

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020524\
 Data File : BP019560.D
 Acq On : 05 Feb 2024 14:29
 Operator : MA/JU
 Sample : P1187-01
 Misc : LOD-MDL-SOIL-8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Feb 05 14:58:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	77985	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	326443	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	233844	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	542233	20.000	ng	0.00
76) Chrysene-d12	21.392	240	422154	20.000	ng	0.00
86) Perylene-d12	23.809	264	430318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	460732	95.232	ng	-0.01
7) Phenol-d6	7.075	99	644029	98.726	ng	-0.01
23) Nitrobenzene-d5	9.075	82	508534	67.502	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	352828	103.339	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1213145	64.134	ng	0.00
79) Terphenyl-d14	19.868	244	2006752	78.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	13904	7.459	ng	96
3) Pyridine	3.787	79	34230	6.773	ng	98
4) n-Nitrosodimethylamine	3.705	42	15465	7.029	ng	# 96
6) Aniline	7.240	93	55868	8.814	ng	99
8) 2-Chlorophenol	7.469	128	34778	7.002	ng	98
9) Benzaldehyde	7.051	77	37960	8.300	ng	92
10) Phenol	7.098	94	47530	7.310	ng	97
11) bis(2-Chloroethyl)ether	7.346	93	36615	7.239	ng	96
12) 1,3-Dichlorobenzene	7.793	146	41927	6.898	ng	95
13) 1,4-Dichlorobenzene	7.946	146	42220	6.857	ng	95
14) 1,2-Dichlorobenzene	8.257	146	41849	7.024	ng	97
15) Benzyl Alcohol	8.151	79	38834	7.451	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	37408	7.395	ng	98
17) 2-Methylphenol	8.351	107	31742	7.252	ng	96
18) Hexachloroethane	8.981	117	16234	6.802	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	33826	7.591	ng	96
20) 3+4-Methylphenols	8.681	107	42622	7.135	ng	91
22) Acetophenone	8.740	105	65885	7.085	ng	# 98
24) Nitrobenzene	9.116	77	51814	6.831	ng	98
25) Isophorone	9.640	82	92489	7.049	ng	99
26) 2-Nitrophenol	9.828	139	17365	6.004	ng	98
27) 2,4-Dimethylphenol	9.887	122	30125	8.146	ng	94
28) bis(2-Chloroethoxy)met...	10.134	93	51847	6.984	ng	99
29) 2,4-Dichlorophenol	10.357	162	36824	6.587	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	46057	6.719	ng	96
31) Naphthalene	10.757	128	121596	6.792	ng	100
32) Benzoic acid	9.957	122	18957m	5.261	ng	
33) 4-Chloroaniline	10.875	127	51744	7.815	ng	99
34) Hexachlorobutadiene	11.034	225	32552	6.409	ng	93
35) Caprolactam	11.645	113	12004	7.585	ng	# 89
36) 4-Chloro-3-methylphenol	11.992	107	41760	6.851	ng	96
37) 2-Methylnaphthalene	12.369	142	89105	7.191	ng	99
38) 1-Methylnaphthalene	12.586	142	85733	7.041	ng	98
40) 1,2,4,5-Tetrachloroben...	12.728	216	58725	6.512	ng	98
41) Hexachlorocyclopentadiene	12.704	237	29347	7.203	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	32425	5.938	ng	98

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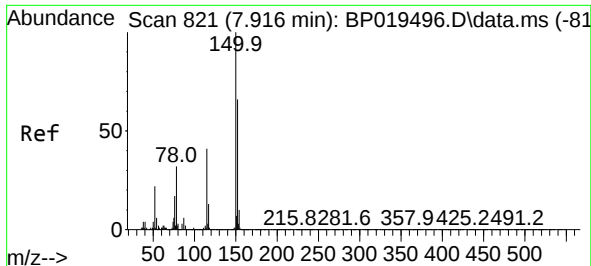
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	36283	6.051	ng	95
46) 1,1'-Biphenyl	13.381	154	128480	6.884	ng	99
47) 2-Chloronaphthalene	13.422	162	99017	6.463	ng	96
48) 2-Nitroaniline	13.633	65	26913	6.282	ng	91
49) Acenaphthylene	14.263	152	157793	7.341	ng	99
50) Dimethylphthalate	14.010	163	128294	7.167	ng	99
51) 2,6-Dinitrotoluene	14.133	165	25833	6.568	ng	96
52) Acenaphthene	14.604	154	88751	6.653	ng	100
53) 3-Nitroaniline	14.457	138	24356	6.738	ng	89
54) 2,4-Dinitrophenol	14.663	184	10561	5.172	ng	90
55) Dibenzofuran	14.945	168	155888	7.175	ng	99
56) 4-Nitrophenol	14.757	139	18279	6.170	ng	98
57) 2,4-Dinitrotoluene	14.916	165	34016	6.600	ng	99
58) Fluorene	15.592	166	124989	7.222	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	35095	6.958	ng	99
60) Diethylphthalate	15.380	149	126586	7.109	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	69218	7.116	ng	99
62) 4-Nitroaniline	15.622	138	24186	6.384	ng	96
63) Azobenzene	15.886	77	120763	7.014	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	15743	5.092	ng	92
66) n-Nitrosodiphenylamine	15.810	169	107006	6.589	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	43072	6.354	ng	99
68) Hexachlorobenzene	16.592	284	50196	6.341	ng	96
69) Atrazine	16.774	200	42136	7.819	ng	99
70) Pentachlorophenol	16.939	266	25084	5.089	ng	97
71) Phenanthrene	17.339	178	201106	7.047	ng	99
72) Anthracene	17.433	178	200409	7.040	ng	99
73) Carbazole	17.710	167	171953	6.649	ng	99
74) Di-n-butylphthalate	18.274	149	187943	6.011	ng	99
75) Fluoranthene	19.310	202	227341	6.522	ng	99
77) Benzidine	19.498	184	92914	10.528	ng	97
78) Pyrene	19.663	202	232769	7.813	ng	99
80) Butylbenzylphthalate	20.557	149	63591	5.715	ng	97
81) Benzo(a)anthracene	21.374	228	202426	6.812	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	67489	6.232	ng	98
83) Chrysene	21.427	228	188530	6.682	ng	98
84) Bis(2-ethylhexyl)phtha...	21.327	149	82789	4.886	ng	# 99
85) Di-n-octyl phthalate	22.274	149	119494	4.009	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.339	276	217695	6.609	ng	99
88) Benzo(b)fluoranthene	23.074	252	177465	6.543	ng	99
89) Benzo(k)fluoranthene	23.121	252	169521	6.543	ng	99
90) Benzo(a)pyrene	23.703	252	154271	6.393	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	183120	6.759	ng	97
92) Benzo(g,h,i)perylene	27.109	276	176477	6.421	ng	99

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



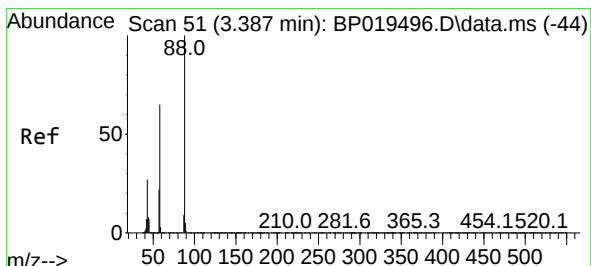
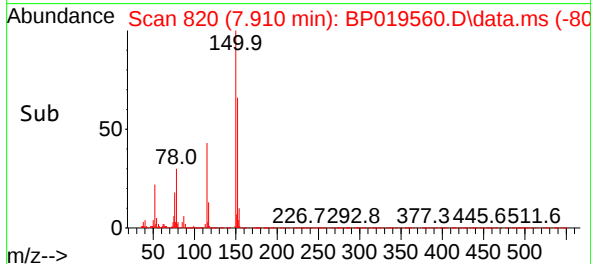
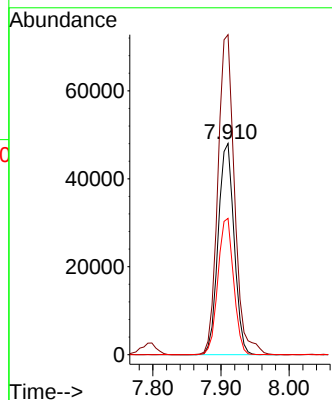
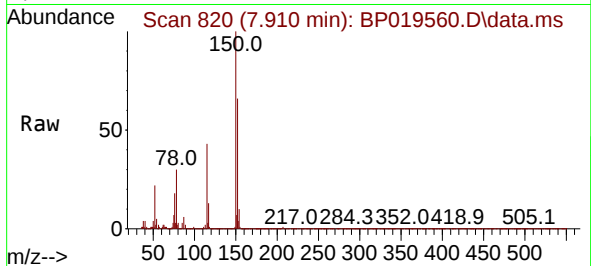
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:152 Resp: 7798
Ion Ratio Lower Upper
152 100
150 151.5 121.8 182.8
115 64.6 49.9 74.9

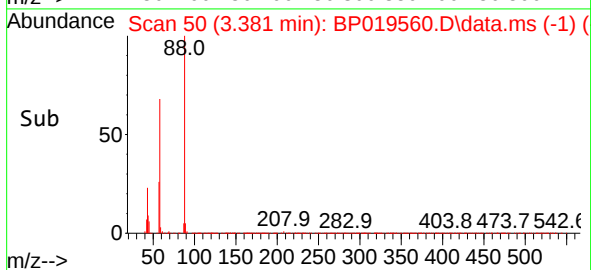
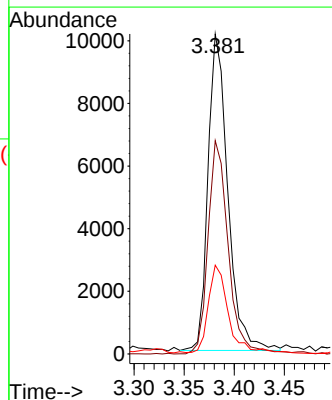
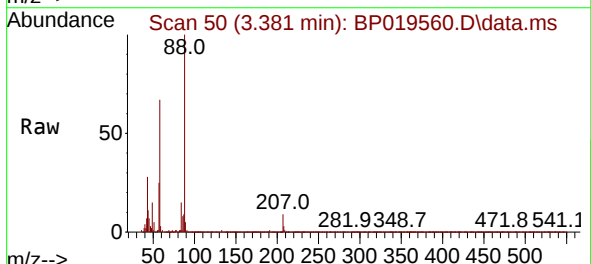
Manual Integrations
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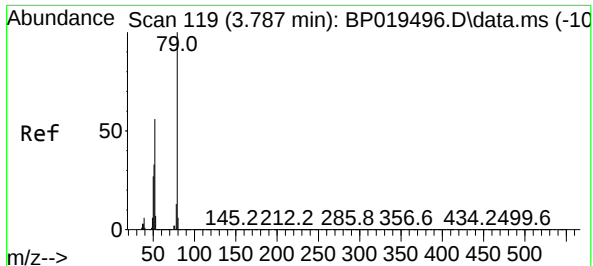
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#2
1,4-Dioxane
Concen: 7.459 ng
RT: 3.381 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion: 88 Resp: 13904
Ion Ratio Lower Upper
88 100
58 68.7 52.6 78.8
43 29.1 21.9 32.9





#3

Pyridine

Concen: 6.773 ng

RT: 3.787 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

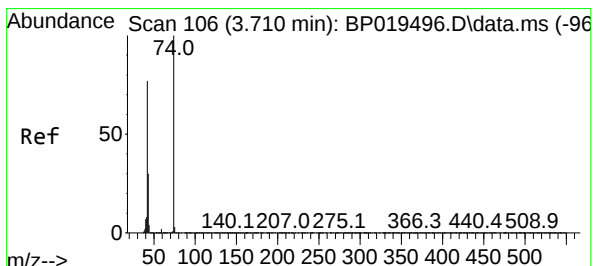
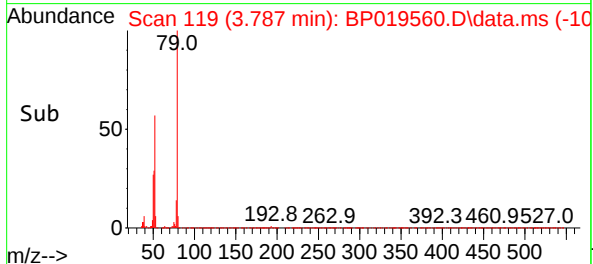
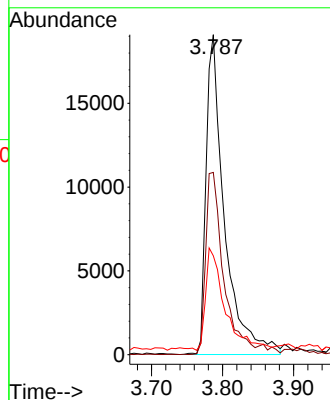
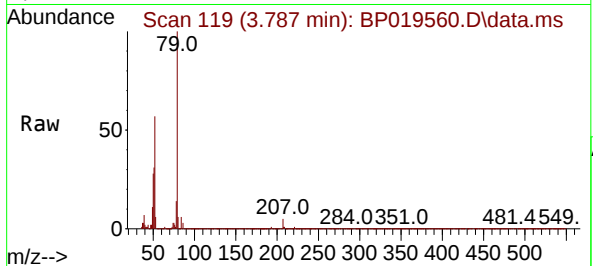
Tgt Ion: 79 Resp: 34230

Ion	Ratio	Lower	Upper
79	100		
52	57.0	45.0	67.6
51	30.9	26.8	40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#4

n-Nitrosodimethylamine

Concen: 7.029 ng

RT: 3.705 min Scan# 105

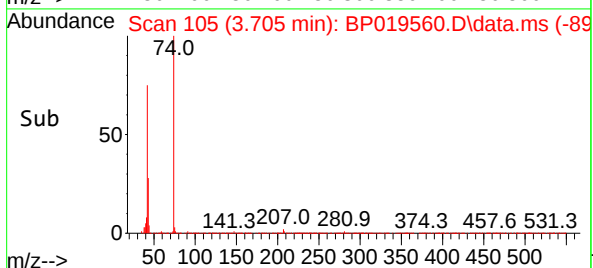
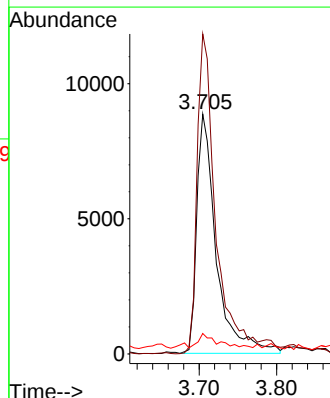
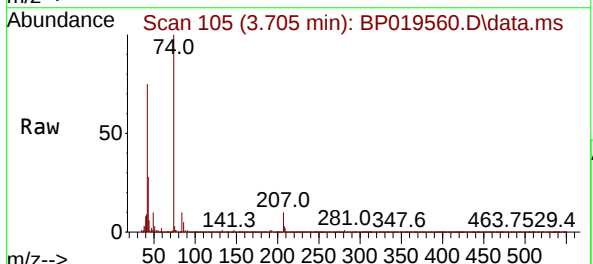
Delta R.T. -0.006 min

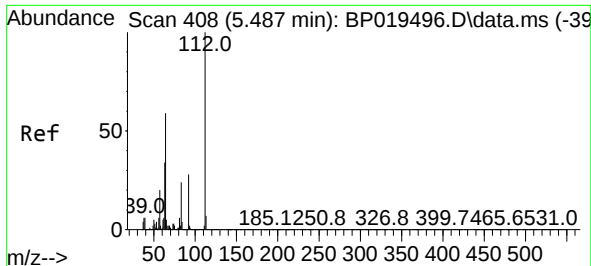
Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion: 42 Resp: 15465

Ion	Ratio	Lower	Upper
42	100		
74	133.5	103.4	155.2
44	8.5	4.8	7.2





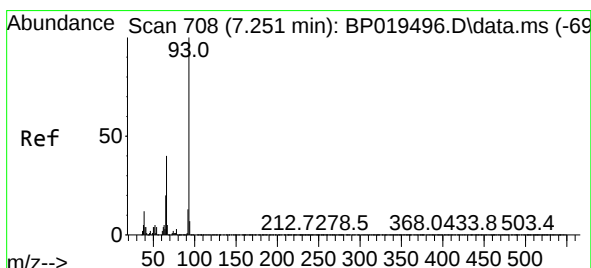
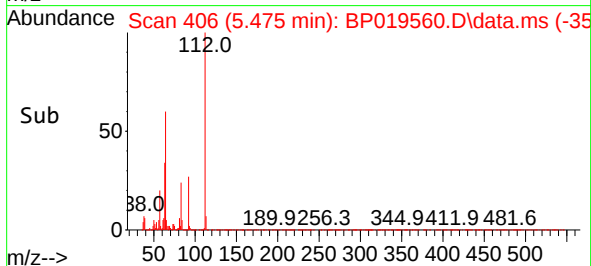
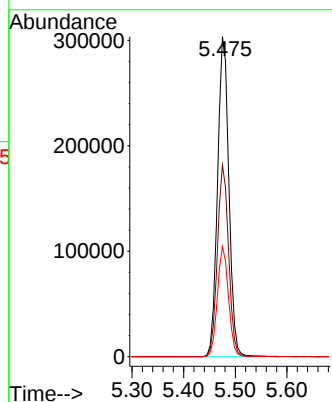
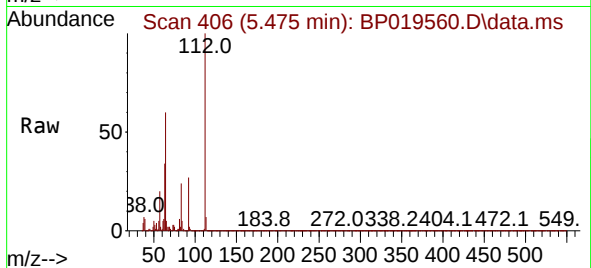
#5
2-Fluorophenol
Concen: 95.232 ng
RT: 5.475 min Scan# 408
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:112 Resp: 460732
Ion Ratio Lower Upper
112 100
64 59.9 47.4 71.0
63 34.5 27.0 40.6

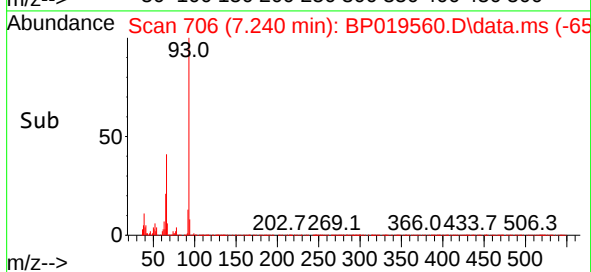
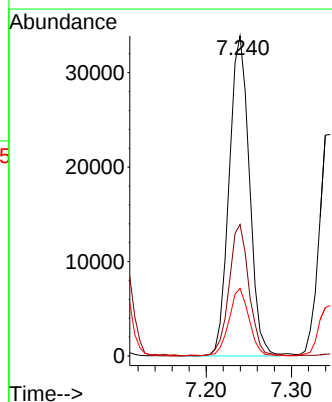
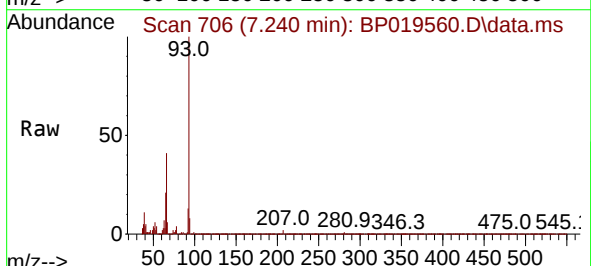
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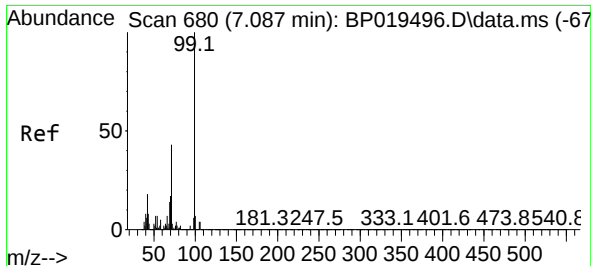
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#6
Aniline
Concen: 8.814 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

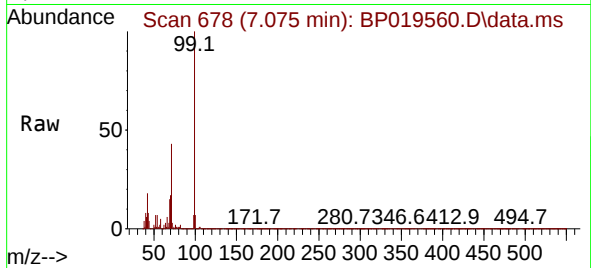
Tgt Ion: 93 Resp: 55868
Ion Ratio Lower Upper
93 100
66 41.1 32.3 48.5
65 21.1 16.4 24.6





#7
Phenol-d6
Concen: 98.726 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

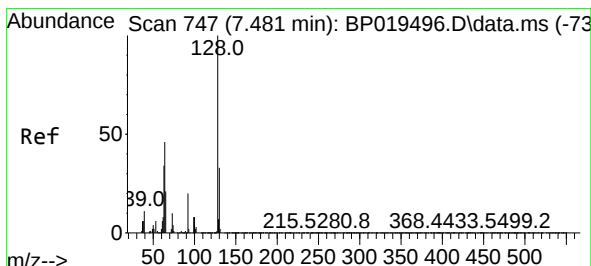
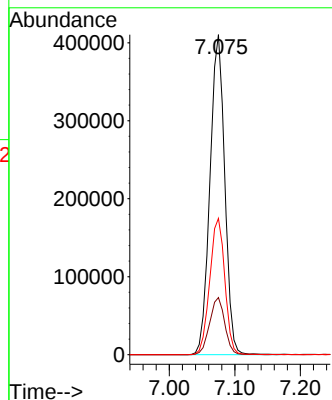
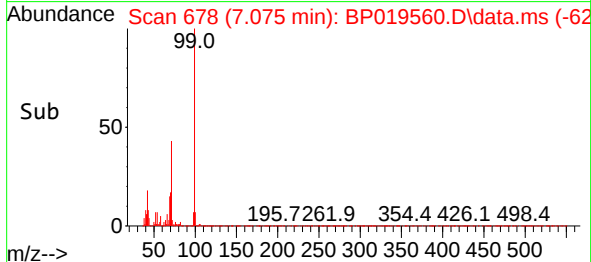
Instrument :
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Tgt Ion: 99 Resp: 644029
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 42.6 34.8 52.2

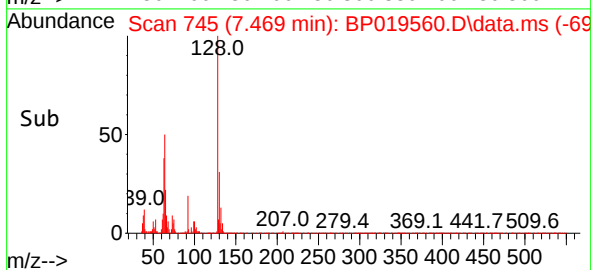
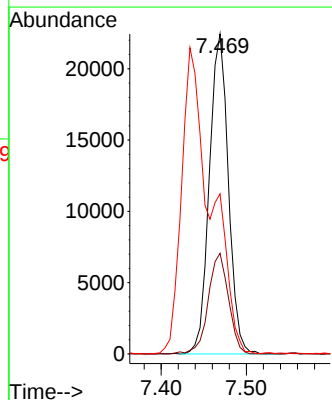
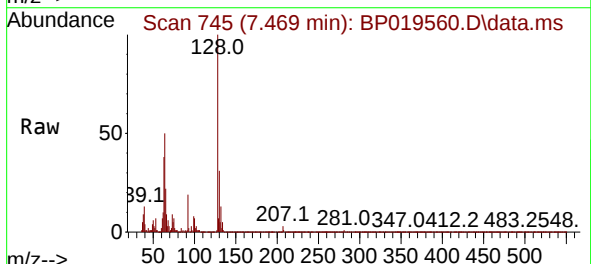
Manual Integrations
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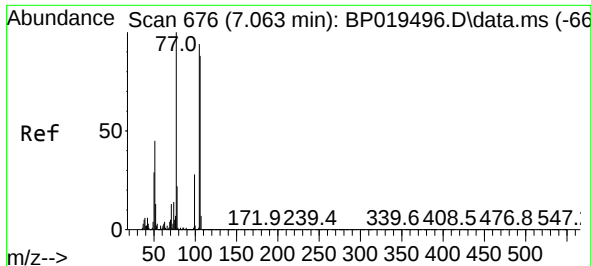
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#8
2-Chlorophenol
Concen: 7.002 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:128 Resp: 34778
Ion Ratio Lower Upper
128 100
130 31.5 13.3 53.3
64 50.1 29.7 69.7





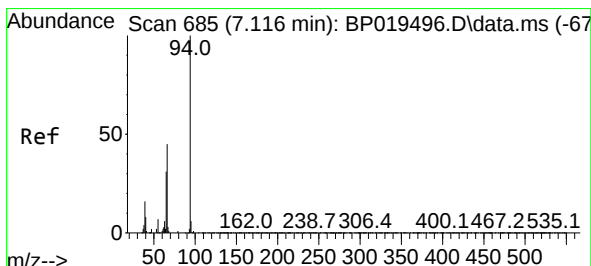
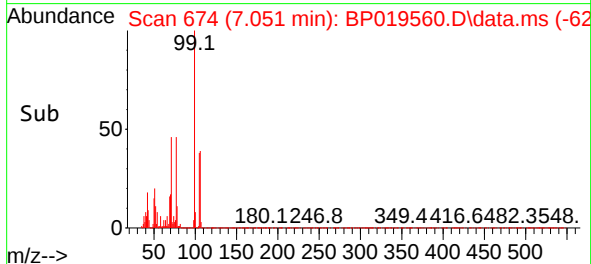
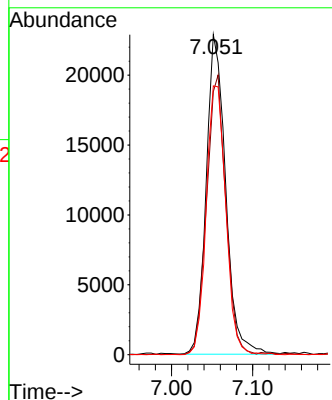
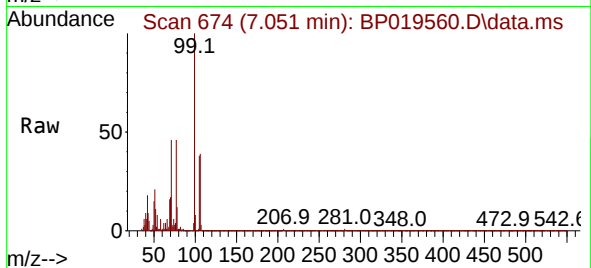
#9
Benzaldehyde
Concen: 8.300 ng
RT: 7.051 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 77 Resp: 37960
Ion Ratio Lower Upper
77 100
105 82.2 74.0 114.0
106 84.0 67.8 107.8

