

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052224\
 Data File : BN031607.D
 Acq On : 22 May 2024 15:13
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Quant Time: May 22 23:35:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	478207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2045950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1257073	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2458431	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1589279	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1331240	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	65295	5.412	ng/uL	0.00
4) Pyridine-d5	3.599	84	910387	27.040	ng/u1	0.00
7) Phenol-d5	6.858	99	1043238	26.501	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	633385	26.827	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	782826	25.808	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	775182	25.437	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	397913	25.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	364231	24.633	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	700219	24.220	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1099363	26.380	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2139213	27.003	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2559850	25.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	377788	25.204	ng/u1	0.00
60) Fluorene-d10	15.322	176	1854969	27.019	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	204476	19.238	ng/u1	0.00
73) Anthracene-d10	17.169	188	2487599	23.903	ng/u1	0.00
81) Pyrene-d10	19.469	212	2605301	26.135	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1646064	26.269	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	14659m	1.153	ng/uL	
5) Pyridine	3.622	79	170503	5.146	ng/u1#	82
6) Benzaldehyde	6.840	77	127495m	6.323	ng/u1	
8) Phenol	6.881	94	200388	4.953	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	172375	5.134	ng/u1	95
12) 2-Chlorophenol	7.258	128	153128	4.814	ng/u1	99
13) 2-Methylphenol	8.128	108	136756	4.512	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	197962	5.105	ng/u1	98
16) Acetophenone	8.510	105	250940	5.279	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	121261	4.966	ng/u1	97
18) 4-Methylphenol	8.452	108	156319	4.853	ng/u1	99
19) Hexachloroethane	8.763	117	65993	4.855	ng/u1	97
22) Nitrobenzene	8.887	77	184797	4.872	ng/u1	97
23) Isophorone	9.410	82	341985	4.740	ng/u1	99
25) 2-Nitrophenol	9.593	139	75129	4.559	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	96923	2.879	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.899	93	224666	4.884	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	134576	4.695	ng/u1	91
30) Naphthalene	10.522	128	520197	4.940	ng/u1	99
32) 4-Chloroaniline	10.634	127	208248	5.121	ng/u1	98
33) Hexachlorobutadiene	10.804	225	85208	4.858	ng/u1	93
34) Caprolactam	11.416	113	44162	4.758	ng/u1	93
35) 4-Chloro-3-methylphenol	11.757	107	144437	4.640	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	343008	4.978	ng/u1	97

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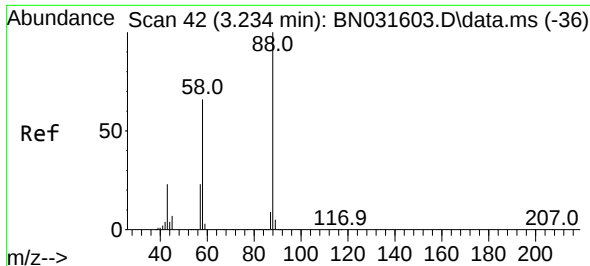
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	353752	5.186	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.510	216	167588	4.711	ng/ul	96
40) Hexachlorocyclopentadiene	12.487	237	91050	4.269	ng/ul	97
41) 2,4,6-Trichlorophenol	12.751	196	92969	4.229	ng/ul	95
42) 2,4,5-Trichlorophenol	12.816	196	105417	4.430	ng/ul	95
43) 1,1'-Biphenyl	13.163	154	450501	4.971	ng/ul	100
44) 2-Chloronaphthalene	13.198	162	352158	4.907	ng/ul	99
45) 2-Nitroaniline	13.410	65	79657	4.240	ng/ul	95
47) Dimethylphthalate	13.792	163	424828	5.255	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	63525	4.123	ng/ul	93
50) Acenaphthylene	14.051	152	591113	5.157	ng/ul	98
51) 3-Nitroaniline	14.234	138	73812	4.221	ng/ul#	95
52) Acenaphthene	14.392	153	375847	5.061	ng/ul	95
53) 2,4-Dinitrophenol	14.440	184	26607	3.761	ng/ul	87
55) 4-Nitrophenol	14.534	109	60261	5.336	ng/ul	93
56) Dibenzofuran	14.728	168	515809	5.203	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	95396	4.622	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	76785	4.442	ng/ul	99
59) Diethylphthalate	15.157	149	405406	5.322	ng/ul	97
61) Fluorene	15.381	166	420355	5.413	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	202038	5.404	ng/ul	96
63) 4-Nitroaniline	15.392	138	74641	4.759	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.451	198	48083	4.125	ng/ul#	90
67) N-Nitrosodiphenylamine	15.592	169	332117	4.589	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	111989	4.524	ng/ul	96
69) Hexachlorobenzene	16.375	284	133905	5.012	ng/ul	89
70) Atrazine	16.545	200	105832	5.434	ng/ul	98
71) Pentachlorophenol	16.722	266	62075	4.074	ng/ul	95
72) Phenanthrene	17.116	178	622878	4.992	ng/ul	100
74) Anthracene	17.204	178	571455	4.565	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	163982	4.196	ng/ul	99
76) Pentachlorobenzene	14.645	250	164249	4.641	ng/ul	99
77) Carbazole	17.475	167	532285	4.983	ng/ul	99
78) Di-n-butylphthalate	18.051	149	559856	4.565	ng/ul	100
80) Fluoranthene	19.133	202	606024	4.918	ng/ul	99
82) Pyrene	19.492	202	641485	5.076	ng/ul	96
83) Butylbenzylphthalate	20.410	149	174691	4.073	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.216	252	107754	3.526	ng/ul	98
85) Benzo(a)anthracene	21.286	228	479068	4.483	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	225629	3.842	ng/ul	98
87) Chrysene	21.345	228	475779	4.820	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	272437	3.581	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	369838	4.761	ng/ul	97
91) Benzo(k)fluoranthene	23.368	252	376660	4.756	ng/ul	98
93) Benzo(a)pyrene	24.098	252	355653	4.766	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.527	276	371663	4.150	ng/ul	99
95) Dibenzo(a,h)anthracene	27.586	278	311466	4.223	ng/ul	99
96) Benzo(g,h,i)perylene	28.551	276	315709	4.267	ng/ul	96

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



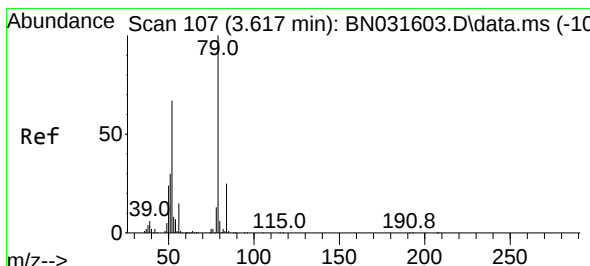
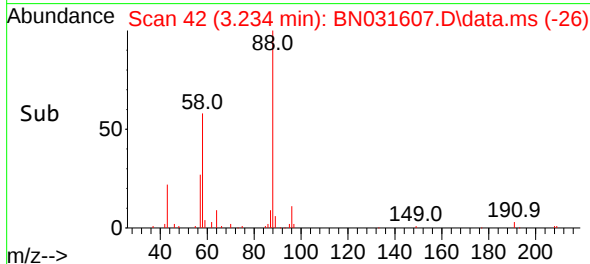
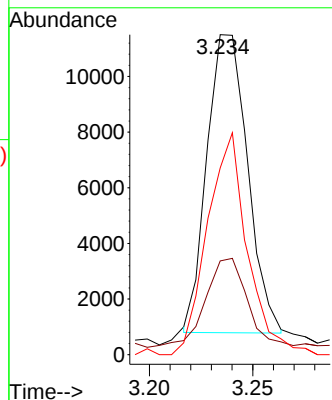
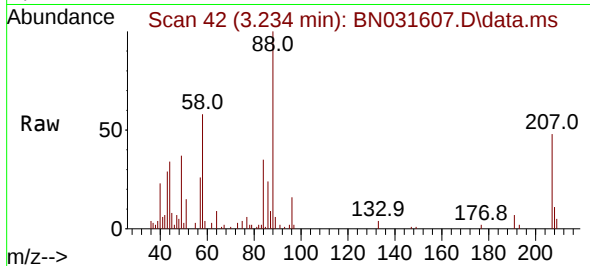
#2
1,4-Dioxane
Concen: 1.153 ng/uL m
RT: 3.234 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 88 Resp: 14659
Ion Ratio Lower Upper
88 100
43 29.3 18.3 27.5
58 58.3 55.5 83.3

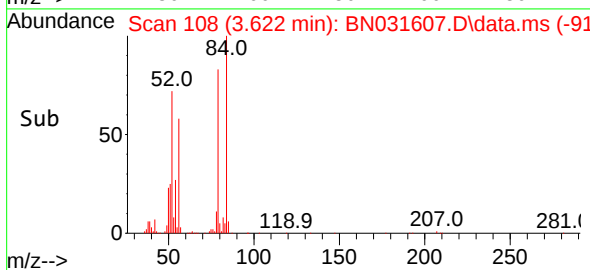
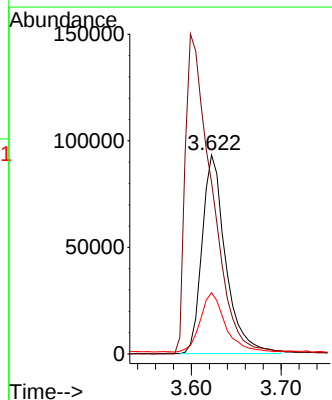
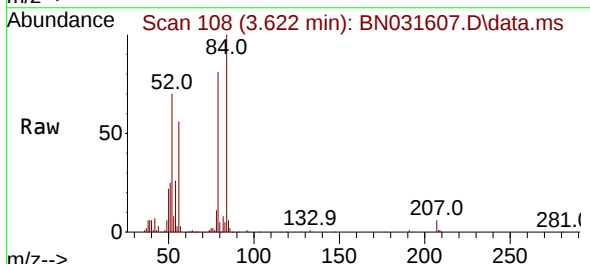
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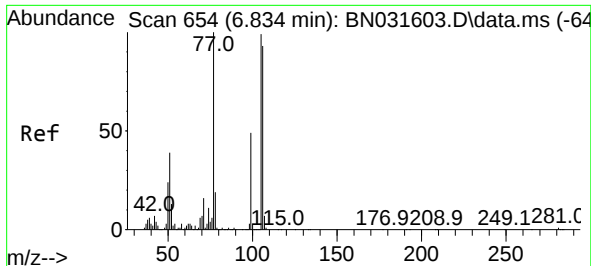
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#5
Pyridine
Concen: 5.146 ng/uL
RT: 3.622 min Scan# 108
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

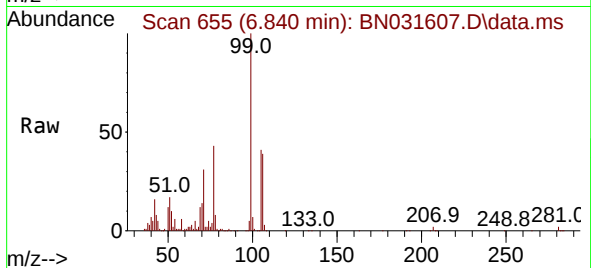
Tgt Ion: 79 Resp: 170503
Ion Ratio Lower Upper
79 100
52 86.3 52.3 78.5
51 30.8 24.4 36.6





#6
Benzaldehyde
Concen: 6.323 ng/ul m
RT: 6.840 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

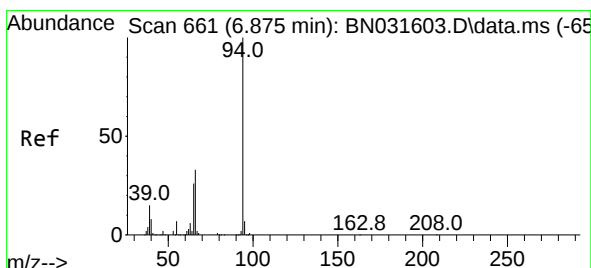
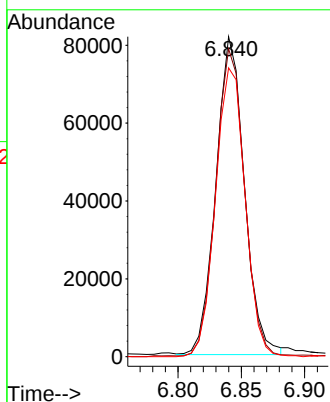
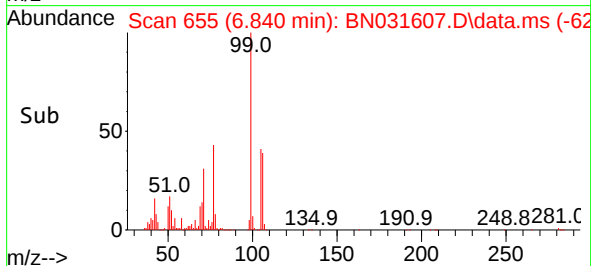
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion: 77 Resp: 12749
Ion Ratio Lower Upper
77 100
105 96.2 82.1 123.1
106 90.2 75.5 113.3

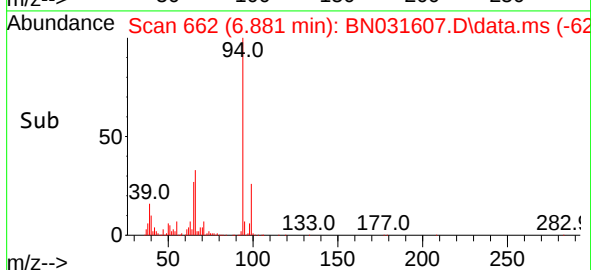
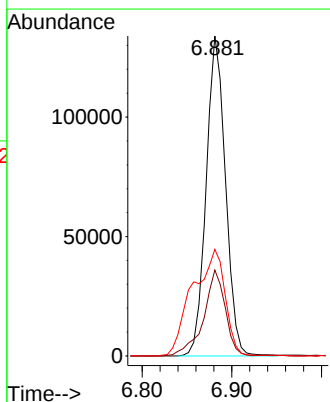
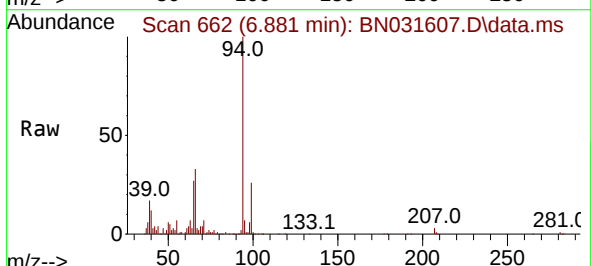
Manual Integrations
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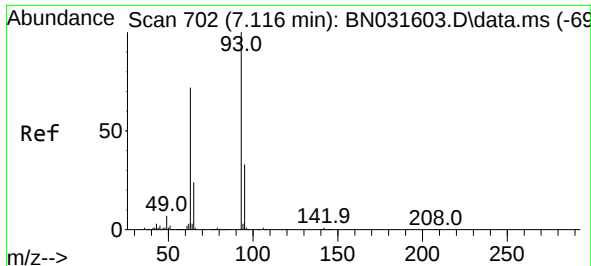
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#8
Phenol
Concen: 4.953 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

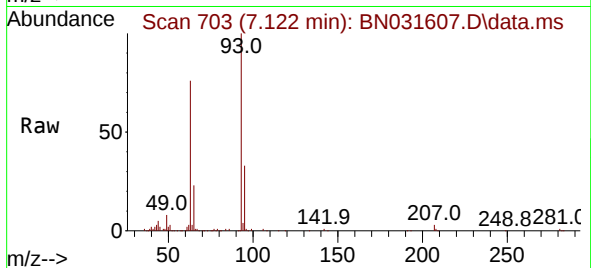
Tgt Ion: 94 Resp: 200388
Ion Ratio Lower Upper
94 100
65 26.8 20.8 31.2
66 33.3 26.7 40.1





#10
Bis(2-Chloroethyl)ether
Concen: 5.134 ng/ul
RT: 7.122 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

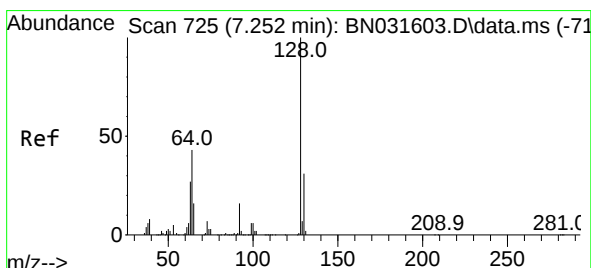
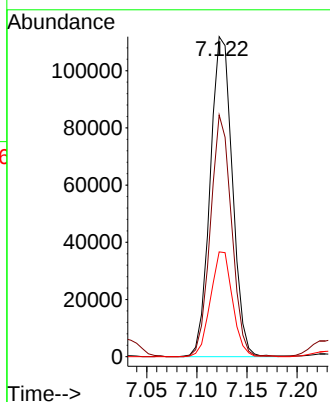
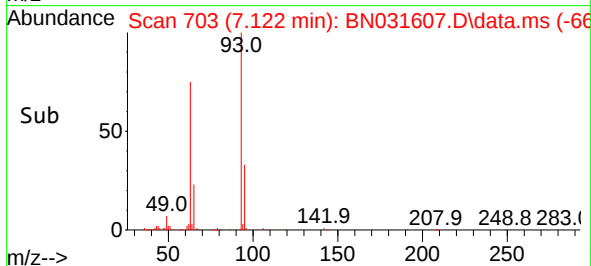
Instrument :
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ClientSampleId :
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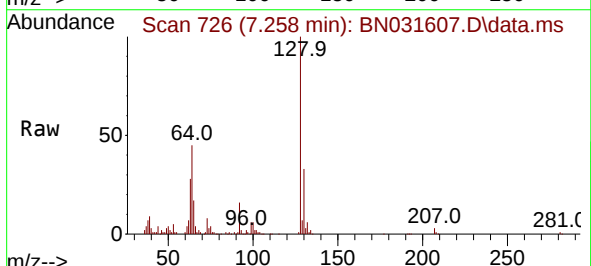
Tgt Ion: 93 Resp: 172375
Ion Ratio Lower Upper
93 100
63 75.5 56.3 84.5
95 32.8 25.2 37.8

Manual Integrations
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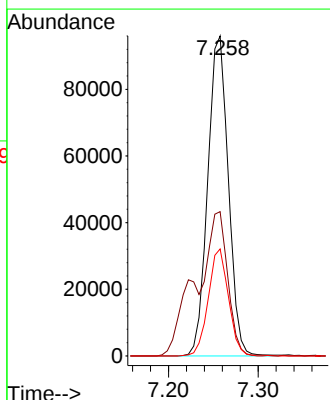
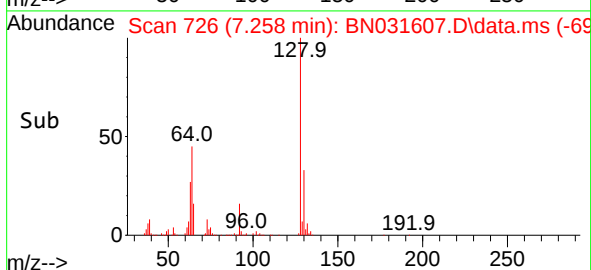
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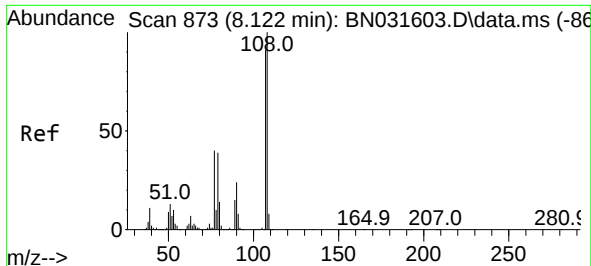


#12
2-Chlorophenol
Concen: 4.814 ng/ul
RT: 7.258 min Scan# 726
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



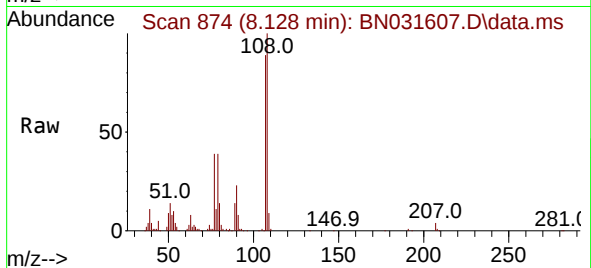
Tgt Ion:128 Resp: 153128
Ion Ratio Lower Upper
128 100
64 45.1 36.1 54.1
130 33.4 26.0 39.0





#13
2-Methylphenol
Concen: 4.512 ng/ul
RT: 8.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

