

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052024\
 Data File : BN031566.D
 Acq On : 20 May 2024 10:54
 Operator : MA/JU
 Sample : P2409-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 20 11:34:23 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	477196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2127977	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	1369057	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2821901	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2409106	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2021919	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	61289	5.290	ng/uL	0.00
4) Pyridine-d5	3.599	84	890556	25.141	ng/u1	0.00
7) Phenol-d5	6.858	99	1028341	25.391	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	660986	24.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	751951	27.086	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	777194	24.991	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	394750	28.147	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	318375	30.080	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	692304	26.328	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	1124989	24.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.746	166	2291436	26.462	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2740423	25.902	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	394876	23.776	ng/u1	0.00
60) Fluorene-d10	15.328	176	2086774	26.350	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	218352	21.611	ng/u1	0.00
73) Anthracene-d10	17.175	188	2924701	24.239	ng/u1	0.00
81) Pyrene-d10	19.469	212	3459541	28.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2498853	27.845	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	13494m	1.091	ng/uL	
5) Pyridine	3.623	79	166914	4.697	ng/u1#	79
6) Benzaldehyde	6.840	77	131920	6.367	ng/u1	99
8) Phenol	6.881	94	200287	4.682	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	173757	4.852	ng/u1	96
12) 2-Chlorophenol	7.258	128	148012	4.891	ng/u1	97
13) 2-Methylphenol	8.128	108	134632	4.305	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.216	45	218105	4.689	ng/u1	99
16) Acetophenone	8.511	105	259811	4.916	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.499	70	124151	4.739	ng/u1	97
18) 4-Methylphenol	8.452	108	156574	4.644	ng/u1	98
19) Hexachloroethane	8.763	117	65621	4.766	ng/u1	100
22) Nitrobenzene	8.887	77	196649	5.022	ng/u1	99
23) Isophorone	9.410	82	344366	4.635	ng/u1	99
25) 2-Nitrophenol	9.593	139	68457	5.501	ng/u1	96
26) 2,4-Dimethylphenol	9.652	107	107106	3.208	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	236787	4.925	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	137513	5.145	ng/u1	95
30) Naphthalene	10.528	128	544012	4.902	ng/u1	99
32) 4-Chloroaniline	10.640	127	221471	4.806	ng/u1	99
33) Hexachlorobutadiene	10.810	225	87947	4.934	ng/u1	91
34) Caprolactam	11.422	113	43112	4.266	ng/u1	93
35) 4-Chloro-3-methylphenol	11.757	107	140824	4.544	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	360630	4.997	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	369964	5.059	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.510	216	179269	4.981	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	68595	3.502	ng/ul	95
41) 2,4,6-Trichlorophenol	12.751	196	84500	4.500	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	99817	4.547	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	479929	4.966	ng/ul	100
44) 2-Chloronaphthalene	13.199	162	377121	4.970	ng/ul	97
45) 2-Nitroaniline	13.410	65	82935	4.247	ng/ul	95
47) Dimethylphthalate	13.793	163	450636	4.961	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	64775	4.186	ng/ul	92
50) Acenaphthylene	14.051	152	628843	5.053	ng/ul	100
51) 3-Nitroaniline	14.234	138	76933	4.245	ng/ul	94
52) Acenaphthene	14.393	153	402763	4.826	ng/ul	97
53) 2,4-Dinitrophenol	14.440	184	26556	4.029	ng/ul	97
55) 4-Nitrophenol	14.534	109	66047	4.922	ng/ul	92
56) Dibenzofuran	14.728	168	550606	4.869	ng/ul	100
57) 2,4-Dinitrotoluene	14.693	165	100890	4.504	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	73281	4.608	ng/ul	99
59) Diethylphthalate	15.163	149	429517	4.718	ng/ul	100
61) Fluorene	15.381	166	464856	5.008	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	215367	4.862	ng/ul	97
63) 4-Nitroaniline	15.393	138	80419	4.401	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	53509	4.788	ng/ul#	92
67) N-Nitrosodiphenylamine	15.592	169	369260	4.825	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	125203	4.883	ng/ul	98
69) Hexachlorobenzene	16.375	284	148439	4.965	ng/ul	96
70) Atrazine	16.545	200	118247	5.242	ng/ul	97
71) Pentachlorophenol	16.722	266	66754	4.403	ng/ul	91
72) Phenanthrene	17.116	178	728681	4.929	ng/ul	99
74) Anthracene	17.204	178	677282	4.543	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	170851	4.787	ng/uL	92
76) Pentachlorobenzene	14.646	250	185640	5.373	ng/uL	98
77) Carbazole	17.475	167	614241	4.577	ng/ul	99
78) Di-n-butylphthalate	18.051	149	648999	4.388	ng/ul	99
80) Fluoranthene	19.134	202	780849	5.535	ng/ul	99
82) Pyrene	19.498	202	843797	5.523	ng/ul	97
83) Butylbenzylphthalate	20.410	149	210634	4.373	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.216	252	164795	3.712	ng/ul	100
85) Benzo(a)anthracene	21.286	228	776496	4.903	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	346900	4.383	ng/ul	99
87) Chrysene	21.345	228	727129	4.910	ng/ul	95
89) Di-n-octyl phthalate	22.345	149	418969	4.158	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	574782	5.016	ng/ul	98
91) Benzo(k)fluoranthene	23.369	252	590435	5.042	ng/ul	98
93) Benzo(a)pyrene	24.098	252	524264	4.718	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.527	276	477023	3.809	ng/ul	99
95) Dibenzo(a,h)anthracene	27.598	278	399301	3.743	ng/ul	99
96) Benzo(g,h,i)perylene	28.551	276	388239	3.839	ng/ul	97

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

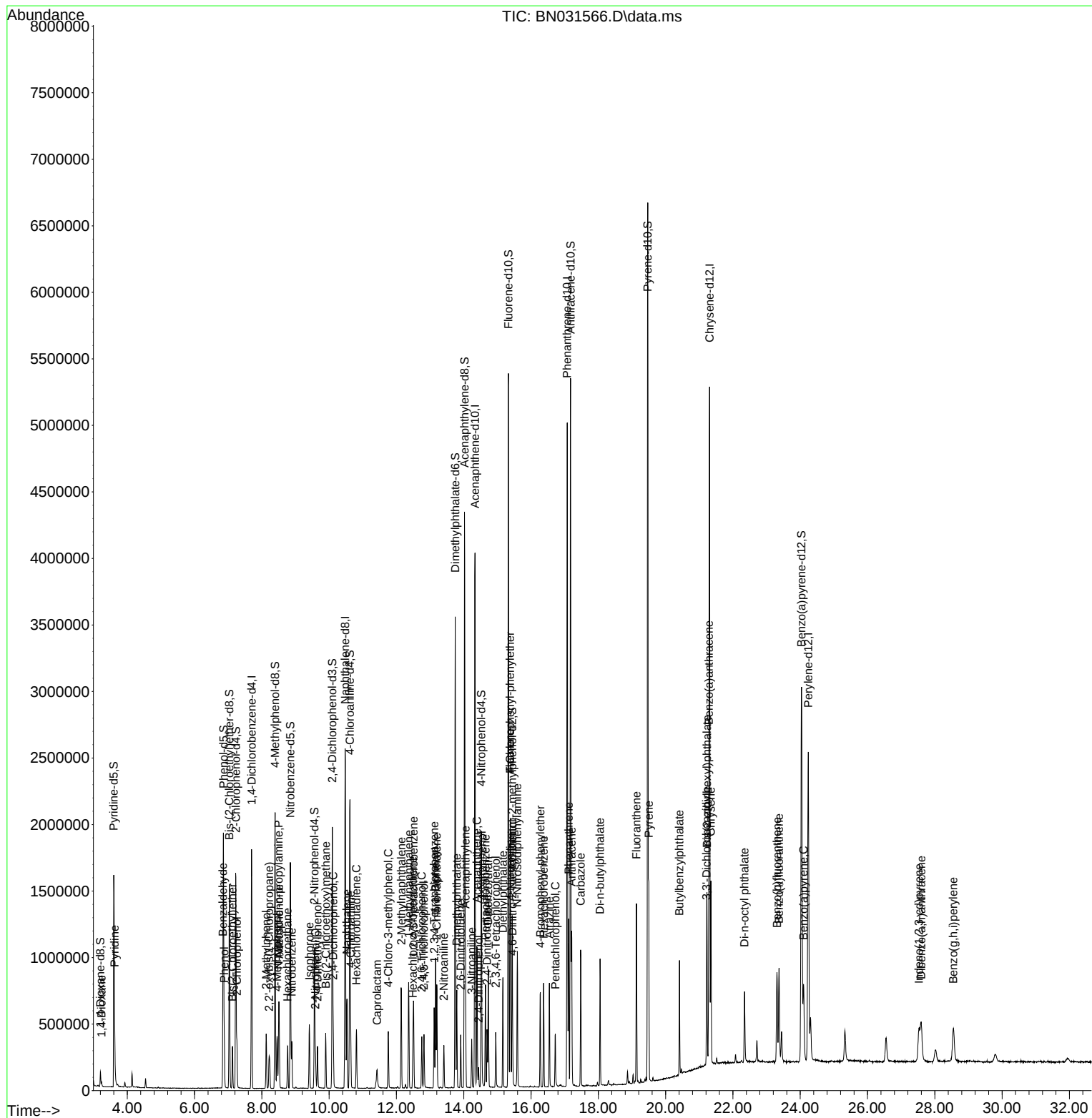
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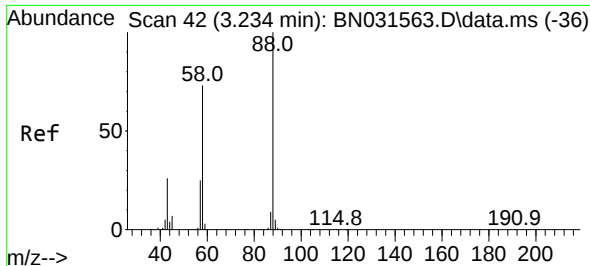
Instrument :
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 ClientSampleId :
 MDL-SOIL-QT2-2024-03

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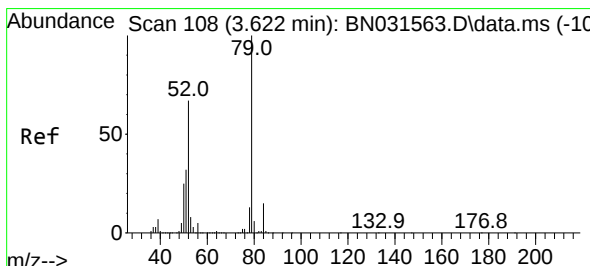
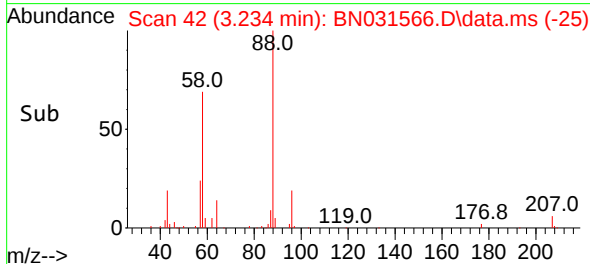
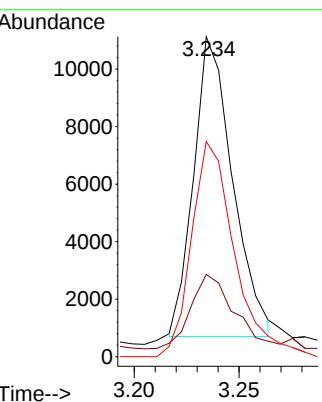
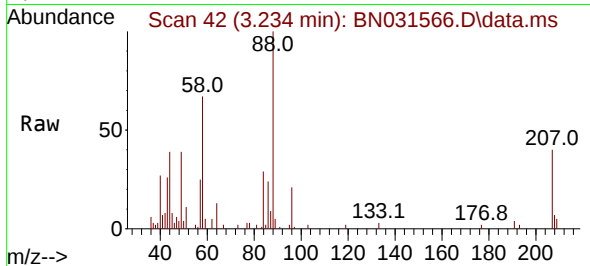
#2
1,4-Dioxane
Concen: 1.091 ng/uL m
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

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

Tgt Ion: 88 Resp: 13494
Ion Ratio Lower Upper
88 100
43 25.7 22.6 33.8
58 67.2 57.1 85.7

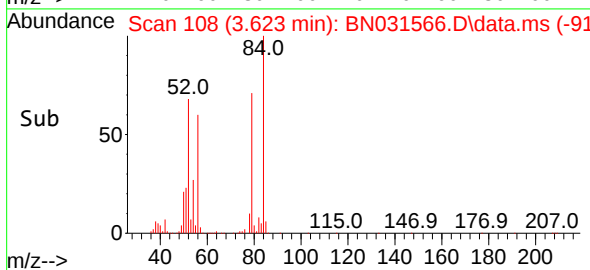
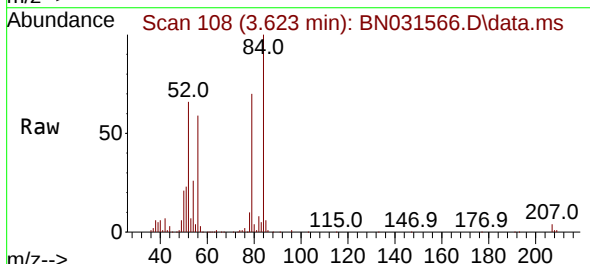
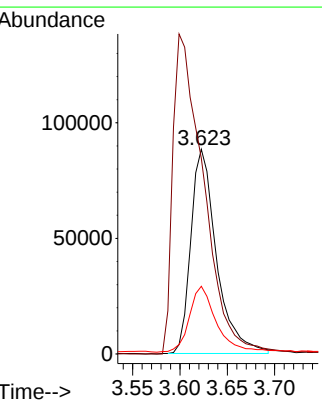
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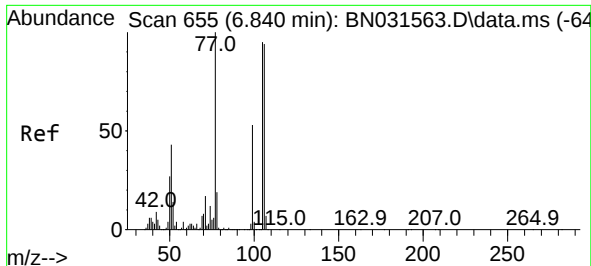
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#5
Pyridine
Concen: 4.697 ng/uL
RT: 3.623 min Scan# 108
Delta R.T. 0.000 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

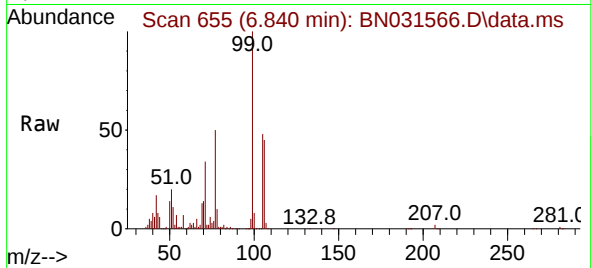
Tgt Ion: 79 Resp: 166914
Ion Ratio Lower Upper
79 100
52 95.6 56.6 84.8#
51 33.1 26.1 39.1





#6
Benzaldehyde
Concen: 6.367 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

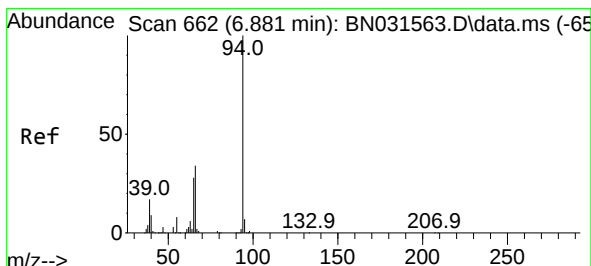
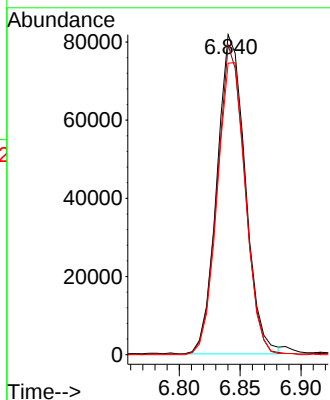
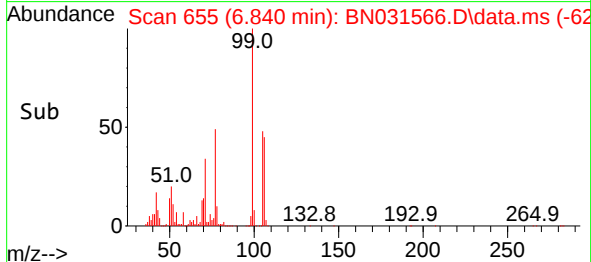
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion: 77 Resp: 131920
Ion Ratio Lower Upper
77 100
105 96.7 76.4 114.6
106 91.1 71.6 107.4

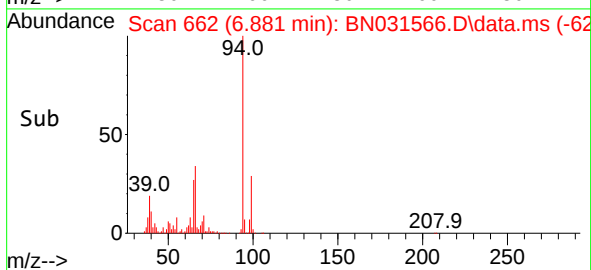
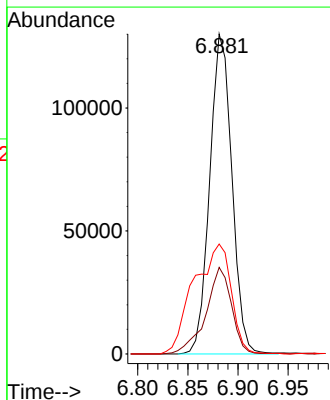
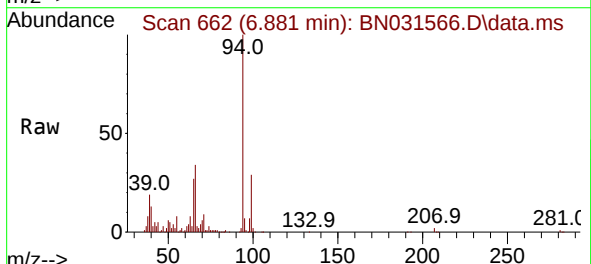
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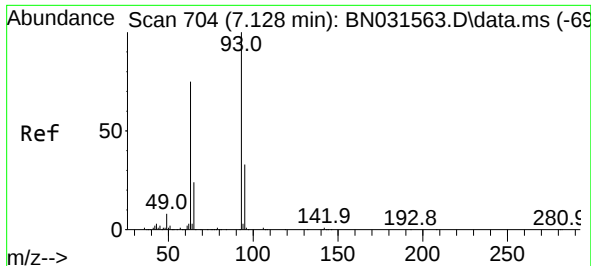
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#8
Phenol
Concen: 4.682 ng/ul
RT: 6.881 min Scan# 662
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

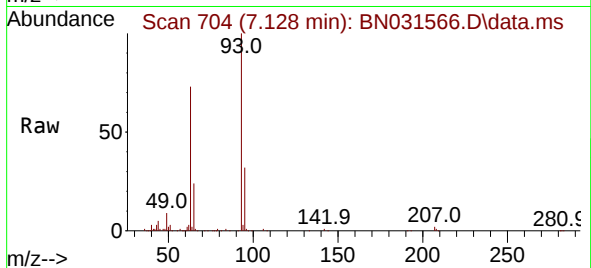
Tgt Ion: 94 Resp: 200287
Ion Ratio Lower Upper
94 100
65 27.1 21.9 32.9
66 34.4 27.8 41.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.852 ng/ul
RT: 7.128 min Scan# 704
Delta R.T. 0.000 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

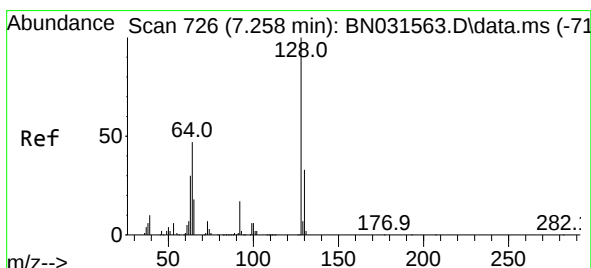
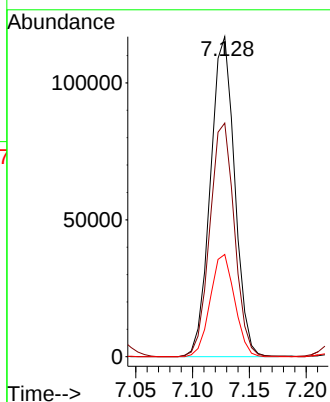
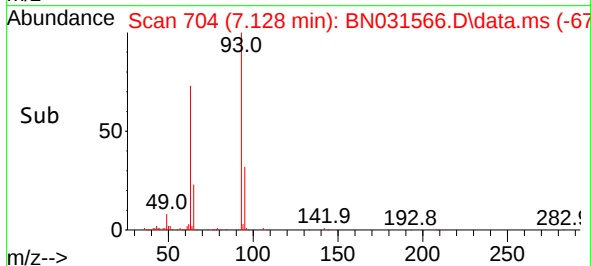
Instrument :
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Tgt Ion: 93 Resp: 17375
Ion Ratio Lower Upper
93 100
63 73.0 61.7 92.5
95 32.0 27.0 40.4

