

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019546.D
 Acq On : 03 Feb 2024 01:49
 Operator : MA/JU
 Sample : P1187-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Feb 03 03:20:54 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 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	64205	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	234501	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	151691	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	369297	20.000	ng	0.00
76) Chrysene-d12	21.386	240	439996	20.000	ng	0.00
86) Perylene-d12	23.804	264	521435	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	521465	130.918	ng	0.00
7) Phenol-d6	7.075	99	664575	123.740	ng	-0.01
23) Nitrobenzene-d5	9.075	82	423125	78.186	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	332274	150.025	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	948203	77.275	ng	0.00
79) Terphenyl-d14	19.863	244	2012025	75.202	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	6472	4.217	ng	92
3) Pyridine	3.793	79	15149	3.641	ng	# 94
4) n-Nitrosodimethylamine	3.711	42	6632	3.661	ng	# 91
6) Aniline	7.240	93	22356	4.284	ng	# 91
8) 2-Chlorophenol	7.469	128	14438	3.531	ng	99
9) Benzaldehyde	7.058	77	16484	4.378	ng	87
10) Phenol	7.105	94	20363	3.804	ng	92
11) bis(2-Chloroethyl)ether	7.346	93	14143	3.396	ng	90
12) 1,3-Dichlorobenzene	7.799	146	18323	3.662	ng	93
13) 1,4-Dichlorobenzene	7.946	146	19291	3.805	ng	98
14) 1,2-Dichlorobenzene	8.257	146	18332	3.737	ng	91
15) Benzyl Alcohol	8.157	79	15304	3.566	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	14827	3.560	ng	95
17) 2-Methylphenol	8.352	107	13092	3.633	ng	94
18) Hexachloroethane	8.981	117	6804	3.463	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	12538	3.418	ng	93
20) 3+4-Methylphenols	8.681	107	17097	3.476	ng	93
22) Acetophenone	8.740	105	26143	3.913	ng	# 96
24) Nitrobenzene	9.122	77	20657	3.791	ng	98
25) Isophorone	9.646	82	32174	3.414	ng	# 94
26) 2-Nitrophenol	9.828	139	6830	3.287	ng	95
27) 2,4-Dimethylphenol	9.887	122	11585	4.361	ng	93
28) bis(2-Chloroethoxy)met...	10.134	93	19043	3.571	ng	# 96
29) 2,4-Dichlorophenol	10.357	162	14576	3.630	ng	91
30) 1,2,4-Trichlorobenzene	10.575	180	18473	3.752	ng	95
31) Naphthalene	10.757	128	47148	3.666	ng	99
32) Benzoic acid	9.940	122	6851	2.647	ng	# 78
33) 4-Chloroaniline	10.881	127	19020	3.999	ng	97
34) Hexachlorobutadiene	11.040	225	13867	3.800	ng	96
35) Caprolactam	11.651	113	4120	3.624	ng	# 84
36) 4-Chloro-3-methylphenol	11.993	107	14817	3.384	ng	98
37) 2-Methylnaphthalene	12.369	142	31860	3.580	ng	96
38) 1-Methylnaphthalene	12.587	142	31538m	3.606	ng	
40) 1,2,4,5-Tetrachloroben...	12.728	216	22420	3.832	ng	97
41) Hexachlorocyclopentadiene	12.704	237	11863	4.489	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	11613	3.278	ng	97

