

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
 Data File : BN031567.D
 Acq On : 20 May 2024 11:39
 Operator : MA/JU
 Sample : P2409-05
 Misc : SFAM-MDL-ME-SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-03

Quant Time: May 20 12:12:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 15 02:37:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	465889	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2079081	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	1344610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2806210	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2372801	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1951767	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	60703	5.366	ng/uL	0.00
4) Pyridine-d5	3.599	84	893645	25.841	ng/u1	0.00
7) Phenol-d5	6.858	99	1017505	25.734	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	657693	25.408	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	740495	27.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	757529	24.950	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	383754	28.006	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	312766	30.245	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	679940	26.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	1111906	24.333	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2295742	26.994	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2734827	26.319	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	387404	23.751	ng/u1	0.00
60) Fluorene-d10	15.328	176	2030643	26.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	214843	21.382	ng/u1	0.00
73) Anthracene-d10	17.175	188	2845520	23.714	ng/u1	0.00
81) Pyrene-d10	19.469	212	3413891	28.979	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2398374	27.686	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	14270m	1.182	ng/uL	
5) Pyridine	3.622	79	165893	4.781	ng/u1#	83
6) Benzaldehyde	6.840	77	128374	6.346	ng/u1	95
8) Phenol	6.881	94	195999	4.693	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	170296	4.871	ng/u1	98
12) 2-Chlorophenol	7.258	128	144233	4.881	ng/u1	95
13) 2-Methylphenol	8.128	108	132889	4.352	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	211607	4.660	ng/u1	98
16) Acetophenone	8.510	105	257549	4.991	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	119901	4.688	ng/u1	97
18) 4-Methylphenol	8.452	108	150904	4.584	ng/u1	100
19) Hexachloroethane	8.763	117	62560	4.654	ng/u1	97
22) Nitrobenzene	8.887	77	187832	4.910	ng/u1	97
23) Isophorone	9.410	82	337285	4.646	ng/u1	97
25) 2-Nitrophenol	9.593	139	67693	5.567	ng/u1	97
26) 2,4-Dimethylphenol	9.652	107	102898	3.155	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	231583	4.930	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	131750	5.046	ng/u1	92
30) Naphthalene	10.528	128	531401	4.901	ng/u1	98
32) 4-Chloroaniline	10.640	127	213052	4.732	ng/u1	99
33) Hexachlorobutadiene	10.810	225	83465	4.793	ng/u1	95
34) Caprolactam	11.416	113	43298	4.386	ng/u1	87
35) 4-Chloro-3-methylphenol	11.757	107	140795	4.650	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	352639	5.001	ng/u1	95

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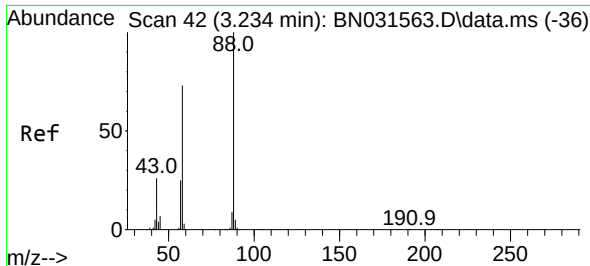
Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

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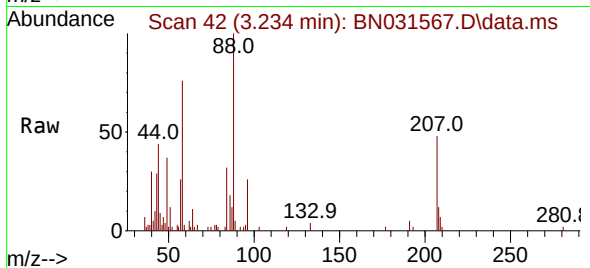
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	360897	5.051	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.510	216	175809	4.974	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	66952	3.480	ng/ul	92
41) 2,4,6-Trichlorophenol	12.751	196	82675	4.483	ng/ul	94
42) 2,4,5-Trichlorophenol	12.816	196	101828	4.723	ng/ul	94
43) 1,1'-Biphenyl	13.163	154	466376	4.913	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	365417	4.903	ng/ul	96
45) 2-Nitroaniline	13.410	65	81415	4.245	ng/ul	94
47) Dimethylphthalate	13.792	163	442733	4.963	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	64619	4.252	ng/ul	98
50) Acenaphthylene	14.051	152	602574	4.929	ng/ul	100
51) 3-Nitroaniline	14.234	138	75099	4.219	ng/ul	97
52) Acenaphthene	14.392	153	398613	4.863	ng/ul	97
53) 2,4-Dinitrophenol	14.439	184	25748	3.978	ng/ul	94
55) 4-Nitrophenol	14.534	109	65311	4.956	ng/ul	91
56) Dibenzofuran	14.728	168	553892	4.987	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	98422	4.474	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	73654	4.716	ng/ul	99
59) Diethylphthalate	15.163	149	421024	4.709	ng/ul	98
61) Fluorene	15.381	166	448512	4.920	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	217253	4.994	ng/ul	98
63) 4-Nitroaniline	15.398	138	79559	4.433	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	51349	4.620	ng/ul	90
67) N-Nitrosodiphenylamine	15.592	169	362974	4.770	ng/ul	94
68) 4-Bromophenyl-phenylether	16.275	248	121857	4.780	ng/ul	99
69) Hexachlorobenzene	16.375	284	144216	4.851	ng/ul	99
70) Atrazine	16.545	200	117963	5.259	ng/ul	97
71) Pentachlorophenol	16.716	266	62504	4.146	ng/ul	91
72) Phenanthrene	17.116	178	716625	4.875	ng/ul	99
74) Anthracene	17.204	178	662946	4.472	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	167072	4.708	ng/ul	99
76) Pentachlorobenzene	14.645	250	181306	5.277	ng/ul	98
77) Carbazole	17.475	167	611494	4.582	ng/ul	98
78) Di-n-butylphthalate	18.051	149	635731	4.322	ng/ul	99
80) Fluoranthene	19.133	202	771250	5.551	ng/ul	99
82) Pyrene	19.498	202	836985	5.562	ng/ul	97
83) Butylbenzylphthalate	20.410	149	206215	4.346	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.216	252	160972	3.681	ng/ul	99
85) Benzo(a)anthracene	21.286	228	721101	4.623	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	338375	4.341	ng/ul	97
87) Chrysene	21.345	228	700364	4.802	ng/ul	95
89) Di-n-octyl phthalate	22.345	149	407675	4.192	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	547160	4.947	ng/ul	96
91) Benzo(k)fluoranthene	23.368	252	570169	5.044	ng/ul	98
93) Benzo(a)pyrene	24.092	252	506251	4.720	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.521	276	448955	3.714	ng/ul	97
95) Dibenzo(a,h)anthracene	27.580	278	385175m	3.741	ng/ul	
96) Benzo(g,h,i)perylene	28.545	276	373493m	3.826	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.182 ng/uL m
RT: 3.234 min Scan# 42
Delta R.T. -0.000 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

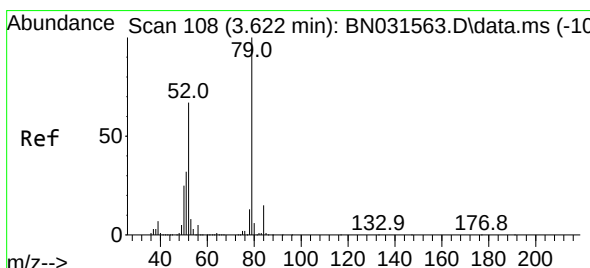
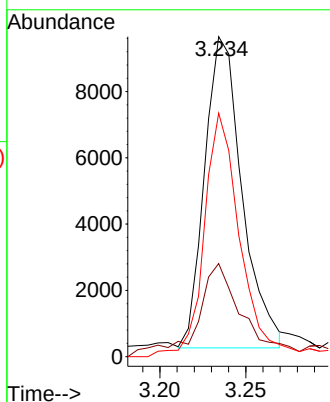
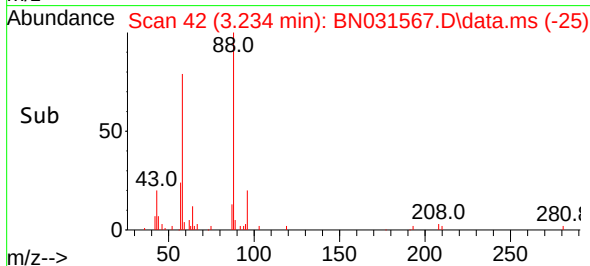
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 88 Resp: 14270
Ion Ratio Lower Upper
88 100
43 29.1 22.6 33.8
58 76.1 57.1 85.7

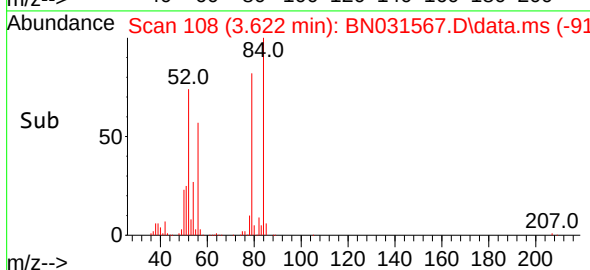
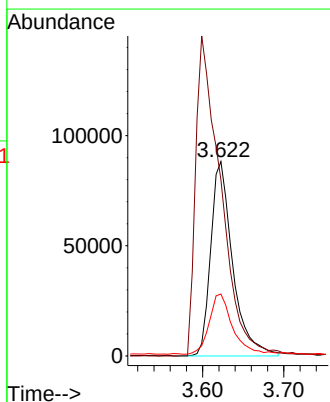
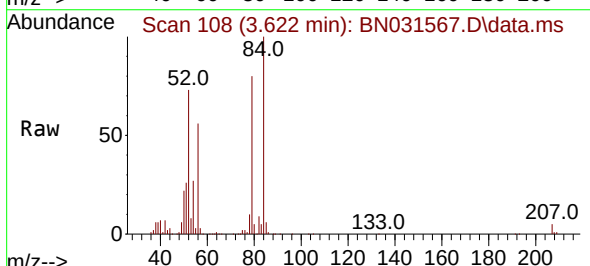
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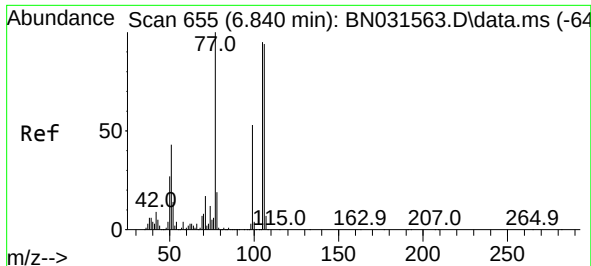
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#5
Pyridine
Concen: 4.781 ng/uL
RT: 3.622 min Scan# 108
Delta R.T. -0.000 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

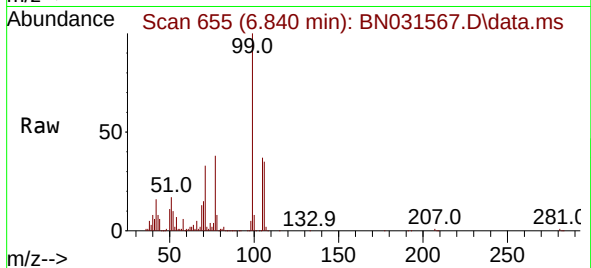
Tgt Ion: 79 Resp: 165893
Ion Ratio Lower Upper
79 100
52 90.6 56.6 84.8#
51 31.9 26.1 39.1





#6
Benzaldehyde
Concen: 6.346 ng/ul
RT: 6.840 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

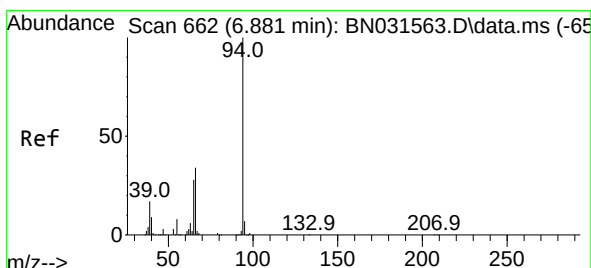
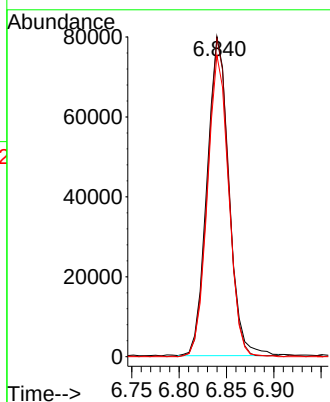
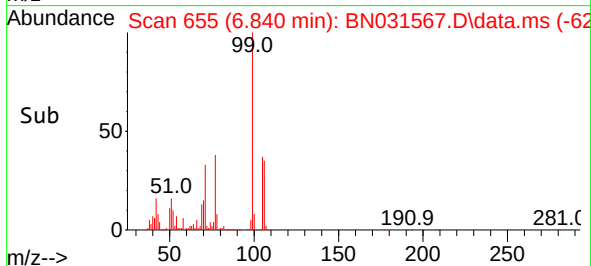
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 77 Resp: 128374
Ion Ratio Lower Upper
77 100
105 99.4 76.4 114.6
106 94.2 71.6 107.4

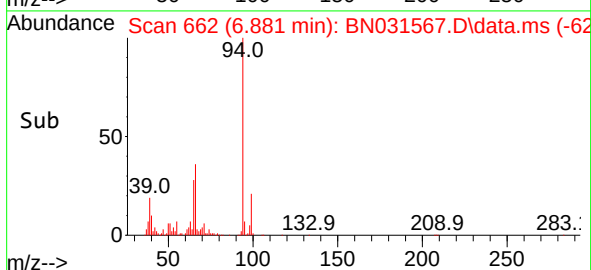
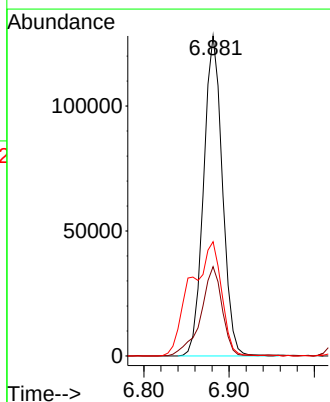
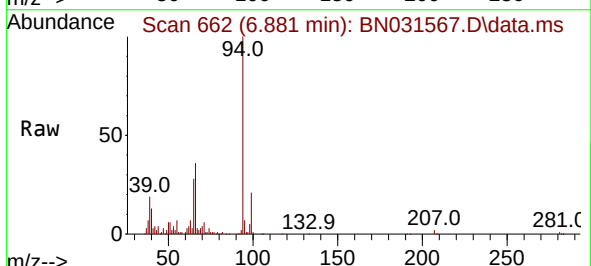
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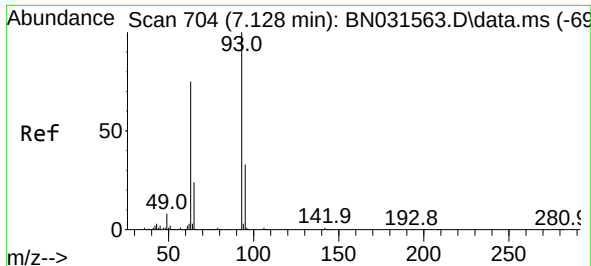
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#8
Phenol
Concen: 4.693 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

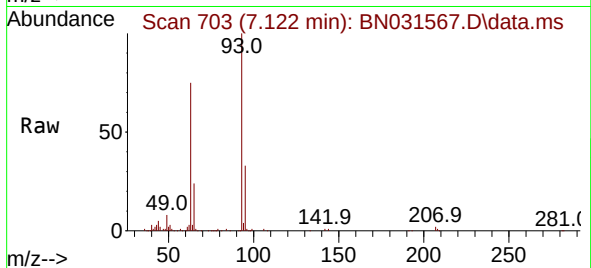
Tgt Ion: 94 Resp: 195999
Ion Ratio Lower Upper
94 100
65 27.9 21.9 32.9
66 35.7 27.8 41.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.871 ng/ul
RT: 7.122 min Scan# 704
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

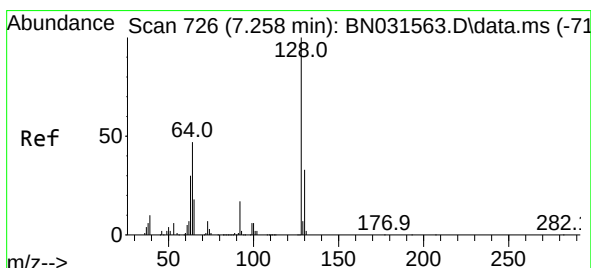
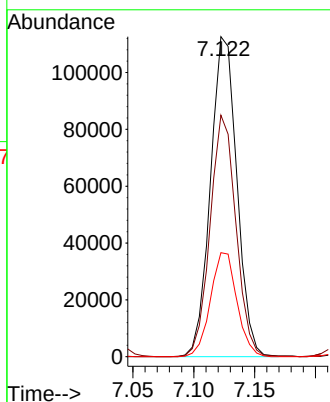
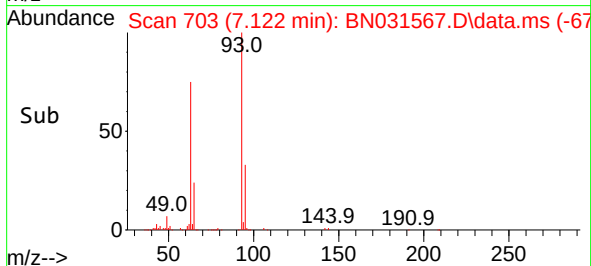
Instrument :
BNA_N
ClientSampleId :
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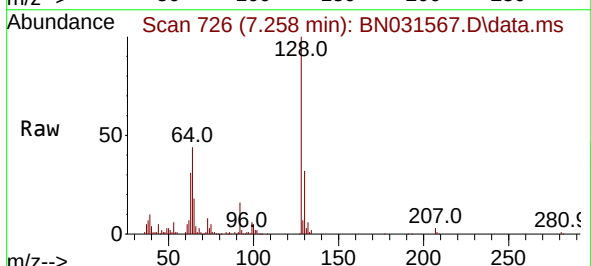
Tgt Ion: 93 Resp: 170290
Ion Ratio Lower Upper
93 100
63 75.4 61.7 92.5
95 32.5 27.0 40.4

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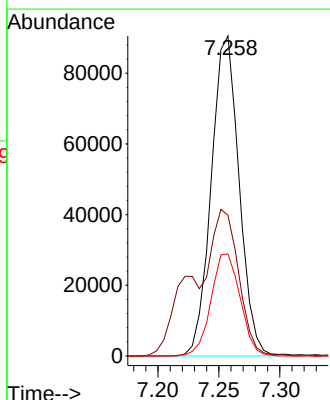
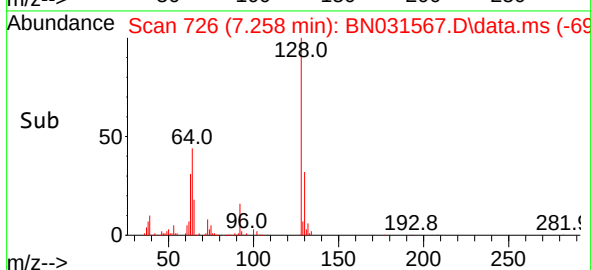
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

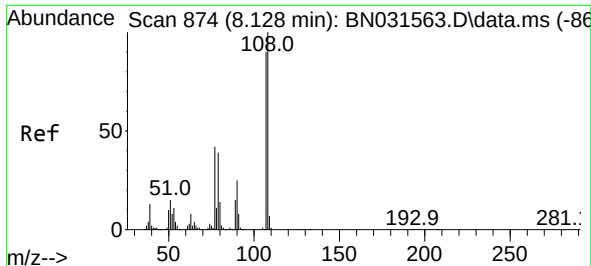


#12
2-Chlorophenol
Concen: 4.881 ng/ul
RT: 7.258 min Scan# 726
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39



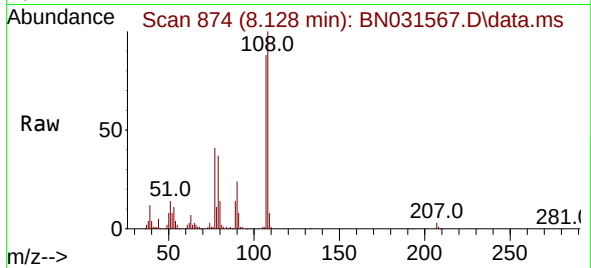
Tgt Ion:128 Resp: 144233
Ion Ratio Lower Upper
128 100
64 44.0 39.4 59.0
130 31.9 25.9 38.9





#13
2-Methylphenol
Concen: 4.352 ng/ul
RT: 8.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

