

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023566.D
 Acq On : 05 Jan 2023 13:15
 Operator : CG/JU
 Sample : N5388-05
 Misc : SFAM-MDL-MES-01-4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

Quant Time: Jan 05 14:00:08 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 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	185680	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	844264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	534570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1223140	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1214847	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1259583	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16408	3.803	ng/uL	0.00
4) Pyridine-d5	3.728	84	147677	11.407	ng/u1	0.00
7) Phenol-d5	7.105	99	257047	15.620	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	164940	16.338	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	206883	16.415	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	208523	15.875	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	103977	16.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	108346	16.077	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	202389	15.744	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	312034	15.432	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	661460	16.634	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	746971	16.953	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	125773	15.536	ng/u1	0.00
60) Fluorene-d10	15.592	176	587898	17.302	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	102061	13.832	ng/u1	0.00
73) Anthracene-d10	17.445	188	922060	16.846	ng/u1	0.00
81) Pyrene-d10	19.745	212	1128450	16.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1008111	16.184	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	4658m	1.023	ng/uL	
5) Pyridine	3.752	79	41994	3.169	ng/u1#	78
6) Benzaldehyde	7.081	77	30893	4.847	ng/u1	99
8) Phenol	7.128	94	68790	4.106	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.363	93	56620	4.278	ng/u1	98
12) 2-Chlorophenol	7.505	128	55803	4.285	ng/u1	98
13) 2-Methylphenol	8.393	108	48254	3.828	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.487	45	76397	4.316	ng/u1	98
16) Acetophenone	8.775	105	85300	4.202	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	41846	4.094	ng/u1	97
18) 4-Methylphenol	8.722	108	56492	4.069	ng/u1	97
19) Hexachloroethane	9.028	117	21771	4.179	ng/u1	97
22) Nitrobenzene	9.157	77	65174	4.090	ng/u1	97
23) Isophorone	9.687	82	107942	3.746	ng/u1	99
25) 2-Nitrophenol	9.875	139	30751	4.105	ng/u1	96
26) 2,4-Dimethylphenol	9.934	107	61586	4.051	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.175	93	77788	4.162	ng/u1	97
29) 2,4-Dichlorophenol	10.404	162	54577	4.243	ng/u1	98
30) Naphthalene	10.810	128	194934	4.295	ng/u1	99
32) 4-Chloroaniline	10.928	127	81647	4.032	ng/u1	98
33) Hexachlorobutadiene	11.099	225	34868	4.383	ng/u1	97
34) Caprolactam	11.716	113	15383m	3.561	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	54521	3.887	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	128153	4.236	ng/u1	94

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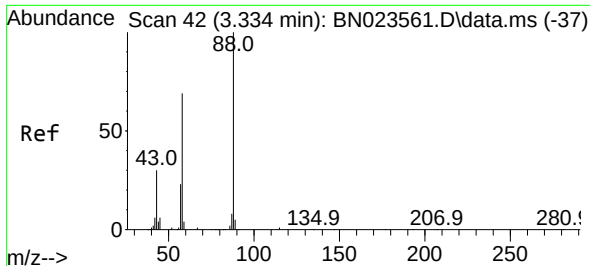
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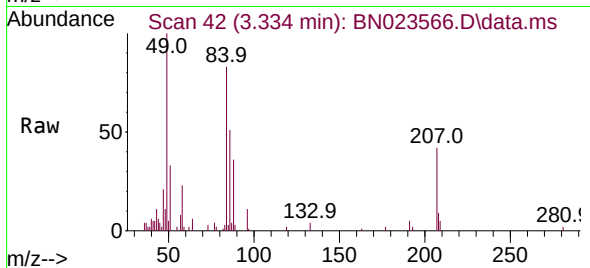
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	103044	3.334	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.793	216	67980	4.300	ng/u1	98
40) Hexachlorocyclopentadiene	12.769	237	32876	3.299	ng/u1	90
41) 2,4,6-Trichlorophenol	13.034	196	40079	3.846	ng/u1	93
42) 2,4,5-Trichlorophenol	13.098	196	45109	3.958	ng/u1	92
43) 1,1'-Biphenyl	13.434	154	177667	4.308	ng/u1	99
44) 2-Chloronaphthalene	13.475	162	140300	4.385	ng/u1	99
45) 2-Nitroaniline	13.687	65	31592	3.580	ng/u1	99
47) Dimethylphthalate	14.057	163	171323	4.287	ng/u1	99
48) 2,6-Dinitrotoluene	14.181	165	26246	3.474	ng/u1	97
50) Acenaphthylene	14.322	152	214567	4.380	ng/u1	100
51) 3-Nitroaniline	14.510	138	28904	3.818	ng/u1	96
52) Acenaphthene	14.663	153	150440	4.356	ng/u1	99
53) 2,4-Dinitrophenol	14.716	184	23249	4.709	ng/u1	96
55) 4-Nitrophenol	14.810	109	26256	4.016	ng/u1	97
56) Dibenzofuran	14.998	168	212857	4.427	ng/u1	98
57) 2,4-Dinitrotoluene	14.963	165	40609	3.682	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.222	232	37195	3.809	ng/u1	96
59) Diethylphthalate	15.422	149	164013	4.098	ng/u1	98
61) Fluorene	15.651	166	174438	4.481	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.645	204	85856	4.530	ng/u1	91
63) 4-Nitroaniline	15.669	138	29680	4.258	ng/u1	91
66) 4,6-Dinitro-2-methylph...	15.728	198	32911	4.520	ng/u1#	91
67) N-Nitrosodiphenylamine	15.857	169	141500	4.122	ng/u1	99
68) 4-Bromophenyl-phenylether	16.539	248	49357	4.026	ng/u1	100
69) Hexachlorobenzene	16.651	284	60991	4.245	ng/u1	99
70) Atrazine	16.810	200	71614	5.574	ng/u1	97
71) Pentachlorophenol	16.998	266	37263	4.064	ng/u1	97
72) Phenanthrene	17.392	178	278298	4.246	ng/u1	97
74) Anthracene	17.481	178	280125	4.295	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.398	216	54274	3.296	ng/uL	97
76) Pentachlorobenzene	14.916	250	53427	3.239	ng/uL	98
77) Carbazole	17.757	167	244942	4.136	ng/u1	99
78) Di-n-butylphthalate	18.316	149	265907	3.782	ng/u1	99
80) Fluoranthene	19.410	202	325350	4.004	ng/u1	99
82) Pyrene	19.775	202	358531	4.177	ng/u1	98
83) Butylbenzylphthalate	20.669	149	112418	3.308	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.457	252	119154	4.490	ng/u1	98
85) Benzo(a)anthracene	21.521	228	343686	4.176	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	178716	3.622	ng/u1	97
87) Chrysene	21.580	228	328242	4.254	ng/u1	98
89) Di-n-octyl phthalate	22.380	149	268812	3.092	ng/u1	100
90) Benzo(b)fluoranthene	23.221	252	334149	4.165	ng/u1	98
91) Benzo(k)fluoranthene	23.268	252	324308	4.087	ng/u1	100
93) Benzo(a)pyrene	23.857	252	310862	4.467	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	353075	4.106	ng/u1	98
95) Dibenzo(a,h)anthracene	26.509	278	295523	4.156	ng/u1	98
96) Benzo(g,h,i)perylene	27.274	276	277605	4.053	ng/u1	97

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



#2
1,4-Dioxane
Concen: 1.023 ng/uL m
RT: 3.334 min Scan# 42
Delta R.T. 0.000 min
Lab File: BN023566.D
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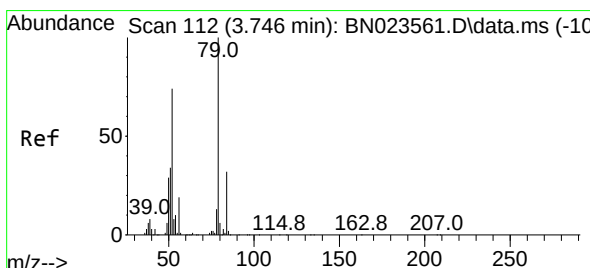
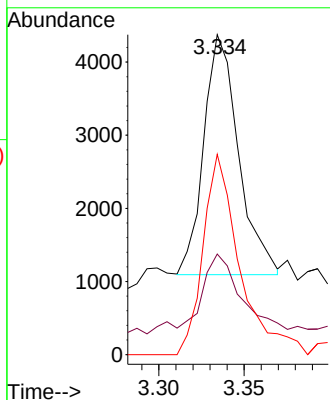
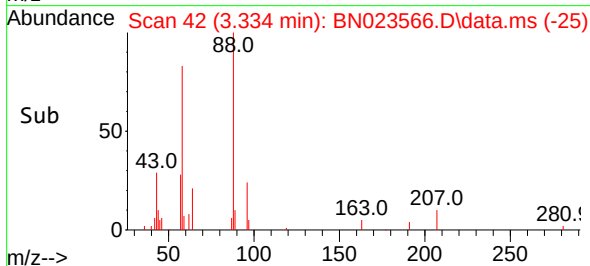
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 88 Resp: 4658
Ion Ratio Lower Upper
88 100
43 31.4 24.6 36.8
58 62.6 56.2 84.4

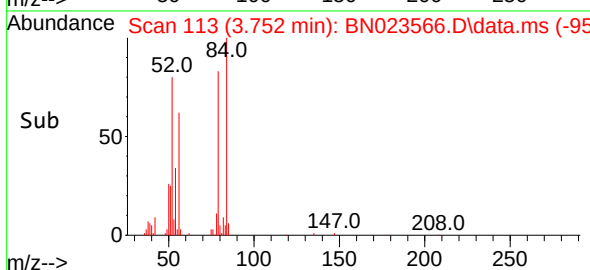
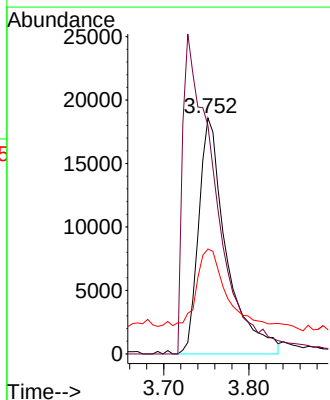
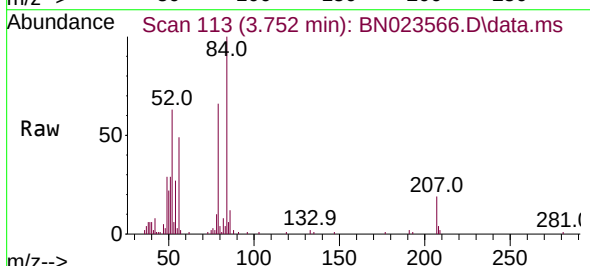
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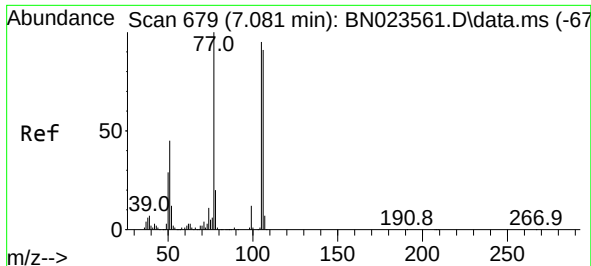
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#5
Pyridine
Concen: 3.169 ng/uL
RT: 3.752 min Scan# 113
Delta R.T. 0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

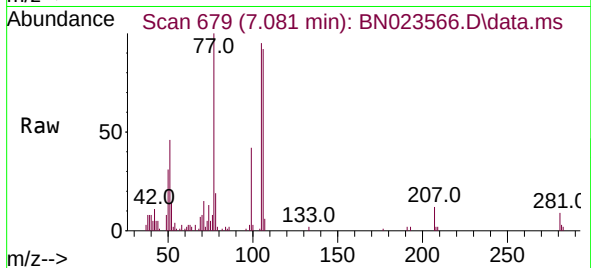
Tgt Ion: 79 Resp: 41994
Ion Ratio Lower Upper
79 100
52 96.8 59.9 89.9#
51 44.5 28.6 42.8#





#6
Benzaldehyde
Concen: 4.847 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

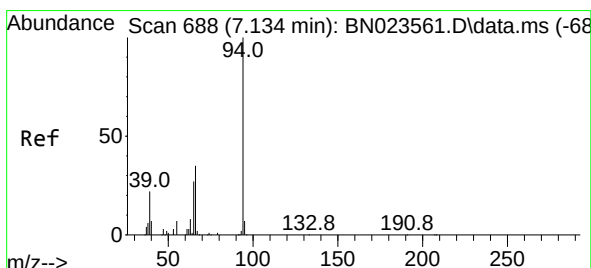
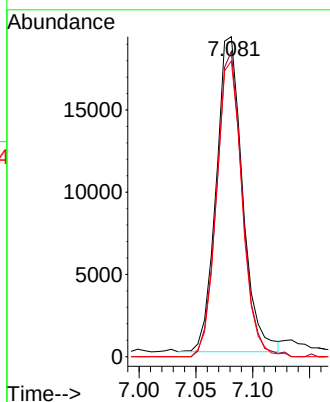
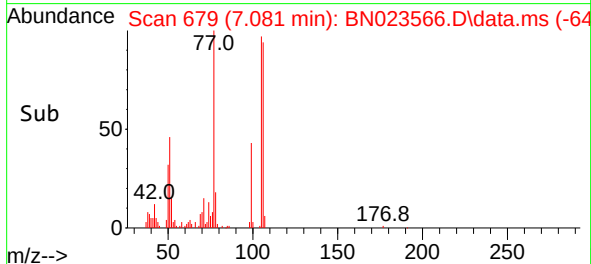
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 77 Resp: 30893
Ion Ratio Lower Upper
77 100
105 95.3 75.1 112.7
106 92.4 72.8 109.2

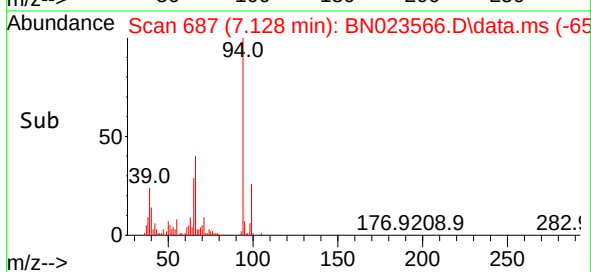
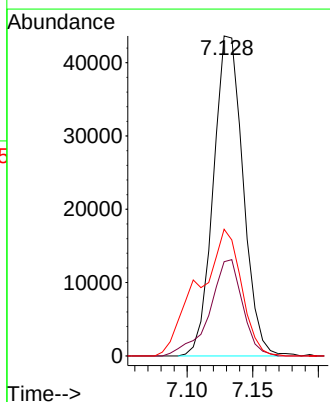
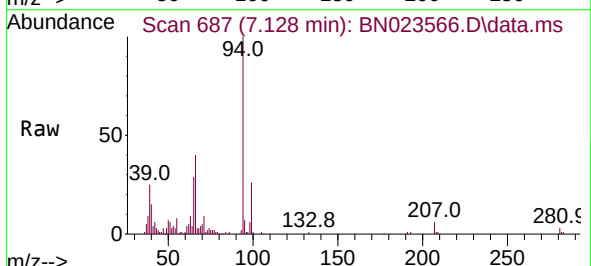
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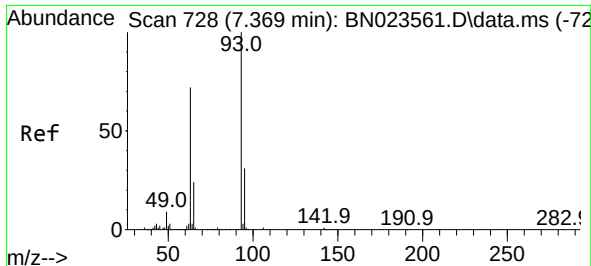
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#8
Phenol
Concen: 4.106 ng/ul
RT: 7.128 min Scan# 687
Delta R.T. -0.012 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

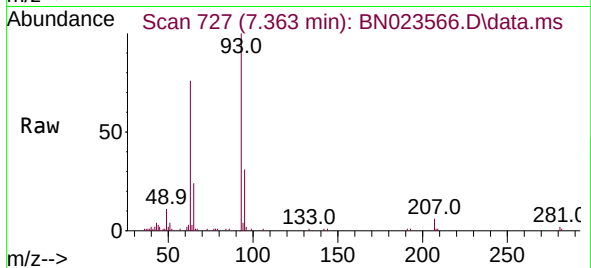
Tgt Ion: 94 Resp: 68790
Ion Ratio Lower Upper
94 100
65 29.4 23.7 35.5
66 39.6 29.9 44.9





#10
Bis(2-Chloroethyl)ether
Concen: 4.278 ng/ul
RT: 7.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

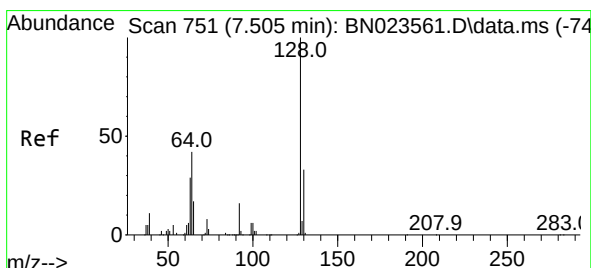
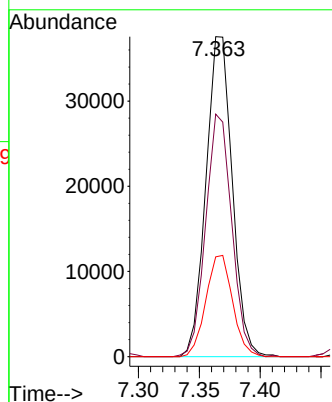
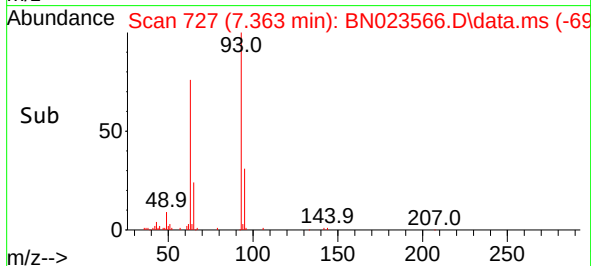
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 93 Resp: 56620
Ion Ratio Lower Upper
93 100
63 75.8 61.2 91.8
95 31.2 26.6 40.0

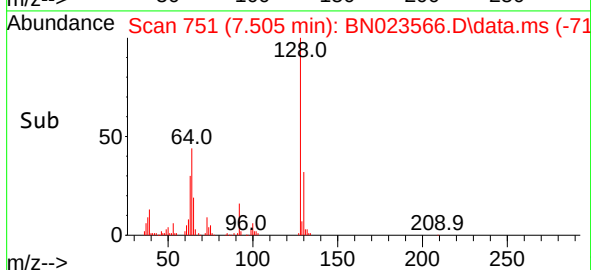
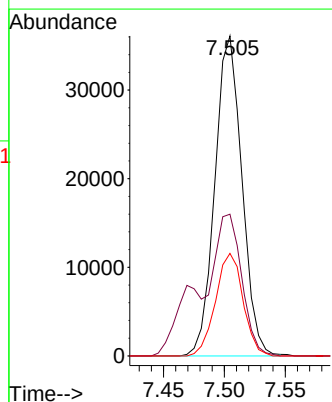
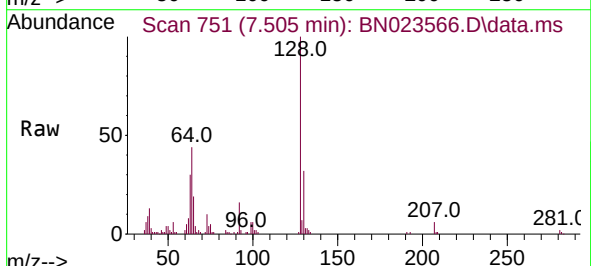
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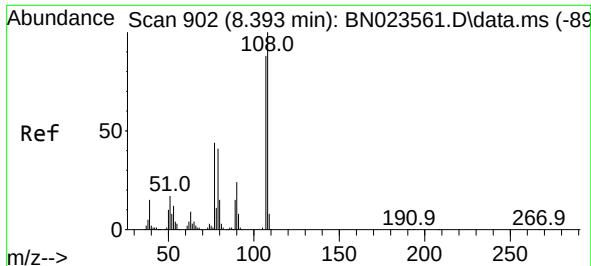
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#12
2-Chlorophenol
Concen: 4.285 ng/ul
RT: 7.505 min Scan# 751
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

Tgt Ion:128 Resp: 55803
Ion Ratio Lower Upper
128 100
64 44.3 37.4 56.2
130 32.0 25.6 38.4