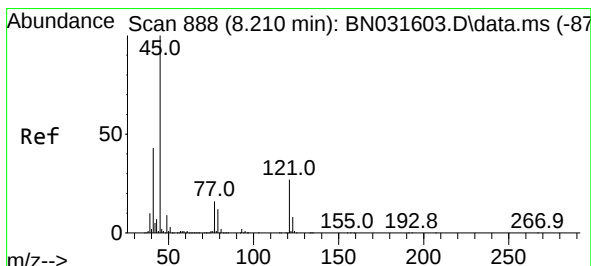
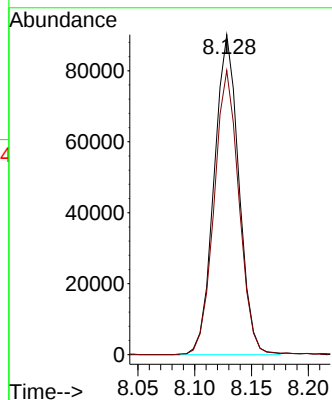
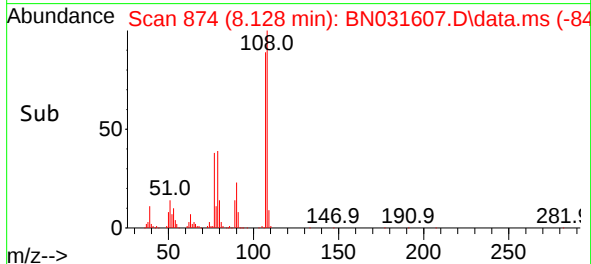
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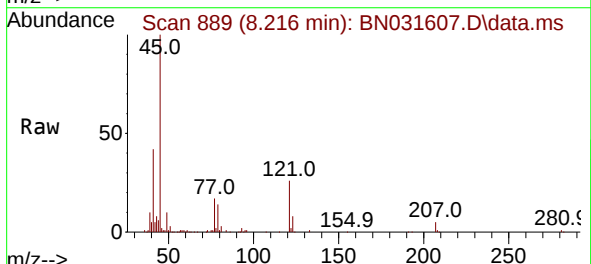
Tgt Ion:108 Resp: 136750
Ion Ratio Lower Upper
108 100
107 88.8 71.0 106.6

Manual Integrations
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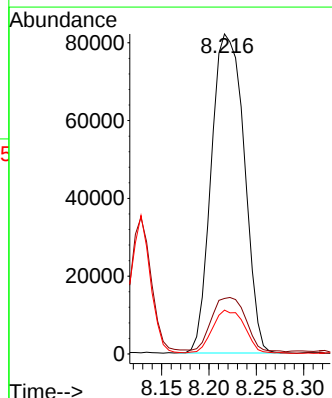
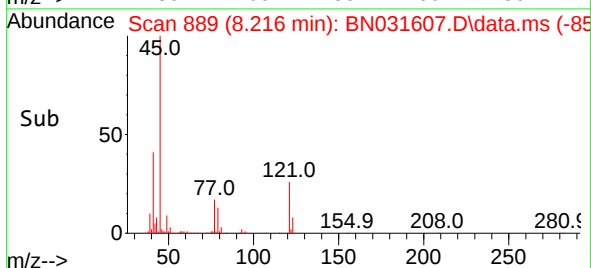
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

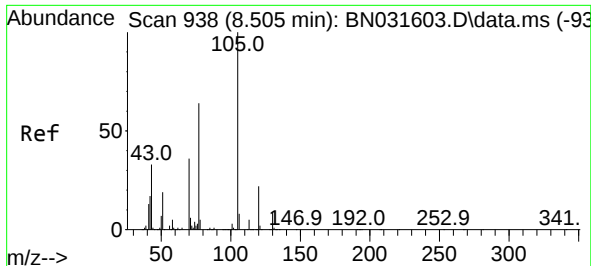


#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.105 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



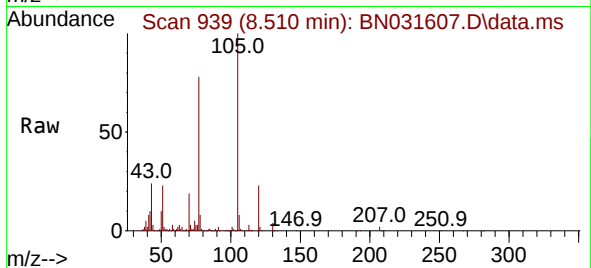
Tgt Ion: 45 Resp: 197962
Ion Ratio Lower Upper
45 100
77 17.4 13.2 19.8
79 13.7 10.6 16.0





#16
Acetophenone
Concen: 5.279 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. 0.000 min
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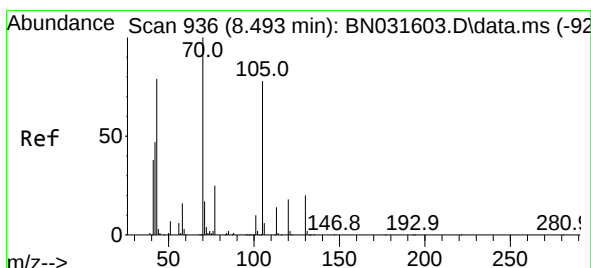
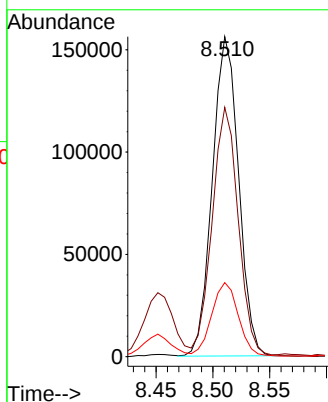
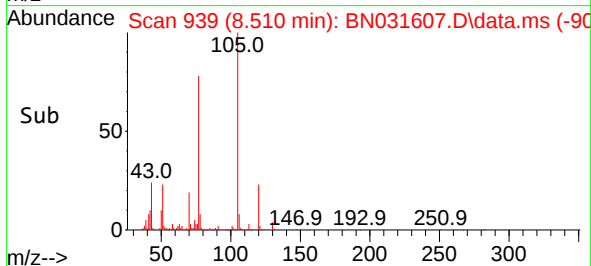
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ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



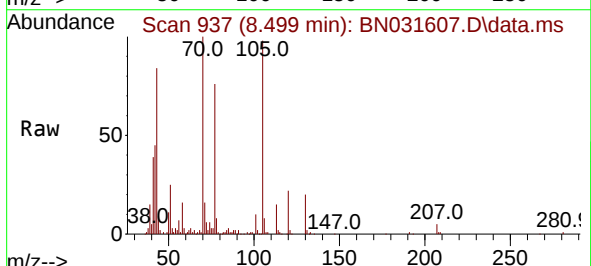
Tgt Ion:105 Resp: 250940
Ion Ratio Lower Upper
105 100
77 77.9 60.7 91.1
51 23.1 18.6 28.0

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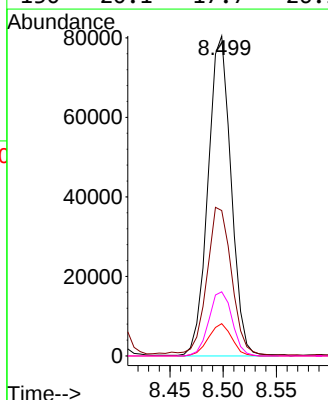
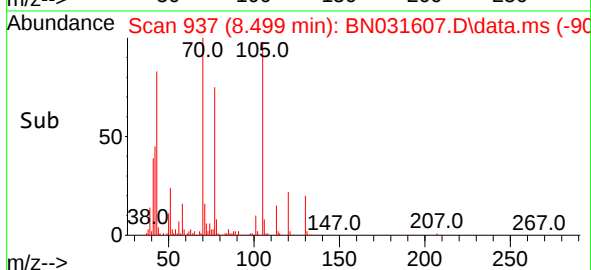
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

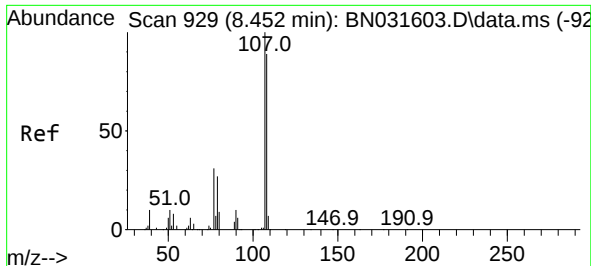


#17
N-Nitroso-di-n-propylamine
Concen: 4.966 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



Tgt Ion: 70 Resp: 121261
Ion Ratio Lower Upper
70 100
42 45.5 38.2 57.4
101 10.1 8.1 12.1
130 20.1 17.7 26.5





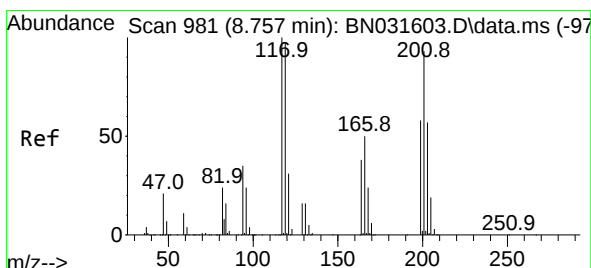
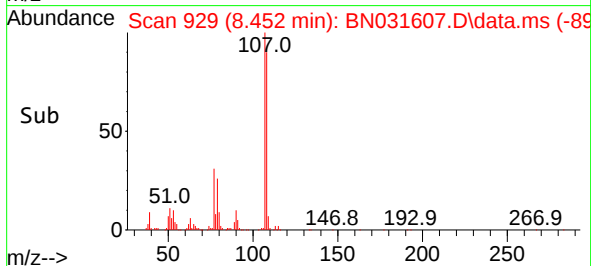
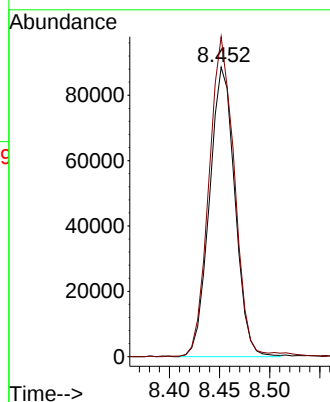
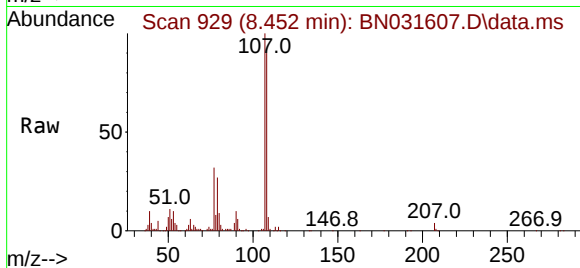
#18
4-Methylphenol
Concen: 4.853 ng/ul
RT: 8.452 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion:108 Resp: 156319
Ion Ratio Lower Upper
108 100
107 110.6 87.6 131.4

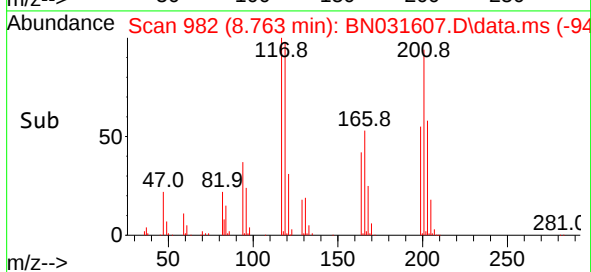
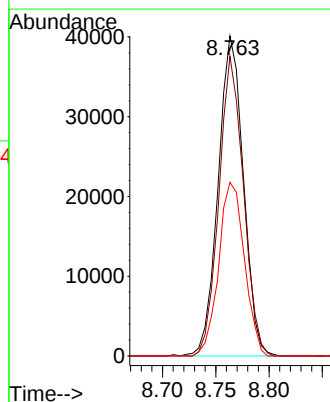
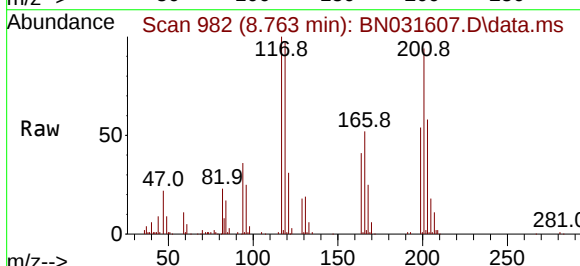
Manual Integrations
APPROVED

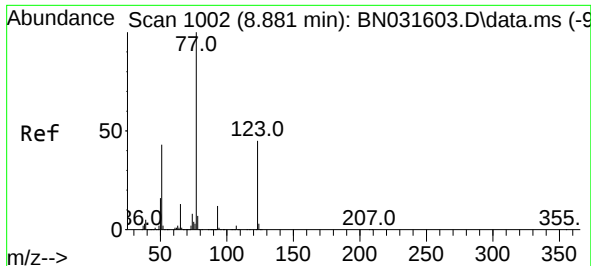
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#19
Hexachloroethane
Concen: 4.855 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

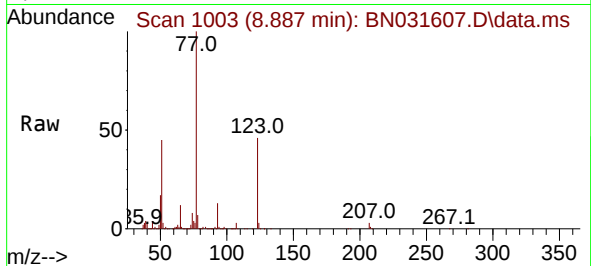
Tgt Ion:117 Resp: 65993
Ion Ratio Lower Upper
117 100
201 93.6 72.6 109.0
199 54.3 45.6 68.4





#22
Nitrobenzene
Concen: 4.872 ng/ul
RT: 8.887 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

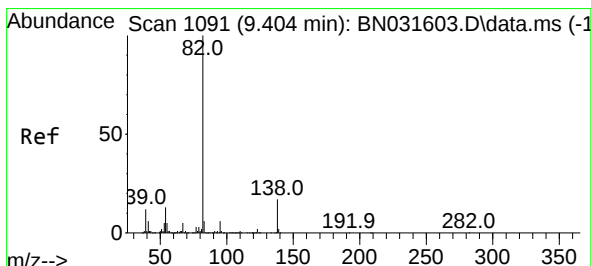
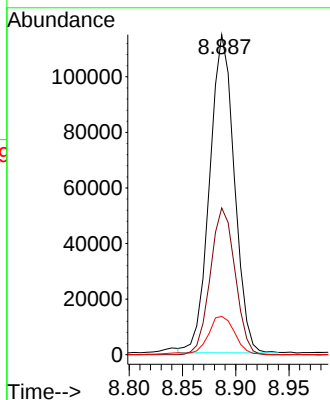
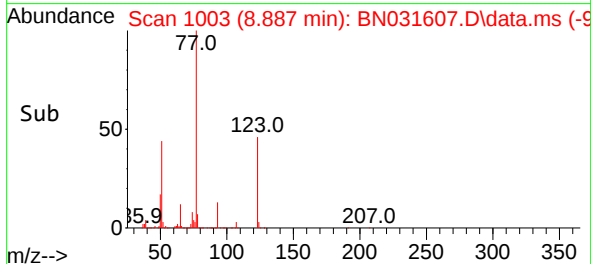
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion: 77 Resp: 18479
Ion Ratio Lower Upper
77 100
123 45.9 34.7 52.1
65 12.0 10.1 15.1

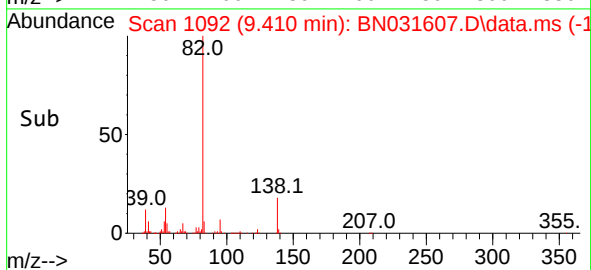
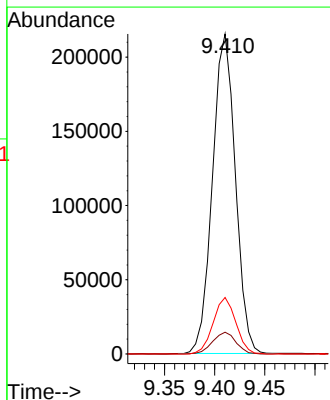
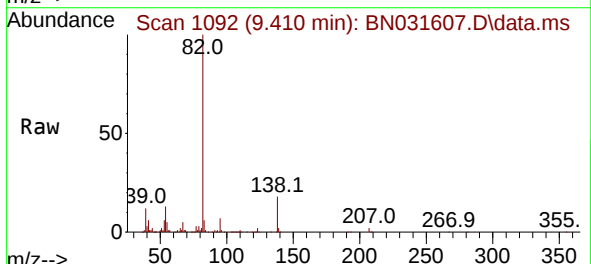
Manual Integrations
APPROVED

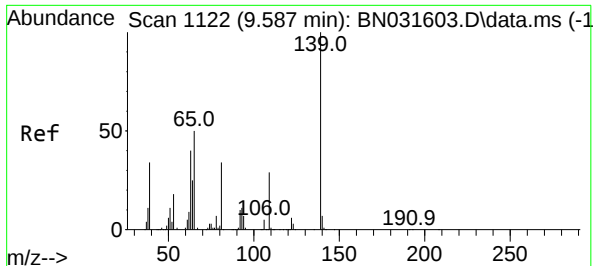
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#23
Isophorone
Concen: 4.740 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

Tgt Ion: 82 Resp: 341985
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.7 13.4 20.2





#25

2-Nitrophenol

Concen: 4.559 ng/ul

RT: 9.593 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

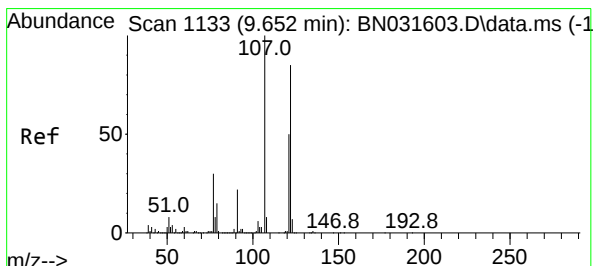
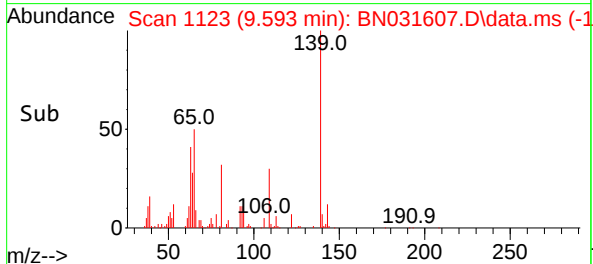
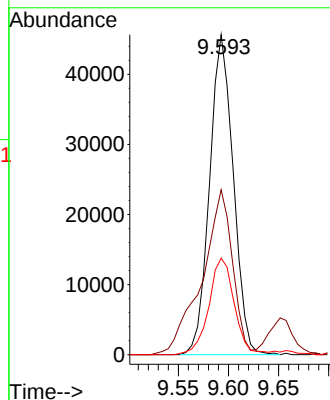
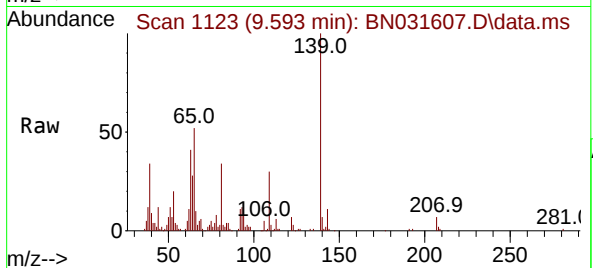
Tgt Ion:139	Resp:	75129
Ion Ratio	Lower	Upper
139	100	
65	51.6	38.6 58.0
109	30.2	23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#26

2,4-Dimethylphenol

Concen: 2.879 ng/ul

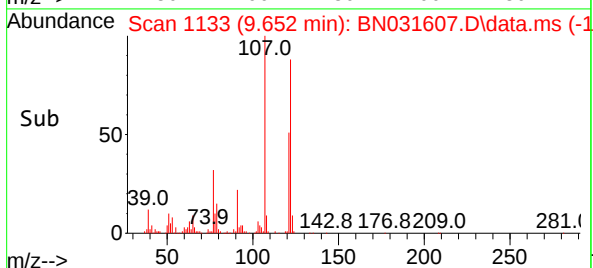
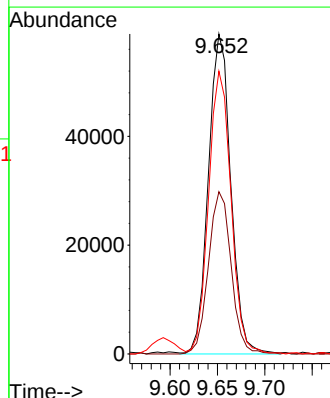
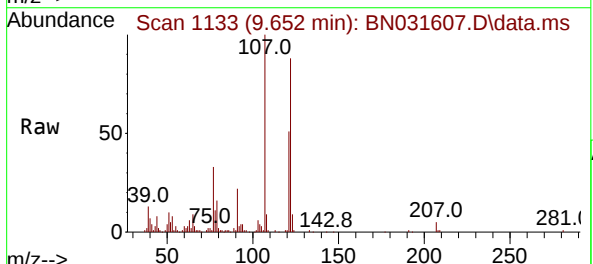
RT: 9.652 min Scan# 1133