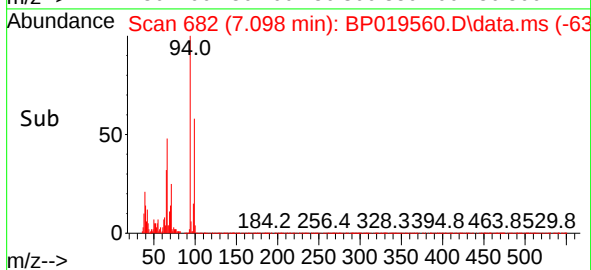
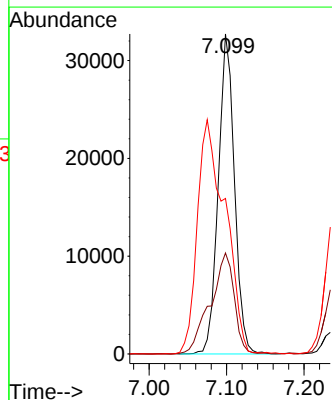
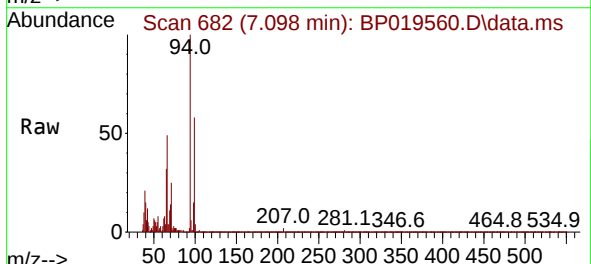
Manual Integrations
APPROVED

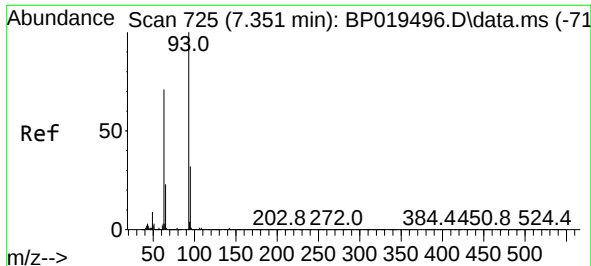
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#10
Phenol
Concen: 7.310 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.018 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

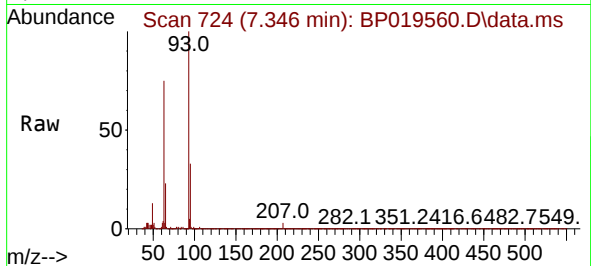
Tgt Ion: 94 Resp: 47530
Ion Ratio Lower Upper
94 100
65 31.5 11.3 51.3
66 48.6 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 7.239 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

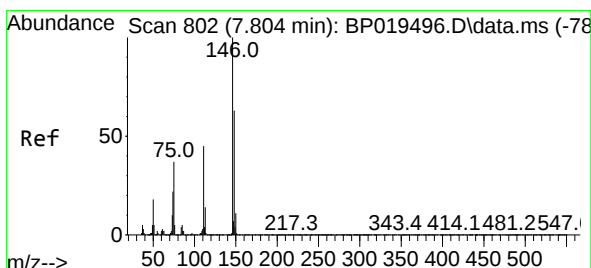
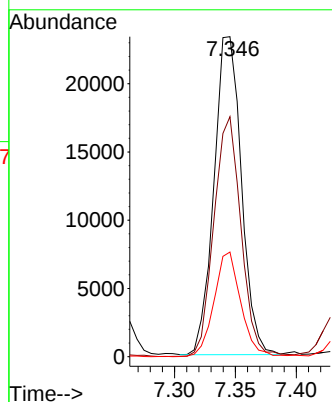
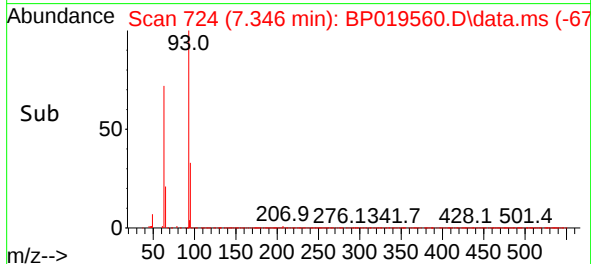
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



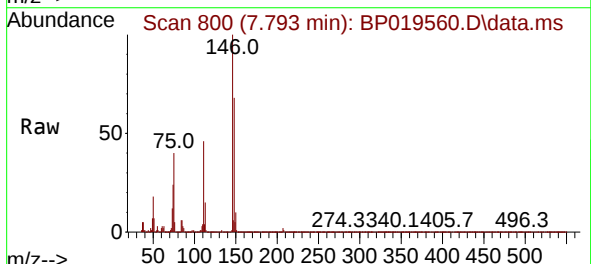
Tgt Ion: 93 Resp: 3661
Ion Ratio Lower Upper
93 100
63 75.0 51.2 91.2
95 32.7 11.8 51.8

Manual Integrations
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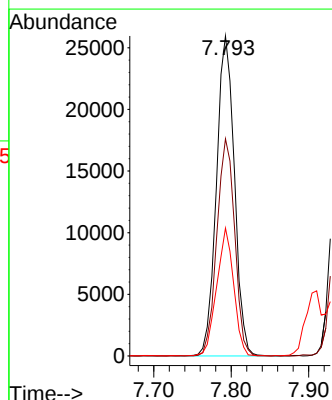
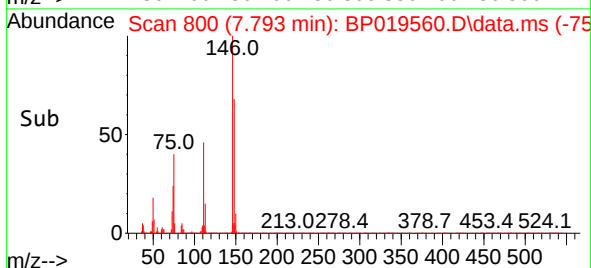
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

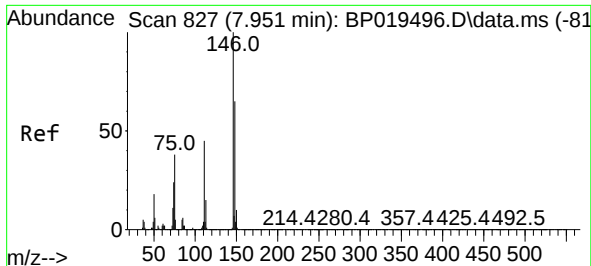


#12
1,3-Dichlorobenzene
Concen: 6.898 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29



Tgt Ion:146 Resp: 41927
Ion Ratio Lower Upper
146 100
148 67.8 50.4 75.6
75 39.9 29.9 44.9





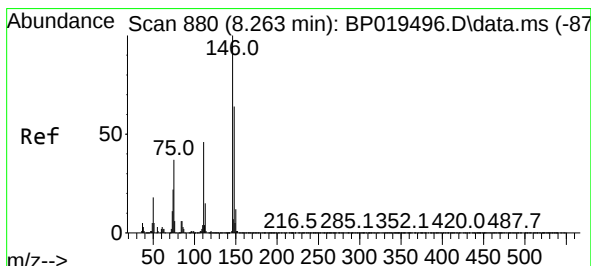
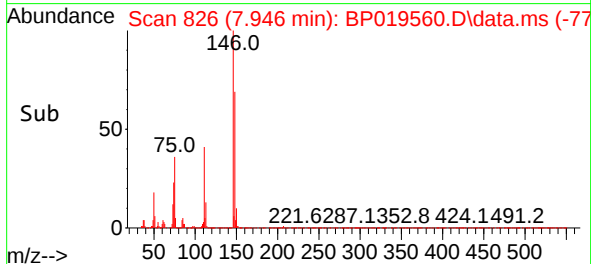
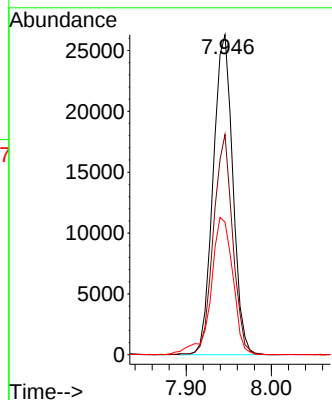
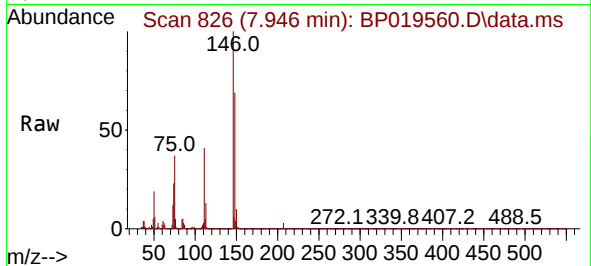
#13
1,4-Dichlorobenzene
Concen: 6.857 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:146 Resp: 42220
Ion Ratio Lower Upper
146 100
148 68.8 51.9 77.9
111 41.4 35.8 53.6

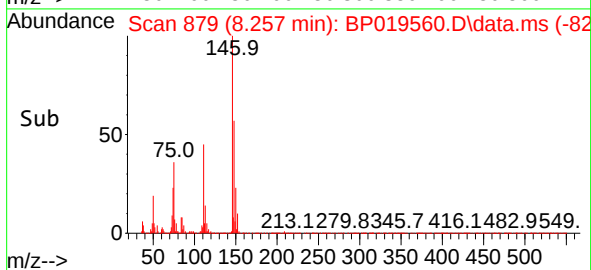
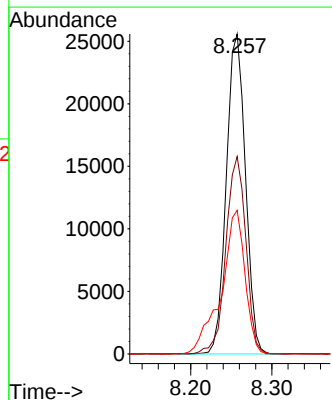
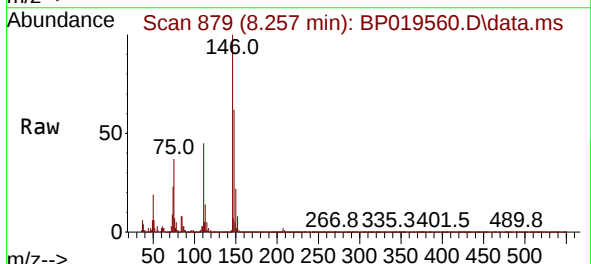
Manual Integrations
APPROVED

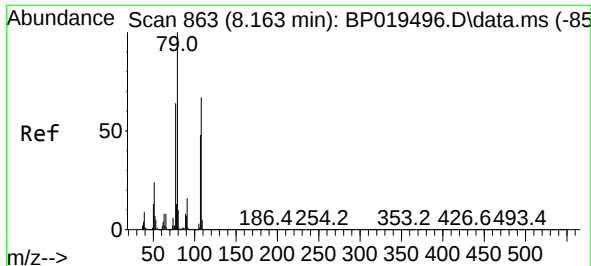
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#14
1,2-Dichlorobenzene
Concen: 7.024 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:146 Resp: 41849
Ion Ratio Lower Upper
146 100
148 61.7 51.4 77.0
111 44.9 37.0 55.6





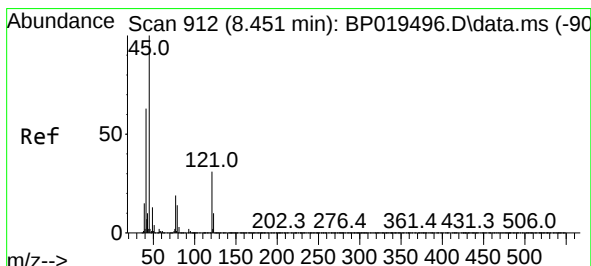
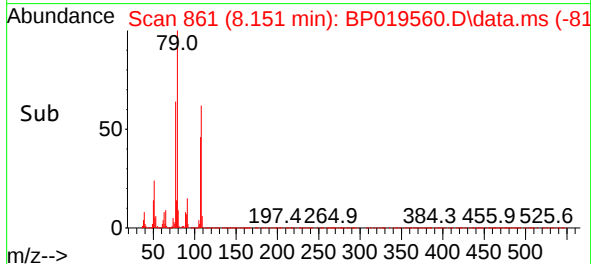
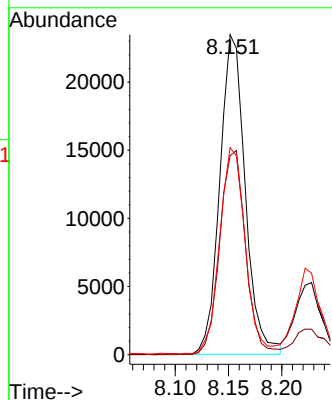
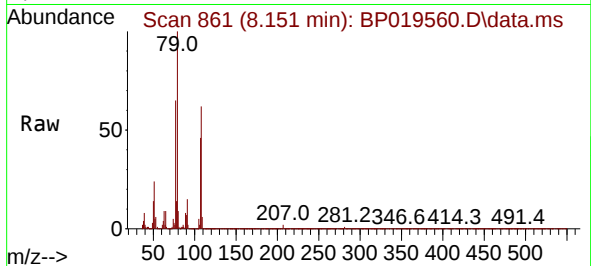
#15
Benzyl Alcohol
Concen: 7.451 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 79 Resp: 38834
Ion Ratio Lower Upper
79 100
108 62.2 53.8 80.6
77 64.7 51.3 76.9

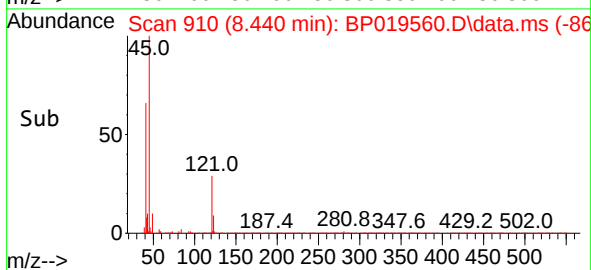
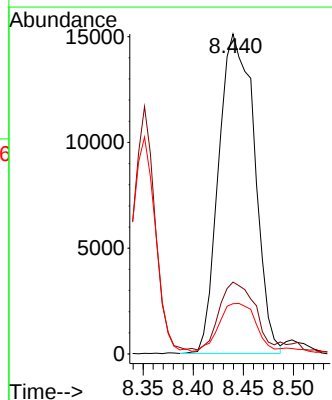
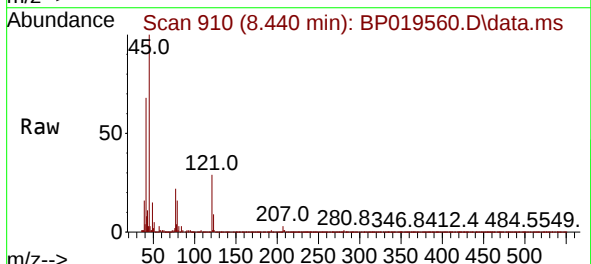
Manual Integrations
APPROVED

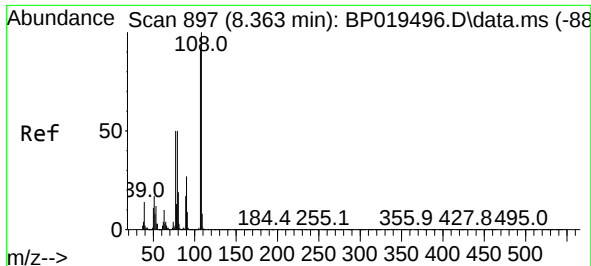
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.395 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion: 45 Resp: 37408
Ion Ratio Lower Upper
45 100
77 22.4 0.8 40.8
79 15.7 0.0 35.5





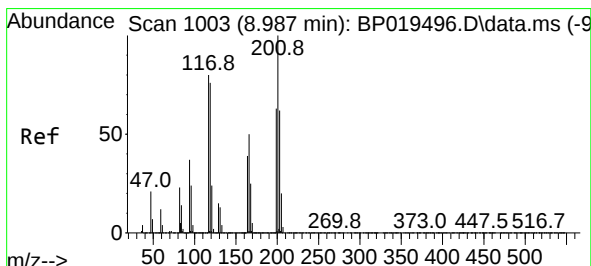
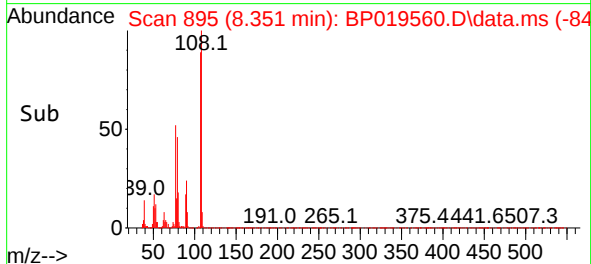
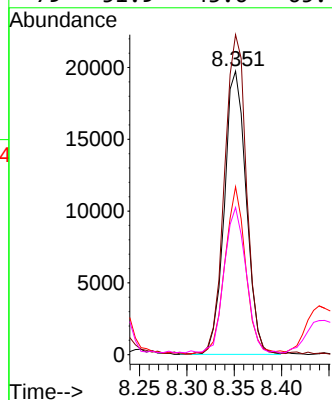
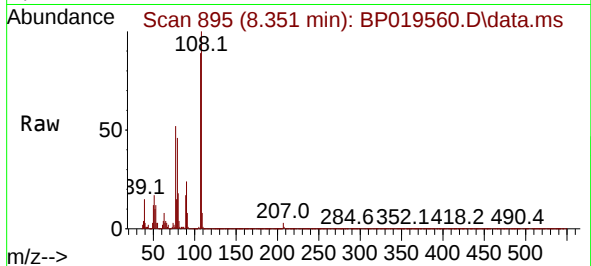
#17
2-Methylphenol
Concen: 7.252 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	107	Resp:	3174
Ion Ratio	Lower	Upper	
107	100		
108	112.8	87.0	130.6
77	59.2	43.5	65.3
79	51.9	43.6	65.4

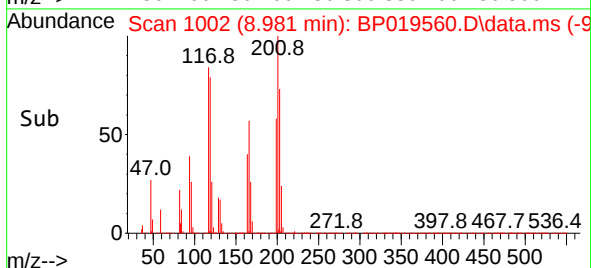
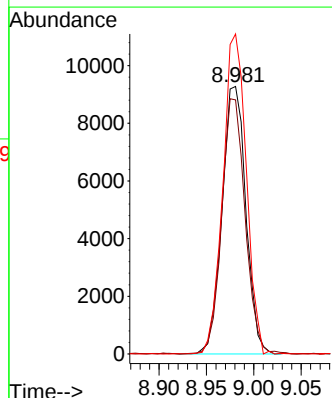
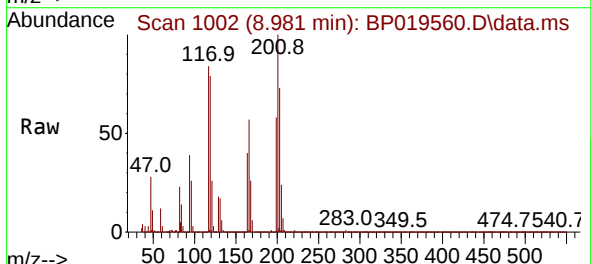
Manual Integrations
APPROVED

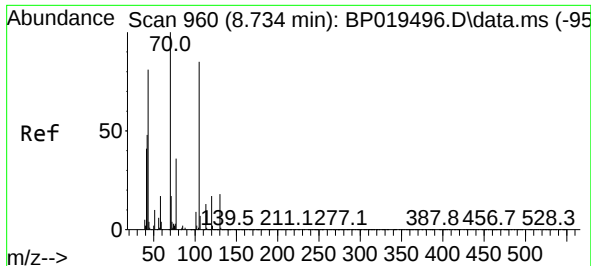
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#18
Hexachloroethane
Concen: 6.802 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:	117	Resp:	16234
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.5	113.3
201	119.6	99.4	149.2





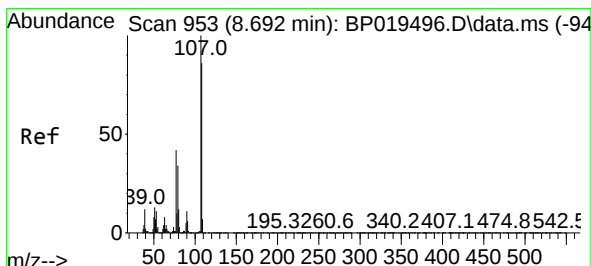
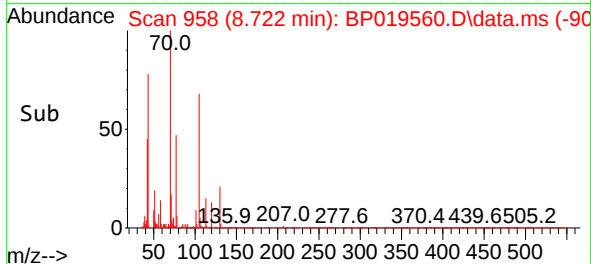
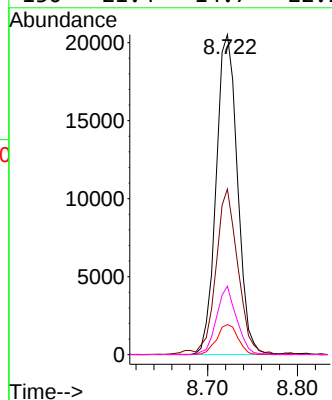
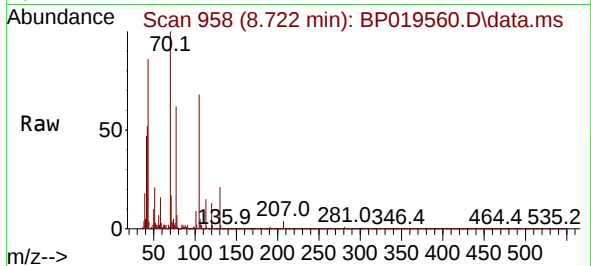
#19
n-Nitroso-di-n-propylamine
Concen: 7.591 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 70	Resp: 33820
Ion Ratio	Lower Upper
70 100	
42 51.8	39.2 58.8
101 9.4	7.3 10.9
130 21.4	14.7 22.1

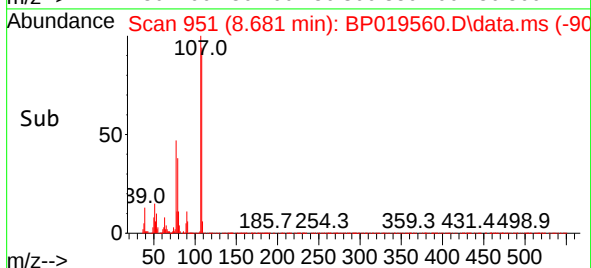
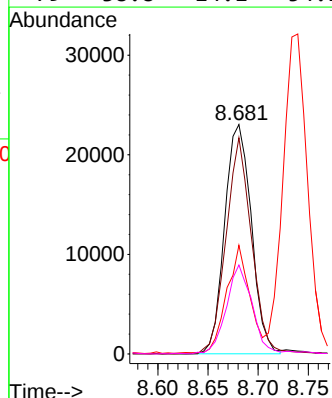
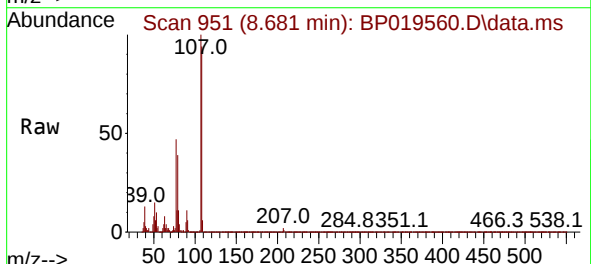
Manual Integrations
APPROVED

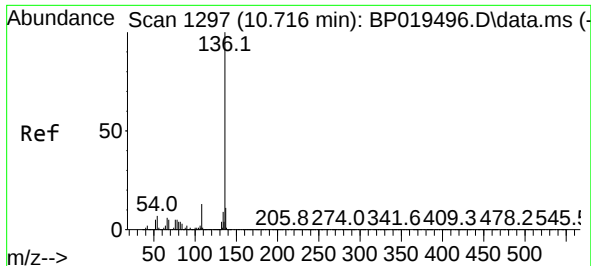
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#20
3+4-Methylphenols
Concen: 7.135 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