#13

2-Methylphenol

Concen: 3.828 ng/ul

RT: 8.393 min Scan# 902

Delta R.T. -0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

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MDL-MED-SOIL-QT4-2022-07

Tgt Ion:108 Resp: 48254

Ion Ratio Lower Upper

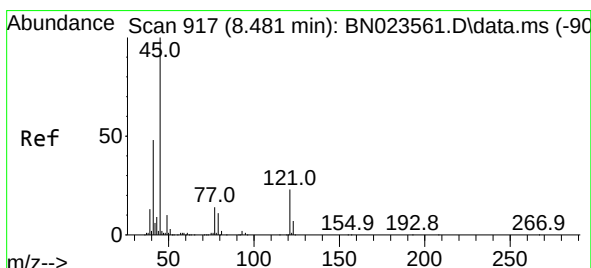
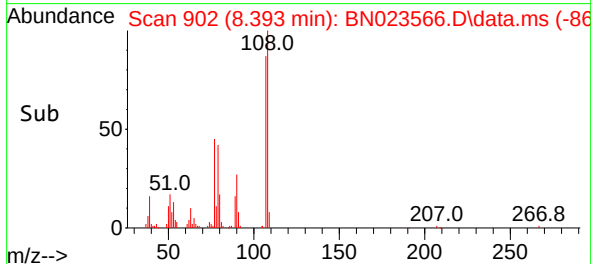
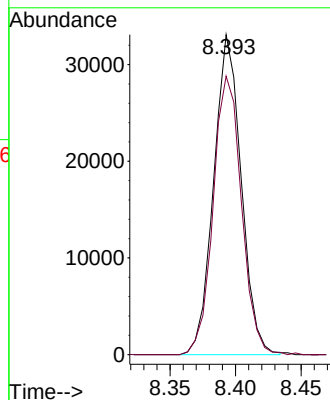
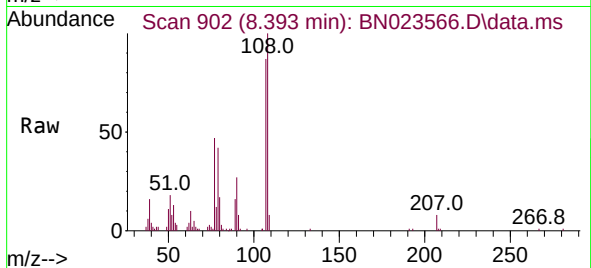
108 100

107 87.0 72.3 108.5

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.316 ng/ul

RT: 8.487 min Scan# 918

Delta R.T. -0.000 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

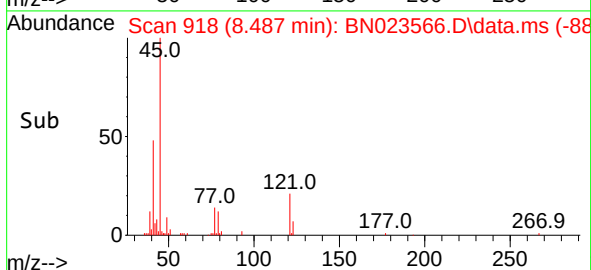
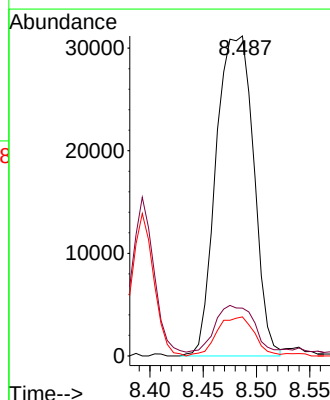
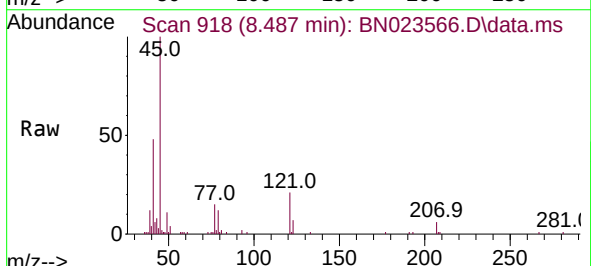
Tgt Ion: 45 Resp: 76397

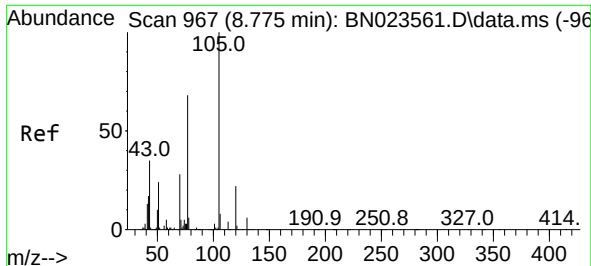
Ion Ratio Lower Upper

45 100

77 14.9 11.4 17.2

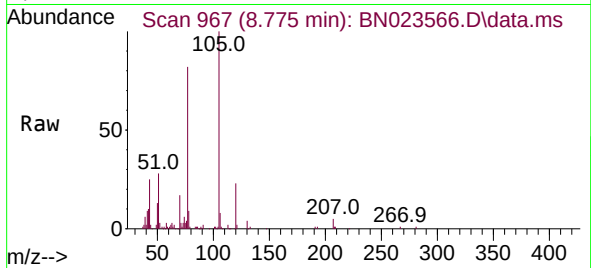
79 12.2 8.8 13.2





#16
Acetophenone
Concen: 4.202 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

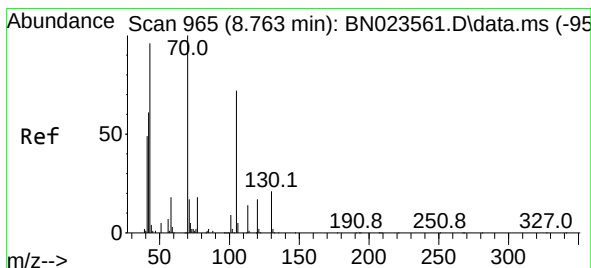
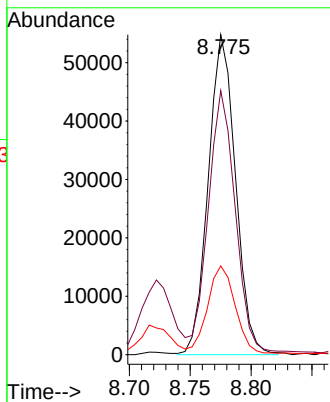
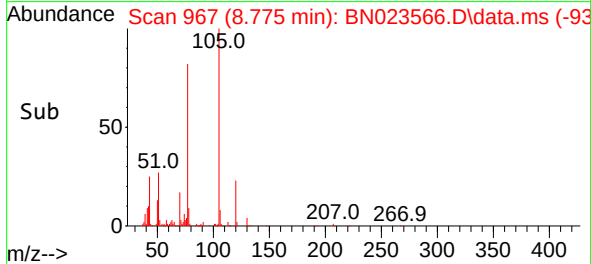
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion: 105 Resp: 85300
Ion Ratio Lower Upper
105 100
77 82.5 64.2 96.2
51 27.7 22.0 33.0

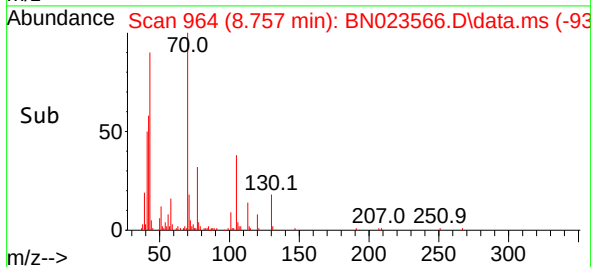
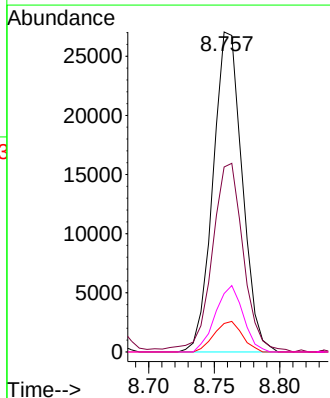
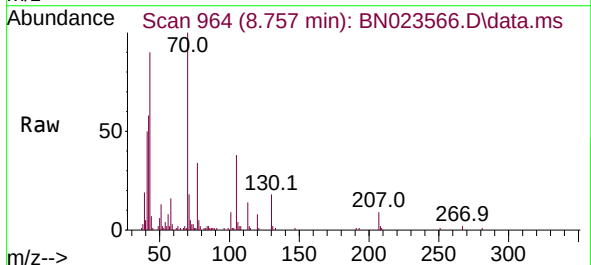
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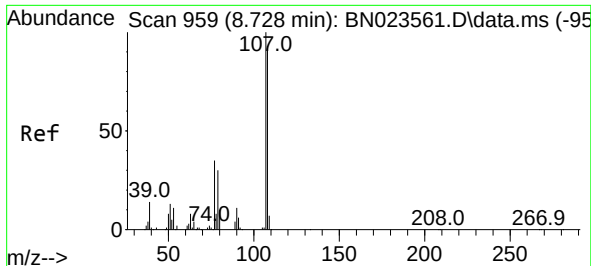
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.094 ng/ul
RT: 8.757 min Scan# 964
Delta R.T. -0.012 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

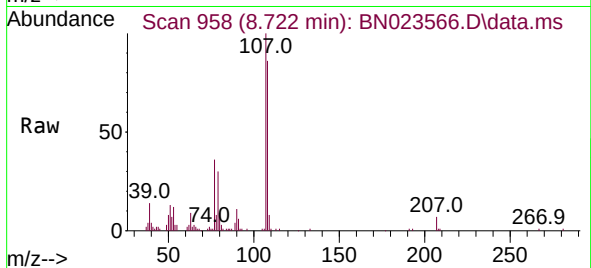
Tgt Ion: 70 Resp: 41846
Ion Ratio Lower Upper
70 100
42 57.8 47.8 71.6
101 8.9 7.8 11.6
130 18.2 16.3 24.5





#18
4-Methylphenol
Concen: 4.069 ng/ul
RT: 8.722 min Scan# 959
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

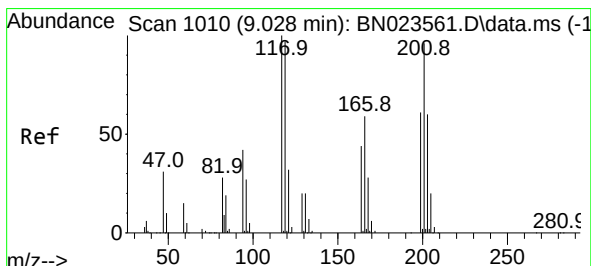
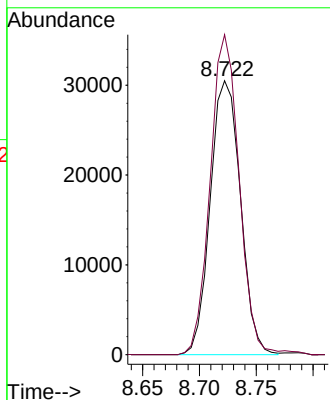
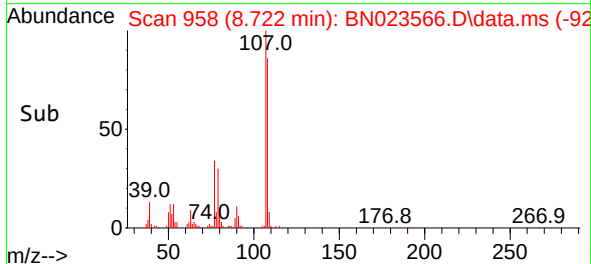
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:108 Resp: 56492
Ion Ratio Lower Upper
108 100
107 116.8 90.7 136.1

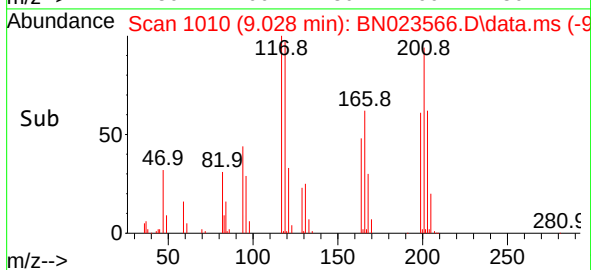
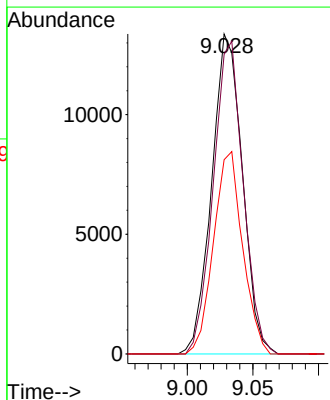
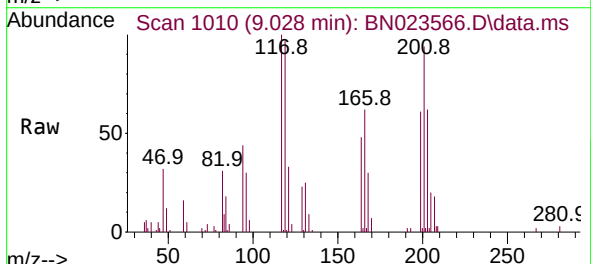
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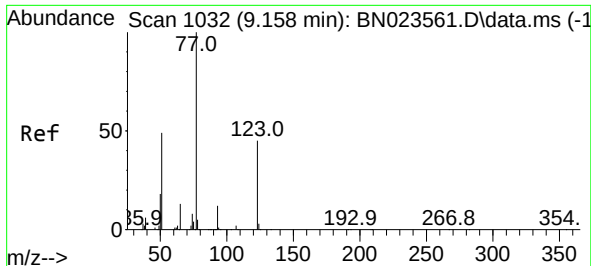
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#19
Hexachloroethane
Concen: 4.179 ng/ul
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

Tgt Ion:117 Resp: 21771
Ion Ratio Lower Upper
117 100
201 95.8 76.9 115.3
199 60.7 44.6 67.0





#22

Nitrobenzene

Concen: 4.090 ng/ul

RT: 9.157 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

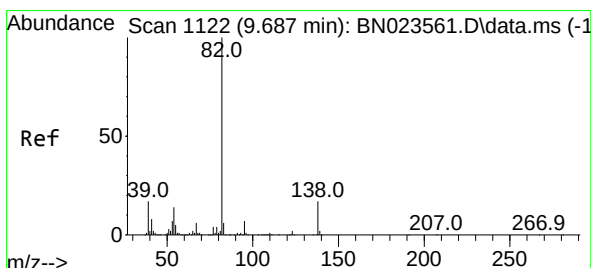
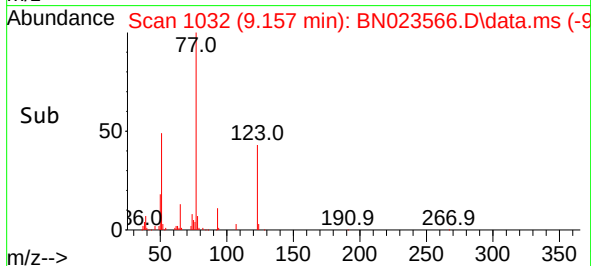
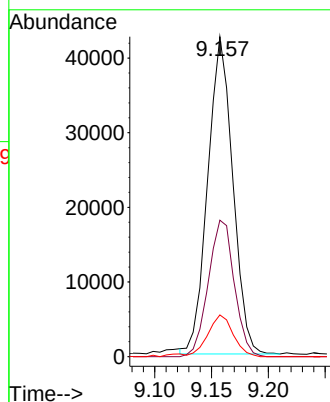
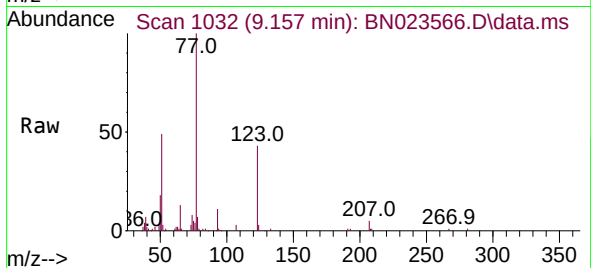
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 77	Resp: 65174
Ion Ratio	Lower Upper
77 100	
123 42.6	35.6 53.4
65 13.0	11.0 16.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#23

Isophorone

Concen: 3.746 ng/ul

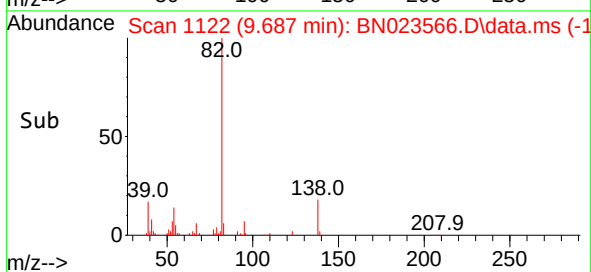
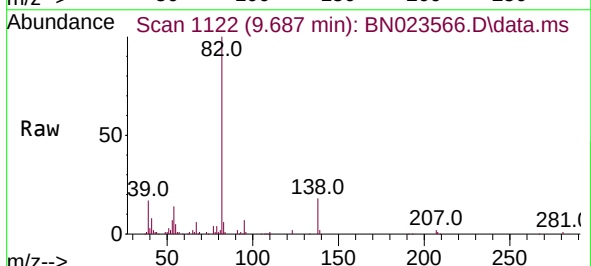
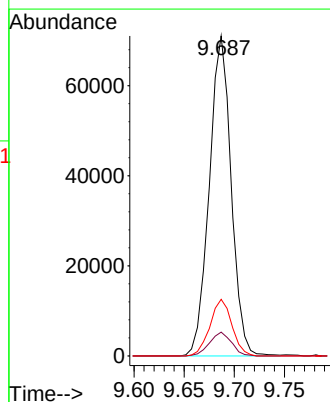
RT: 9.687 min Scan# 1122

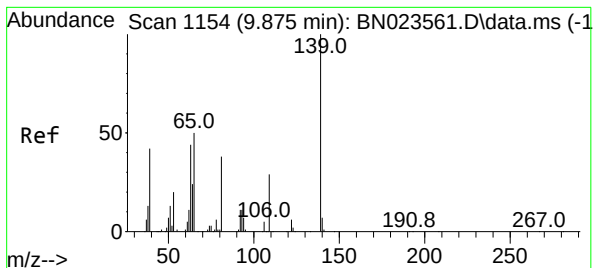
Delta R.T. -0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Tgt Ion: 82	Resp: 107942
Ion Ratio	Lower Upper
82 100	
95 7.4	5.5 8.3
138 17.7	13.8 20.8





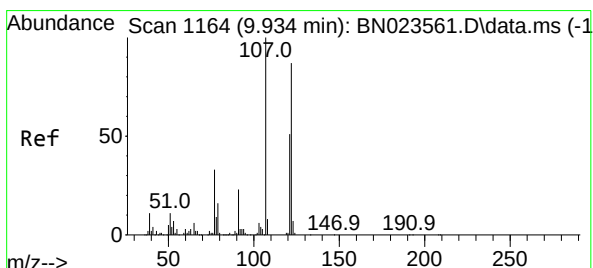
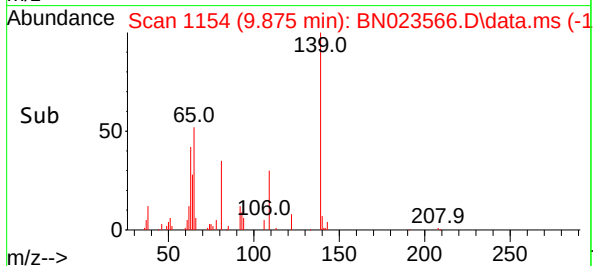
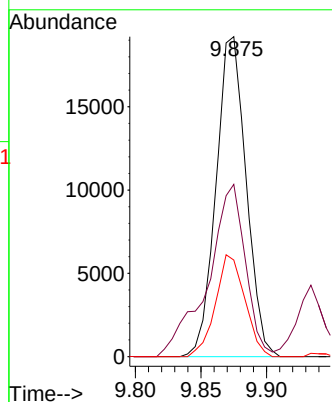
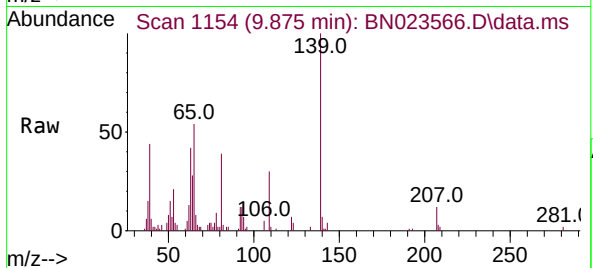
#25
2-Nitrophenol
Concen: 4.105 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

Tgt Ion:139 Resp: 3075
Ion Ratio Lower Upper
139 100
65 53.8 40.3 60.5
109 30.2 24.6 37.0

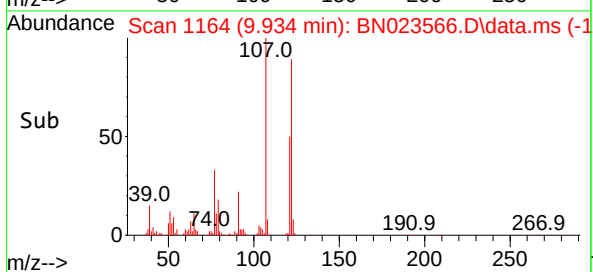
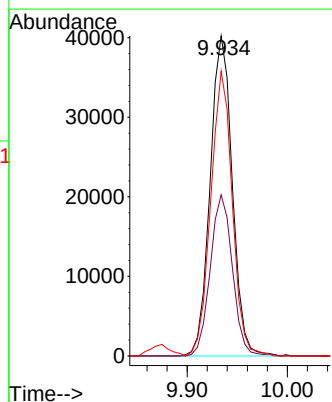
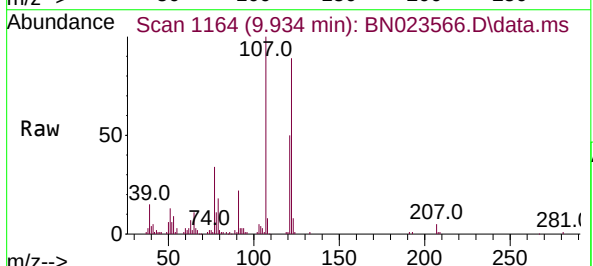
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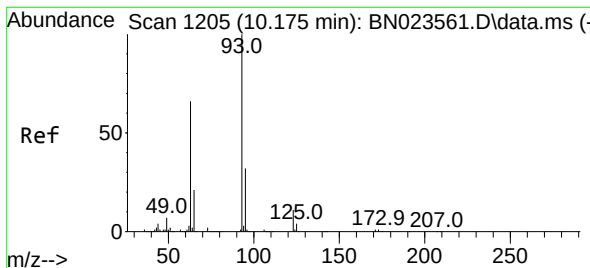
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#26
2,4-Dimethylphenol
Concen: 4.051 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

