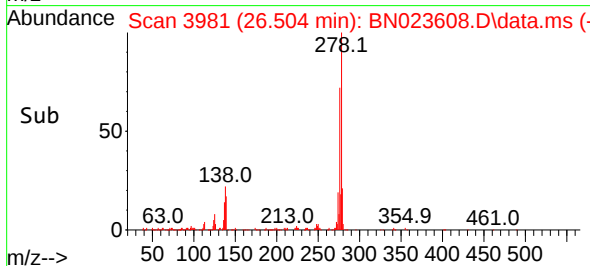
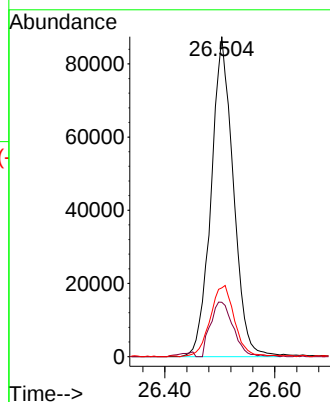
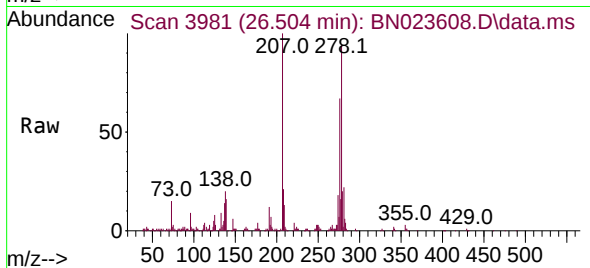
MDL-SOIL-QT3-2022-05

Tgt Ion:	278	Resp:	245132
Ion Ratio	Lower	Upper	
278	100		
139	17.0	14.1	21.1
279	21.5	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: 4.049 ng/ul

RT: 27.262 min Scan# 4110

Delta R.T. -0.023 min

Lab File: BN023608.D

Acq: 11 Jan 2023 12:19

Tgt Ion:	276	Resp:	229219
Ion Ratio	Lower	Upper	
276	100		
138	22.4	17.0	25.6
277	24.7	17.6	26.4