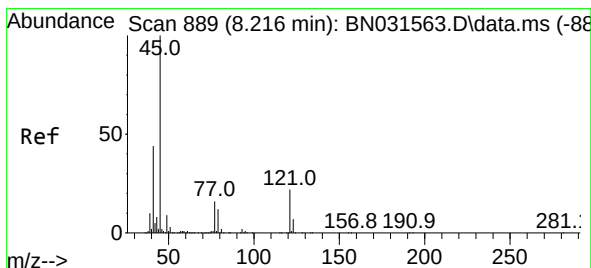
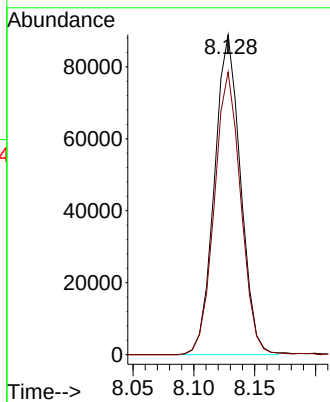
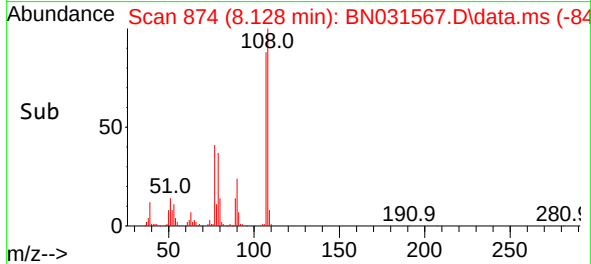
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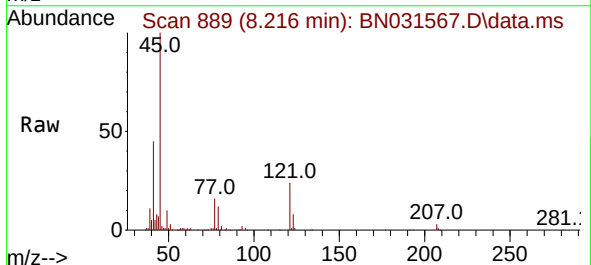
Tgt Ion:108 Resp: 132889
Ion Ratio Lower Upper
108 100
107 88.3 71.3 106.9

Manual Integrations
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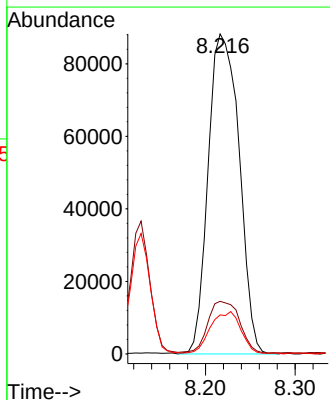
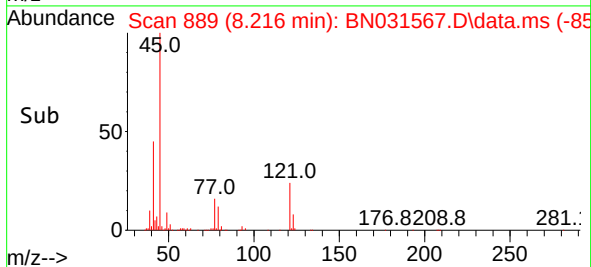
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

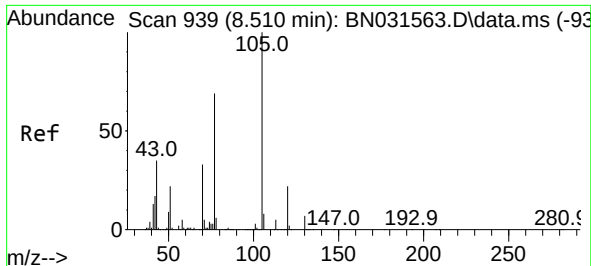


#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.660 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.012 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39



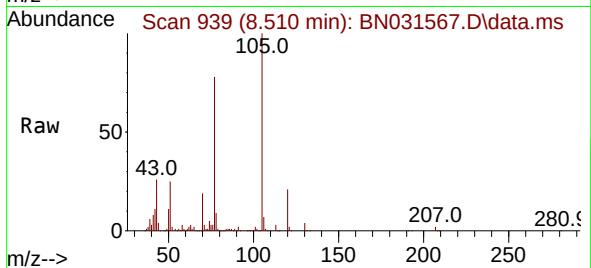
Tgt Ion: 45 Resp: 211607
Ion Ratio Lower Upper
45 100
77 16.4 12.6 19.0
79 12.2 9.2 13.8





#16
Acetophenone
Concen: 4.991 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

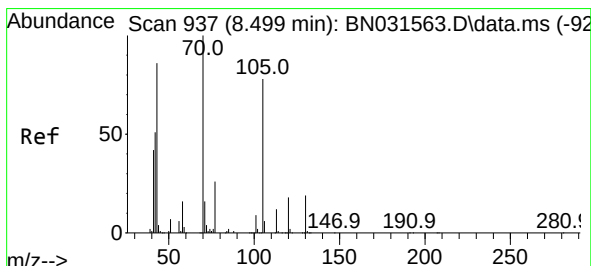
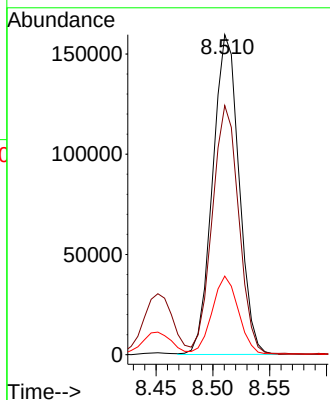
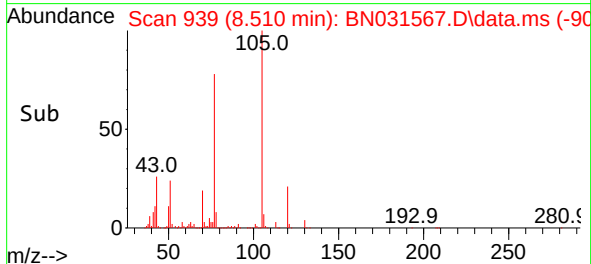
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ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



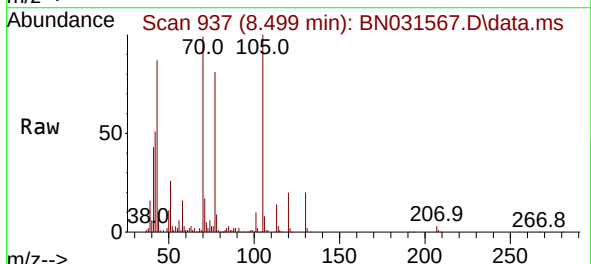
Tgt Ion:105 Resp: 257549
Ion Ratio Lower Upper
105 100
77 77.9 63.7 95.5
51 24.5 20.6 31.0

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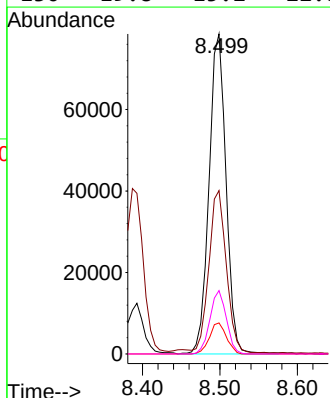
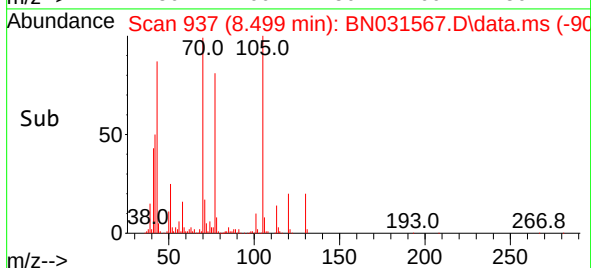
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

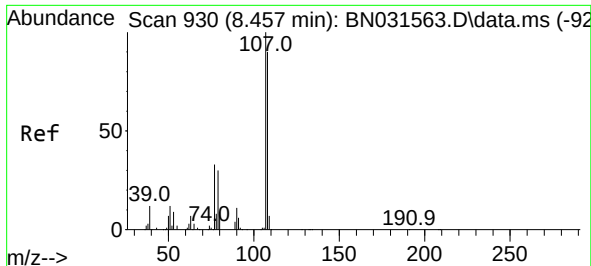


#17
N-Nitroso-di-n-propylamine
Concen: 4.688 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39



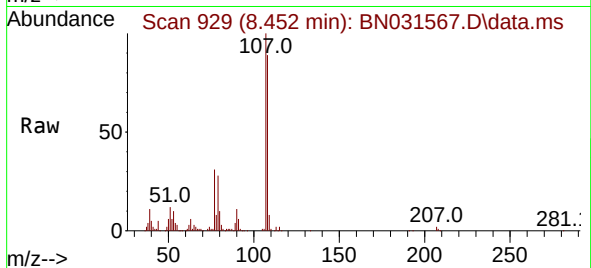
Tgt Ion: 70 Resp: 119901
Ion Ratio Lower Upper
70 100
42 51.1 42.7 64.1
101 9.7 7.4 11.2
130 19.8 15.2 22.8





#18
4-Methylphenol
Concen: 4.584 ng/ul
RT: 8.452 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

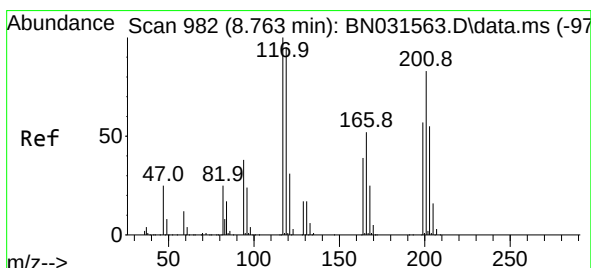
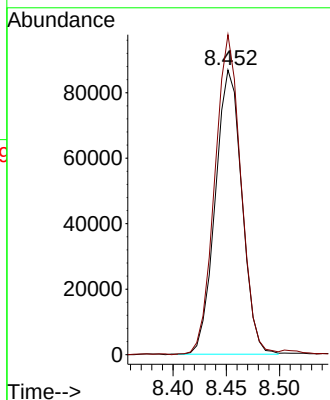
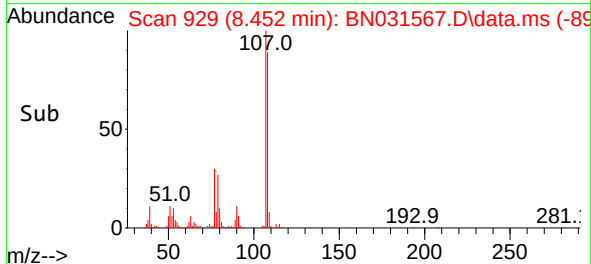
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:108 Resp: 150904
Ion Ratio Lower Upper
108 100
107 112.4 89.8 134.6

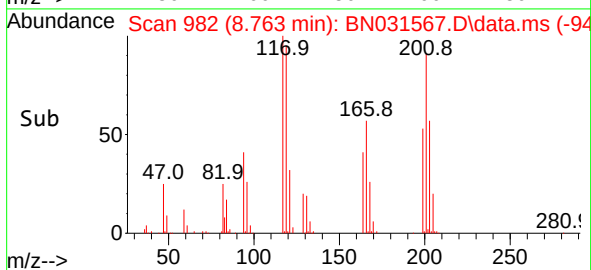
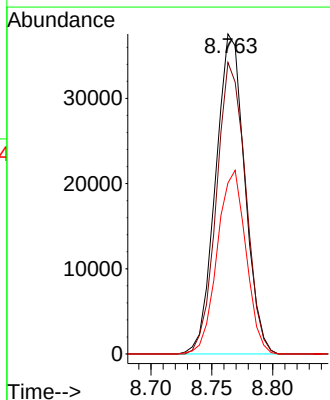
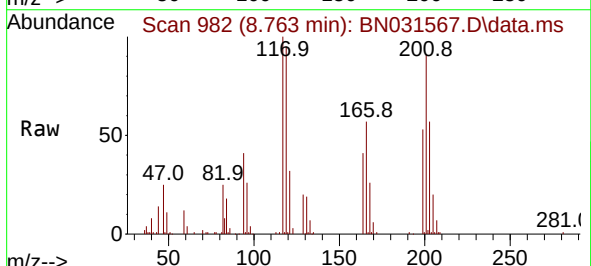
Manual Integrations
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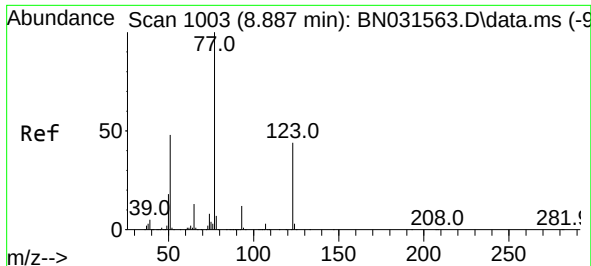
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#19
Hexachloroethane
Concen: 4.654 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

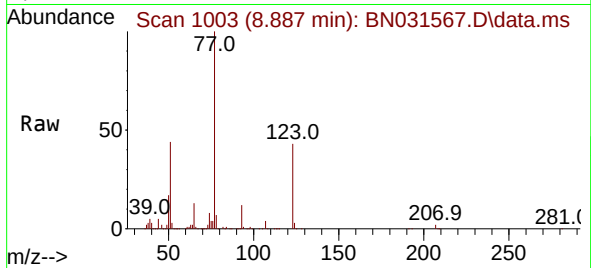
Tgt Ion:117 Resp: 62560
Ion Ratio Lower Upper
117 100
201 91.1 69.8 104.8
199 54.9 43.8 65.6





#22
Nitrobenzene
Concen: 4.910 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

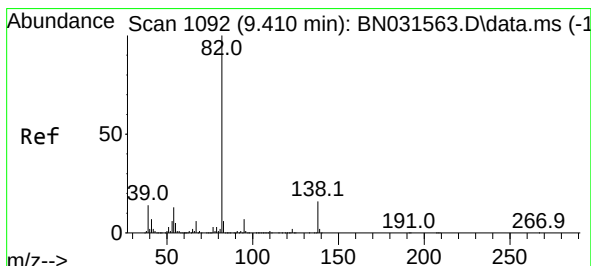
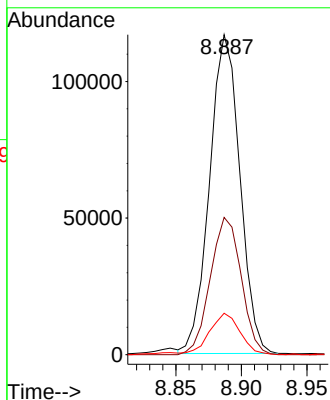
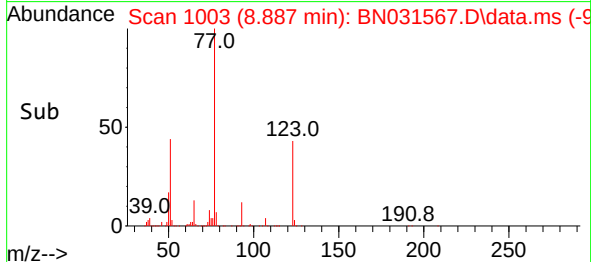
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 77 Resp: 187832
Ion Ratio Lower Upper
77 100
123 42.9 32.6 48.8
65 13.0 10.6 15.8

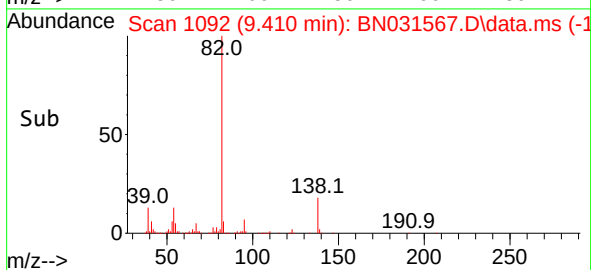
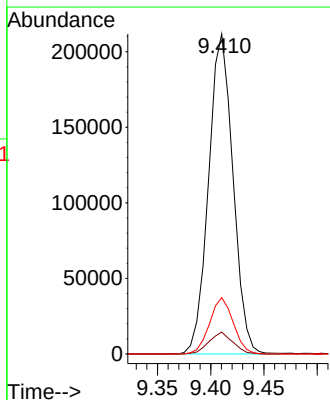
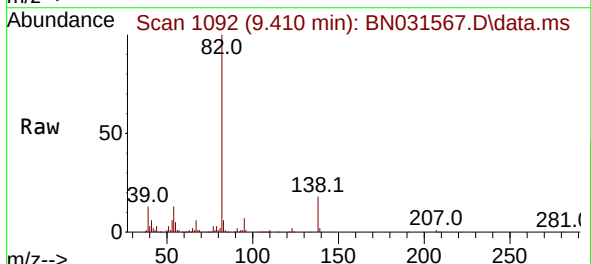
Manual Integrations
APPROVED

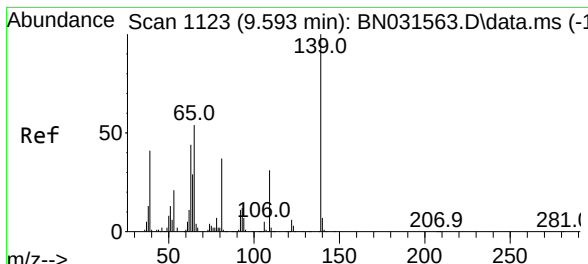
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#23
Isophorone
Concen: 4.646 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Tgt Ion: 82 Resp: 337285
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.6 12.5 18.7





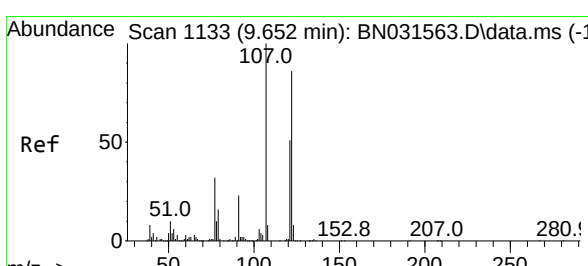
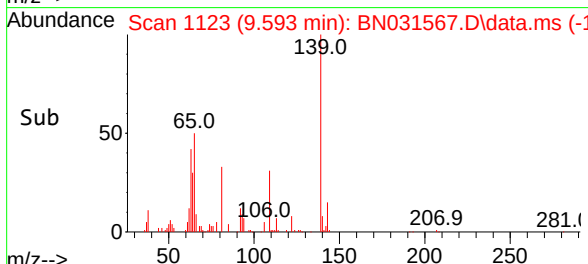
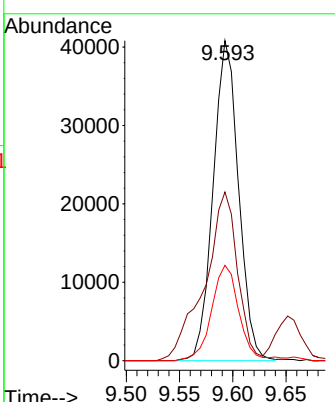
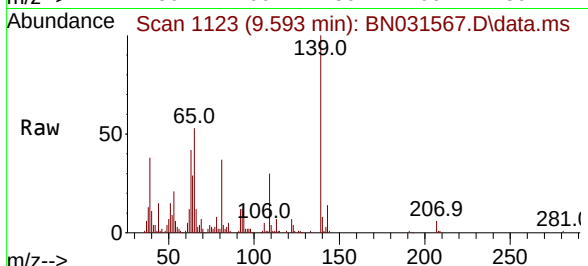
#25
 2-Nitrophenol
 Concen: 5.567 ng/ul
 RT: 9.593 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	139	Resp:	6769
Ion Ratio	Lower	Upper	
139	100		
65	52.7	44.2	66.2
109	29.8	24.9	37.3

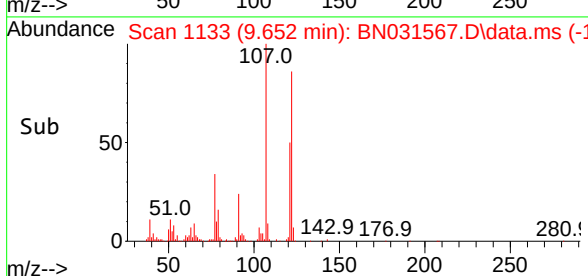
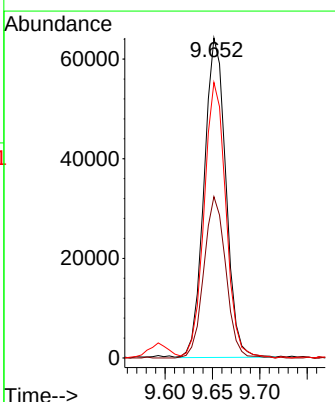
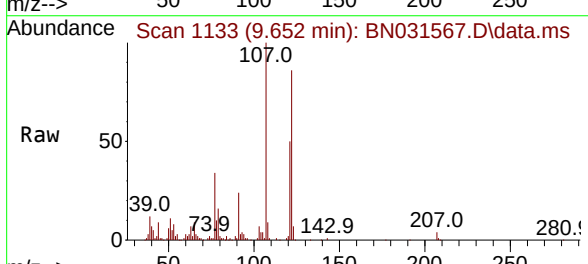
Manual Integrations
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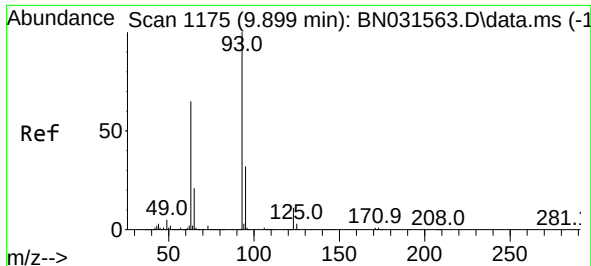
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#26
 2,4-Dimethylphenol
 Concen: 3.155 ng/ul
 RT: 9.652 min Scan# 1133
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