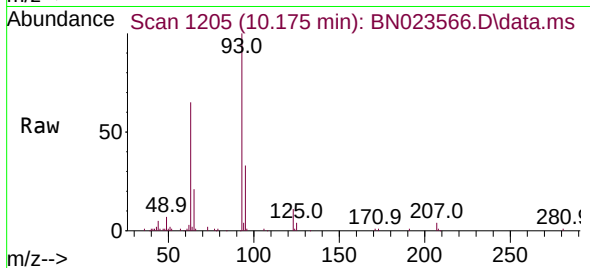
Tgt Ion:107 Resp: 61586
Ion Ratio Lower Upper
107 100
121 50.3 40.4 60.6
122 88.9 67.0 100.4





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.162 ng/ul
 RT: 10.175 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BN023566.D
 Acq: 05 Jan 2023 13:15

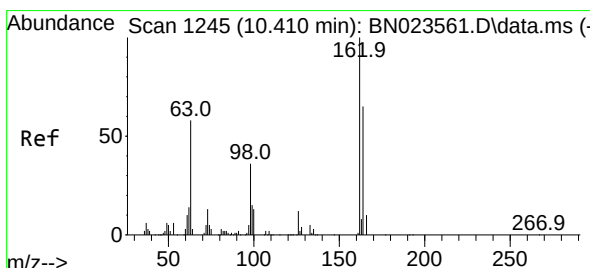
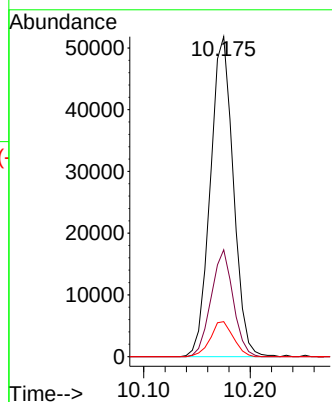
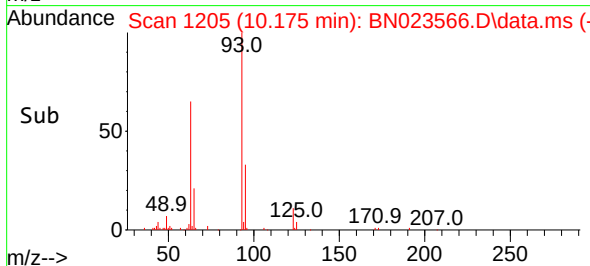
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT4-2022-07



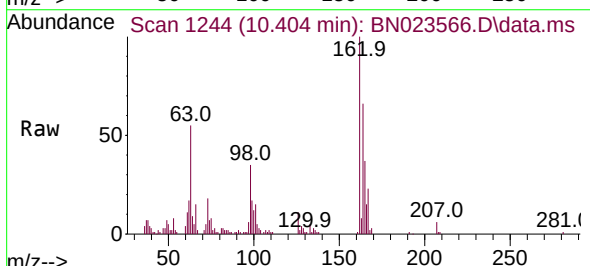
Tgt Ion: 93 Resp: 77788
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.5 38.3
 123 10.9 9.4 14.2

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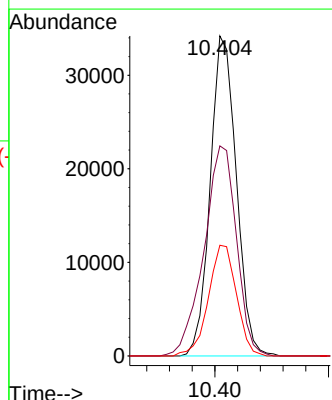
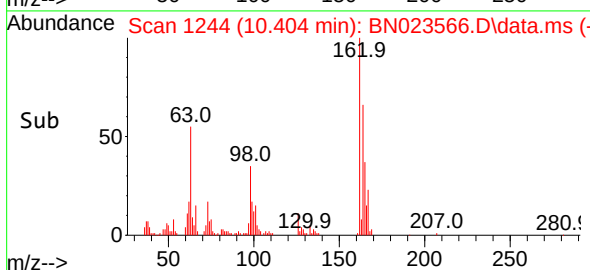
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

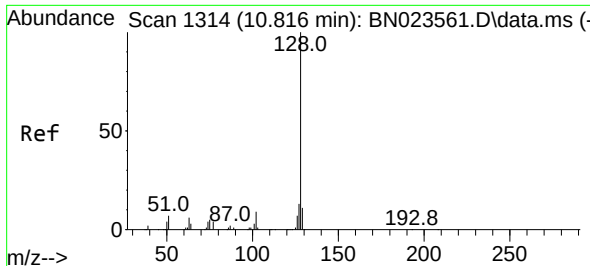


#29
 2,4-Dichlorophenol
 Concen: 4.243 ng/ul
 RT: 10.404 min Scan# 1244
 Delta R.T. -0.012 min
 Lab File: BN023566.D
 Acq: 05 Jan 2023 13:15



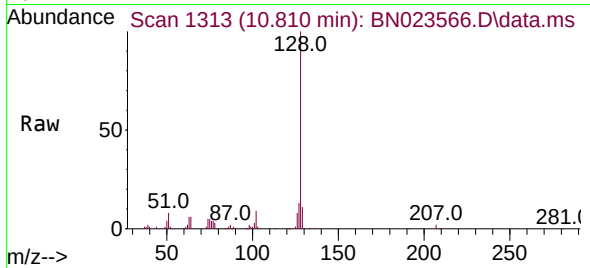
Tgt Ion:162 Resp: 54577
 Ion Ratio Lower Upper
 162 100
 164 65.6 53.8 80.6
 98 34.6 28.8 43.2





#30
Naphthalene
Concen: 4.295 ng/ul
RT: 10.810 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

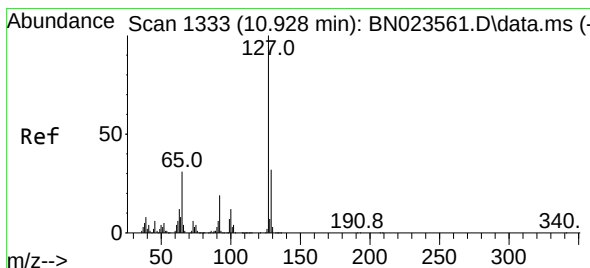
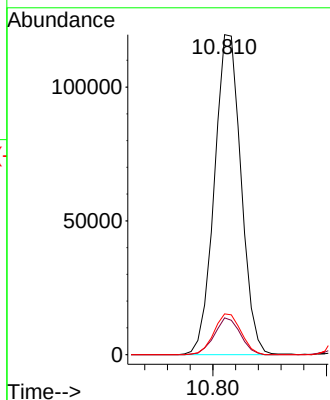
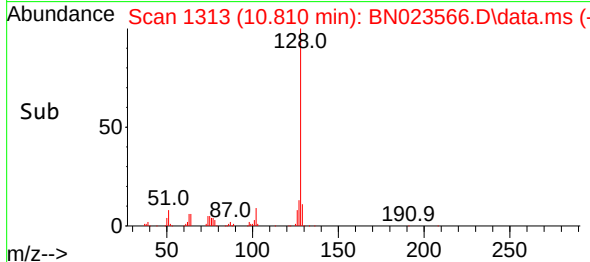
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:128 Resp: 194934
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 12.8 10.8 16.2

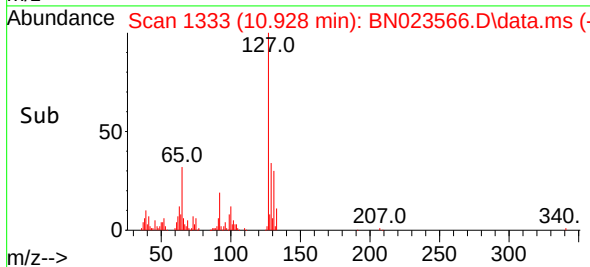
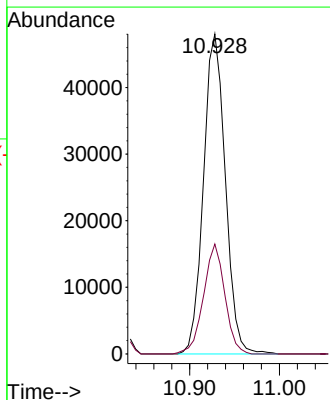
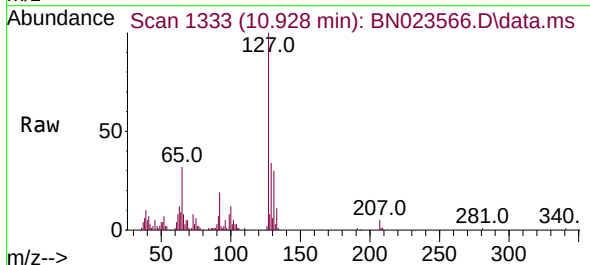
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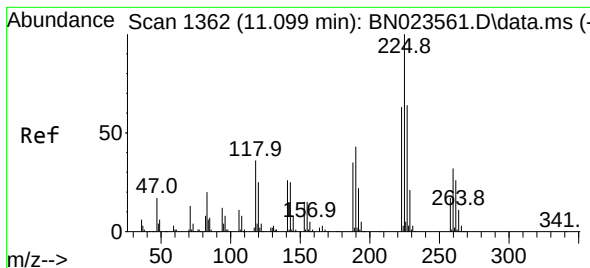
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#32
4-Chloroaniline
Concen: 4.032 ng/ul
RT: 10.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

Tgt Ion:127 Resp: 81647
Ion Ratio Lower Upper
127 100
129 34.3 26.4 39.6





#33

Hexachlorobutadiene

Concen: 4.383 ng/ul

RT: 11.099 min Scan# 1362

Delta R.T. -0.006 min

Lab File: BN023566.D

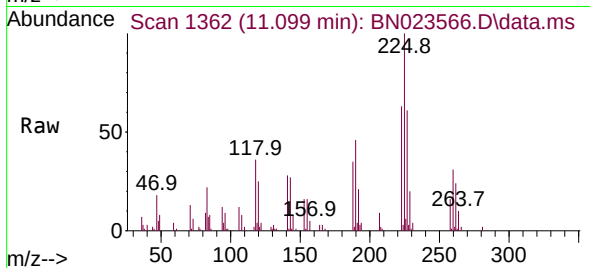
Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

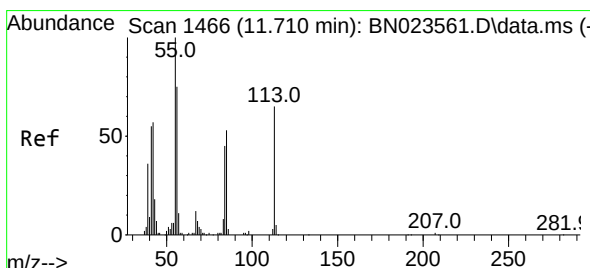
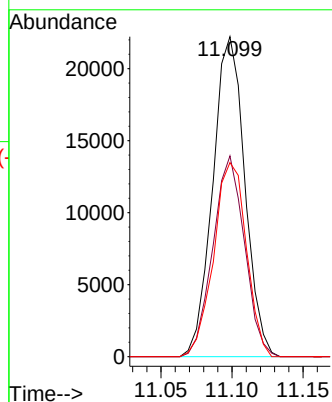
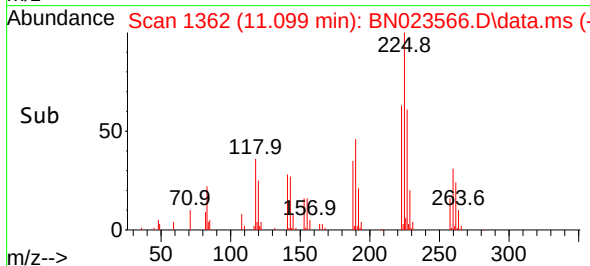


Tgt Ion:	225	Resp:	34868
Ion Ratio	Lower	Upper	
225	100		
223	62.7	51.7	77.5
227	60.6	50.8	76.2

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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#34

Caprolactam

Concen: 3.561 ng/ul m

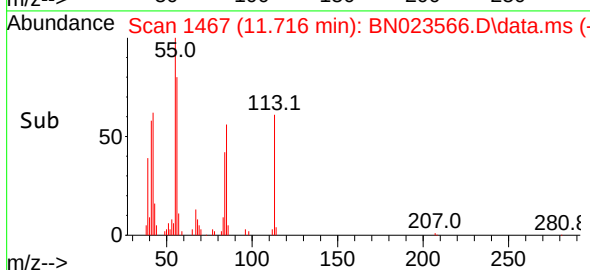
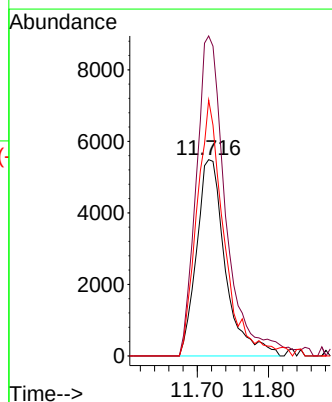
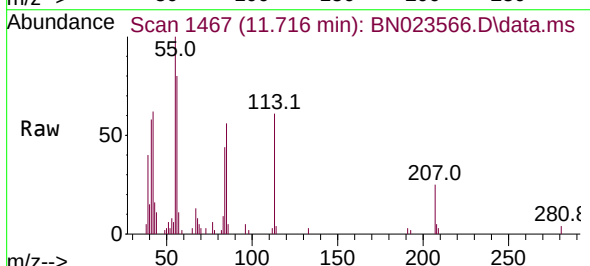
RT: 11.716 min Scan# 1467

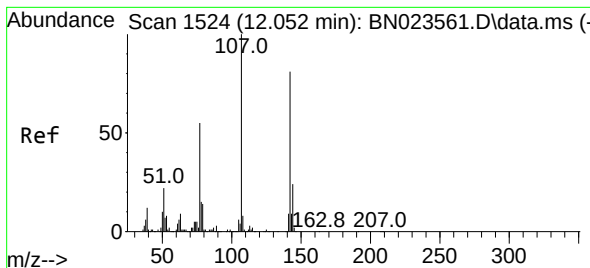
Delta R.T. 0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

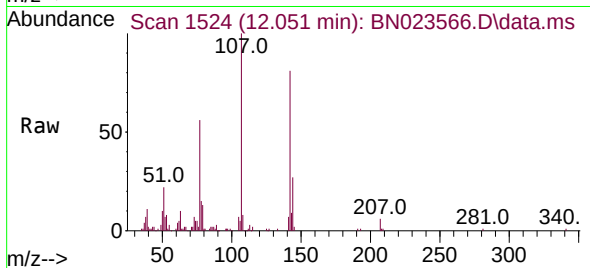
Tgt Ion:	113	Resp:	15383
Ion Ratio	Lower	Upper	
113	100		
55	163.1	129.1	193.7
56	130.4	94.2	141.4





#35
4-Chloro-3-methylphenol
Concen: 3.887 ng/ul
RT: 12.051 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

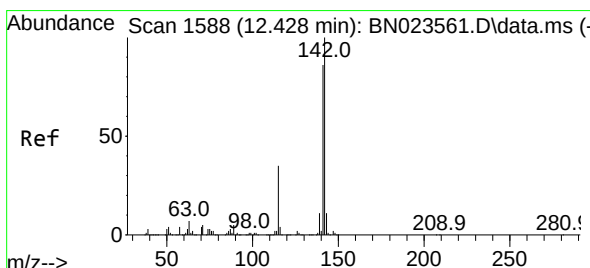
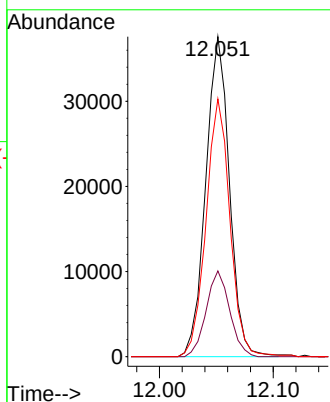
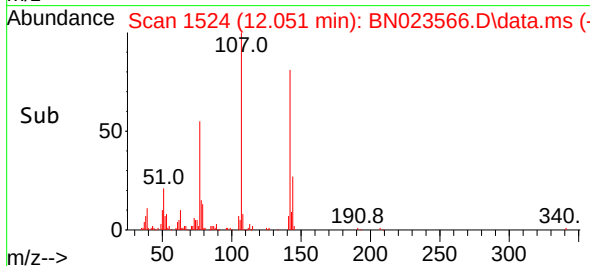
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:107 Resp: 5452
Ion Ratio Lower Upper
107 100
144 26.8 21.9 32.9
142 80.5 64.0 96.0

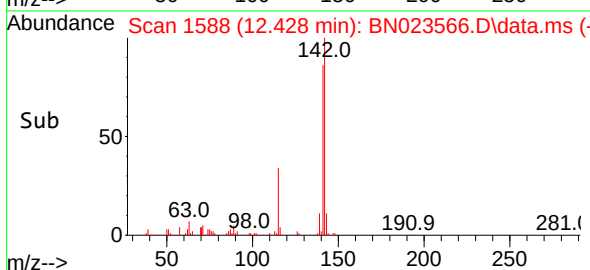
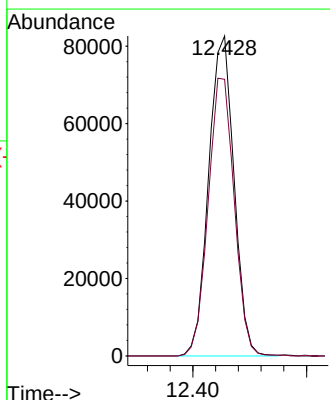
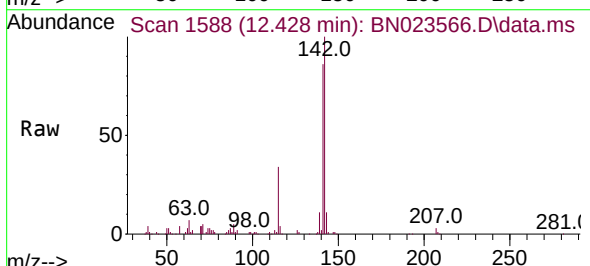
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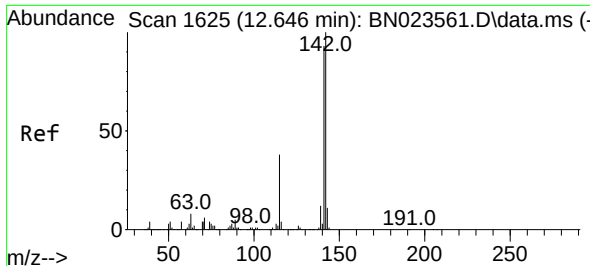
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#36
2-Methylnaphthalene
Concen: 4.236 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

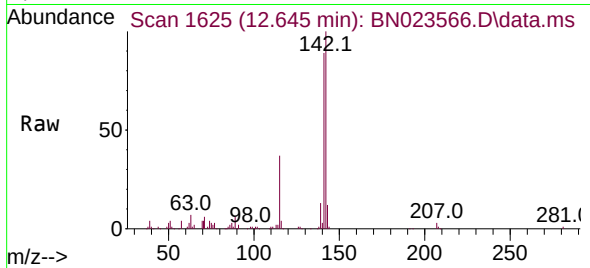
Tgt Ion:142 Resp: 128153
Ion Ratio Lower Upper
142 100
141 86.4 73.6 110.4





#37
1-Methylnaphthalene
Concen: 3.334 ng/ul
RT: 12.645 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

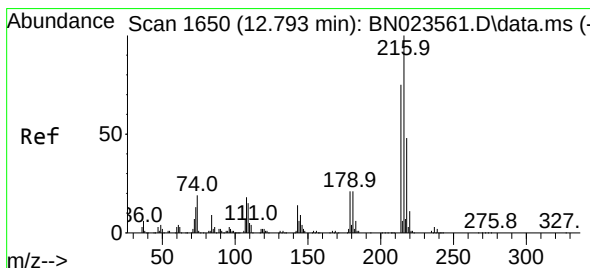
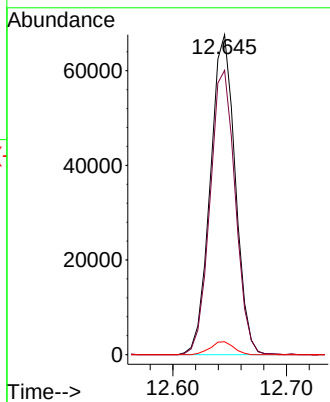
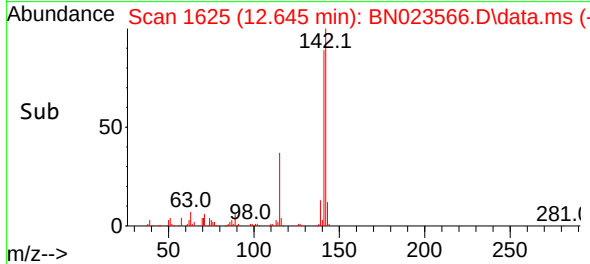
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:142 Resp: 103044
Ion Ratio Lower Upper
142 100
141 88.8 73.8 110.6
116 4.0 3.0 4.4