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

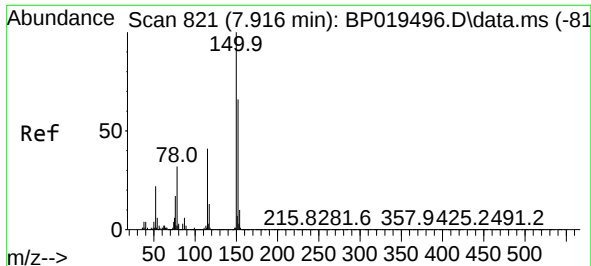
Quant Time: Feb 03 03:20:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	13178	3.388	ng	97
46) 1,1'-Biphenyl	13.381	154	44719	3.694	ng	97
47) 2-Chloronaphthalene	13.416	162	37027	3.726	ng	99
48) 2-Nitroaniline	13.634	65	8802	3.167	ng	95
49) Acenaphthylene	14.263	152	56266	4.035	ng	99
50) Dimethylphthalate	14.010	163	45778	3.942	ng	98
51) 2,6-Dinitrotoluene	14.134	165	8309	3.257	ng	94
52) Acenaphthene	14.604	154	31369	3.625	ng	95
53) 3-Nitroaniline	14.457	138	8645	3.687	ng	88
54) 2,4-Dinitrophenol	14.663	184	4170	3.148	ng	# 74
55) Dibenzofuran	14.939	168	56223	3.989	ng	99
56) 4-Nitrophenol	14.757	139	7406	3.854	ng	97
57) 2,4-Dinitrotoluene	14.916	165	11429	3.418	ng	97
58) Fluorene	15.592	166	43487	3.874	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.163	232	12091	3.695	ng	99
60) Diethylphthalate	15.375	149	45984	3.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	24831	3.935	ng	94
62) 4-Nitroaniline	15.616	138	9558	3.889	ng	91
63) Azobenzene	15.886	77	42365	3.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.669	198	5649	2.683	ng	99
66) n-Nitrosodiphenylamine	15.810	169	37521	3.392	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	14836	3.214	ng	96
68) Hexachlorobenzene	16.586	284	18689	3.467	ng	96
69) Atrazine	16.769	200	15470	4.215	ng	94
70) Pentachlorophenol	16.933	266	10170m	3.029	ng	
71) Phenanthrene	17.339	178	73980	3.807	ng	99
72) Anthracene	17.428	178	73667	3.800	ng	100
73) Carbazole	17.704	167	67747	3.847	ng	96
74) Di-n-butylphthalate	18.269	149	78014	3.663	ng	98
75) Fluoranthene	19.304	202	95710	4.031	ng	99
77) Benzidine	19.498	184	49264	5.355	ng	98
78) Pyrene	19.657	202	103300	3.327	ng	99
80) Butylbenzylphthalate	20.551	149	34981	3.016	ng	98
81) Benzo(a)anthracene	21.369	228	115474	3.728	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	40365	3.576	ng	93
83) Chrysene	21.421	228	107414	3.653	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	57930	3.281	ng	97
85) Di-n-octyl phthalate	22.263	149	95161	3.063	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	135565	3.396	ng	99
88) Benzo(b)fluoranthene	23.063	252	117016	3.561	ng	99
89) Benzo(k)fluoranthene	23.115	252	112796	3.593	ng	99
90) Benzo(a)pyrene	23.692	252	101642	3.476	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	114843	3.498	ng	95
92) Benzo(g,h,i)perylene	27.086	276	109428	3.286	ng	99

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



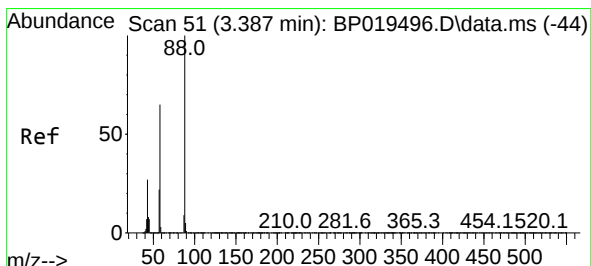
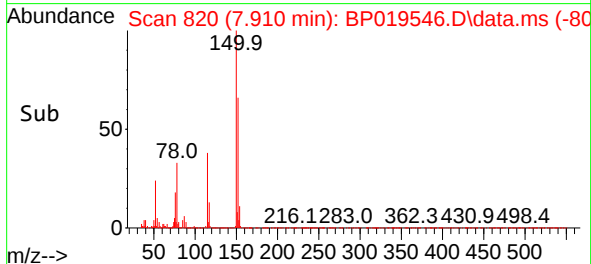
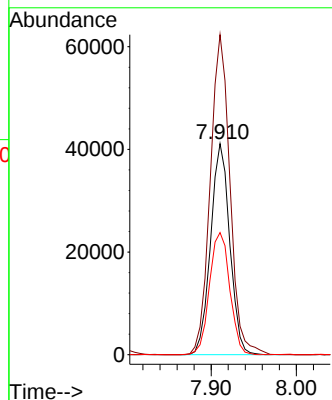
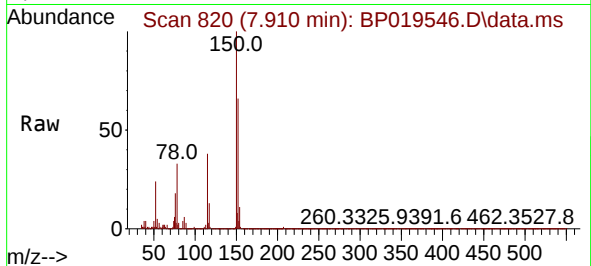
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:152 Resp: 6420
Ion Ratio Lower Upper
152 100
150 151.6 121.8 182.8
115 57.8 49.9 74.9