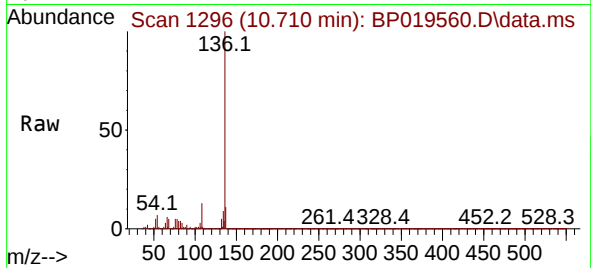
Tgt	Ion:107	Resp:	42622
Ion	Ratio	Lower	Upper
107	100		
108	94.2	65.5	105.5
77	47.3	21.8	61.8
79	38.8	14.1	54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

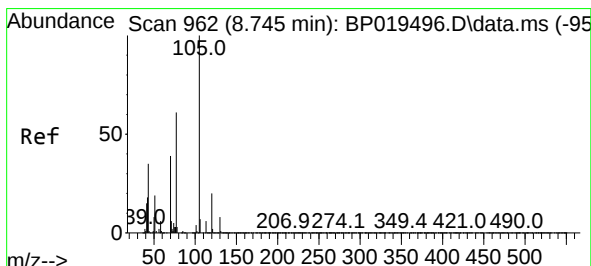
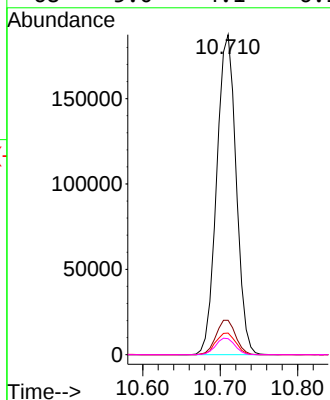
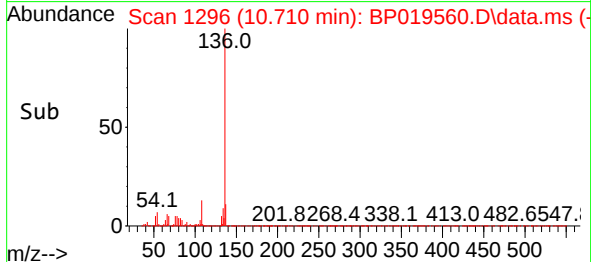
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:	136	Resp:	32644
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.7	5.3	7.9
68	5.0	4.1	6.1

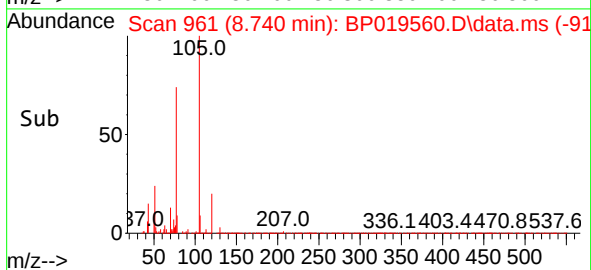
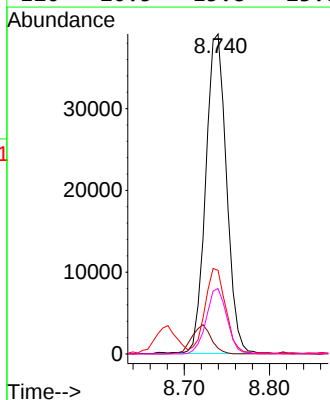
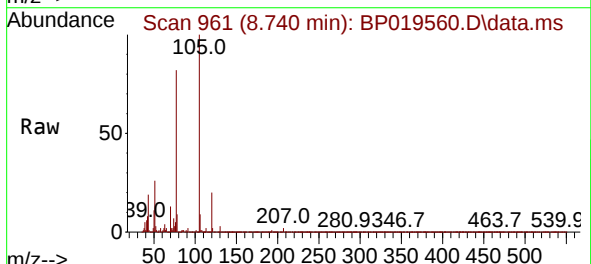
Manual Integrations
APPROVED

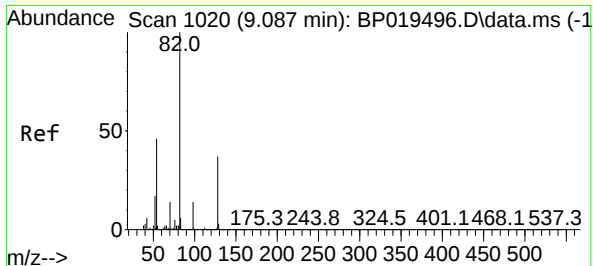
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#22
Acetophenone
Concen: 7.085 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:	105	Resp:	65885
Ion Ratio	Lower	Upper	
105	100		
71	1.8	4.9	7.3
51	26.2	20.7	31.1
120	20.5	15.8	23.8





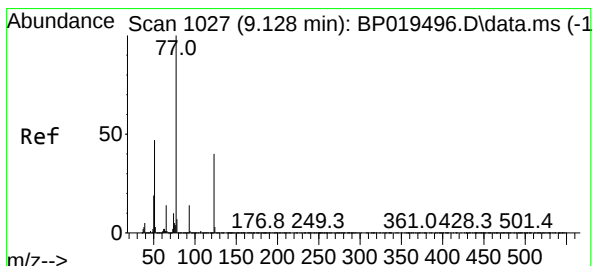
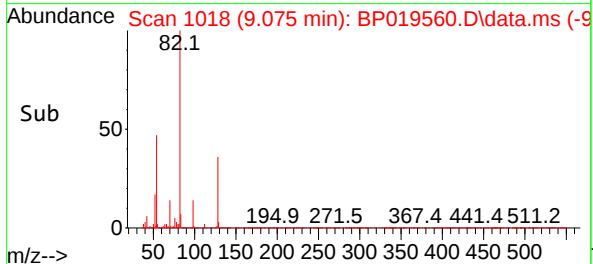
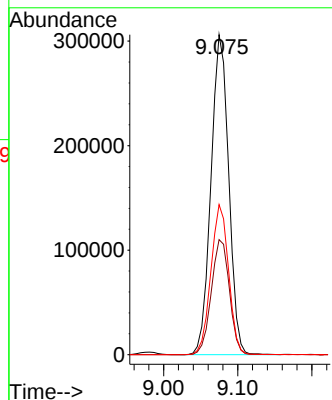
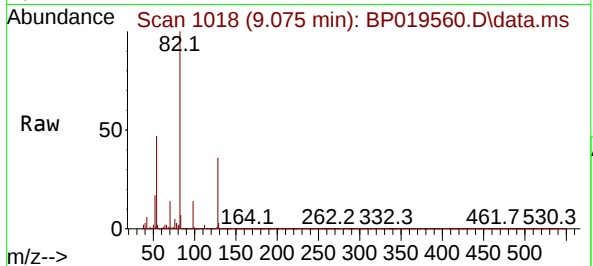
#23
Nitrobenzene-d5
Concen: 67.502 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 82 Resp: 508534
Ion Ratio Lower Upper
82 100
128 36.0 29.7 44.5
54 46.9 36.8 55.2

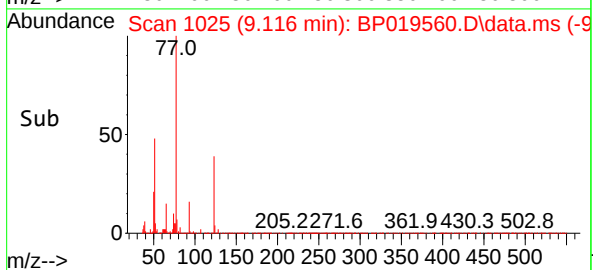
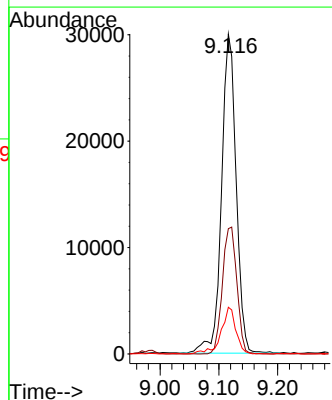
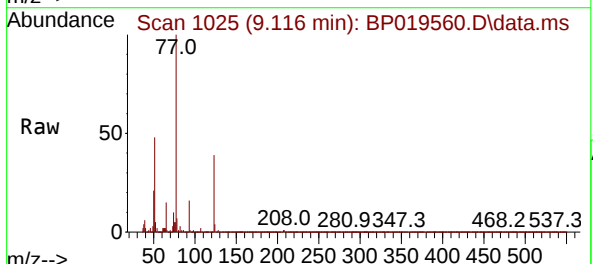
Manual Integrations
APPROVED

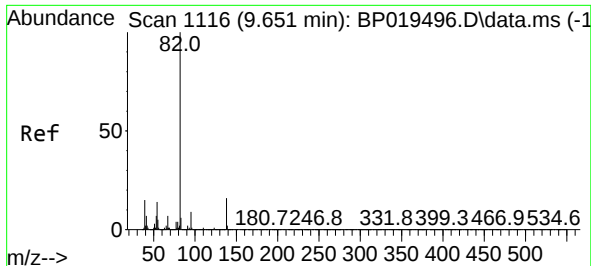
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#24
Nitrobenzene
Concen: 6.831 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion: 77 Resp: 51814
Ion Ratio Lower Upper
77 100
123 39.2 32.3 48.5
65 14.6 11.6 17.4





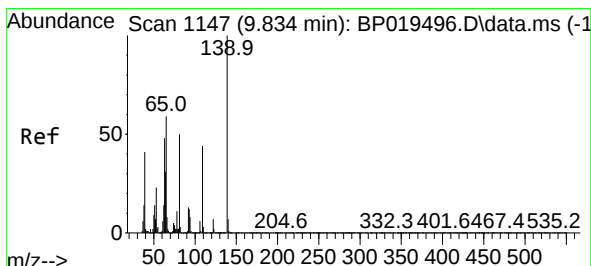
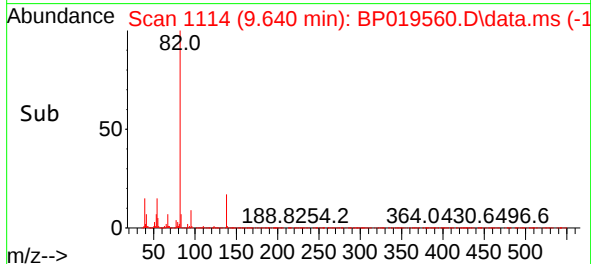
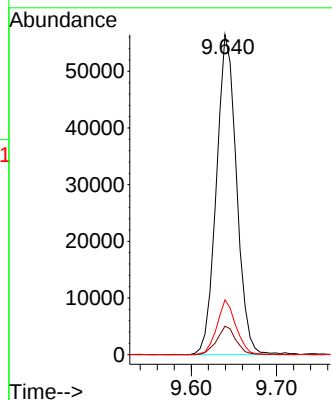
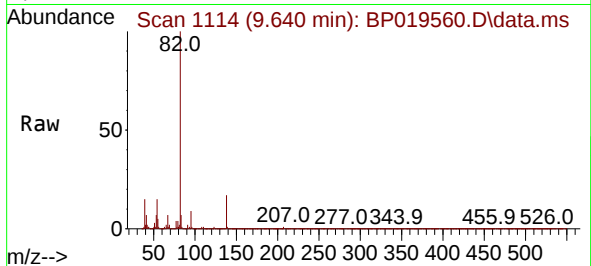
#25
Isophorone
Concen: 7.049 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 82 Resp: 92489
Ion Ratio Lower Upper
82 100
95 8.9 7.0 10.4
138 17.1 13.1 19.7

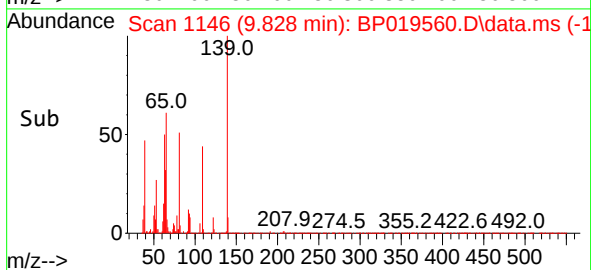
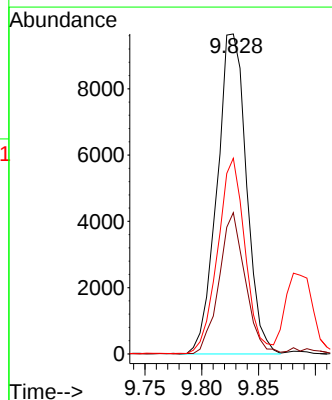
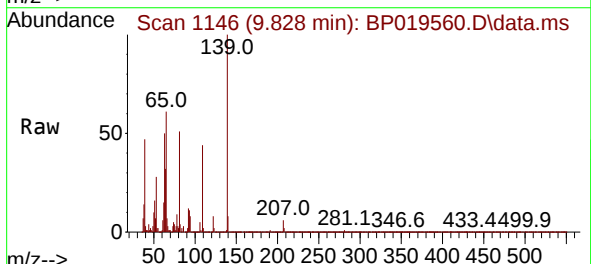
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#26
2-Nitrophenol
Concen: 6.004 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

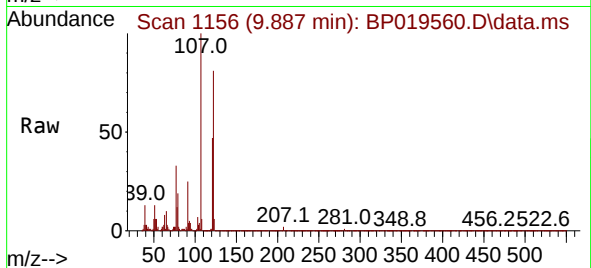
Tgt Ion:139 Resp: 17365
Ion Ratio Lower Upper
139 100
109 44.1 34.9 52.3
65 61.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 8.146 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

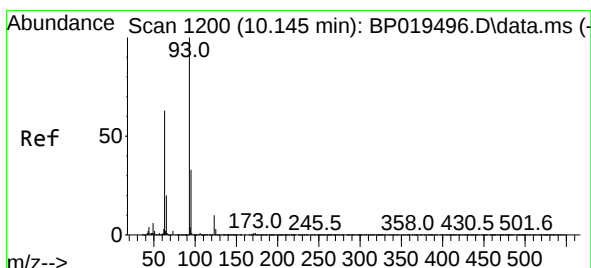
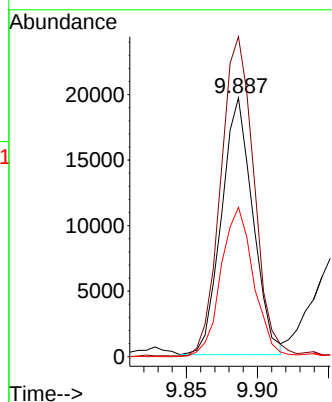
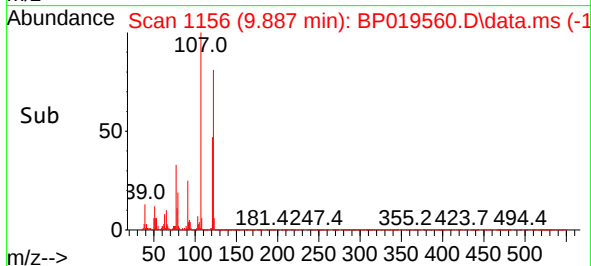
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:122 Resp: 3012
Ion Ratio Lower Upper
122 100
107 123.6 105.9 158.9
121 57.7 47.5 71.3

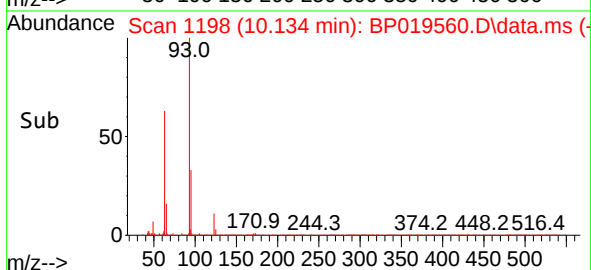
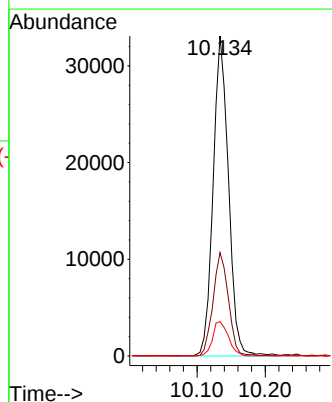
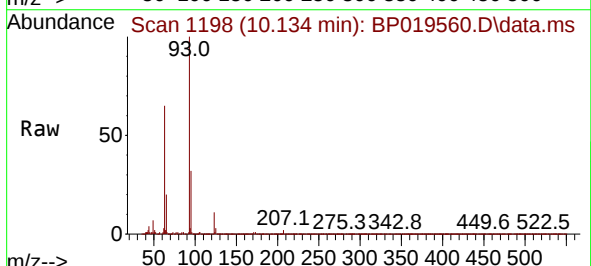
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 6.984 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion: 93 Resp: 51847
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 10.7 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 6.587 ng

RT: 10.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

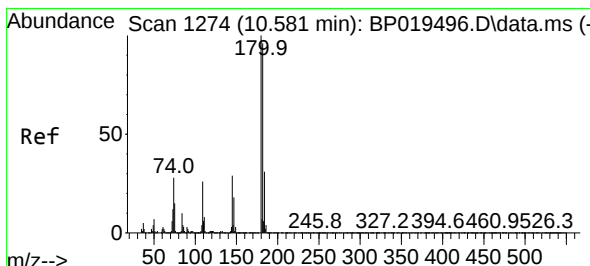
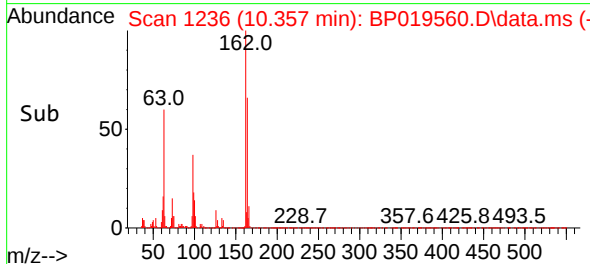
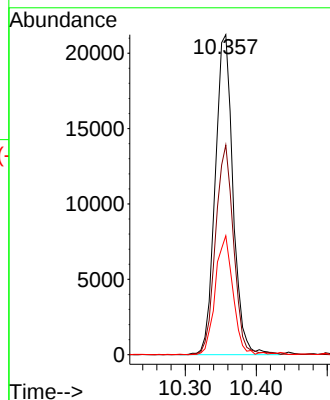
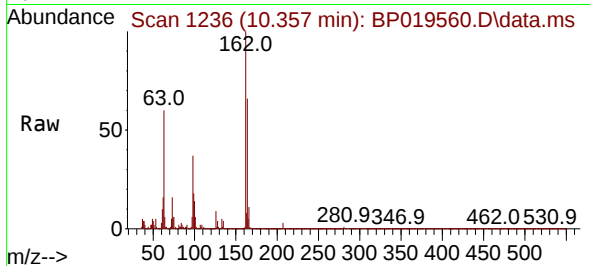
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	162	Resp:	36824
Ion Ratio	Lower	Upper	
162	100		
164	65.5	46.0	86.0
98	37.2	18.7	58.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 6.719 ng

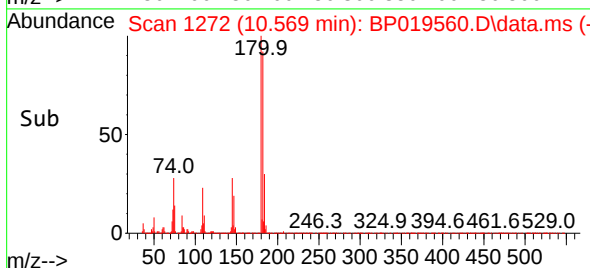
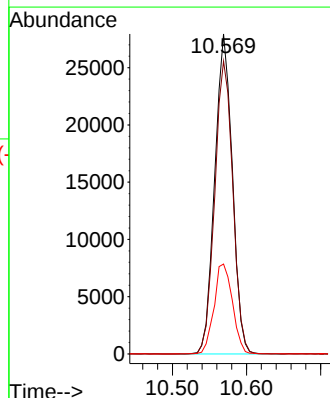
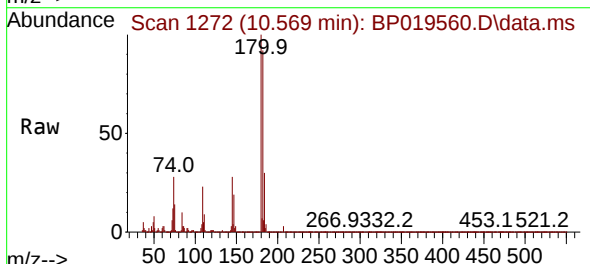
RT: 10.569 min Scan# 1272

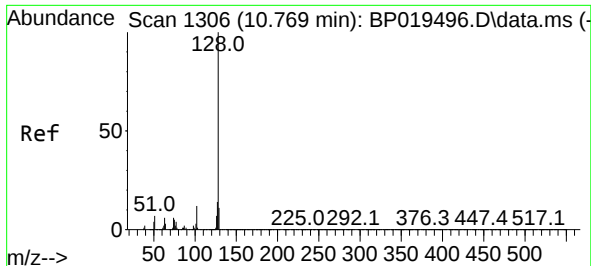
Delta R.T. -0.012 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:	180	Resp:	46057
Ion Ratio	Lower	Upper	
180	100		
182	91.5	77.0	115.6
145	28.1	23.2	34.8





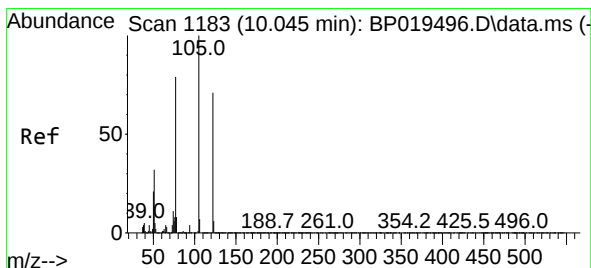
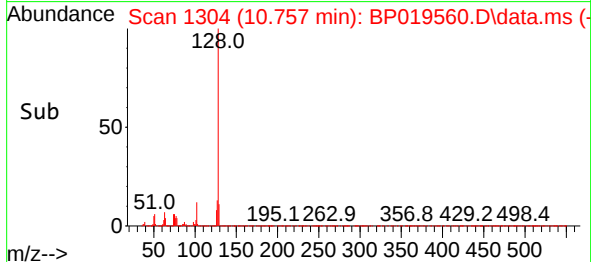
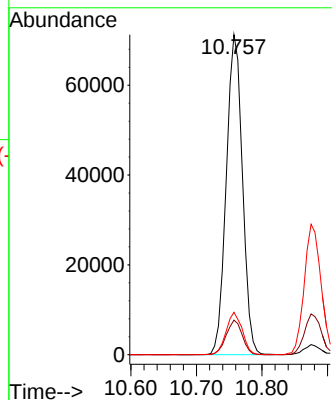
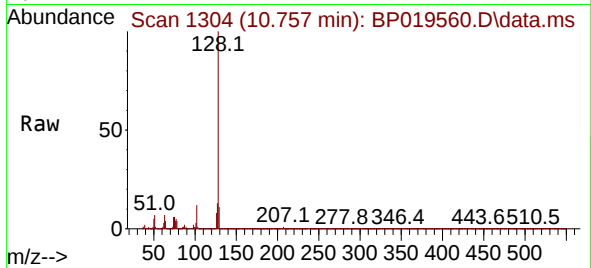
#31
Naphthalene
Concen: 6.792 ng
RT: 10.757 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:128 Resp: 121590
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.8 16.2

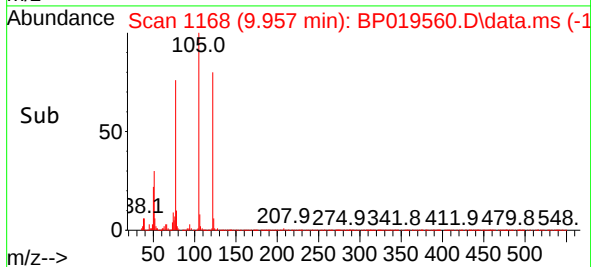
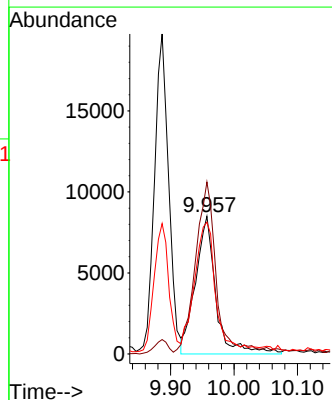
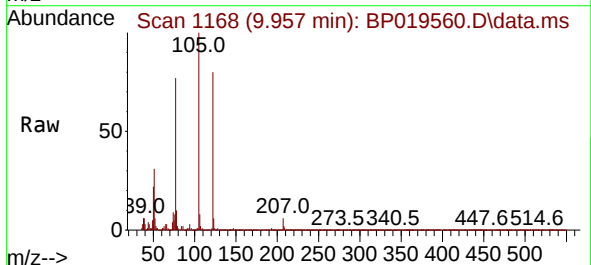
Manual Integrations
APPROVED

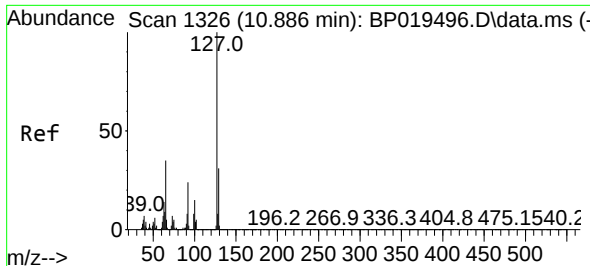
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#32
Benzoic acid
Concen: 5.261 ng m
RT: 9.957 min Scan# 1168
Delta R.T. -0.088 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:122 Resp: 18957
Ion Ratio Lower Upper
122 100
105 125.1 118.8 158.8
77 95.8 91.7 131.7