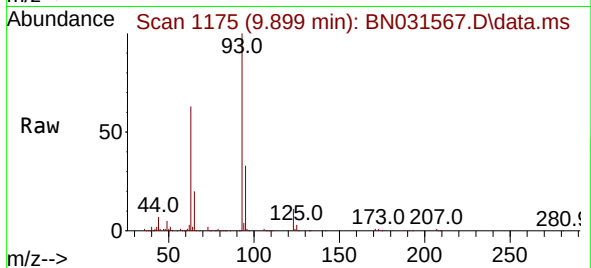
Tgt Ion:	107	Resp:	102898
Ion Ratio	Lower	Upper	
107	100		
121	50.4	41.0	61.4
122	86.1	70.2	105.4





#27
Bis(2-Chloroethoxy)methane
Concen: 4.930 ng/ul
RT: 9.899 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

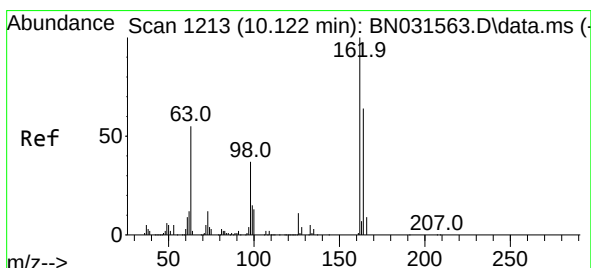
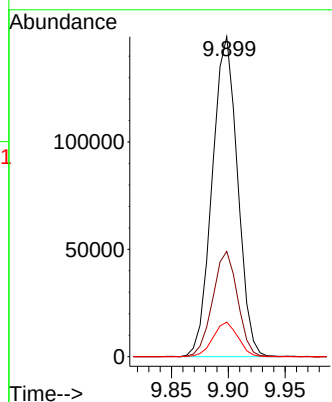
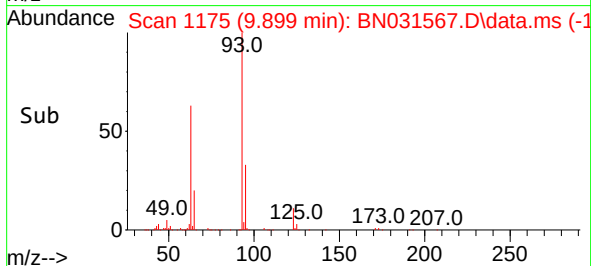
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 93 Resp: 23158
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 10.8 8.5 12.7

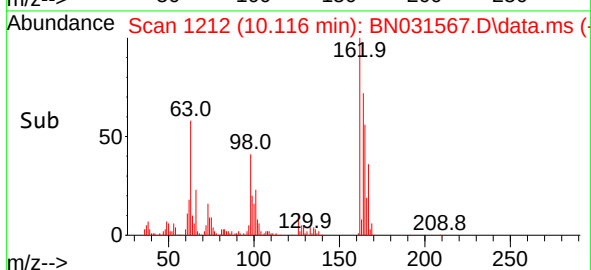
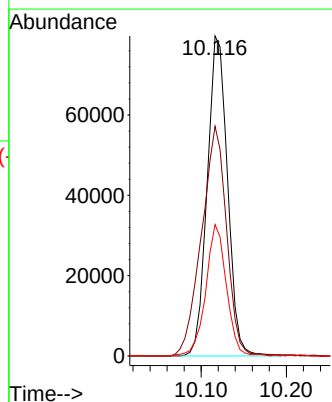
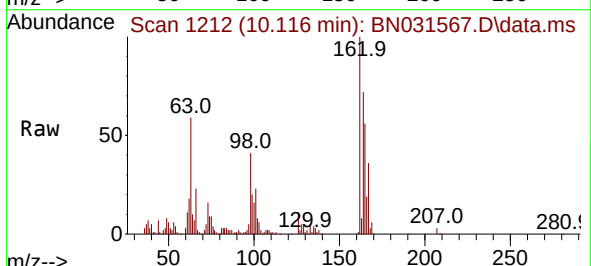
Manual Integrations
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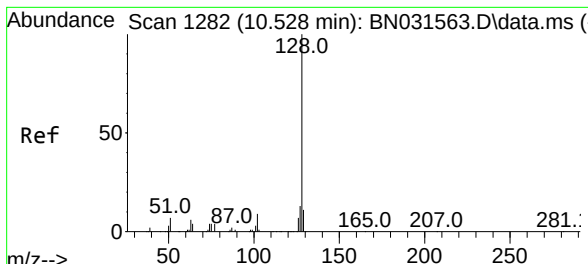
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#29
2,4-Dichlorophenol
Concen: 5.046 ng/ul
RT: 10.116 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Tgt Ion:162 Resp: 131750
Ion Ratio Lower Upper
162 100
164 71.7 50.9 76.3
98 41.0 31.3 46.9



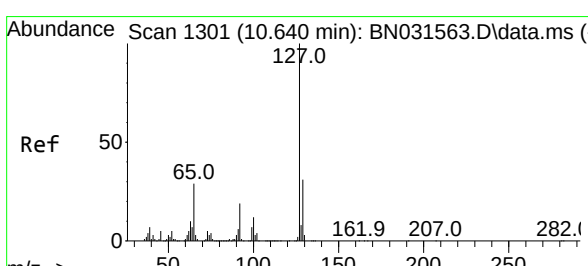
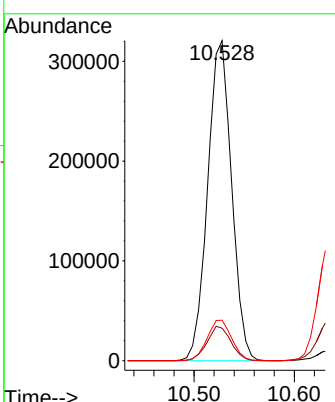
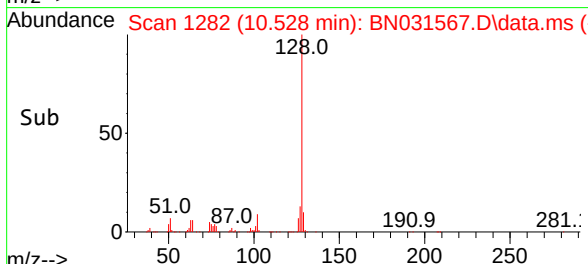
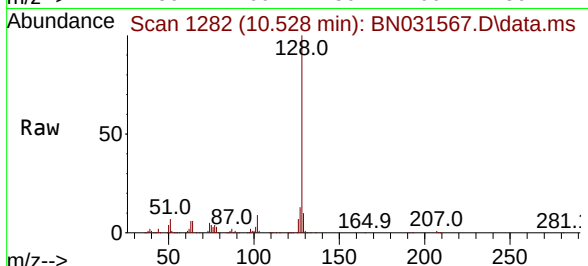


#30
Naphthalene
Concen: 4.901 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

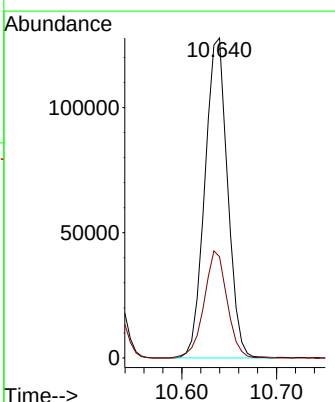
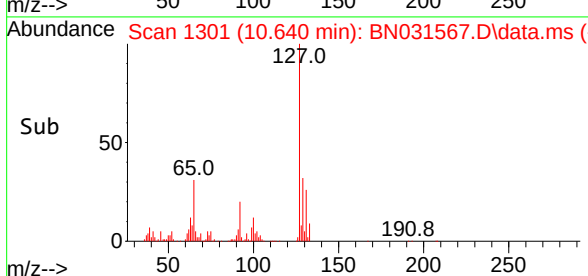
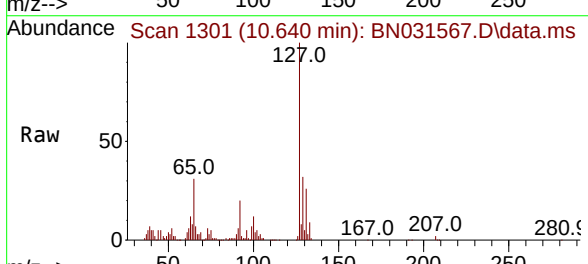
Tgt Ion:128	Resp: 53140
Ion Ratio	Lower Upper
128	100
129	10.2 8.7 13.1
127	12.7 10.6 15.8

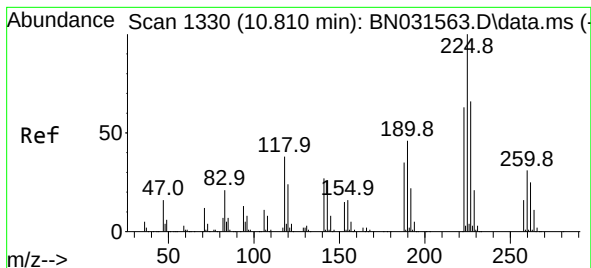
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#32
4-Chloroaniline
Concen: 4.732 ng/ul
RT: 10.640 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

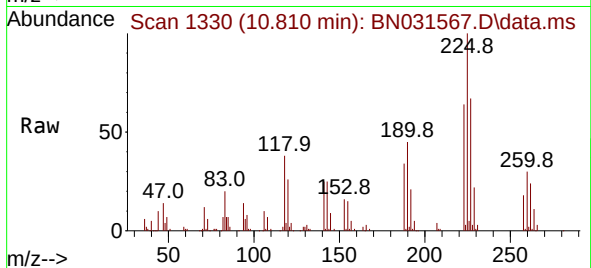
Tgt Ion:127	Resp: 213052
Ion Ratio	Lower Upper
127	100
129	31.7 25.8 38.8





#33
Hexachlorobutadiene
Concen: 4.793 ng/ul
RT: 10.810 min Scan# 111
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

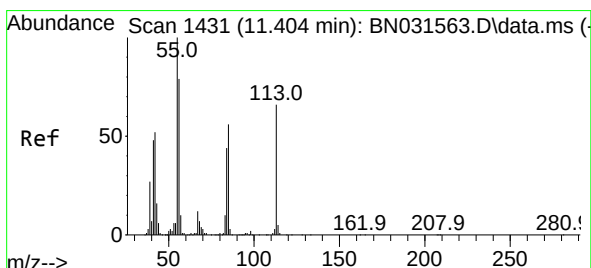
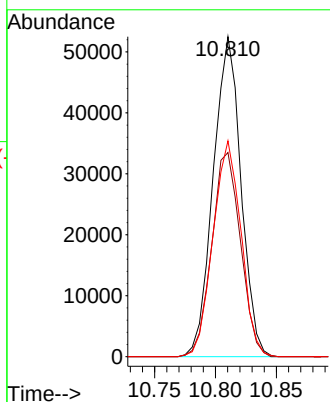
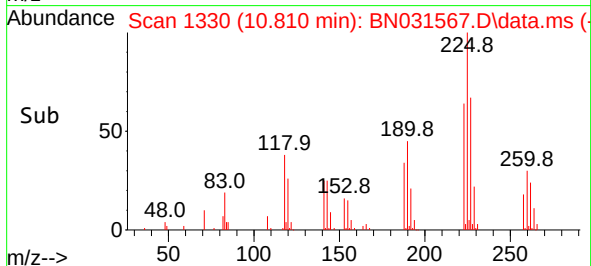
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



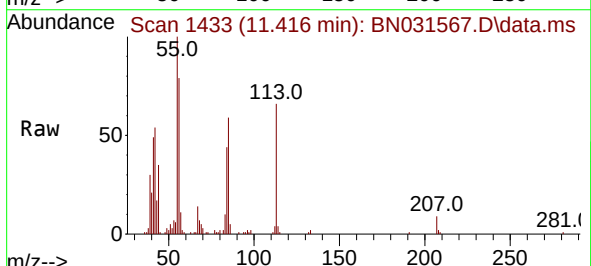
Tgt Ion:225 Resp: 8346
Ion Ratio Lower Upper
225 100
223 63.8 50.2 75.4
227 67.5 49.0 73.6

Manual Integrations
APPROVED

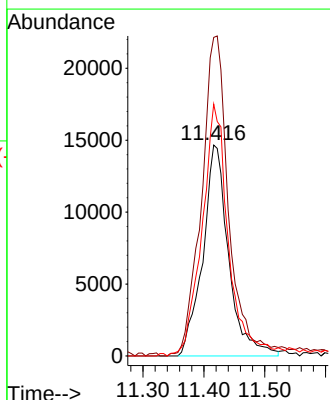
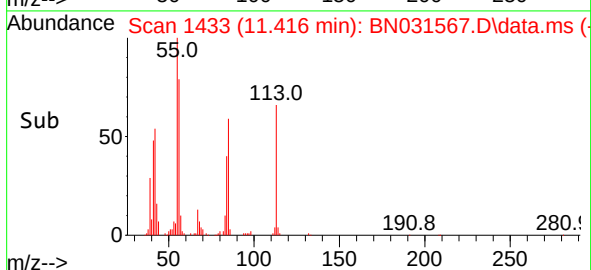
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

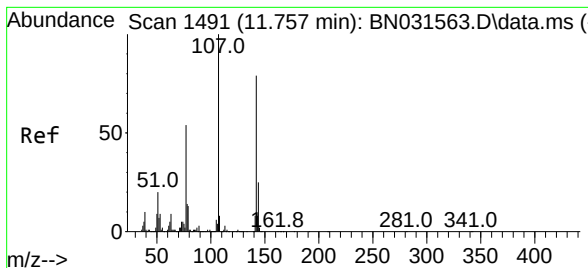


#34
Caprolactam
Concen: 4.386 ng/ul
RT: 11.416 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39



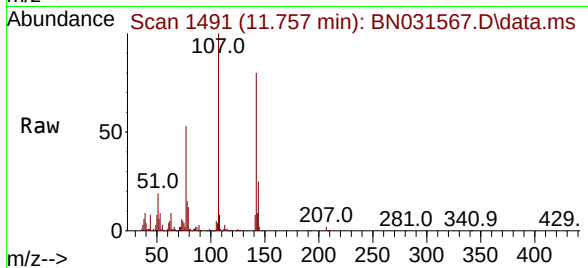
Tgt Ion:113 Resp: 43298
Ion Ratio Lower Upper
113 100
55 151.1 138.7 208.1
56 119.4 104.3 156.5





#35
4-Chloro-3-methylphenol
Concen: 4.650 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

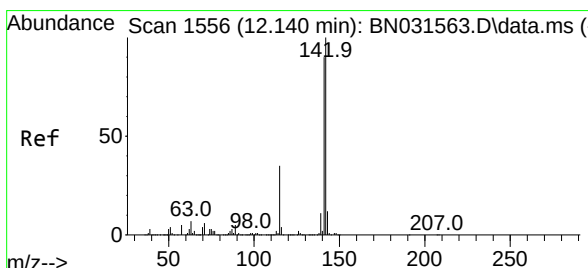
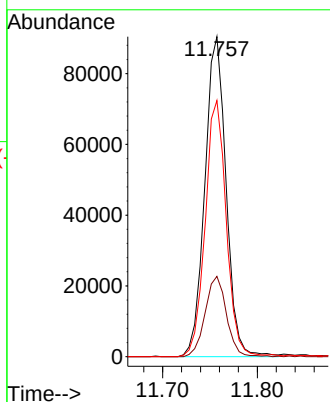
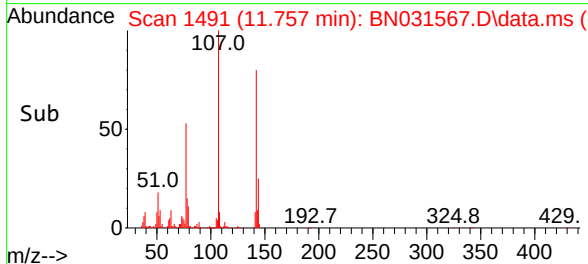
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:107 Resp: 140798
Ion Ratio Lower Upper
107 100
144 25.1 20.9 31.3
142 80.0 63.3 94.9

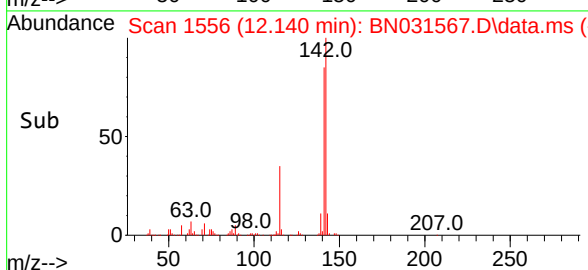
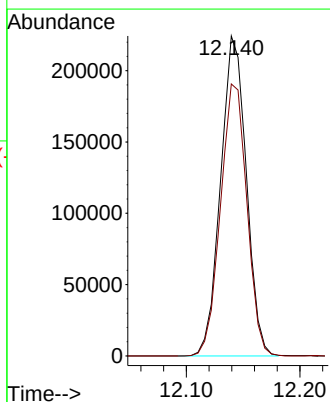
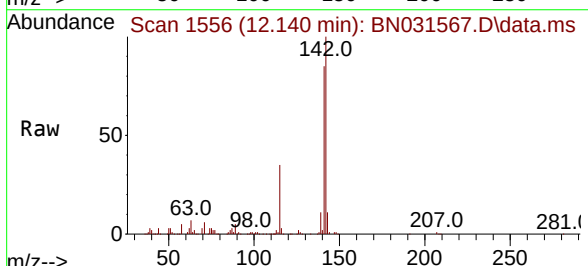
Manual Integrations
APPROVED

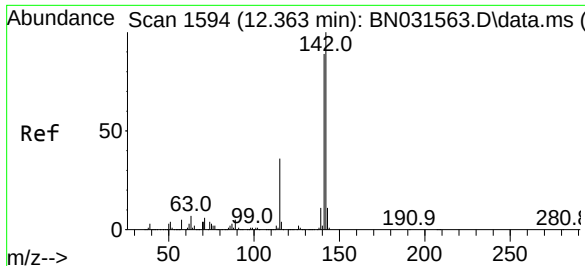
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#36
2-Methylnaphthalene
Concen: 5.001 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

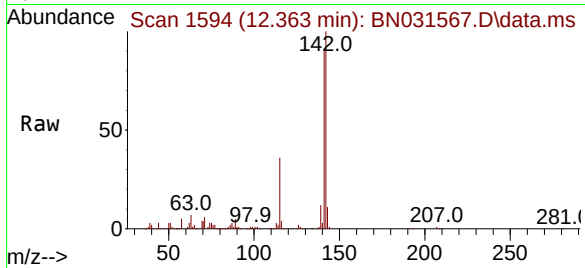
Tgt Ion:142 Resp: 352639
Ion Ratio Lower Upper
142 100
141 85.0 71.4 107.2





#37
1-Methylnaphthalene
Concen: 5.051 ng/ul
RT: 12.363 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

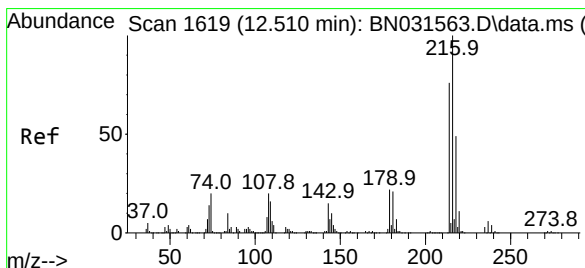
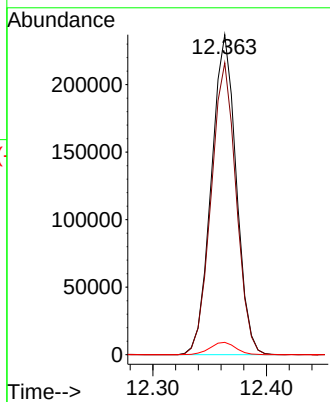
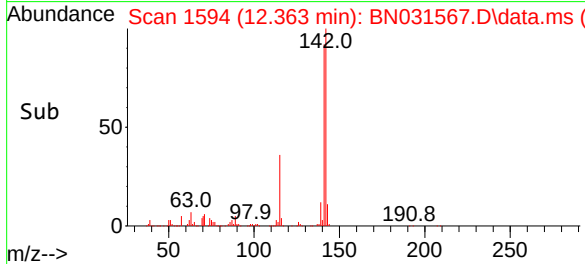
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:142 Resp: 36089
Ion Ratio Lower Upper
142 100
141 91.2 75.2 112.8
116 3.9 3.1 4.7