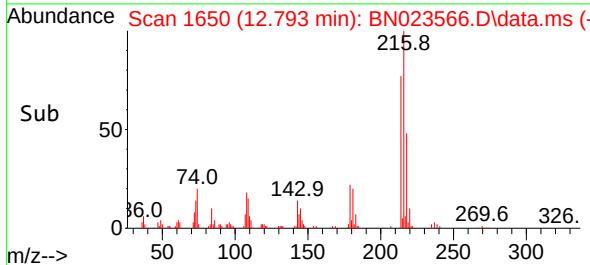
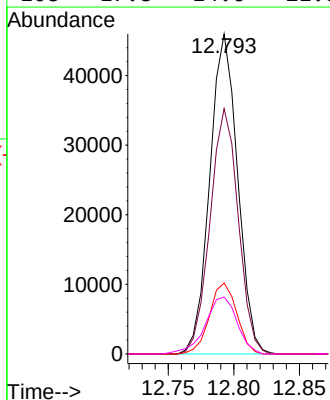
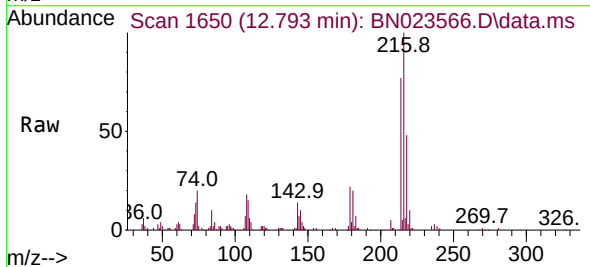
Manual Integrations
APPROVED

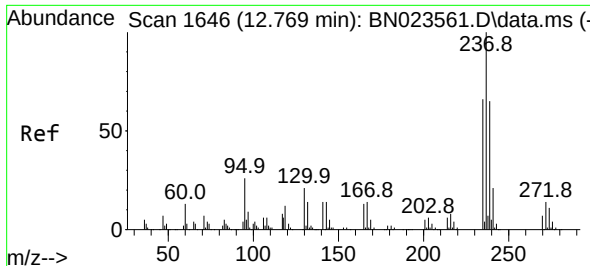
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.300 ng/ul
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

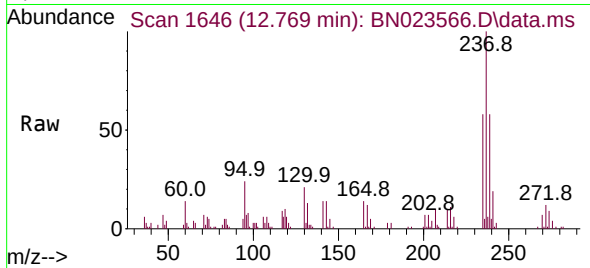
Tgt Ion:216 Resp: 67980
Ion Ratio Lower Upper
216 100
214 76.6 62.4 93.6
179 22.1 16.2 24.2
108 17.8 14.6 21.8





#40
Hexachlorocyclopentadiene
Concen: 3.299 ng/ul
RT: 12.769 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

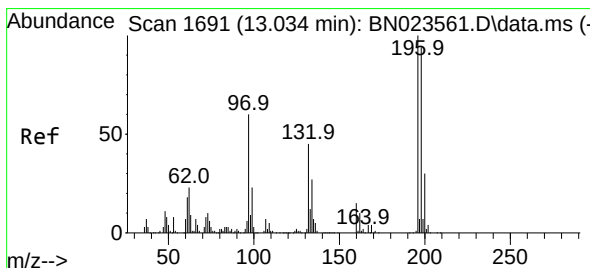
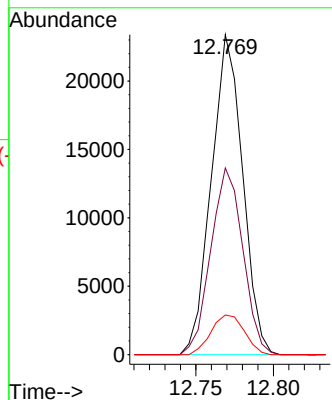
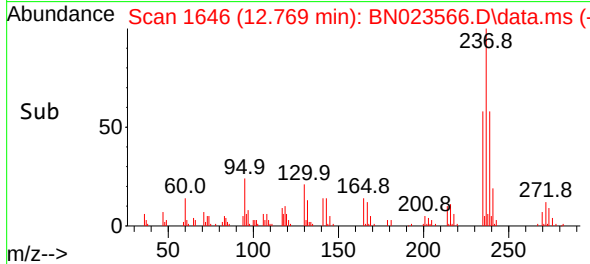
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:237 Resp: 32876
Ion Ratio Lower Upper
237 100
235 54.8 51.0 76.4
272 11.6 9.8 14.8

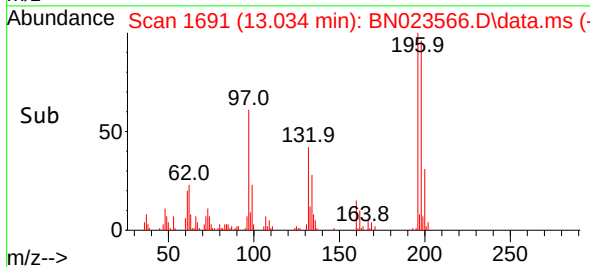
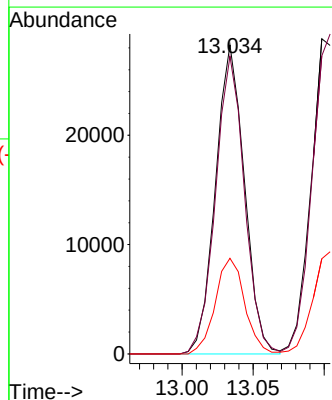
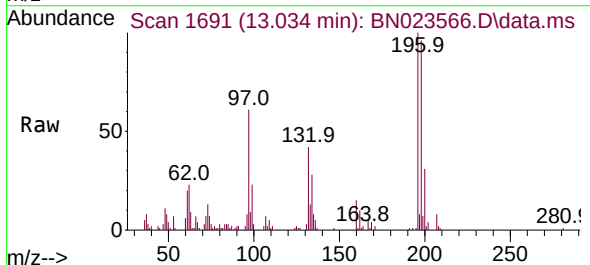
Manual Integrations
APPROVED

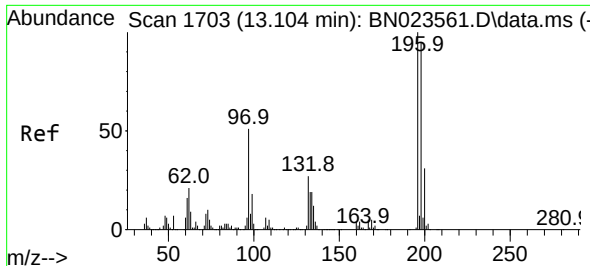
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#41
2,4,6-Trichlorophenol
Concen: 3.846 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

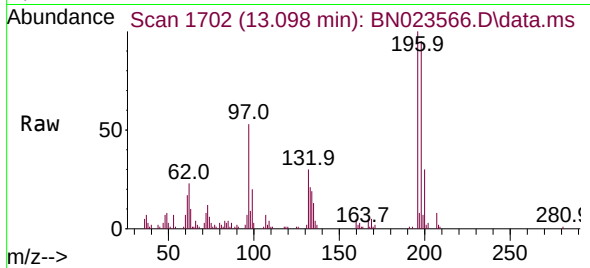
Tgt Ion:196 Resp: 40079
Ion Ratio Lower Upper
196 100
198 96.3 71.4 107.0
200 31.0 22.5 33.7





#42
2,4,5-Trichlorophenol
Concen: 3.958 ng/ul
RT: 13.098 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

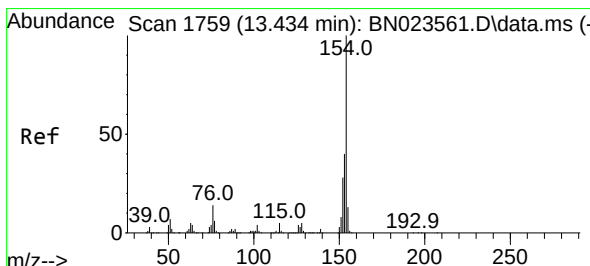
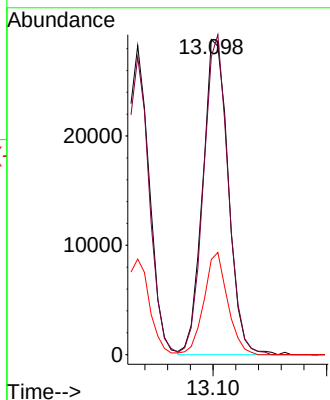
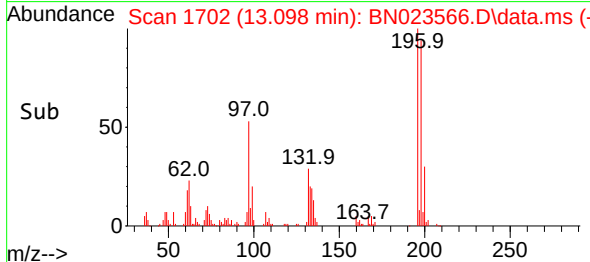
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:196 Resp: 45109
Ion Ratio Lower Upper
196 100
198 94.6 68.1 102.1
200 30.2 24.1 36.1

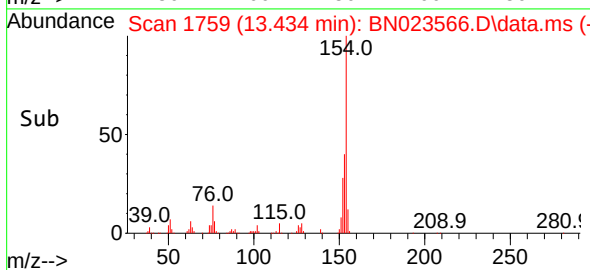
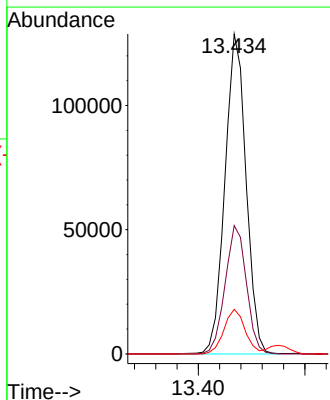
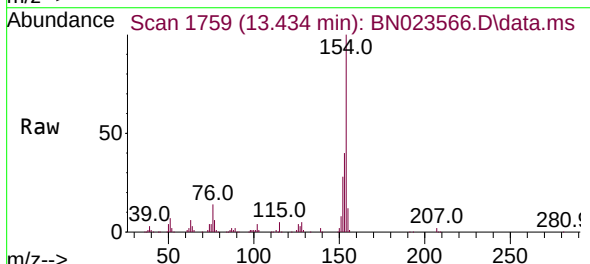
Manual Integrations
APPROVED

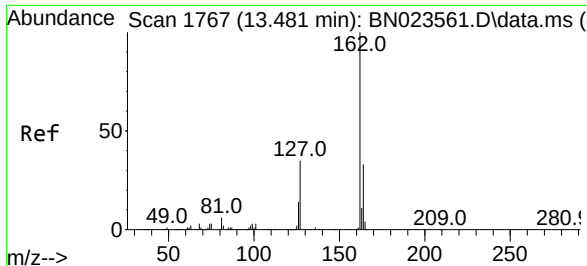
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#43
1,1'-Biphenyl
Concen: 4.308 ng/ul
RT: 13.434 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

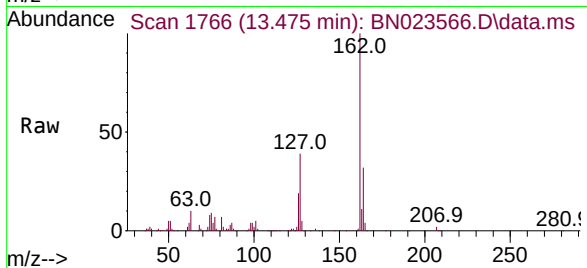
Tgt Ion:154 Resp: 177667
Ion Ratio Lower Upper
154 100
153 40.1 32.5 48.7
76 13.9 11.0 16.6





#44
2-Chloronaphthalene
Concen: 4.385 ng/ul
RT: 13.475 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

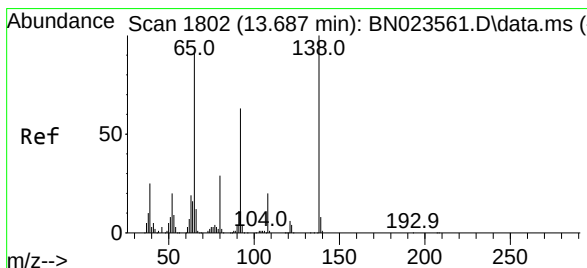
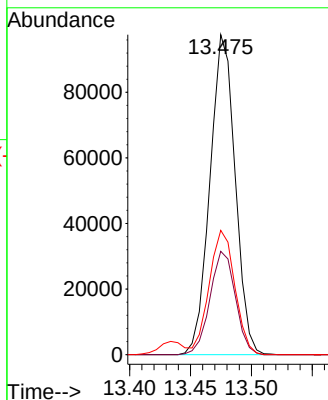
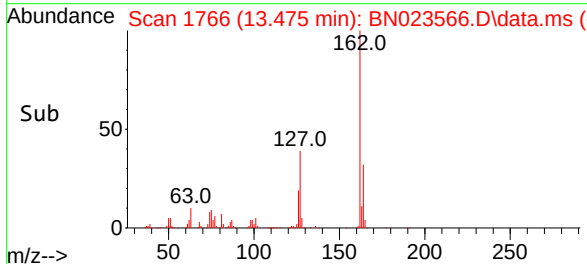
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:162 Resp: 140300
Ion Ratio Lower Upper
162 100
164 32.3 26.2 39.2
127 38.8 31.8 47.8

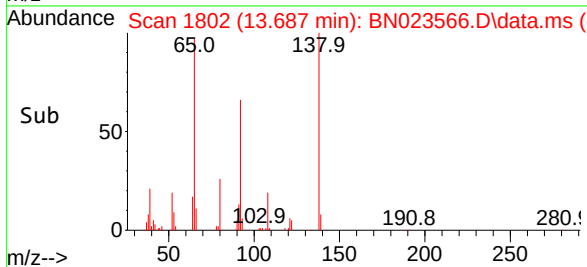
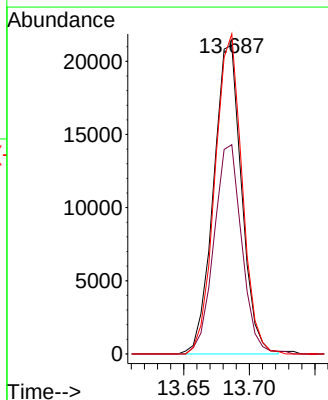
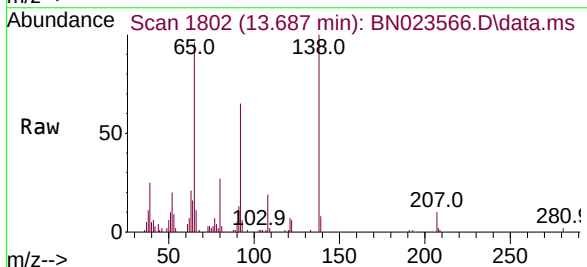
Manual Integrations
APPROVED

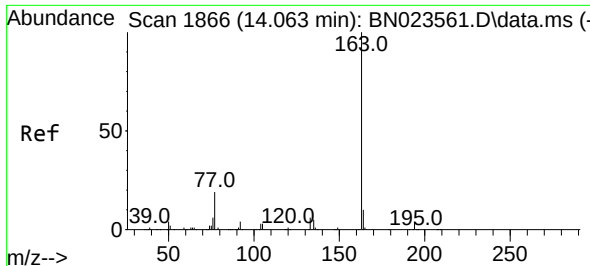
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#45
2-Nitroaniline
Concen: 3.580 ng/ul
RT: 13.687 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

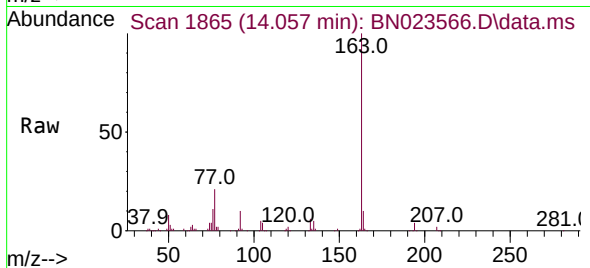
Tgt Ion: 65 Resp: 31592
Ion Ratio Lower Upper
65 100
92 67.8 53.5 80.3
138 103.7 84.0 126.0





#47
Dimethylphthalate
Concen: 4.287 ng/ul
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

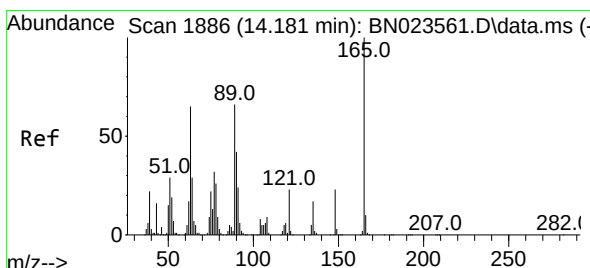
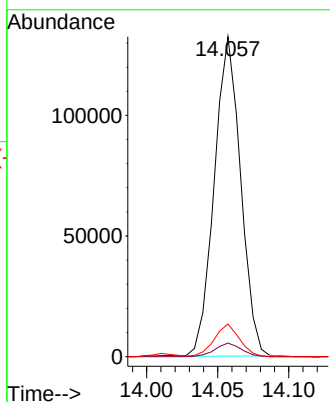
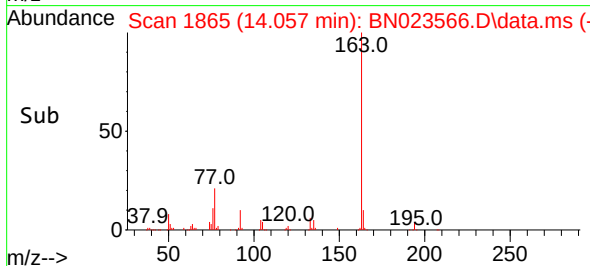
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



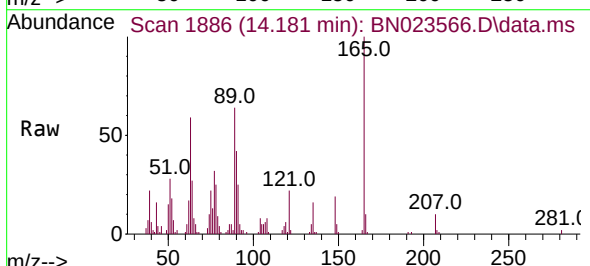
Tgt Ion:163 Resp: 171323
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 7.9 11.9

Manual Integrations
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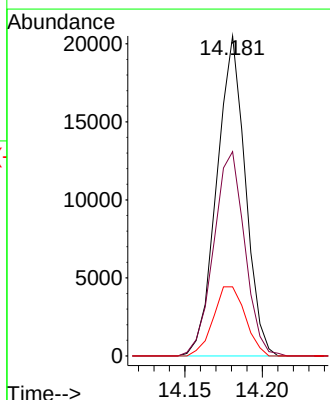
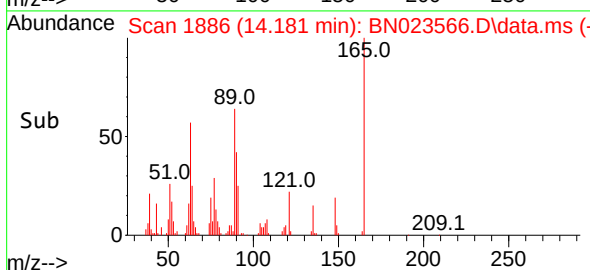
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

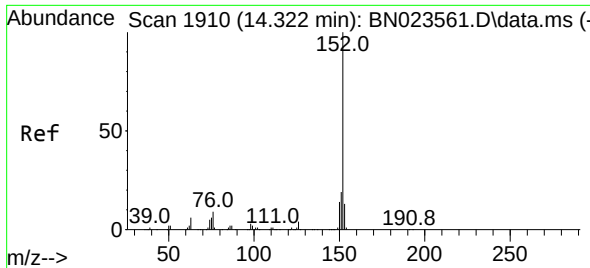


#48
2,6-Dinitrotoluene
Concen: 3.474 ng/ul
RT: 14.181 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15



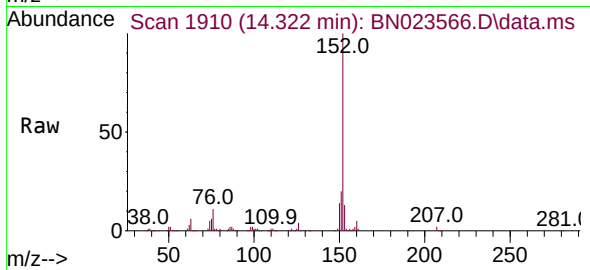
Tgt Ion:165 Resp: 26246
Ion Ratio Lower Upper
165 100
89 63.8 49.9 74.9
121 21.6 19.1 28.7