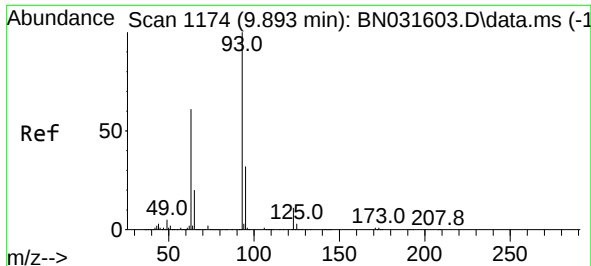
Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Tgt Ion:107	Resp:	96923
Ion Ratio	Lower	Upper
107	100	
121	50.7	40.9 61.3
122	88.4	69.5 104.3





#27

Bis(2-Chloroethoxy)methane

Concen: 4.884 ng/ul

RT: 9.899 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 93 Resp: 224660

Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

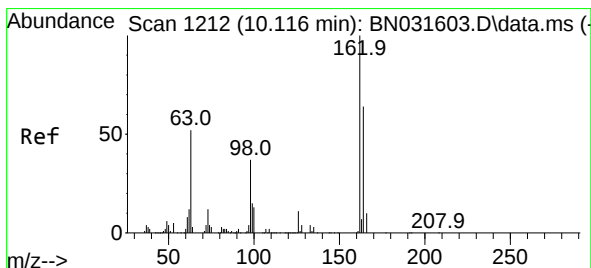
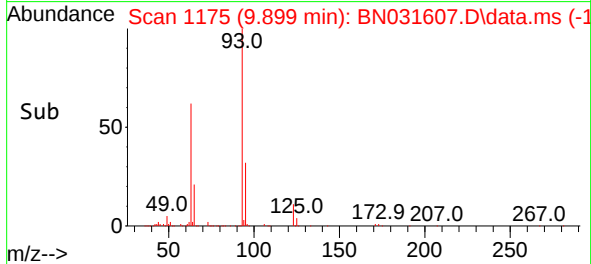
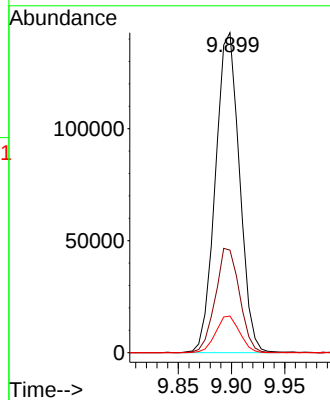
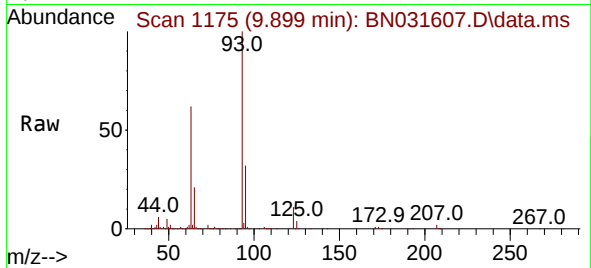
123 11.4 9.1 13.7

Manual Integrations

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Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#29

2,4-Dichlorophenol

Concen: 4.695 ng/ul

RT: 10.116 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

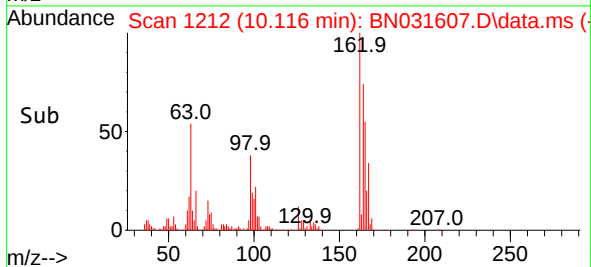
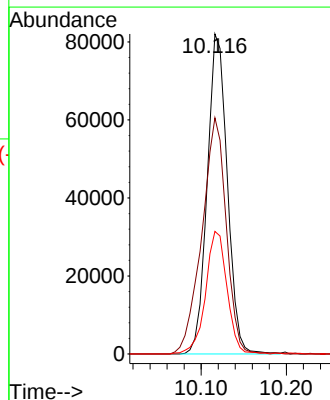
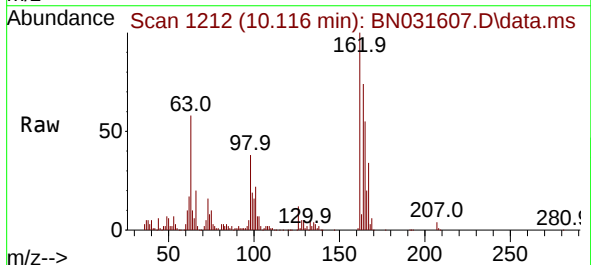
Tgt Ion:162 Resp: 134576

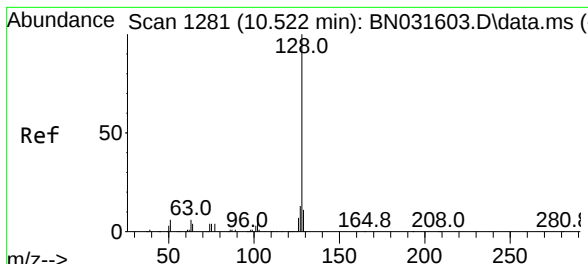
Ion Ratio Lower Upper

162 100

164 73.8 51.2 76.8

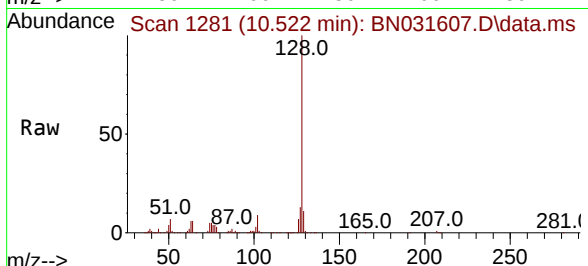
98 38.3 29.0 43.4





#30
Naphthalene
Concen: 4.940 ng/ul
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

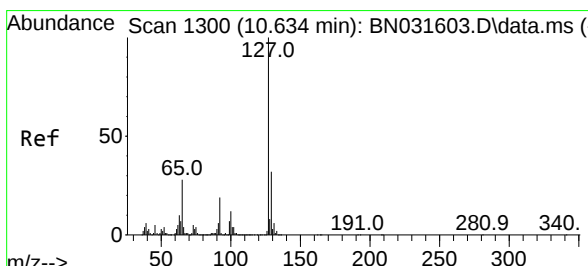
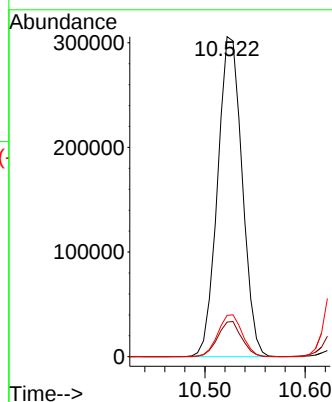
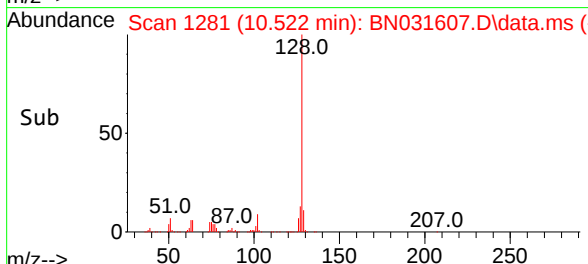
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:	128	Resp:	52019
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.9	10.2	15.2

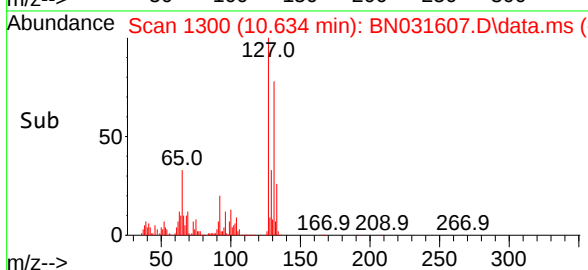
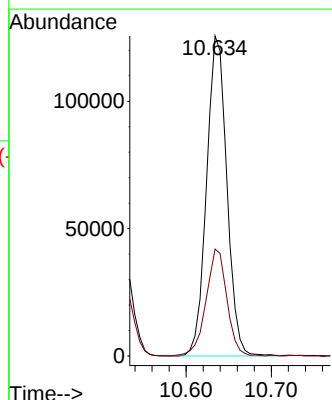
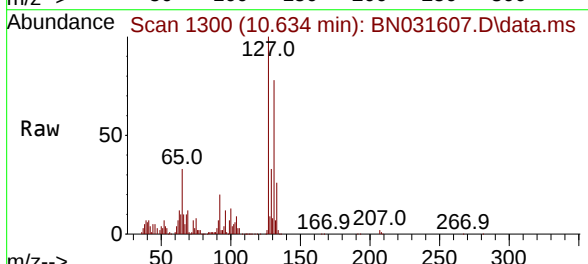
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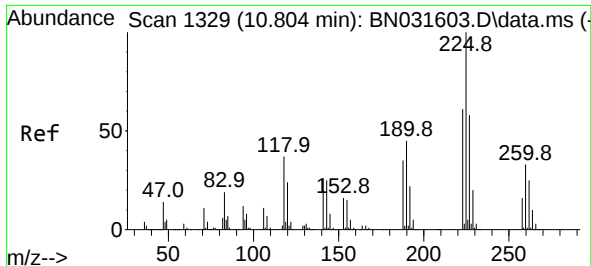
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#32
4-Chloroaniline
Concen: 5.121 ng/ul
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

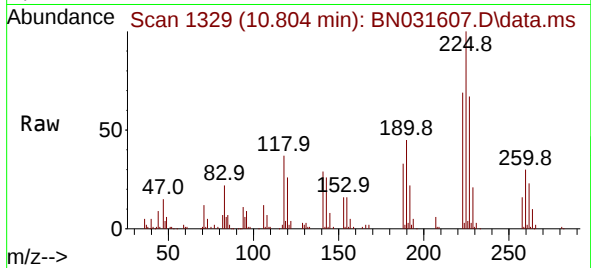
Tgt Ion:	127	Resp:	208248
Ion Ratio	Lower	Upper	
127	100		
129	33.4	25.8	38.6





#33
Hexachlorobutadiene
Concen: 4.858 ng/ul
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

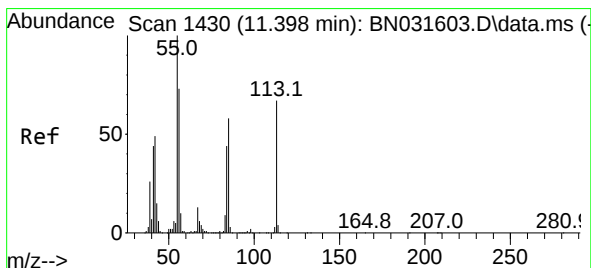
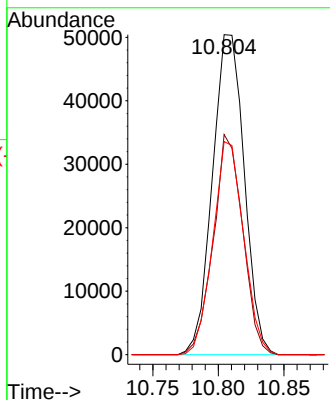
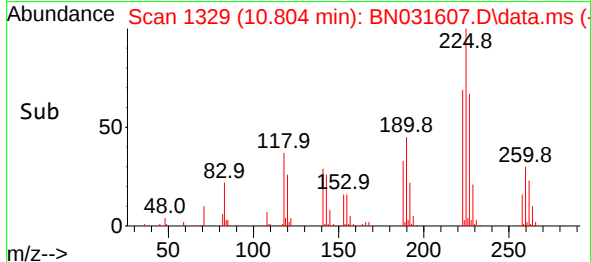
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



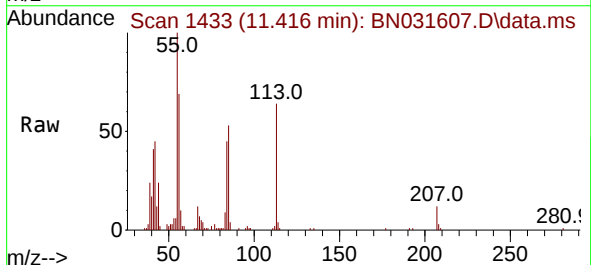
Tgt Ion:225 Resp: 85208
Ion Ratio Lower Upper
225 100
223 68.8 49.5 74.3
227 66.6 50.2 75.2

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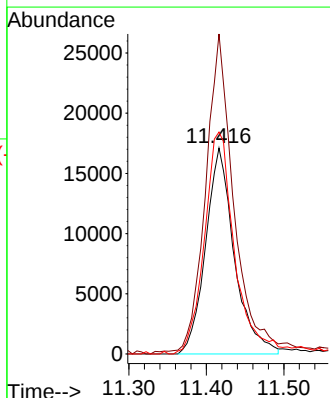
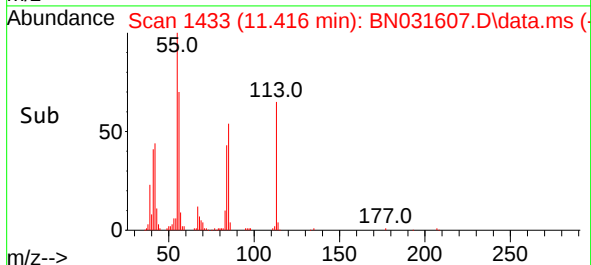
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

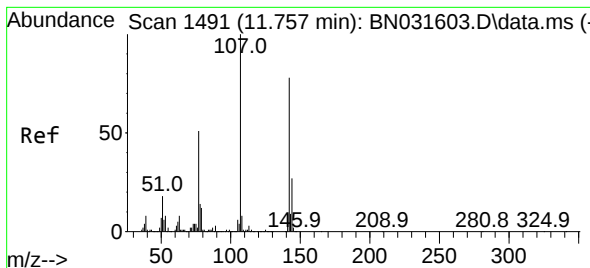


#34
Caprolactam
Concen: 4.758 ng/ul
RT: 11.416 min Scan# 1433
Delta R.T. 0.012 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



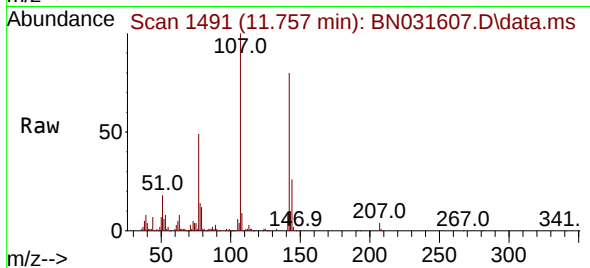
Tgt Ion:113 Resp: 44162
Ion Ratio Lower Upper
113 100
55 155.4 114.6 172.0
56 107.8 84.3 126.5





#35
4-Chloro-3-methylphenol
Concen: 4.640 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

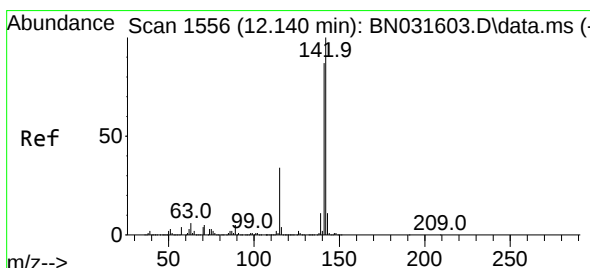
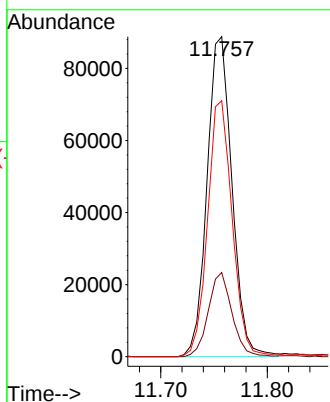
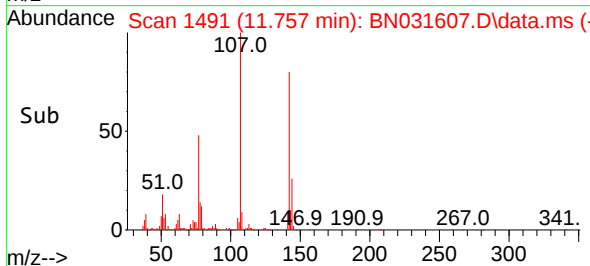
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:107 Resp: 14443
Ion Ratio Lower Upper
107 100
144 26.3 21.4 32.0
142 80.0 65.0 97.6

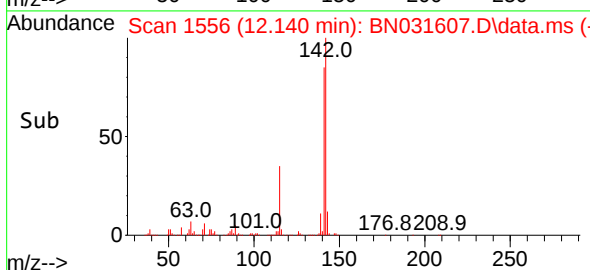
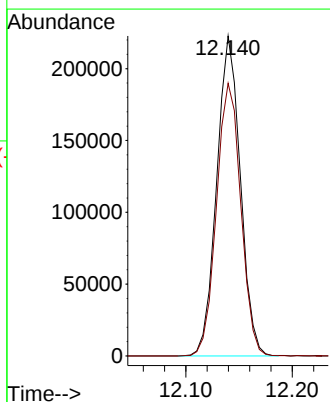
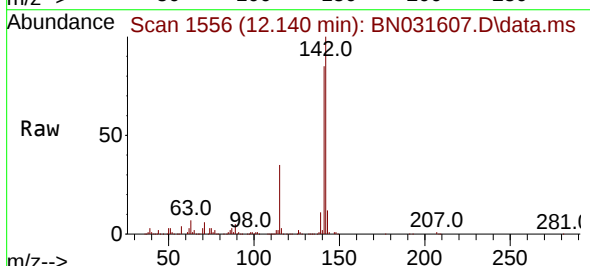
Manual Integrations
APPROVED

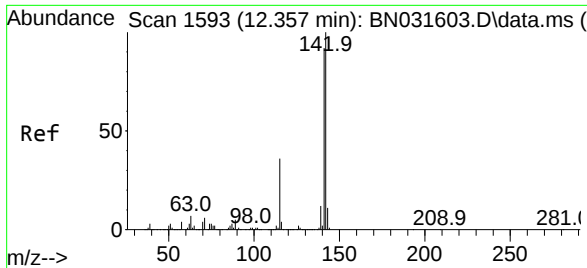
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#36
2-Methylnaphthalene
Concen: 4.978 ng/ul
RT: 12.140 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

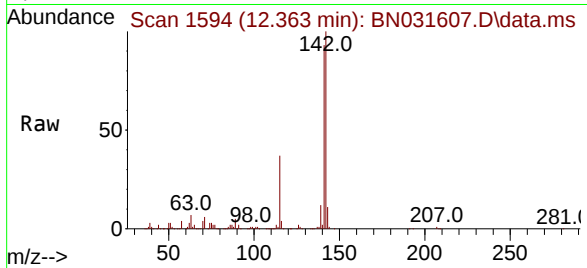
Tgt Ion:142 Resp: 343008
Ion Ratio Lower Upper
142 100
141 85.2 70.5 105.7





#37
1-Methylnaphthalene
Concen: 5.186 ng/ul
RT: 12.363 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

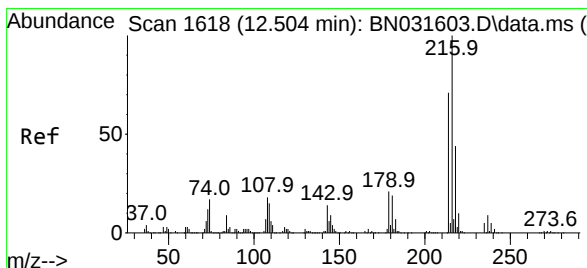
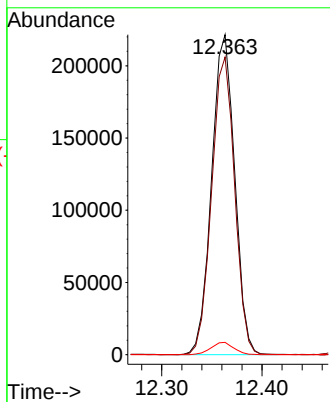
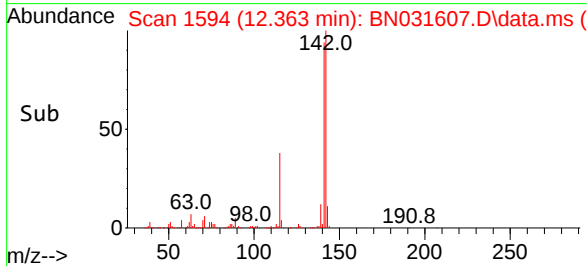
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