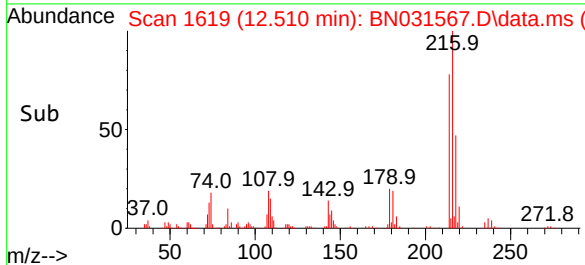
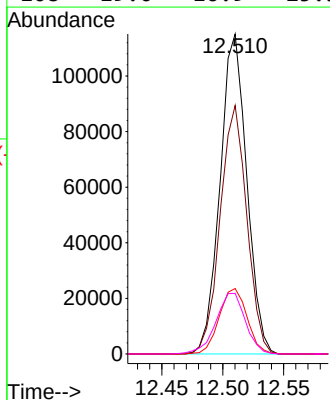
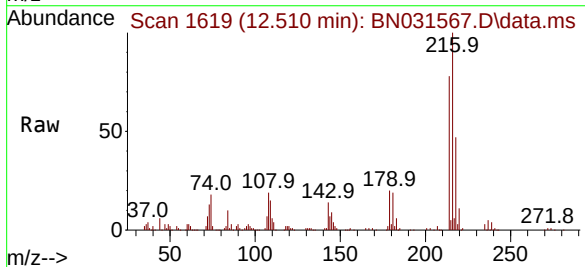
Manual Integrations
APPROVED

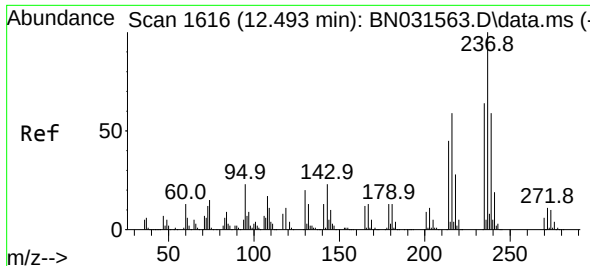
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.974 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

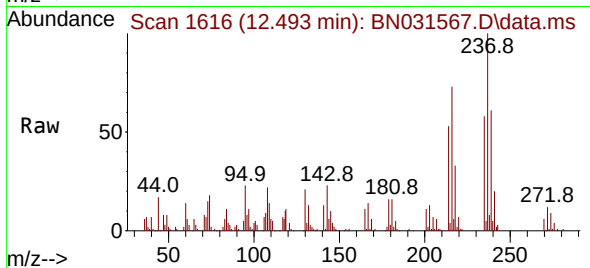
Tgt Ion:216 Resp: 175809
Ion Ratio Lower Upper
216 100
214 77.7 62.9 94.3
179 20.5 18.2 27.2
108 19.0 16.9 25.3





#40
Hexachlorocyclopentadiene
Concen: 3.480 ng/ul
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

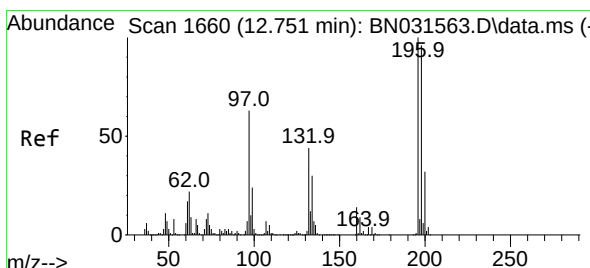
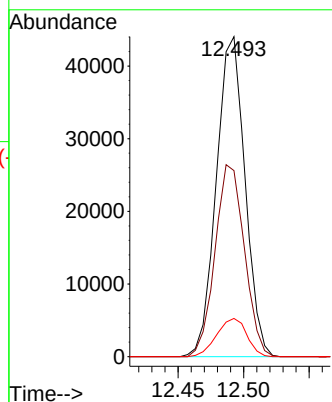
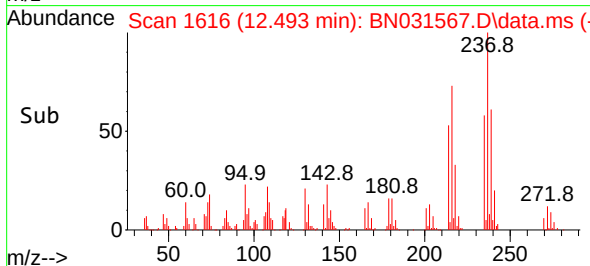
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:237 Resp: 66952
Ion Ratio Lower Upper
237 100
235 58.2 52.4 78.6
272 12.4 11.4 17.2

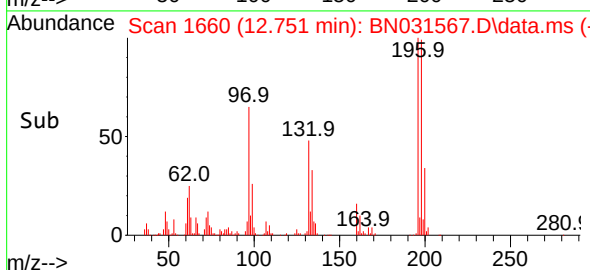
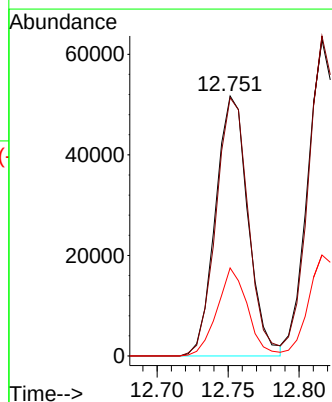
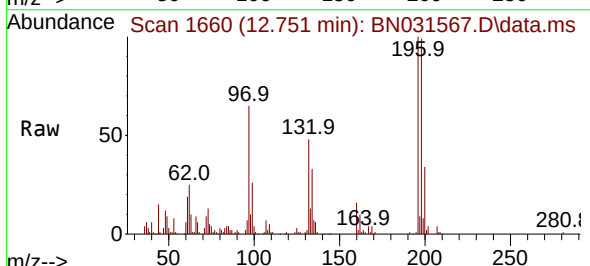
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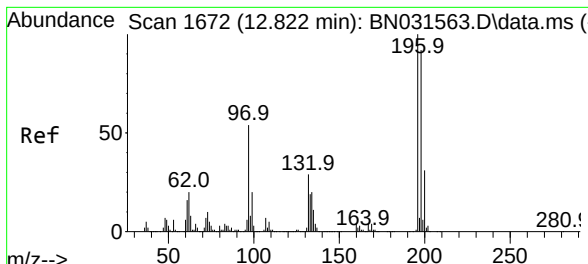
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#41
2,4,6-Trichlorophenol
Concen: 4.483 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

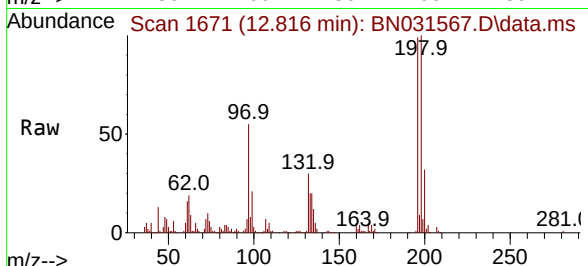
Tgt Ion:196 Resp: 82675
Ion Ratio Lower Upper
196 100
198 99.3 75.8 113.8
200 33.8 23.4 35.0





#42
 2,4,5-Trichlorophenol
 Concen: 4.723 ng/ul
 RT: 12.816 min Scan# 1671
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

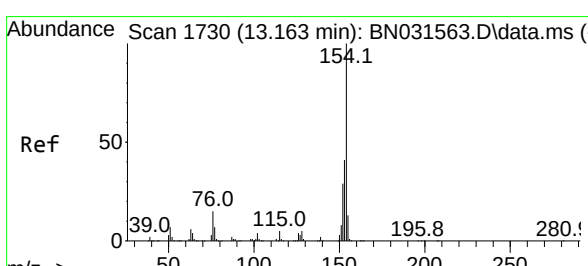
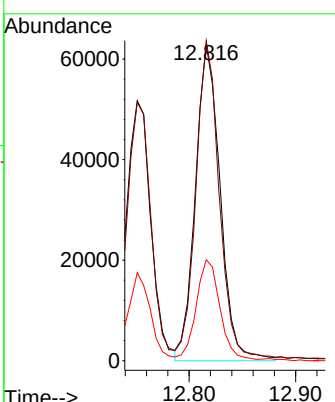
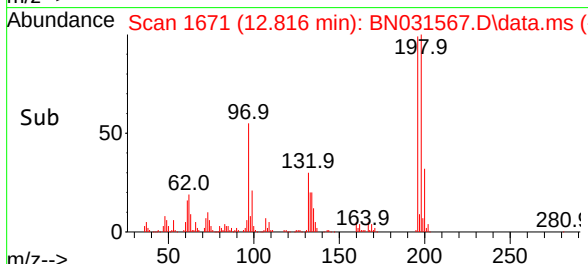
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



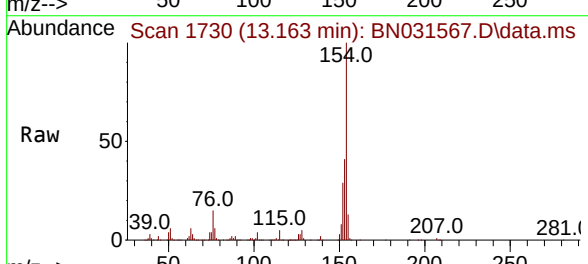
Tgt Ion:196 Resp: 101828

Ion	Ratio	Lower	Upper
196	100		
198	101.2	75.8	113.8
200	31.9	23.2	34.8

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 Supervised By :mohammad ahmed 05/22/2024

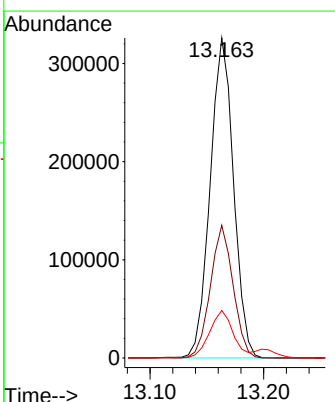
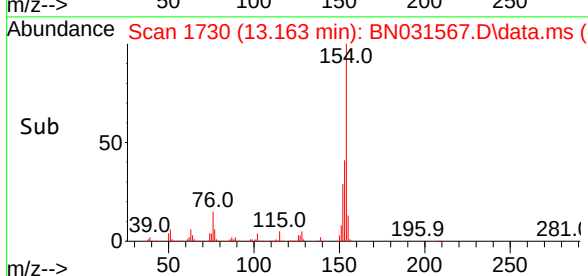


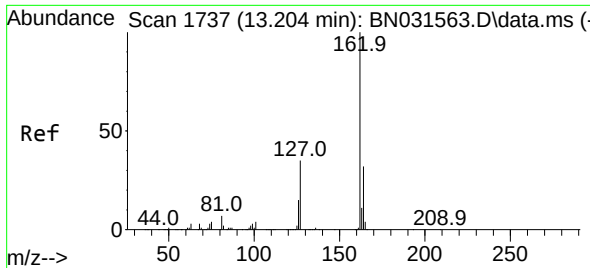
#43
 1,1'-Biphenyl
 Concen: 4.913 ng/ul
 RT: 13.163 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39



Tgt Ion:154 Resp: 466376

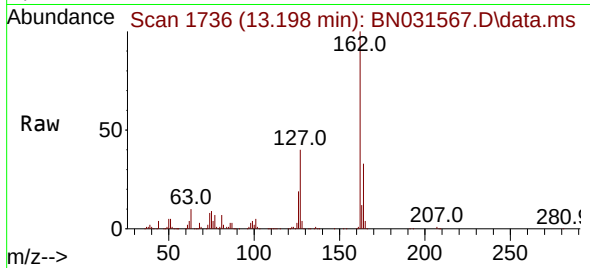
Ion	Ratio	Lower	Upper
154	100		
153	41.5	31.8	47.8
76	14.8	11.9	17.9





#44
2-Chloronaphthalene
Concen: 4.903 ng/ul
RT: 13.198 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

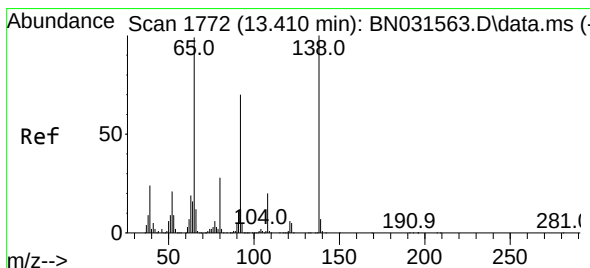
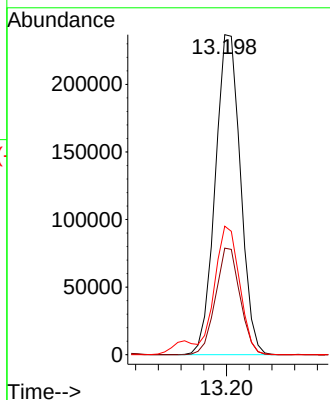
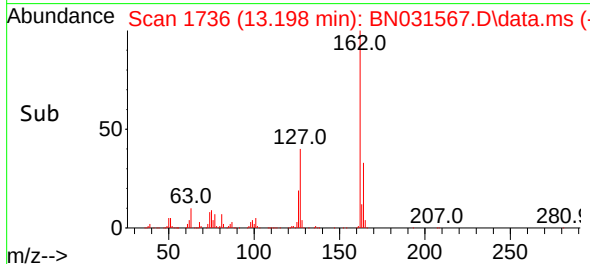
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:162 Resp: 36541
Ion Ratio Lower Upper
162 100
164 33.3 24.7 37.1
127 40.2 30.5 45.7

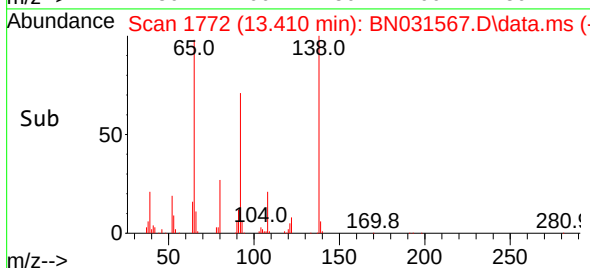
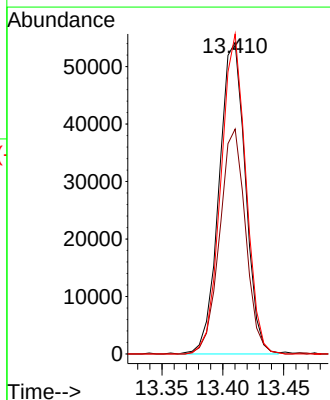
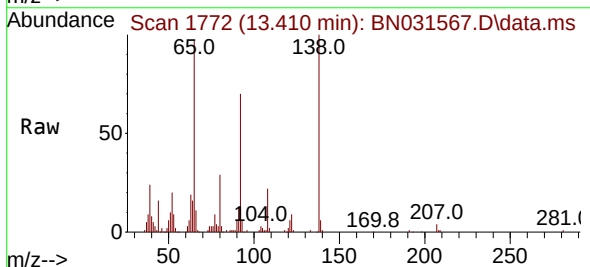
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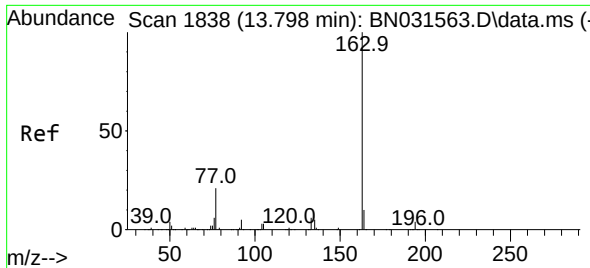
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#45
2-Nitroaniline
Concen: 4.245 ng/ul
RT: 13.410 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

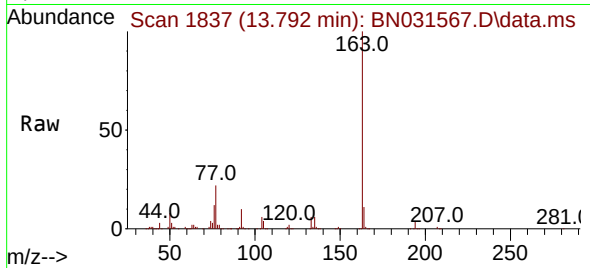
Tgt Ion: 65 Resp: 81415
Ion Ratio Lower Upper
65 100
92 72.2 56.1 84.1
138 102.7 76.2 114.2





#47
Dimethylphthalate
Concen: 4.963 ng/ul
RT: 13.792 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

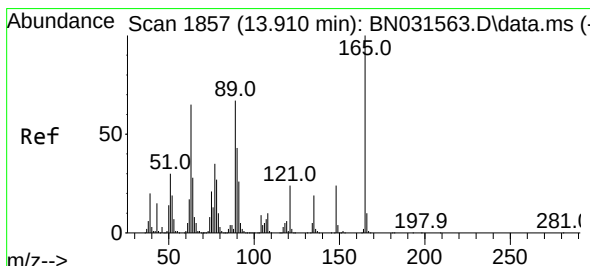
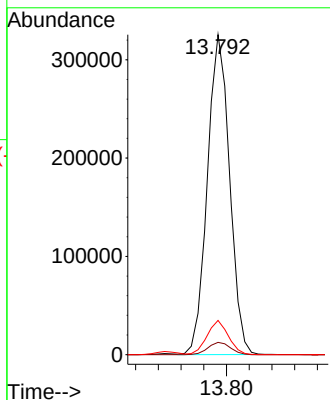
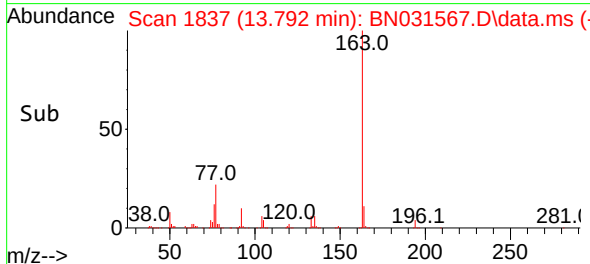
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:163 Resp: 44273
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.7 8.3 12.5

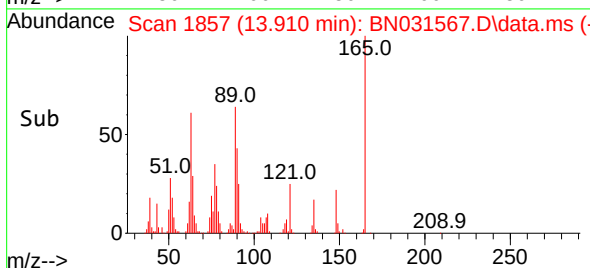
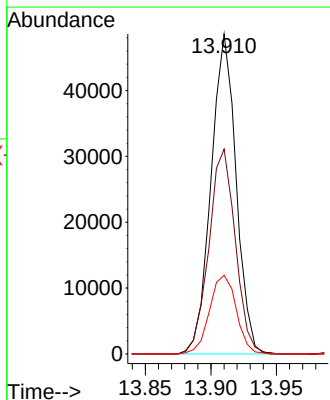
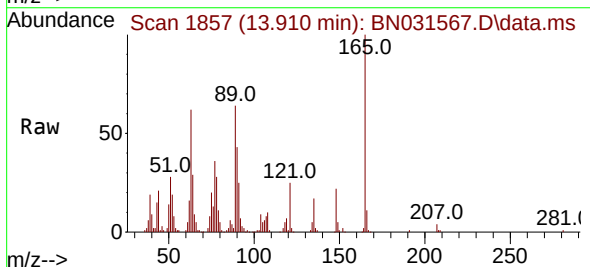
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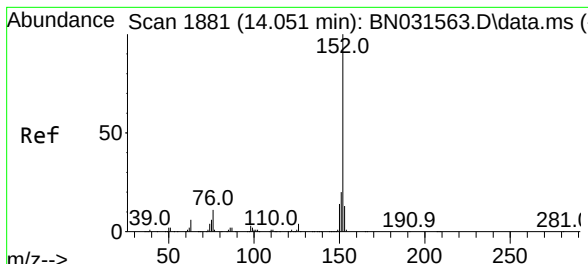
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#48
2,6-Dinitrotoluene
Concen: 4.252 ng/ul
RT: 13.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