#50
Acenaphthylene
Concen: 4.380 ng/ul
RT: 14.322 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

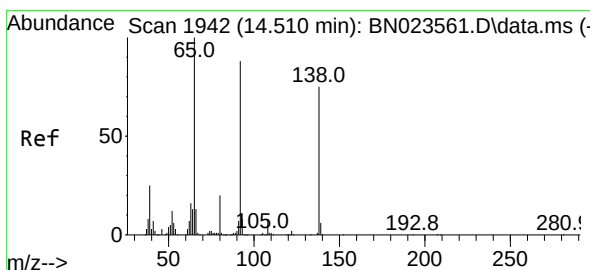
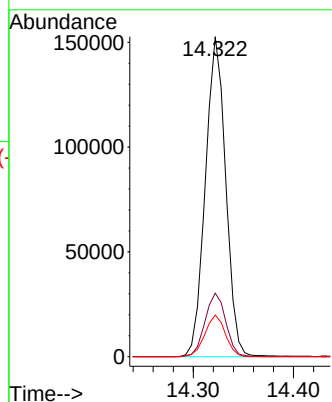
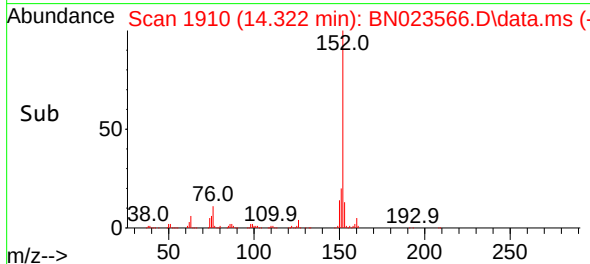
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



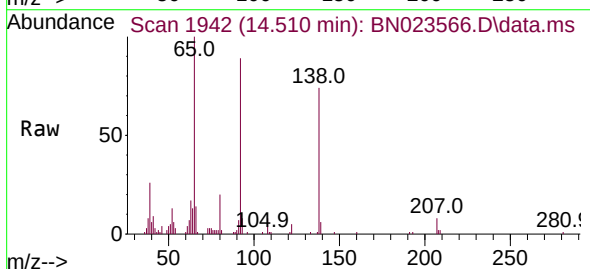
Tgt Ion:152 Resp: 214562
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.0 10.2 15.4

Manual Integrations
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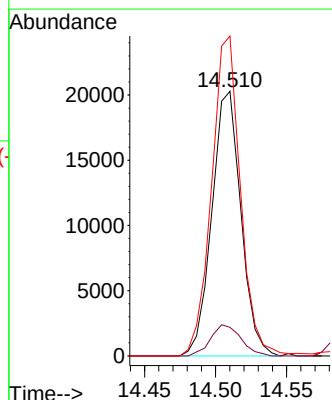
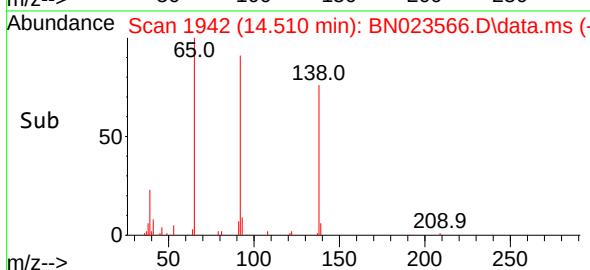
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

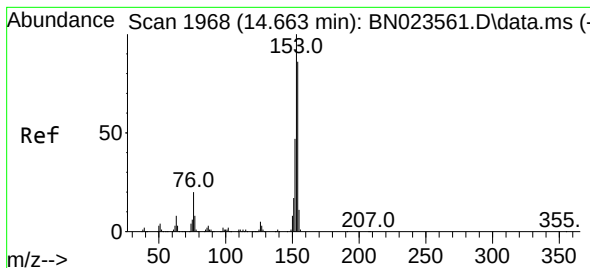


#51
3-Nitroaniline
Concen: 3.818 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15



Tgt Ion:138 Resp: 28904
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 121.0 93.2 139.8





#52

Acenaphthene

Concen: 4.356 ng/ul

RT: 14.663 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

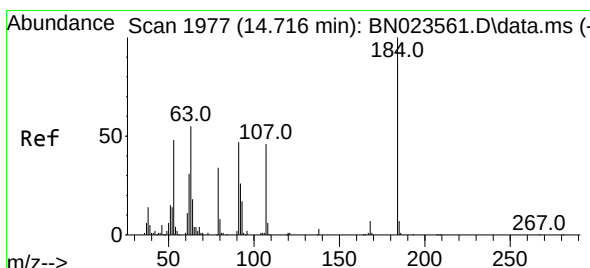
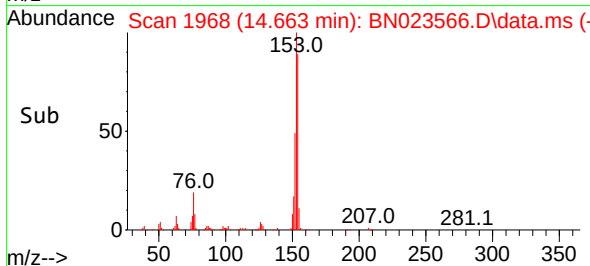
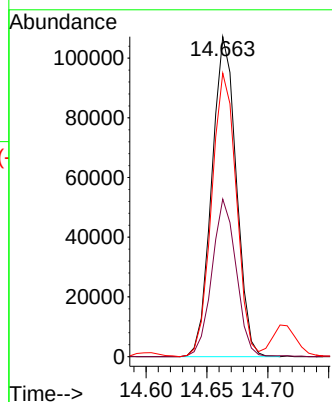
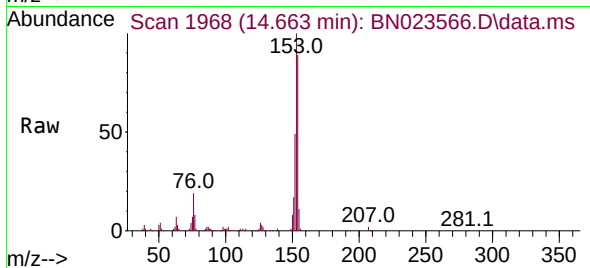
Tgt Ion:153 Resp: 150440

Ion	Ratio	Lower	Upper
153	100		
152	49.2	38.5	57.7
154	88.6	71.5	107.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#53

2,4-Dinitrophenol

Concen: 4.709 ng/ul

RT: 14.716 min Scan# 1977

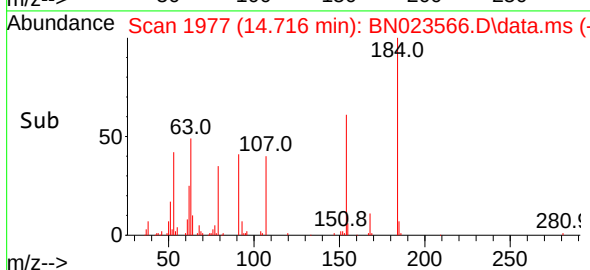
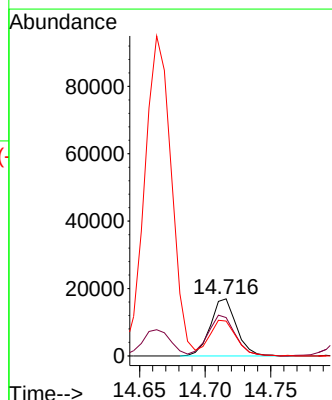
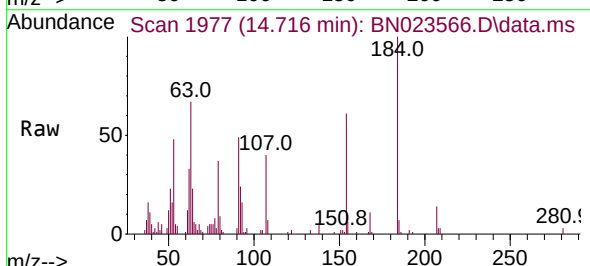
Delta R.T. 0.000 min

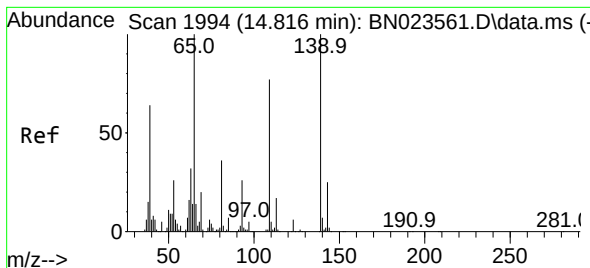
Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Tgt Ion:184 Resp: 23249

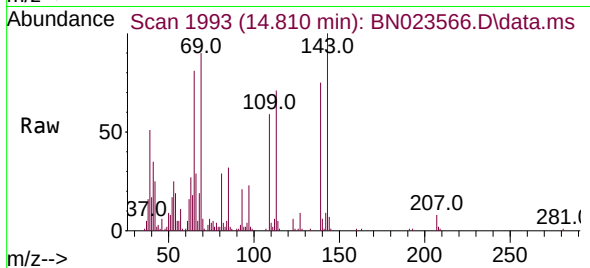
Ion	Ratio	Lower	Upper
184	100		
63	67.3	58.2	87.4
154	60.9	49.4	74.0





#55
4-Nitrophenol
Concen: 4.016 ng/ul
RT: 14.810 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

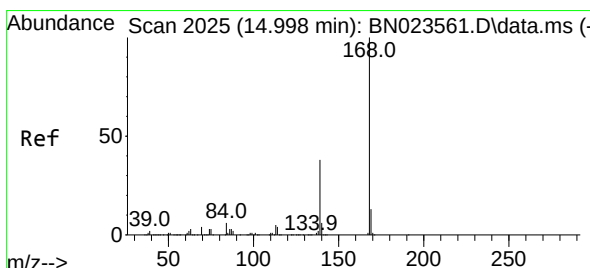
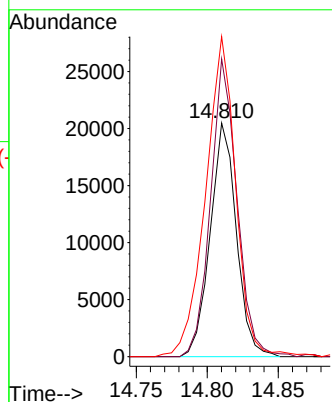
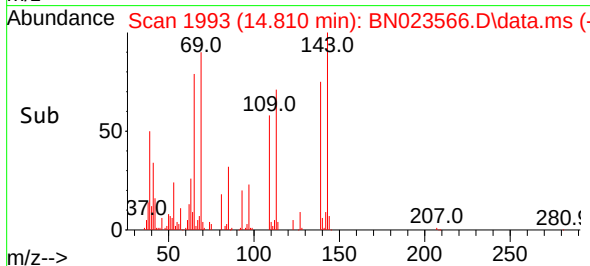
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:109 Resp: 26256
Ion Ratio Lower Upper
109 100
139 127.5 104.8 157.2
65 137.0 107.3 160.9

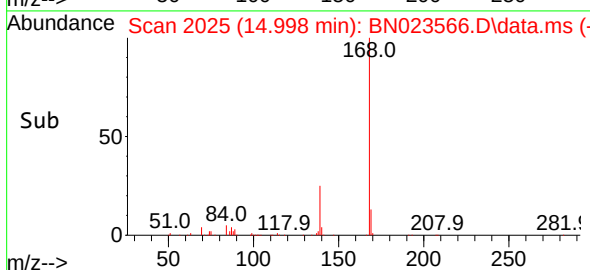
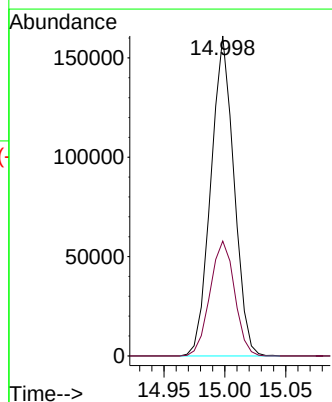
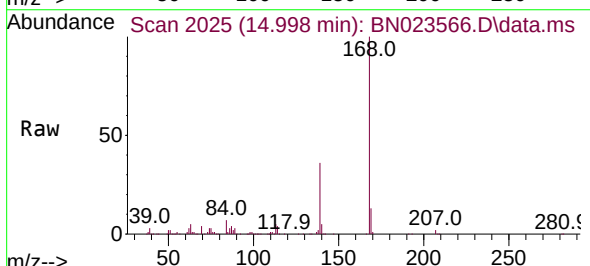
Manual Integrations
APPROVED

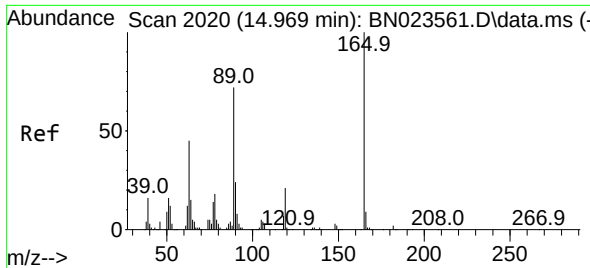
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#56
Dibenzofuran
Concen: 4.427 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

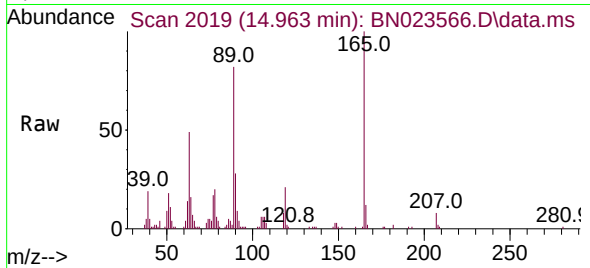
Tgt Ion:168 Resp: 212857
Ion Ratio Lower Upper
168 100
139 35.9 29.6 44.4





#57
2,4-Dinitrotoluene
Concen: 3.682 ng/ul
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

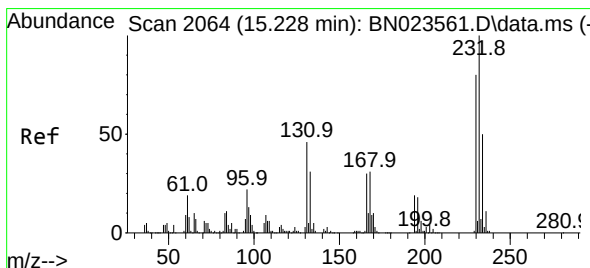
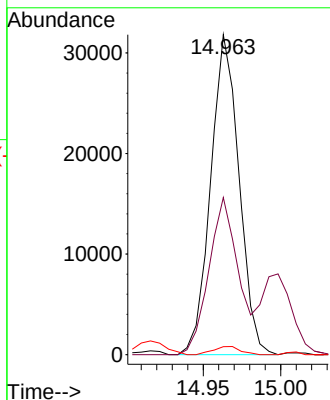
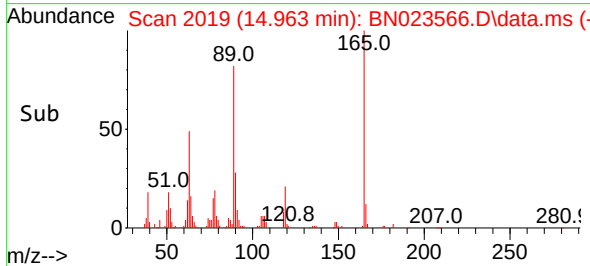
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



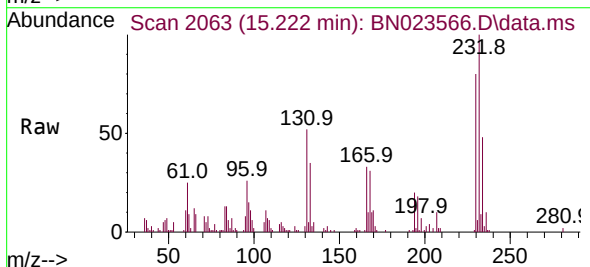
Tgt Ion:165 Resp: 40609
Ion Ratio Lower Upper
165 100
63 49.1 37.2 55.8
182 2.5 2.2 3.2

Manual Integrations
APPROVED

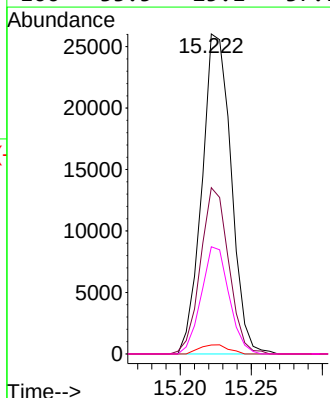
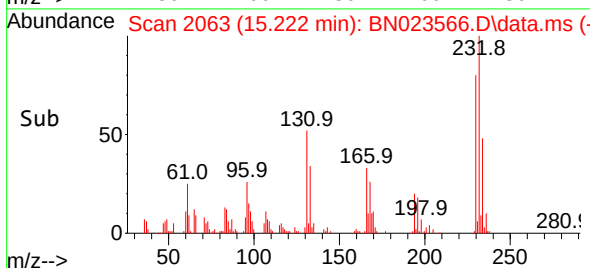
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

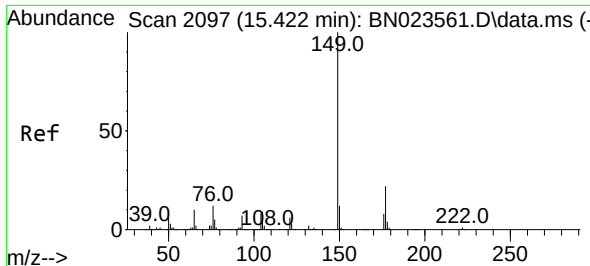


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.809 ng/ul
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15



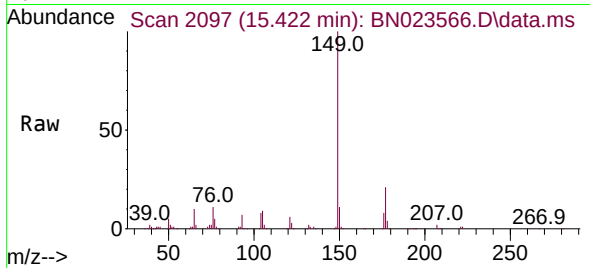
Tgt Ion:232 Resp: 37195
Ion Ratio Lower Upper
232 100
131 51.9 39.5 59.3
130 2.8 2.2 3.4
166 33.5 25.1 37.7





#59
Diethylphthalate
Concen: 4.098 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

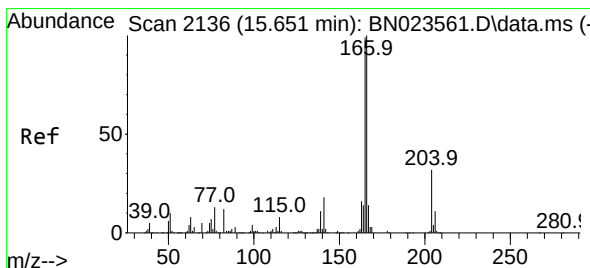
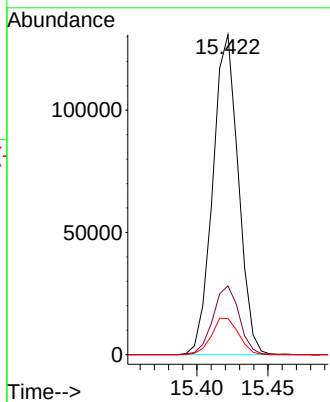
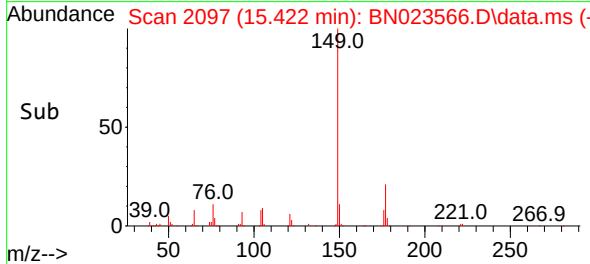
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:149 Resp: 164013
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 11.3 9.9 14.9

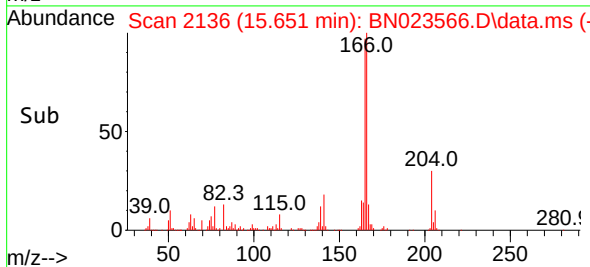
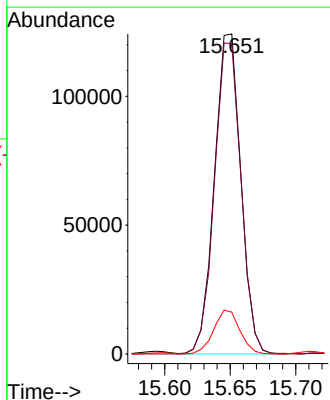
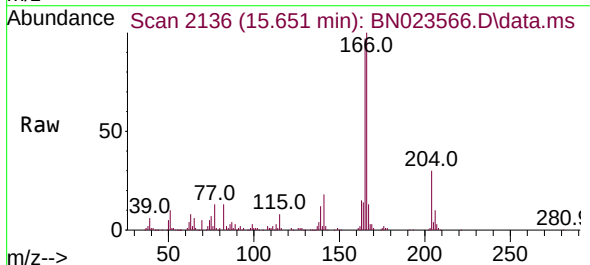
Manual Integrations
APPROVED