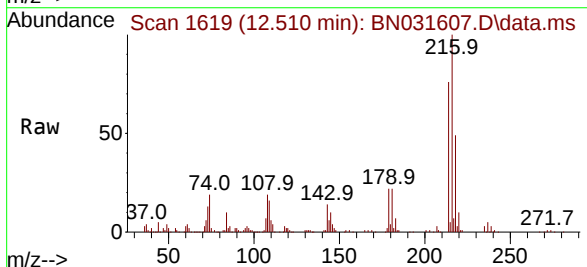
Tgt Ion:142 Resp: 353752
Ion Ratio Lower Upper
142 100
141 93.0 77.0 115.6
116 3.9 3.0 4.6

Manual Integrations
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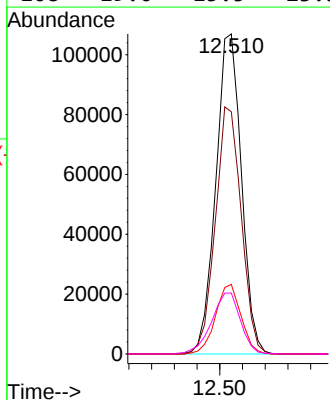
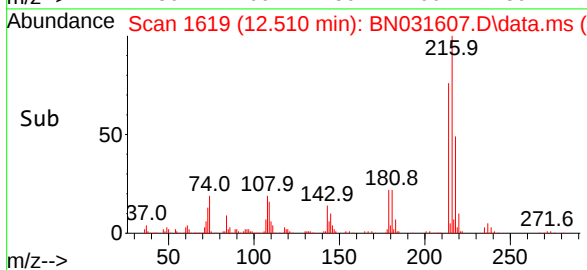
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

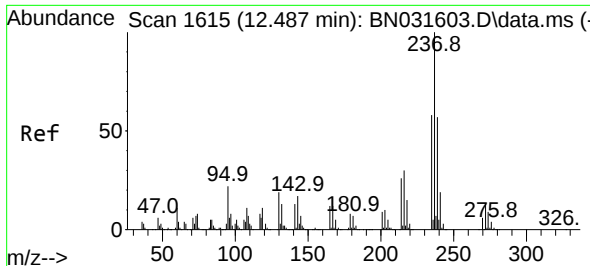


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.711 ng/ul
RT: 12.510 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



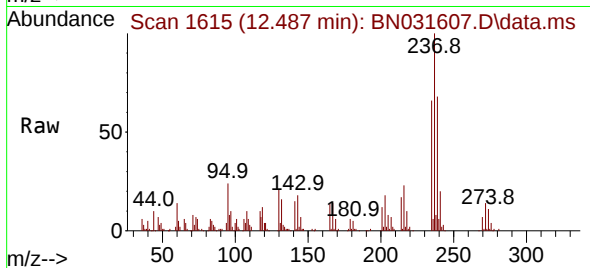
Tgt Ion:216 Resp: 167588
Ion Ratio Lower Upper
216 100
214 75.7 64.0 96.0
179 21.8 16.8 25.2
108 19.0 15.5 23.3





#40
Hexachlorocyclopentadiene
Concen: 4.269 ng/ul
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

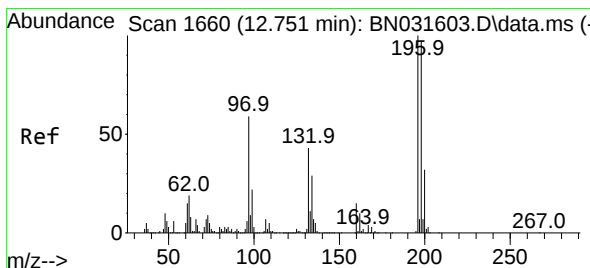
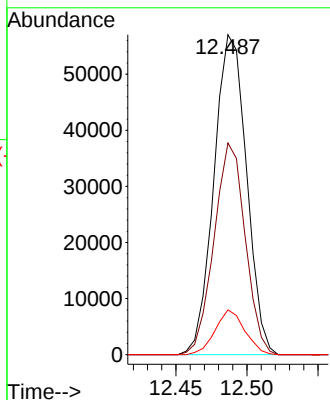
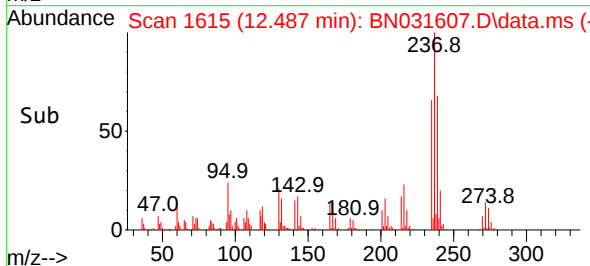
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:237 Resp: 91050
Ion Ratio Lower Upper
237 100
235 66.2 51.3 76.9
272 14.8 10.1 15.1

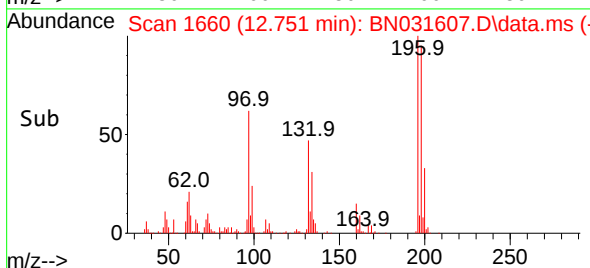
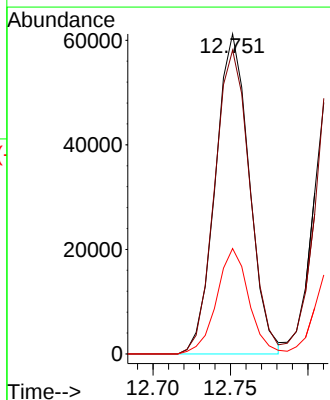
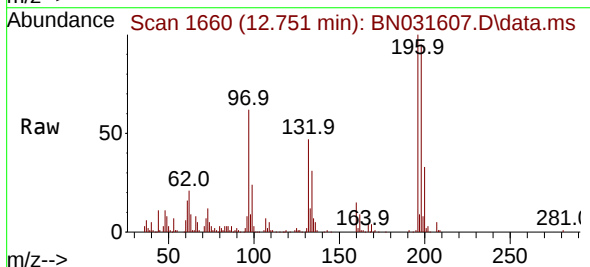
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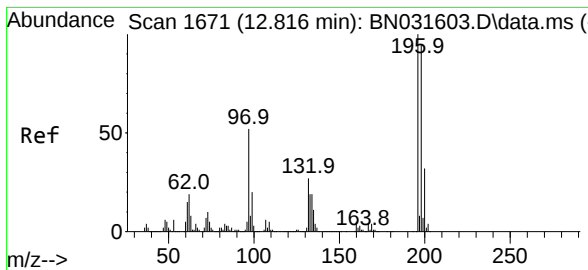
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#41
2,4,6-Trichlorophenol
Concen: 4.229 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

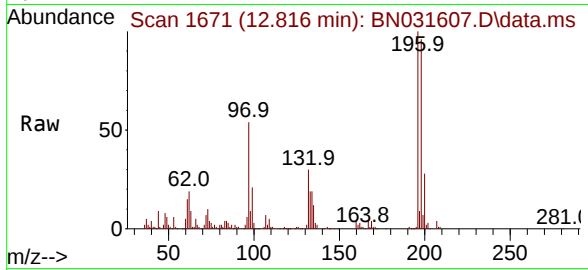
Tgt Ion:196 Resp: 92969
Ion Ratio Lower Upper
196 100
198 94.9 79.4 119.2
200 33.0 24.0 36.0





#42
2,4,5-Trichlorophenol
Concen: 4.430 ng/ul
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

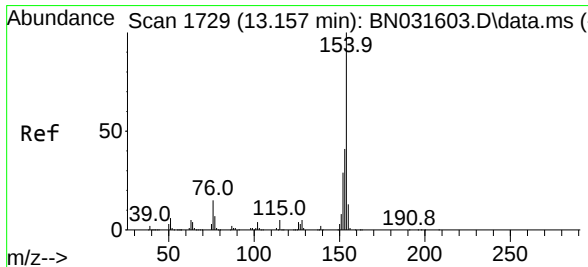
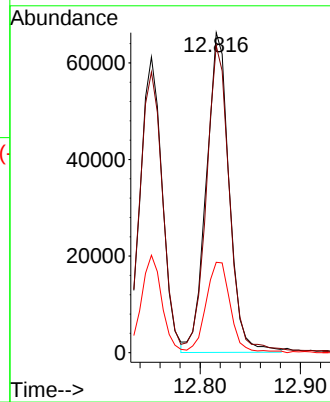
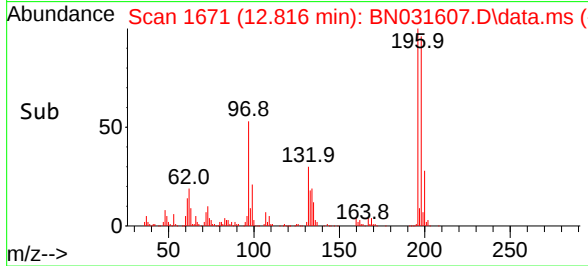
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



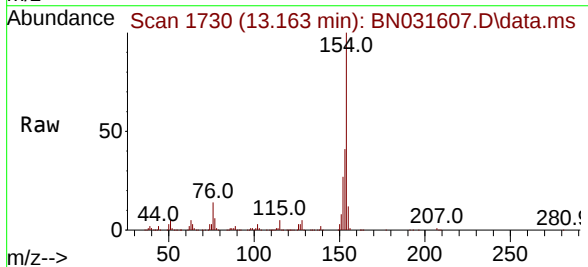
Tgt Ion:196 Resp: 10541
Ion Ratio Lower Upper
196 100
198 95.9 71.9 107.9
200 28.3 23.2 34.8

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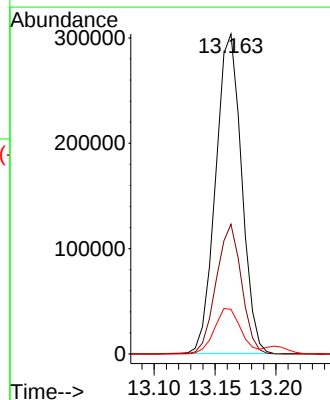
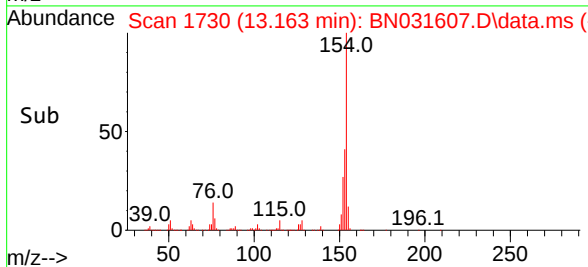
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

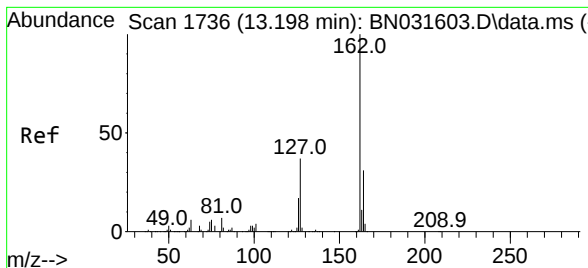


#43
1,1'-Biphenyl
Concen: 4.971 ng/ul
RT: 13.163 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



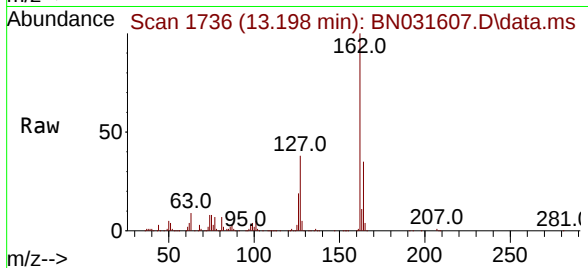
Tgt Ion:154 Resp: 450501
Ion Ratio Lower Upper
154 100
153 40.5 32.6 48.8
76 13.9 11.3 16.9





#44
2-Chloronaphthalene
Concen: 4.907 ng/ul
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

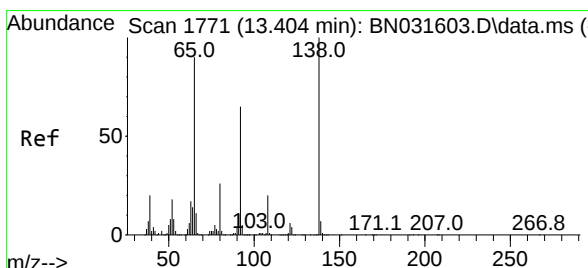
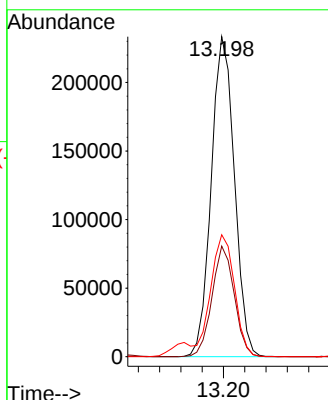
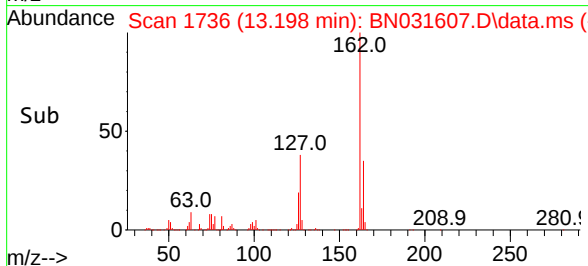
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:162 Resp: 352158
Ion Ratio Lower Upper
162 100
164 34.6 26.6 39.8
127 38.1 30.8 46.2

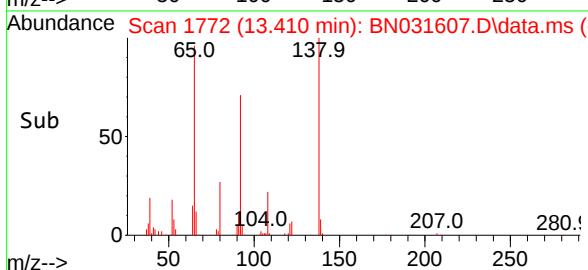
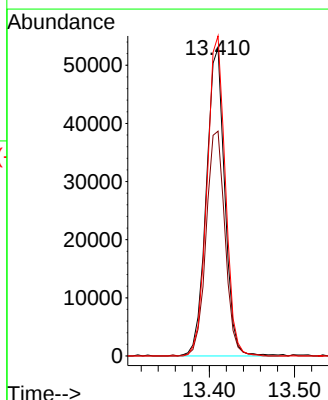
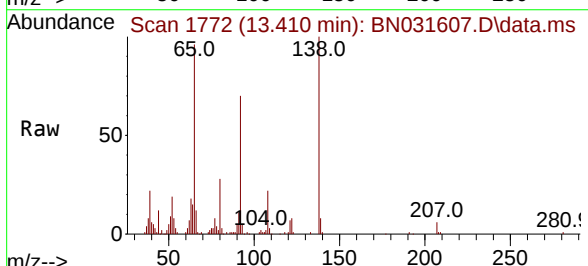
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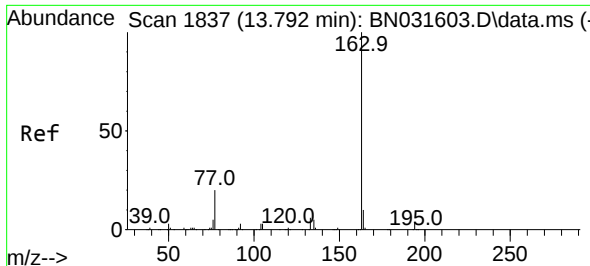
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#45
2-Nitroaniline
Concen: 4.240 ng/ul
RT: 13.410 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

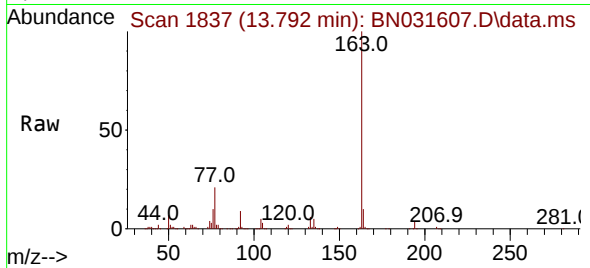
Tgt Ion: 65 Resp: 79657
Ion Ratio Lower Upper
65 100
92 73.0 60.2 90.4
138 103.9 88.6 132.8





#47
Dimethylphthalate
Concen: 5.255 ng/ul
RT: 13.792 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

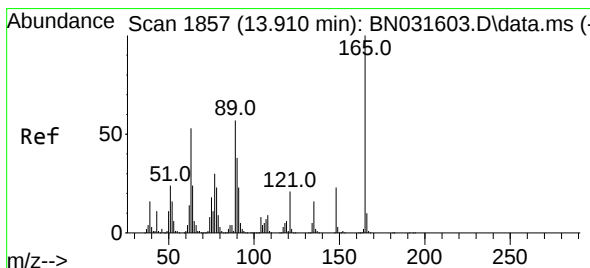
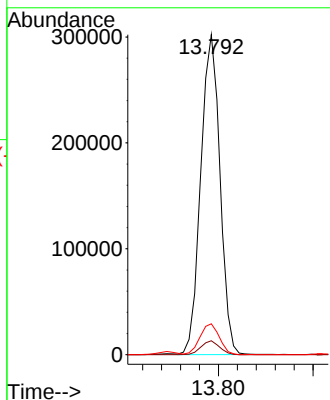
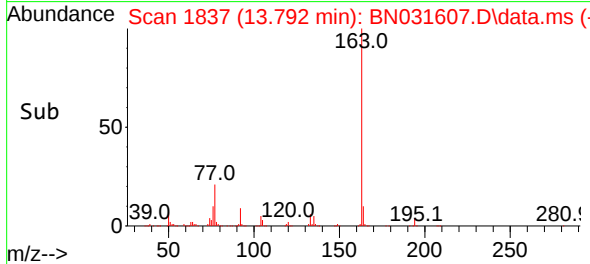
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:163 Resp: 424828
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.6 7.8 11.6

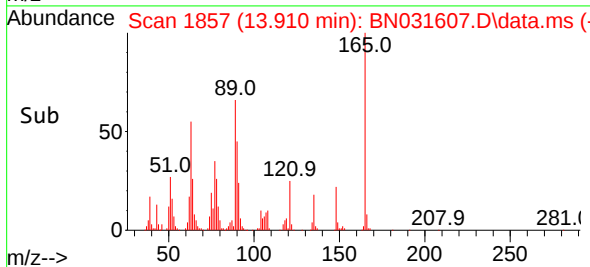
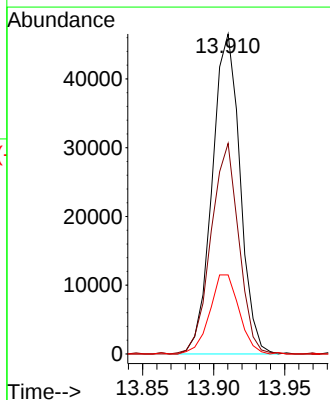
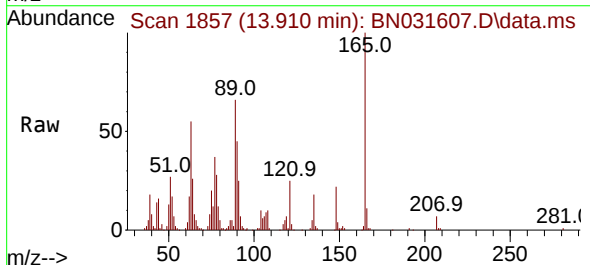
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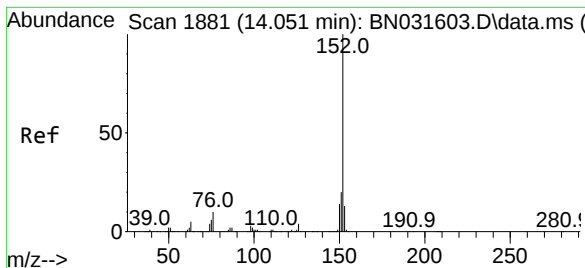
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#48
2,6-Dinitrotoluene
Concen: 4.123 ng/ul
RT: 13.910 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