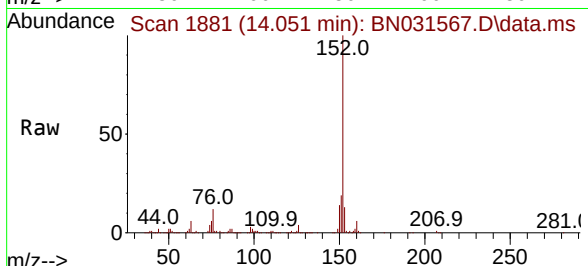
Tgt Ion:165 Resp: 64619
Ion Ratio Lower Upper
165 100
89 64.0 50.6 76.0
121 24.6 18.4 27.6





#50
 Acenaphthylene
 Concen: 4.929 ng/ul
 RT: 14.051 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

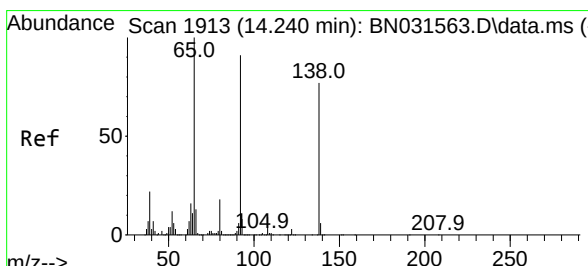
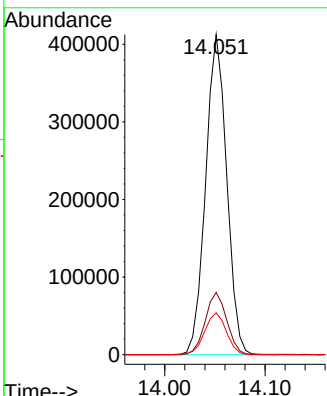
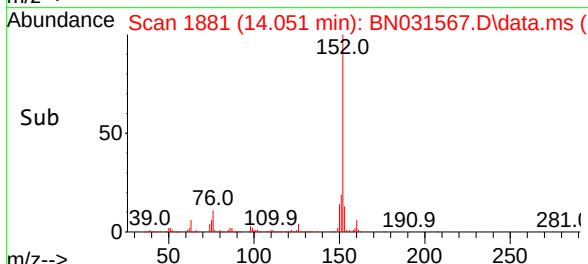


Tgt Ion:152 Resp: 602574

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.3	15.5

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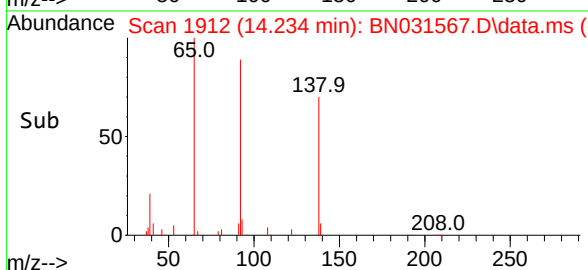
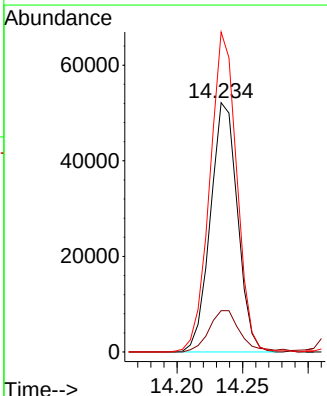
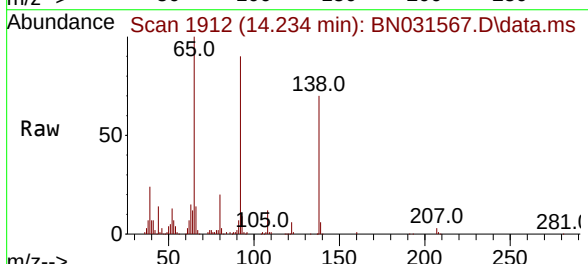
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

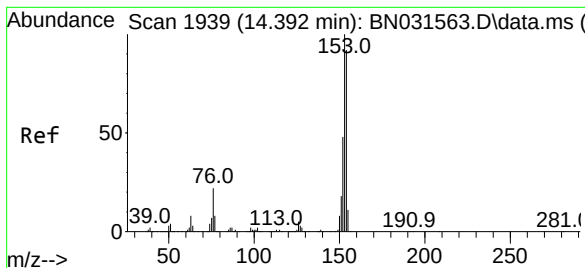


#51
 3-Nitroaniline
 Concen: 4.219 ng/ul
 RT: 14.234 min Scan# 1912
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

Tgt Ion:138 Resp: 75099

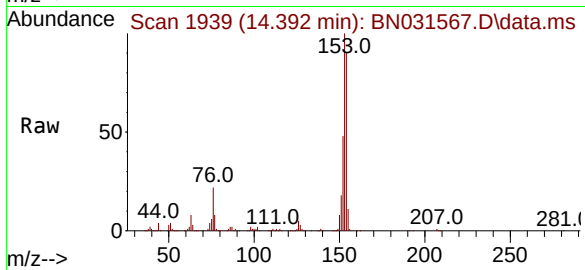
Ion	Ratio	Lower	Upper
138	100		
108	16.6	12.0	18.0
92	128.4	99.8	149.8





#52
Acenaphthene
Concen: 4.863 ng/ul
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

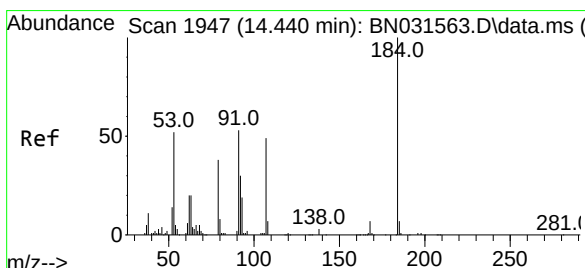
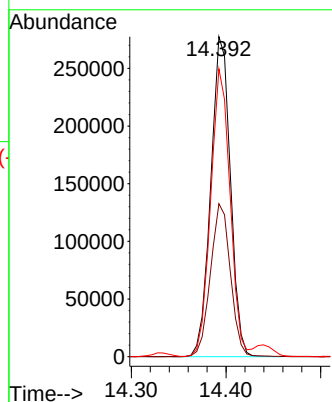
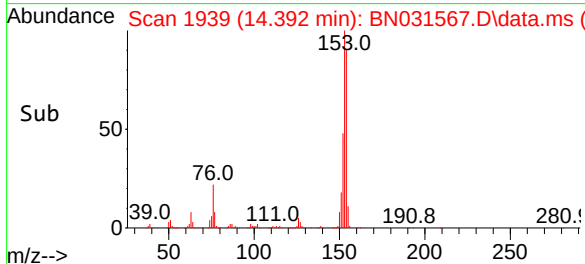
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



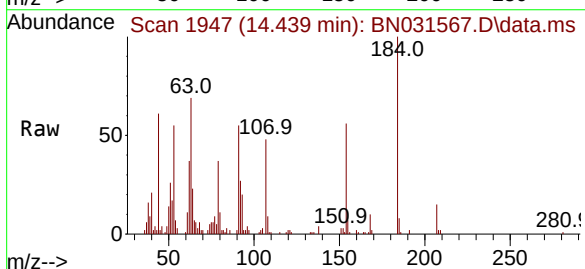
Tgt Ion:153 Resp: 398611
Ion Ratio Lower Upper
153 100
152 47.8 38.9 58.3
154 90.0 69.5 104.3

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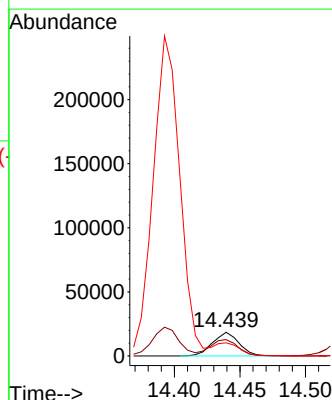
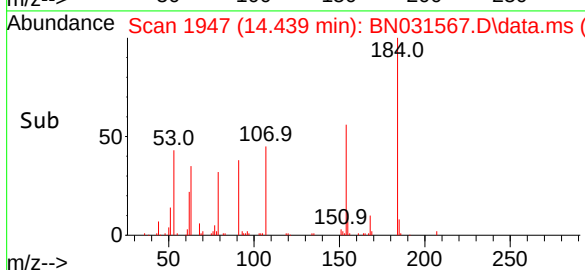
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

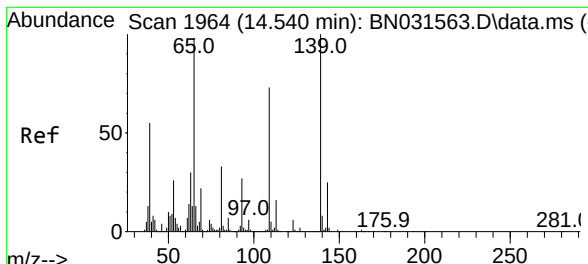


#53
2,4-Dinitrophenol
Concen: 3.978 ng/ul
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39



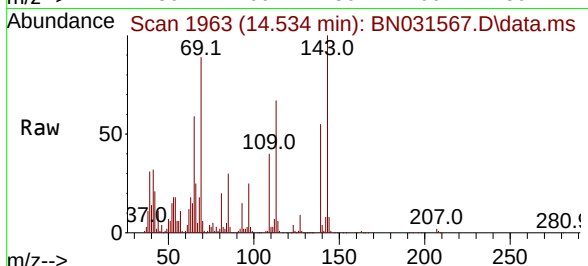
Tgt Ion:184 Resp: 25748
Ion Ratio Lower Upper
184 100
63 68.9 55.0 82.4
154 55.5 51.9 77.9





#55
 4-Nitrophenol
 Concen: 4.956 ng/ul
 RT: 14.534 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

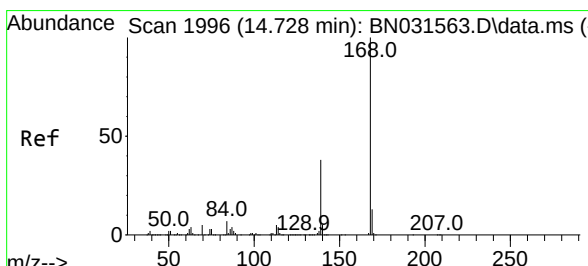
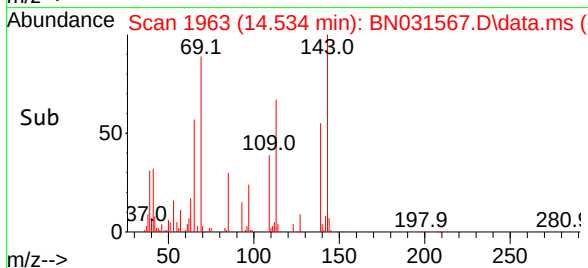
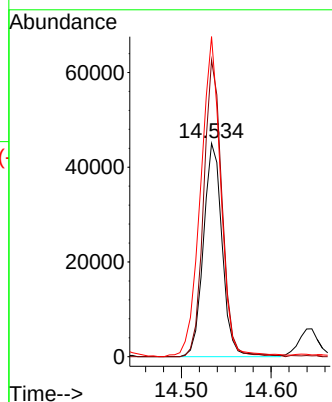
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:	109	Resp:	6531
Ion	Ratio	Lower	Upper
109	100		
139	139.1	104.0	156.0
65	150.0	110.2	165.2

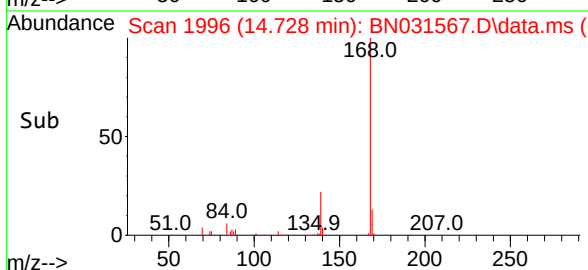
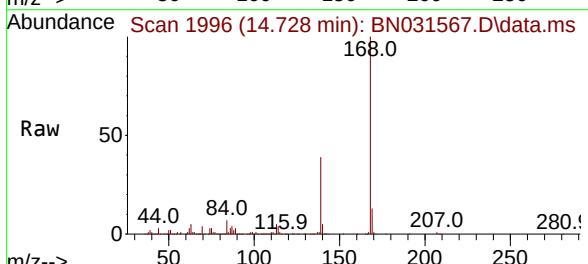
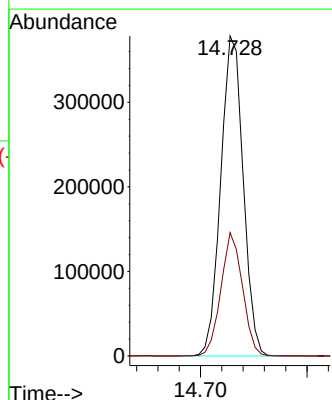
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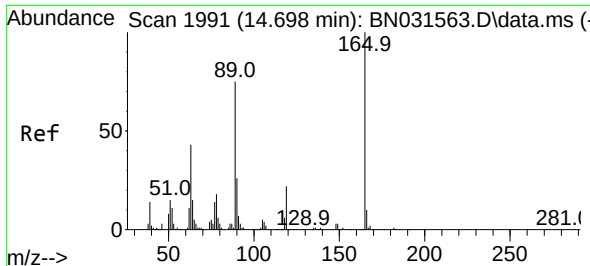
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#56
 Dibenzofuran
 Concen: 4.987 ng/ul
 RT: 14.728 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

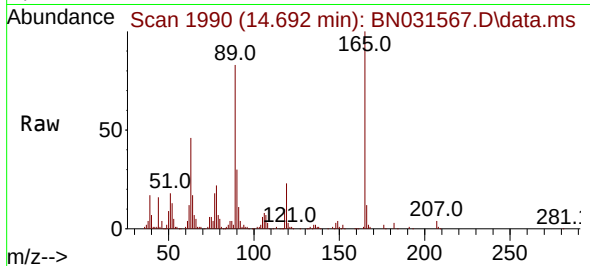
Tgt Ion:	168	Resp:	553892
Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.9	46.3





#57
2,4-Dinitrotoluene
Concen: 4.474 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

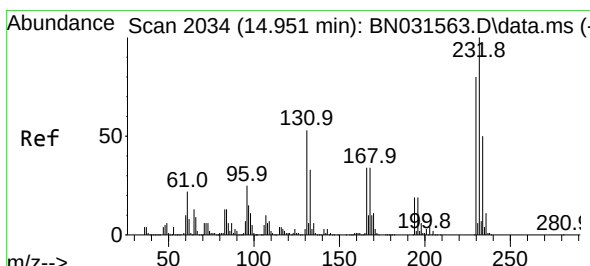
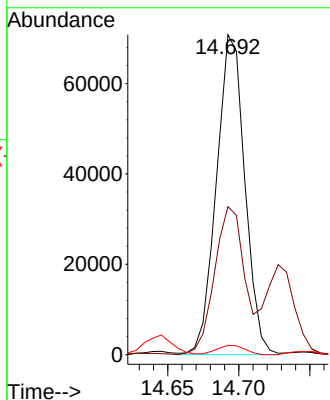
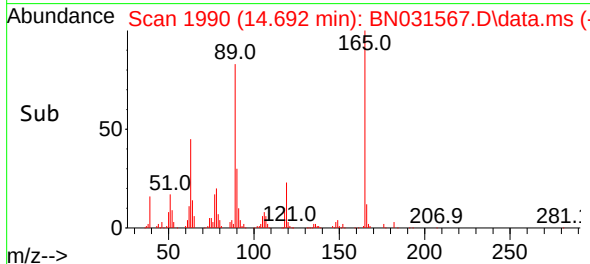
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:165 Resp: 9842
Ion Ratio Lower Upper
165 100
63 46.3 39.1 58.7
182 2.9 2.5 3.7

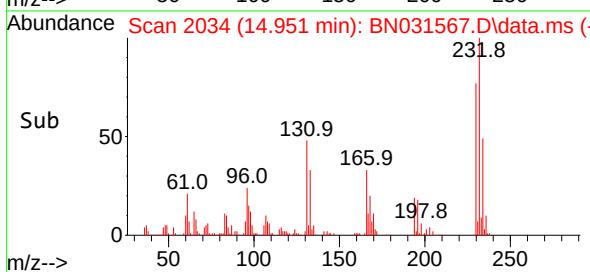
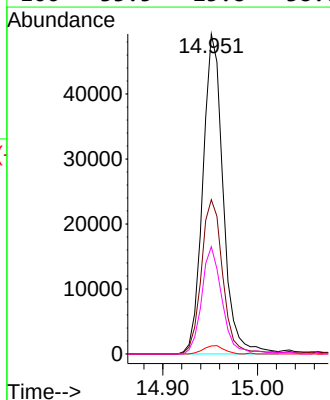
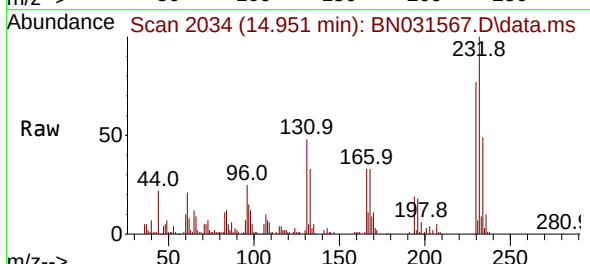
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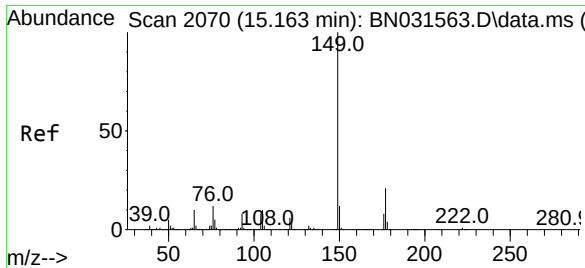
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.716 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

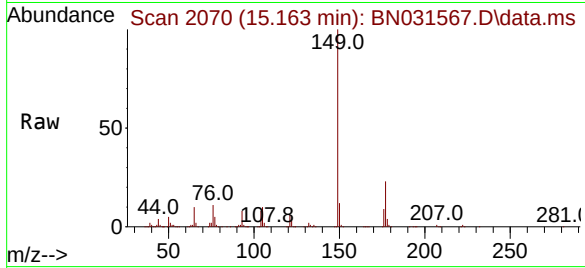
Tgt Ion:232 Resp: 73654
Ion Ratio Lower Upper
232 100
131 48.2 38.8 58.2
130 2.5 2.0 3.0
166 33.5 25.8 38.6





#59
Diethylphthalate
Concen: 4.709 ng/ul
RT: 15.163 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

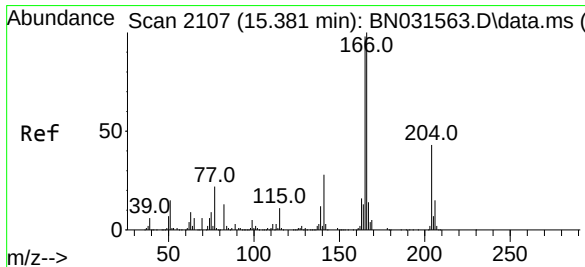
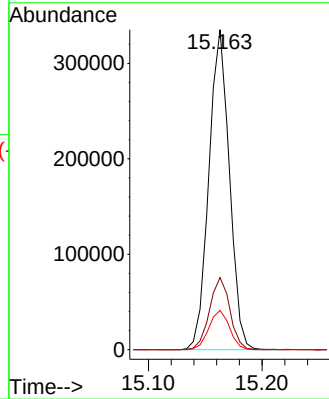
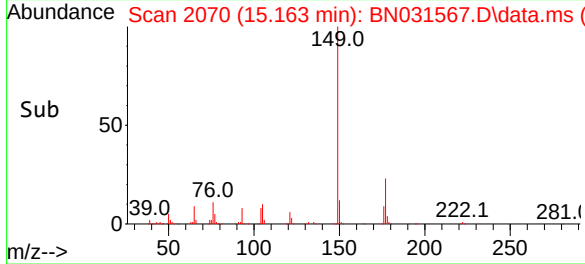
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:149 Resp: 421024
Ion Ratio Lower Upper
149 100
177 22.5 16.9 25.3
150 12.3 9.8 14.8

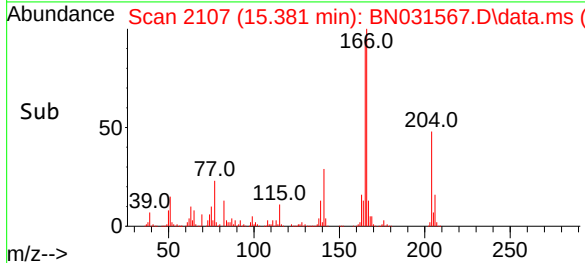
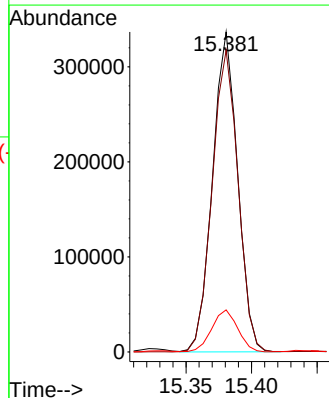
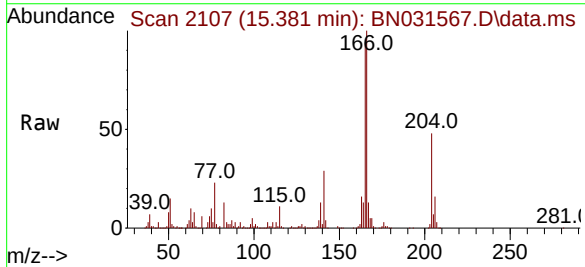
Manual Integrations
APPROVED