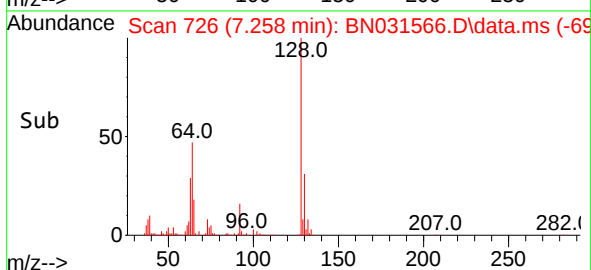
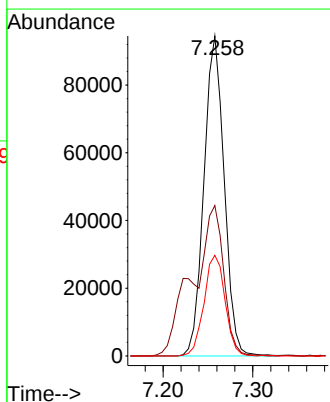
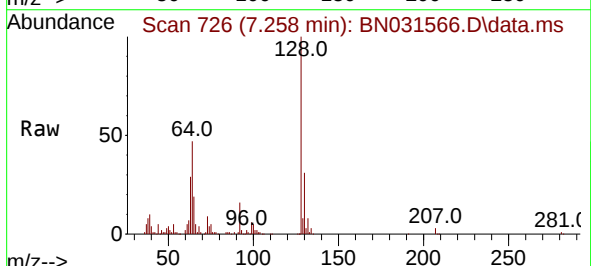
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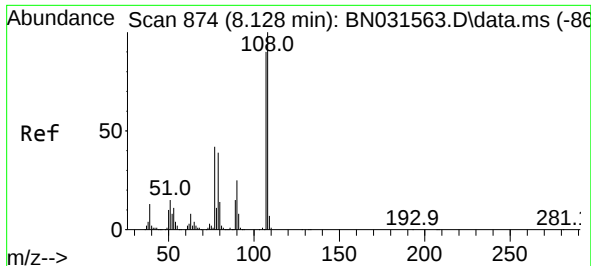
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#12
2-Chlorophenol
Concen: 4.891 ng/ul
RT: 7.258 min Scan# 726
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

Tgt Ion:128 Resp: 148012
Ion Ratio Lower Upper
128 100
64 47.0 39.4 59.0
130 31.5 25.9 38.9





#13

2-Methylphenol

Concen: 4.305 ng/ul

RT: 8.128 min Scan# 874

Delta R.T. -0.006 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:108 Resp: 13463

Ion Ratio Lower Upper

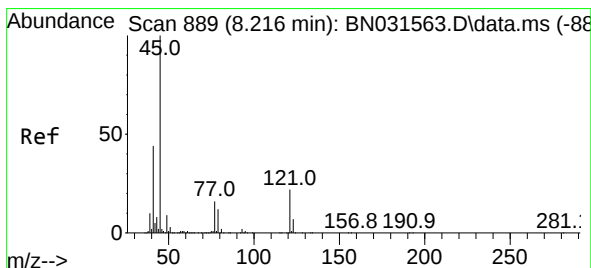
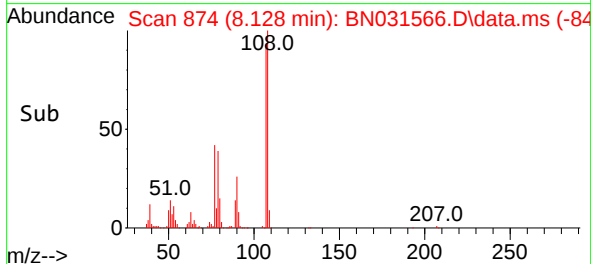
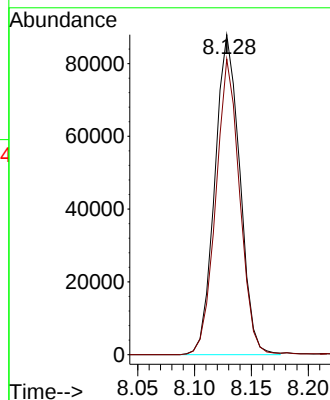
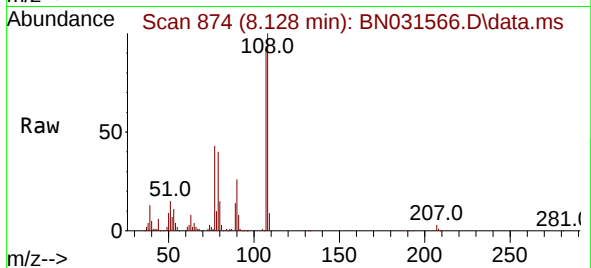
108 100

107 92.4 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: 4.689 ng/ul

RT: 8.216 min Scan# 889

Delta R.T. -0.012 min

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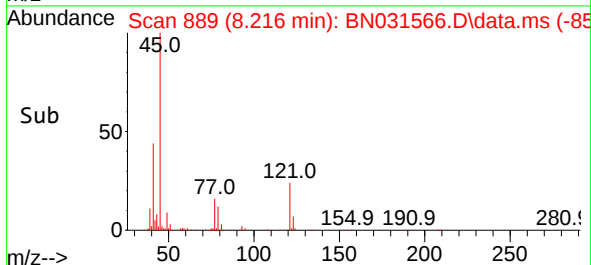
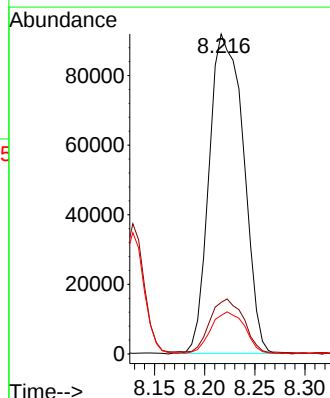
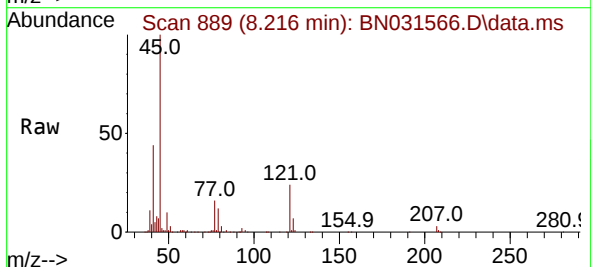
Tgt Ion: 45 Resp: 218105

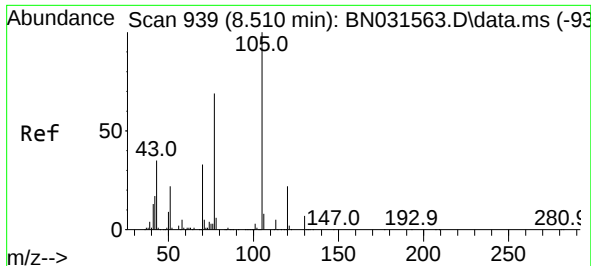
Ion Ratio Lower Upper

45 100

77 16.1 12.6 19.0

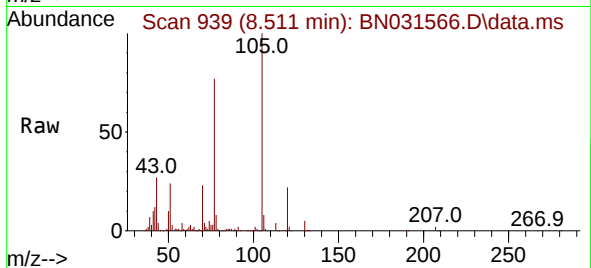
79 12.1 9.2 13.8





#16
Acetophenone
Concen: 4.916 ng/ul
RT: 8.511 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

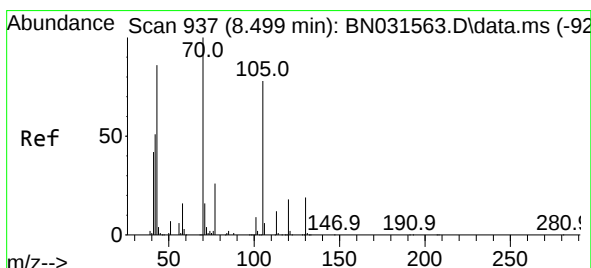
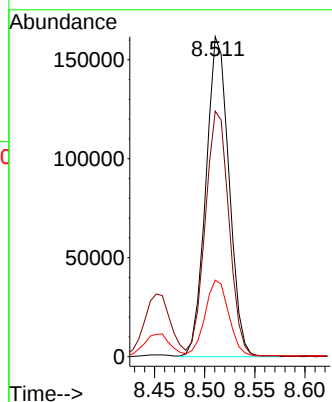
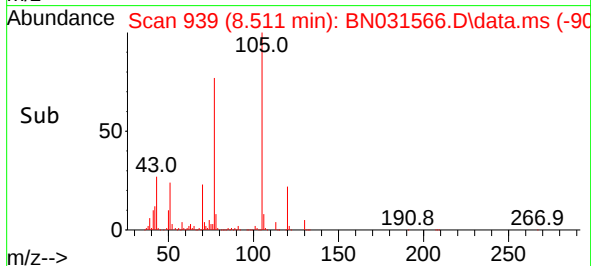
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



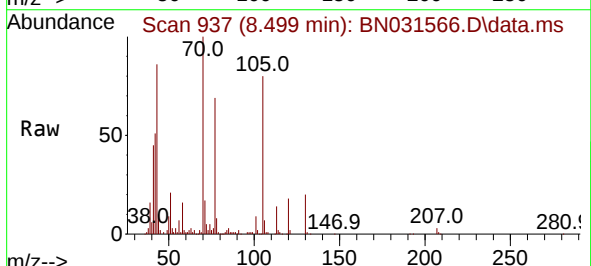
Tgt Ion:105 Resp: 25981
Ion Ratio Lower Upper
105 100
77 76.8 63.7 95.5
51 23.9 20.6 31.0

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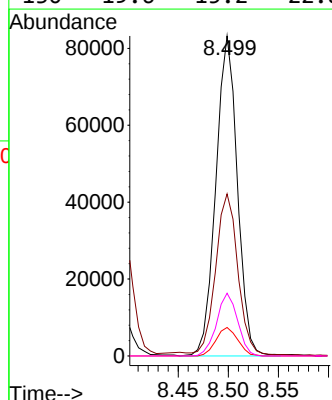
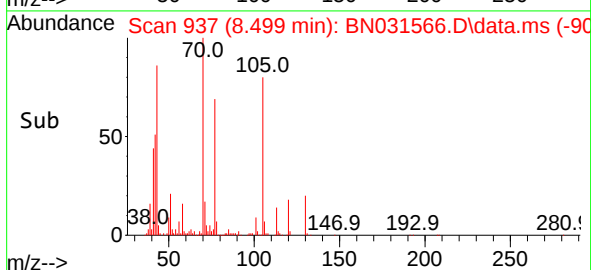
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

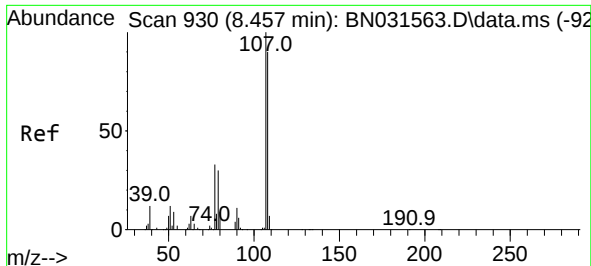


#17
N-Nitroso-di-n-propylamine
Concen: 4.739 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54



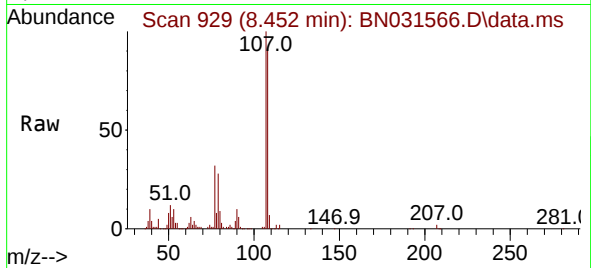
Tgt Ion: 70 Resp: 124151
Ion Ratio Lower Upper
70 100
42 50.6 42.7 64.1
101 8.9 7.4 11.2
130 19.6 15.2 22.8





#18
4-Methylphenol
Concen: 4.644 ng/ul
RT: 8.452 min Scan# 911
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

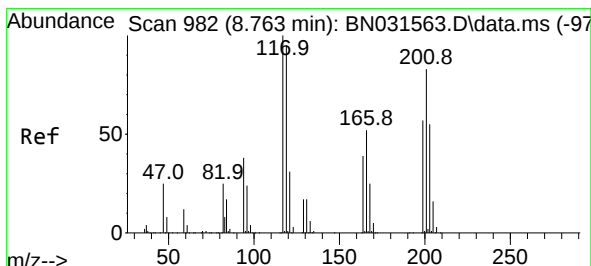
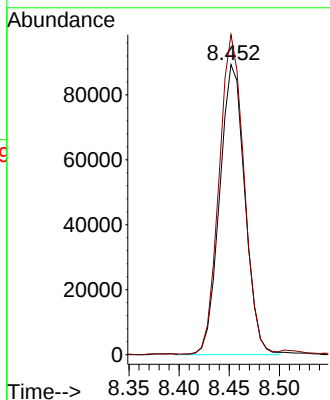
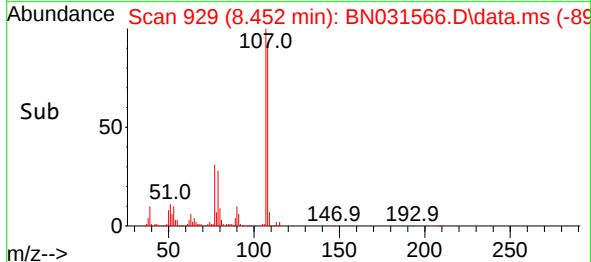
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:108 Resp: 156574
Ion Ratio Lower Upper
108 100
107 110.3 89.8 134.6

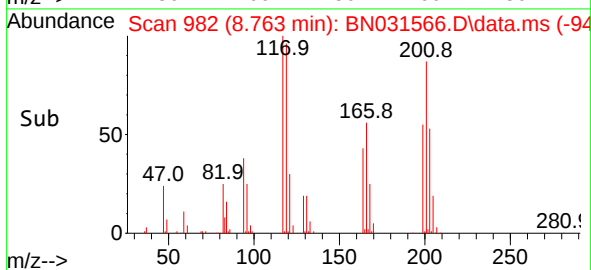
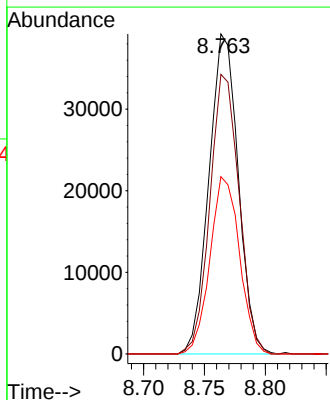
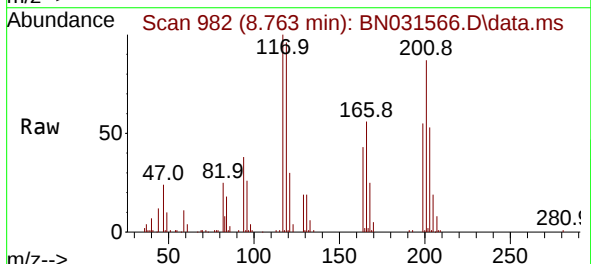
Manual Integrations
APPROVED

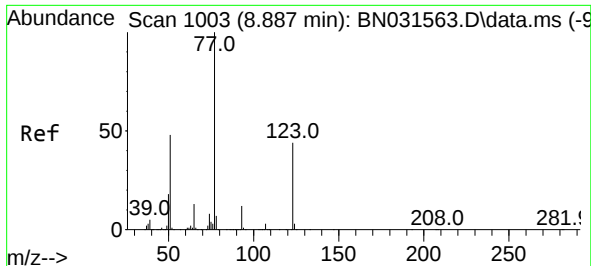
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#19
Hexachloroethane
Concen: 4.766 ng/ul
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

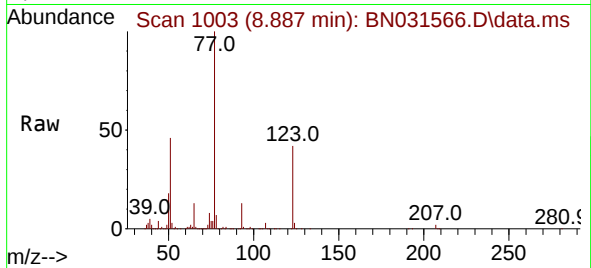
Tgt Ion:117 Resp: 65621
Ion Ratio Lower Upper
117 100
201 87.4 69.8 104.8
199 55.4 43.8 65.6





#22
Nitrobenzene
Concen: 5.022 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

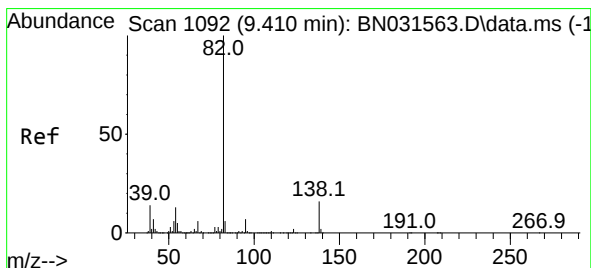
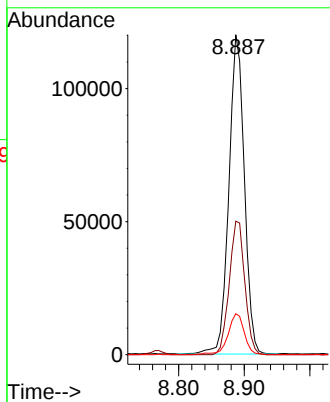
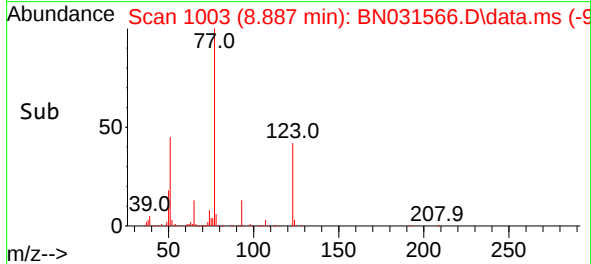
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion: 77 Resp: 196649
Ion Ratio Lower Upper
77 100
123 41.7 32.6 48.8
65 12.8 10.6 15.8

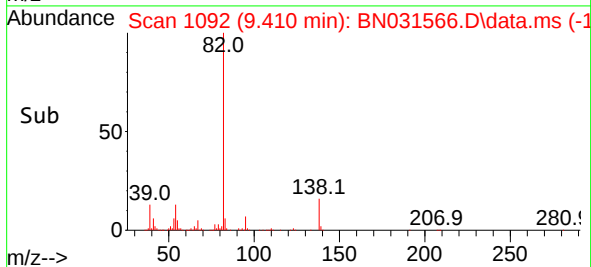
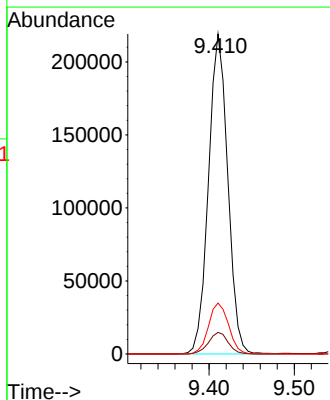
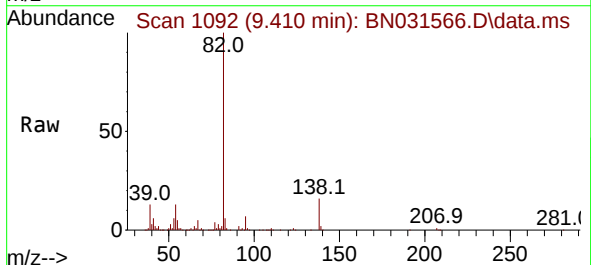
Manual Integrations
APPROVED

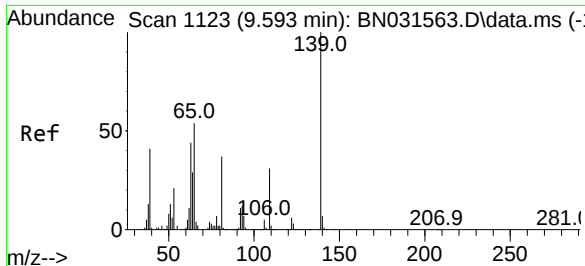
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#23
Isophorone
Concen: 4.635 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

Tgt Ion: 82 Resp: 344366
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 15.9 12.5 18.7