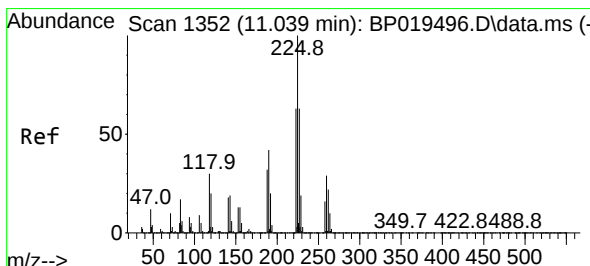
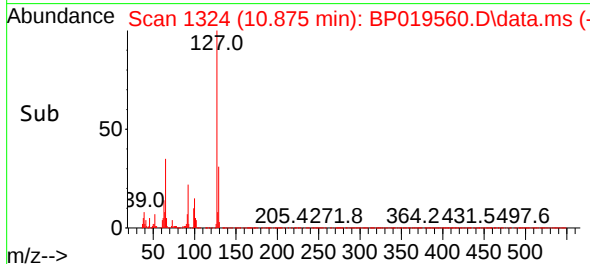
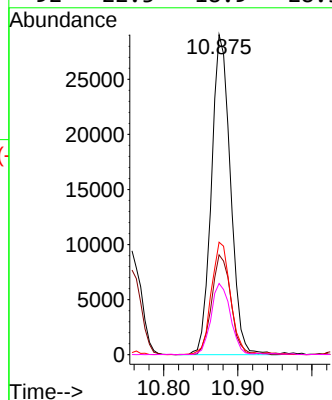
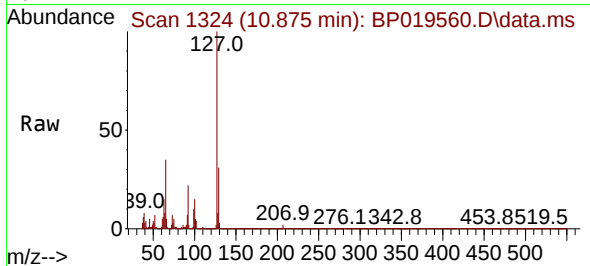
#33
4-Chloroaniline
Concen: 7.815 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.6	36.8
65	35.1	28.2	42.4
92	22.3	18.9	28.3

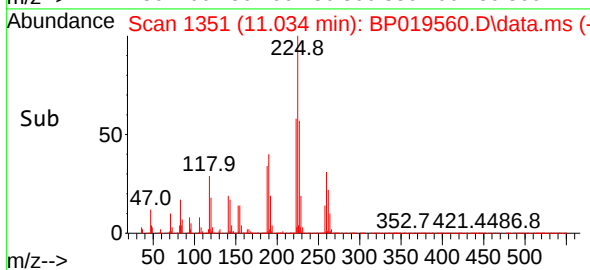
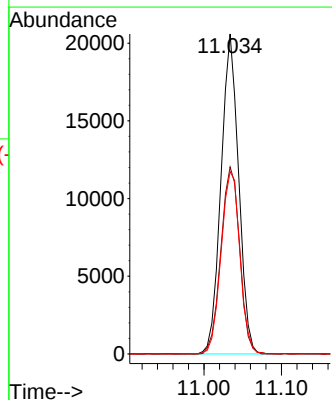
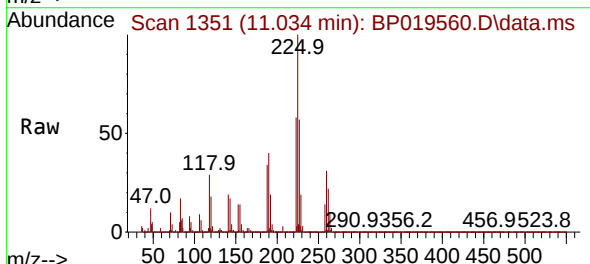
Manual Integrations
APPROVED

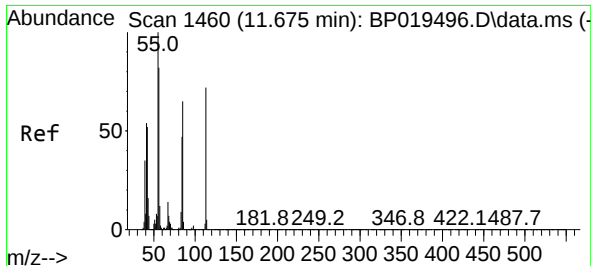
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#34
Hexachlorobutadiene
Concen: 6.409 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

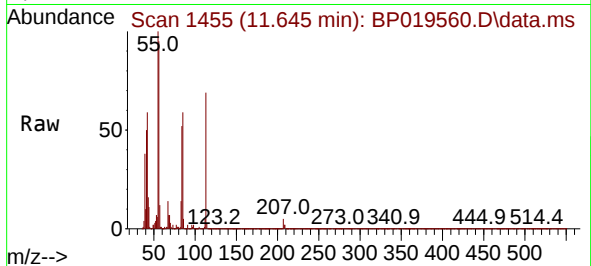
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.5	50.5	75.7
227	57.0	50.2	75.2





#35
Caprolactam
Concen: 7.585 ng
RT: 11.645 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

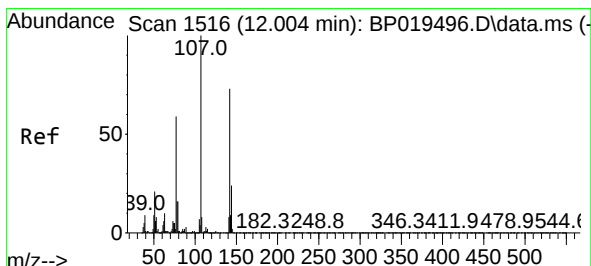
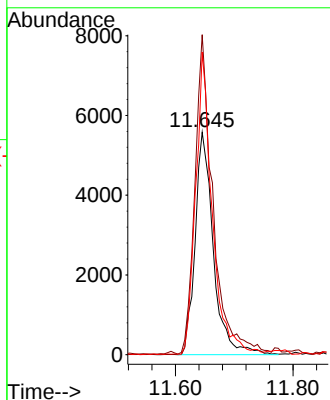
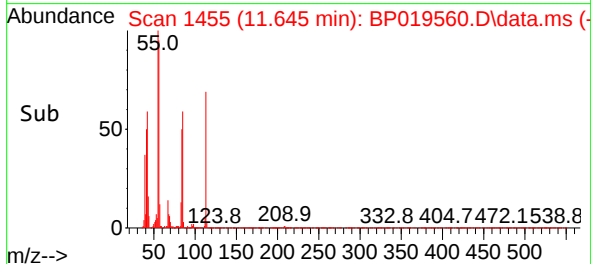
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



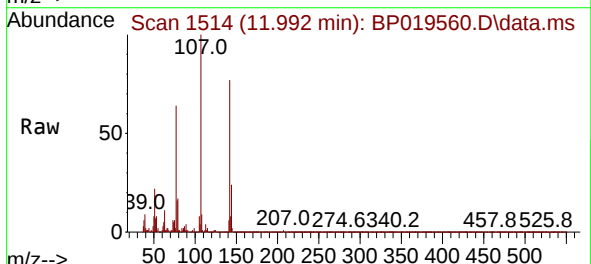
Tgt Ion:113 Resp: 12004
Ion Ratio Lower Upper
113 100
55 143.9 120.0 160.0
56 136.1 94.0 134.0

Manual Integrations
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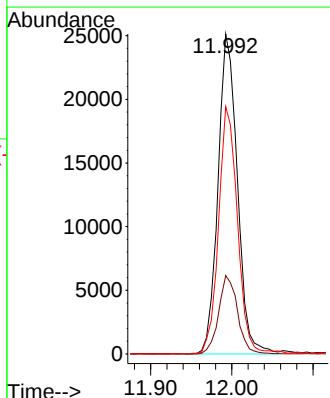
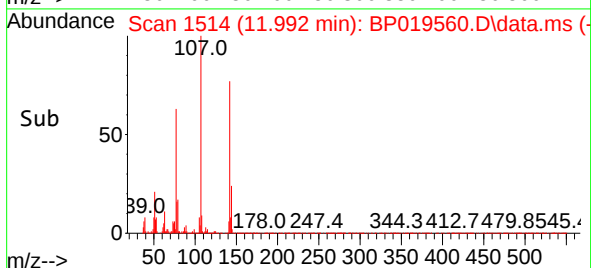
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

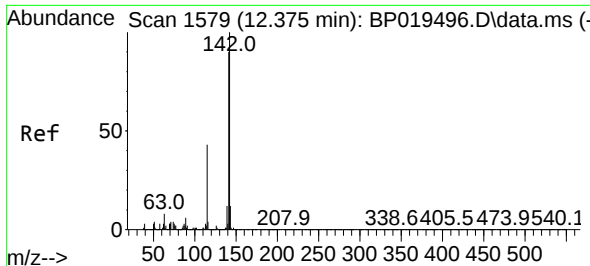


#36
4-Chloro-3-methylphenol
Concen: 6.851 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29



Tgt Ion:107 Resp: 41760
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.4
142 77.3 58.6 88.0





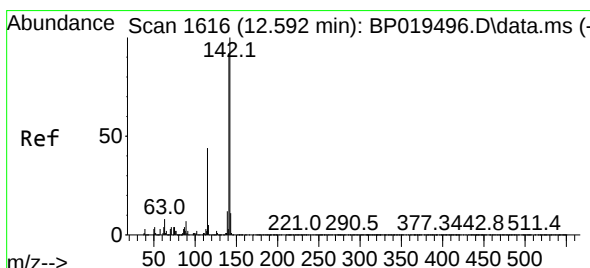
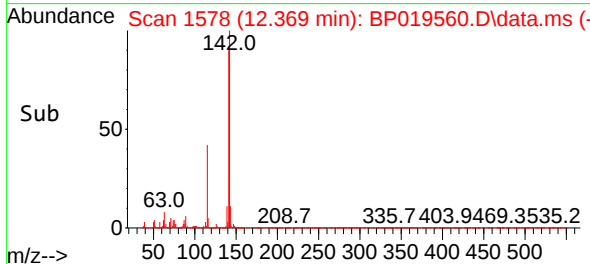
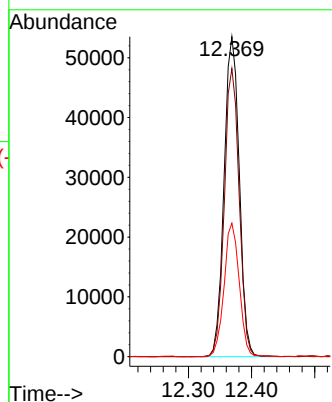
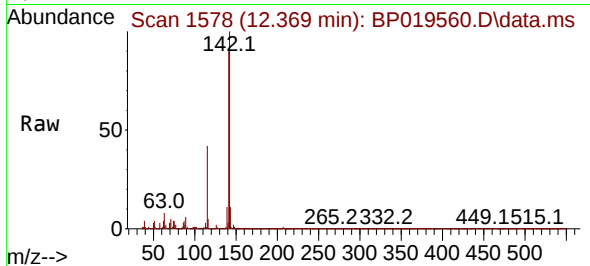
#37
2-Methylnaphthalene
Concen: 7.191 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:142 Resp: 8910
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.4
115 41.7 34.2 51.2

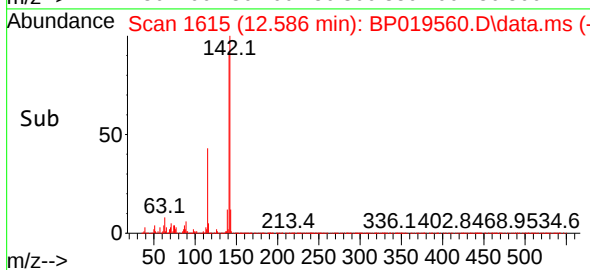
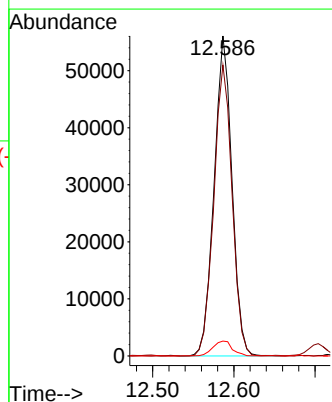
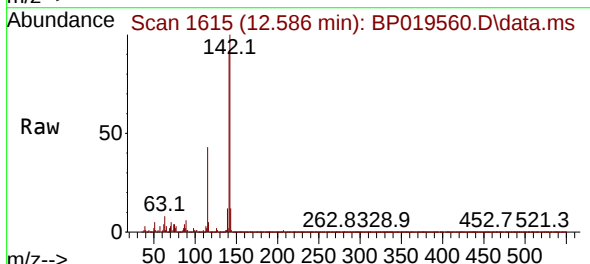
Manual Integrations
APPROVED

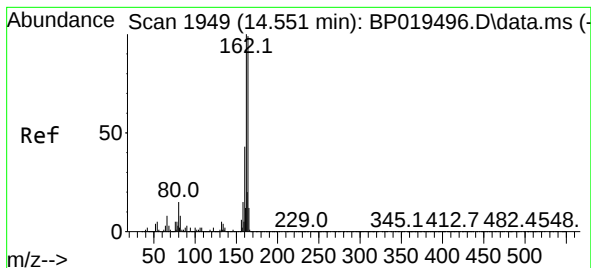
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#38
1-Methylnaphthalene
Concen: 7.041 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:142 Resp: 85733
Ion Ratio Lower Upper
142 100
141 90.9 74.0 111.0
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.006 min

Lab File: BP019560.D

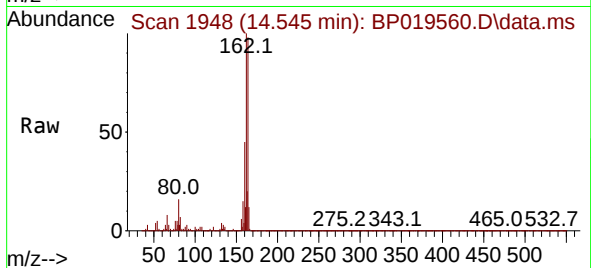
Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:164 Resp: 23384

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

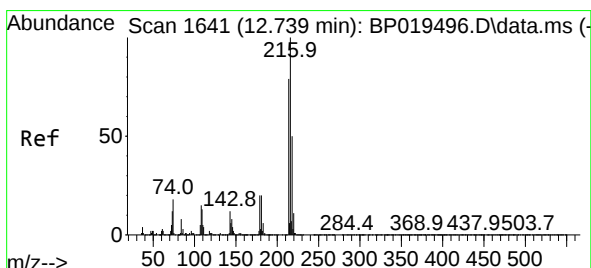
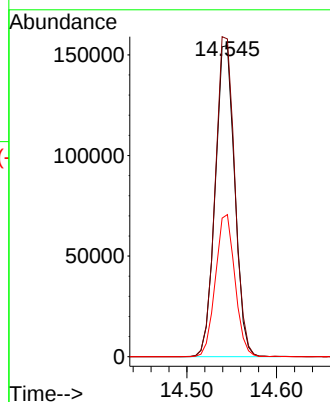
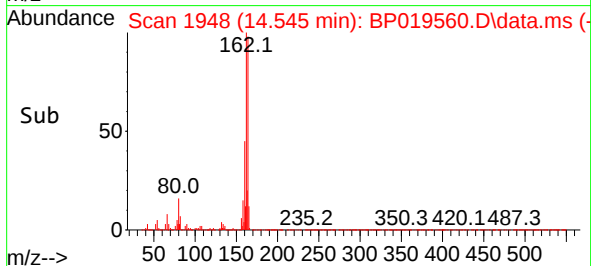
160 45.7 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.512 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:216 Resp: 58725

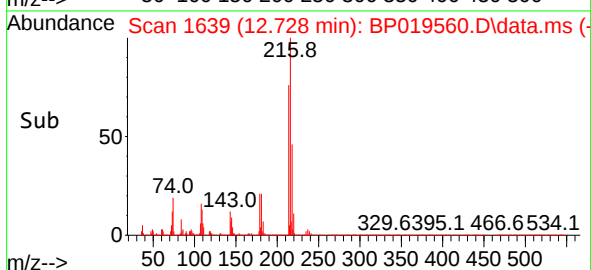
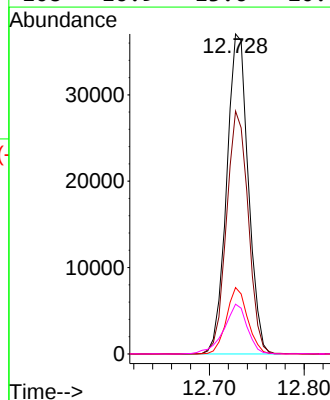
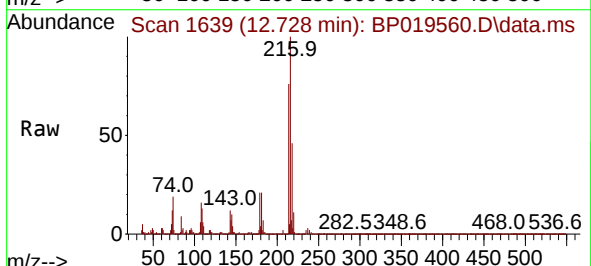
Ion Ratio Lower Upper

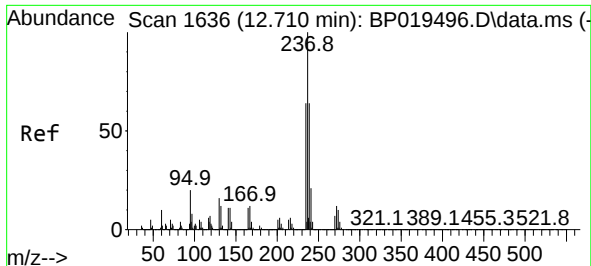
216 100

214 76.4 62.8 94.2

179 20.3 16.6 24.8

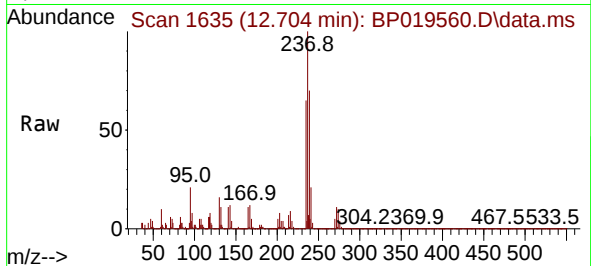
108 16.9 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 7.203 ng
RT: 12.704 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

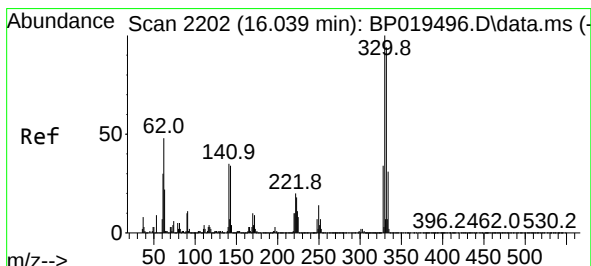
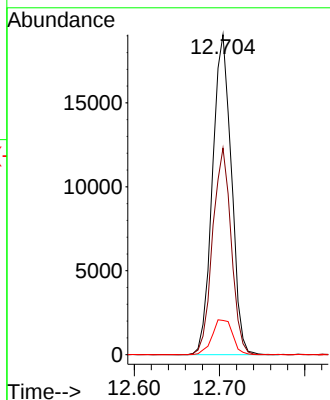
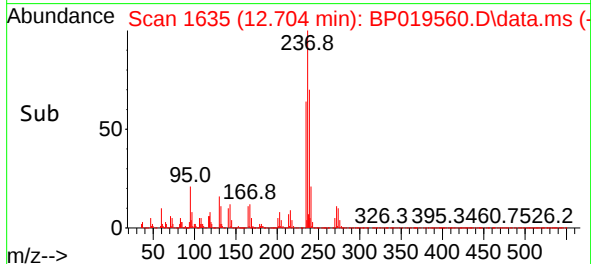
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 237 Resp: 2934
Ion Ratio Lower Upper
237 100
235 64.5 43.7 83.7
272 10.7 0.0 32.4

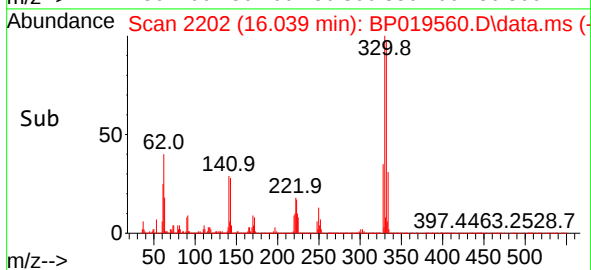
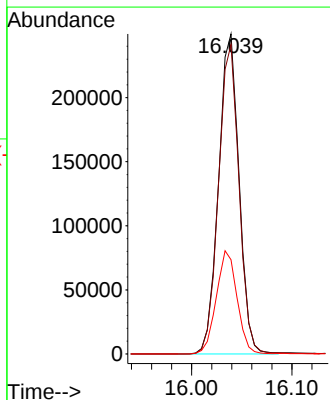
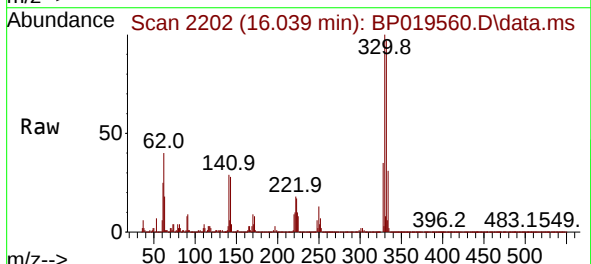
Manual Integrations
APPROVED

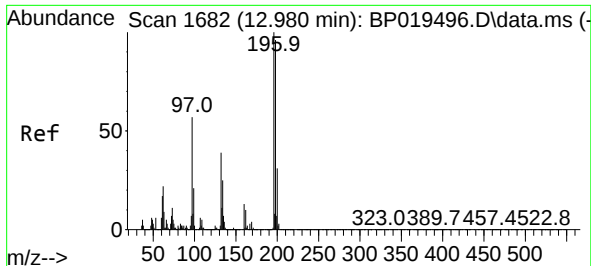
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#42
2,4,6-Tribromophenol
Concen: 103.339 ng
RT: 16.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

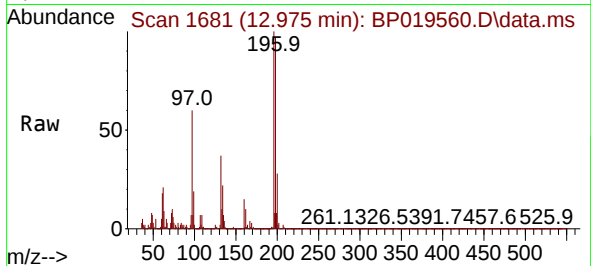
Tgt Ion: 330 Resp: 352828
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 32.7 27.0 40.4





#43
2,4,6-Trichlorophenol
Concen: 5.938 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

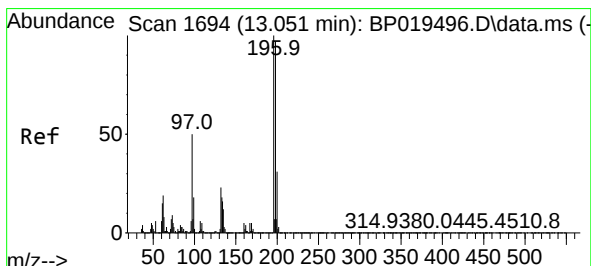
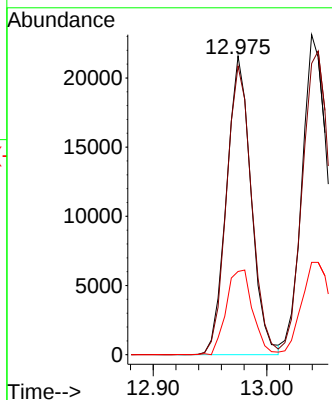
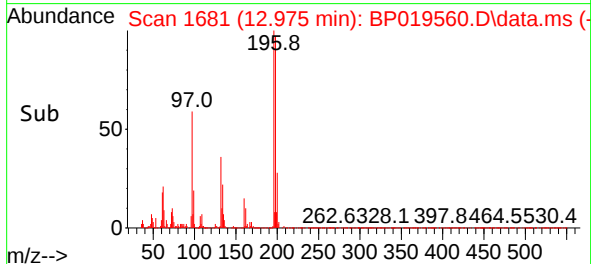
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



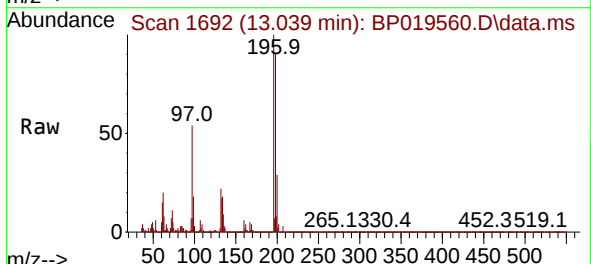
Tgt Ion:196 Resp: 3242
Ion Ratio Lower Upper
196 100
198 96.7 76.7 115.1
200 27.9 24.6 36.8

Manual Integrations
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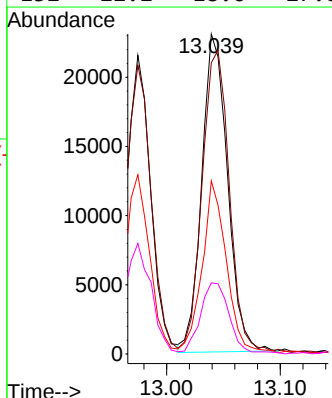
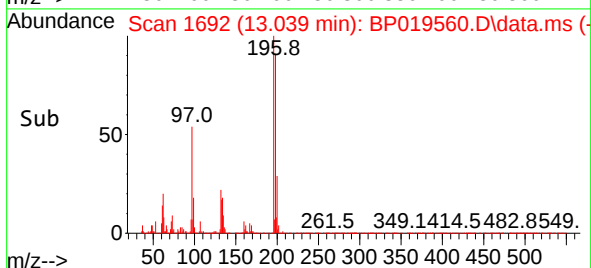
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