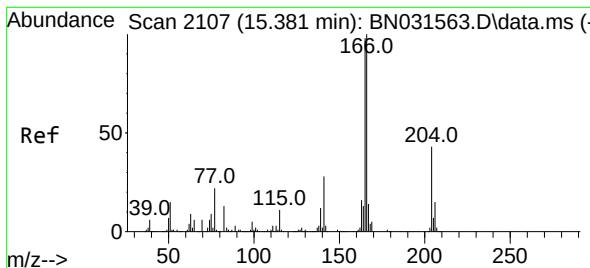
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#61
Fluorene
Concen: 4.920 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

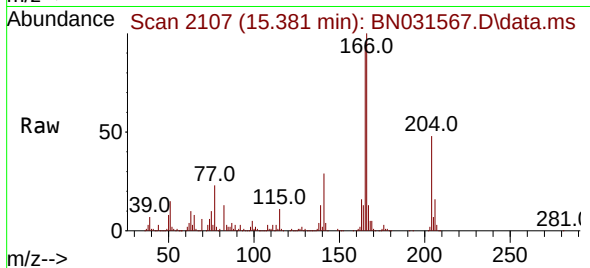
Tgt Ion:166 Resp: 448512
Ion Ratio Lower Upper
166 100
165 94.3 77.9 116.9
167 13.1 10.6 15.8





#62
4-Chlorophenyl-phenylether
Concen: 4.994 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

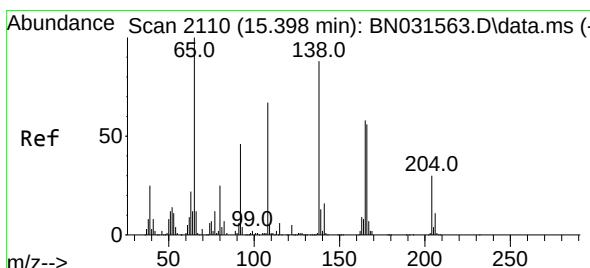
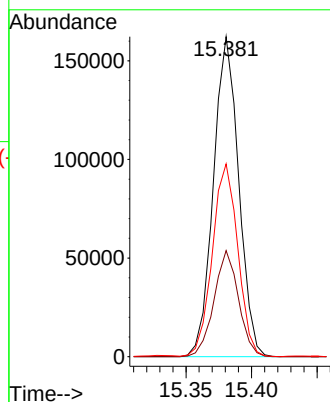
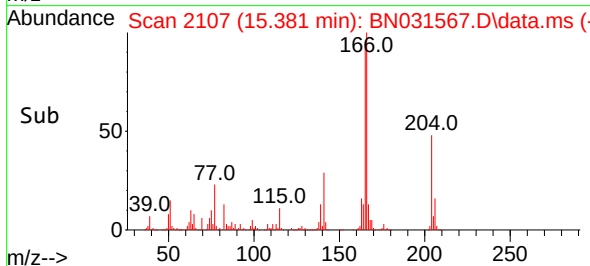
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:204 Resp: 21725
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 60.2 50.3 75.5

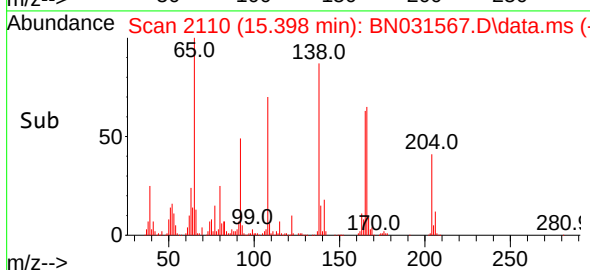
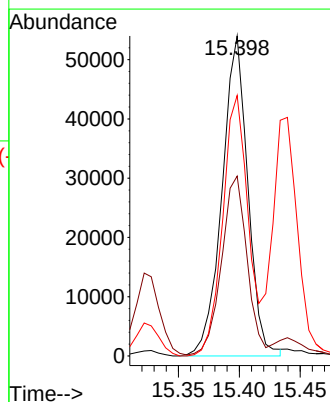
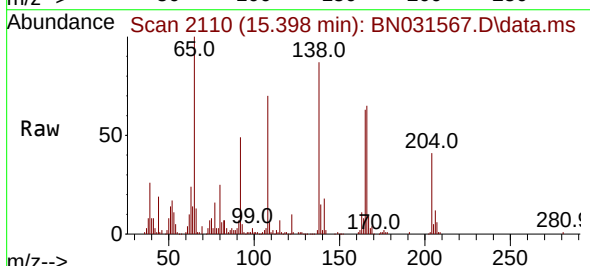
Manual Integrations
APPROVED

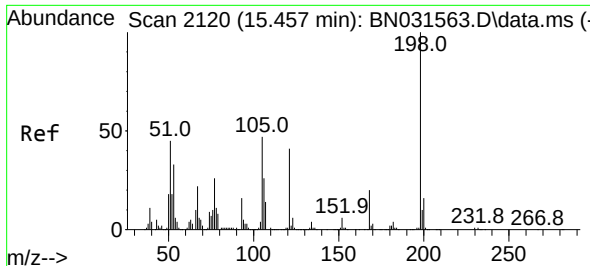
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#63
4-Nitroaniline
Concen: 4.433 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

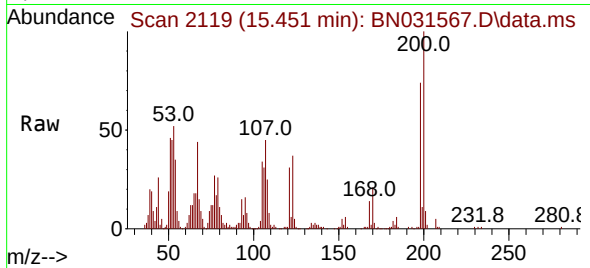
Tgt Ion:138 Resp: 79559
Ion Ratio Lower Upper
138 100
92 56.2 43.8 65.8
108 81.4 65.0 97.4





#66
4,6-Dinitro-2-methylphenol
Concen: 4.620 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

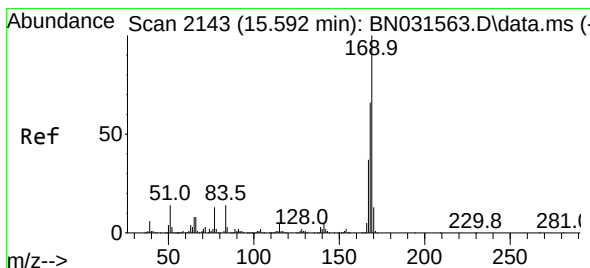
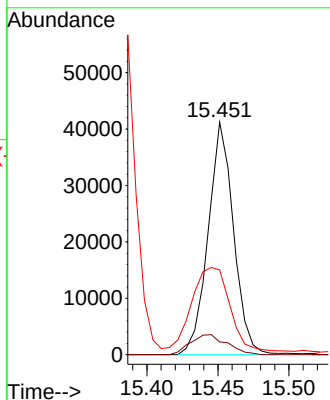
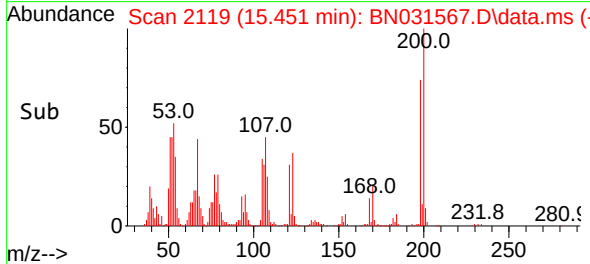
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:198 Resp: 51349
Ion Ratio Lower Upper
198 100
182 5.5 3.8 5.8
77 36.5 24.5 36.7

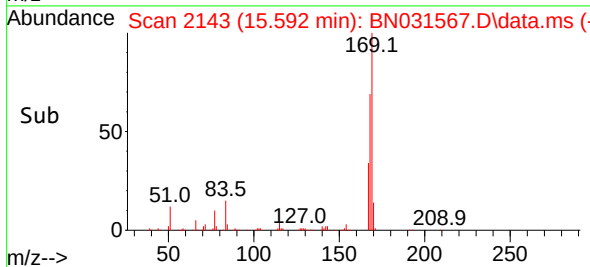
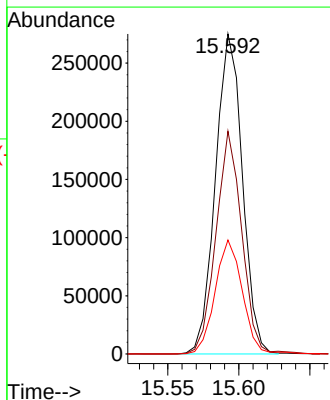
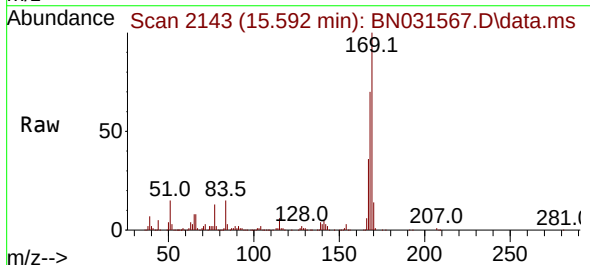
Manual Integrations
APPROVED

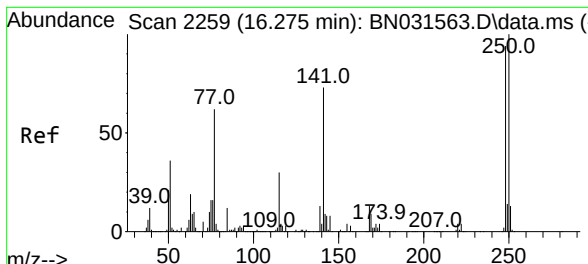
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#67
N-Nitrosodiphenylamine
Concen: 4.770 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

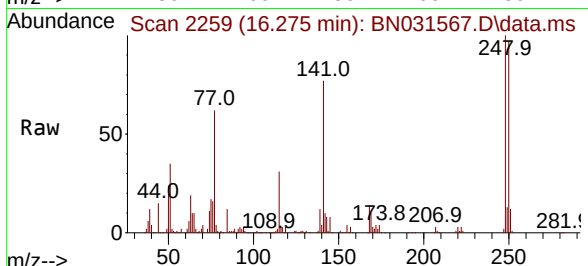
Tgt Ion:169 Resp: 362974
Ion Ratio Lower Upper
169 100
168 69.6 50.3 75.5
167 35.6 29.8 44.6





#68
 4-Bromophenyl-phenylether
 Concen: 4.780 ng/ul
 RT: 16.275 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

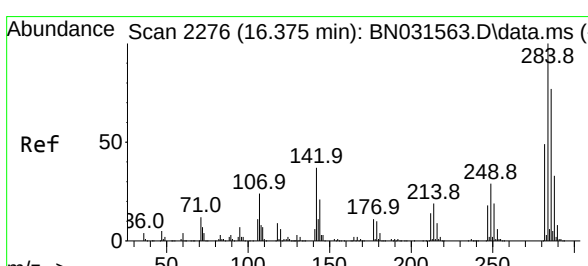
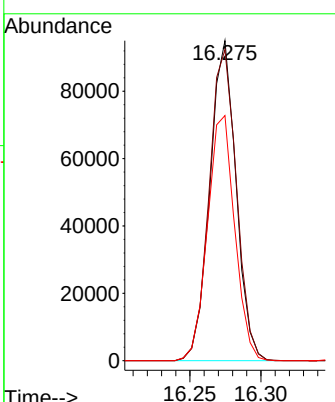
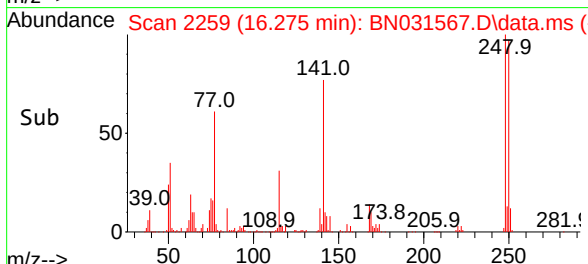
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



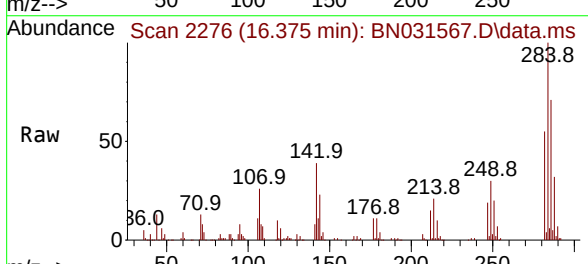
Tgt Ion:	248	Resp:	12185
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.6	118.0
141	76.6	60.0	90.0

Manual Integrations
 APPROVED

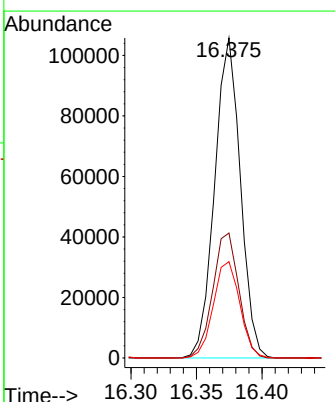
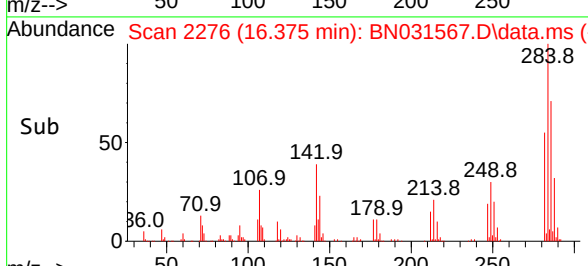
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

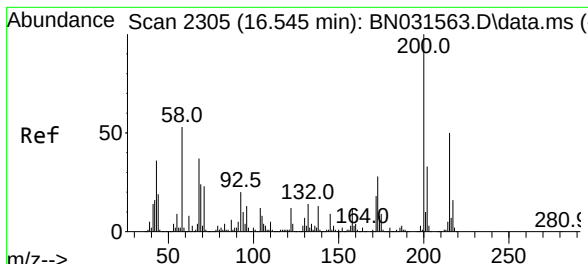


#69
 Hexachlorobenzene
 Concen: 4.851 ng/ul
 RT: 16.375 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39



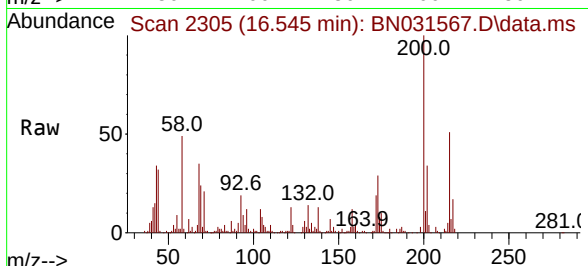
Tgt Ion:	284	Resp:	144216
Ion Ratio	Lower	Upper	
284	100		
142	39.1	31.8	47.8
249	30.1	24.1	36.1





#70
Atrazine
Concen: 5.259 ng/ul
RT: 16.545 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

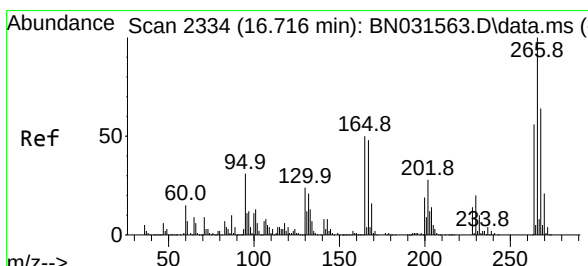
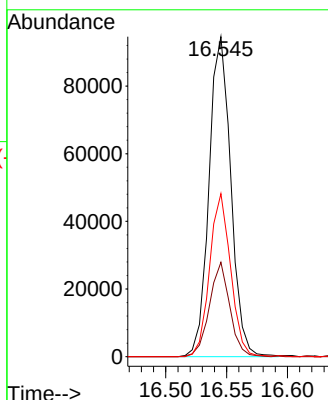
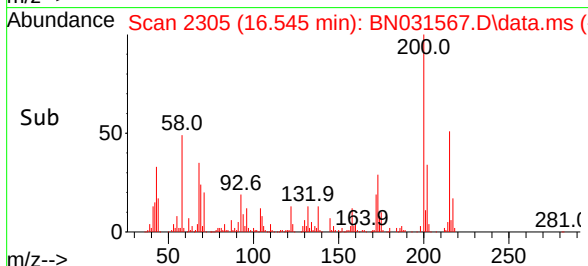
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:200 Resp: 11796
Ion Ratio Lower Upper
200 100
173 29.5 21.2 31.8
215 51.0 40.0 60.0

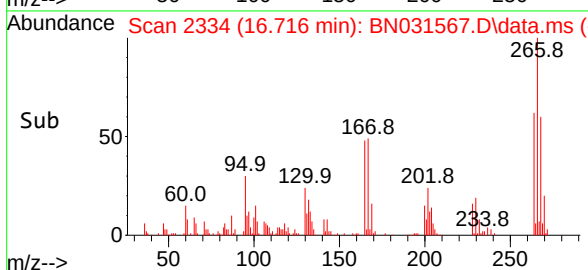
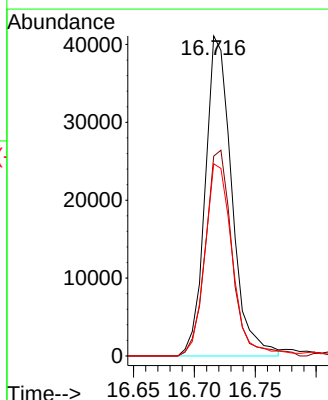
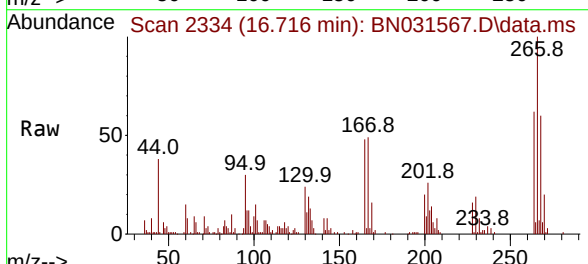
Manual Integrations
APPROVED

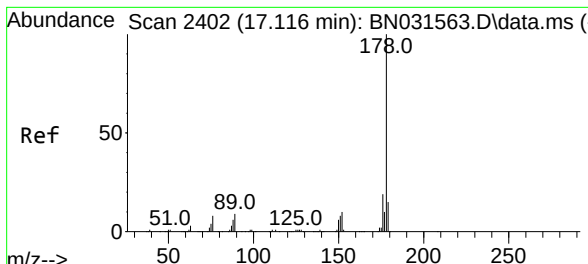
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#71
Pentachlorophenol
Concen: 4.146 ng/ul
RT: 16.716 min Scan# 2334
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Tgt Ion:266 Resp: 62504
Ion Ratio Lower Upper
266 100
264 62.4 56.7 85.1
268 60.1 53.0 79.4



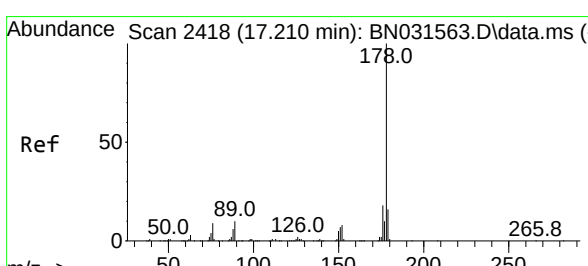
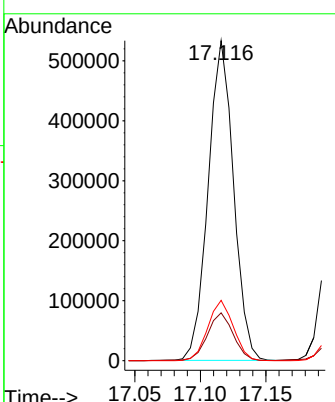
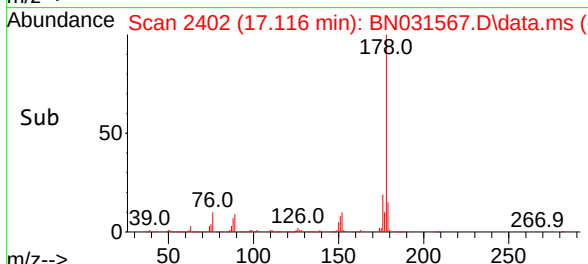
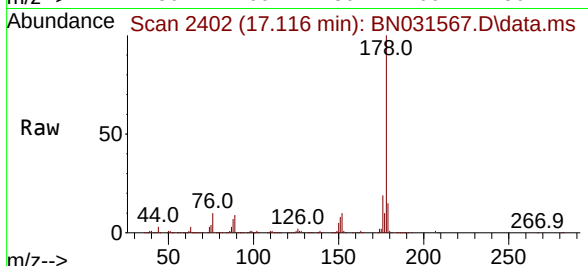