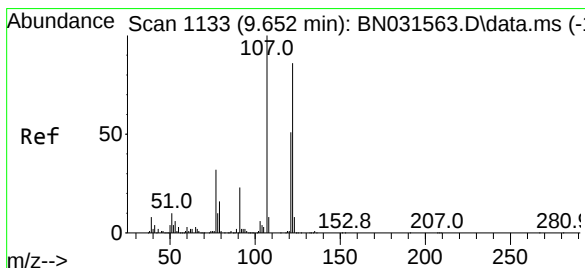
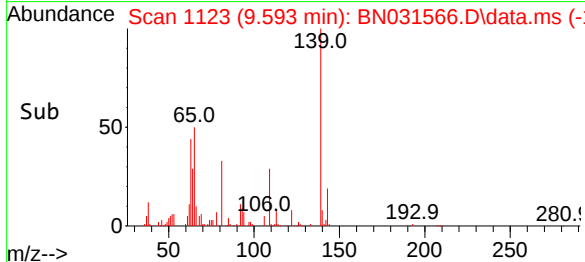
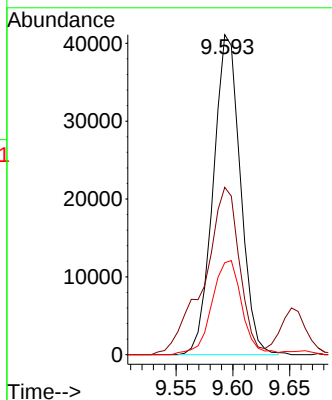
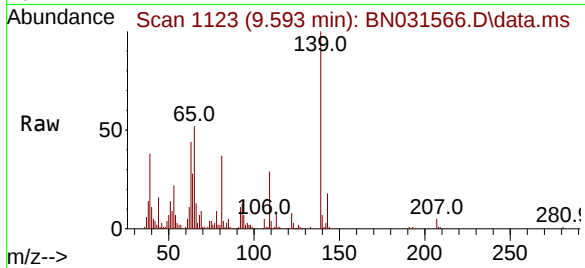
#25
2-Nitrophenol
Concen: 5.501 ng/ul
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

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

Tgt Ion:139 Resp: 6845
Ion Ratio Lower Upper
139 100
65 52.3 44.2 66.2
109 28.7 24.9 37.3

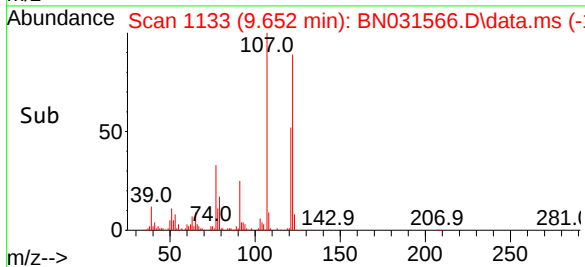
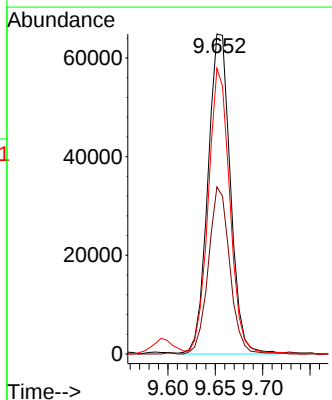
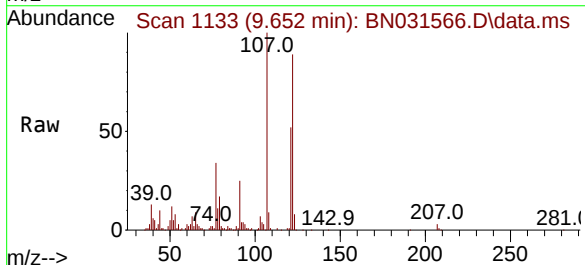
Manual Integrations
APPROVED

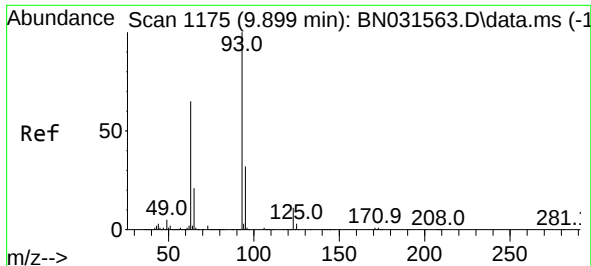
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#26
2,4-Dimethylphenol
Concen: 3.208 ng/ul
RT: 9.652 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

Tgt Ion:107 Resp: 107106
Ion Ratio Lower Upper
107 100
121 52.2 41.0 61.4
122 89.3 70.2 105.4





#27

Bis(2-Chloroethoxy)methane

Concen: 4.925 ng/ul

RT: 9.899 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BN031566.D

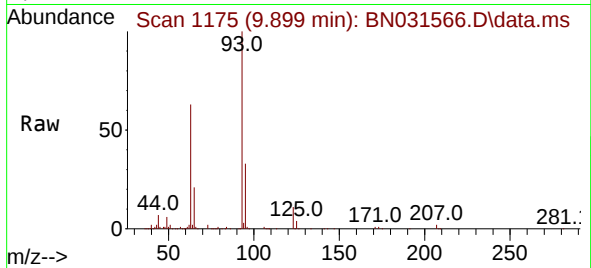
Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2024-03



Tgt Ion: 93 Resp: 23678

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

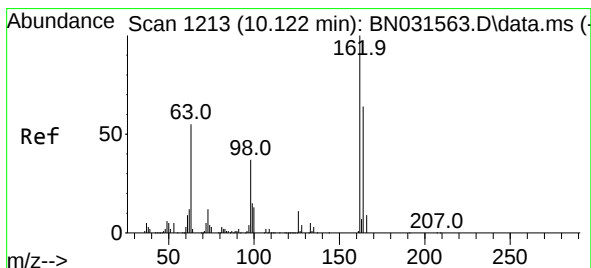
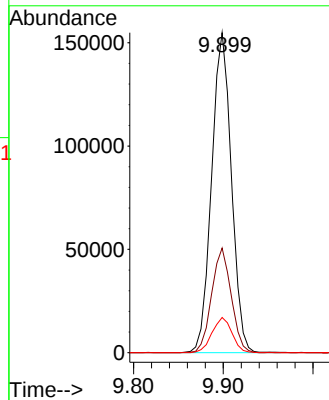
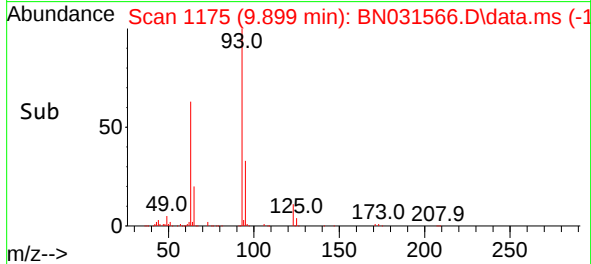
123 11.0 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024

Supervised By :mohammad ahmed 05/22/2024



#29

2,4-Dichlorophenol

Concen: 5.145 ng/ul

RT: 10.122 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

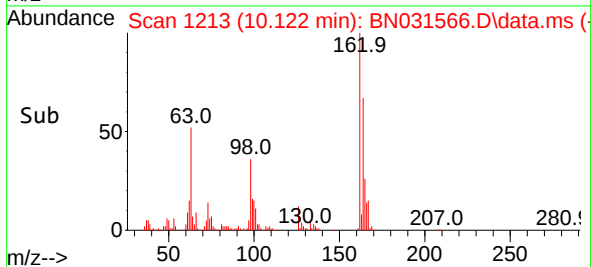
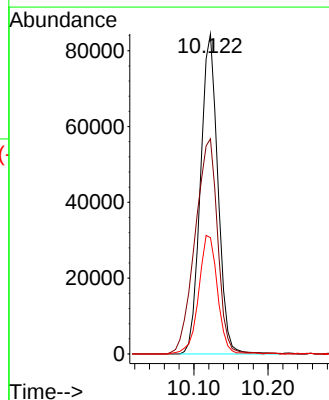
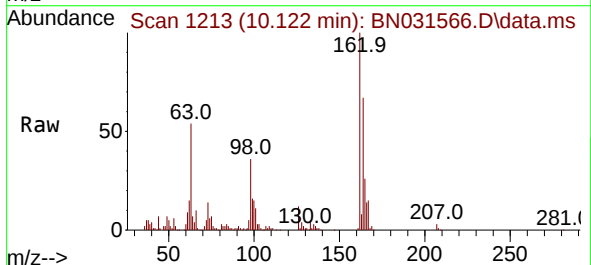
Tgt Ion:162 Resp: 137513

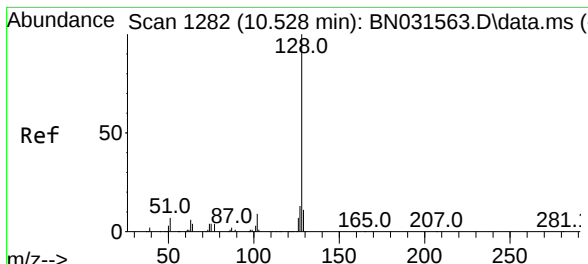
Ion Ratio Lower Upper

162 100

164 67.2 50.9 76.3

98 36.4 31.3 46.9





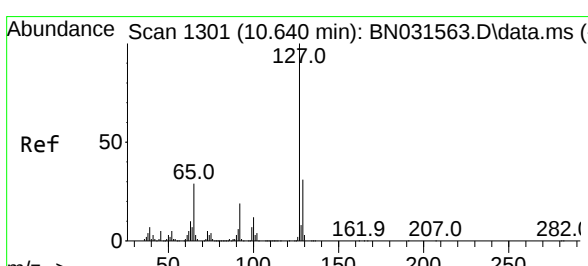
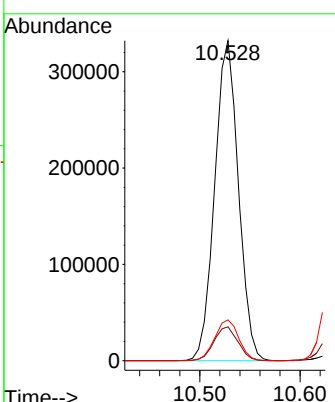
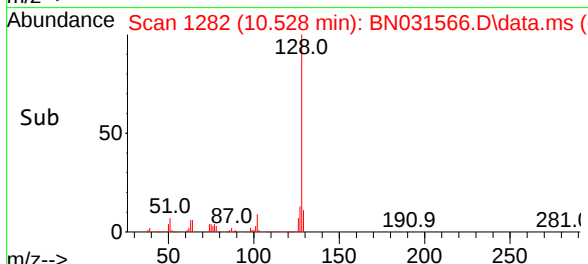
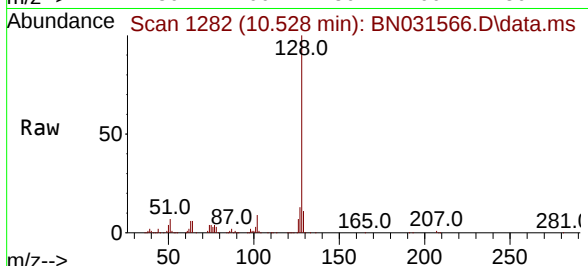
#30
Naphthalene
Concen: 4.902 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

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

Tgt Ion:128	Resp: 54401
Ion Ratio	Lower Upper
128	100
129	10.6 8.7 13.1
127	12.7 10.6 15.8

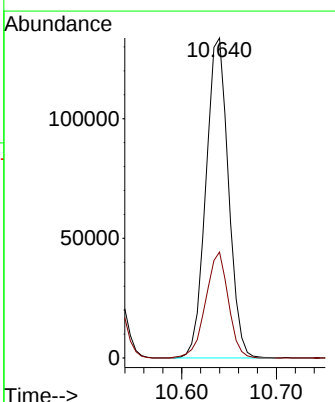
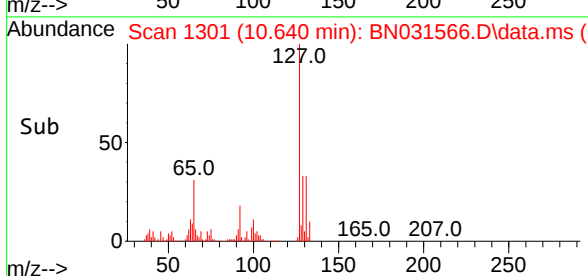
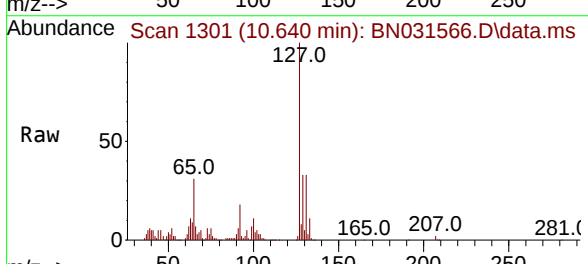
Manual Integrations
APPROVED

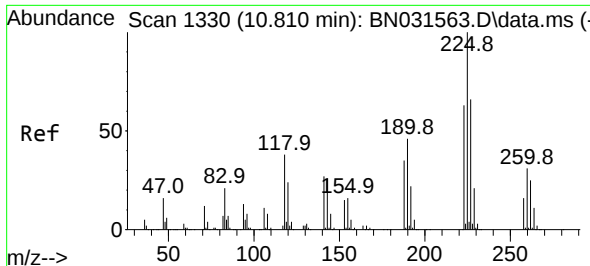
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#32
4-Chloroaniline
Concen: 4.806 ng/ul
RT: 10.640 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

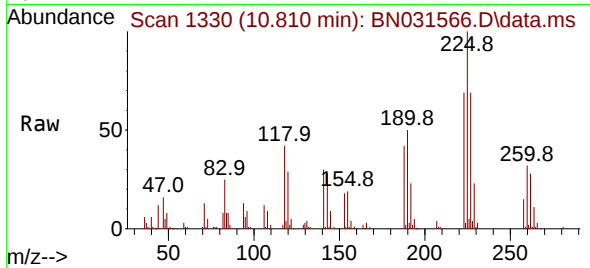
Tgt Ion:127	Resp: 221471
Ion Ratio	Lower Upper
127	100
129	33.1 25.8 38.8





#33
Hexachlorobutadiene
Concen: 4.934 ng/ul
RT: 10.810 min Scan# 111
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

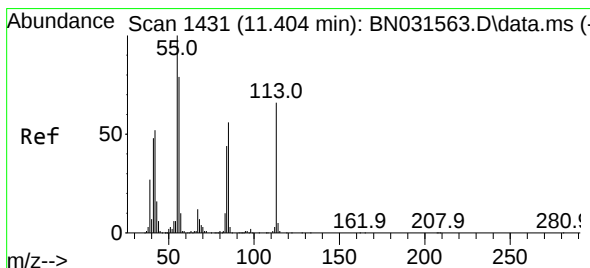
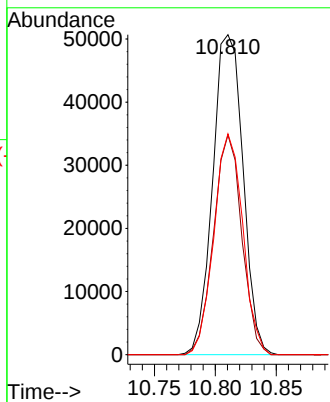
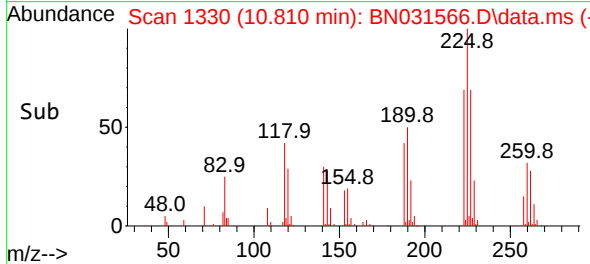
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



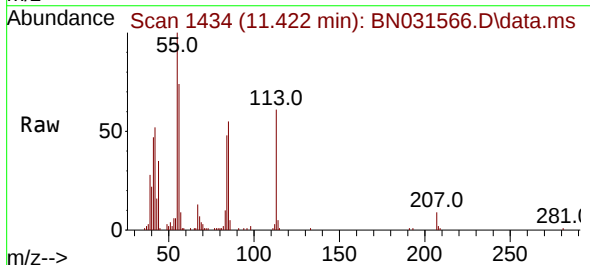
Tgt Ion:225 Resp: 8794
Ion Ratio Lower Upper
225 100
223 68.7 50.2 75.4
227 69.0 49.0 73.6

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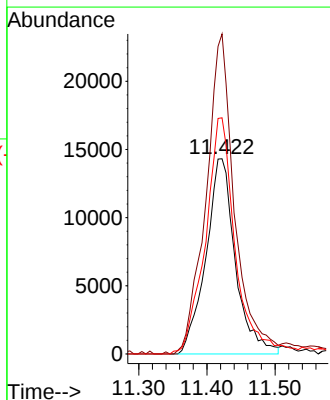
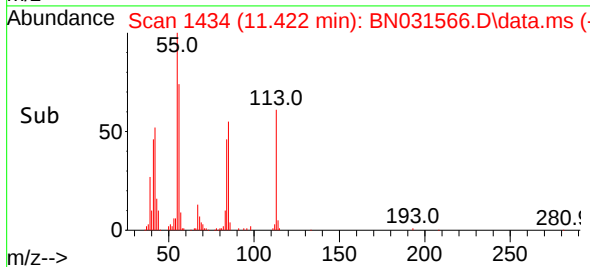
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

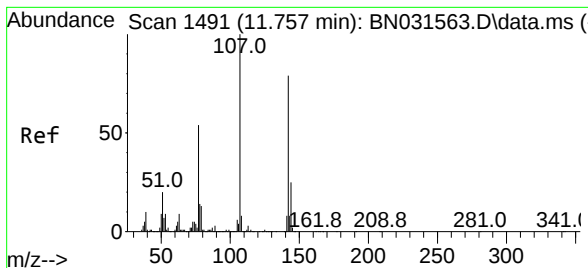


#34
Caprolactam
Concen: 4.266 ng/ul
RT: 11.422 min Scan# 1434
Delta R.T. 0.024 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54



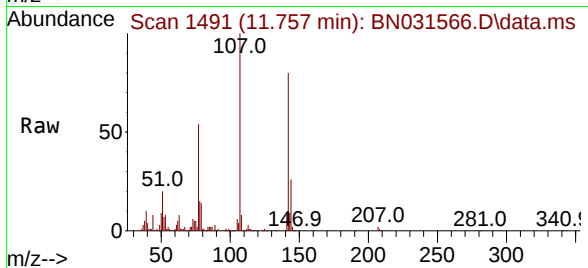
Tgt Ion:113 Resp: 43112
Ion Ratio Lower Upper
113 100
55 163.9 138.7 208.1
56 121.0 104.3 156.5





#35
4-Chloro-3-methylphenol
Concen: 4.544 ng/ul
RT: 11.757 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

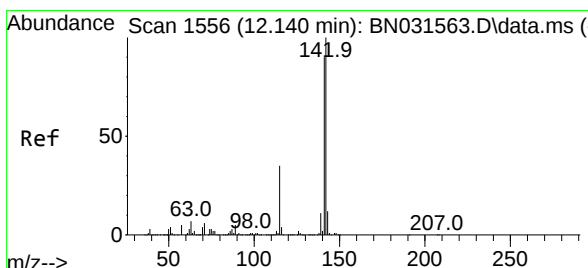
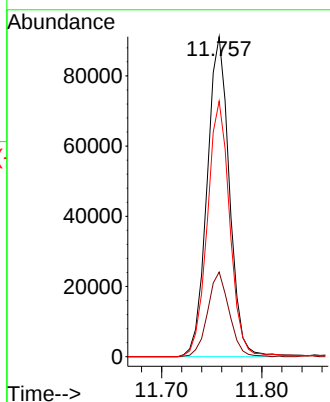
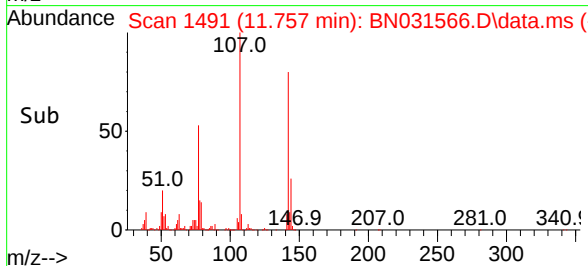
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



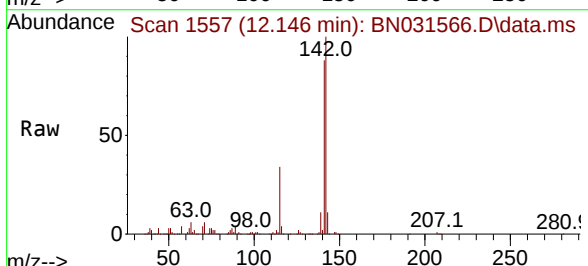
Tgt Ion:107 Resp: 140824
Ion Ratio Lower Upper
107 100
144 26.4 20.9 31.3
142 79.8 63.3 94.9

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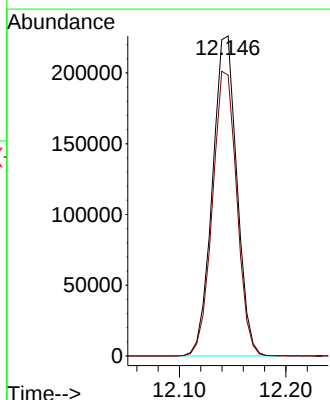
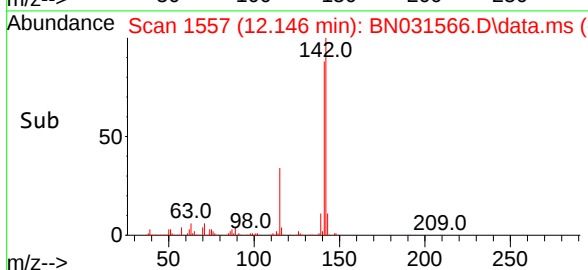
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