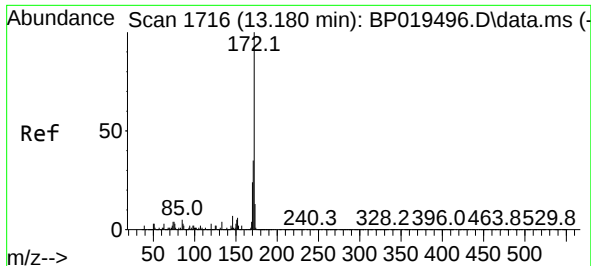


#44
2,4,5-Trichlorophenol
Concen: 6.051 ng
RT: 13.039 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29



Tgt Ion:196 Resp: 36283
Ion Ratio Lower Upper
196 100
198 91.0 77.5 116.3
97 54.1 39.9 59.9
132 22.2 18.6 27.8





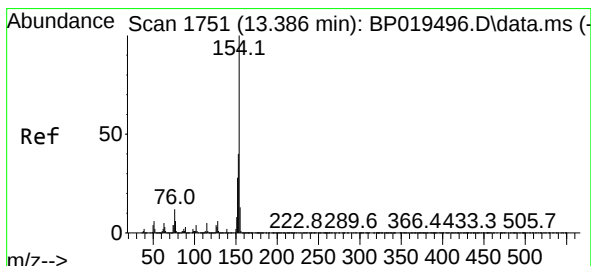
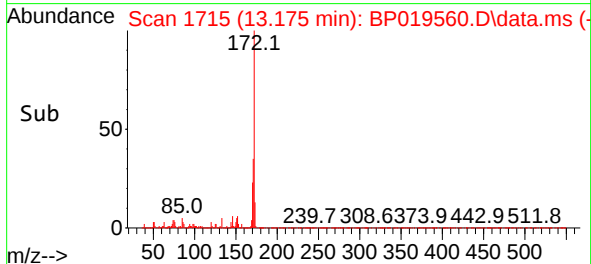
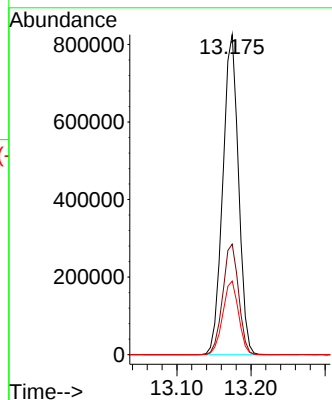
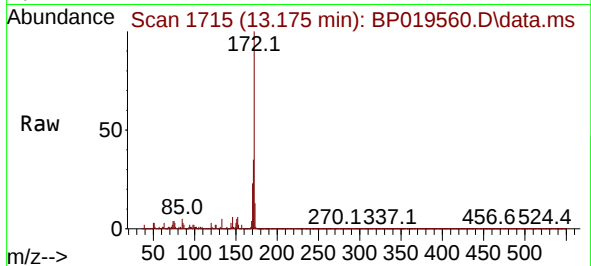
#45
2-Fluorobiphenyl
Concen: 64.134 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:172 Resp: 121314
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 23.0 18.9 28.3

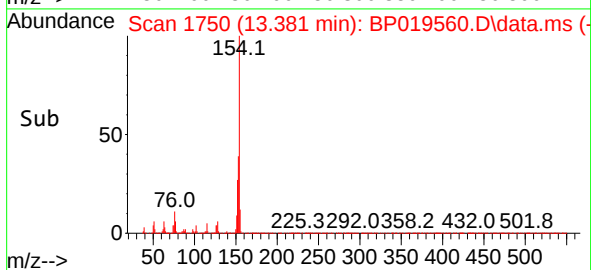
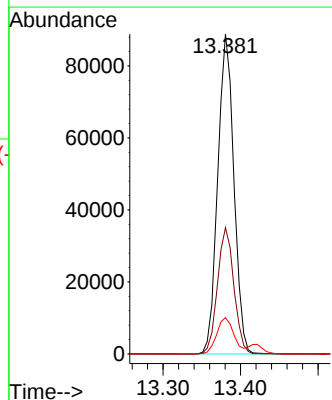
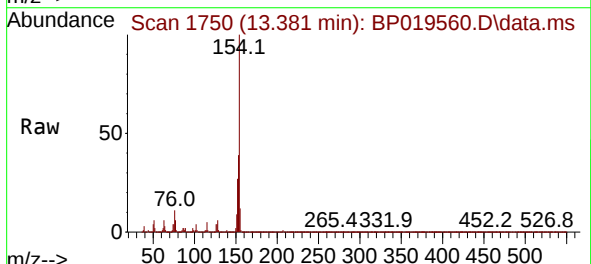
Manual Integrations
APPROVED

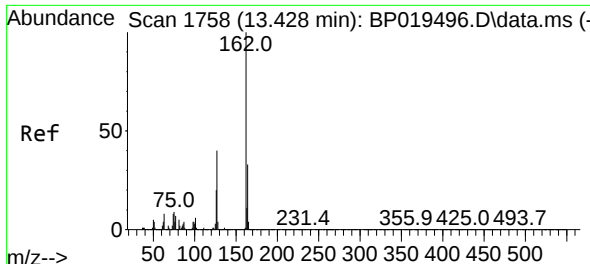
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#46
1,1'-Biphenyl
Concen: 6.884 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:154 Resp: 128480
Ion Ratio Lower Upper
154 100
153 39.5 20.2 60.2
76 11.4 0.0 31.6





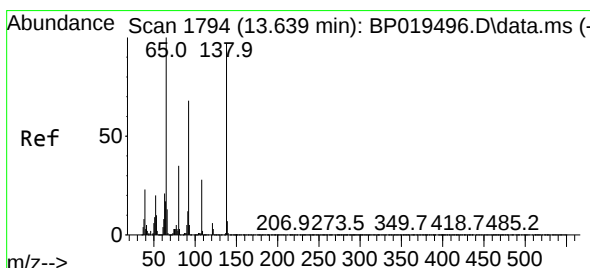
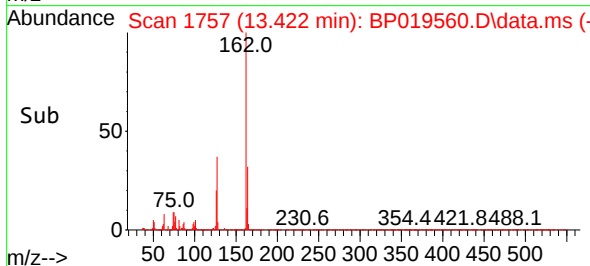
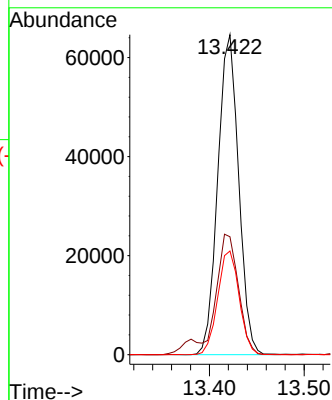
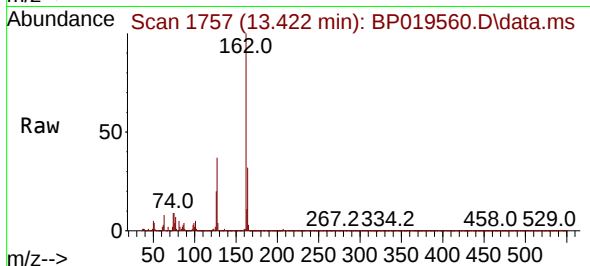
#47
2-Chloronaphthalene
Concen: 6.463 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	162	Resp:	9901
Ion Ratio	Lower	Upper	
162	100		
127	36.9	32.1	48.1
164	32.4	26.7	40.1

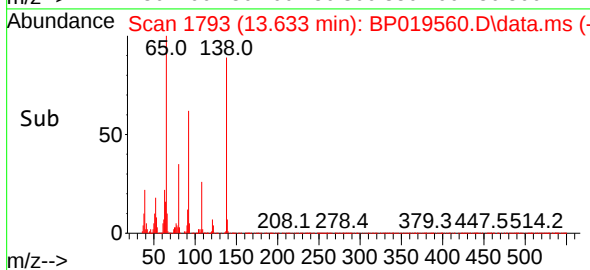
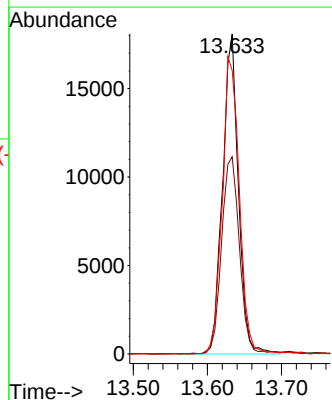
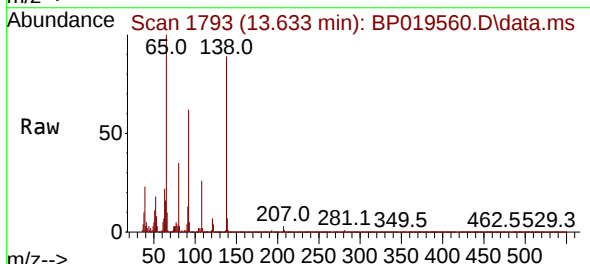
Manual Integrations
APPROVED

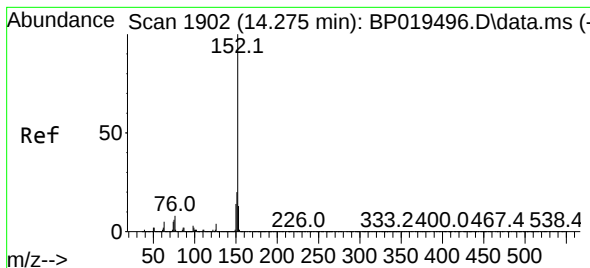
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#48
2-Nitroaniline
Concen: 6.282 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:	65	Resp:	26913
Ion Ratio	Lower	Upper	
65	100		
92	61.6	54.7	82.1
138	88.5	77.8	116.6





#49

Acenaphthylene

Concen: 7.341 ng

RT: 14.263 min Scan# 1902

Delta R.T. -0.012 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

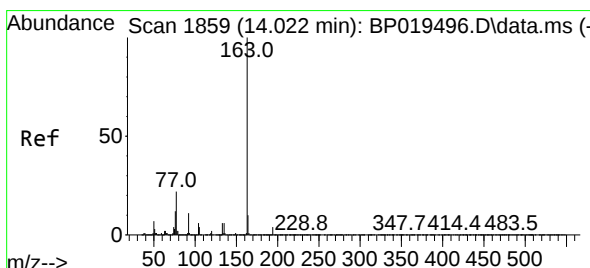
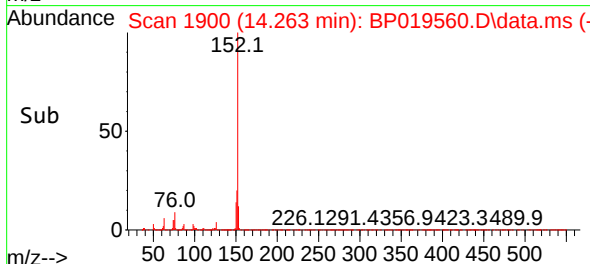
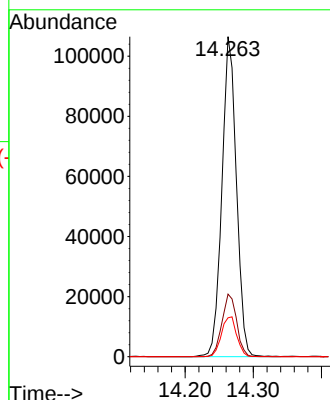
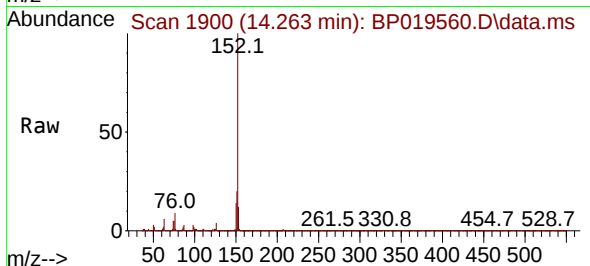
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	152	Resp:	15779
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.8	23.6
153	12.2	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#50

Dimethylphthalate

Concen: 7.167 ng

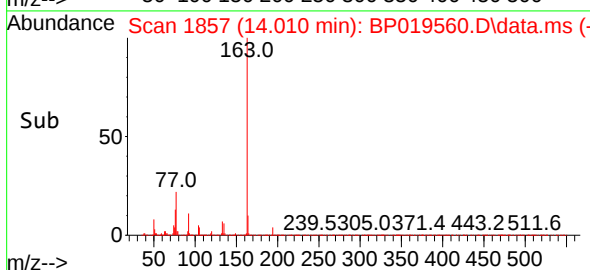
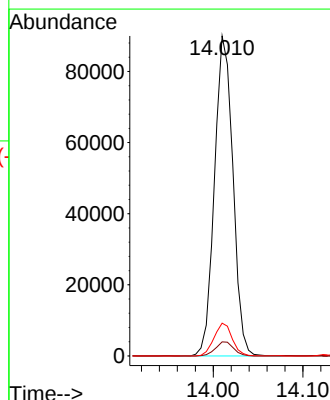
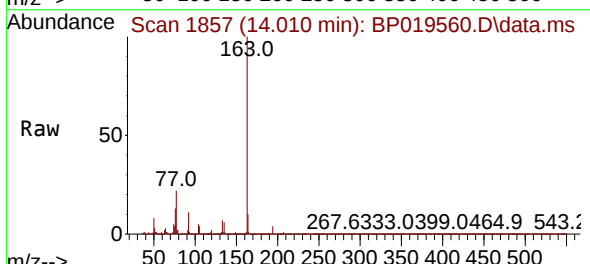
RT: 14.010 min Scan# 1857

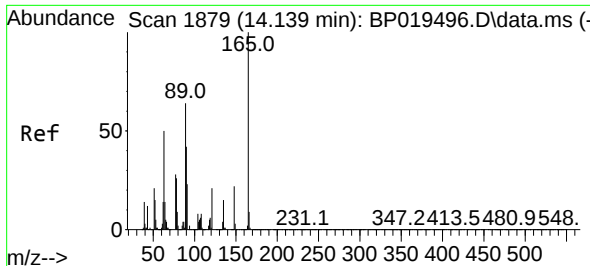
Delta R.T. -0.012 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:	163	Resp:	128294
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.2	7.8	11.6





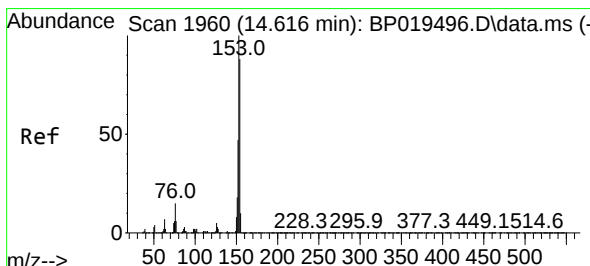
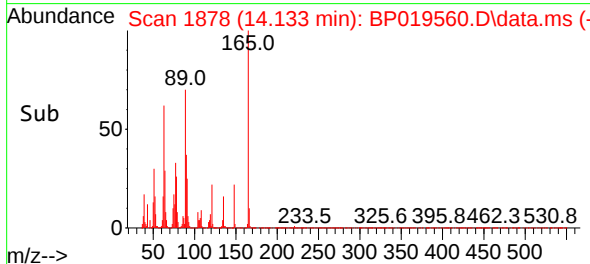
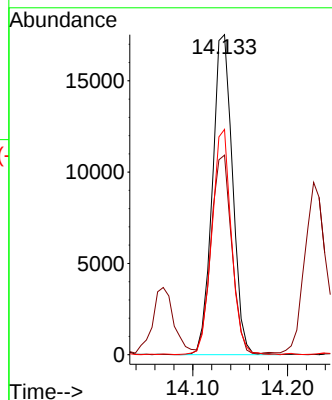
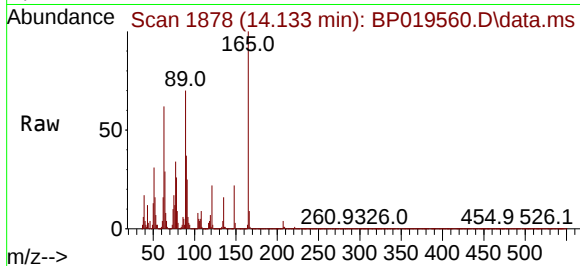
#51
2,6-Dinitrotoluene
Concen: 6.568 ng
RT: 14.133 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:165 Resp: 2583
Ion Ratio Lower Upper
165 100
63 62.3 50.4 75.6
89 70.4 51.7 77.5

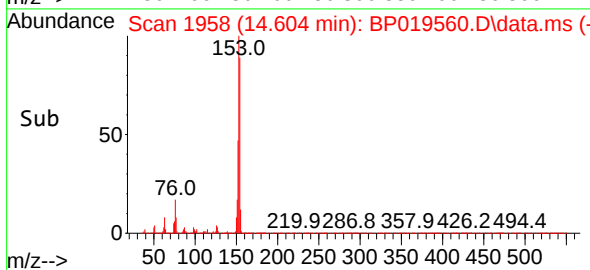
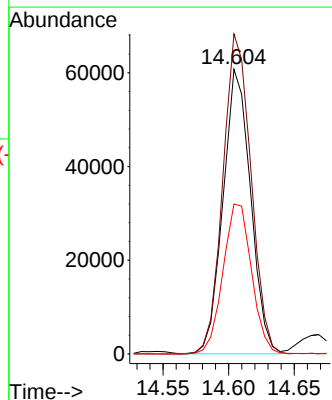
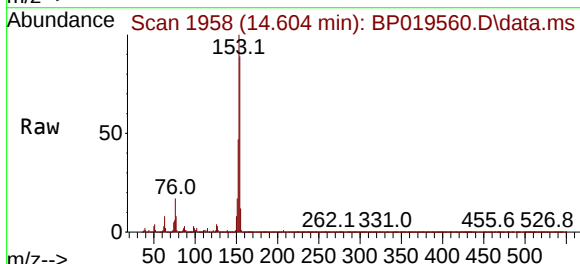
Manual Integrations
APPROVED

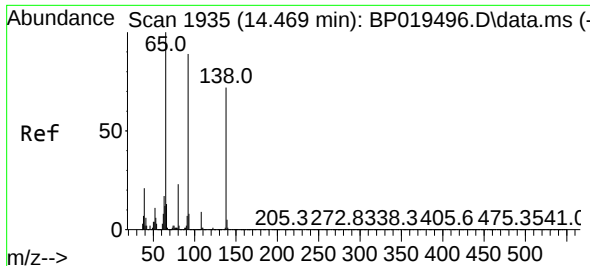
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#52
Acenaphthene
Concen: 6.653 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:154 Resp: 88751
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 52.7 42.1 63.1





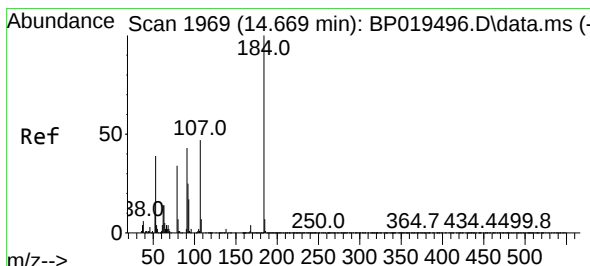
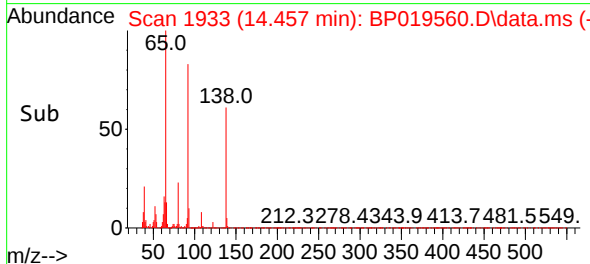
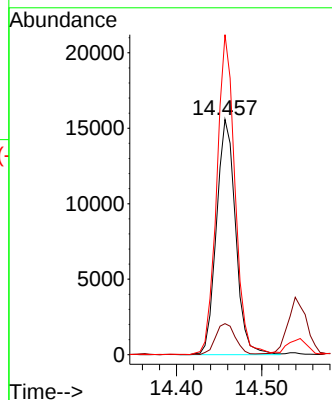
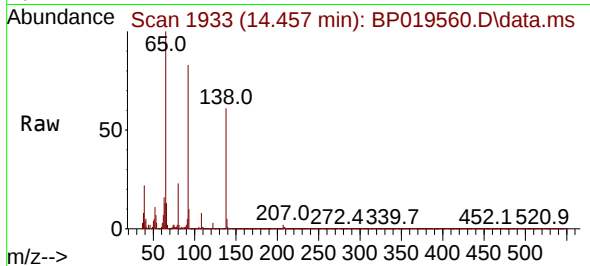
#53
3-Nitroaniline
Concen: 6.738 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:138 Resp: 24350
Ion Ratio Lower Upper
138 100
108 13.2 9.7 14.5
92 136.0 98.0 147.0

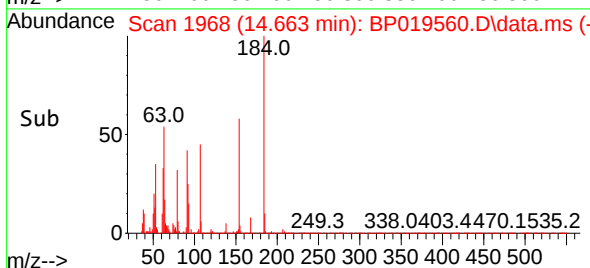
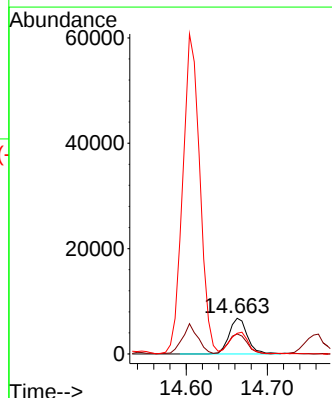
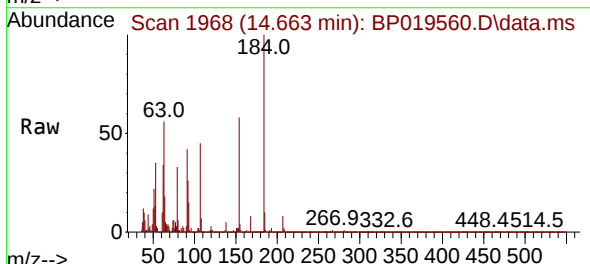
Manual Integrations
APPROVED

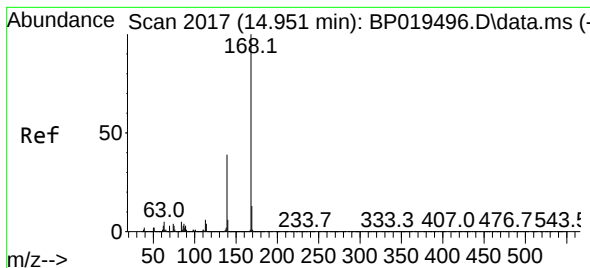
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#54
2,4-Dinitrophenol
Concen: 5.172 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:184 Resp: 10561
Ion Ratio Lower Upper
184 100
63 56.0 50.5 75.7
154 58.1 53.4 80.0





#55

Dibenzenofuran

Concen: 7.175 ng

RT: 14.945 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

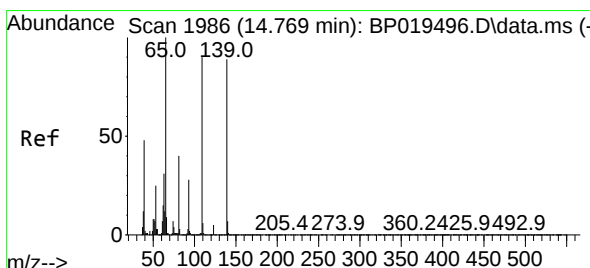
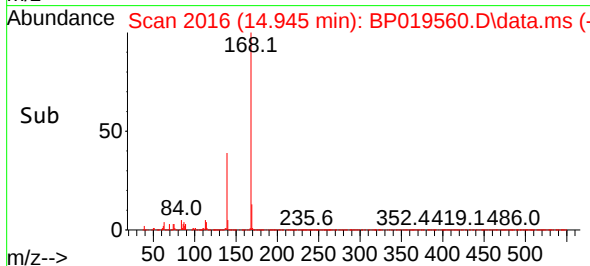
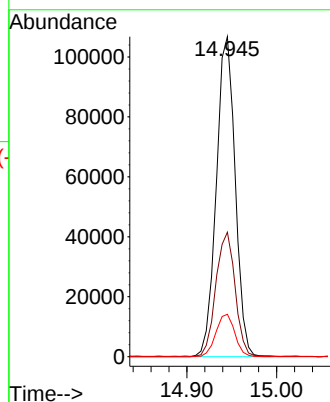
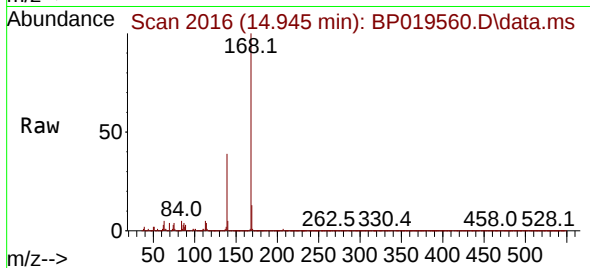
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	168	Resp:	15588
Ion Ratio	Lower	Upper	
168	100		
139	38.9	31.5	47.3
169	13.3	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#56