#72
 Phenanthrene
 Concen: 4.875 ng/ul
 RT: 17.116 min Scan# 2402
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

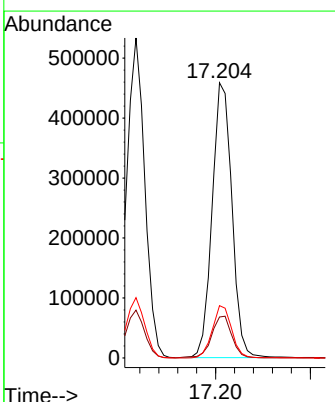
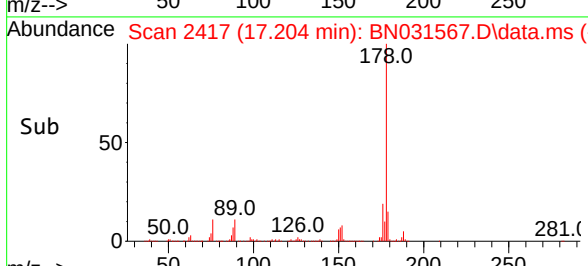
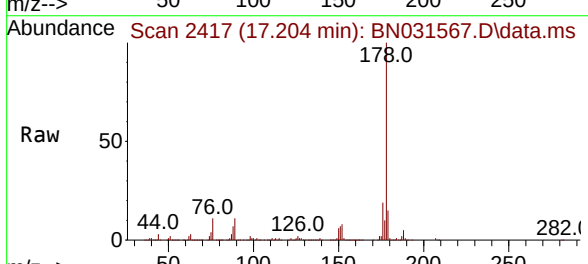
Tgt Ion:178	Resp: 716629
Ion Ratio	Lower Upper
178	100
179	15.0 12.1 18.1
176	18.9 15.9 23.9

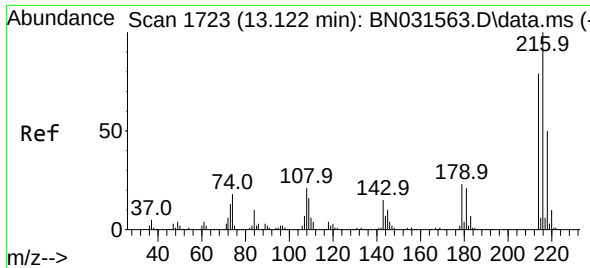
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#74
 Anthracene
 Concen: 4.472 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.012 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

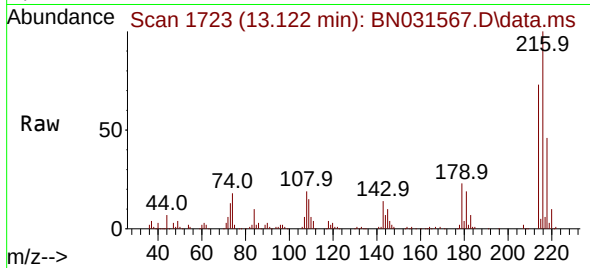
Tgt Ion:178	Resp: 662946
Ion Ratio	Lower Upper
178	100
179	14.9 12.2 18.2
176	19.0 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.708 ng/uL
RT: 13.122 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

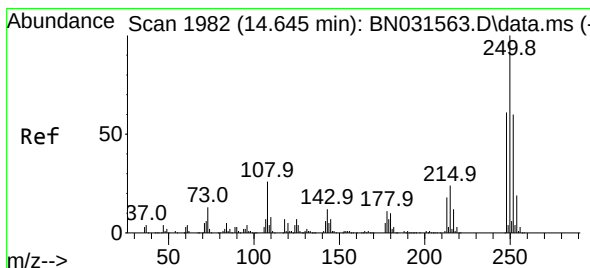
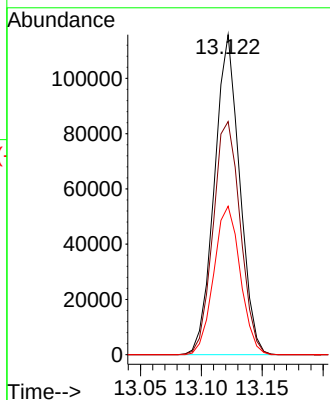
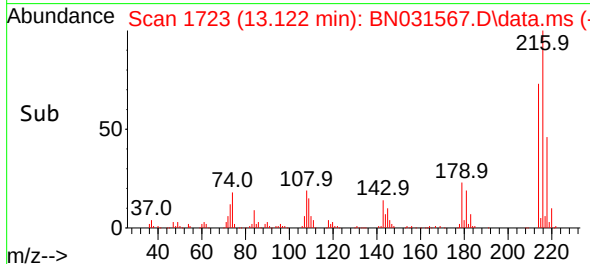
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



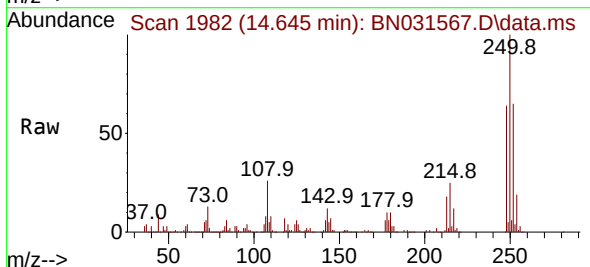
Tgt Ion:216 Resp: 167072
Ion Ratio Lower Upper
216 100
214 72.9 58.9 88.3
218 46.4 38.3 57.5

Manual Integrations
APPROVED

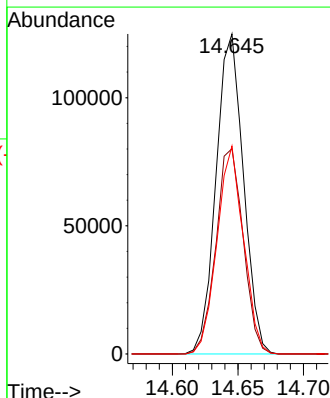
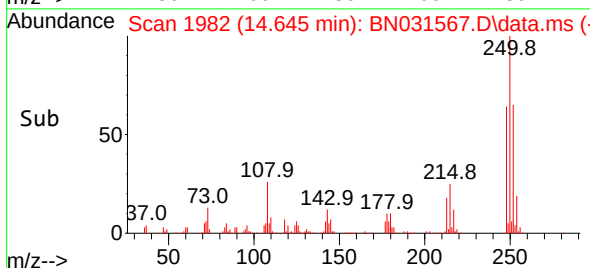
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

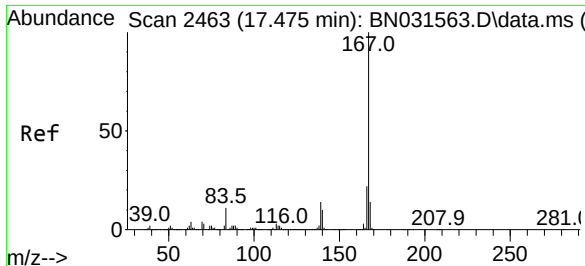


#76
Pentachlorobenzene
Concen: 5.277 ng/uL
RT: 14.645 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39



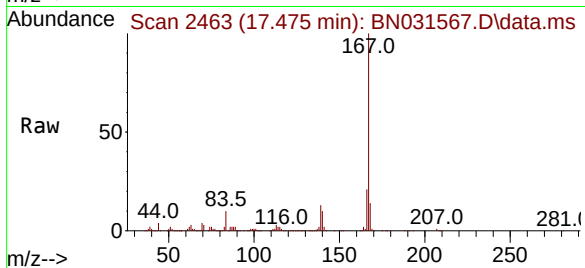
Tgt Ion:250 Resp: 181306
Ion Ratio Lower Upper
250 100
248 64.1 52.0 78.0
252 65.0 53.7 80.5





#77
 Carbazole
 Concen: 4.582 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39

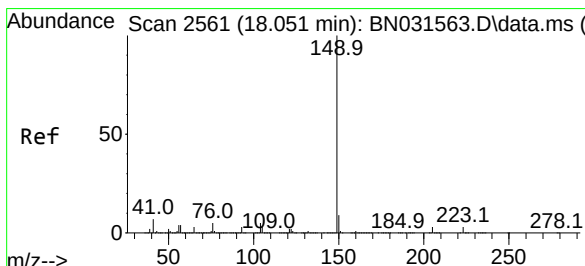
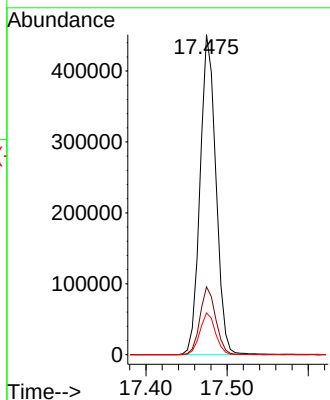
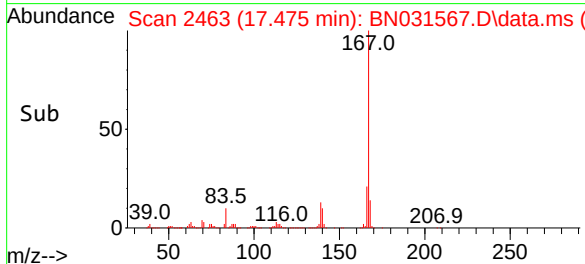
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



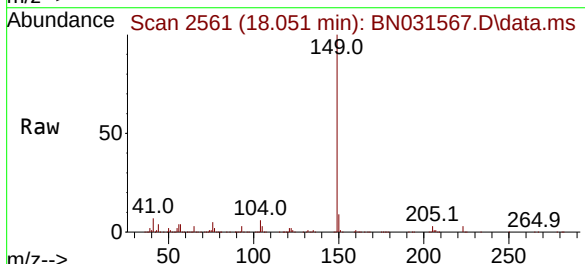
Tgt Ion:167 Resp: 611494
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.2 24.4
 139 13.1 10.0 15.0

Manual Integrations
 APPROVED

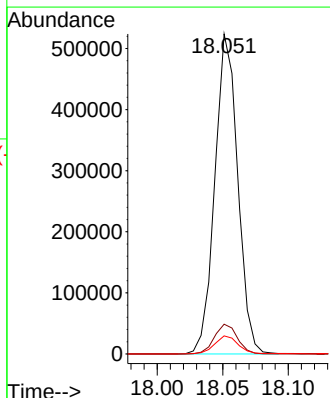
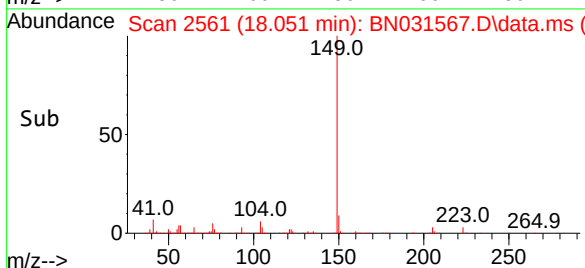
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

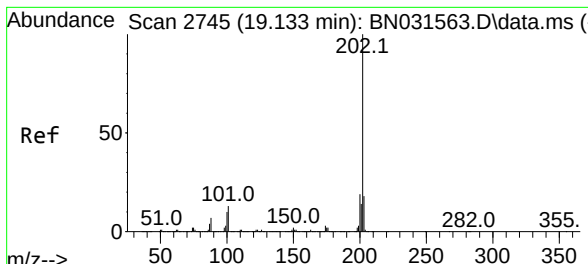


#78
 Di-n-butylphthalate
 Concen: 4.322 ng/ul
 RT: 18.051 min Scan# 2561
 Delta R.T. -0.012 min
 Lab File: BN031567.D
 Acq: 20 May 2024 11:39



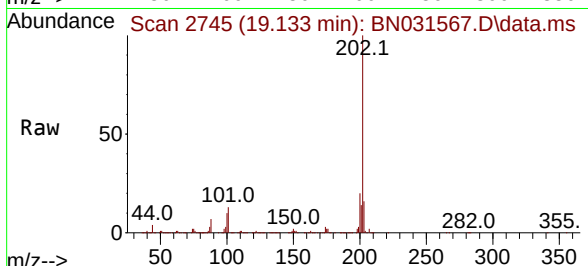
Tgt Ion:149 Resp: 635731
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.0 10.6
 104 5.7 4.3 6.5





#80
Fluoranthene
Concen: 5.551 ng/ul
RT: 19.133 min Scan# 2745
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

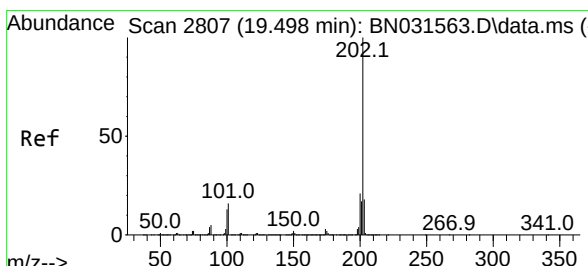
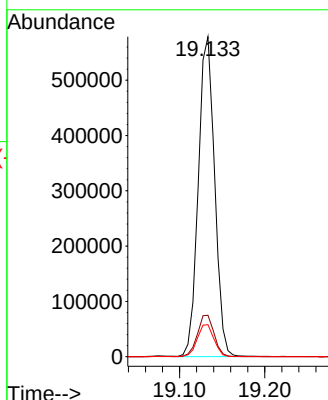
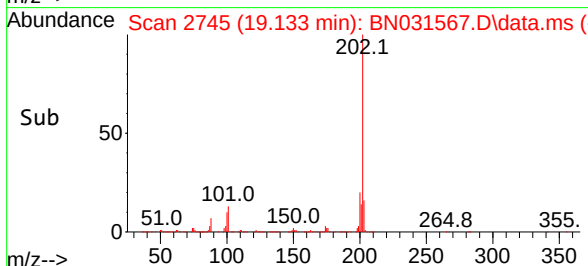
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion:202 Resp: 771250
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.0 8.0 12.0

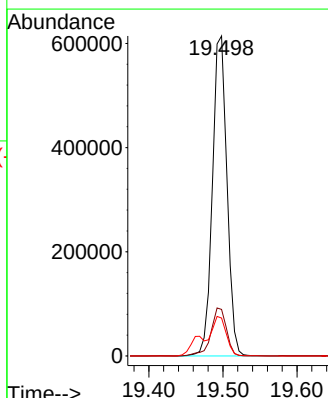
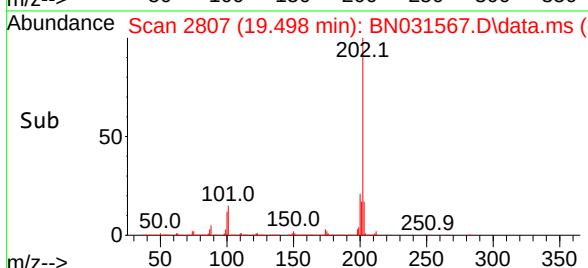
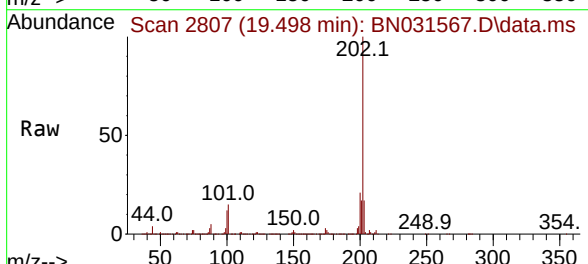
Manual Integrations
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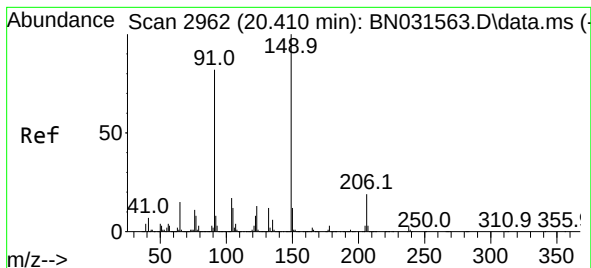
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#82
Pyrene
Concen: 5.562 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Tgt Ion:202 Resp: 836985
Ion Ratio Lower Upper
202 100
101 14.5 12.7 19.1
100 11.9 10.3 15.5





#83

Butylbenzylphthalate

Concen: 4.346 ng/ul

RT: 20.410 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Instrument :

BNA_N

ClientSampleId :

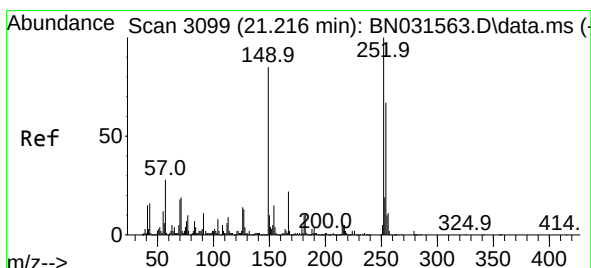
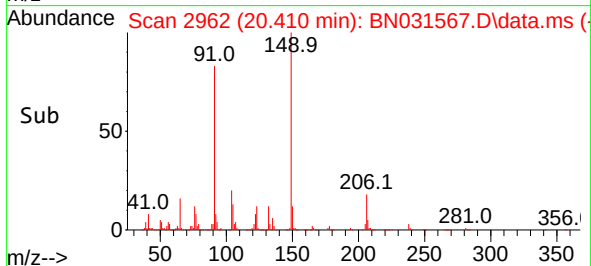
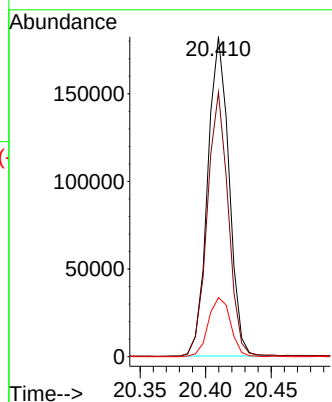
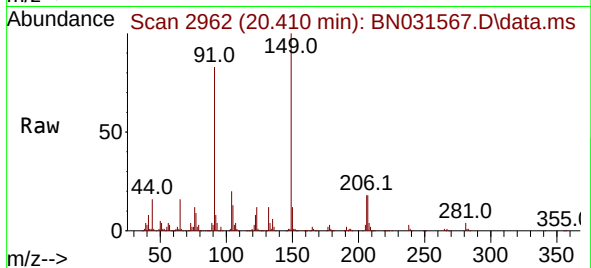
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	149	Resp:	206215
Ion Ratio	Lower	Upper	
149	100		
91	82.6	64.9	97.3
206	18.4	14.4	21.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.681 ng/ul

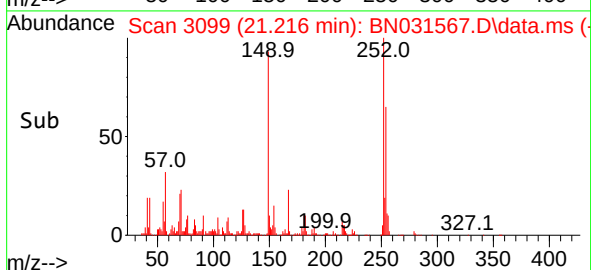
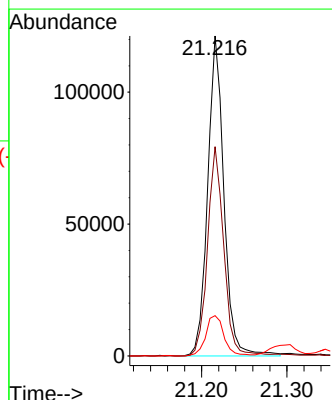
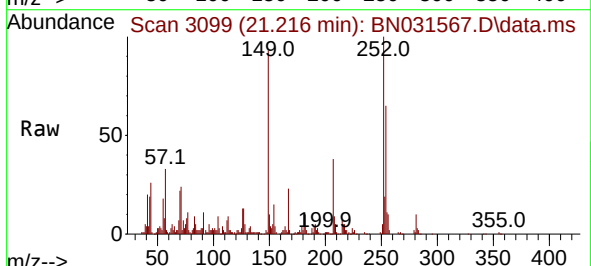
RT: 21.216 min Scan# 3099

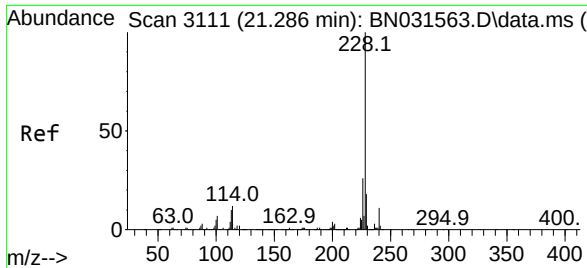
Delta R.T. -0.006 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