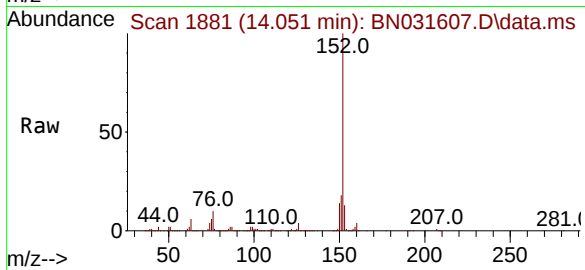
Tgt Ion:165 Resp: 63525
Ion Ratio Lower Upper
165 100
89 65.8 47.0 70.6
121 24.7 18.7 28.1





#50
Acenaphthylene
Concen: 5.157 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

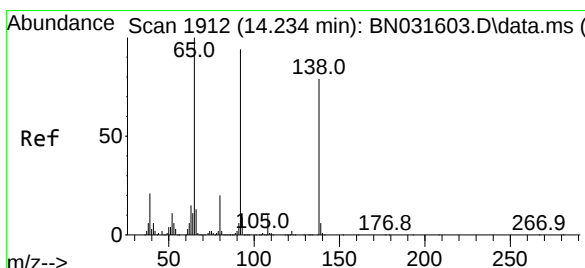
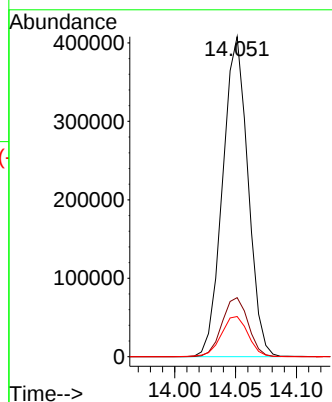
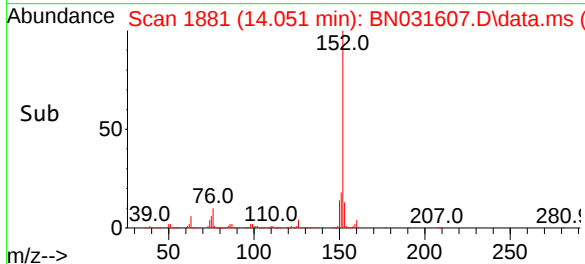
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:152 Resp: 59111
Ion Ratio Lower Upper
152 100
151 18.5 15.6 23.4
153 12.6 10.8 16.2

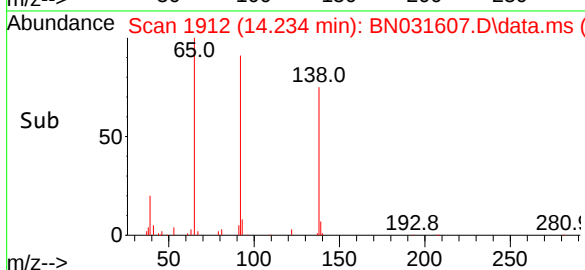
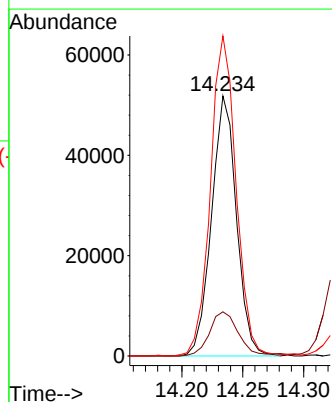
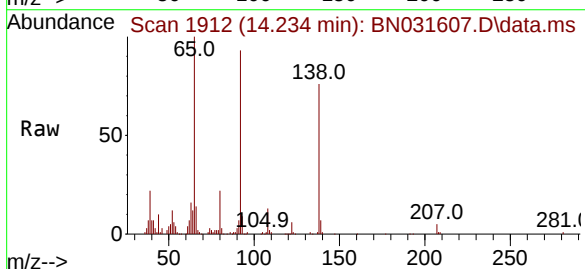
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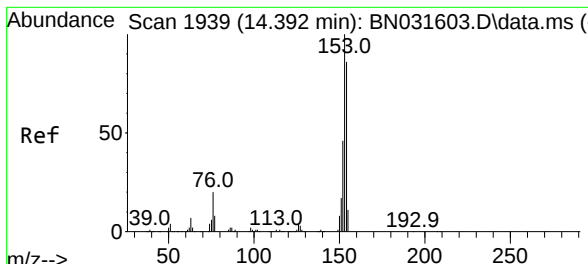
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#51
3-Nitroaniline
Concen: 4.221 ng/ul
RT: 14.234 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

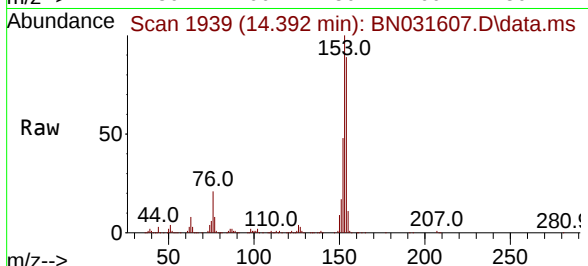
Tgt Ion:138 Resp: 73812
Ion Ratio Lower Upper
138 100
108 17.0 10.7 16.1#
92 123.1 94.6 141.8





#52
 Acenaphthene
 Concen: 5.061 ng/ul
 RT: 14.392 min Scan# 1939
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

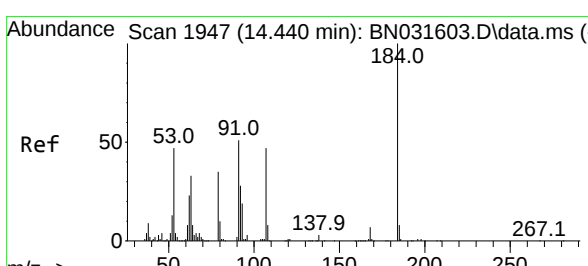
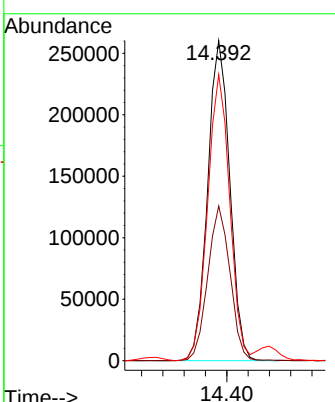
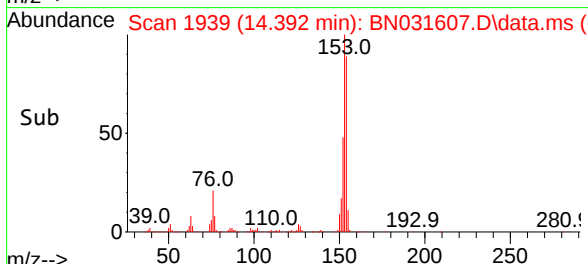
Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04



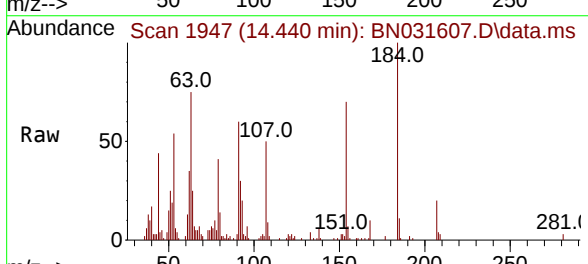
Tgt Ion:153 Resp: 37584

Ion	Ratio	Lower	Upper
153	100		
152	48.3	40.5	60.7
154	89.4	76.6	114.8

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 Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

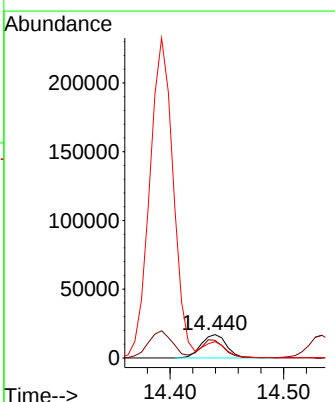
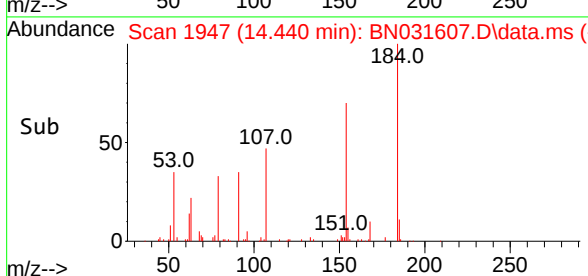


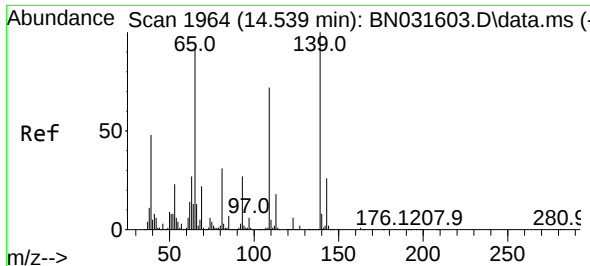
#53
 2,4-Dinitrophenol
 Concen: 3.761 ng/ul
 RT: 14.440 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13



Tgt Ion:184 Resp: 26607

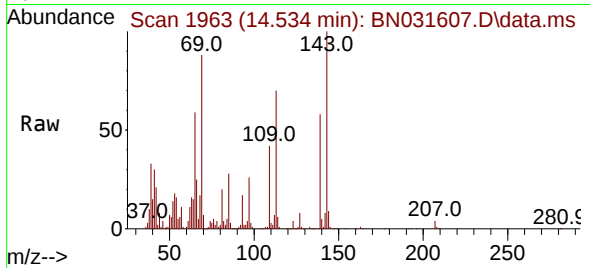
Ion	Ratio	Lower	Upper
184	100		
63	75.3	50.7	76.1
154	69.8	49.1	73.7





#55
4-Nitrophenol
Concen: 5.336 ng/ul
RT: 14.534 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

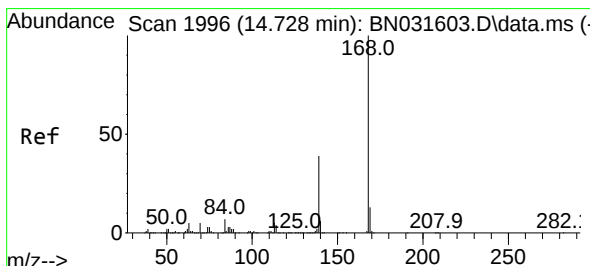
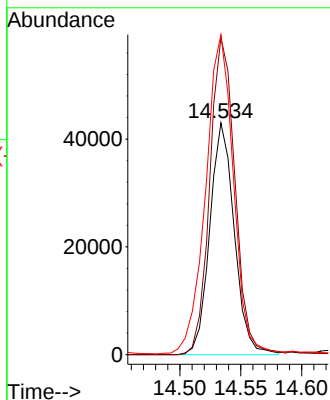
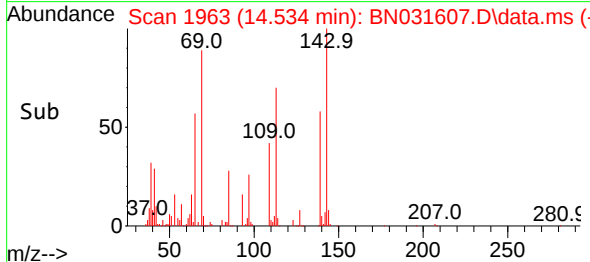
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:109 Resp: 6026
Ion Ratio Lower Upper
109 100
139 136.8 113.8 170.6
65 138.0 101.1 151.7

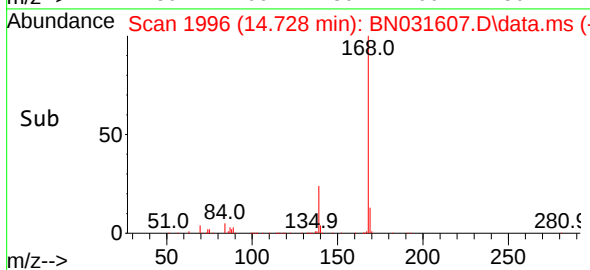
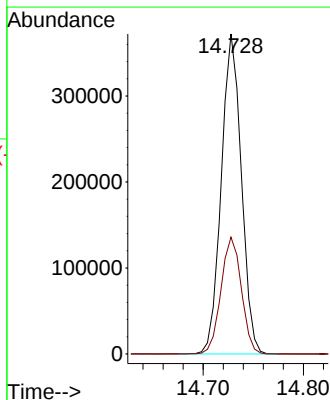
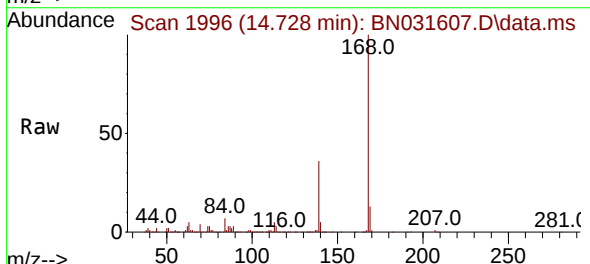
Manual Integrations
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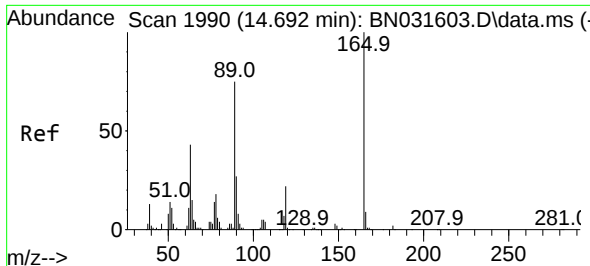
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#56
Dibenzofuran
Concen: 5.203 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

Tgt Ion:168 Resp: 515809
Ion Ratio Lower Upper
168 100
139 36.5 29.2 43.8





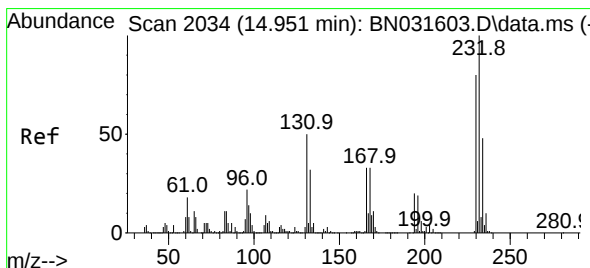
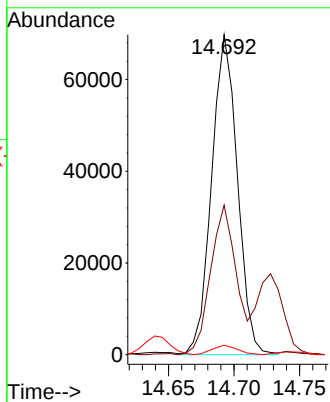
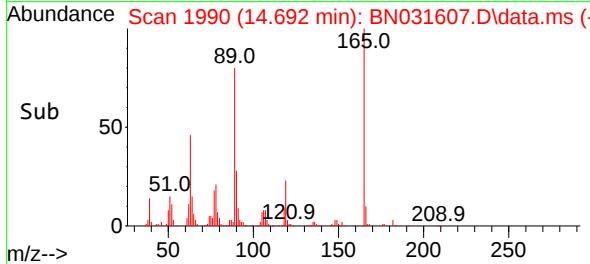
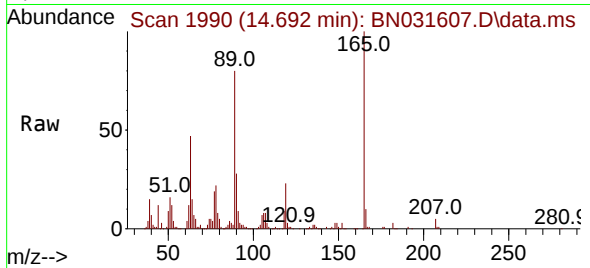
#57
2,4-Dinitrotoluene
Concen: 4.622 ng/ul
RT: 14.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion:165 Resp: 95390
Ion Ratio Lower Upper
165 100
63 46.7 35.1 52.7
182 2.9 2.4 3.6

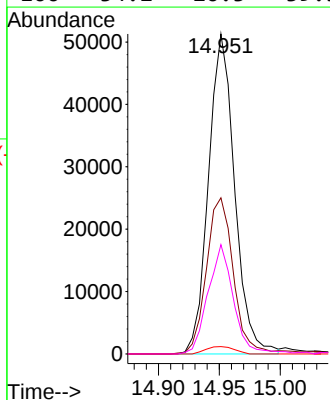
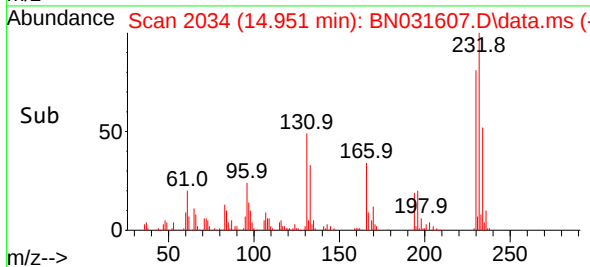
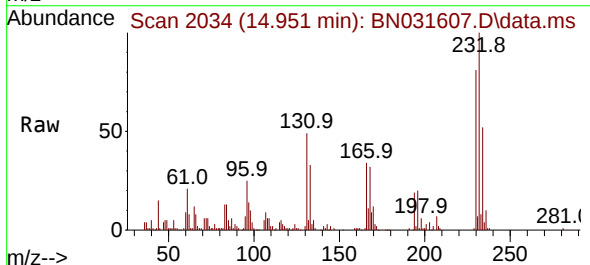
Manual Integrations
APPROVED

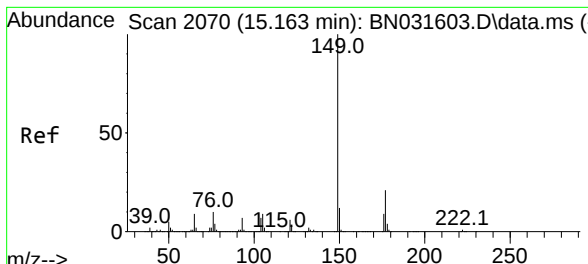
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.442 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

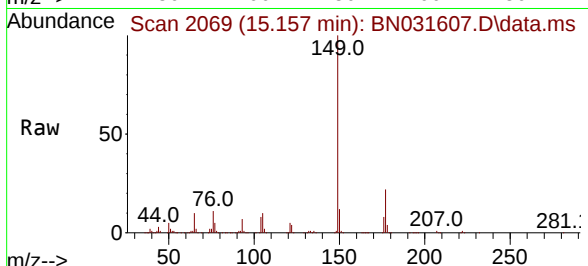
Tgt Ion:232 Resp: 76785
Ion Ratio Lower Upper
232 100
131 48.8 39.2 58.8
130 2.3 2.1 3.1
166 34.2 26.3 39.5





#59
Diethylphthalate
 Concen: 5.322 ng/ul
 RT: 15.157 min Scan# 2069
 Delta R.T. -0.006 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

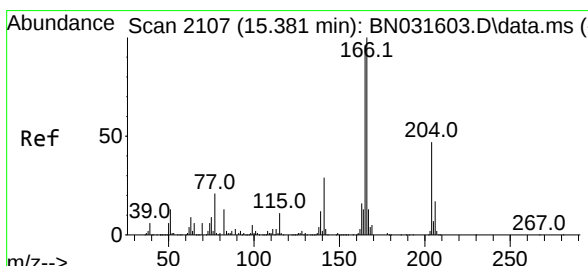
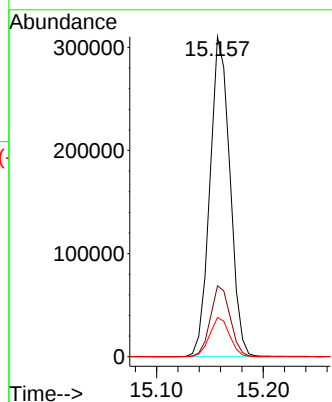
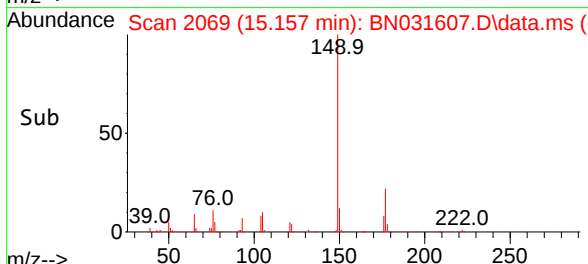