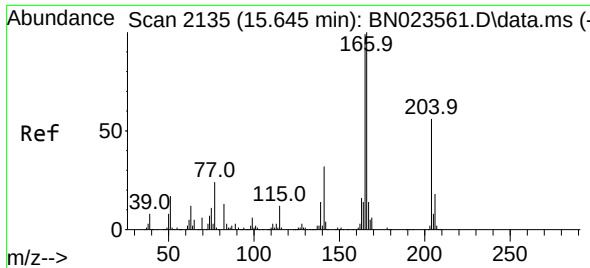
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#61
Fluorene
Concen: 4.481 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

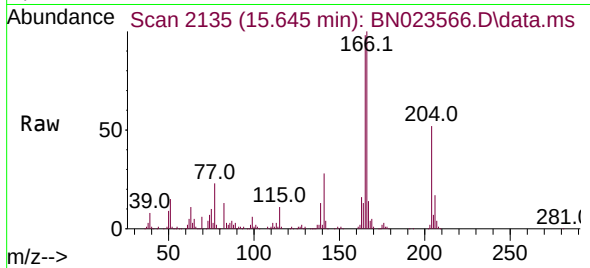
Tgt Ion:166 Resp: 174438
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.6
167 13.0 10.4 15.6





#62
4-Chlorophenyl-phenylether
Concen: 4.530 ng/ul
RT: 15.645 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

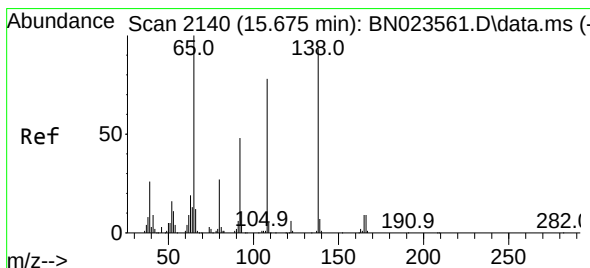
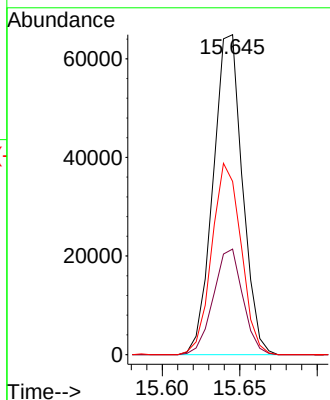
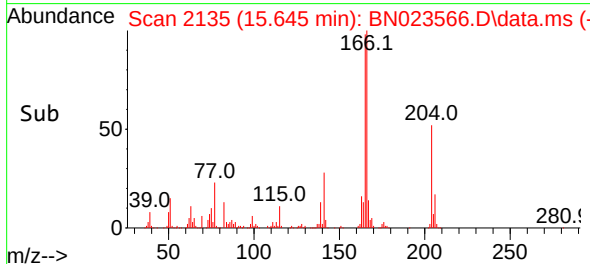
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



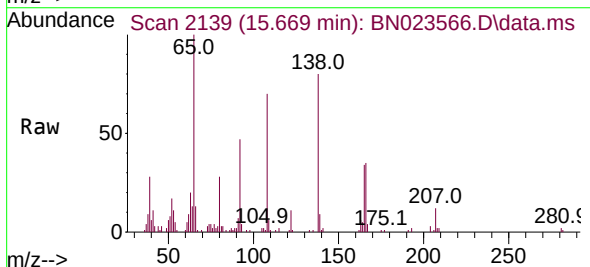
Tgt Ion:204 Resp: 85856
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.6
141 54.1 51.0 76.4

Manual Integrations
APPROVED

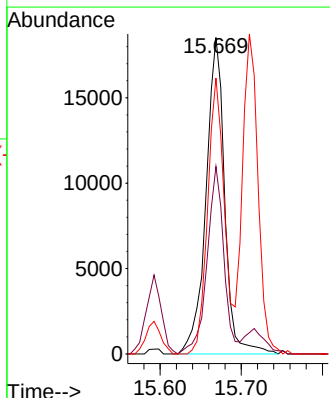
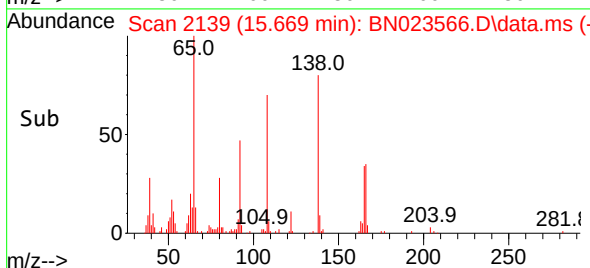
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

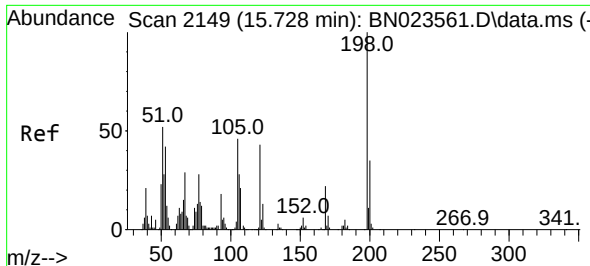


#63
4-Nitroaniline
Concen: 4.258 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15



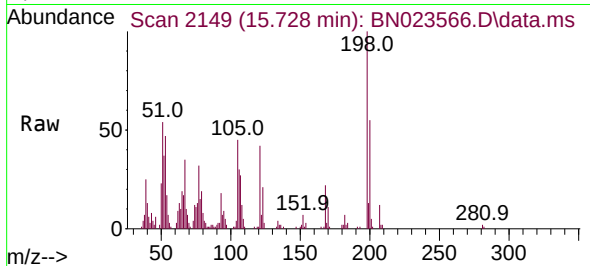
Tgt Ion:138 Resp: 29680
Ion Ratio Lower Upper
138 100
92 59.2 41.3 61.9
108 87.2 64.2 96.2





#66
4,6-Dinitro-2-methylphenol
Concen: 4.520 ng/ul
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

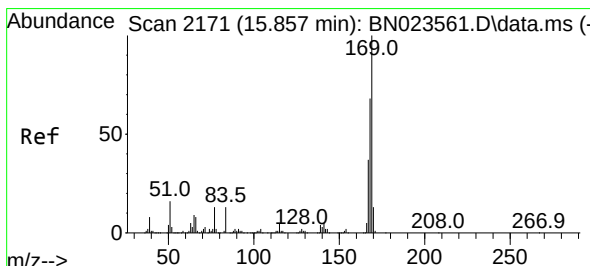
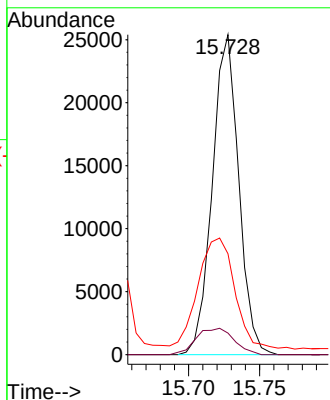
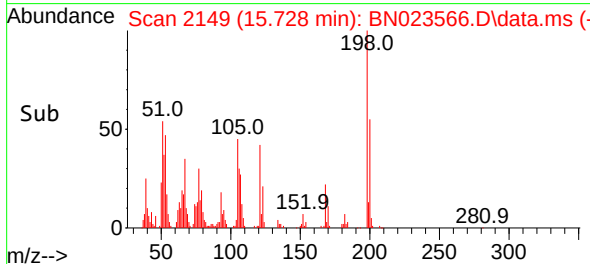
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:198 Resp: 32911
Ion Ratio Lower Upper
198 100
182 6.7 3.6 5.4
77 31.5 21.2 31.8

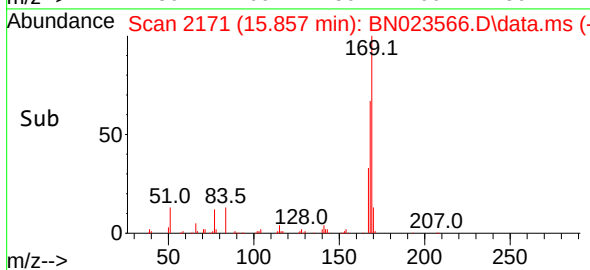
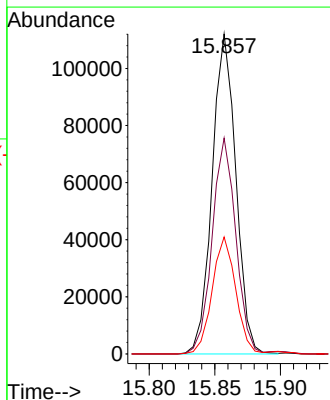
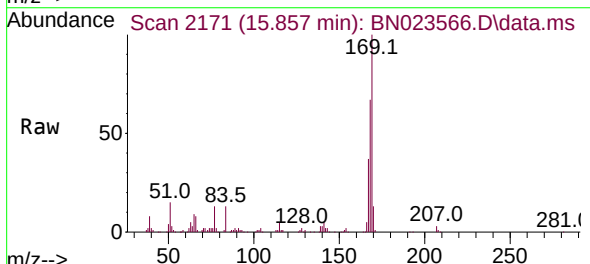
Manual Integrations
APPROVED

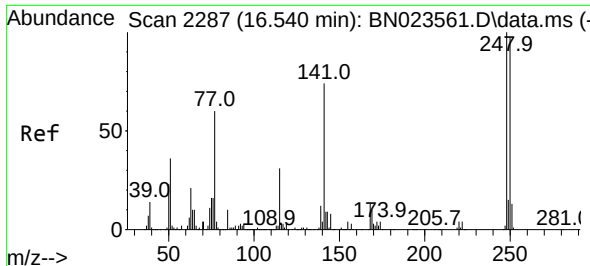
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#67
N-Nitrosodiphenylamine
Concen: 4.122 ng/ul
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

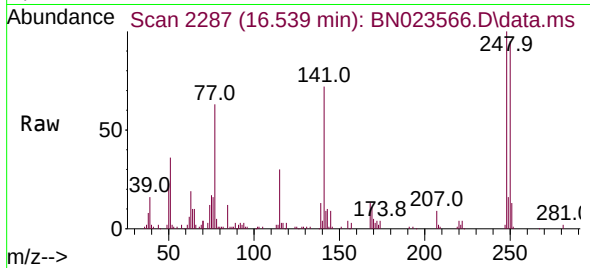
Tgt Ion:169 Resp: 141500
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.2
167 36.5 29.0 43.4





#68
4-Bromophenyl-phenylether
Concen: 4.026 ng/ul
RT: 16.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

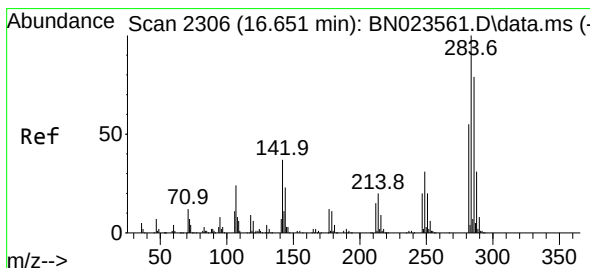
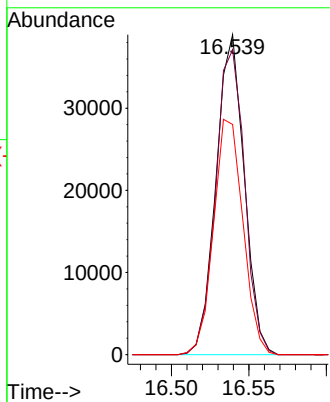
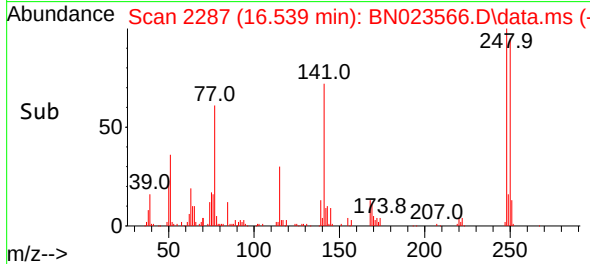
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:248 Resp: 49352
Ion Ratio Lower Upper
248 100
250 95.3 76.4 114.6
141 71.9 58.0 87.0

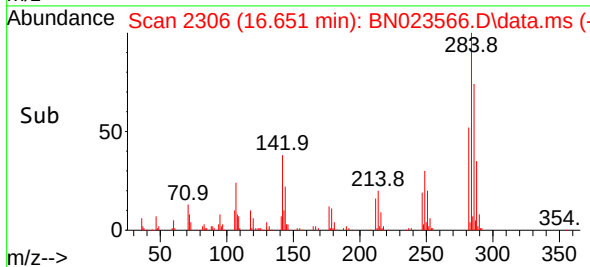
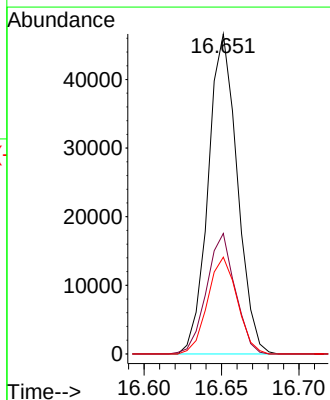
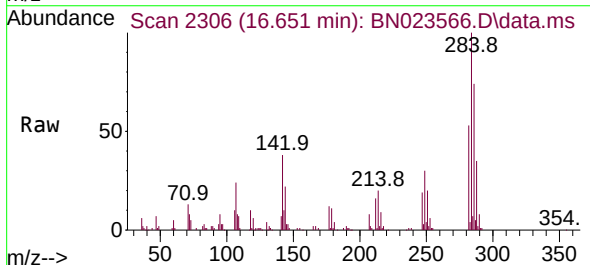
Manual Integrations
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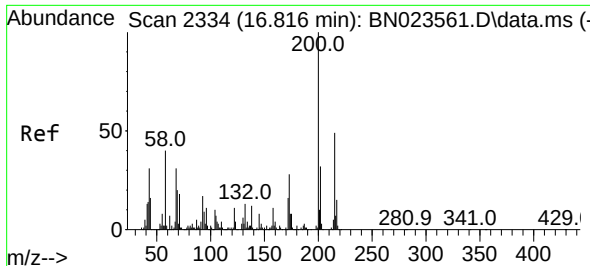
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#69
Hexachlorobenzene
Concen: 4.245 ng/ul
RT: 16.651 min Scan# 2306
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

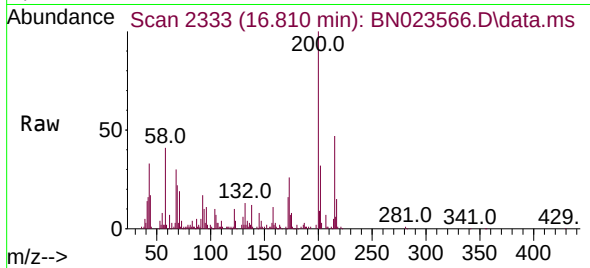
Tgt Ion:284 Resp: 60991
Ion Ratio Lower Upper
284 100
142 37.6 28.9 43.3
249 30.2 24.2 36.2





#70
 Atrazine
 Concen: 5.574 ng/ul
 RT: 16.810 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BN023566.D
 Acq: 05 Jan 2023 13:15

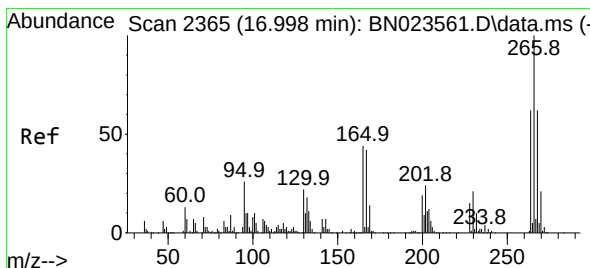
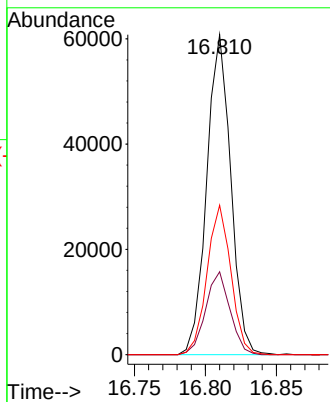
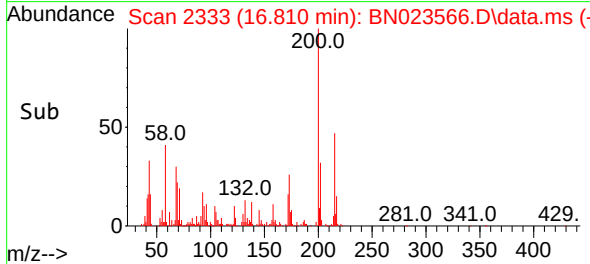
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07



Tgt Ion:200 Resp: 71614
 Ion Ratio Lower Upper
 200 100
 173 25.9 21.4 32.2
 215 46.7 39.0 58.6

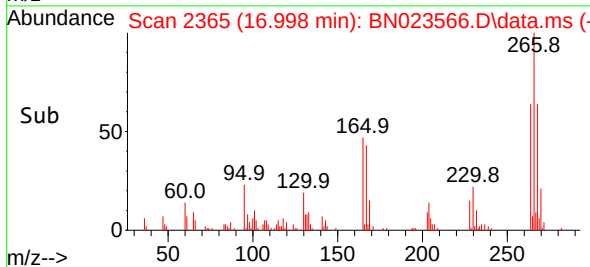
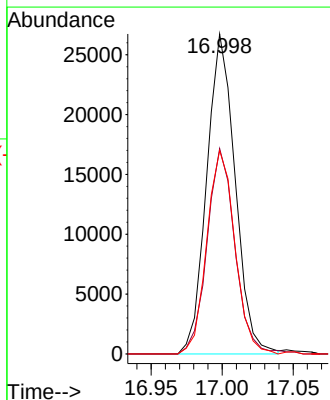
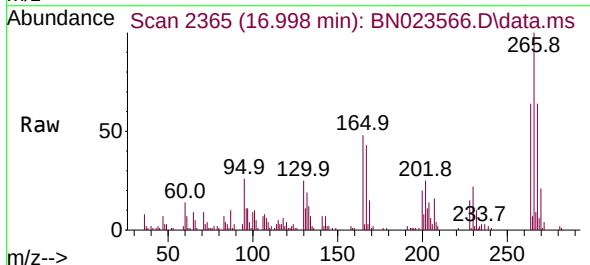
Manual Integrations
 APPROVED

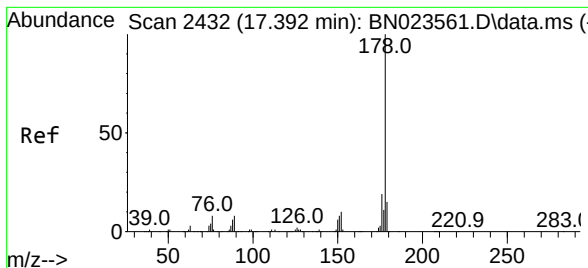
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023



#71
 Pentachlorophenol
 Concen: 4.064 ng/ul
 RT: 16.998 min Scan# 2365
 Delta R.T. 0.000 min
 Lab File: BN023566.D
 Acq: 05 Jan 2023 13:15

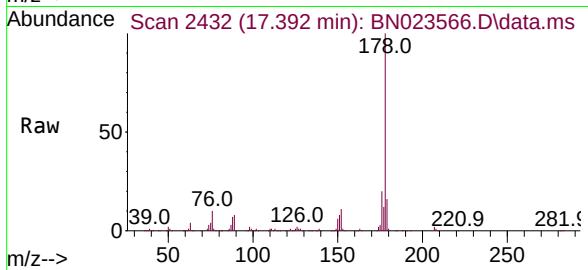
Tgt Ion:266 Resp: 37263
 Ion Ratio Lower Upper
 266 100
 264 64.2 51.4 77.0
 268 63.6 54.5 81.7





#72
Phenanthrene
Concen: 4.246 ng/ul
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

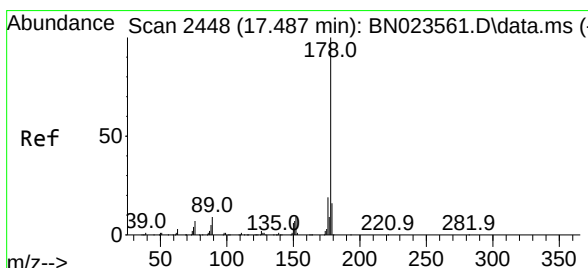
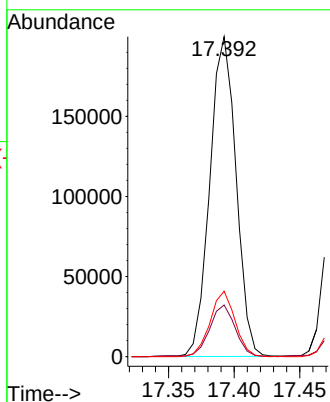
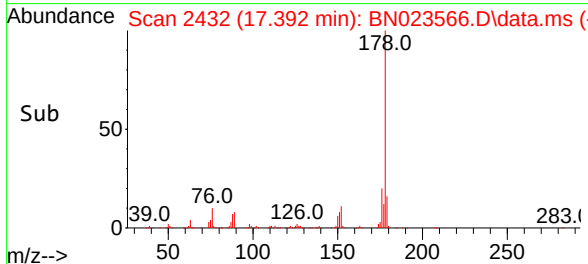
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT4-2022-07