4-Nitrophenol

Concen: 6.170 ng

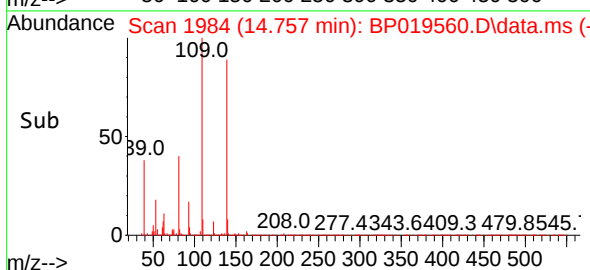
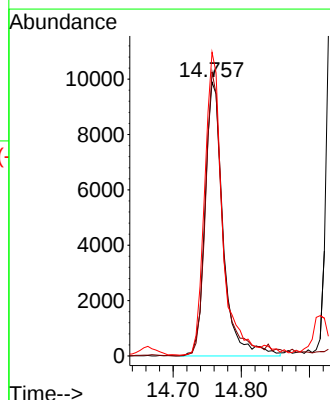
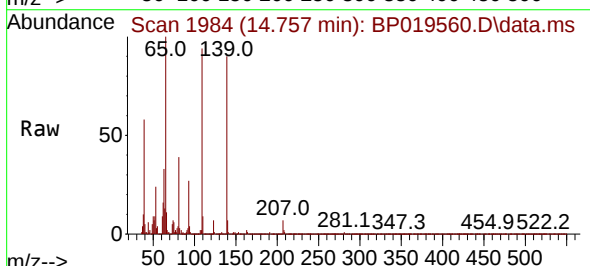
RT: 14.757 min Scan# 1984

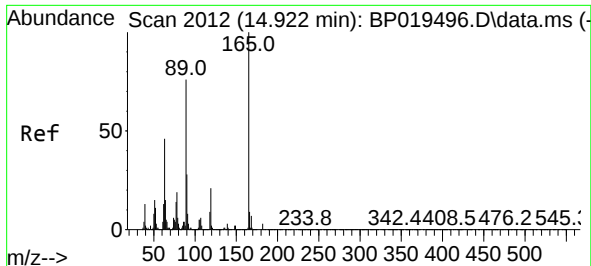
Delta R.T. -0.012 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:	139	Resp:	18279
Ion Ratio	Lower	Upper	
139	100		
109	103.7	82.0	122.0
65	110.8	92.9	132.9





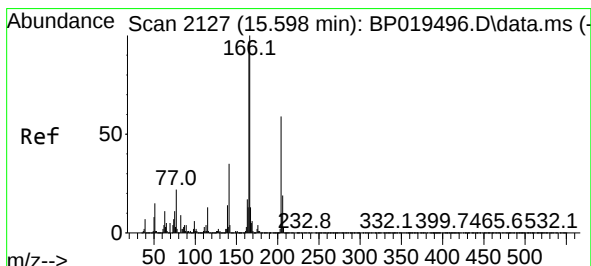
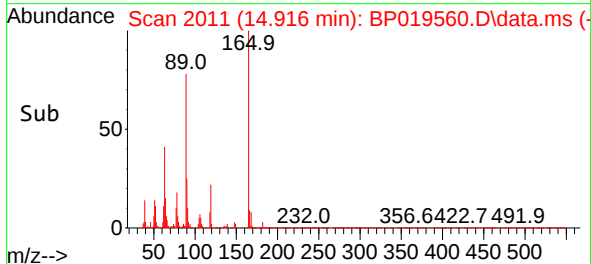
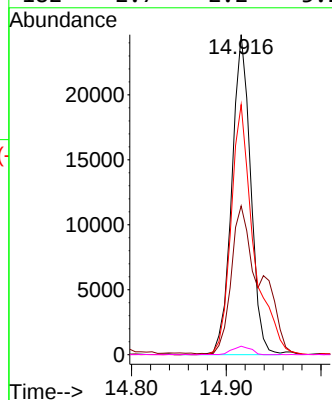
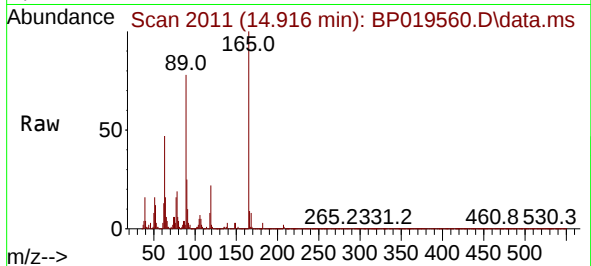
#57
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:165 Resp: 34010
Ion Ratio Lower Upper
165 100
63 46.5 36.9 55.3
89 78.2 61.1 91.7
182 2.7 2.2 3.2

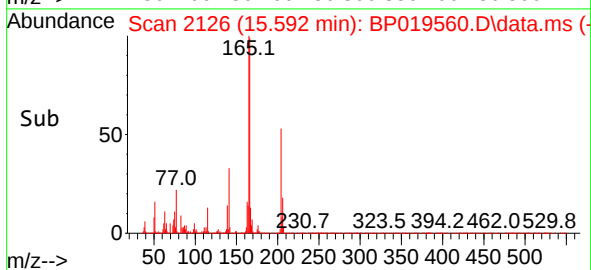
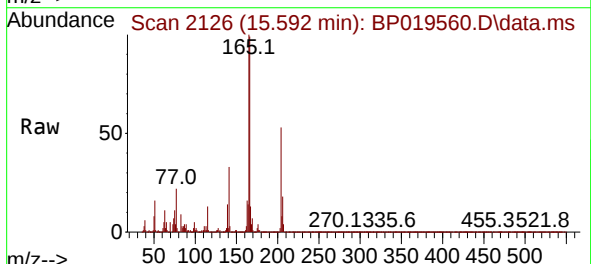
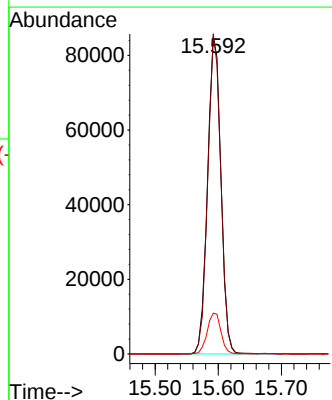
Manual Integrations
APPROVED

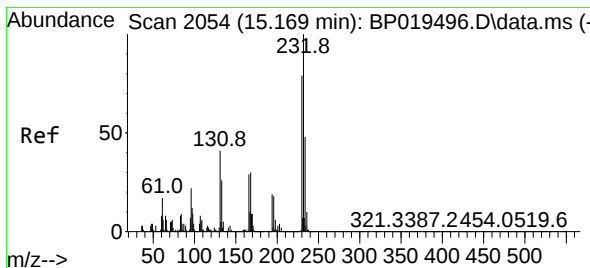
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#58
Fluorene
Concen: 7.222 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:166 Resp: 124989
Ion Ratio Lower Upper
166 100
165 100.8 77.8 116.8
167 12.8 10.7 16.1





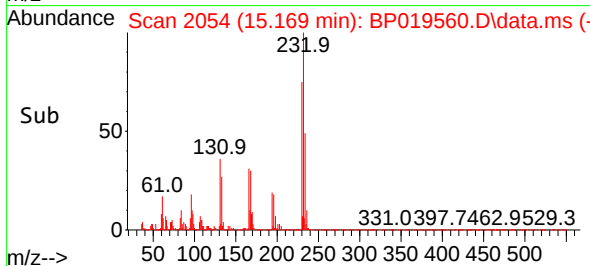
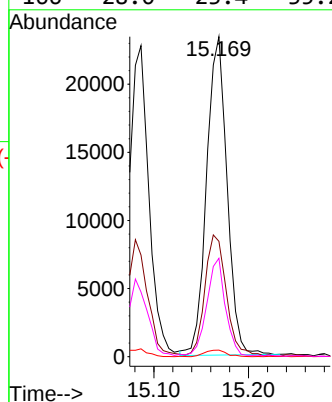
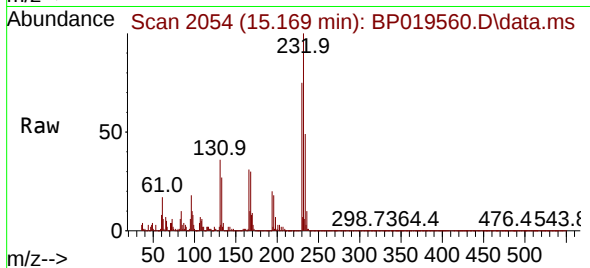
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.958 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	232	Resp:	3509
Ion Ratio	Lower	Upper	
232	100		
131	40.3	32.4	48.6
130	2.3	1.9	2.9
166	28.0	23.4	35.2

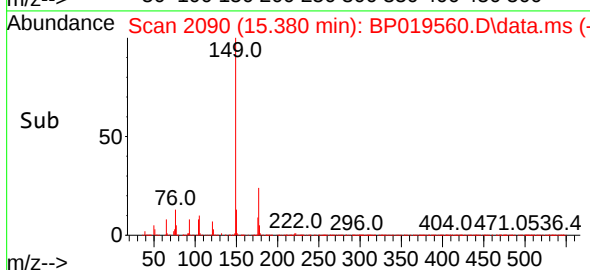
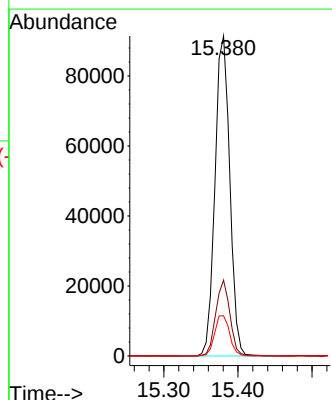
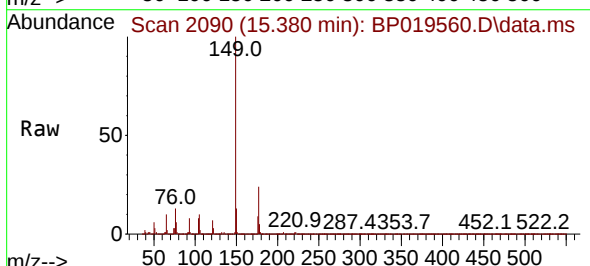
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#60
Diethylphthalate
Concen: 7.109 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

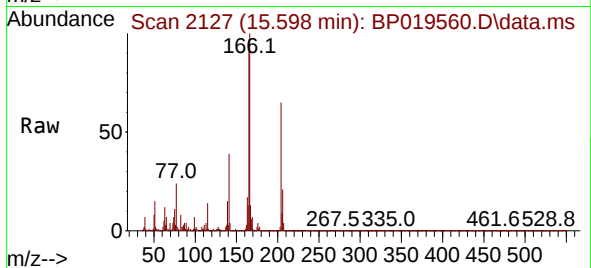
Tgt Ion:	149	Resp:	126586
Ion Ratio	Lower	Upper	
149	100		
177	23.7	18.2	27.2
150	12.6	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 7.116 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

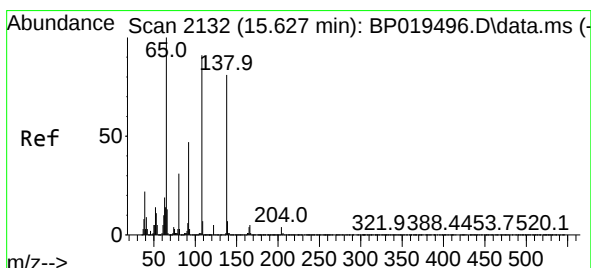
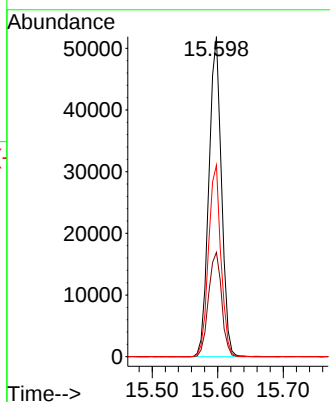
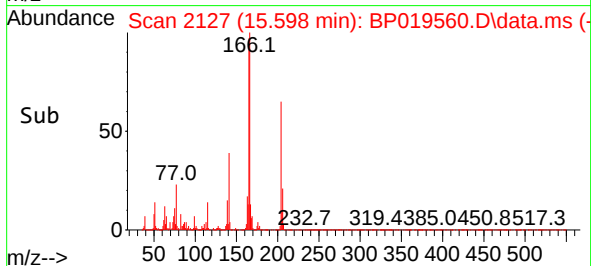
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:204 Resp: 69218
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 59.9 48.5 72.7

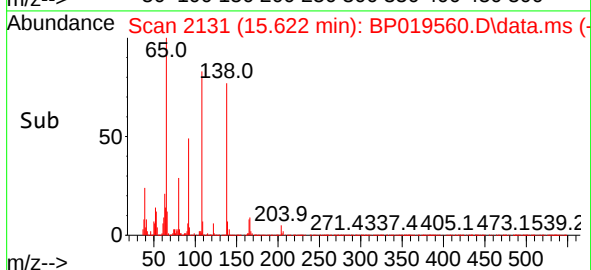
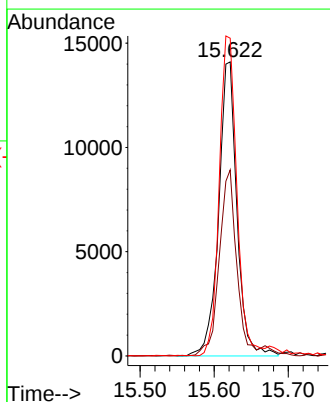
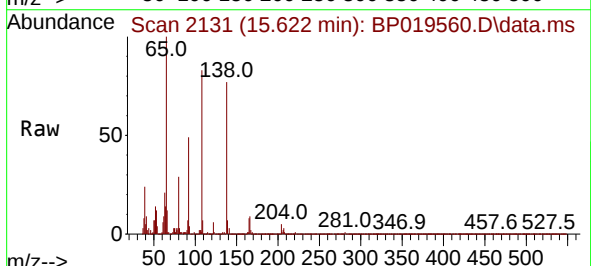
Manual Integrations
APPROVED

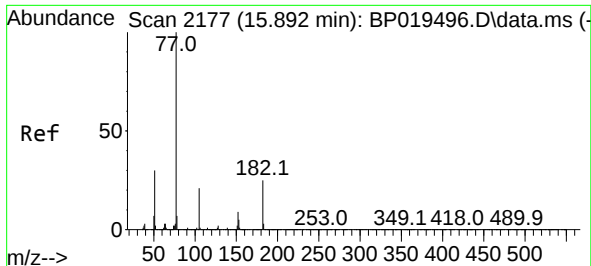
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#62
4-Nitroaniline
Concen: 6.384 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

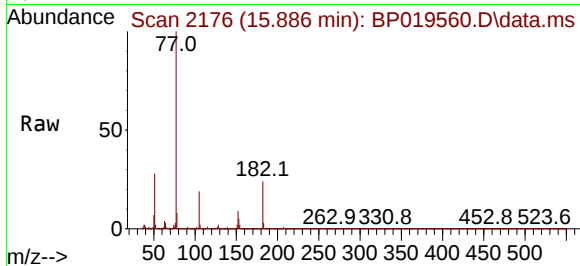
Tgt Ion:138 Resp: 24186
Ion Ratio Lower Upper
138 100
92 63.3 38.3 78.3
108 108.0 91.2 131.2





#63
Azobenzene
Concen: 7.014 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

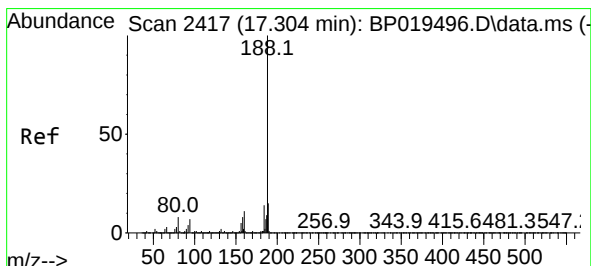
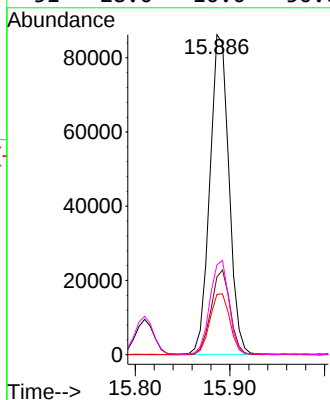
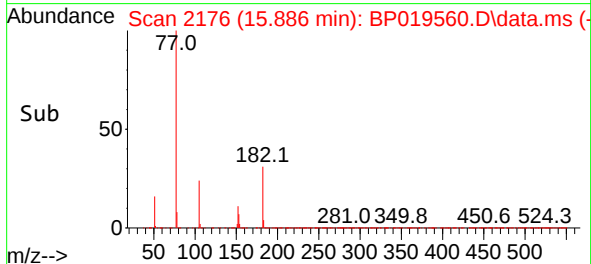
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



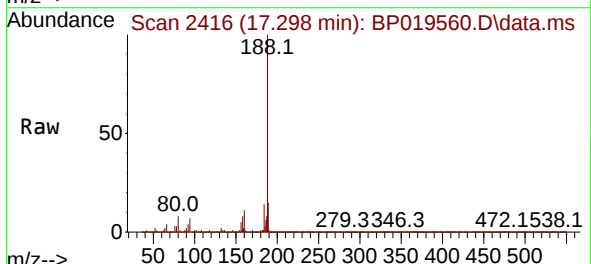
Tgt Ion: 77 Resp: 12076
Ion Ratio Lower Upper
77 100
182 24.3 5.1 45.1
105 18.8 0.8 40.8
51 28.0 10.0 50.0

Manual Integrations
APPROVED

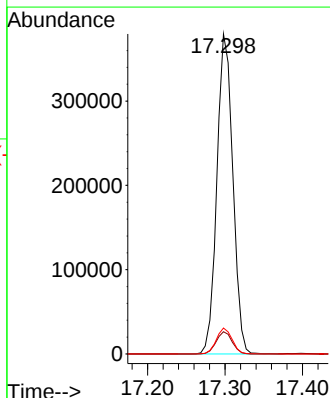
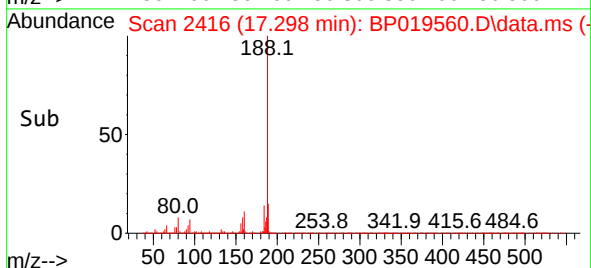
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

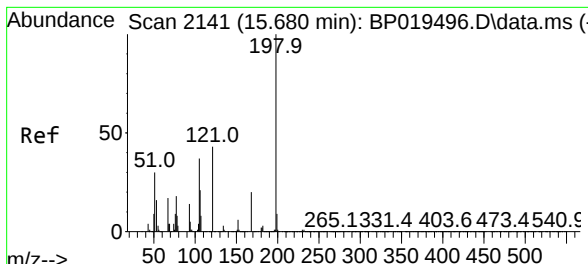


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29



Tgt Ion:188 Resp: 542233
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.1 6.3 9.5





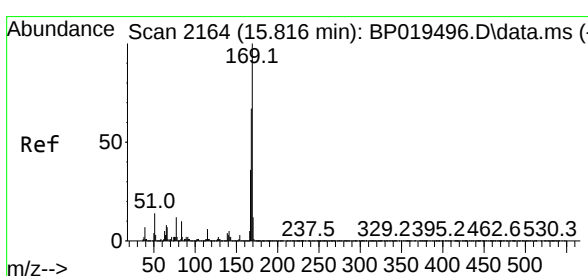
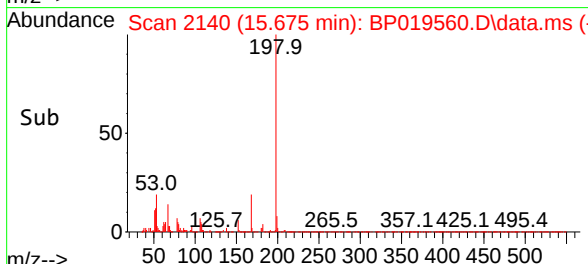
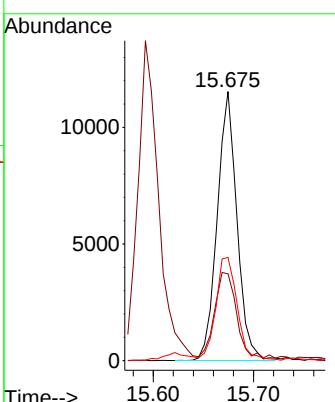
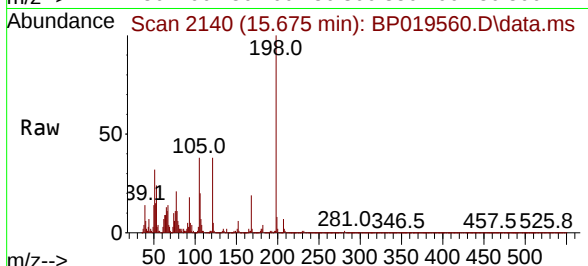
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.092 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019560.D
 Acq: 05 Feb 2024 14:29

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	198	Resp:	1574
Ion Ratio	Lower	Upper	
198	100		
51	32.3	21.2	61.2
105	38.3	19.1	59.1

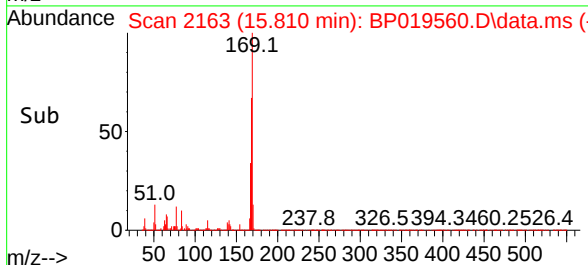
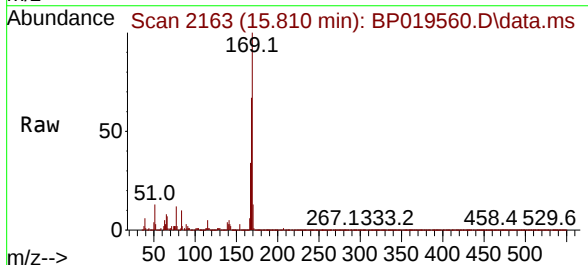
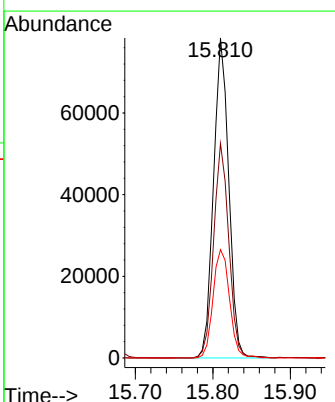
Manual Integrations
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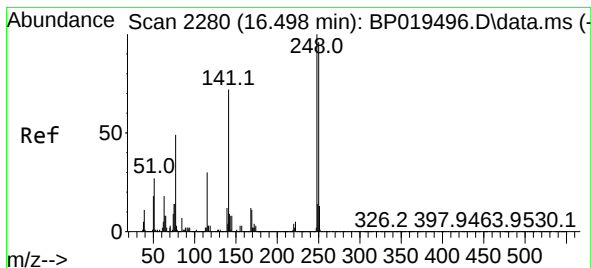
Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#66
 n-Nitrosodiphenylamine
 Concen: 6.589 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: BP019560.D
 Acq: 05 Feb 2024 14:29

Tgt Ion:	169	Resp:	107006
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.4	80.2
167	33.9	28.9	43.3





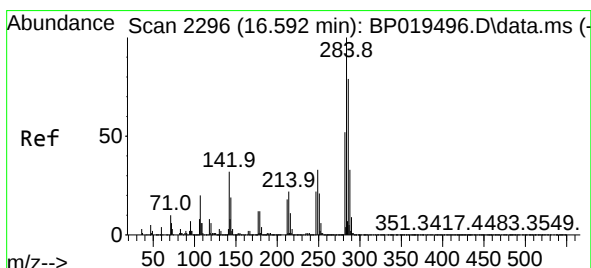
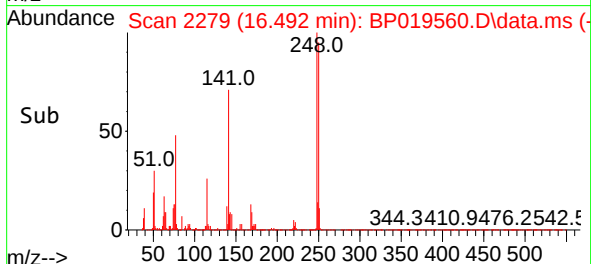
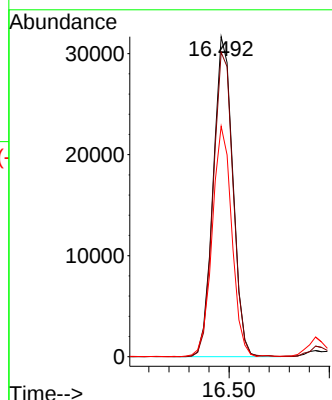
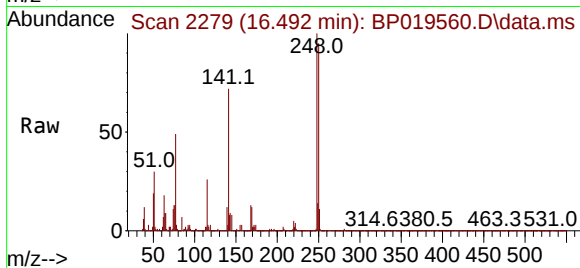
#67
4-Bromophenyl-phenylether
Concen: 6.354 ng
RT: 16.492 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:248 Resp: 43072
Ion Ratio Lower Upper
248 100
250 95.1 76.9 115.3
141 72.0 58.0 87.0