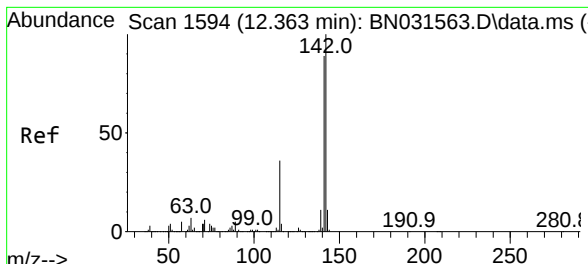


#36
2-Methylnaphthalene
Concen: 4.997 ng/ul
RT: 12.146 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54



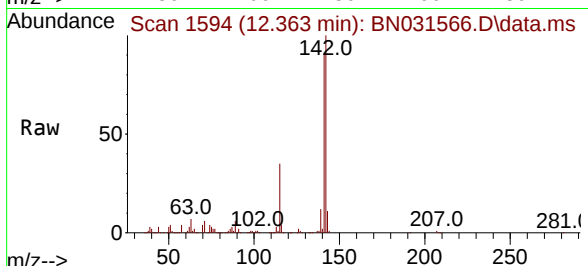
Tgt Ion:142 Resp: 360630
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2





#37
 1-Methylnaphthalene
 Concen: 5.059 ng/ul
 RT: 12.363 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

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

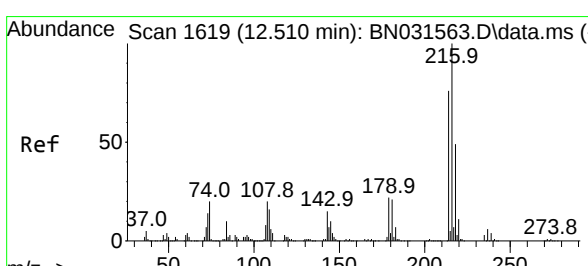
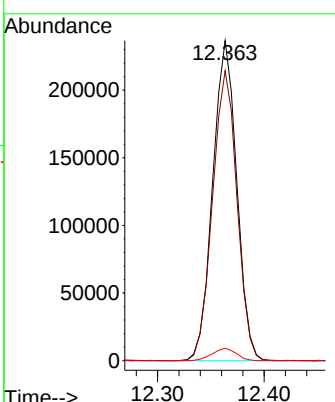
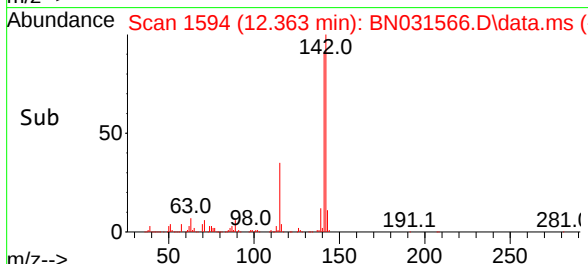


Tgt Ion:142 Resp: 369964

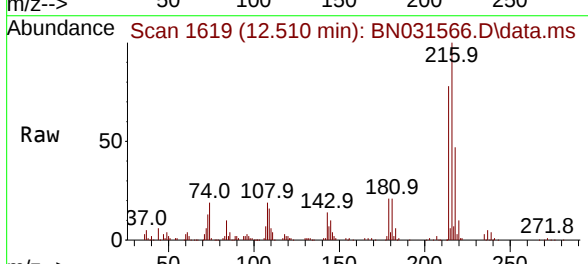
Ion	Ratio	Lower	Upper
142	100		
141	90.6	75.2	112.8
116	3.9	3.1	4.7

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

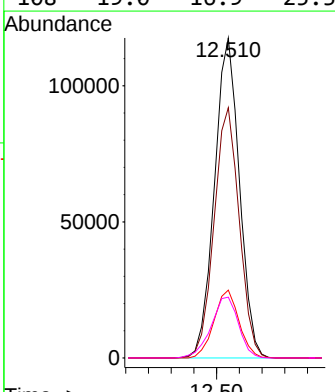
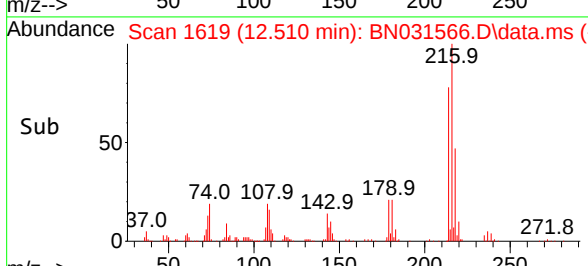


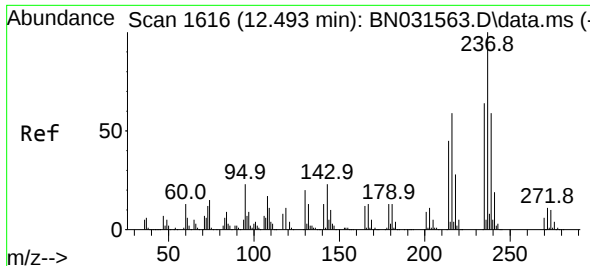
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.981 ng/ul
 RT: 12.510 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54



Tgt Ion:216 Resp: 179269

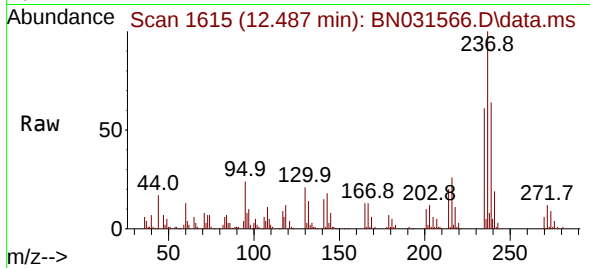
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	21.2	18.2	27.2
108	19.0	16.9	25.3





#40
Hexachlorocyclopentadiene
Concen: 3.502 ng/ul
RT: 12.487 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

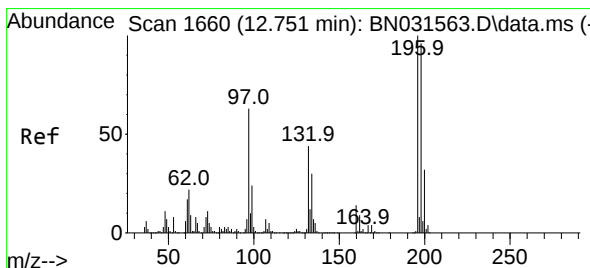
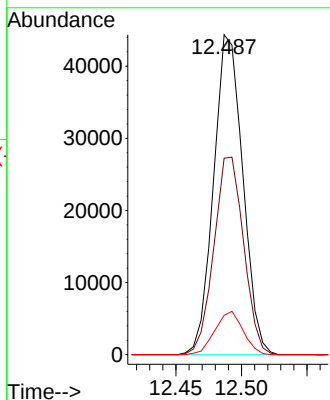
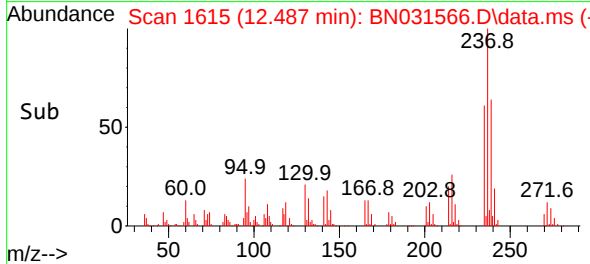
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion:237 Resp: 6859
Ion Ratio Lower Upper
237 100
235 61.4 52.4 78.6
272 12.3 11.4 17.2

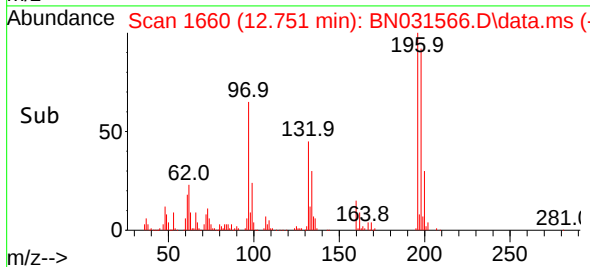
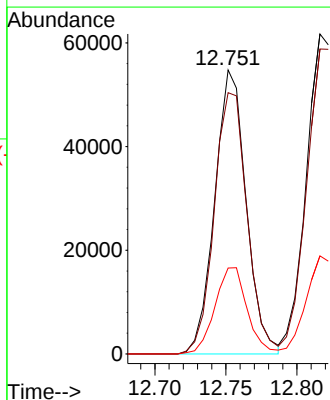
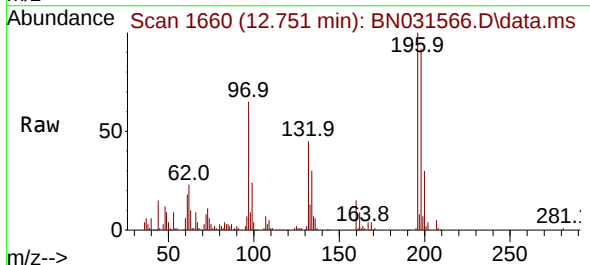
Manual Integrations
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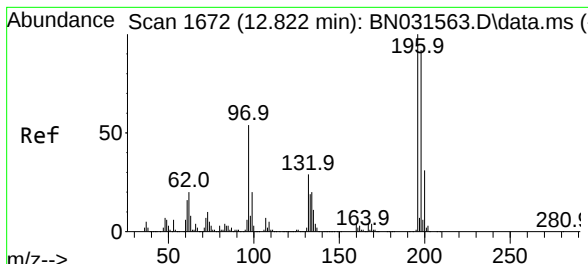
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#41
2,4,6-Trichlorophenol
Concen: 4.500 ng/ul
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

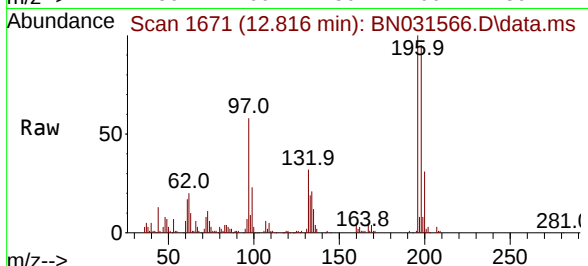
Tgt Ion:196 Resp: 84500
Ion Ratio Lower Upper
196 100
198 92.0 75.8 113.8
200 30.3 23.4 35.0





#42
2,4,5-Trichlorophenol
Concen: 4.547 ng/ul
RT: 12.816 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

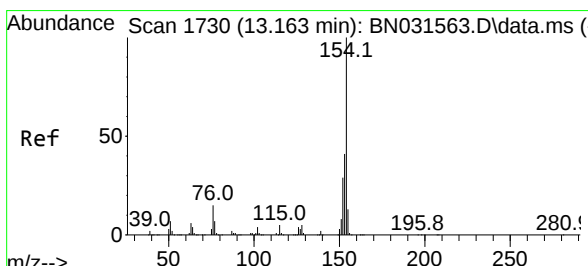
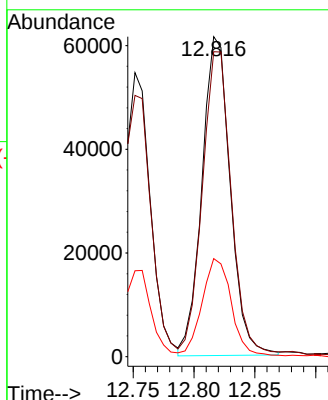
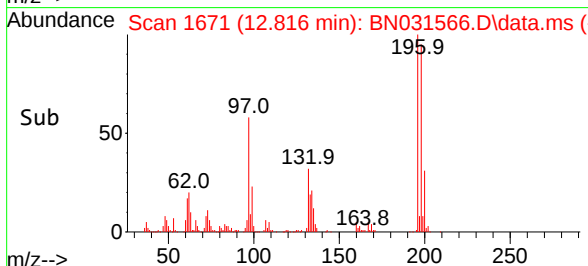
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:196 Resp: 9981
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.8
200 30.7 23.2 34.8

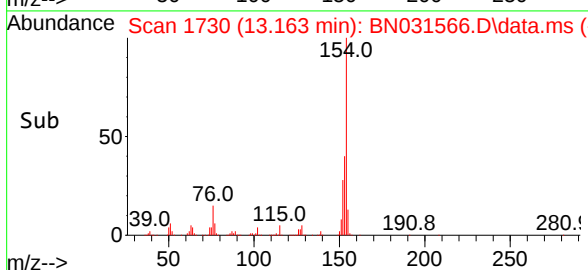
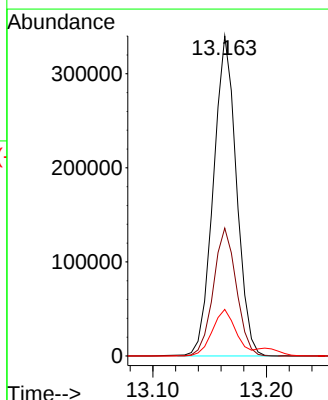
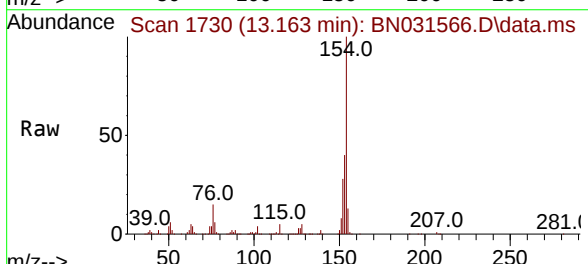
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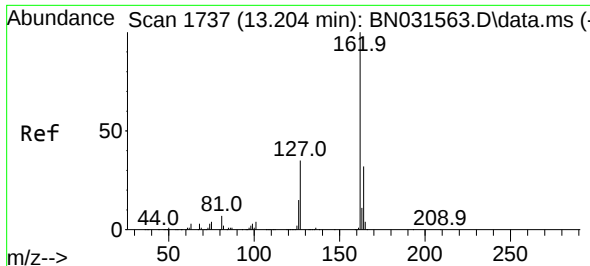
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#43
1,1'-Biphenyl
Concen: 4.966 ng/ul
RT: 13.163 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

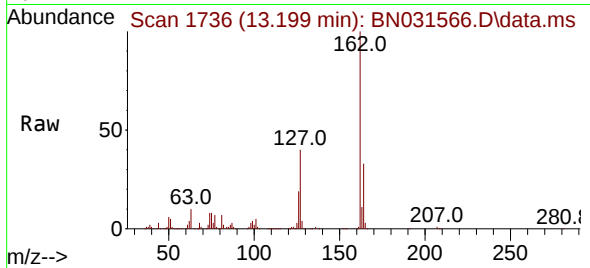
Tgt Ion:154 Resp: 479929
Ion Ratio Lower Upper
154 100
153 40.0 31.8 47.8
76 14.5 11.9 17.9





#44
2-Chloronaphthalene
Concen: 4.970 ng/ul
RT: 13.199 min Scan# 1736
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

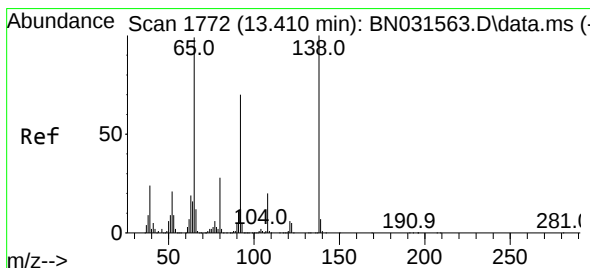
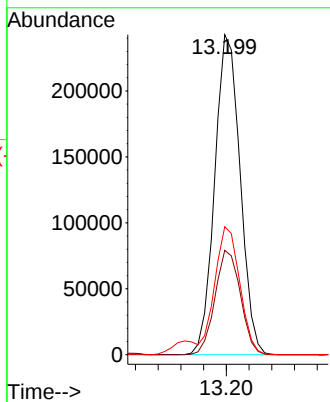
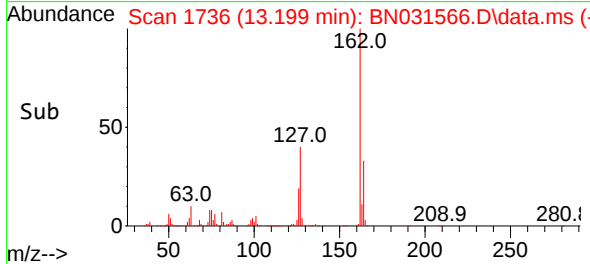
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion:162 Resp: 37712
Ion Ratio Lower Upper
162 100
164 32.6 24.7 37.1
127 40.0 30.5 45.7

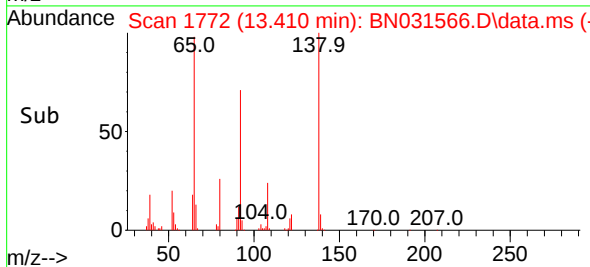
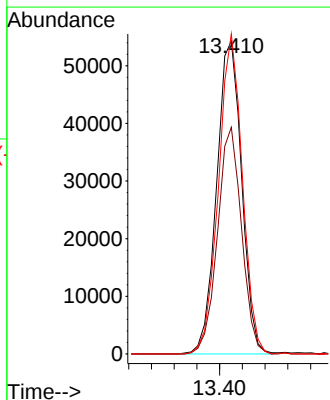
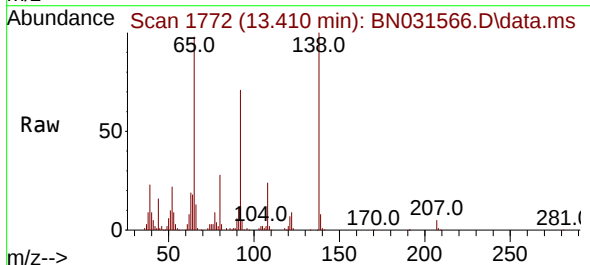
Manual Integrations
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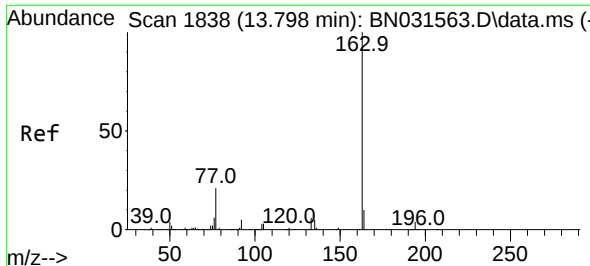
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#45
2-Nitroaniline
Concen: 4.247 ng/ul
RT: 13.410 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

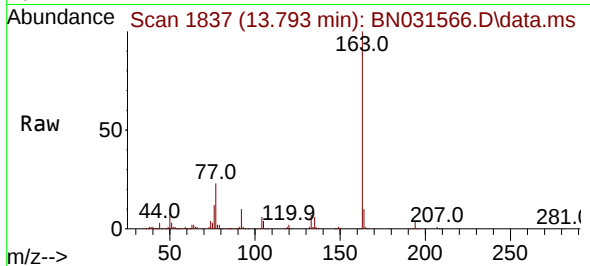
Tgt Ion: 65 Resp: 82935
Ion Ratio Lower Upper
65 100
92 72.4 56.1 84.1
138 102.2 76.2 114.2





#47
Dimethylphthalate
Concen: 4.961 ng/ul
RT: 13.793 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

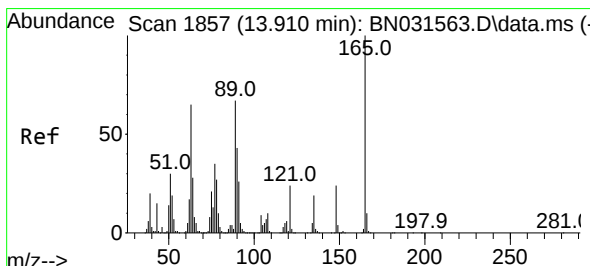
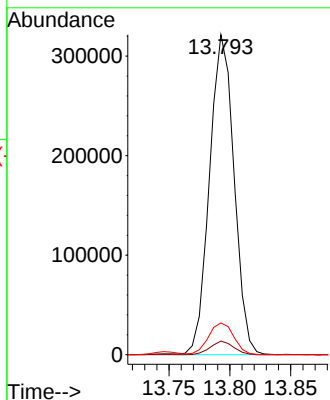
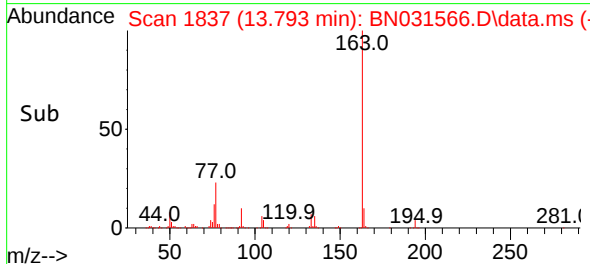
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion:163 Resp: 450630
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.3 12.5