Tgt Ion:178 Resp: 278298
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 20.4 15.2 22.8

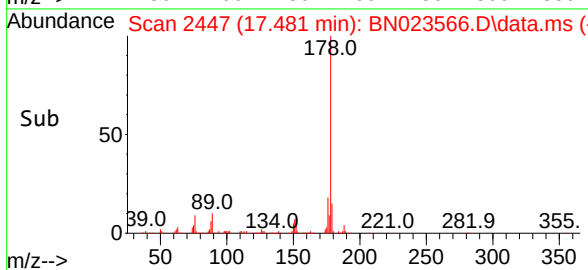
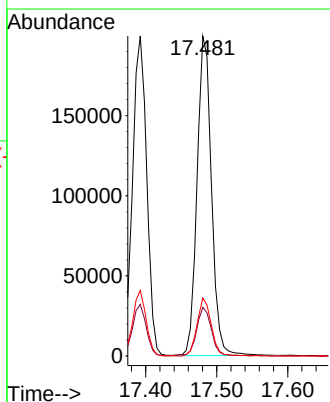
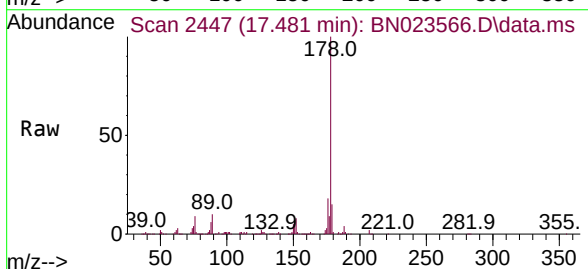
Manual Integrations
APPROVED

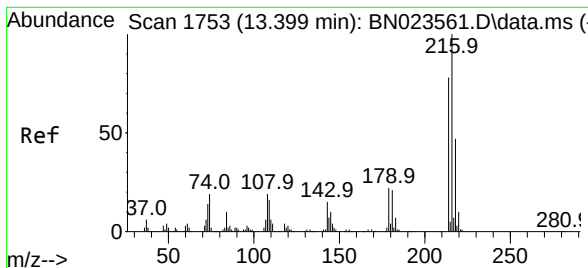
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#74
Anthracene
Concen: 4.295 ng/ul
RT: 17.481 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

Tgt Ion:178 Resp: 280125
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 18.1 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.296 ng/uL

RT: 13.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN023566.D

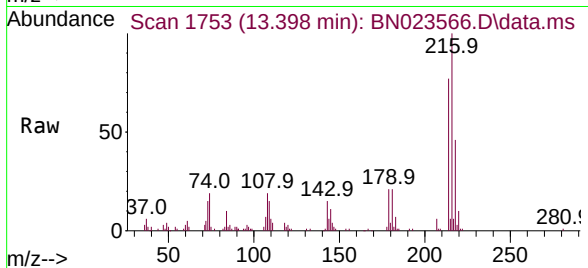
Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

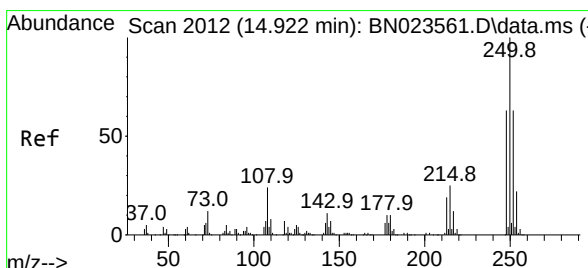
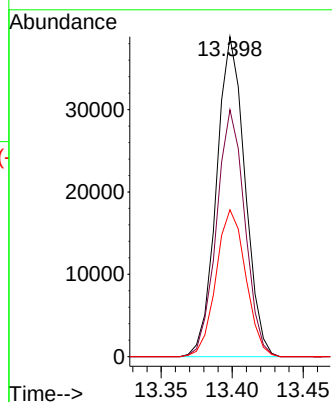
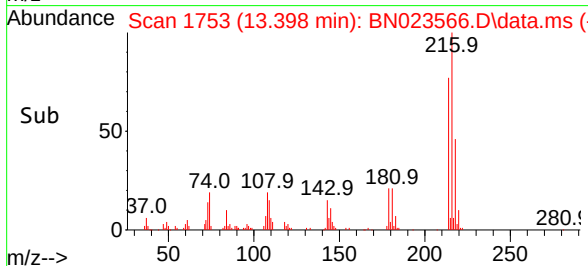


Tgt Ion:	216	Resp:	54274
Ion Ratio	Lower	Upper	
216	100		
214	77.1	61.0	91.4
218	45.9	39.8	59.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#76

Pentachlorobenzene

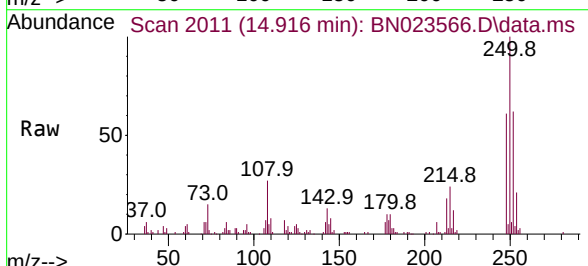
Concen: 3.239 ng/uL

RT: 14.916 min Scan# 2011

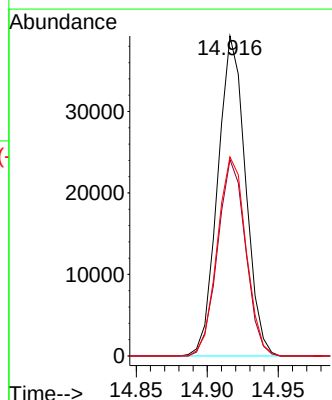
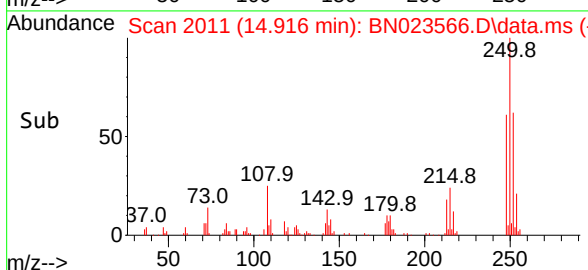
Delta R.T. -0.006 min

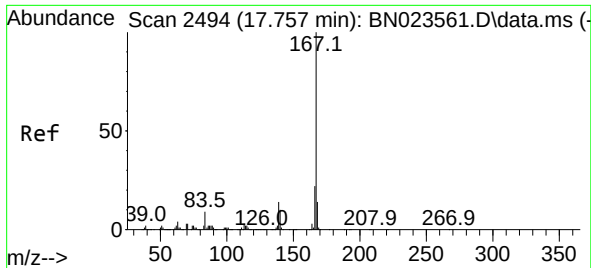
Lab File: BN023566.D

Acq: 05 Jan 2023 13:15



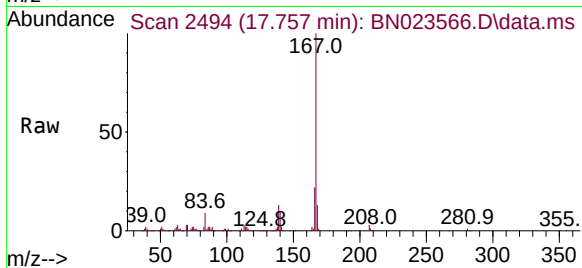
Tgt Ion:	250	Resp:	53427
Ion Ratio	Lower	Upper	
250	100		
248	61.3	50.3	75.5
252	62.2	48.9	73.3





#77
 Carbazole
 Concen: 4.136 ng/ul
 RT: 17.757 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BN023566.D
 Acq: 05 Jan 2023 13:15

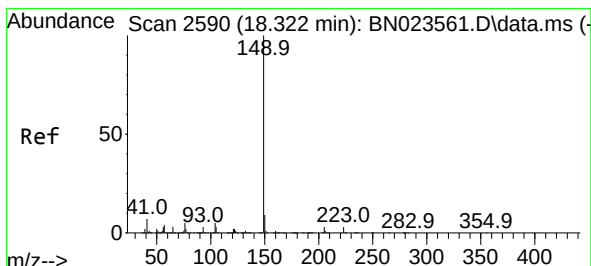
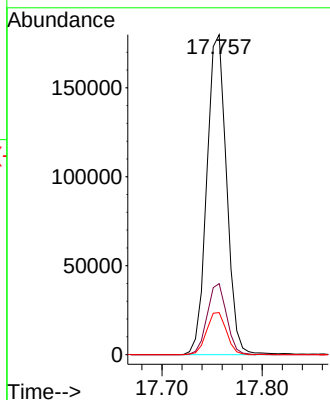
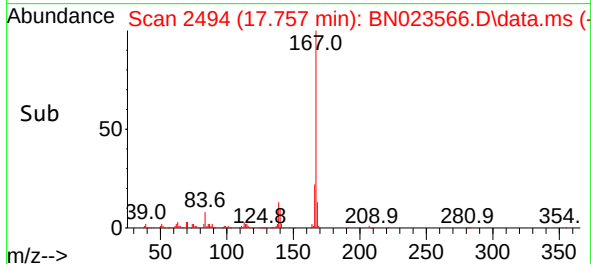
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07



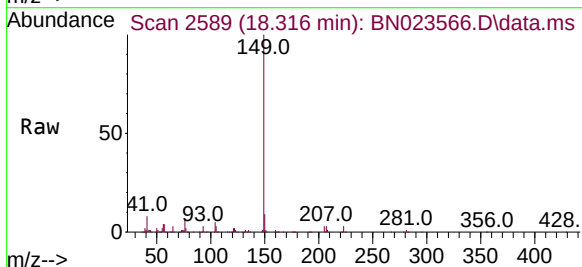
Tgt Ion:167 Resp: 244942
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.1 11.0 16.6

Manual Integrations
 APPROVED

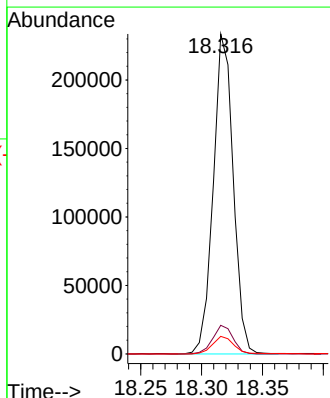
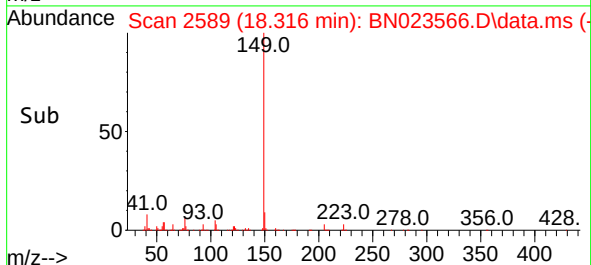
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

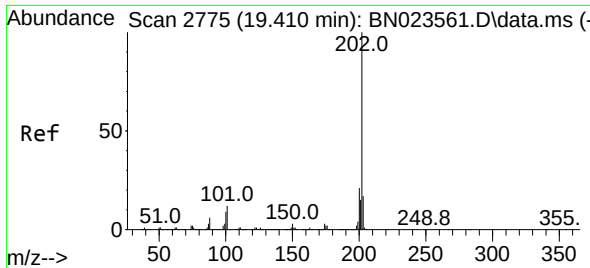


#78
 Di-n-butylphthalate
 Concen: 3.782 ng/ul
 RT: 18.316 min Scan# 2589
 Delta R.T. -0.006 min
 Lab File: BN023566.D
 Acq: 05 Jan 2023 13:15



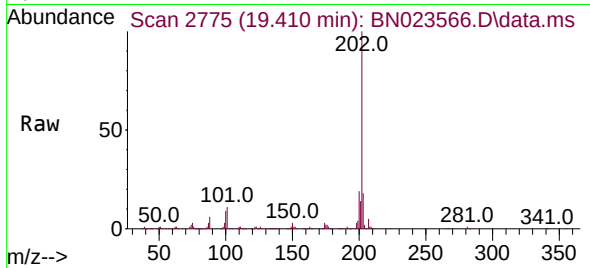
Tgt Ion:149 Resp: 265907
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.5 4.3 6.5





#80
Fluoranthene
Concen: 4.004 ng/ul
RT: 19.410 min Scan# 2775
Delta R.T. 0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

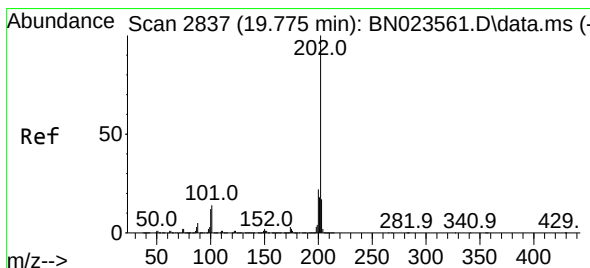
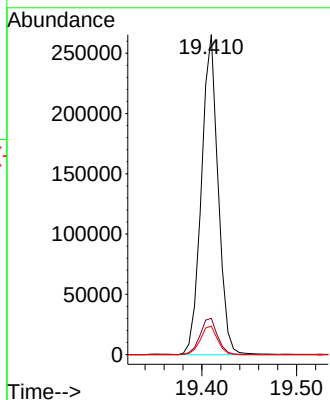
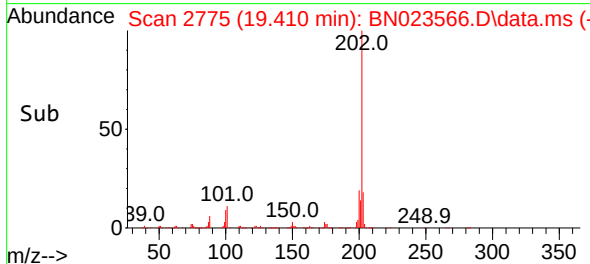
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



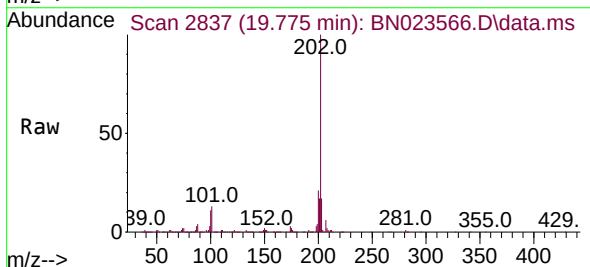
Tgt Ion:202 Resp: 325350
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.9 7.3 10.9

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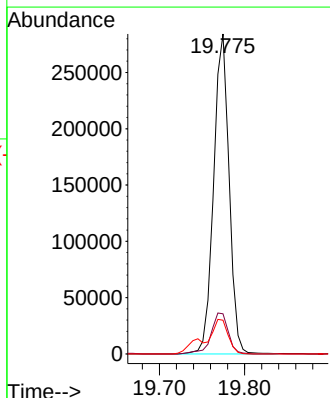
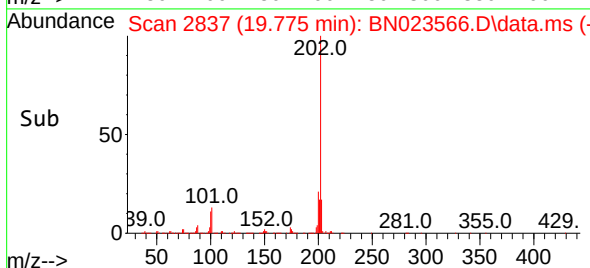
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

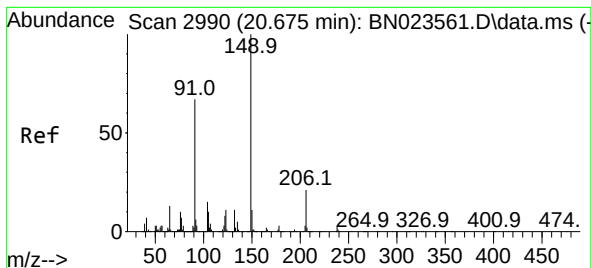


#82
Pyrene
Concen: 4.177 ng/ul
RT: 19.775 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15



Tgt Ion:202 Resp: 358531
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 10.5 8.9 13.3





#83

Butylbenzylphthalate

Concen: 3.308 ng/ul

RT: 20.669 min Scan# 2990

Delta R.T. -0.006 min

Lab File: BN023566.D

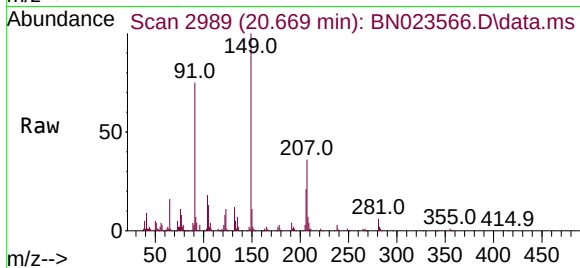
Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

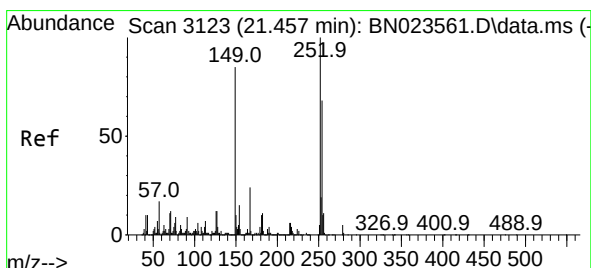
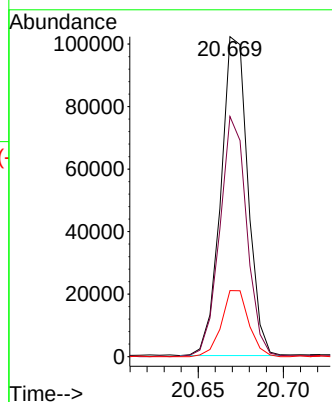
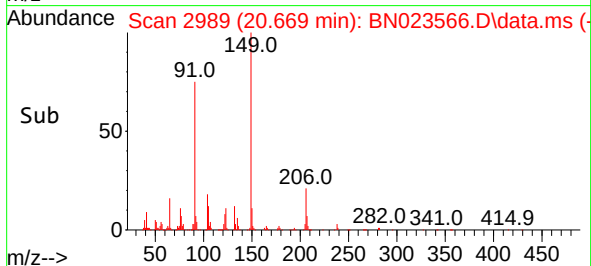


Tgt Ion:	149	Resp:	112418
Ion Ratio	Lower	Upper	
149	100		
91	75.0	57.9	86.9
206	20.6	16.8	25.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.490 ng/ul

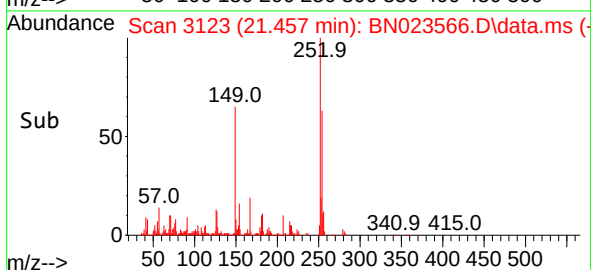
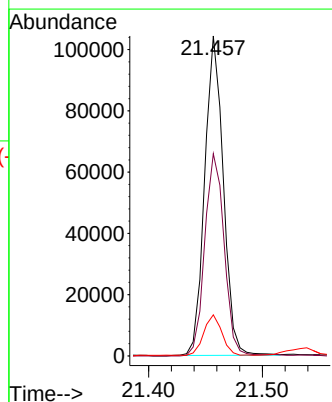
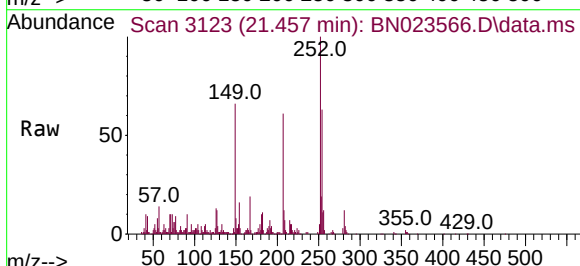
RT: 21.457 min Scan# 3123

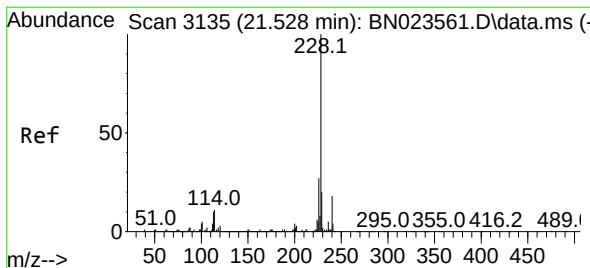
Delta R.T. -0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Tgt Ion:	252	Resp:	119154
Ion Ratio	Lower	Upper	
252	100		
254	63.2	51.2	76.8
126	12.8	8.8	13.2