Tgt Ion:149 Resp: 405400

Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.3	24.5
150	12.3	10.0	15.0

Manual Integrations
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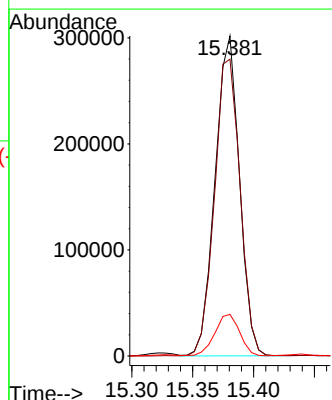
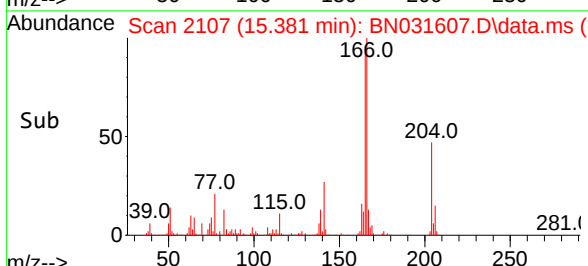
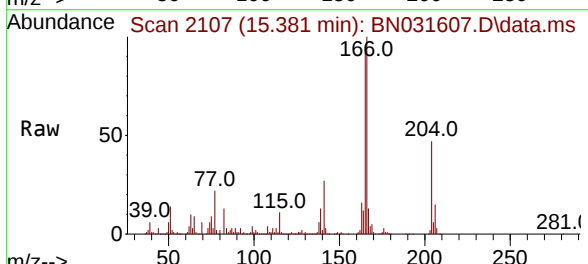
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

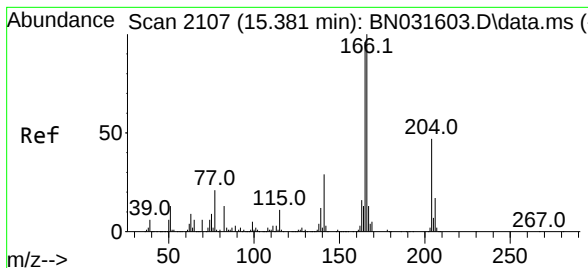


#61
Fluorene
 Concen: 5.413 ng/ul
 RT: 15.381 min Scan# 2107
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

Tgt Ion:166 Resp: 420355

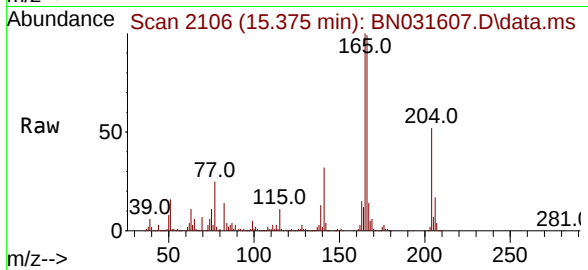
Ion	Ratio	Lower	Upper
166	100		
165	92.7	77.0	115.6
167	13.0	10.9	16.3





#62
4-Chlorophenyl-phenylether
Concen: 5.404 ng/ul
RT: 15.375 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

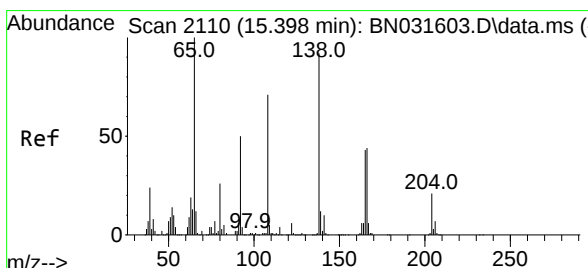
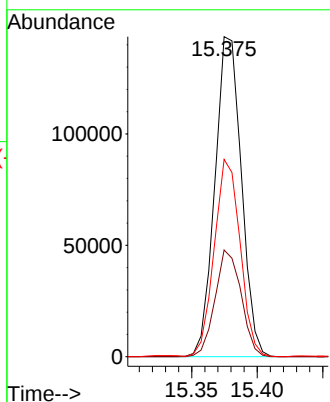
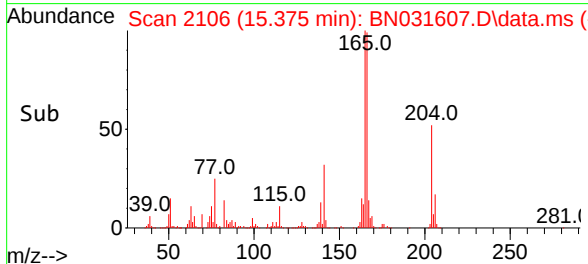
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:204 Resp: 202038
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 61.7 46.5 69.7

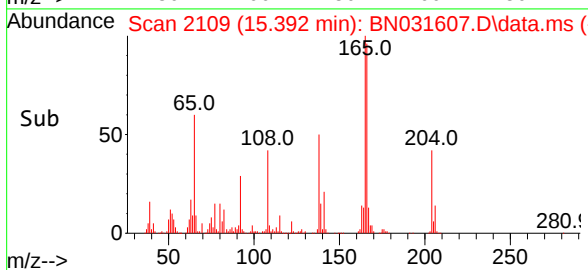
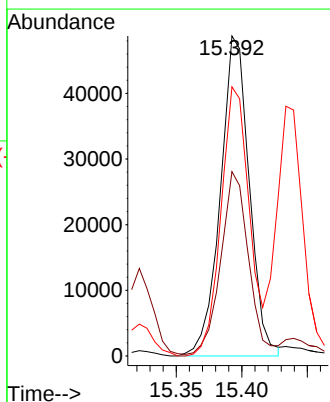
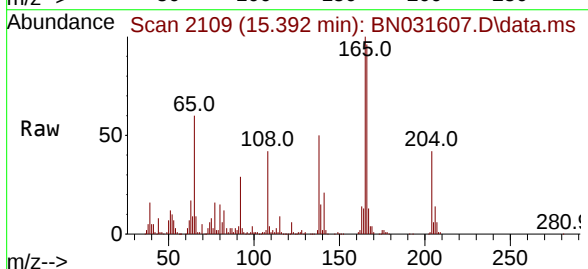
Manual Integrations
APPROVED

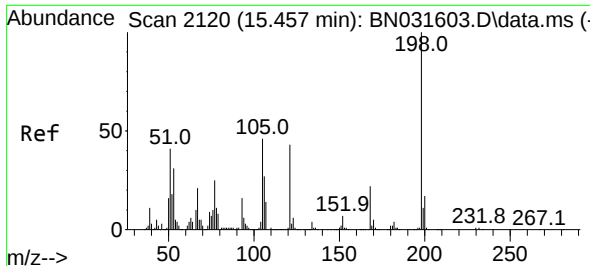
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#63
4-Nitroaniline
Concen: 4.759 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

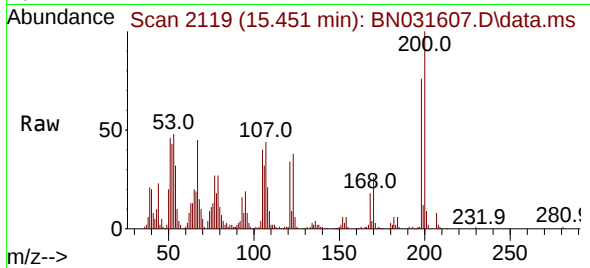
Tgt Ion:138 Resp: 74641
Ion Ratio Lower Upper
138 100
92 57.6 40.7 61.1
108 84.1 57.1 85.7





#66
4,6-Dinitro-2-methylphenol
Concen: 4.125 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

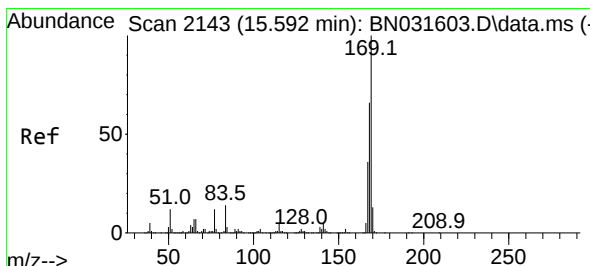
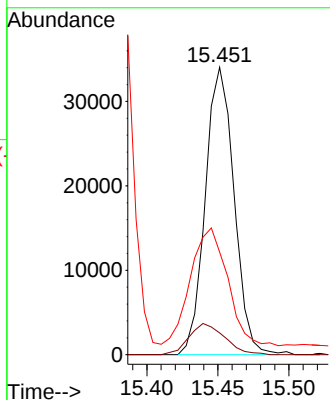
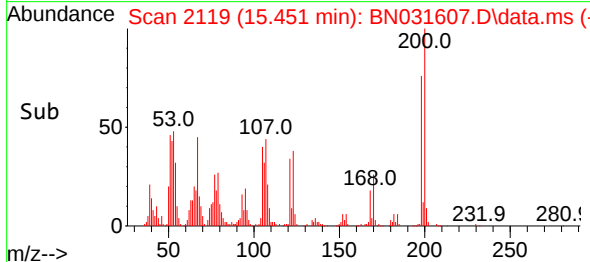
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



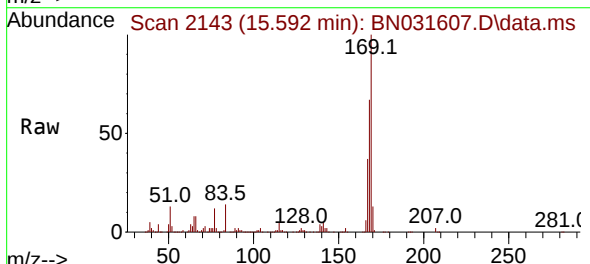
Tgt Ion:198 Resp: 4808
Ion Ratio Lower Upper
198 100
182 7.6 3.9 5.9
77 35.7 24.2 36.2

Manual Integrations
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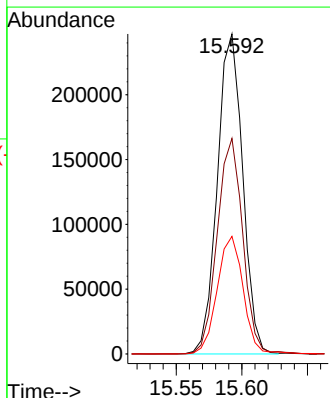
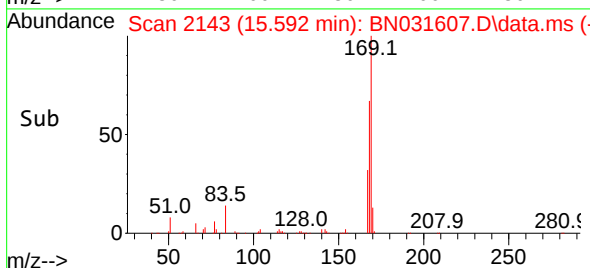
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

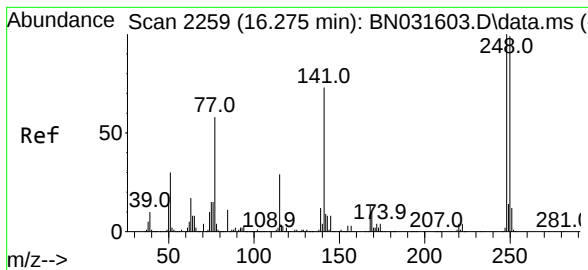


#67
N-Nitrosodiphenylamine
Concen: 4.589 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



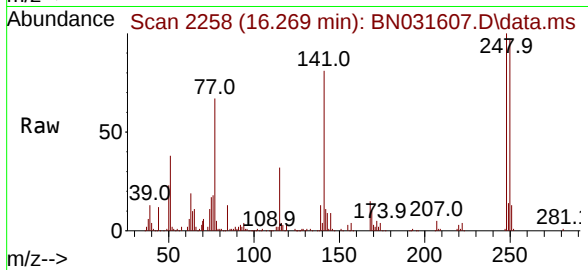
Tgt Ion:169 Resp: 332117
Ion Ratio Lower Upper
169 100
168 67.4 52.5 78.7
167 36.8 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.524 ng/ul
RT: 16.269 min Scan# 21198
Delta R.T. -0.006 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

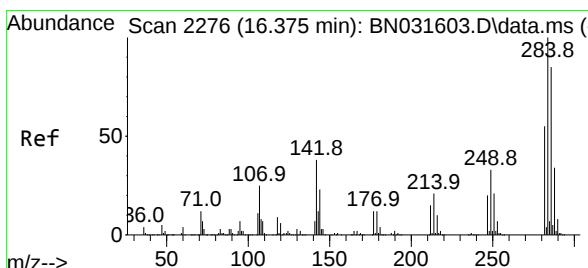
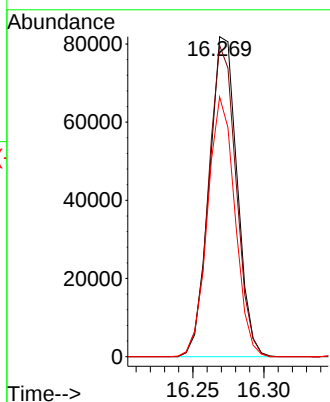
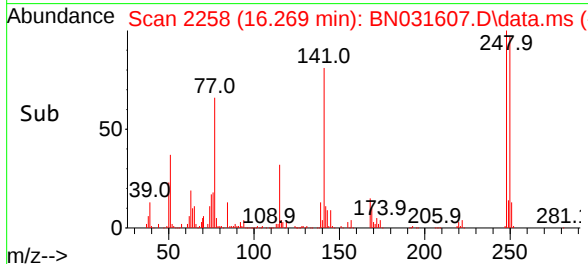
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



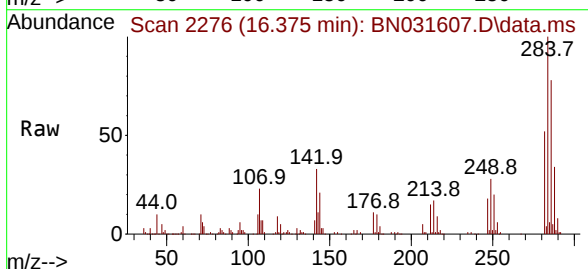
Tgt Ion:248 Resp: 111989
Ion Ratio Lower Upper
248 100
250 97.3 79.6 119.4
141 81.2 61.4 92.0

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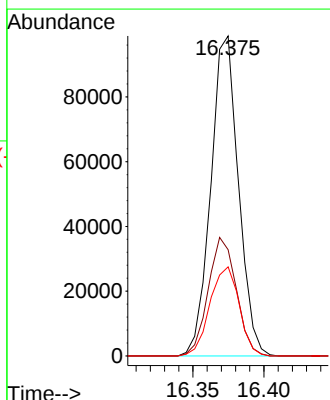
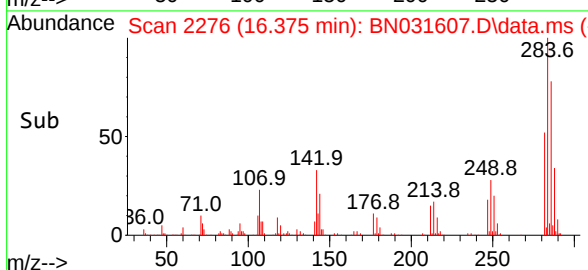
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

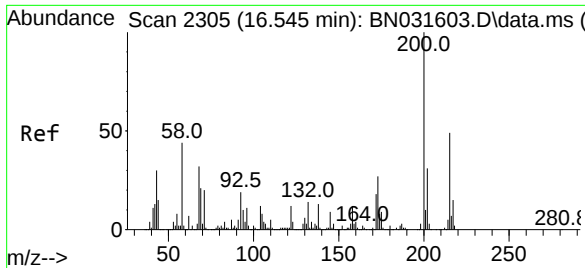


#69
Hexachlorobenzene
Concen: 5.012 ng/ul
RT: 16.375 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



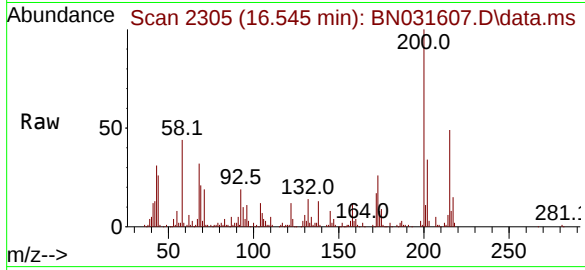
Tgt Ion:284 Resp: 133905
Ion Ratio Lower Upper
284 100
142 33.2 33.0 49.4
249 27.9 26.4 39.6





#70
Atrazine
Concen: 5.434 ng/ul
RT: 16.545 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

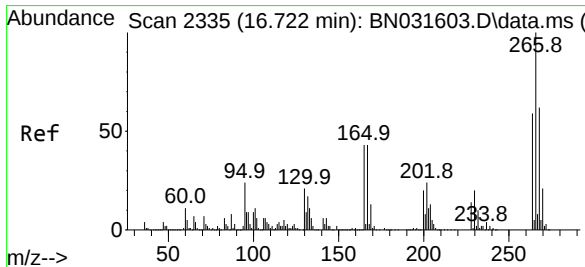
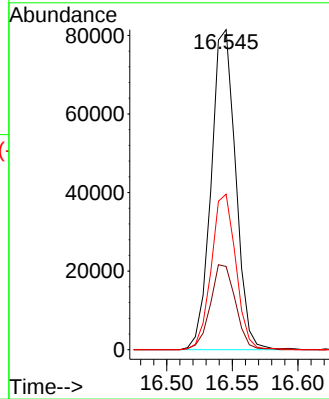
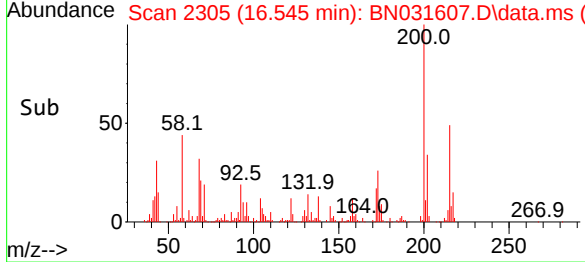
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



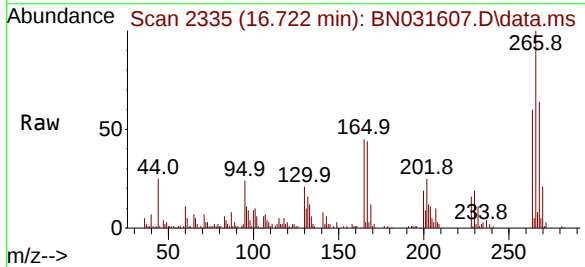
Tgt Ion:200 Resp: 105832
Ion Ratio Lower Upper
200 100
173 26.0 22.1 33.1
215 48.6 39.4 59.0

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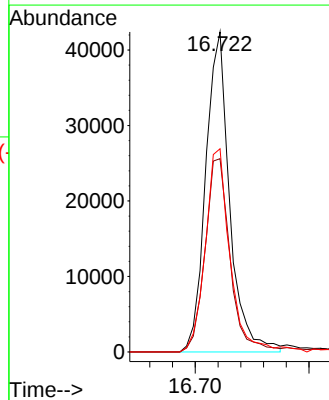
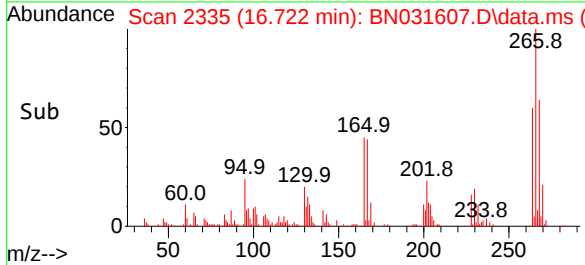
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

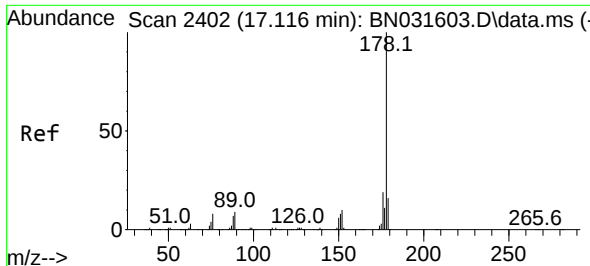


#71
Pentachlorophenol
Concen: 4.074 ng/ul
RT: 16.722 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



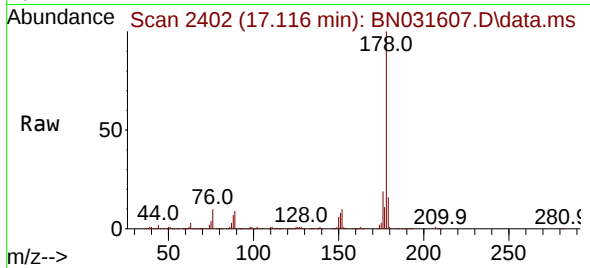
Tgt Ion:266 Resp: 62075
Ion Ratio Lower Upper
266 100
264 60.4 45.8 68.6
268 63.5 47.4 71.0





#72
Phenanthrene
Concen: 4.992 ng/u1
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