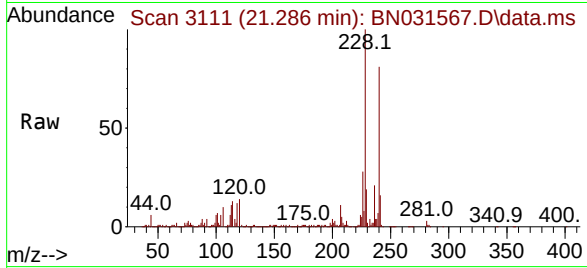
Tgt Ion:	252	Resp:	160972
Ion Ratio	Lower	Upper	
252	100		
254	65.4	52.2	78.4
126	12.6	11.0	16.4





#85
Benzo(a)anthracene
Concen: 4.623 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

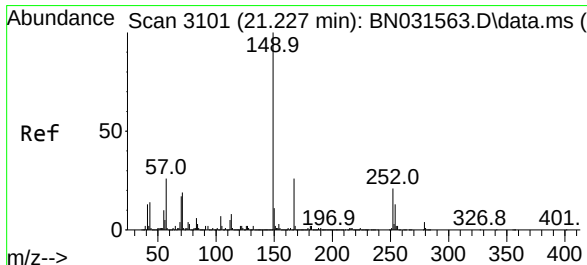
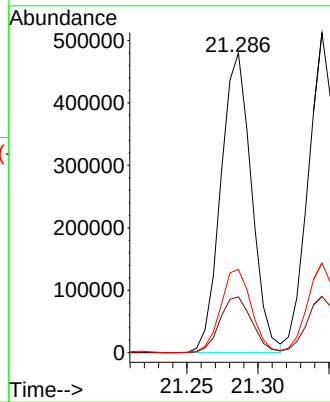
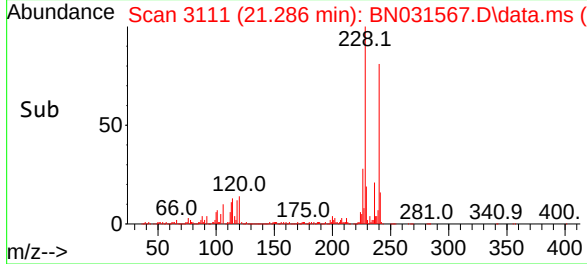


Tgt Ion:228 Resp: 72110

Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.1	22.7
226	27.8	20.7	31.1

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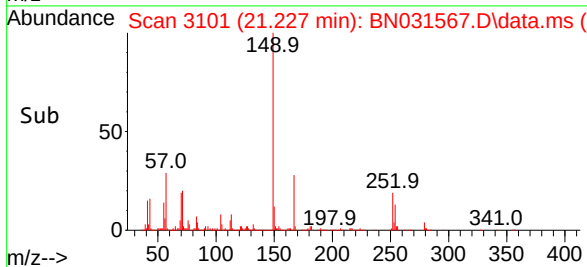
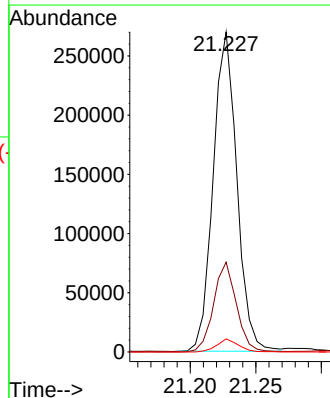
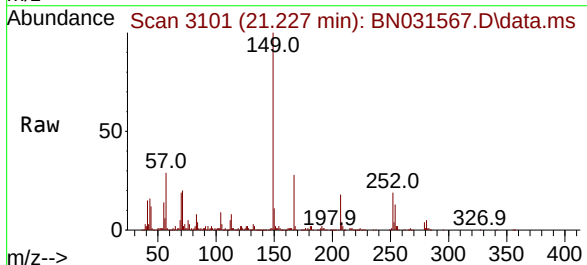
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

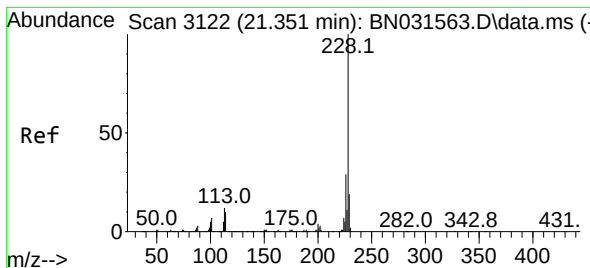


#86
Bis(2-ethylhexyl)phthalate
Concen: 4.341 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Tgt Ion:149 Resp: 338375

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.2	31.8
279	4.1	3.0	4.6





#87

Chrysene

Concen: 4.802 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Instrument :

BNA_N

ClientSampleId :

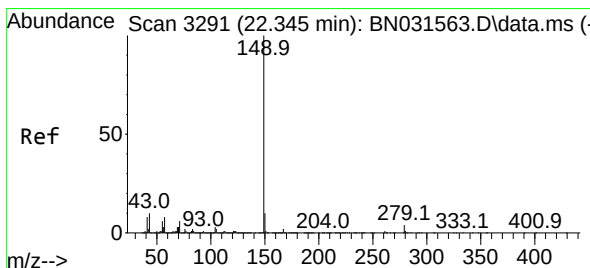
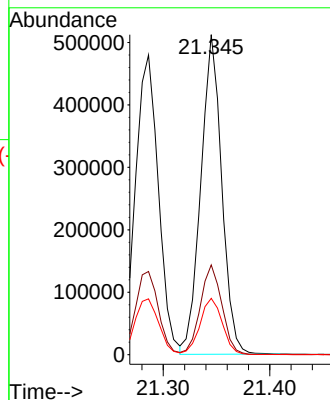
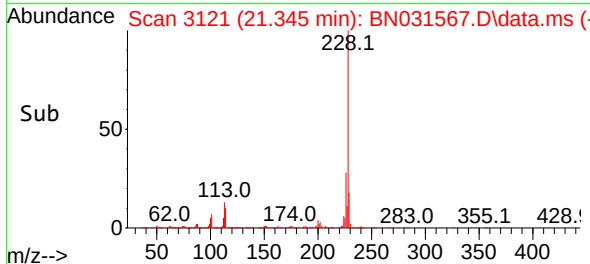
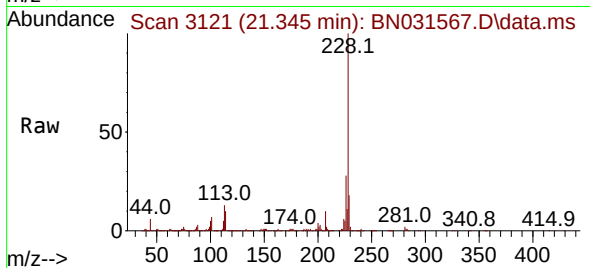
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:228 Resp: 700364
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.3 36.5
 229 17.6 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#89

Di-n-octyl phthalate

Concen: 4.192 ng/ul

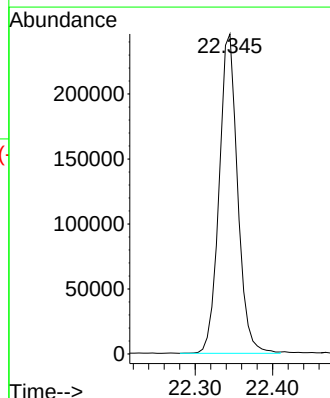
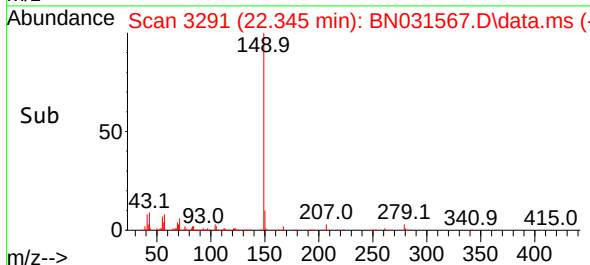
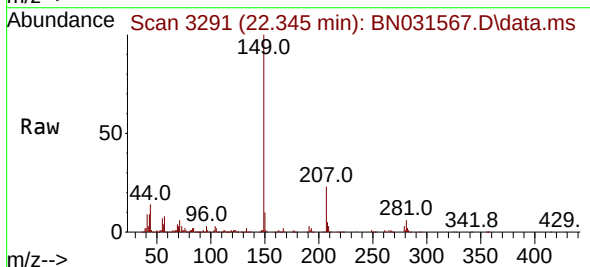
RT: 22.345 min Scan# 3291

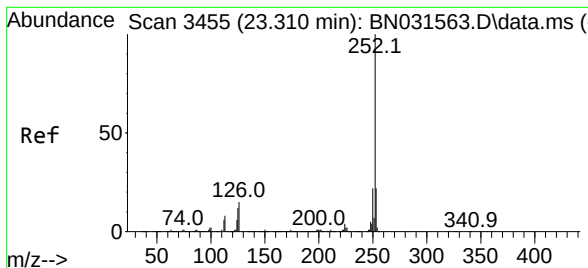
Delta R.T. -0.018 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Tgt Ion:149 Resp: 407675





#90

Benzo(b)fluoranthene

Concen: 4.947 ng/ul

RT: 23.304 min Scan# 3454

Delta R.T. -0.018 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Instrument :

BNA_N

ClientSampleId :

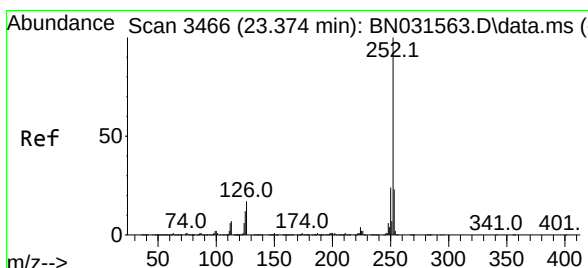
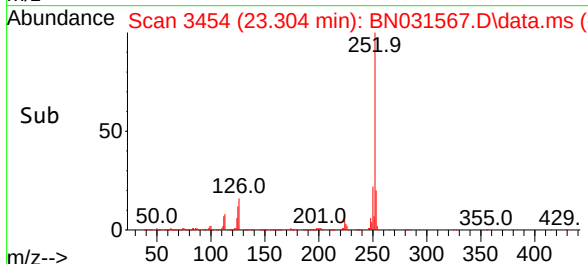
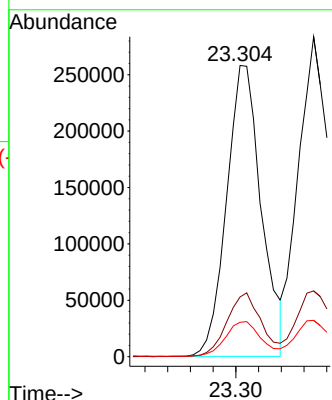
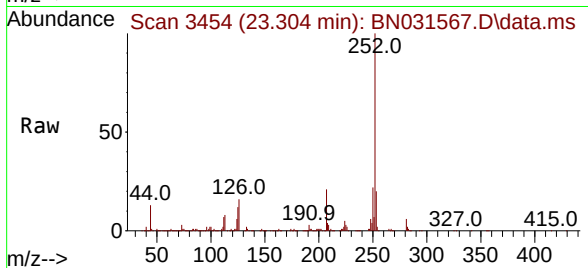
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:252 Resp: 547160
 Ion Ratio Lower Upper
 252 100
 253 20.5 18.4 27.6
 125 11.8 9.8 14.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#91

Benzo(k)fluoranthene

Concen: 5.044 ng/ul

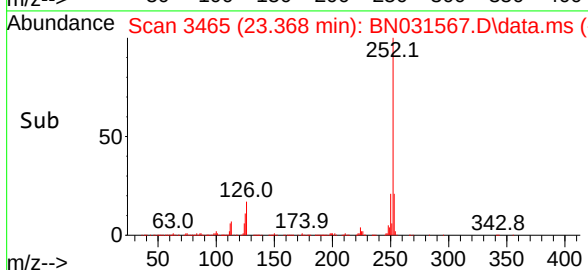
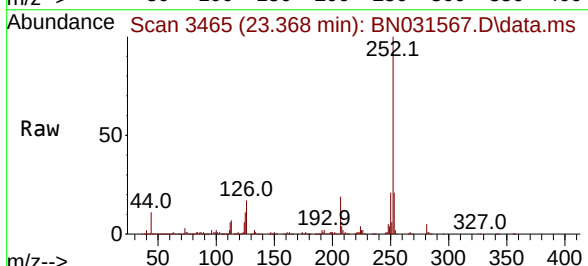
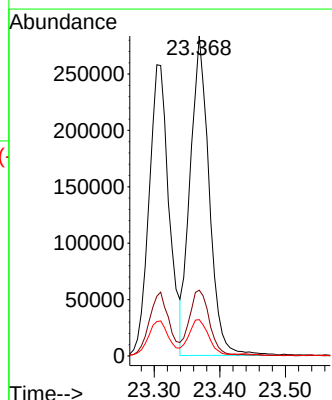
RT: 23.368 min Scan# 3465

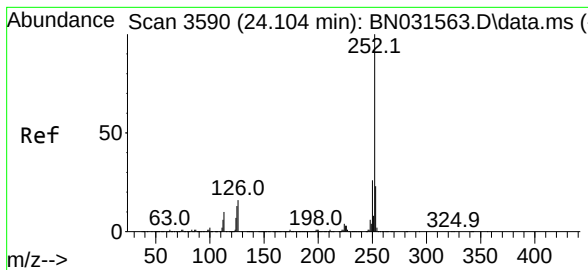
Delta R.T. -0.012 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Tgt Ion:252 Resp: 570169
 Ion Ratio Lower Upper
 252 100
 253 20.6 16.9 25.3
 125 11.4 10.3 15.5





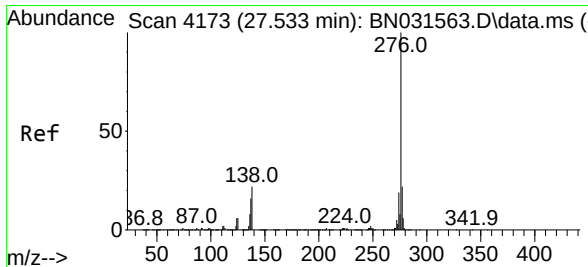
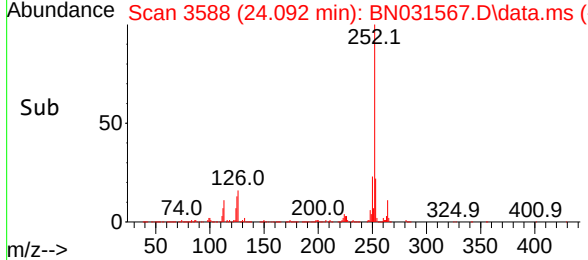
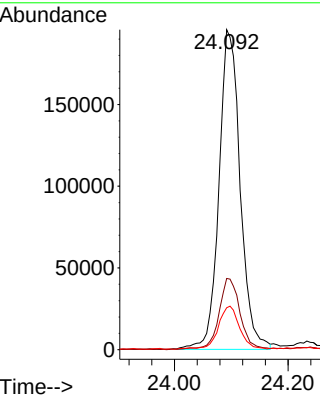
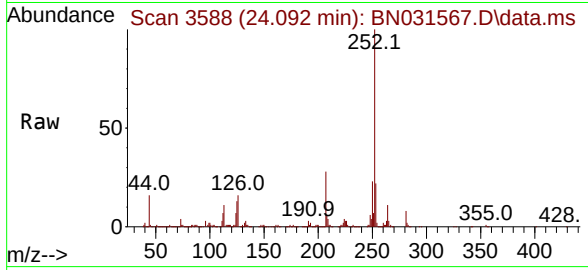
#93
Benzo(a)pyrene
Concen: 4.720 ng/ul
RT: 24.092 min Scan# 3590
Delta R.T. -0.024 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	252	Resp:	50625
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	13.1	10.3	15.5

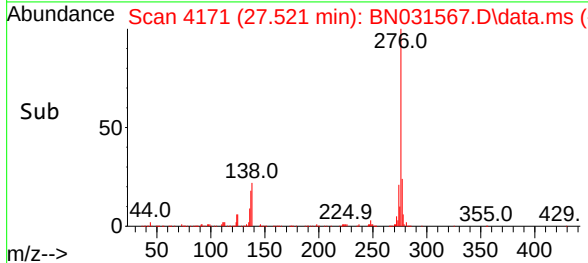
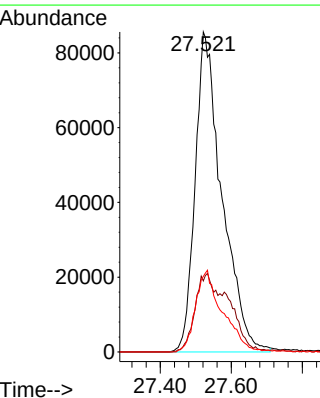
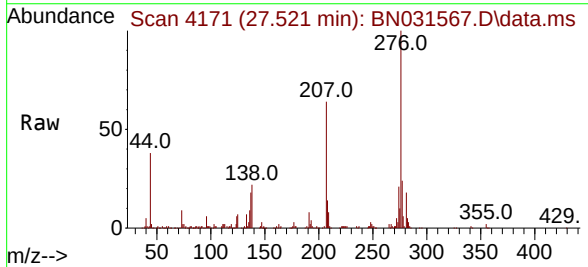
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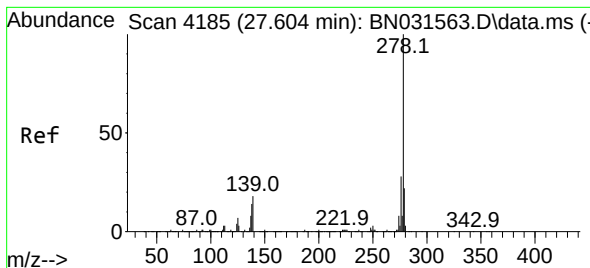
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.714 ng/ul
RT: 27.521 min Scan# 4171
Delta R.T. -0.029 min
Lab File: BN031567.D
Acq: 20 May 2024 11:39

Tgt Ion:	276	Resp:	448955
Ion Ratio	Lower	Upper	
276	100		
138	22.2	18.6	27.8
277	23.6	17.4	26.2





#95

Dibenzo(a,h)anthracene

Concen: 3.741 ng/ul m

RT: 27.580 min Scan# 4181

Delta R.T. -0.041 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Instrument :

BNA_N

ClientSampleId :

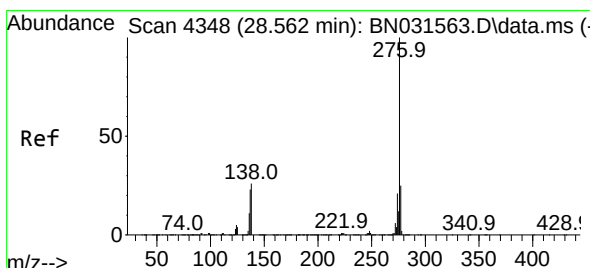
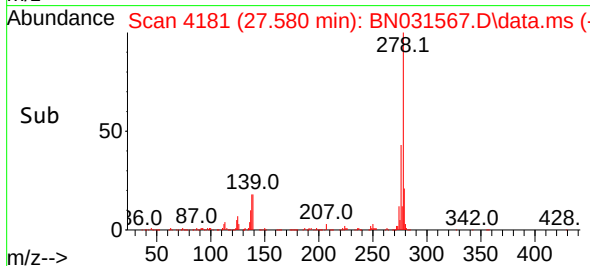
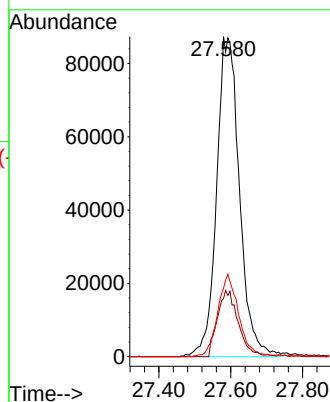
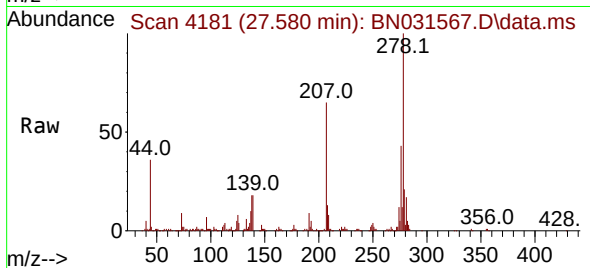
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	278	Resp:	38517
Ion Ratio	Lower	Upper	
278	100		
139	18.2	14.7	22.1
279	21.4	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#96

Benzo(g,h,i)perylene

Concen: 3.826 ng/ul m

RT: 28.545 min Scan# 4345

Delta R.T. -0.041 min

Lab File: BN031567.D

Acq: 20 May 2024 11:39

Tgt Ion:	276	Resp:	373493
Ion Ratio	Lower	Upper	
276	100		
138	25.1	19.0	28.6
277	23.9	19.2	28.8