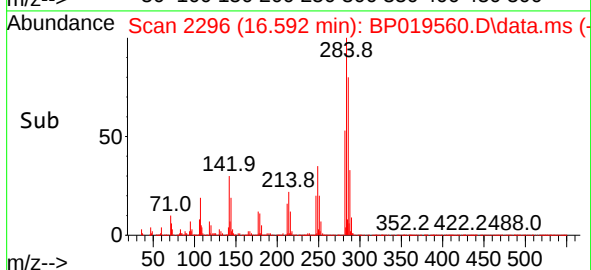
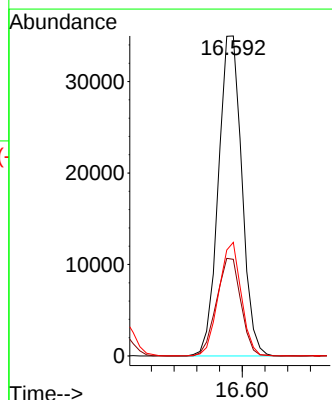
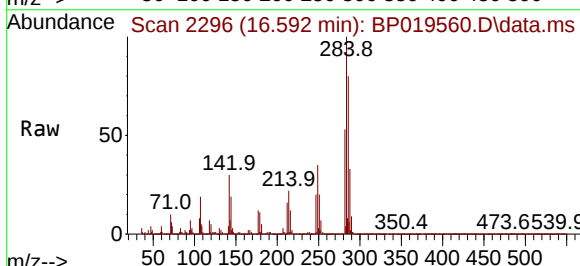
Manual Integrations
APPROVED

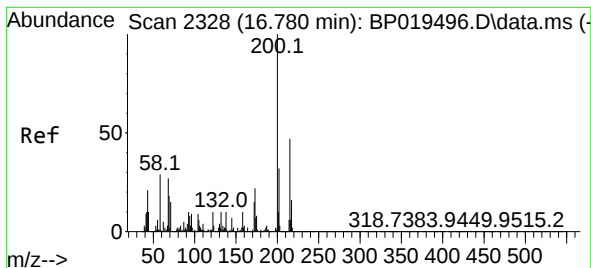
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#68
Hexachlorobenzene
Concen: 6.341 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:284 Resp: 50196
Ion Ratio Lower Upper
284 100
142 30.2 25.4 38.2
249 35.5 26.5 39.7





#69

Atrazine

Concen: 7.819 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

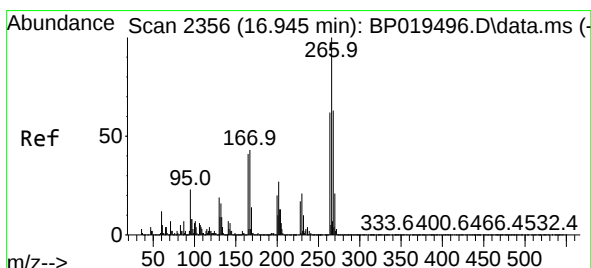
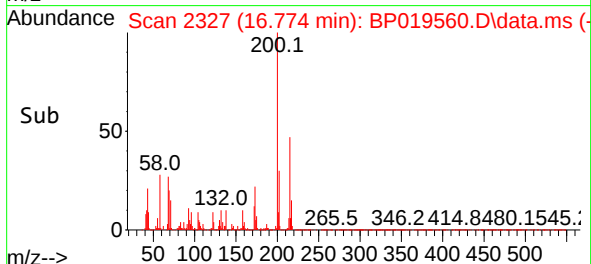
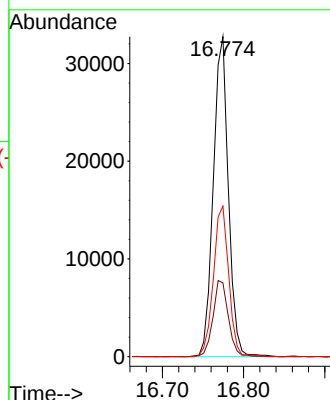
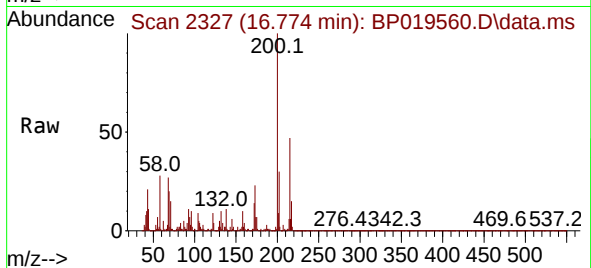
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:200 Resp: 42130
Ion Ratio Lower Upper
200 100
173 23.1 1.7 41.7
215 47.1 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#70

Pentachlorophenol

Concen: 5.089 ng

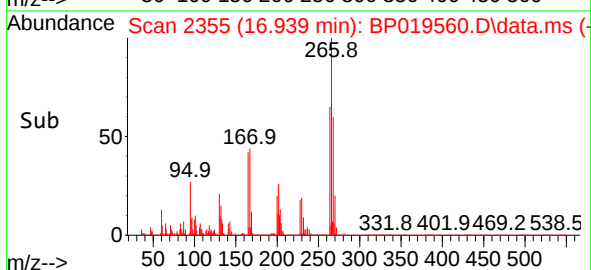
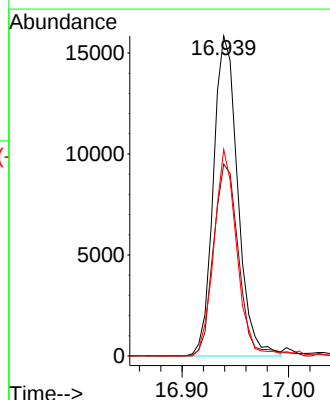
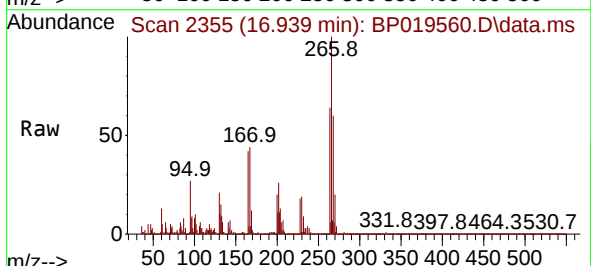
RT: 16.939 min Scan# 2355

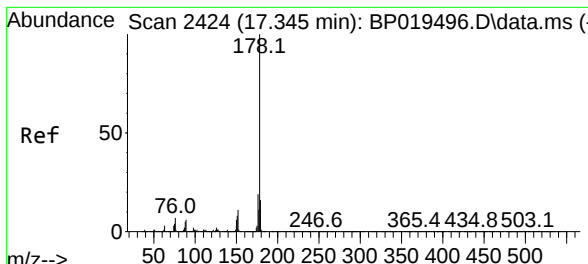
Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:266 Resp: 25084
Ion Ratio Lower Upper
266 100
268 60.0 50.3 75.5
264 64.5 49.7 74.5



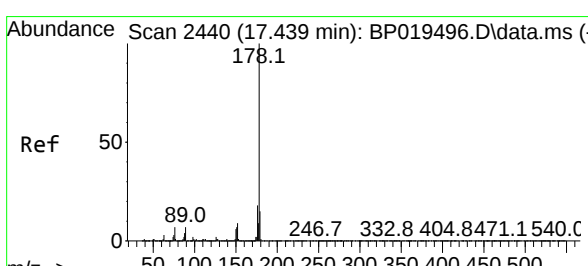
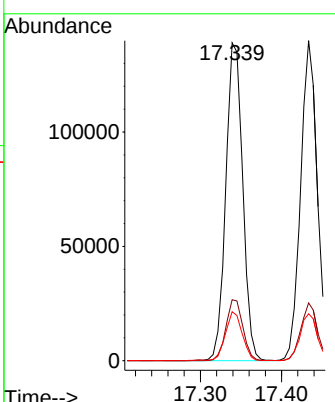
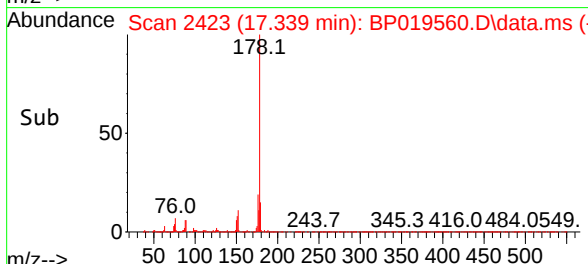
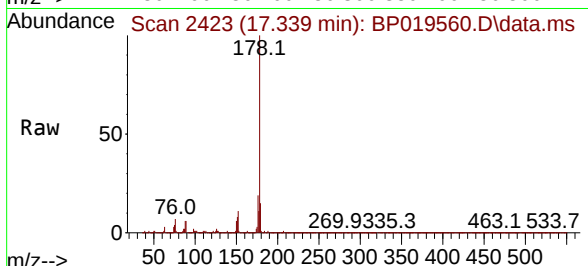


#71
 Phenanthrene
 Concen: 7.047 ng
 RT: 17.339 min Scan# 2423
 Delta R.T. -0.006 min
 Lab File: BP019560.D
 Acq: 05 Feb 2024 14:29

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

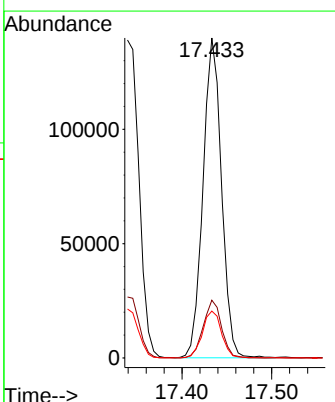
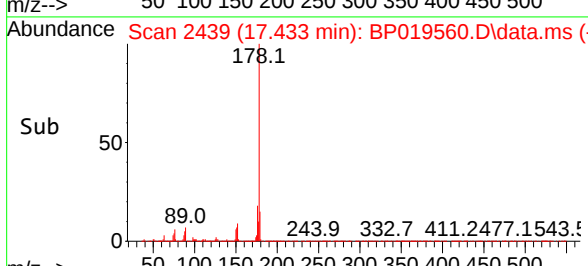
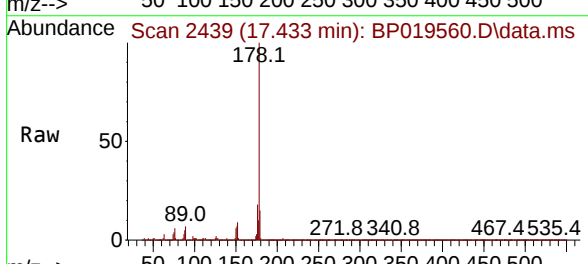
Tgt Ion:	178	Resp:	201100
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.5	23.3
179	15.4	12.6	19.0

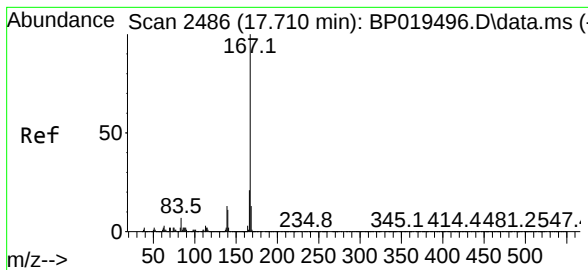
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#72
 Anthracene
 Concen: 7.040 ng
 RT: 17.433 min Scan# 2439
 Delta R.T. -0.006 min
 Lab File: BP019560.D
 Acq: 05 Feb 2024 14:29

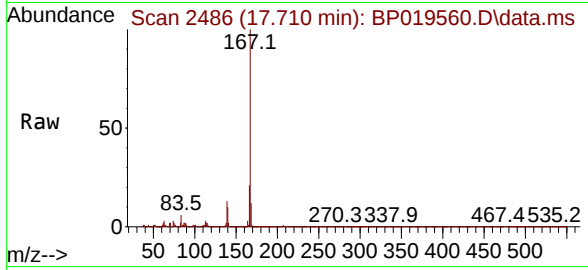
Tgt Ion:	178	Resp:	200409
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.7	22.1
179	14.6	12.2	18.2





#73
Carbazole
Concen: 6.649 ng
RT: 17.710 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

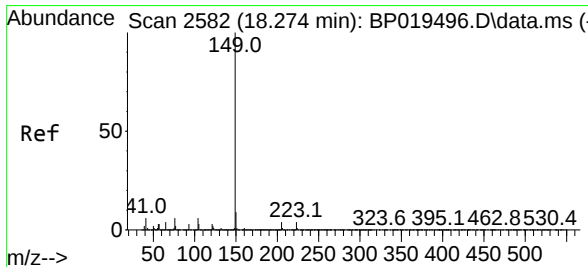
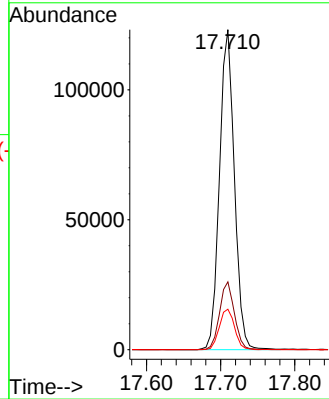
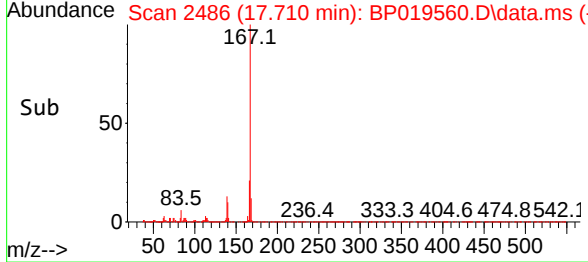
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



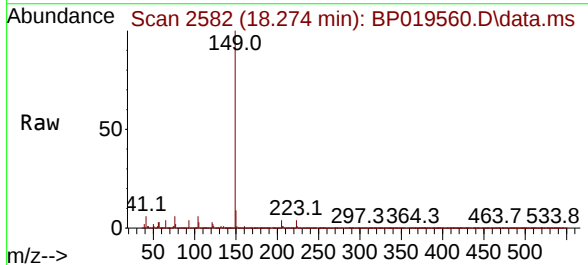
Tgt Ion:167 Resp: 17195
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.6 10.6 15.8

Manual Integrations
APPROVED

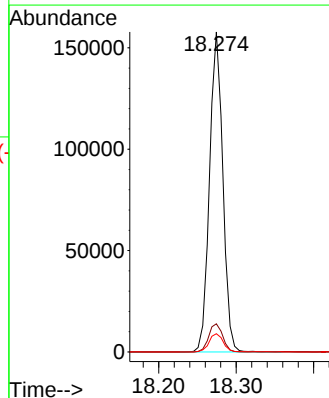
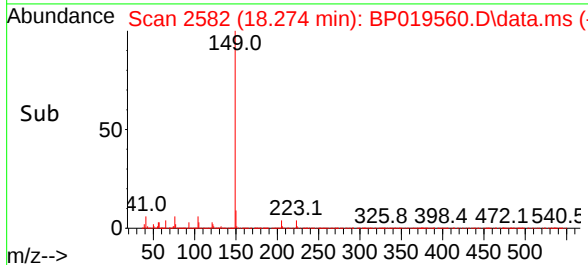
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#74
Di-n-butylphthalate
Concen: 6.011 ng
RT: 18.274 min Scan# 2582
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29



Tgt Ion:149 Resp: 187943
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 5.7 4.8 7.2



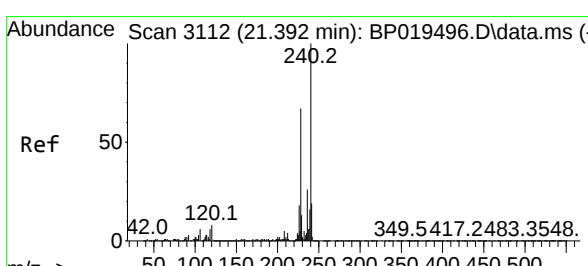
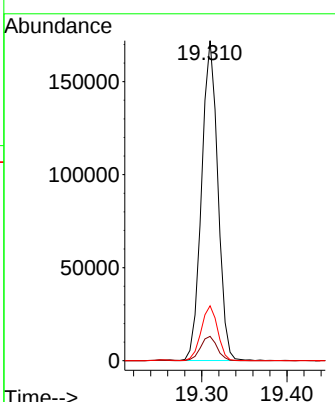
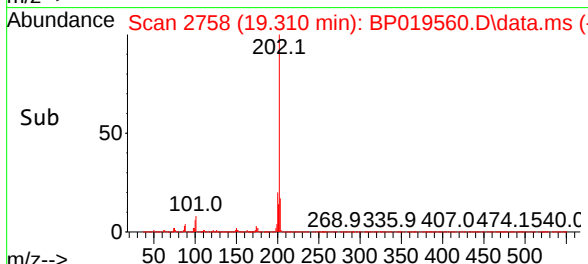
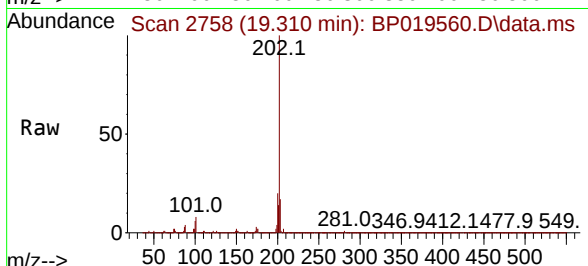


#75
 Fluoranthene
 Concen: 6.522 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019560.D
 Acq: 05 Feb 2024 14:29

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

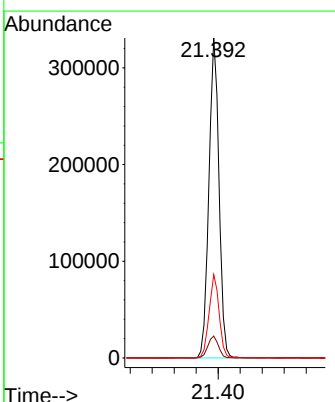
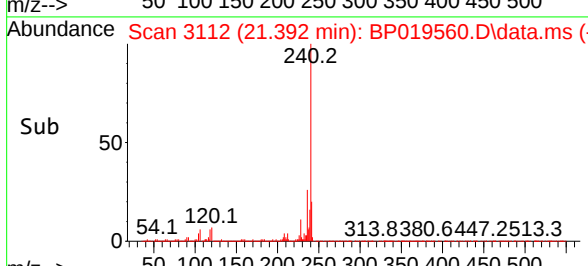
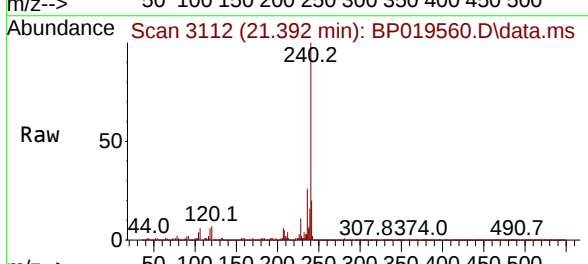
Tgt Ion:	202	Resp:	22734
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	27.7
203	17.1	0.0	37.5

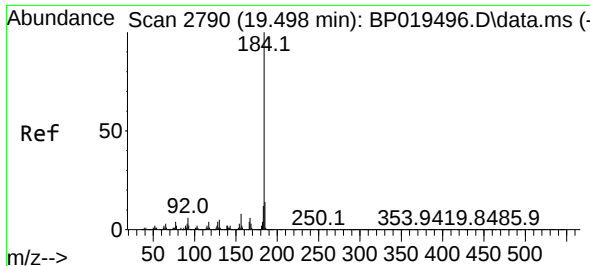
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019560.D
 Acq: 05 Feb 2024 14:29

Tgt Ion:	240	Resp:	422154
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.1	9.1
236	26.0	20.7	31.1





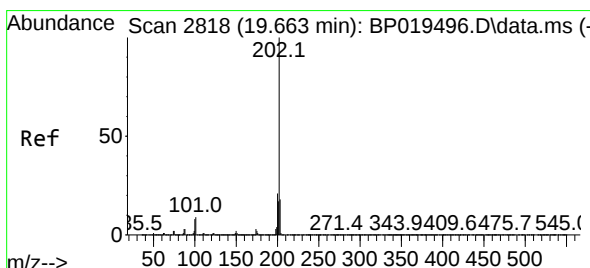
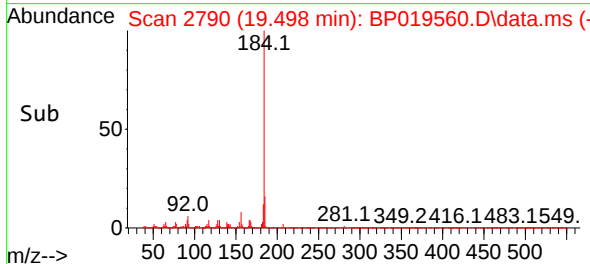
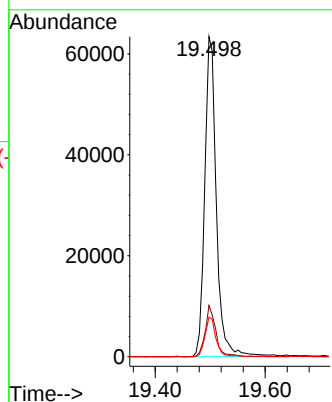
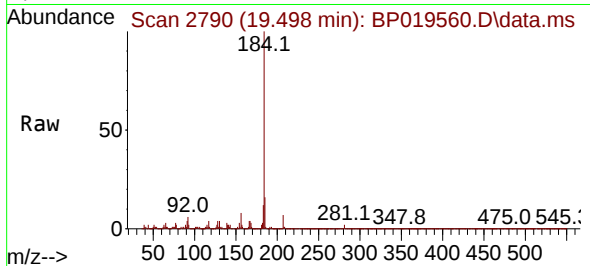
#77
Benzidine
Concen: 10.528 ng
RT: 19.498 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:184 Resp: 92914
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 12.3 9.7 14.5

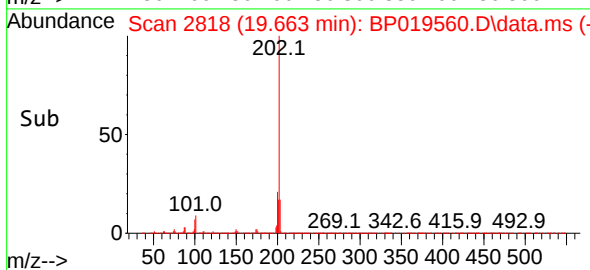
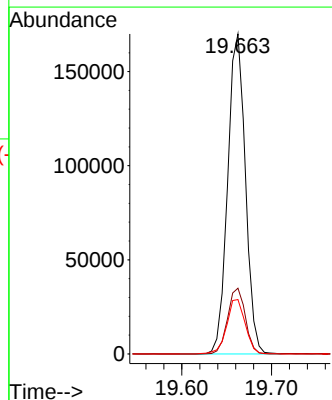
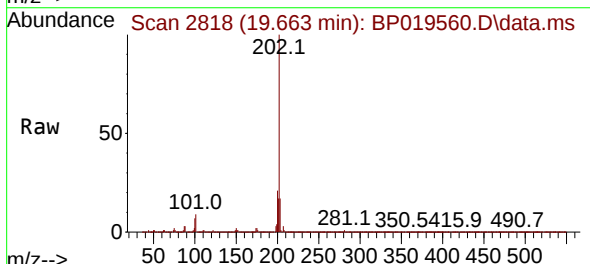
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#78
Pyrene
Concen: 7.813 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

Tgt Ion:202 Resp: 232769
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 17.0 14.2 21.2





#79

Terphenyl-d14

Concen: 78.175 ng

RT: 19.868 min Scan# 2853

Delta R.T. 0.000 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

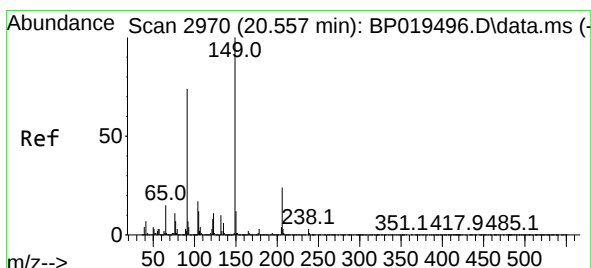
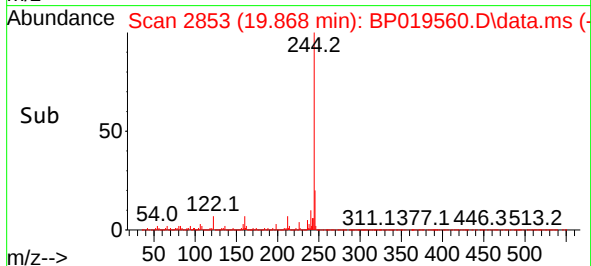
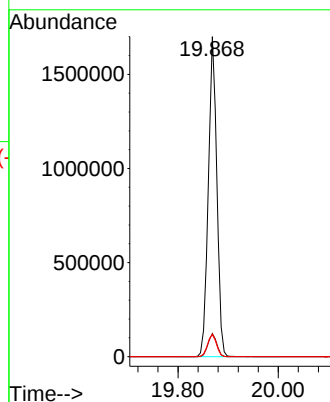
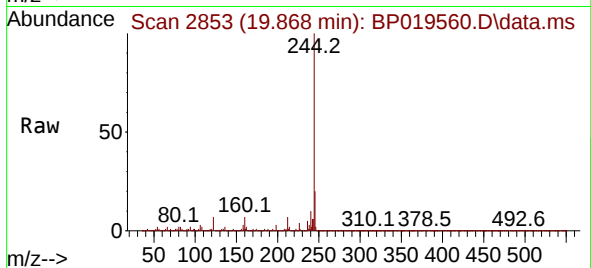
Tgt Ion:244 Resp: 200675

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.9	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#80

Butylbenzylphthalate

Concen: 5.715 ng

RT: 20.557 min Scan# 2970

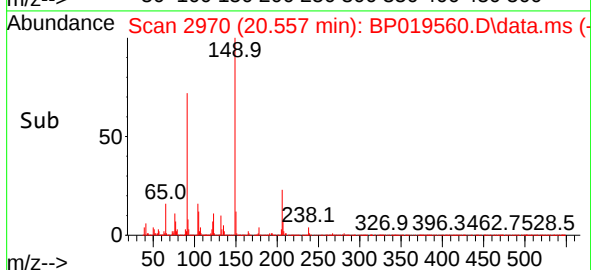
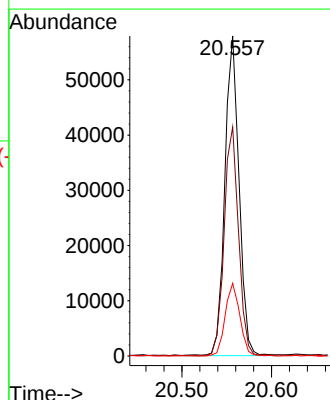
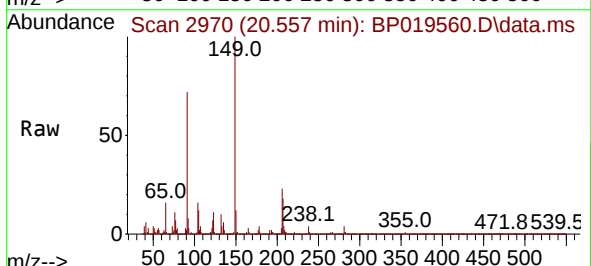
Delta R.T. 0.000 min