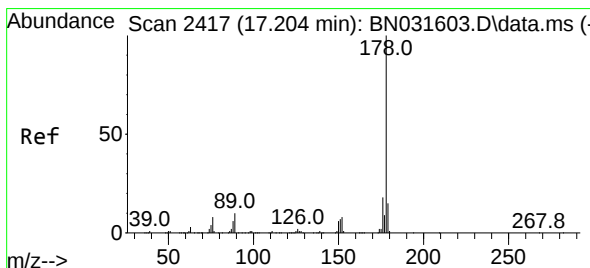
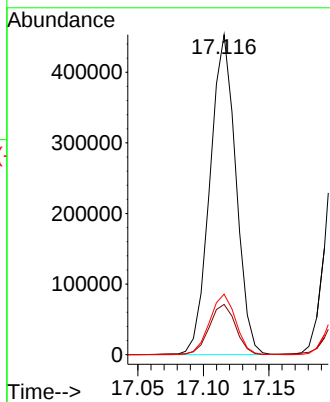
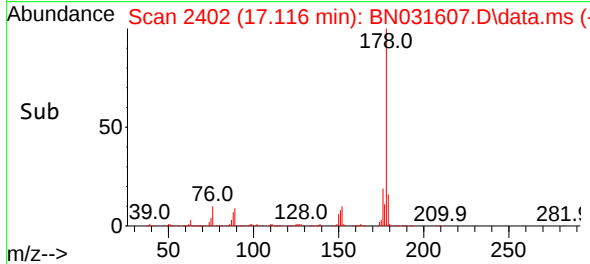
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



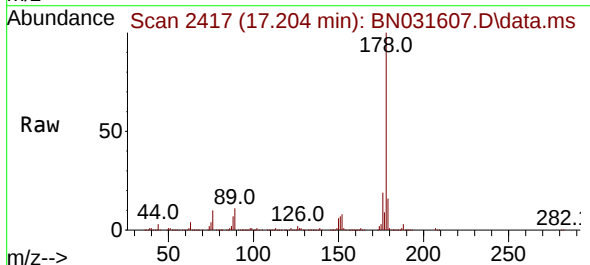
Tgt Ion:178 Resp: 622878
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.9 15.2 22.8

Manual Integrations
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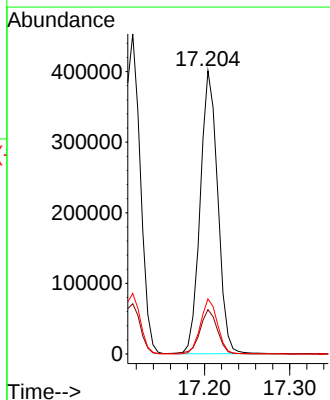
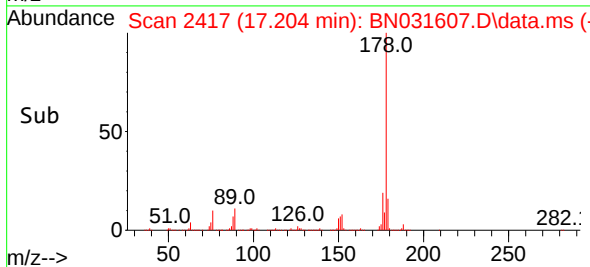
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

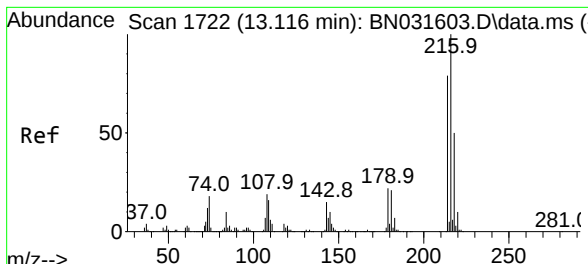


#74
Anthracene
Concen: 4.565 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13



Tgt Ion:178 Resp: 571455
Ion Ratio Lower Upper
178 100
179 15.7 11.9 17.9
176 19.4 15.4 23.2



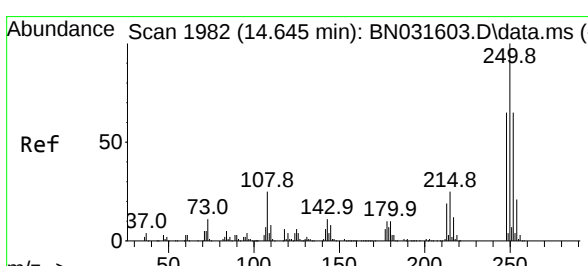
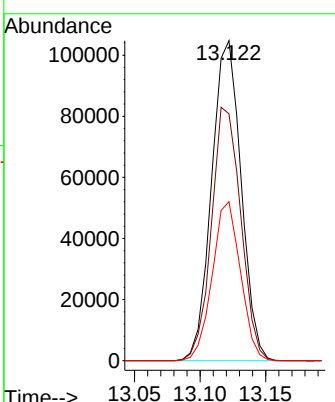
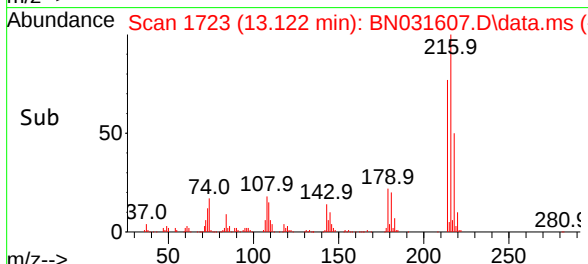
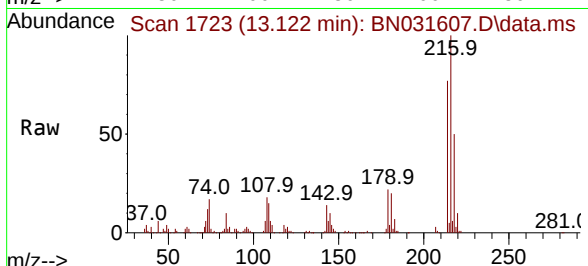


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.196 ng/uL
 RT: 13.122 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04

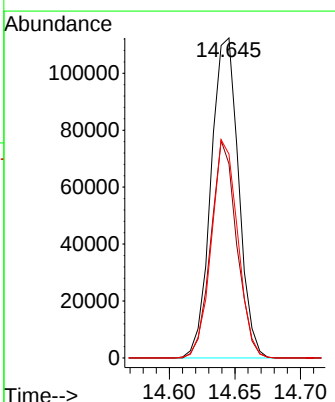
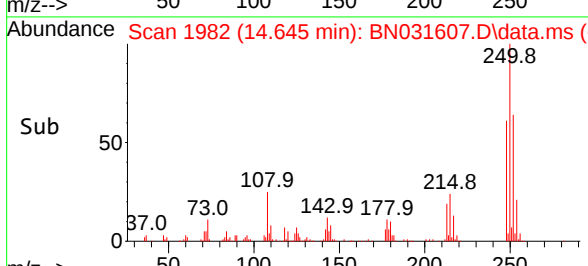
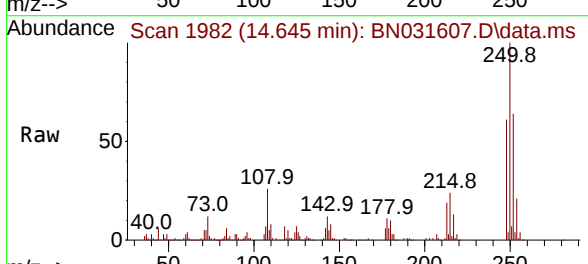
Tgt Ion:	216	Resp:	16398
Ion Ratio	Lower	Upper	
216	100		
214	77.2	61.7	92.5
218	49.7	39.0	58.6

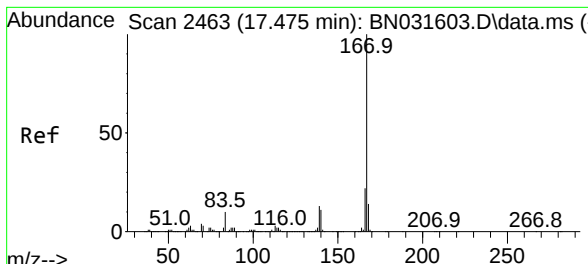
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024



#76
 Pentachlorobenzene
 Concen: 4.641 ng/uL
 RT: 14.645 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

Tgt Ion:	250	Resp:	164249
Ion Ratio	Lower	Upper	
250	100		
248	60.7	47.3	70.9
252	63.7	51.0	76.4



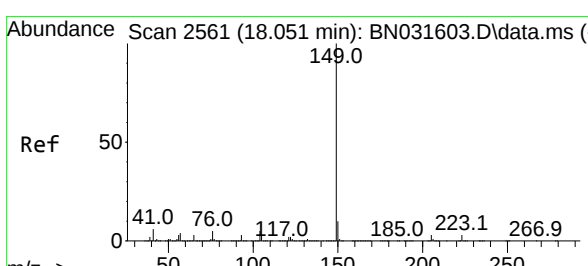
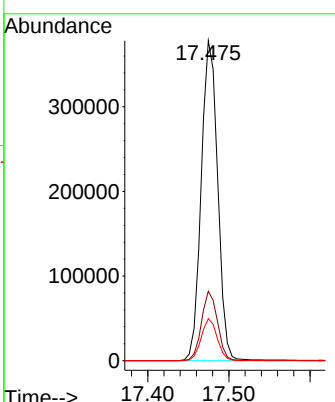
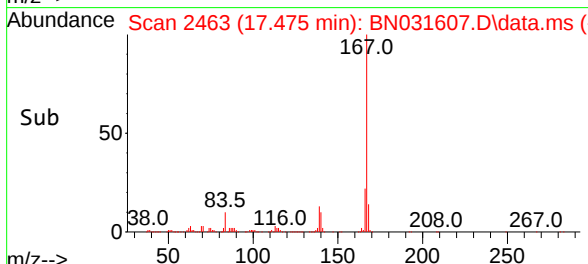
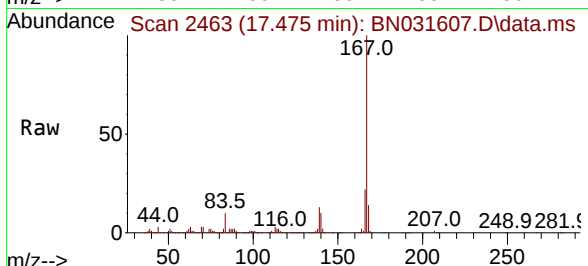


#77
 Carbazole
 Concen: 4.983 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

Instrument : BNA_N
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04

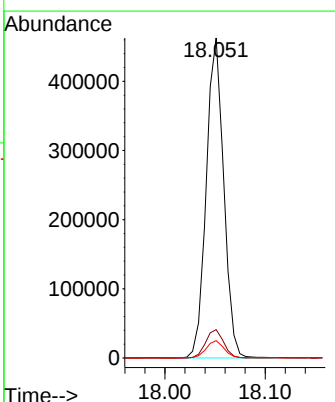
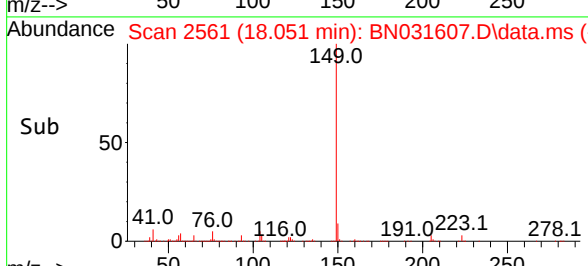
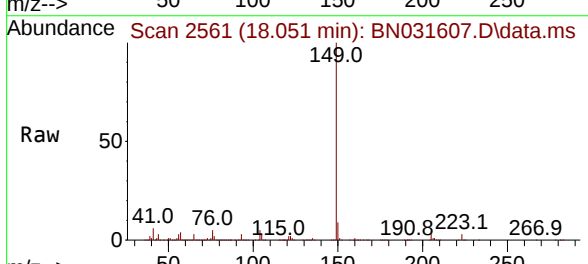
Tgt Ion:	167	Resp:	53228
Ion Ratio	Lower	Upper	
167	100		
166	21.7	16.7	25.1
139	13.1	10.5	15.7

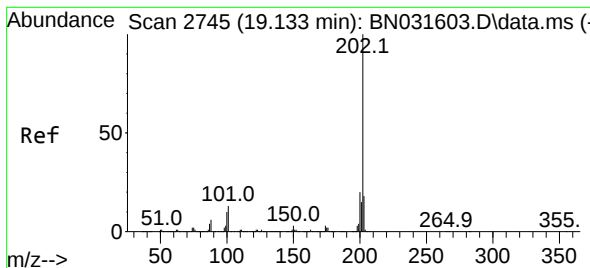
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024



#78
 Di-n-butylphthalate
 Concen: 4.565 ng/ul
 RT: 18.051 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BN031607.D
 Acq: 22 May 2024 15:13

Tgt Ion:	149	Resp:	559856
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.0	10.6
104	5.4	4.2	6.2





#80

Fluoranthene

Concen: 4.918 ng/ul

RT: 19.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

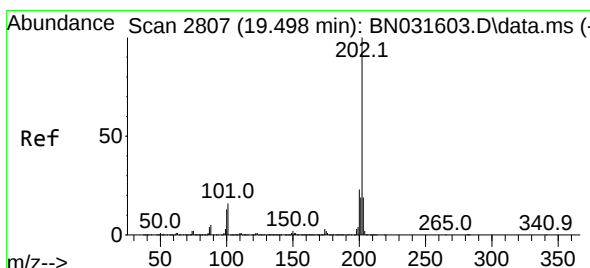
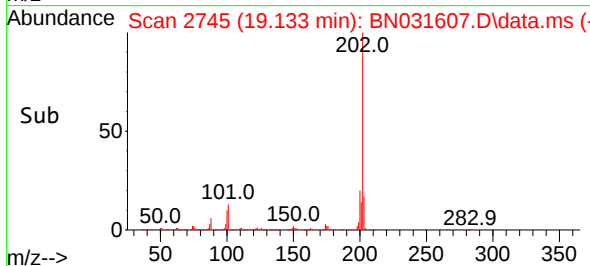
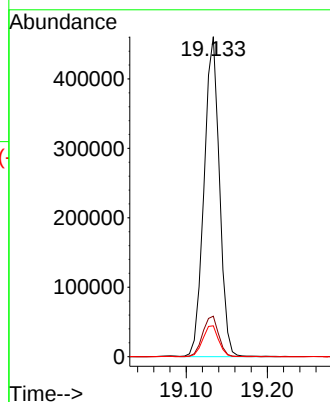
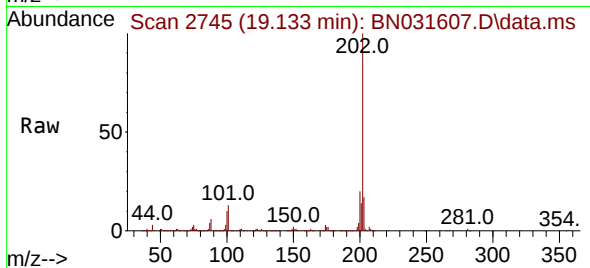
Tgt Ion:202 Resp: 606024
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.1 15.1
 100 9.6 8.0 12.0

Manual Integrations

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Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#82

Pyrene

Concen: 5.076 ng/ul

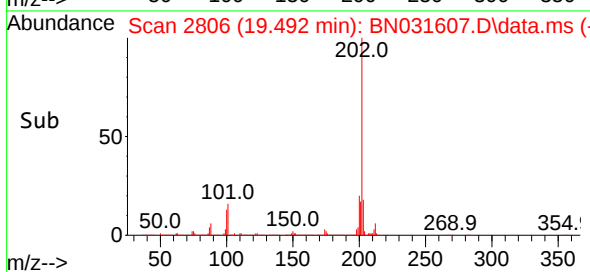
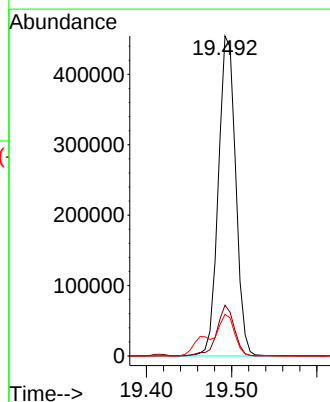
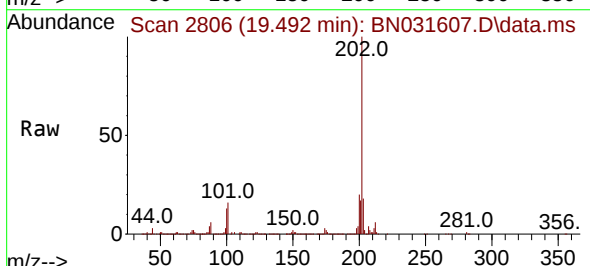
RT: 19.492 min Scan# 2806

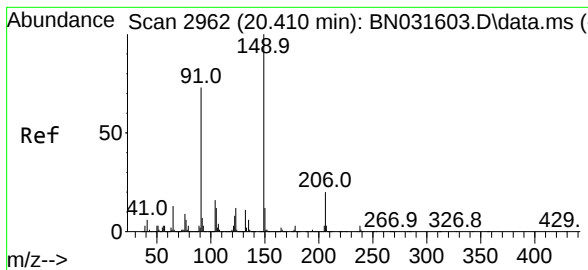
Delta R.T. -0.006 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

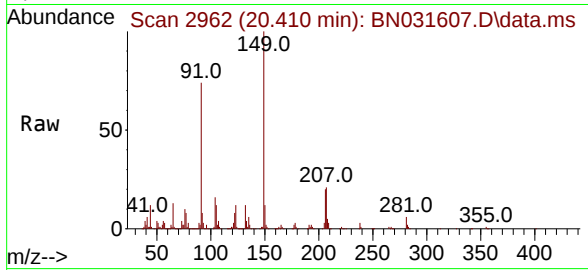
Tgt Ion:202 Resp: 641485
 Ion Ratio Lower Upper
 202 100
 101 15.9 11.4 17.2
 100 13.0 9.3 13.9





#83
Butylbenzylphthalate
Concen: 4.073 ng/ul
RT: 20.410 min Scan# 2962
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

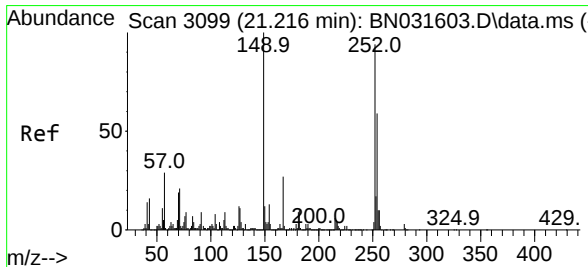
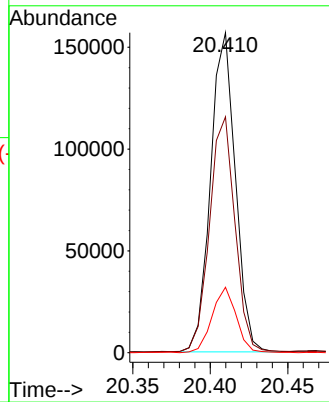
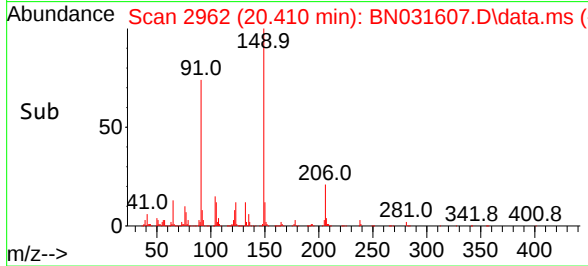
Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:149 Resp: 17469
Ion Ratio Lower Upper
149 100
91 73.7 60.8 91.2
206 20.5 15.8 23.8

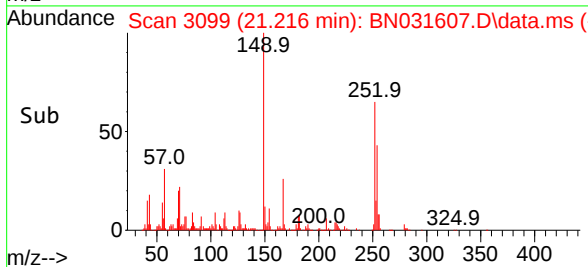
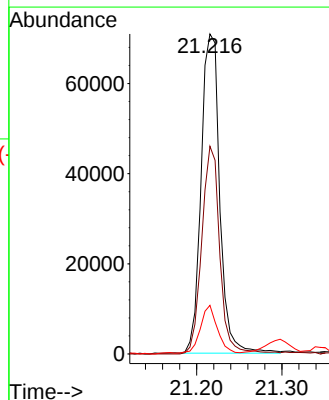
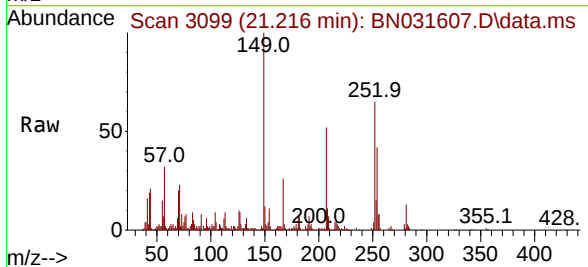
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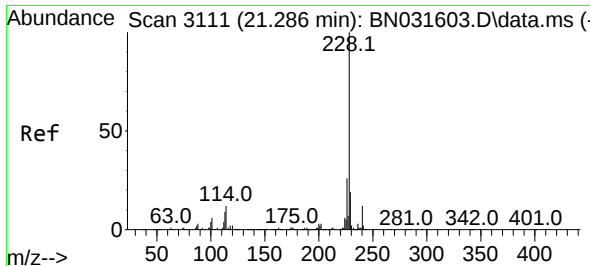
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#84
3,3'-Dichlorobenzidine
Concen: 3.526 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