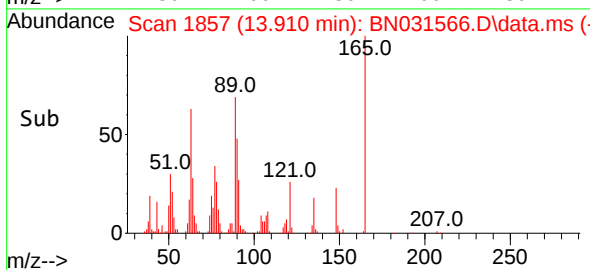
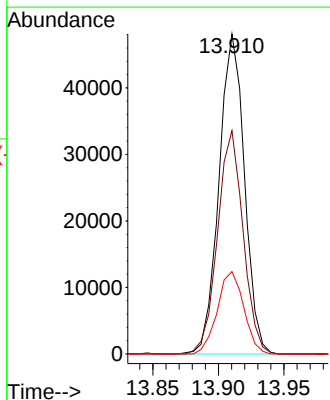
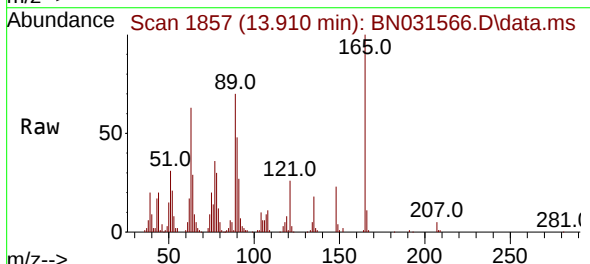
Manual Integrations
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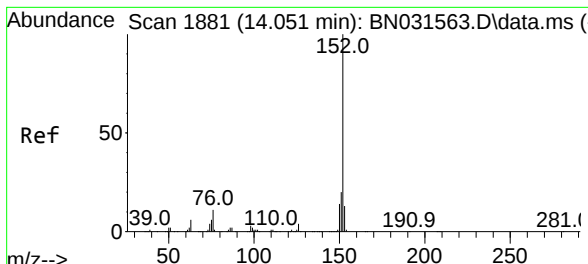
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#48
2,6-Dinitrotoluene
Concen: 4.186 ng/ul
RT: 13.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

Tgt Ion:165 Resp: 64775
Ion Ratio Lower Upper
165 100
89 69.7 50.6 76.0
121 25.7 18.4 27.6





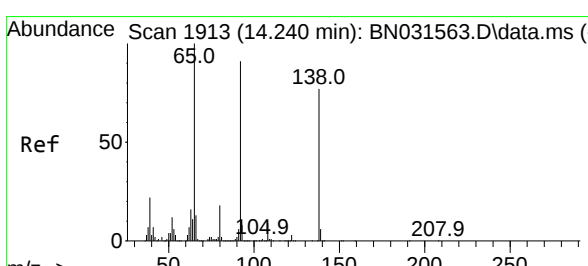
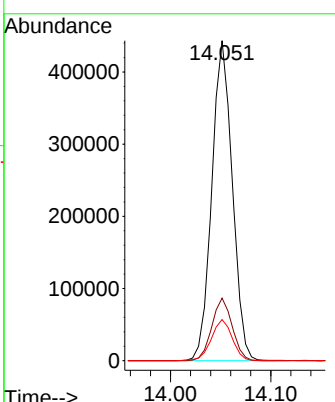
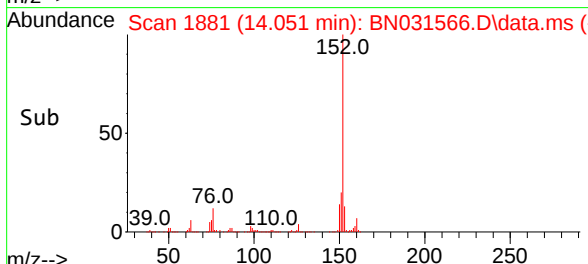
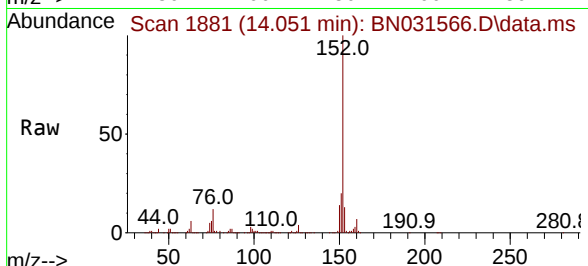
#50
Acenaphthylene
Concen: 5.053 ng/ul
RT: 14.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

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

Tgt Ion:152	Resp: 62884
Ion Ratio	Lower Upper
152	100
151	19.6 15.8 23.6
153	12.8 10.3 15.5

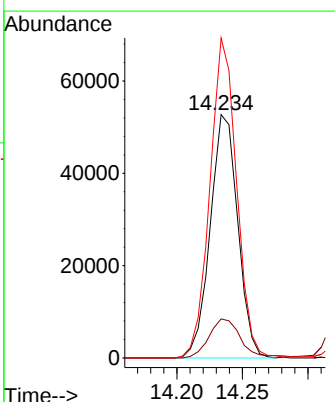
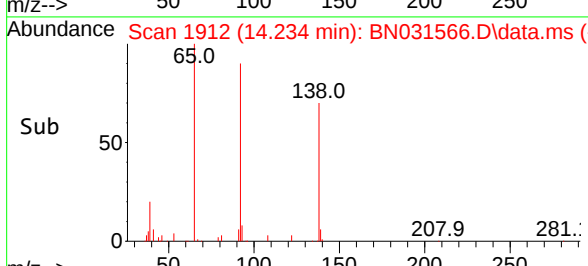
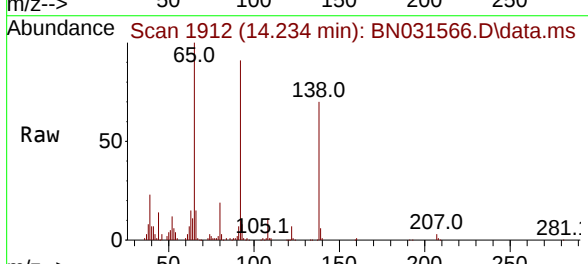
Manual Integrations
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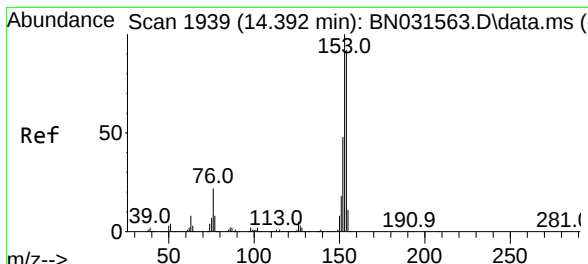
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#51
3-Nitroaniline
Concen: 4.245 ng/ul
RT: 14.234 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

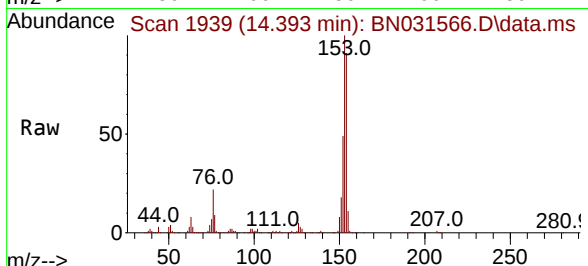
Tgt Ion:138	Resp: 76933
Ion Ratio	Lower Upper
138	100
108	16.0 12.0 18.0
92	131.5 99.8 149.8





#52
Acenaphthene
Concen: 4.826 ng/ul
RT: 14.393 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

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

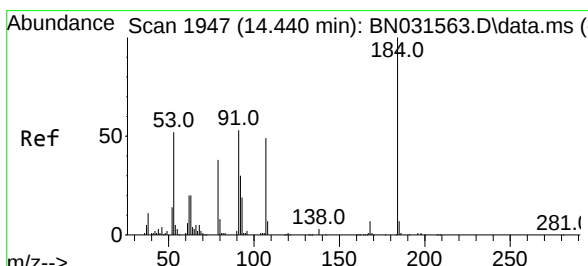
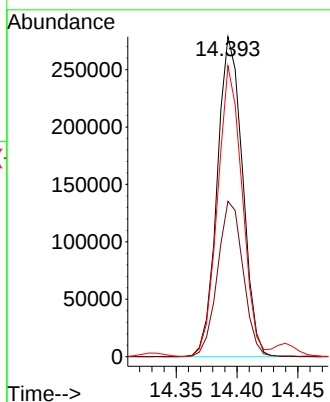
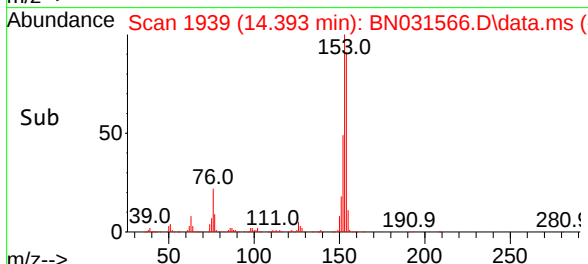


Tgt Ion:153 Resp: 40276

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.9	58.3
154	90.9	69.5	104.3

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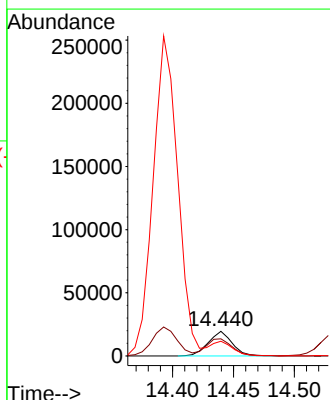
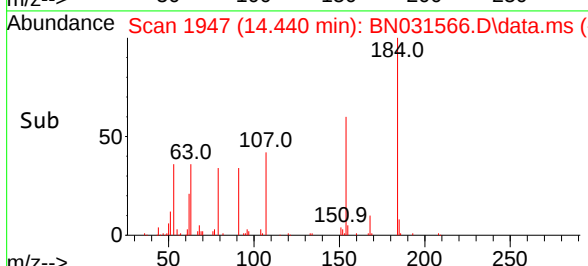
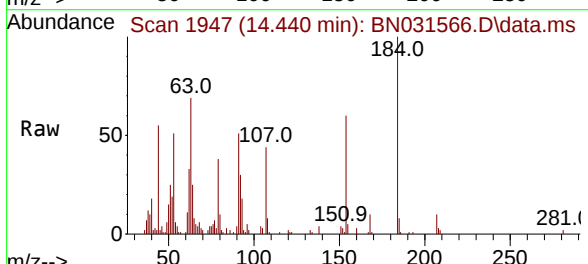
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

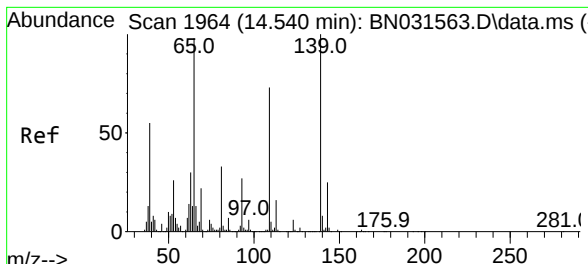


#53
2,4-Dinitrophenol
Concen: 4.029 ng/ul
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

Tgt Ion:184 Resp: 26556

Ion	Ratio	Lower	Upper
184	100		
63	69.1	55.0	82.4
154	59.8	51.9	77.9





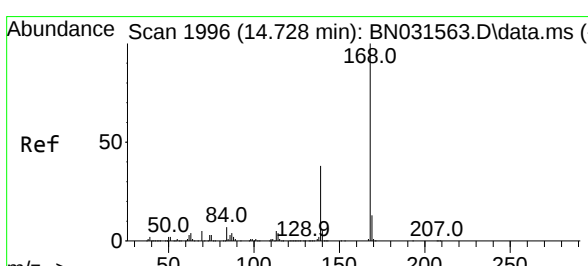
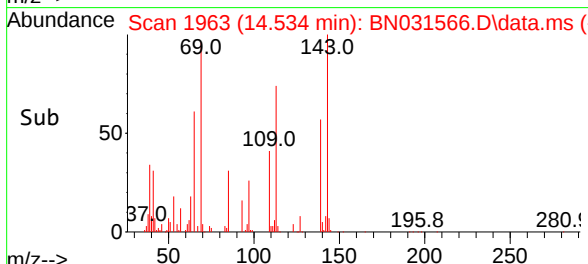
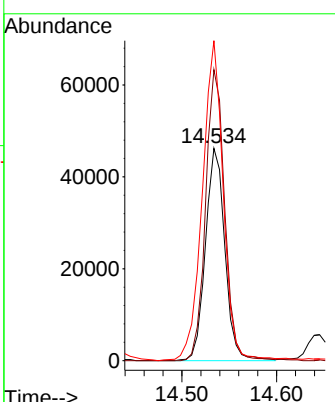
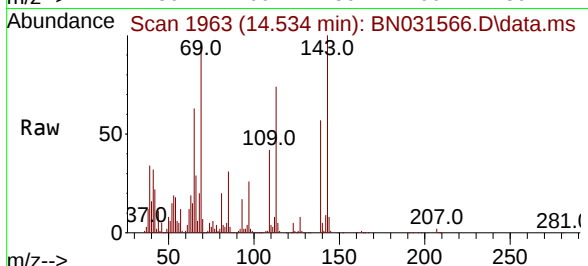
#55
 4-Nitrophenol
 Concen: 4.922 ng/ul
 RT: 14.534 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

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

Tgt Ion:	109	Resp:	6604
Ion Ratio	Lower	Upper	
109	100		
139	137.1	104.0	156.0
65	150.7	110.2	165.2

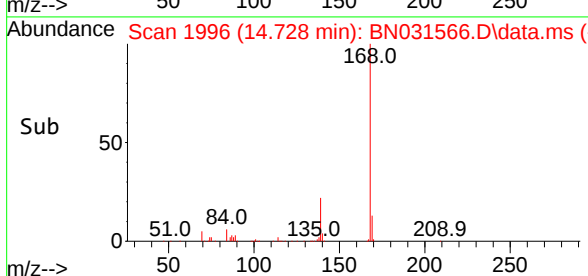
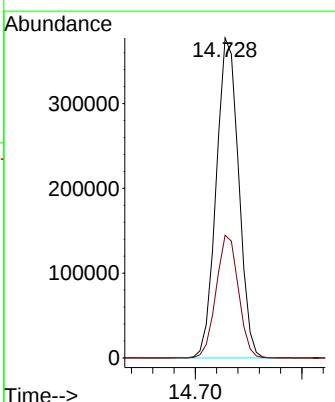
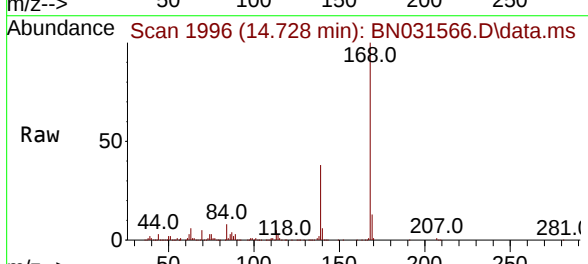
Manual Integrations
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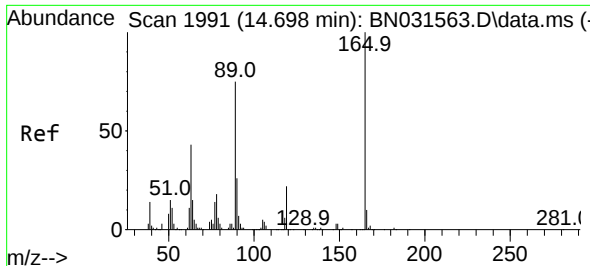
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#56
 Dibenzofuran
 Concen: 4.869 ng/ul
 RT: 14.728 min Scan# 1996
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

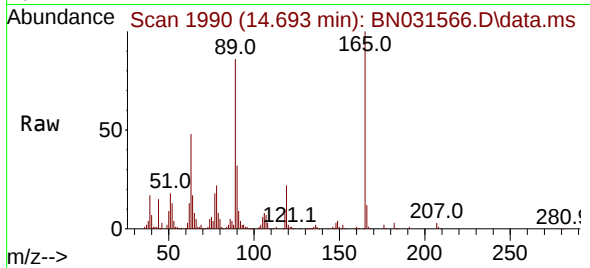
Tgt Ion:	168	Resp:	550606
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.9	46.3





#57
2,4-Dinitrotoluene
Concen: 4.504 ng/ul
RT: 14.693 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

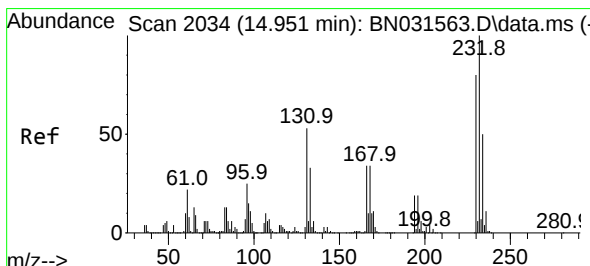
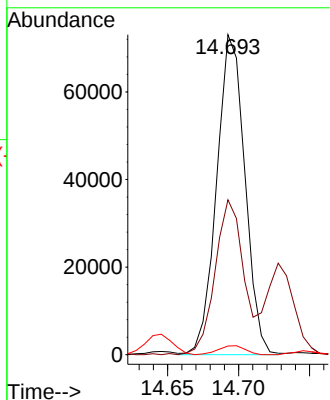
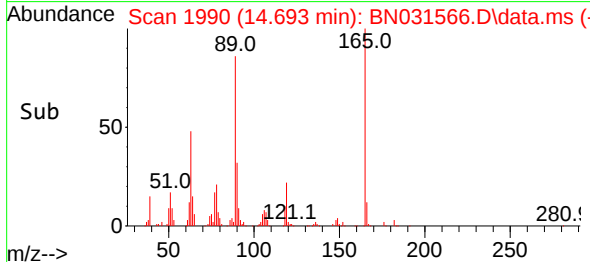
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:165 Resp: 100890
Ion Ratio Lower Upper
165 100
63 48.4 39.1 58.7
182 2.7 2.5 3.7

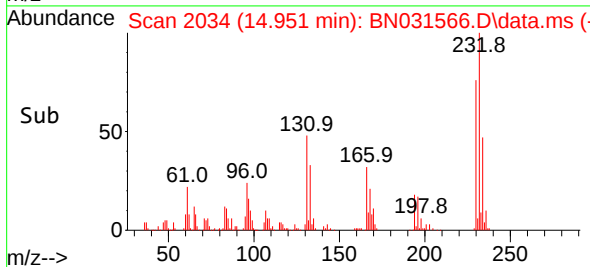
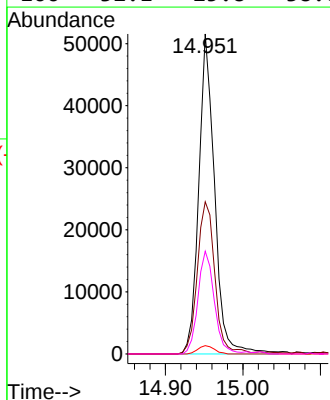
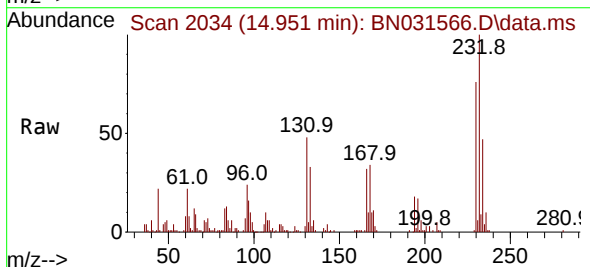
Manual Integrations
APPROVED

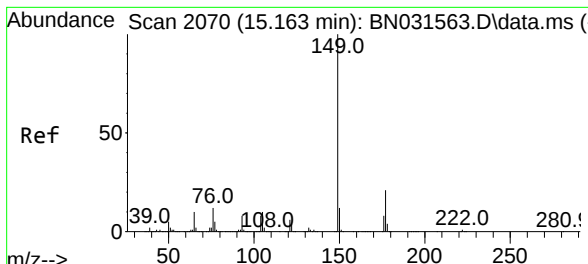
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.608 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

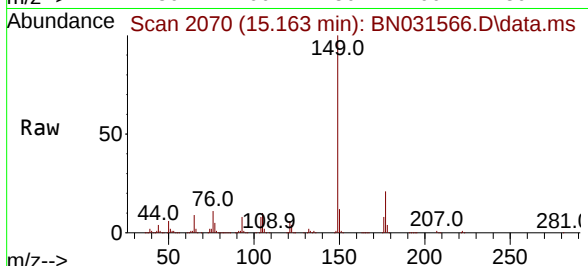
Tgt Ion:232 Resp: 73281
Ion Ratio Lower Upper
232 100
131 47.6 38.8 58.2
130 2.6 2.0 3.0
166 32.1 25.8 38.6





#59
Diethylphthalate
 Concen: 4.718 ng/ul
 RT: 15.163 min Scan# 2070
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

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

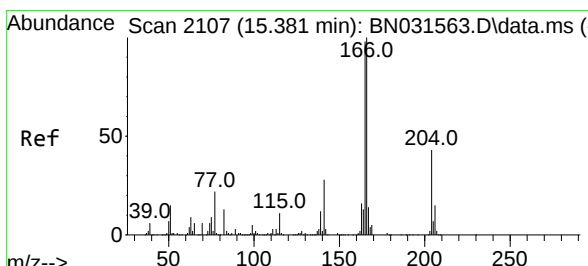
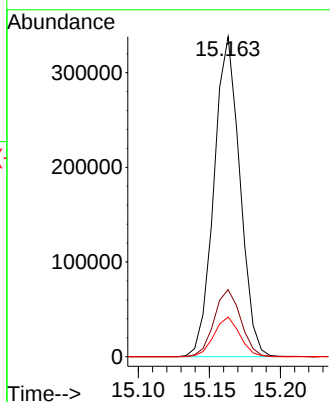
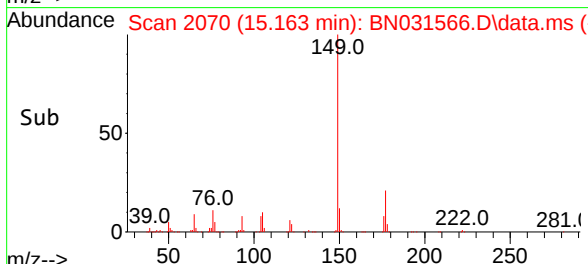