#85

Benzo(a)anthracene

Concen: 4.176 ng/ul

RT: 21.521 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BN023566.D

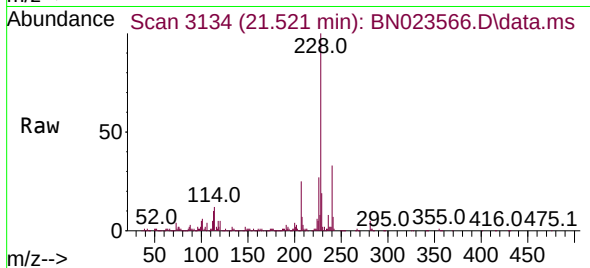
Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07



Tgt Ion:228 Resp: 343686

Ion Ratio Lower Upper

228 100

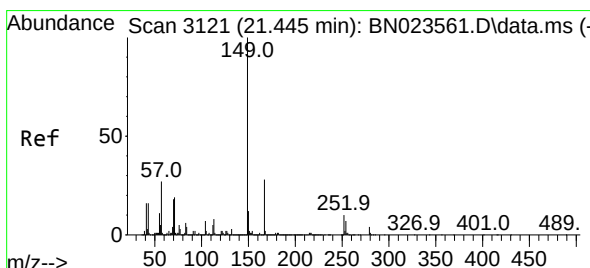
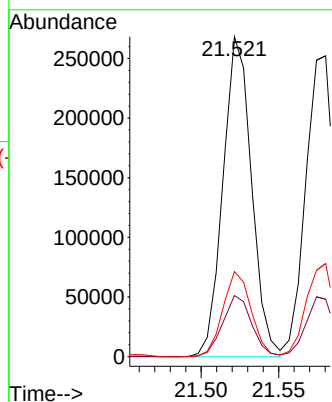
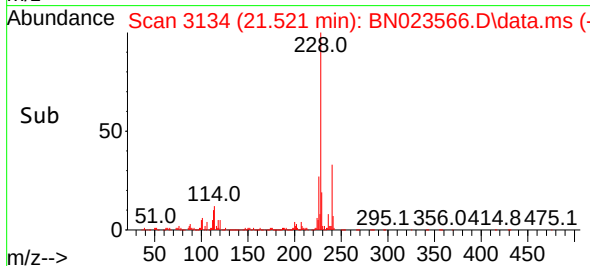
229 19.1 15.0 22.4

226 26.6 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.622 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

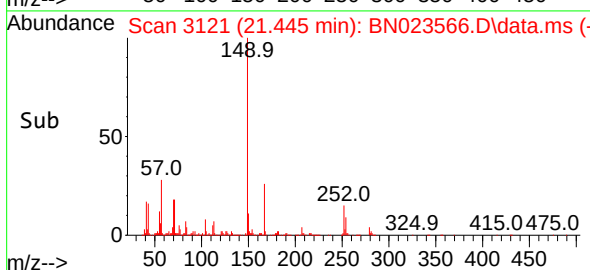
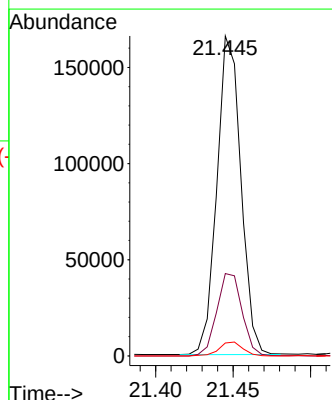
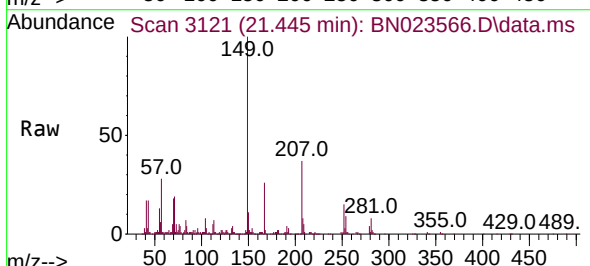
Tgt Ion:149 Resp: 178716

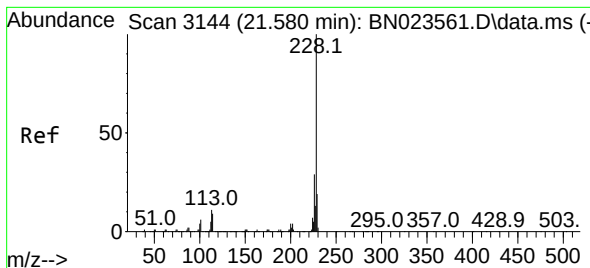
Ion Ratio Lower Upper

149 100

167 25.7 22.0 33.0

279 4.0 3.4 5.2





#87

Chrysene

Concen: 4.254 ng/ul

RT: 21.580 min Scan# 3144

Delta R.T. -0.000 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Instrument :

BNA_N

ClientSampleId :

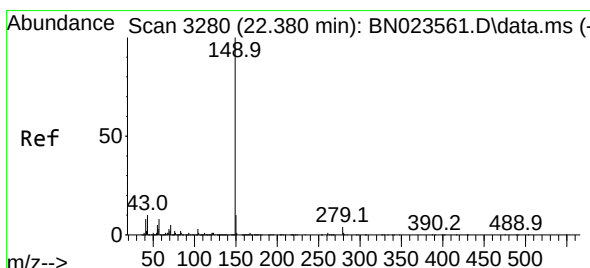
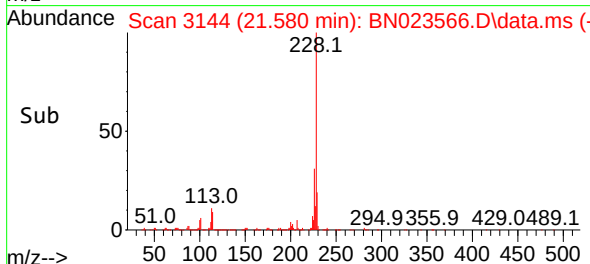
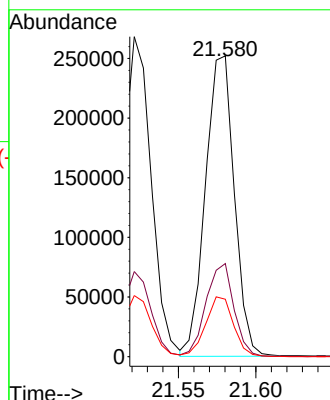
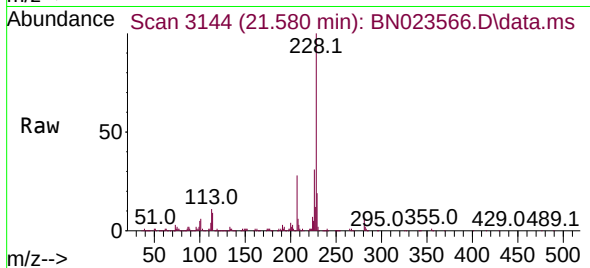
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:228 Resp: 328242
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.6 37.0
 229 19.1 16.8 25.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023



#89

Di-n-octyl phthalate

Concen: 3.092 ng/ul

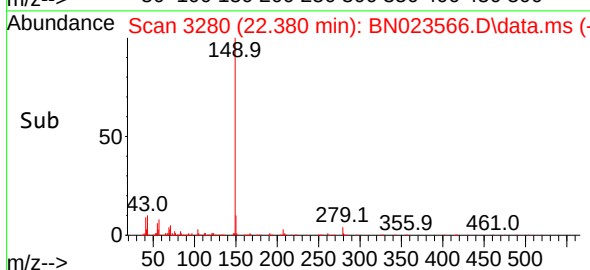
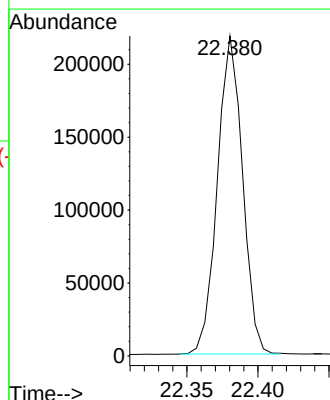
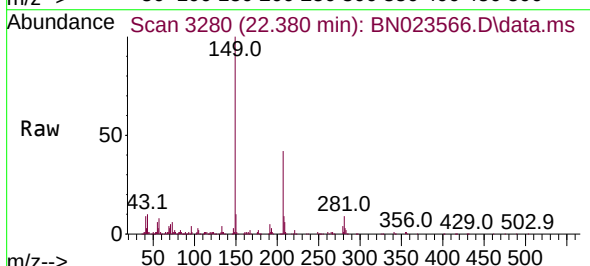
RT: 22.380 min Scan# 3280

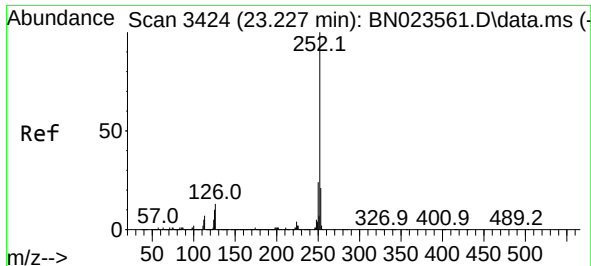
Delta R.T. 0.000 min

Lab File: BN023566.D

Acq: 05 Jan 2023 13:15

Tgt Ion:149 Resp: 268812





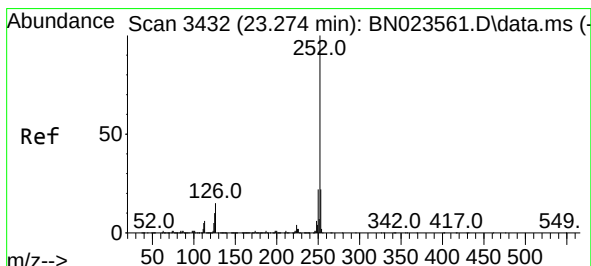
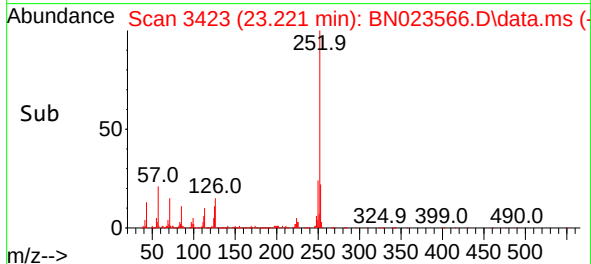
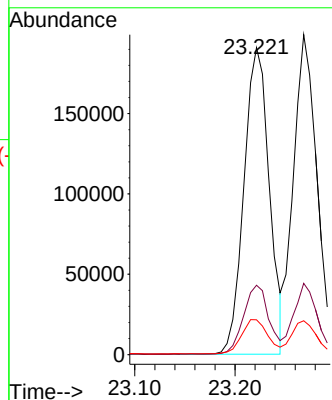
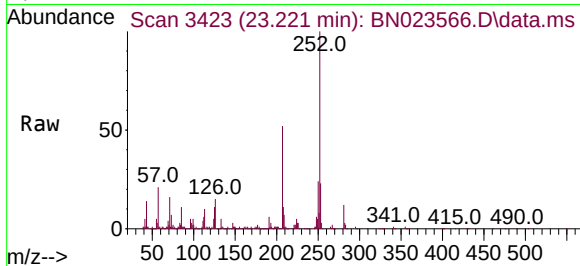
#90
Benzo(b)fluoranthene
Concen: 4.165 ng/ul
RT: 23.221 min Scan# 3424
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion:252 Resp: 334149
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.3 8.6 13.0

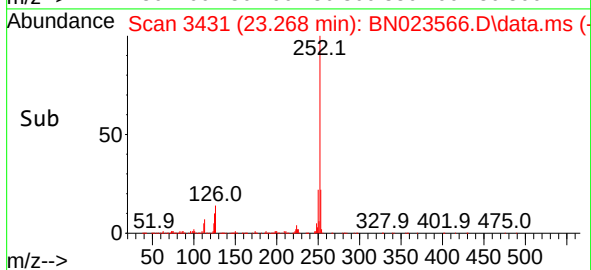
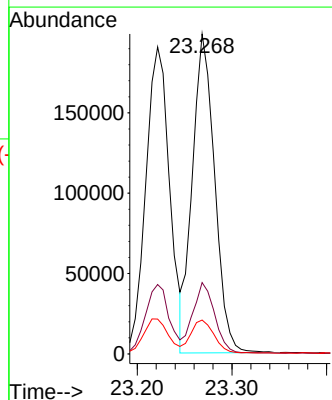
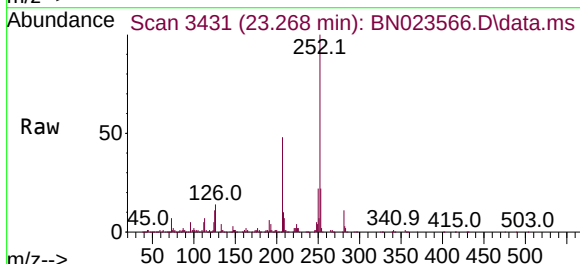
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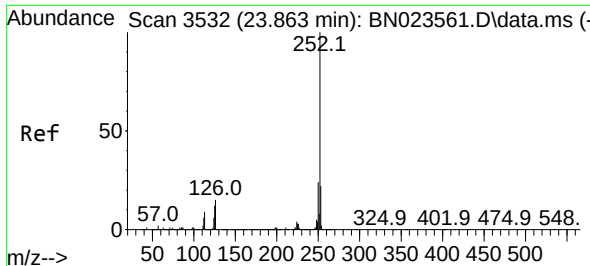
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#91
Benzo(k)fluoranthene
Concen: 4.087 ng/ul
RT: 23.268 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

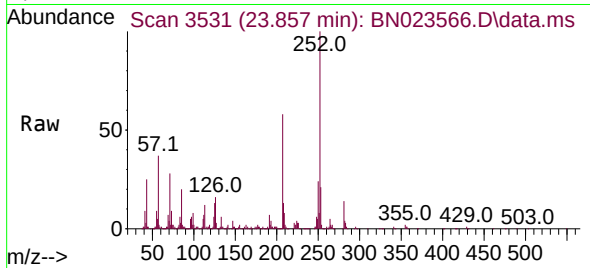
Tgt Ion:252 Resp: 324308
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.6 8.6 12.8





#93
Benzo(a)pyrene
Concen: 4.467 ng/ul
RT: 23.857 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

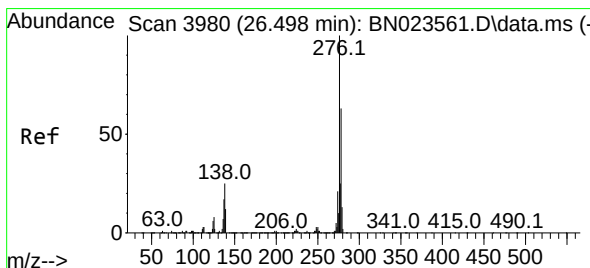
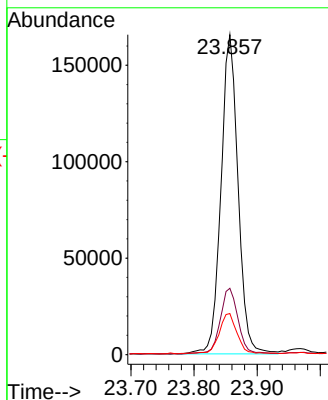
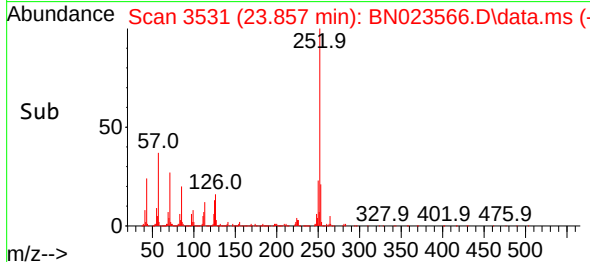
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



Tgt Ion:252 Resp: 310862
Ion Ratio Lower Upper
252 100
253 20.7 16.6 25.0
125 12.8 9.8 14.6

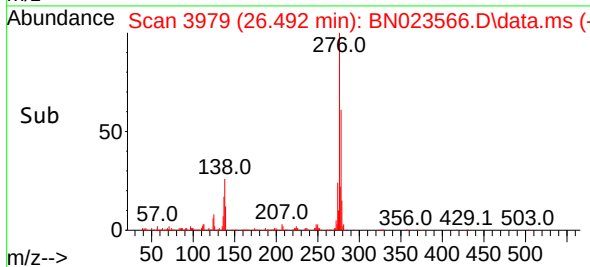
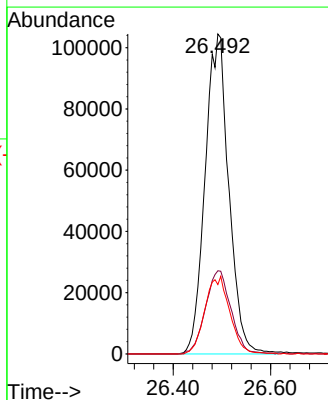
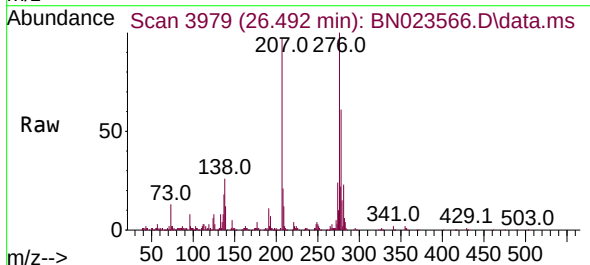
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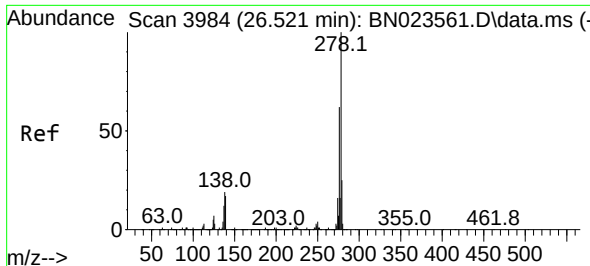
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.106 ng/ul
RT: 26.492 min Scan# 3979
Delta R.T. -0.012 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

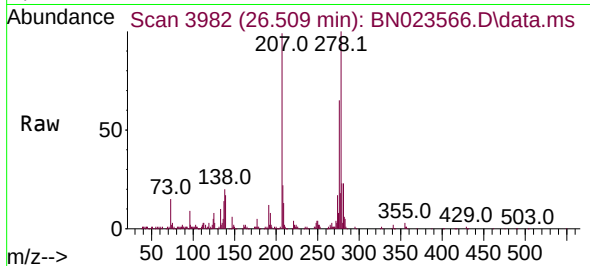
Tgt Ion:276 Resp: 353075
Ion Ratio Lower Upper
276 100
138 26.0 20.6 30.8
277 21.7 18.9 28.3





#95
Dibenzo(a,h)anthracene
Concen: 4.156 ng/ul
RT: 26.509 min Scan# 3984
Delta R.T. -0.012 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15

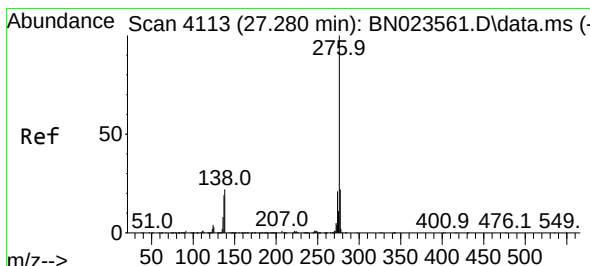
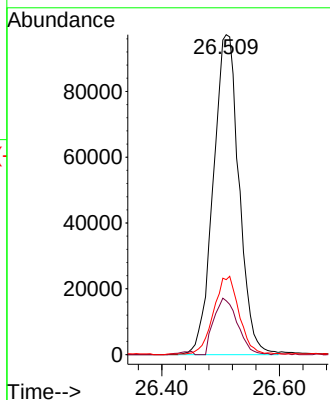
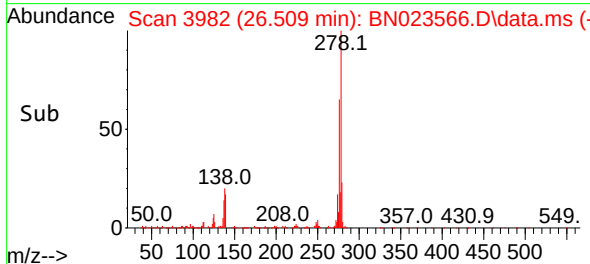
Instrument : BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07



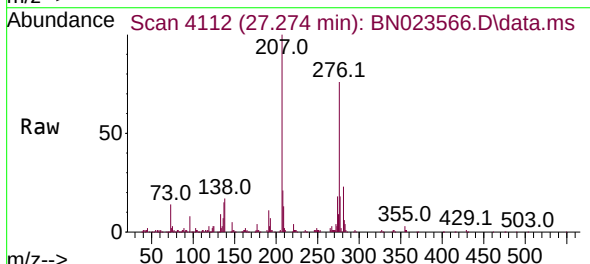
Tgt Ion: 278 Resp: 295523
Ion Ratio Lower Upper
278 100
139 16.8 14.1 21.1
279 23.4 18.0 27.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#96
Benzo(g,h,i)perylene
Concen: 4.053 ng/ul
RT: 27.274 min Scan# 4112
Delta R.T. -0.012 min
Lab File: BN023566.D
Acq: 05 Jan 2023 13:15



Tgt Ion: 276 Resp: 277605
Ion Ratio Lower Upper
276 100
138 22.6 17.0 25.6
277 23.9 17.6 26.4