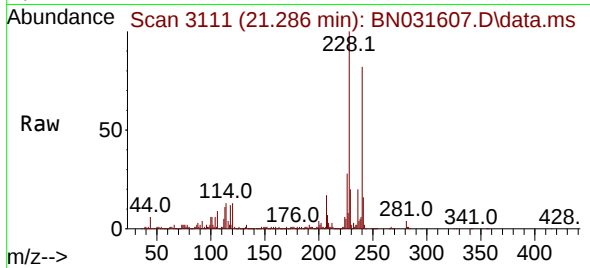
Tgt Ion:252 Resp: 107754
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.0
126 15.2 10.6 15.8





#85
Benzo(a)anthracene
Concen: 4.483 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

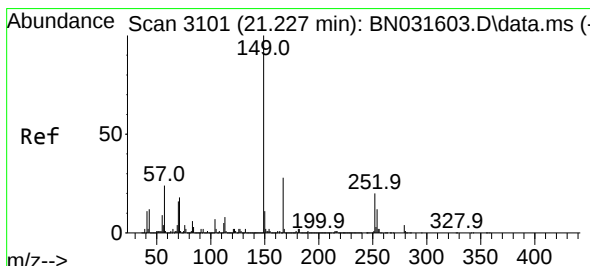
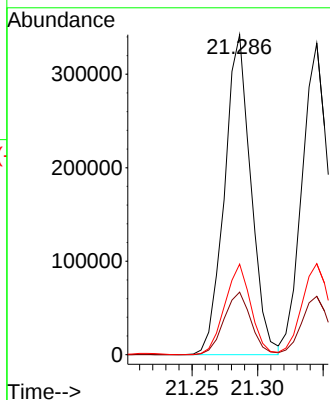
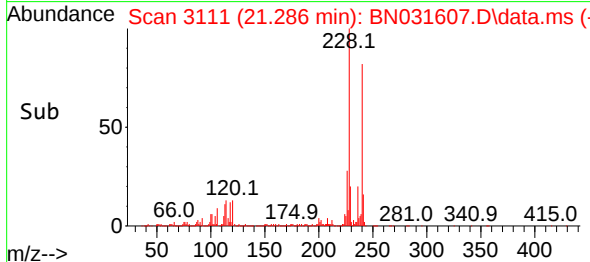
Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:228 Resp: 479068
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 28.3 21.9 32.9

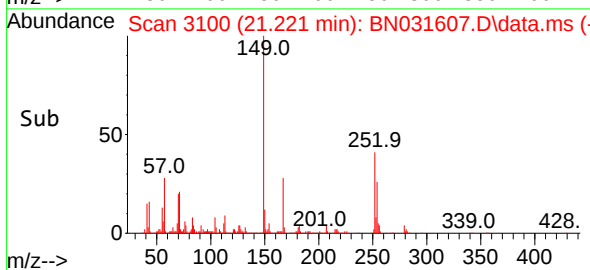
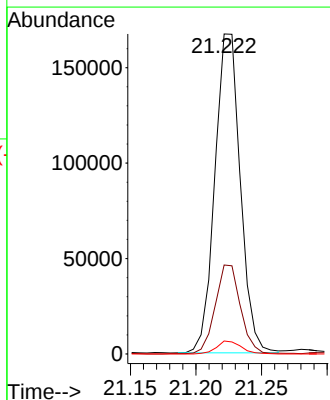
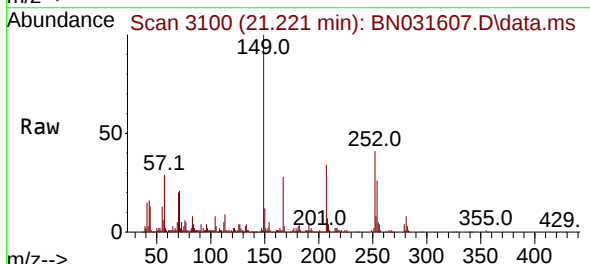
Manual Integrations
APPROVED

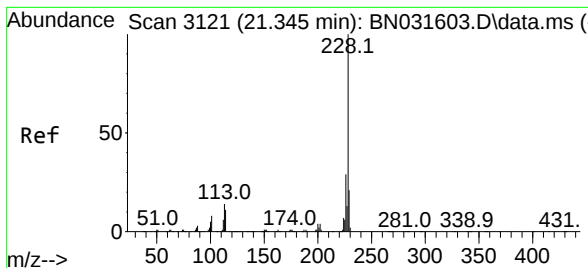
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.842 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN031607.D
Acq: 22 May 2024 15:13

Tgt Ion:149 Resp: 225629
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 4.0 2.8 4.2





#87

Chrysene

Concen: 4.820 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

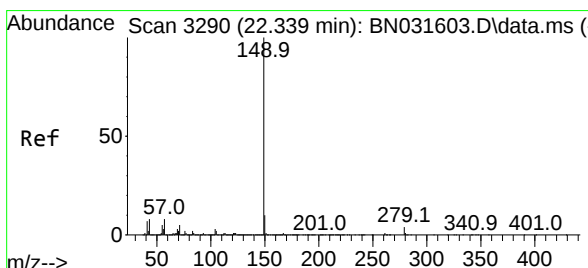
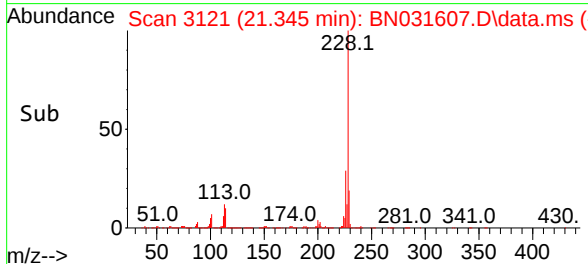
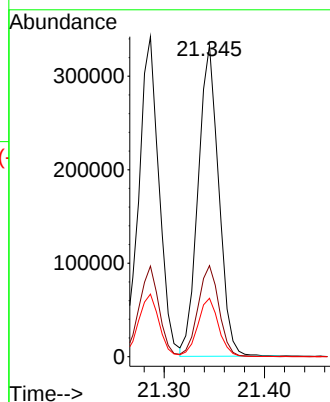
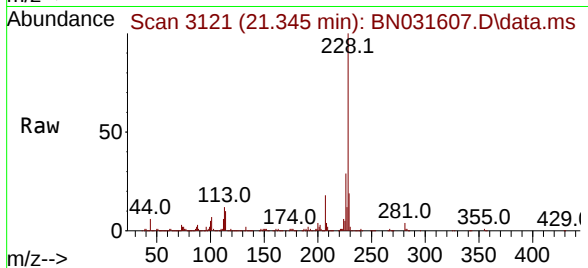
Tgt Ion:228 Resp: 475779
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.9 34.3
 229 18.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#89

Di-n-octyl phthalate

Concen: 3.581 ng/ul

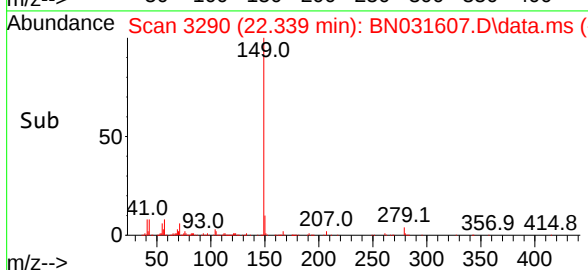
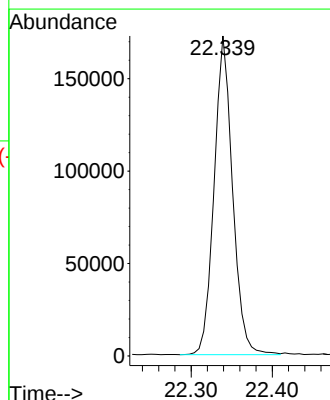
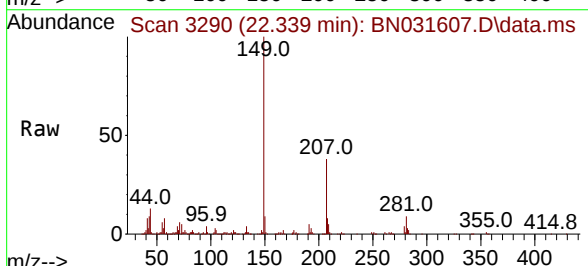
RT: 22.339 min Scan# 3290

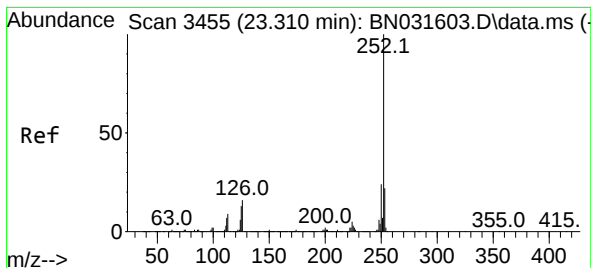
Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Tgt Ion:149 Resp: 272437





#90

Benzo(b)fluoranthene

Concen: 4.761 ng/ul

RT: 23.310 min Scan# 3455

Delta R.T. 0.000 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion:252 Resp: 369838

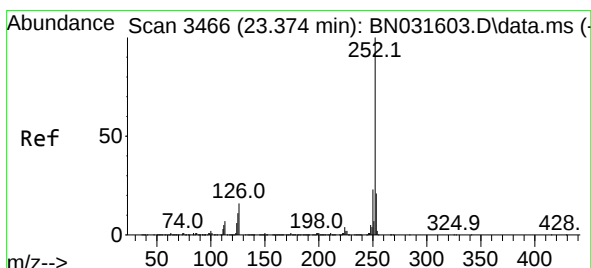
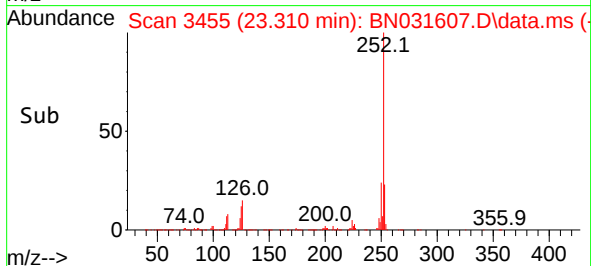
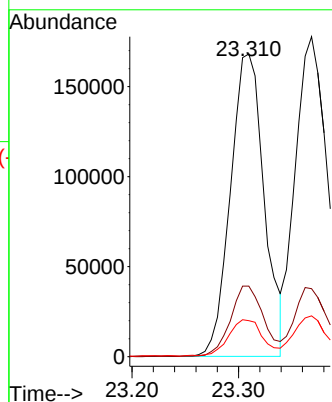
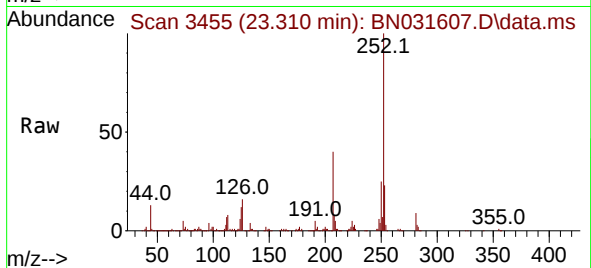
Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.8	25.2
125	11.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#91

Benzo(k)fluoranthene

Concen: 4.756 ng/ul

RT: 23.368 min Scan# 3465

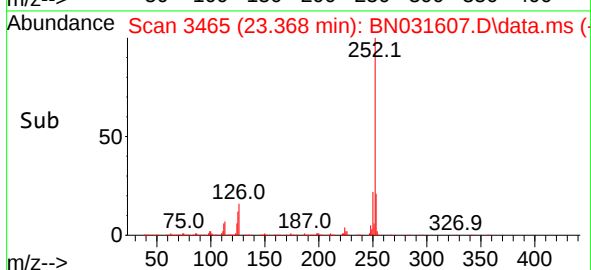
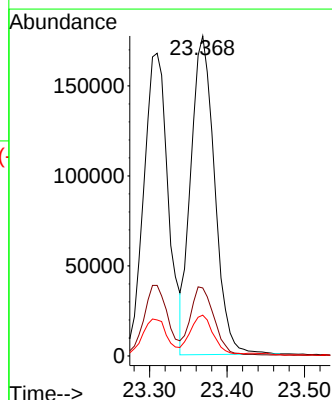
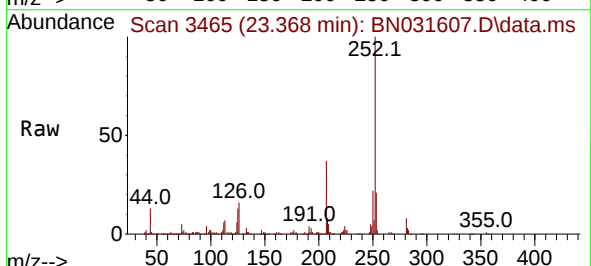
Delta R.T. 0.000 min

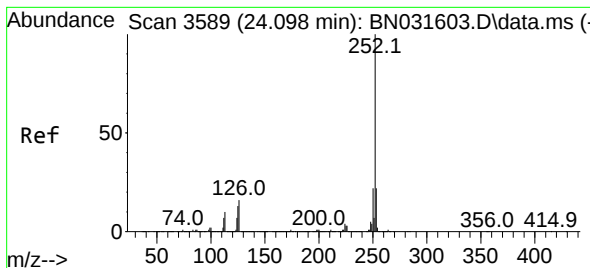
Lab File: BN031607.D

Acq: 22 May 2024 15:13

Tgt Ion:252 Resp: 376660

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	12.8	9.3	13.9





#93

Benzo(a)pyrene

Concen: 4.766 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.006 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion:252 Resp: 35565

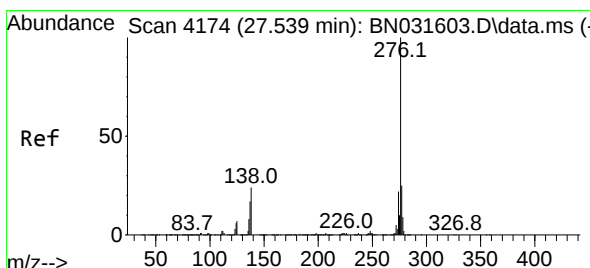
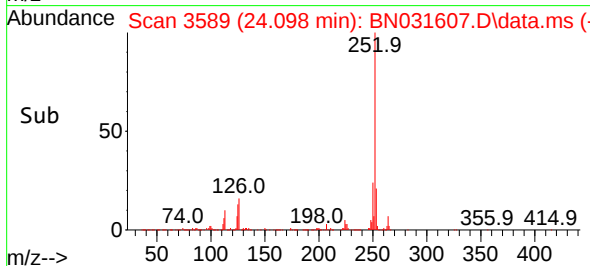
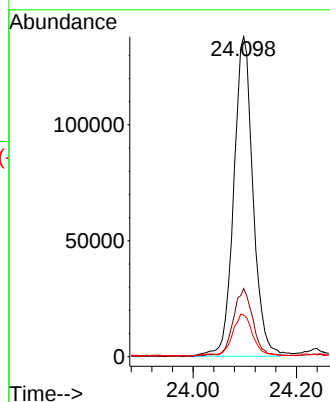
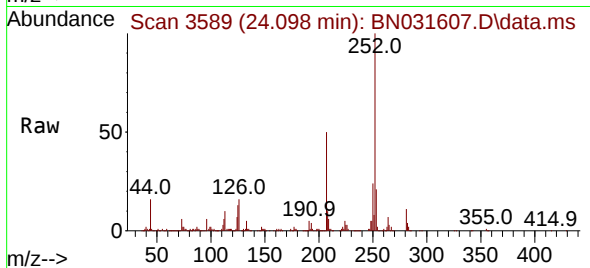
Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.6	24.8
125	13.0	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.150 ng/ul

RT: 27.527 min Scan# 4172

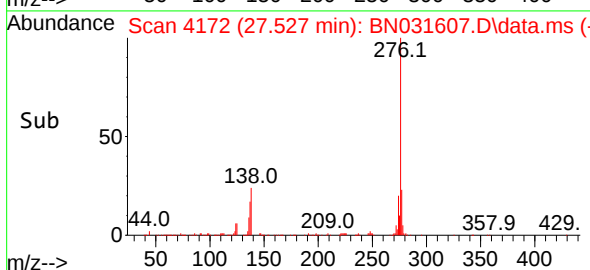
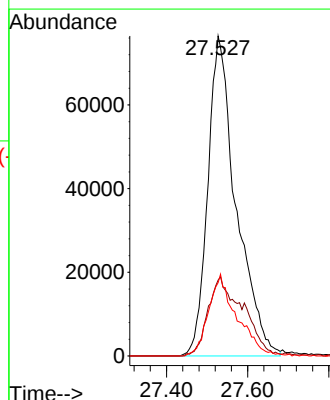
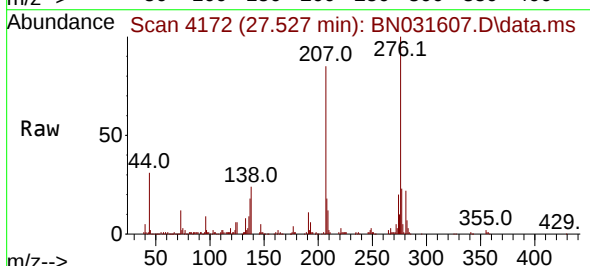
Delta R.T. -0.006 min

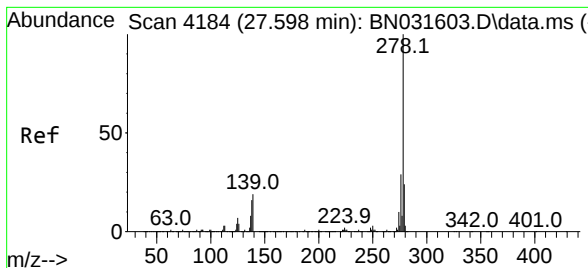
Lab File: BN031607.D

Acq: 22 May 2024 15:13

Tgt Ion:276 Resp: 371663

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.8	29.6
277	22.9	18.2	27.4





#95

Dibenzo(a,h)anthracene

Concen: 4.223 ng/ul

RT: 27.586 min Scan# 4184

Delta R.T. -0.006 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Instrument :

BNA_N

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

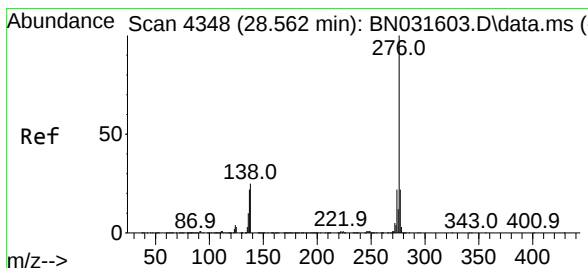
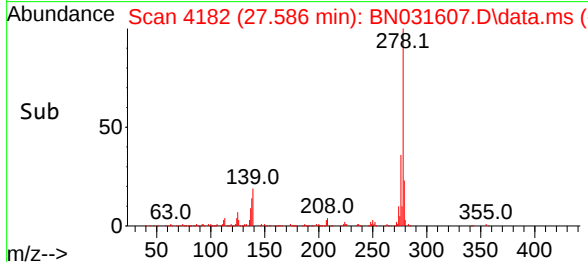
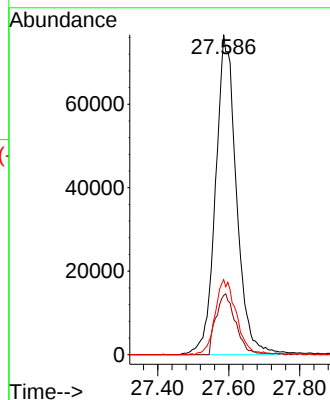
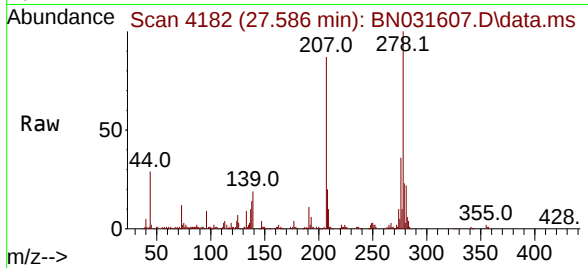
Tgt Ion:	278	Resp:	31146
Ion Ratio	Lower	Upper	
278	100		
139	18.6	15.2	22.8
279	23.5	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#96

Benzo(g,h,i)perylene

Concen: 4.267 ng/ul

RT: 28.551 min Scan# 4346

Delta R.T. -0.006 min

Lab File: BN031607.D

Acq: 22 May 2024 15:13

Tgt Ion:	276	Resp:	315709
Ion Ratio	Lower	Upper	
276	100		
138	26.1	19.5	29.3
277	24.3	17.6	26.4