Tgt Ion:149 Resp: 429517

Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.9	25.3
150	12.4	9.8	14.8

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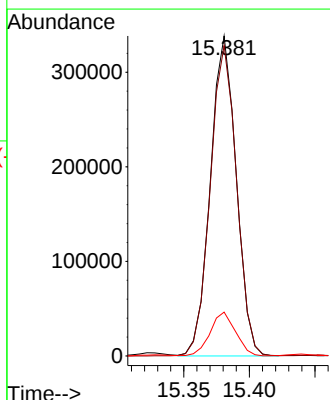
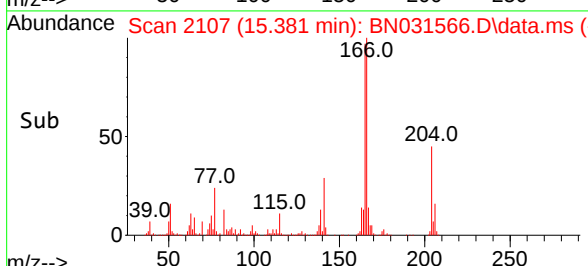
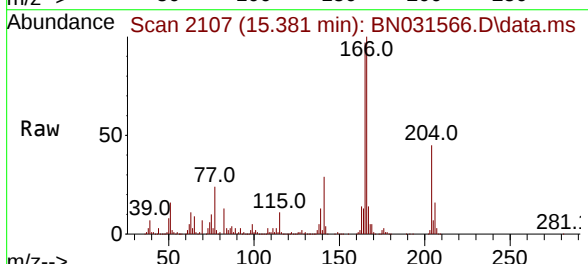
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

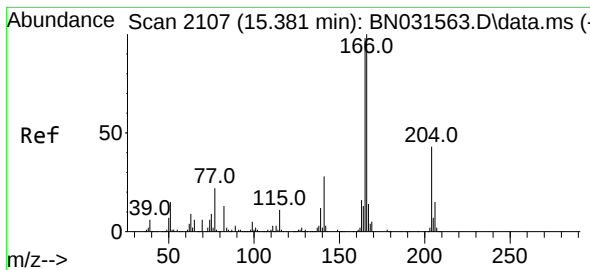


#61
Fluorene
 Concen: 5.008 ng/ul
 RT: 15.381 min Scan# 2107
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

Tgt Ion:166 Resp: 464856

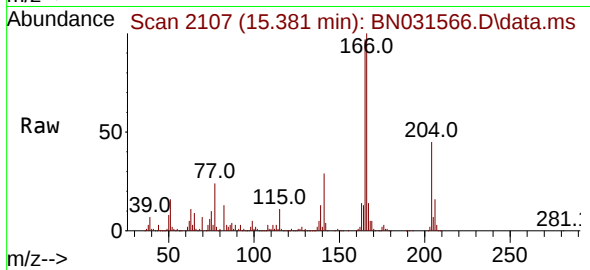
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.7	10.6	15.8





#62
4-Chlorophenyl-phenylether
Concen: 4.862 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

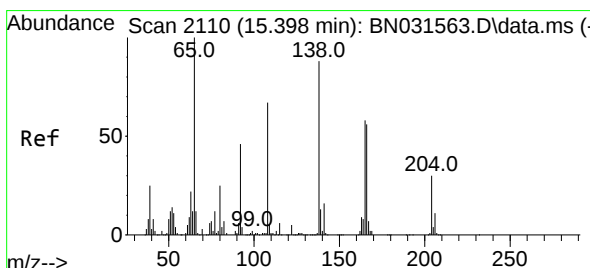
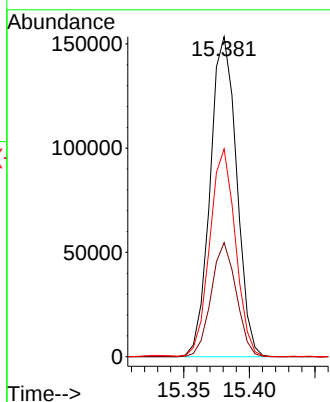
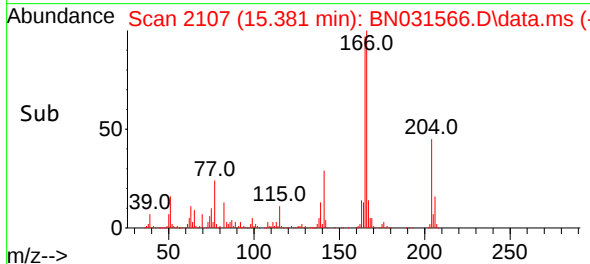
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



Tgt Ion:204 Resp: 21536
Ion Ratio Lower Upper
204 100
206 35.7 26.6 40.0
141 64.9 50.3 75.5

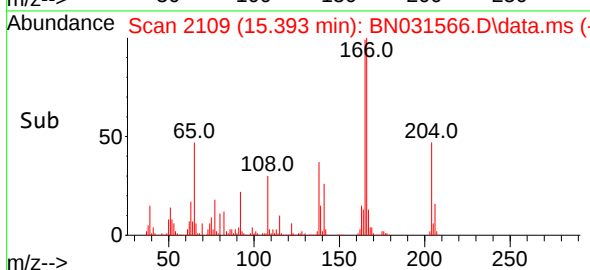
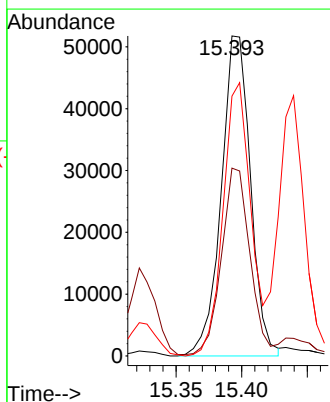
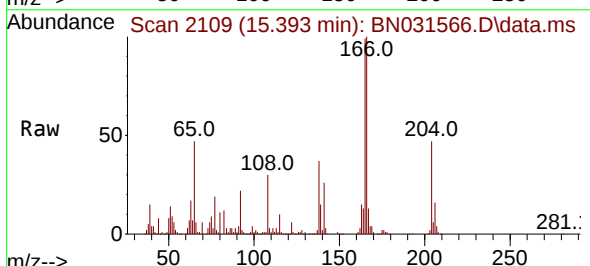
Manual Integrations
APPROVED

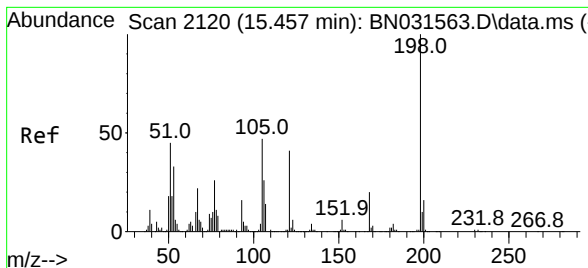
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#63
4-Nitroaniline
Concen: 4.401 ng/ul
RT: 15.393 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

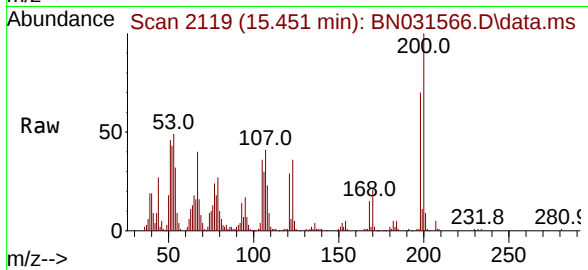
Tgt Ion:138 Resp: 80419
Ion Ratio Lower Upper
138 100
92 58.7 43.8 65.8
108 81.2 65.0 97.4





#66
4,6-Dinitro-2-methylphenol
Concen: 4.788 ng/ul
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

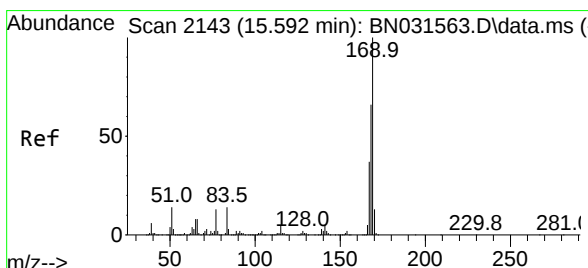
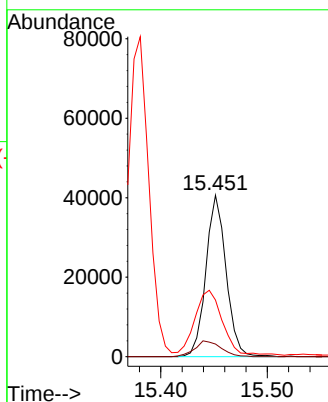
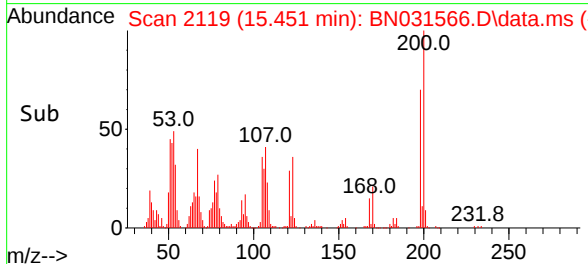
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT2-2024-03



Tgt Ion:198 Resp: 53509
Ion Ratio Lower Upper
198 100
182 7.8 3.8 5.8
77 35.1 24.5 36.7

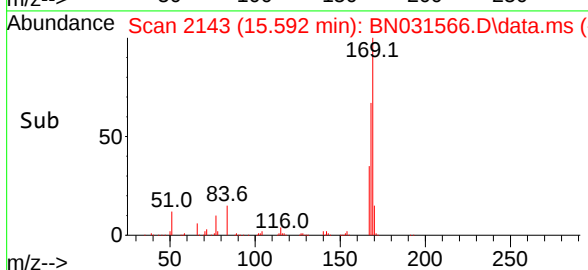
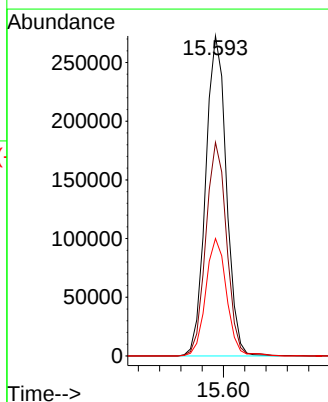
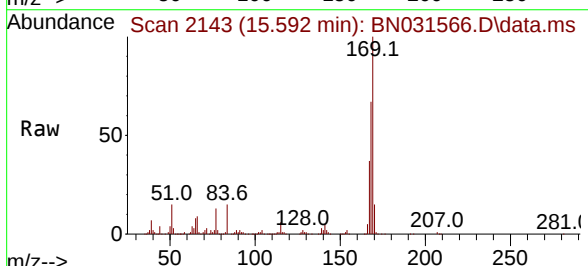
Manual Integrations
APPROVED

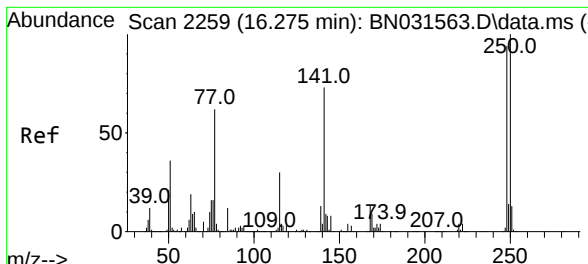
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#67
N-Nitrosodiphenylamine
Concen: 4.825 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

Tgt Ion:169 Resp: 369260
Ion Ratio Lower Upper
169 100
168 66.8 50.3 75.5
167 36.7 29.8 44.6





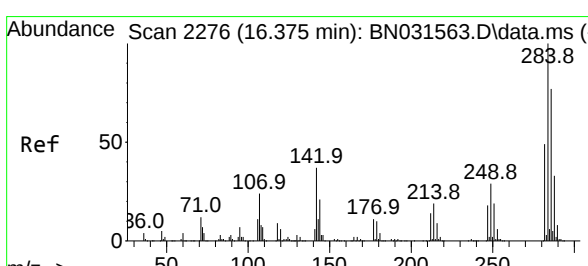
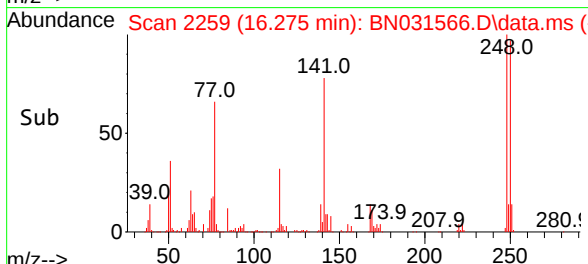
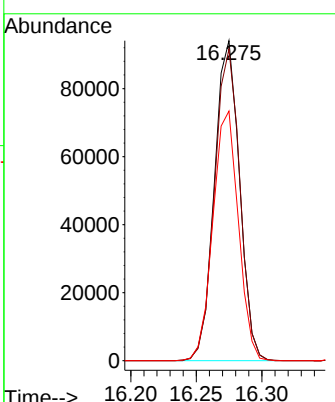
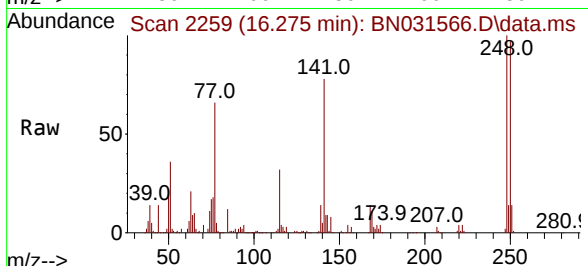
#68
 4-Bromophenyl-phenylether
 Concen: 4.883 ng/ul
 RT: 16.275 min Scan# 2259
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

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

Tgt Ion: 248 Resp: 12520

Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	118.0
141	78.0	60.0	90.0

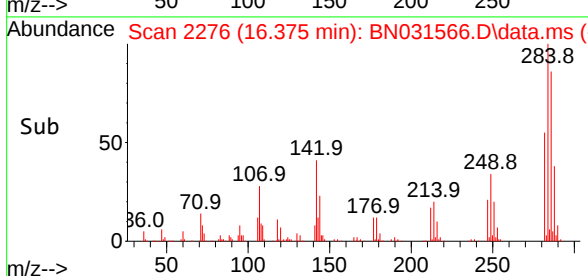
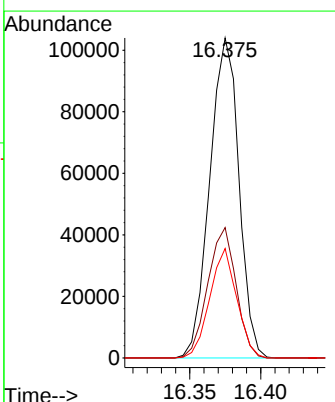
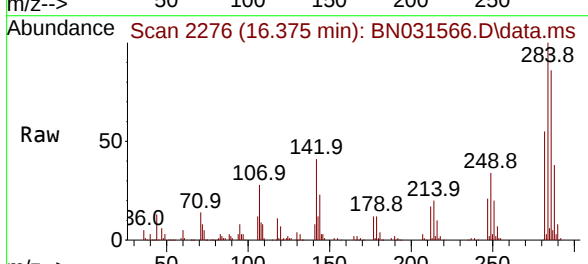
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

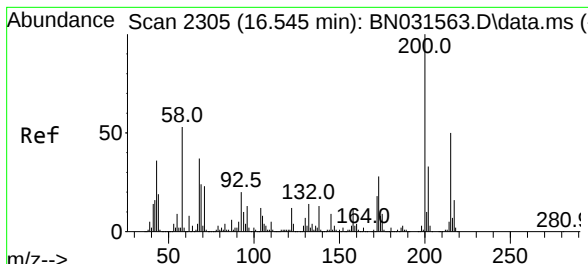


#69
 Hexachlorobenzene
 Concen: 4.965 ng/ul
 RT: 16.375 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

Tgt Ion: 284 Resp: 148439

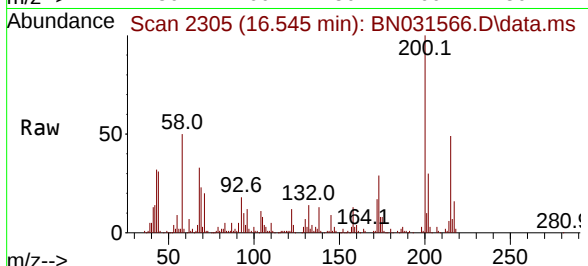
Ion	Ratio	Lower	Upper
284	100		
142	40.8	31.8	47.8
249	34.2	24.1	36.1





#70
 Atrazine
 Concen: 5.242 ng/ul
 RT: 16.545 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

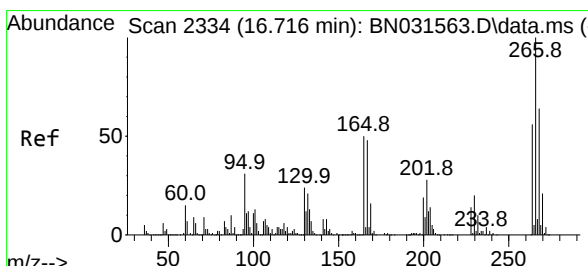
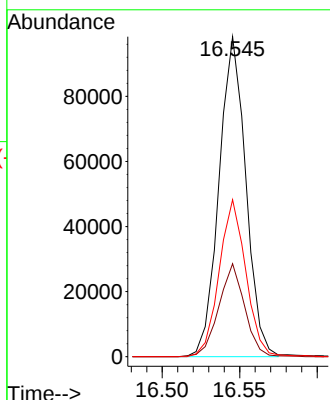
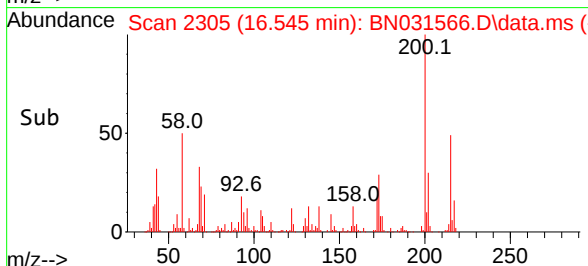
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT2-2024-03



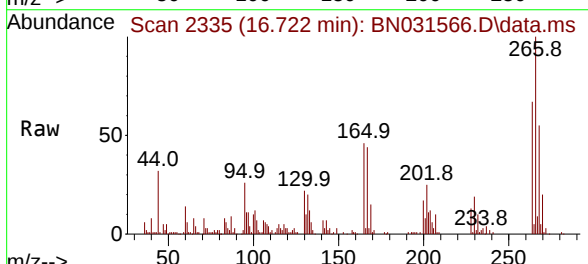
Tgt Ion:200 Resp: 11824
 Ion Ratio Lower Upper
 200 100
 173 29.1 21.2 31.8
 215 49.0 40.0 60.0

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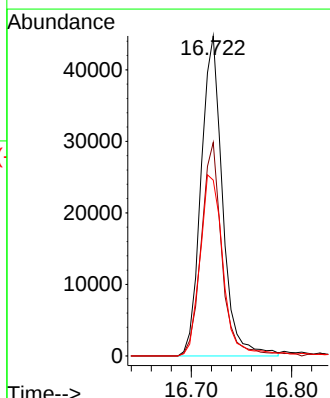
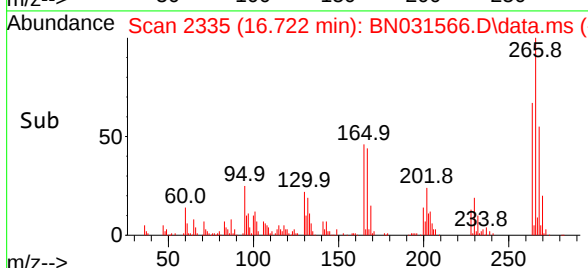
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

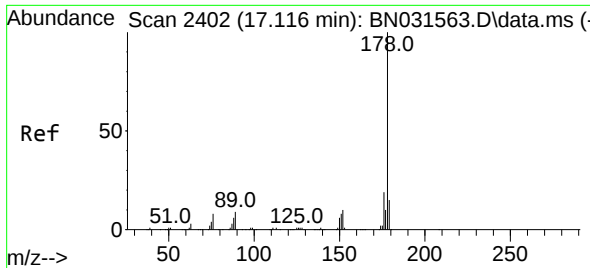


#71
 Pentachlorophenol
 Concen: 4.403 ng/ul
 RT: 16.722 min Scan# 2335
 Delta R.T. 0.000 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54



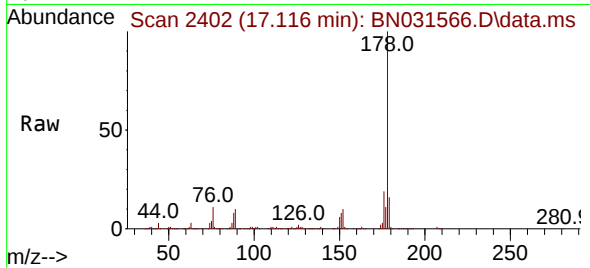
Tgt Ion:266 Resp: 66754
 Ion Ratio Lower Upper
 266 100
 264 66.7 56.7 85.1
 268 54.9 53.0 79.4