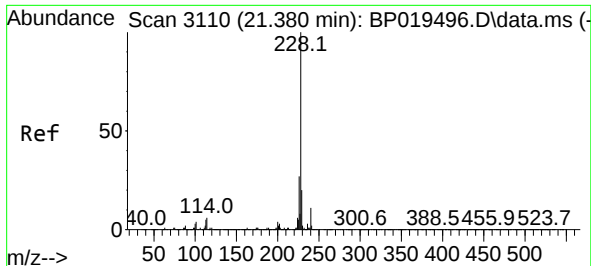
Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:149 Resp: 63591

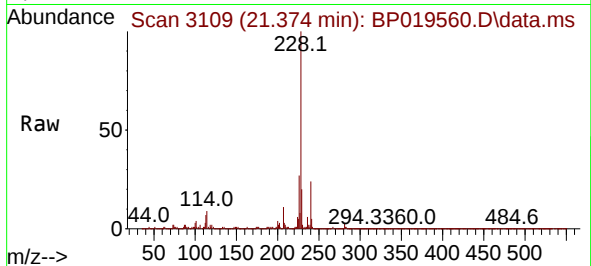
Ion	Ratio	Lower	Upper
149	100		
91	71.5	59.4	89.0
206	22.7	19.0	28.6





#81
Benzo(a)anthracene
Concen: 6.812 ng
RT: 21.374 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29

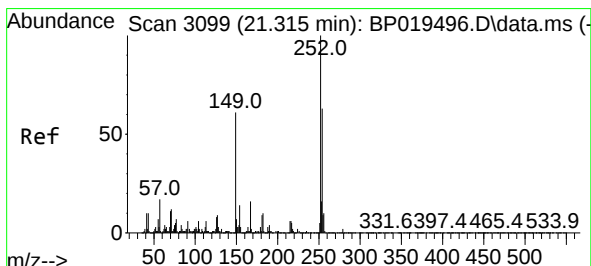
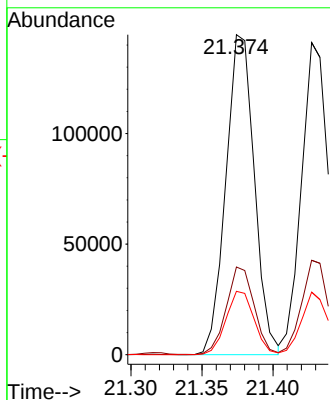
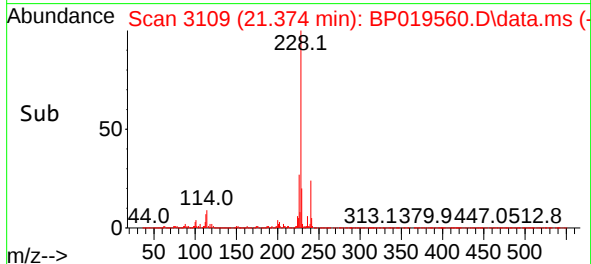
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



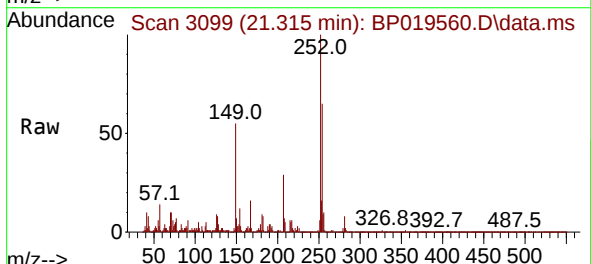
Tgt Ion:228 Resp: 202420
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.6 23.4

Manual Integrations
APPROVED

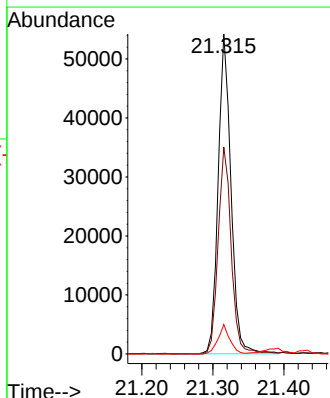
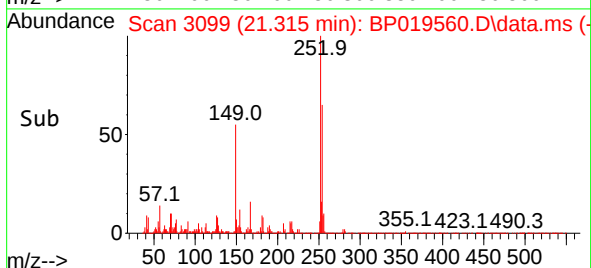
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

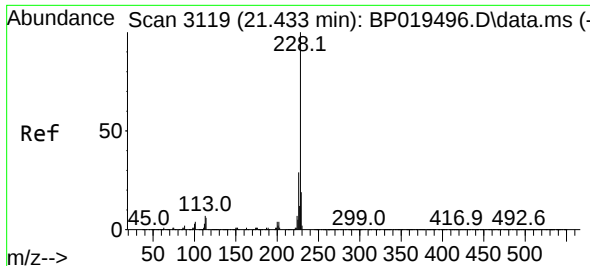


#82
3,3'-Dichlorobenzidine
Concen: 6.232 ng
RT: 21.315 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP019560.D
Acq: 05 Feb 2024 14:29



Tgt Ion:252 Resp: 67489
Ion Ratio Lower Upper
252 100
254 64.7 50.7 76.1
126 9.2 6.4 9.6





#83

Chrysene

Concen: 6.682 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

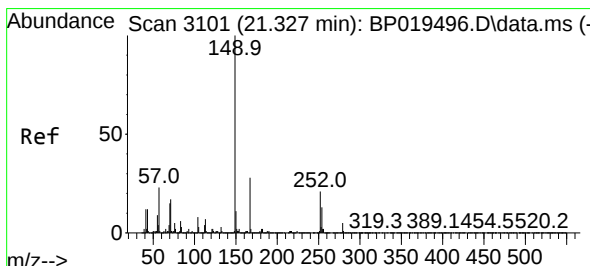
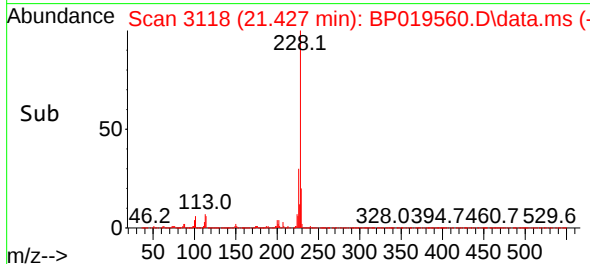
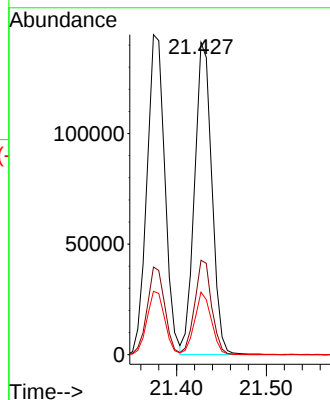
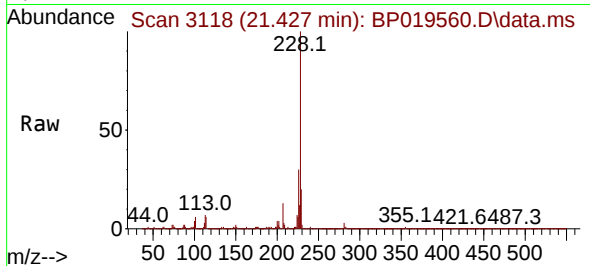
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	228	Resp:	188530
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.2
229	20.0	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.886 ng

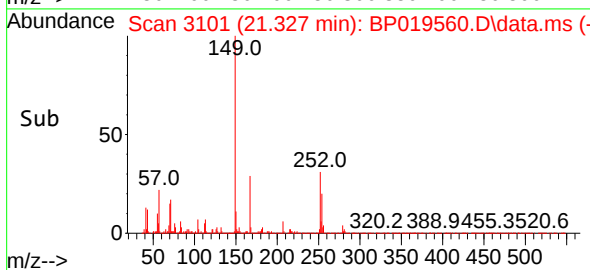
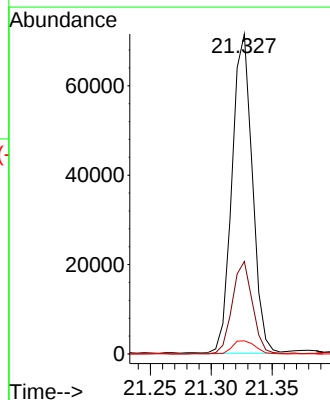
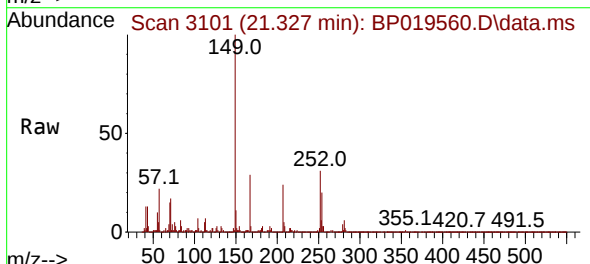
RT: 21.327 min Scan# 3101

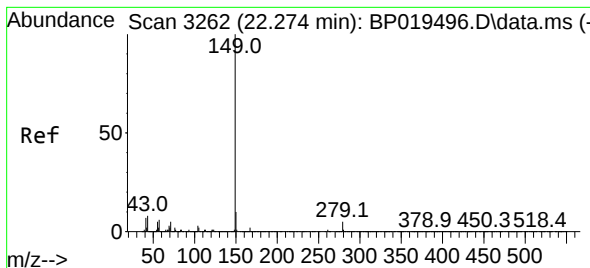
Delta R.T. 0.000 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:	149	Resp:	82789
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.7	34.1
279	4.1	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 4.009 ng

RT: 22.274 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

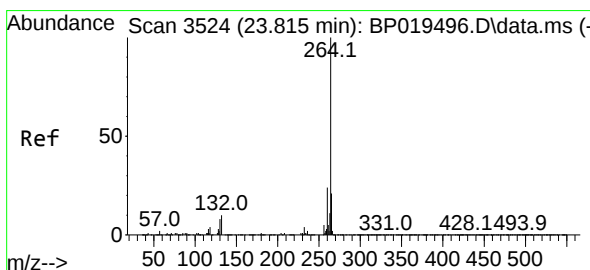
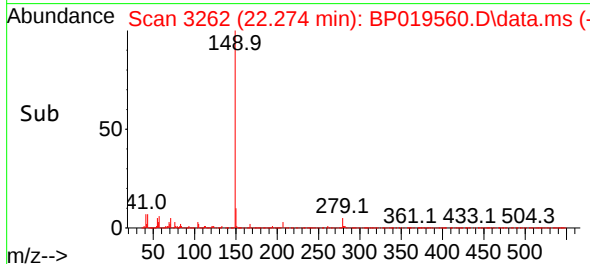
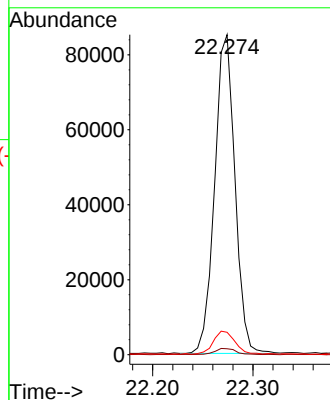
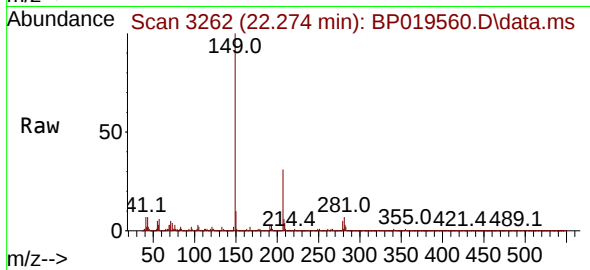
Tgt Ion:149 Resp: 119494

Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.3	1.9
43	8.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.809 min Scan# 3523

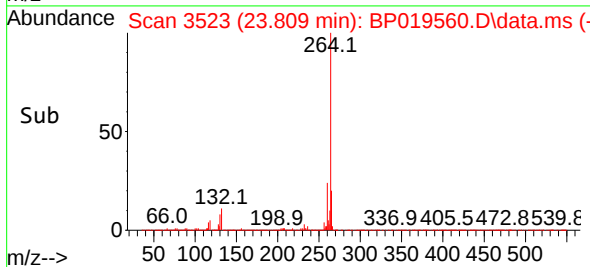
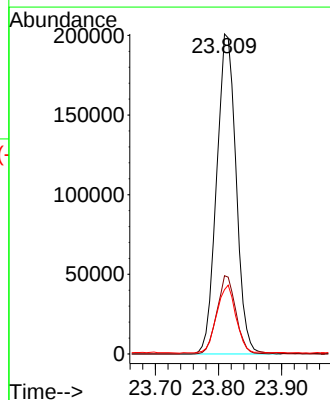
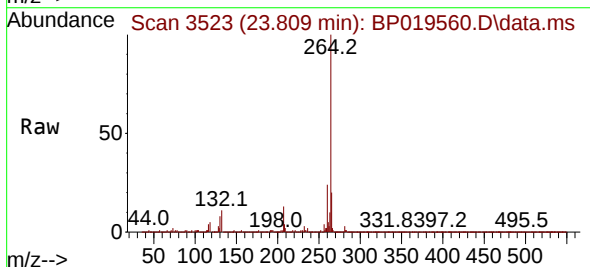
Delta R.T. -0.006 min

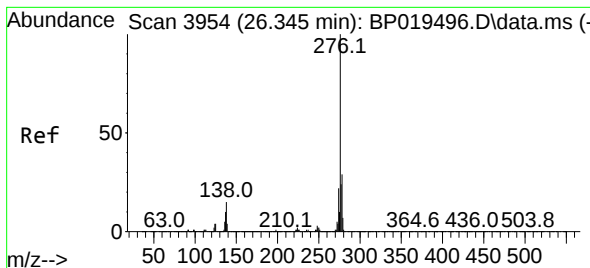
Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:264 Resp: 430318

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.1	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.609 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

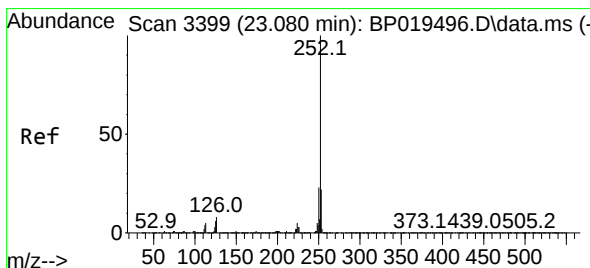
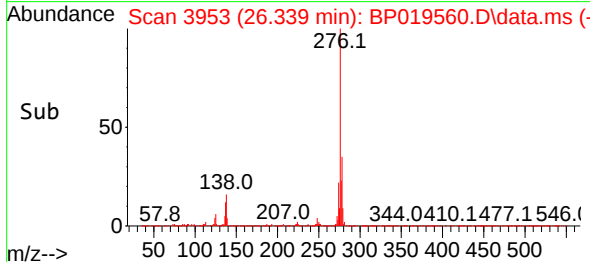
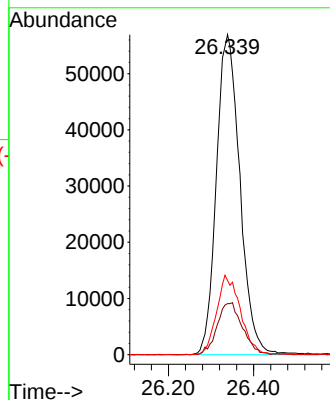
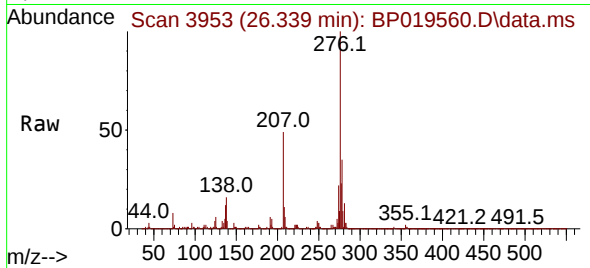
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	276	Resp:	21769
Ion Ratio	Lower	Upper	
276	100		
138	17.4	13.1	19.7
277	25.1	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#88

Benzo(b)fluoranthene

Concen: 6.543 ng

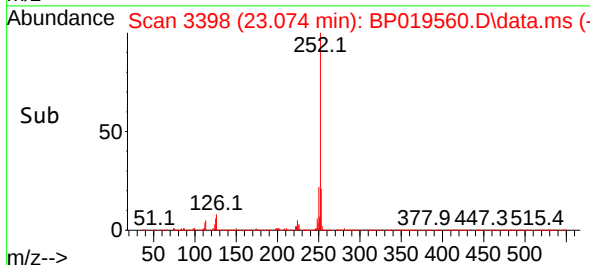
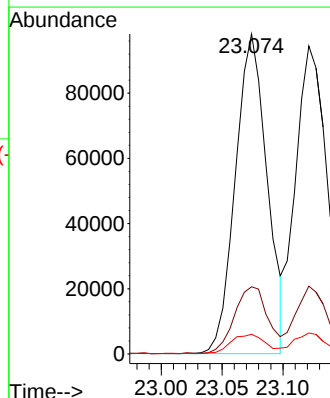
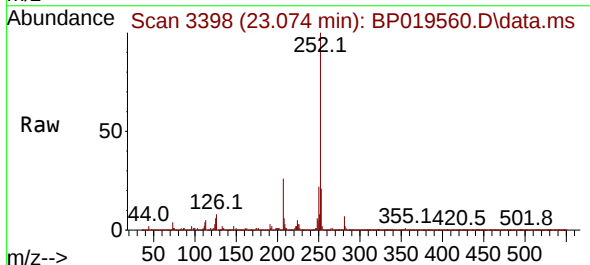
RT: 23.074 min Scan# 3398

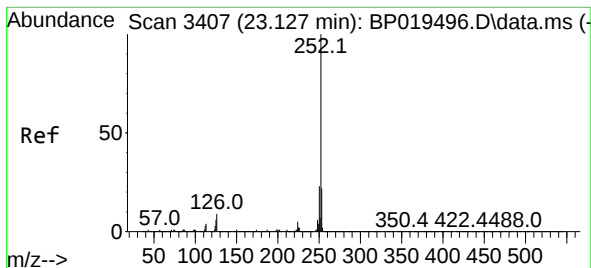
Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:	252	Resp:	177465
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.3	25.9
125	6.1	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 6.543 ng

RT: 23.121 min Scan# 3407

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

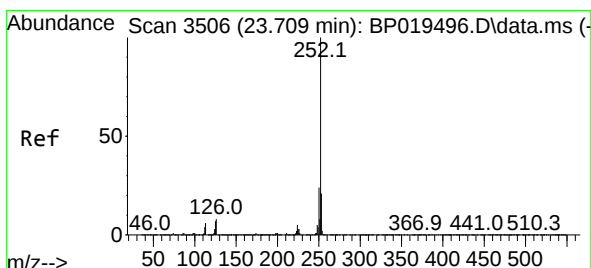
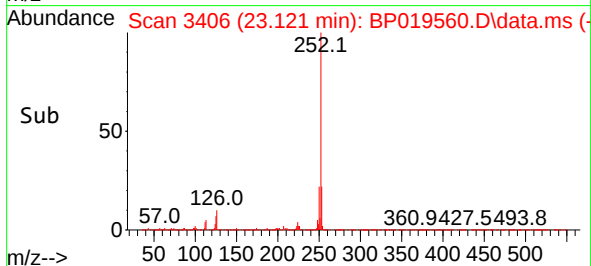
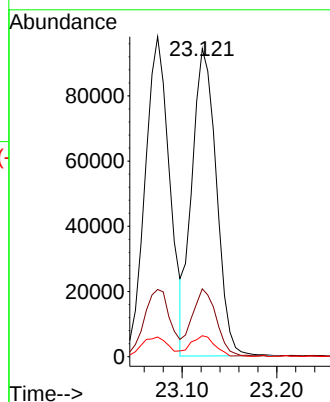
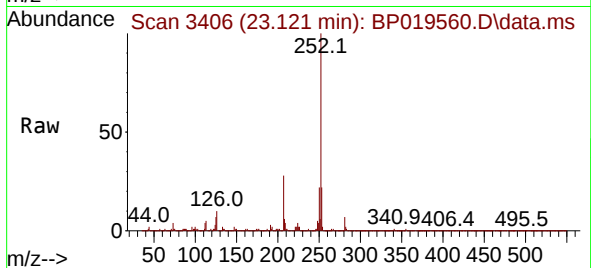
Tgt Ion:252 Resp: 16952

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	6.8	5.0	7.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#90

Benzo(a)pyrene

Concen: 6.393 ng

RT: 23.703 min Scan# 3505

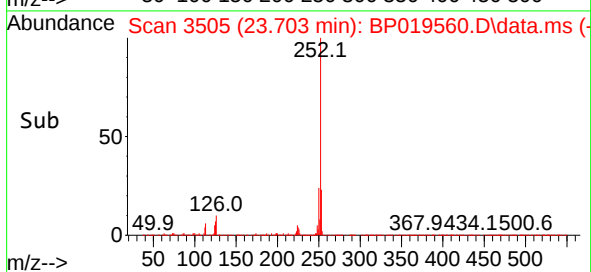
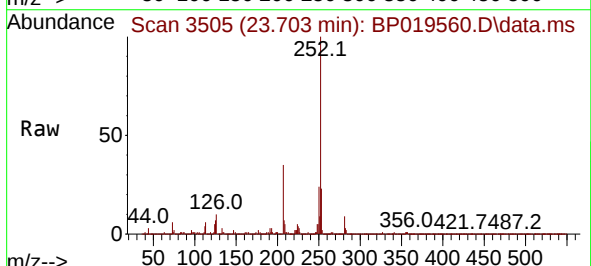
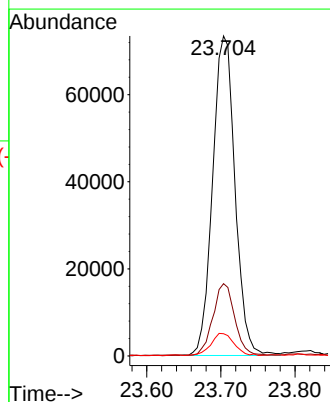
Delta R.T. -0.006 min

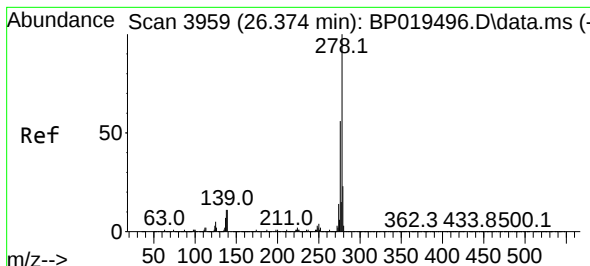
Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:252 Resp: 154271

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.0	5.6	8.4





#91

Dibenzo(a,h)anthracene

Concen: 6.759 ng

RT: 26.368 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Instrument :

BNA_P

ClientSampleId :

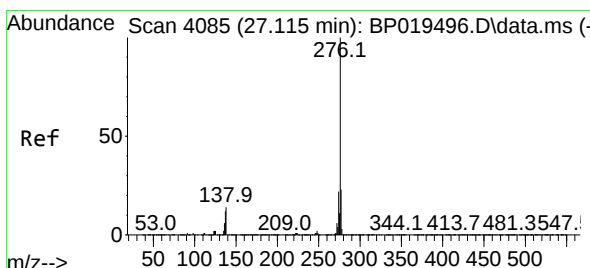
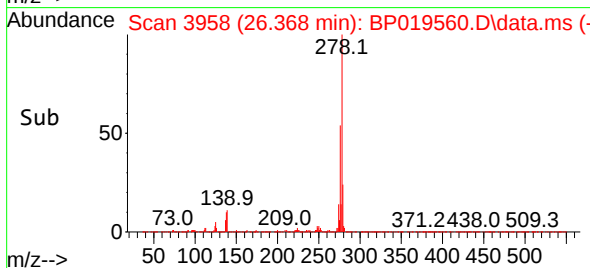
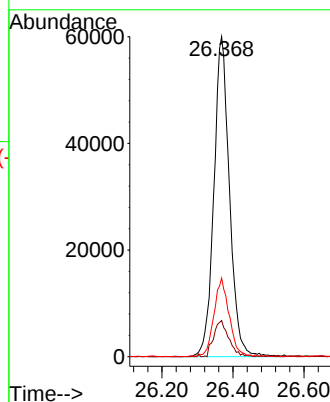
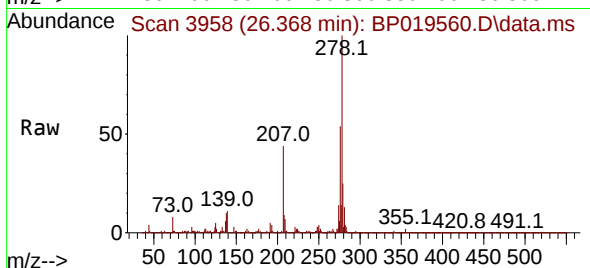
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	278	Resp:	183120
Ion Ratio	Lower	Upper	
278	100		
139	11.3	8.6	12.8
279	24.6	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#92

Benzo(g,h,i)perylene

Concen: 6.421 ng

RT: 27.109 min Scan# 4084

Delta R.T. -0.006 min

Lab File: BP019560.D

Acq: 05 Feb 2024 14:29

Tgt Ion:	276	Resp:	176477
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.6	28.0
138	13.5	10.9	16.3