#72
Phenanthrene
Concen: 4.929 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

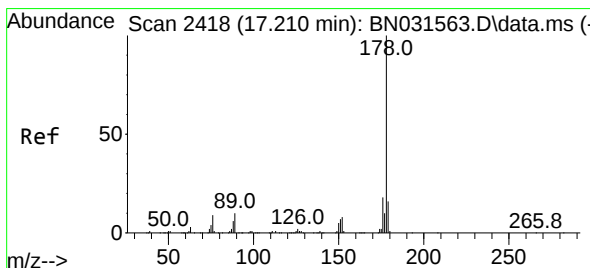
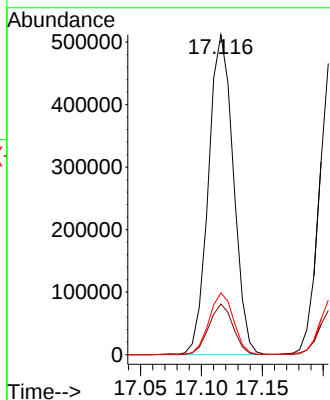
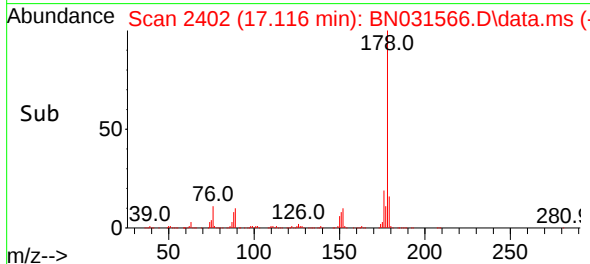
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



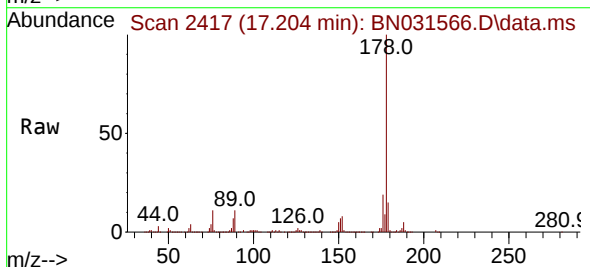
Tgt Ion:178 Resp: 72868
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 19.3 15.9 23.9

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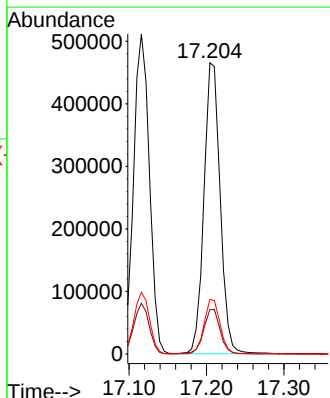
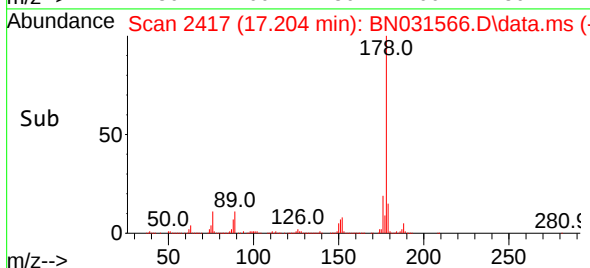
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

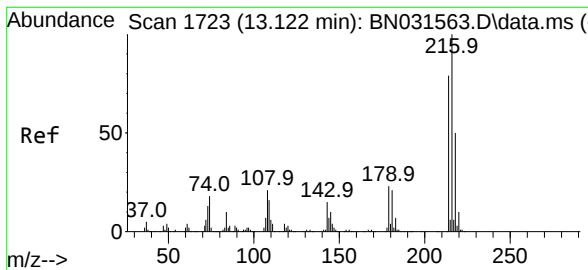


#74
Anthracene
Concen: 4.543 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54



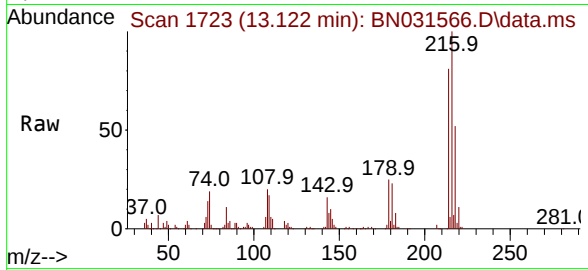
Tgt Ion:178 Resp: 677282
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.8 14.2 21.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.787 ng/uL
RT: 13.122 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

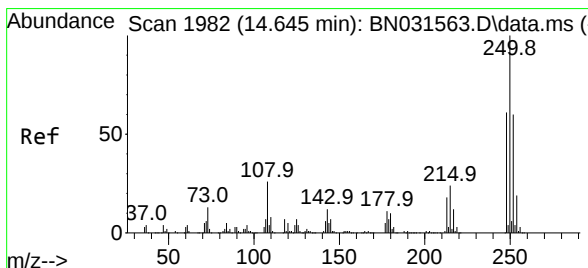
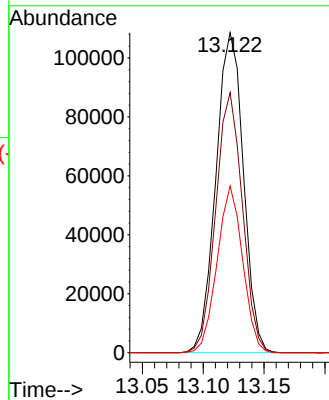
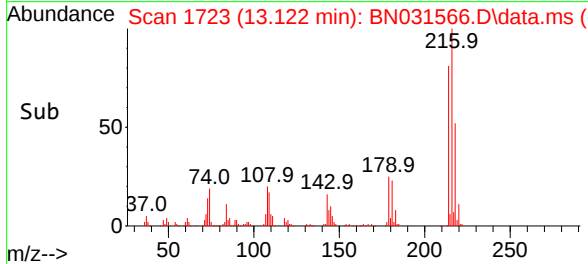
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



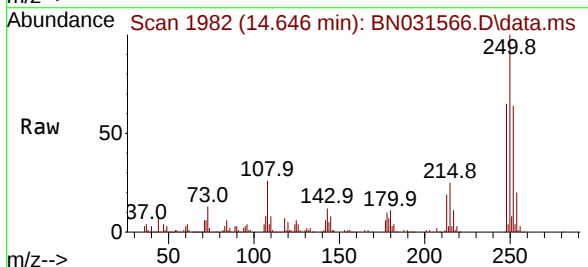
Tgt Ion:216 Resp: 17085
Ion Ratio Lower Upper
216 100
214 81.3 58.9 88.3
218 52.1 38.3 57.5

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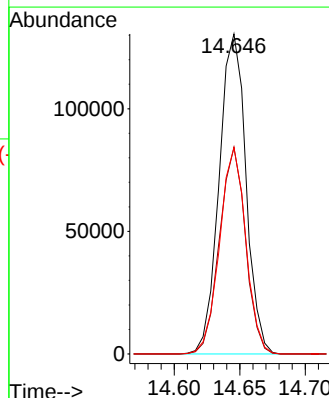
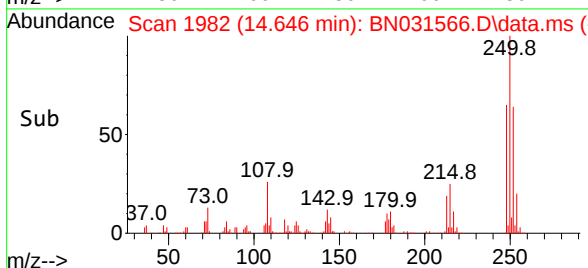
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

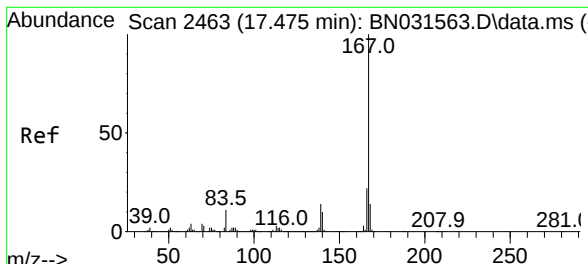


#76
Pentachlorobenzene
Concen: 5.373 ng/uL
RT: 14.646 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54



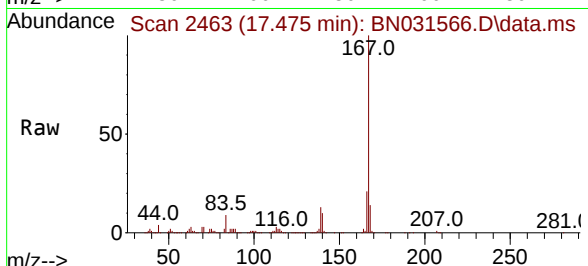
Tgt Ion:250 Resp: 185640
Ion Ratio Lower Upper
250 100
248 64.5 52.0 78.0
252 64.5 53.7 80.5





#77
 Carbazole
 Concen: 4.577 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

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

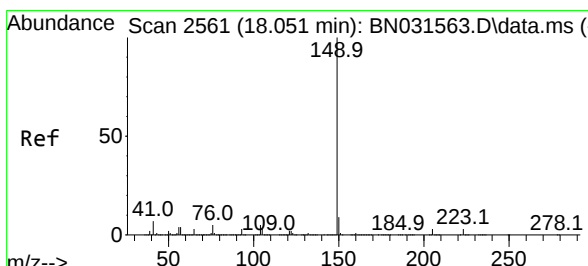
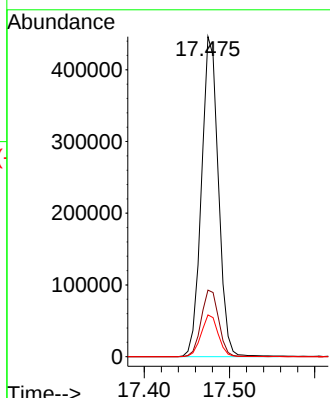
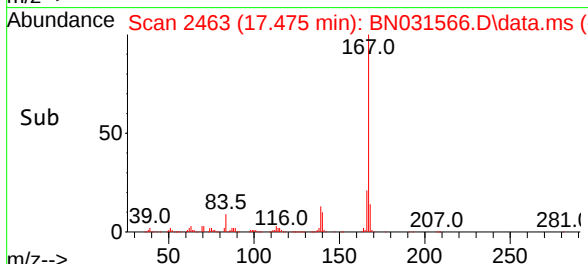


Tgt Ion:167 Resp: 61424

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.2	24.4
139	13.0	10.0	15.0

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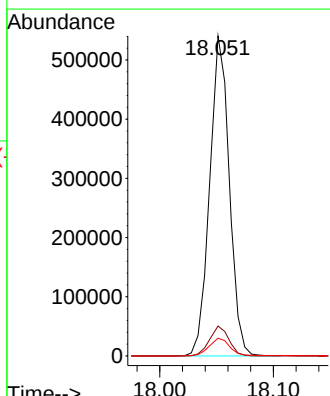
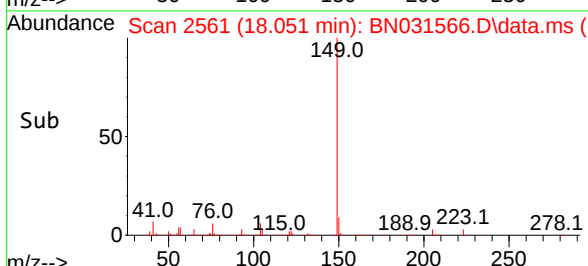
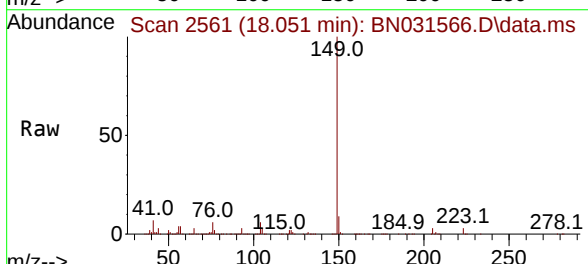
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

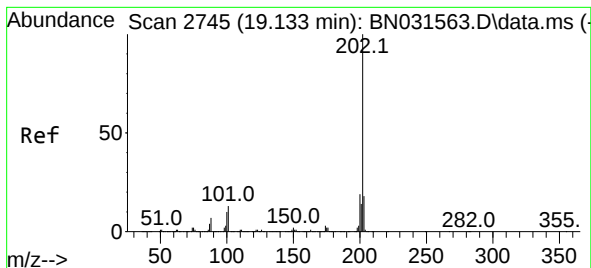


#78
 Di-n-butylphthalate
 Concen: 4.388 ng/ul
 RT: 18.051 min Scan# 2561
 Delta R.T. -0.012 min
 Lab File: BN031566.D
 Acq: 20 May 2024 10:54

Tgt Ion:149 Resp: 648999

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	5.6	4.3	6.5





#80

Fluoranthene

Concen: 5.535 ng/ul

RT: 19.134 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2024-03

Tgt Ion:202 Resp: 780849

Ion Ratio Lower Upper

202 100

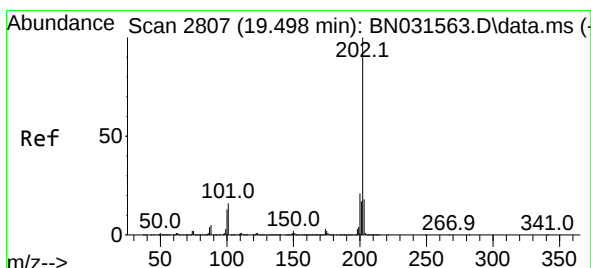
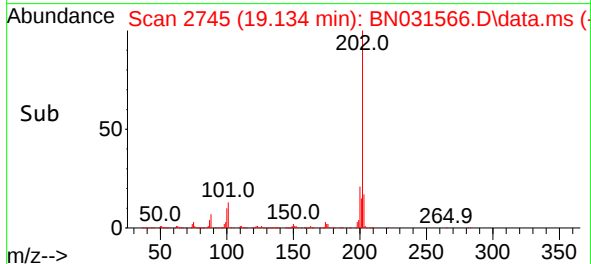
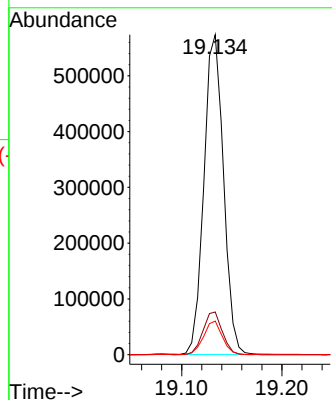
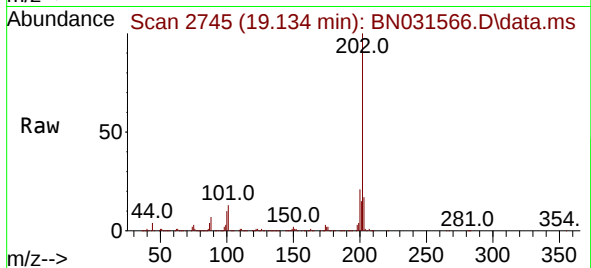
101 13.3 10.7 16.1

100 10.5 8.0 12.0

Manual Integrations

APPROVED

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



#82

Pyrene

Concen: 5.523 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

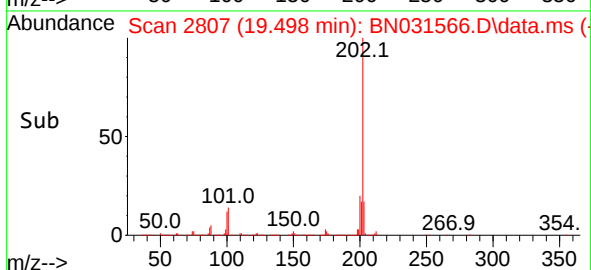
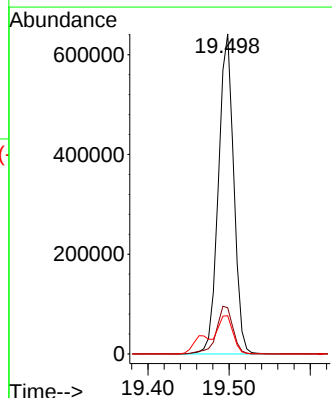
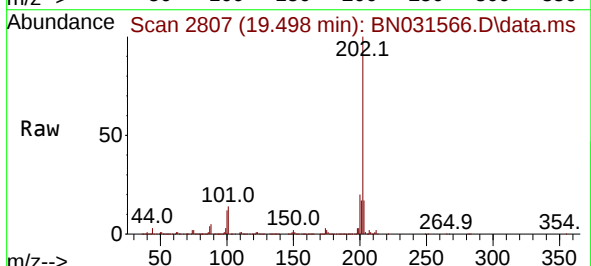
Tgt Ion:202 Resp: 843797

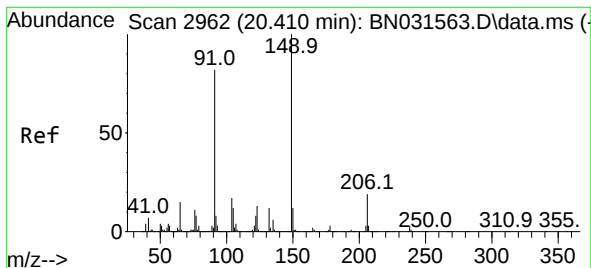
Ion Ratio Lower Upper

202 100

101 14.5 12.7 19.1

100 12.0 10.3 15.5





#83

Butylbenzylphthalate

Concen: 4.373 ng/ul

RT: 20.410 min Scan# 2962

Delta R.T. -0.006 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2024-03

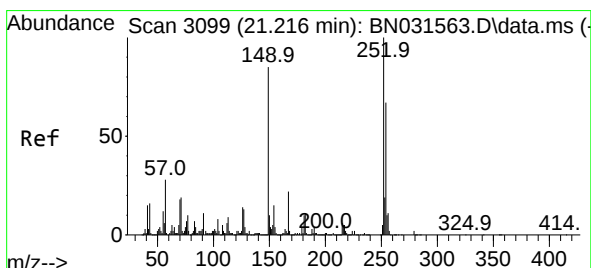
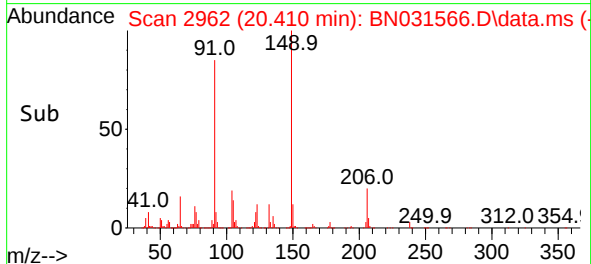
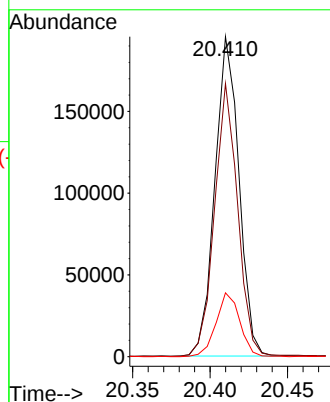
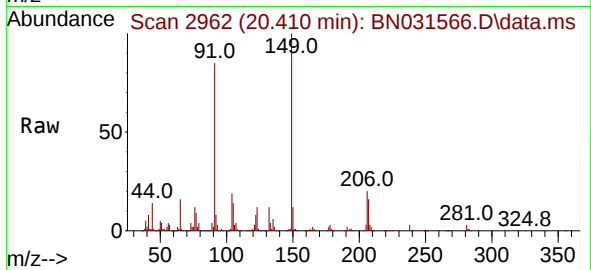
Tgt Ion:149 Resp: 210634

Ion	Ratio	Lower	Upper
149	100		
91	85.3	64.9	97.3
206	20.0	14.4	21.6

Manual Integrations

APPROVED

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



#84

3,3'-Dichlorobenzidine

Concen: 3.712 ng/ul

RT: 21.216 min Scan# 3099

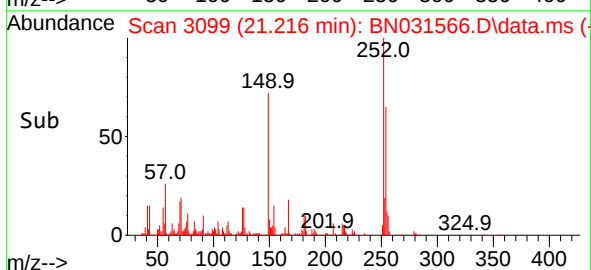
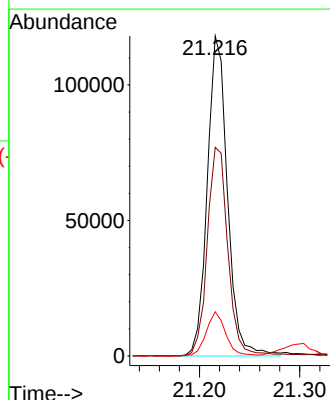
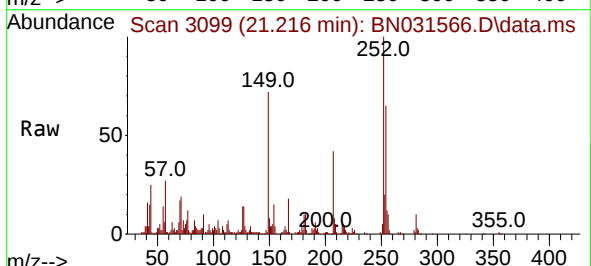
Delta R.T. -0.006 min

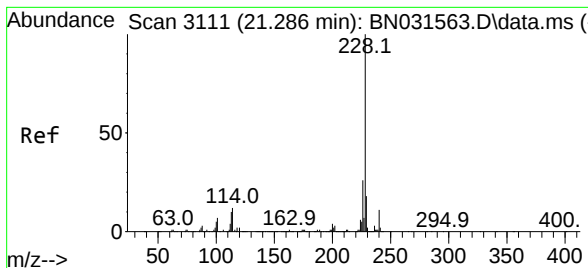
Lab File: BN031566.D

Acq: 20 May 2024 10:54

Tgt Ion:252 Resp: 164795

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.4
126	13.8	11.0	16.4





#85

Benzo(a)anthracene

Concen: 4.903 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

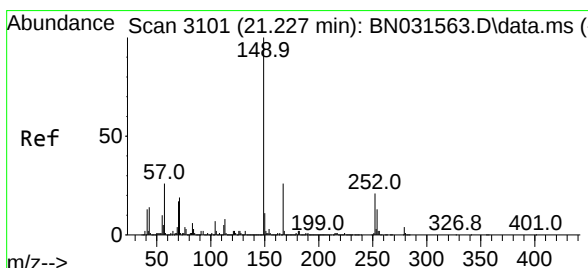
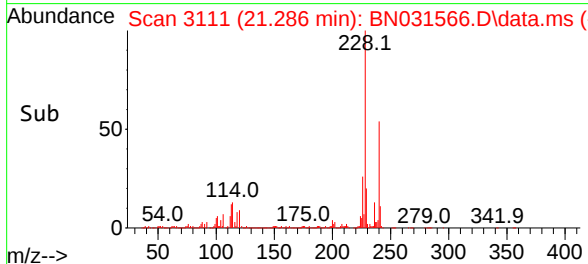
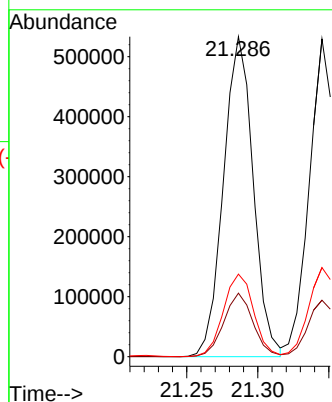
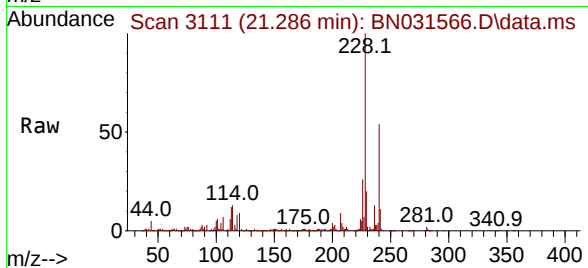
MDL-SOIL-QT2-2024-03

Tgt Ion:228 Resp: 776490
 Ion Ratio Lower Upper
 228 100
 229 19.8 15.1 22.7
 226 25.8 20.7 31.1

Manual Integrations

APPROVED

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.383 ng/ul

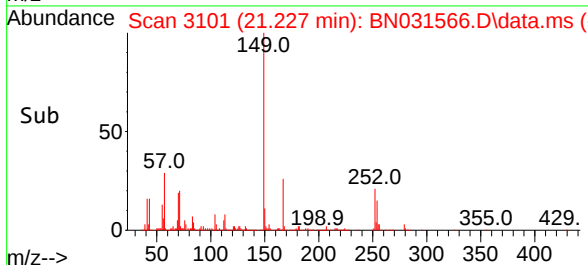
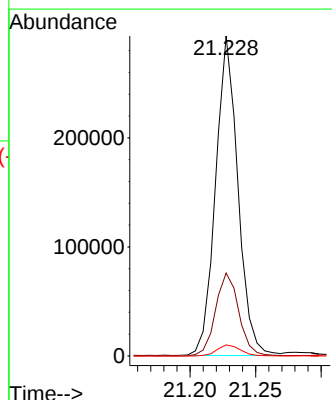
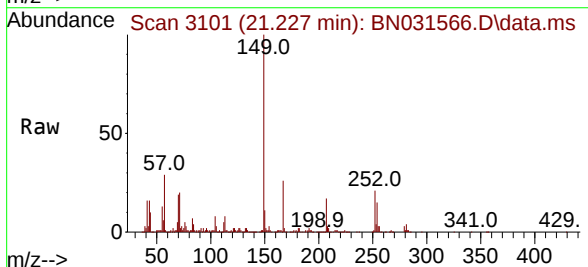
RT: 21.227 min Scan# 3101

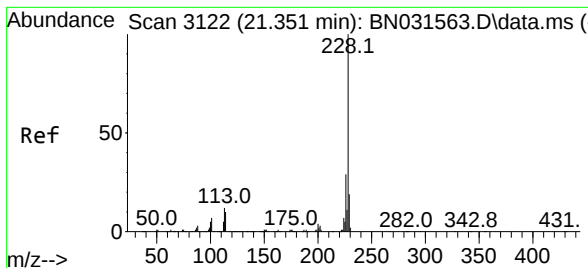
Delta R.T. -0.012 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Tgt Ion:149 Resp: 346900
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.2 31.8
 279 3.5 3.0 4.6





#87

Chrysene

Concen: 4.910 ng/ul

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

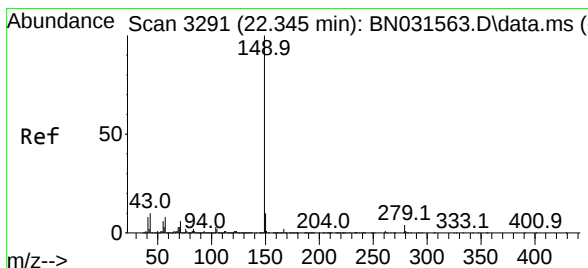
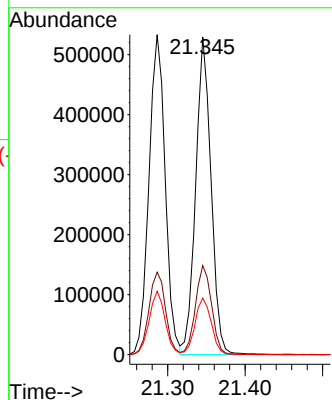
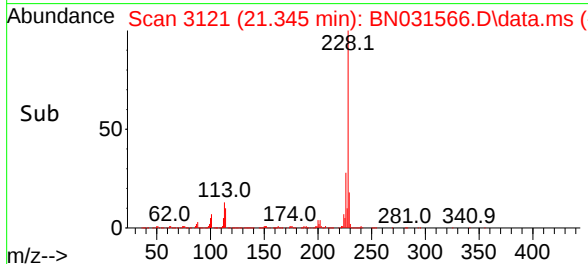
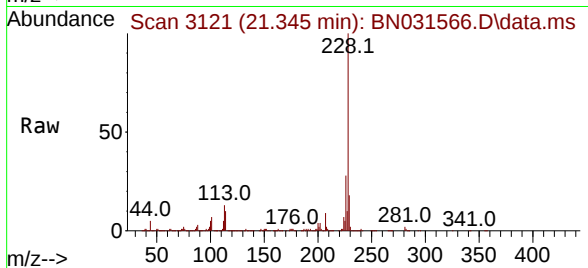
MDL-SOIL-QT2-2024-03

Tgt Ion:228 Resp: 727129
 Ion Ratio Lower Upper
 228 100
 226 28.0 24.3 36.5
 229 17.8 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: 4.158 ng/ul

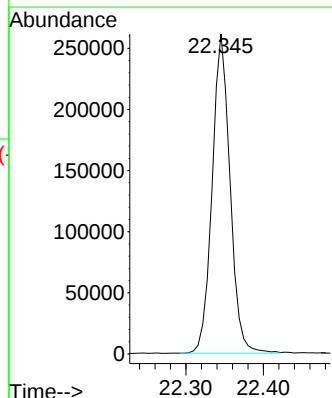
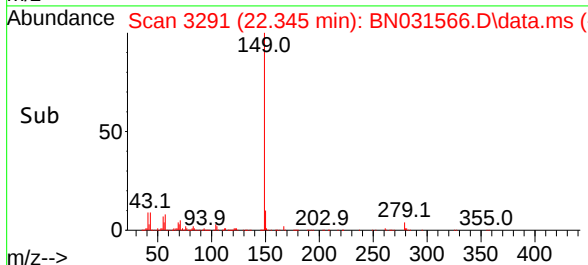
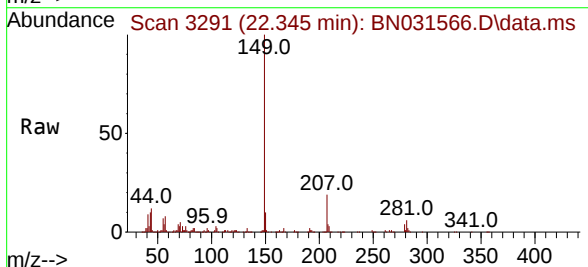
RT: 22.345 min Scan# 3291

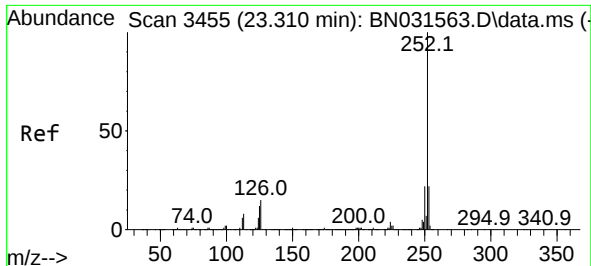
Delta R.T. -0.018 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

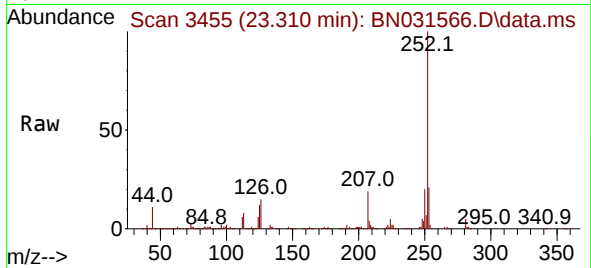
Tgt Ion:149 Resp: 418969





#90
Benzo(b)fluoranthene
Concen: 5.016 ng/ul
RT: 23.310 min Scan# 3455
Delta R.T. -0.012 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54

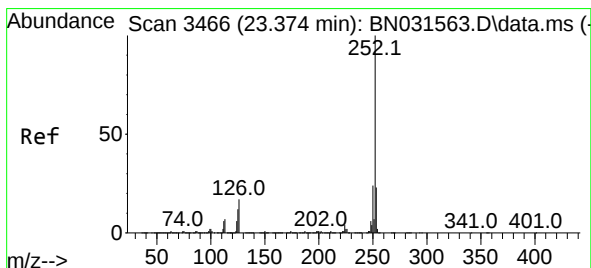
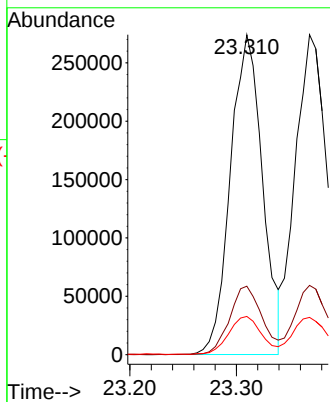
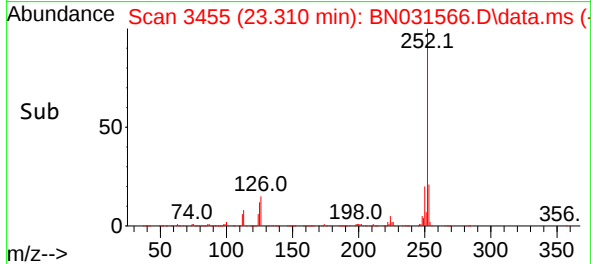
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT2-2024-03



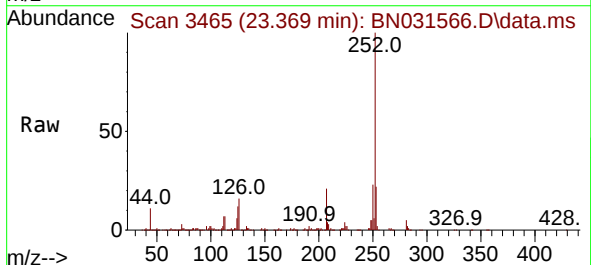
Tgt Ion:252 Resp: 57478
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 12.0 9.8 14.8

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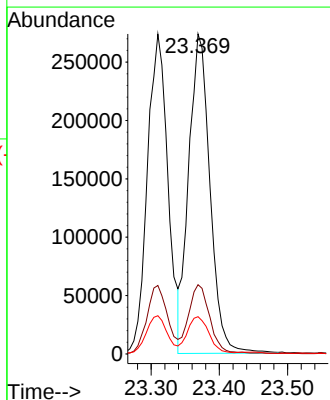
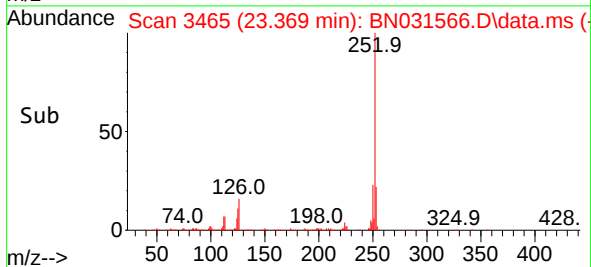
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

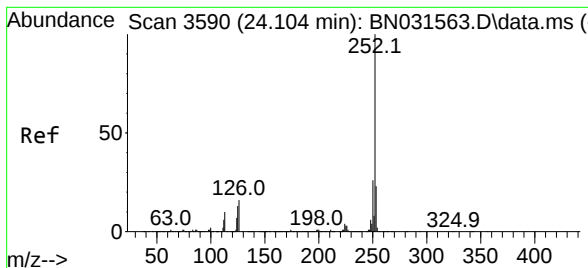


#91
Benzo(k)fluoranthene
Concen: 5.042 ng/ul
RT: 23.369 min Scan# 3465
Delta R.T. -0.012 min
Lab File: BN031566.D
Acq: 20 May 2024 10:54



Tgt Ion:252 Resp: 590435
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 11.7 10.3 15.5





#93

Benzo(a)pyrene

Concen: 4.718 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. -0.018 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

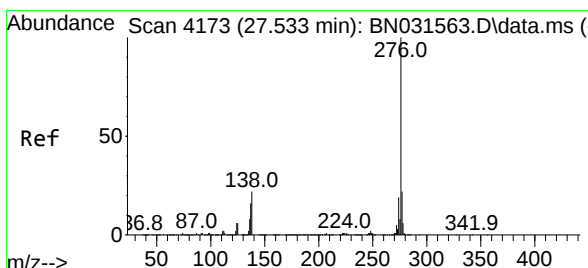
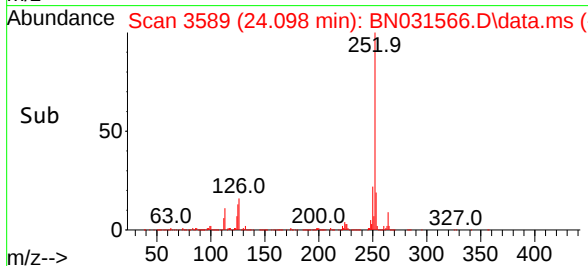
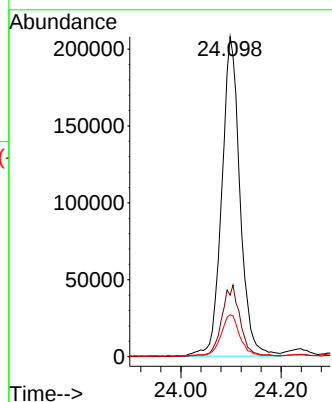
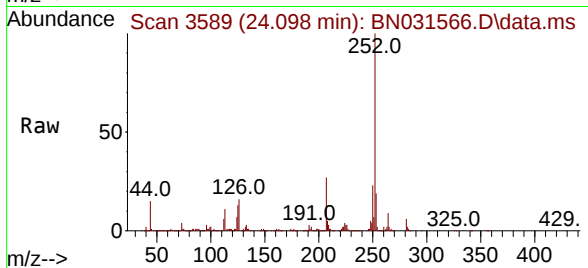
MDL-SOIL-QT2-2024-03

Tgt Ion:	252	Resp:	524264
Ion Ratio	Lower	Upper	
252	100		
253	19.2	17.4	26.2
125	13.1	10.3	15.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.809 ng/ul

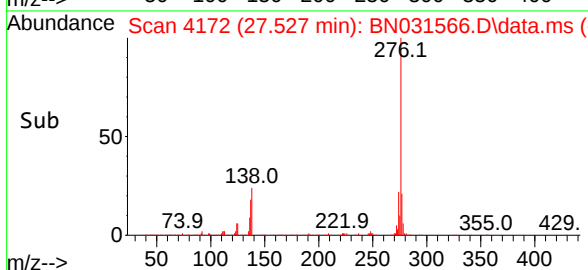
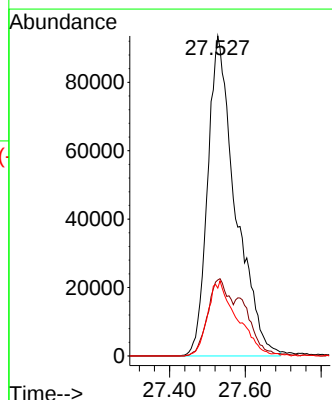
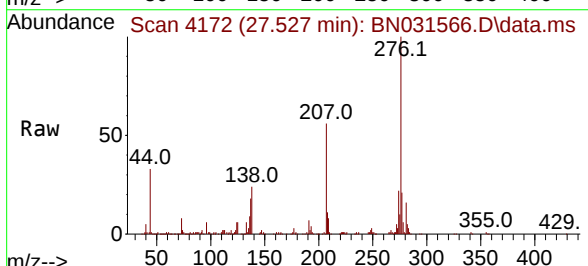
RT: 27.527 min Scan# 4172

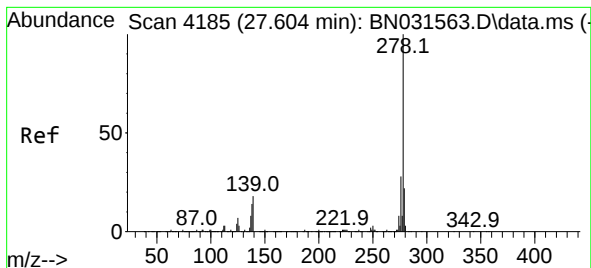
Delta R.T. -0.023 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Tgt Ion:	276	Resp:	477023
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.6	27.8
277	21.2	17.4	26.2





#95

Dibenzo(a,h)anthracene

Concen: 3.743 ng/ul

RT: 27.598 min Scan# 4185

Delta R.T. -0.023 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT2-2024-03

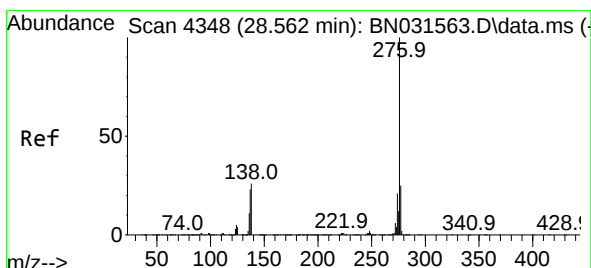
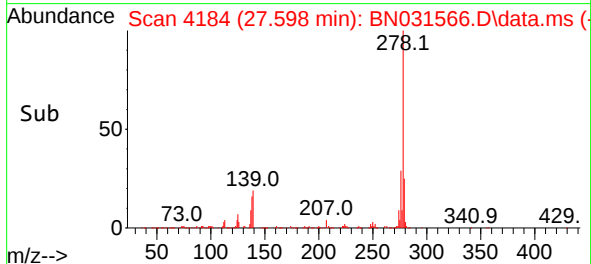
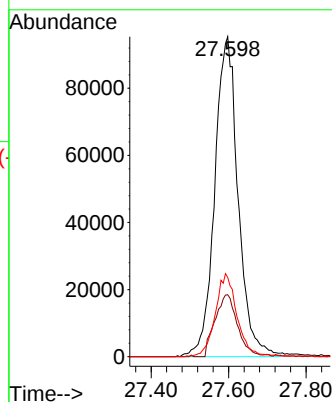
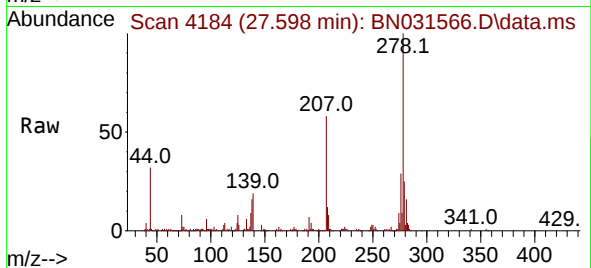
Tgt Ion: 278 Resp: 39930

Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.7	22.1
279	24.8	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: 3.839 ng/ul

RT: 28.551 min Scan# 4346

Delta R.T. -0.035 min

Lab File: BN031566.D

Acq: 20 May 2024 10:54

Tgt Ion: 276 Resp: 388239

Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.0	28.6
277	21.8	19.2	28.8