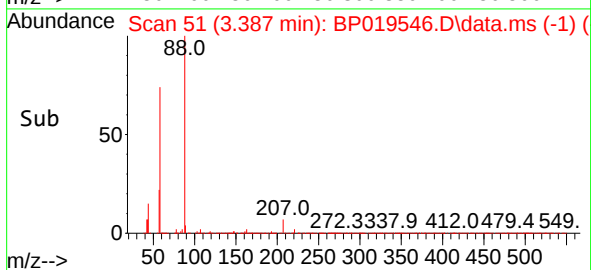
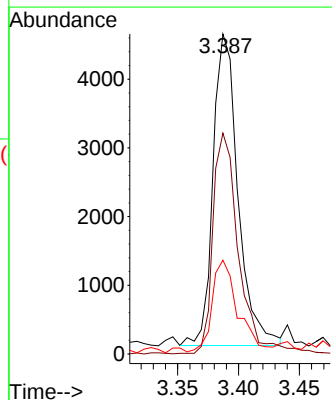
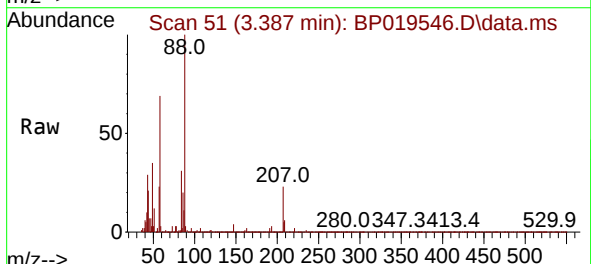
Manual Integrations
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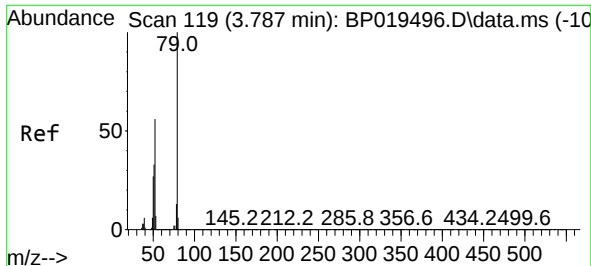
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#2
1,4-Dioxane
Concen: 4.217 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 88 Resp: 6472
Ion Ratio Lower Upper
88 100
58 73.1 52.6 78.8
43 30.4 21.9 32.9





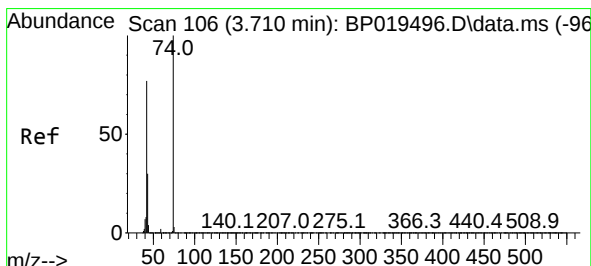
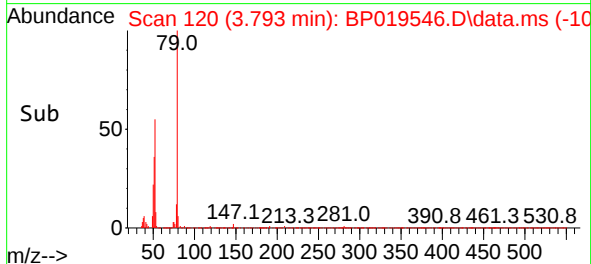
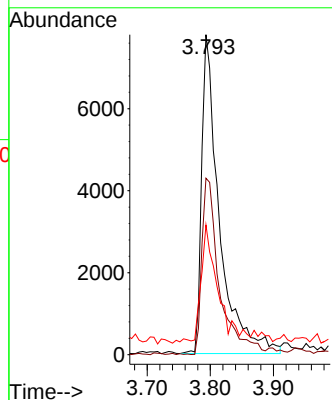
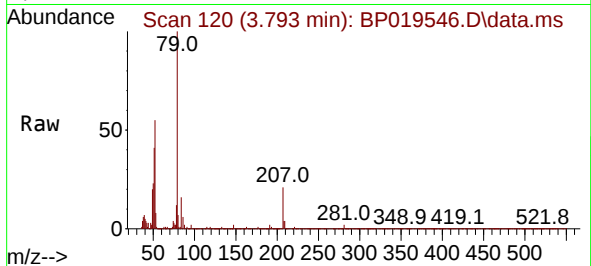
#3
Pyridine
Concen: 3.641 ng
RT: 3.793 min Scan# 119
Delta R.T. 0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion: 79 Resp: 15149
Ion Ratio Lower Upper
79 100
52 55.1 45.0 67.6
51 40.6 26.8 40.2

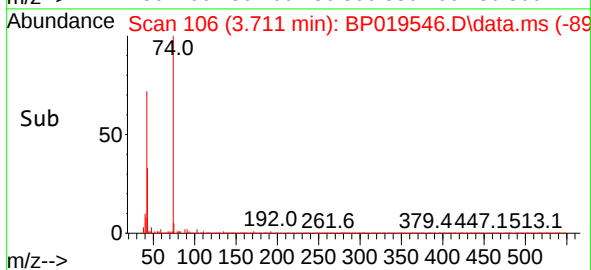
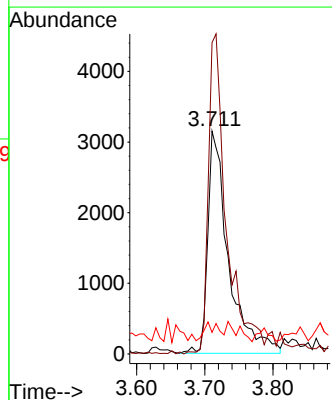
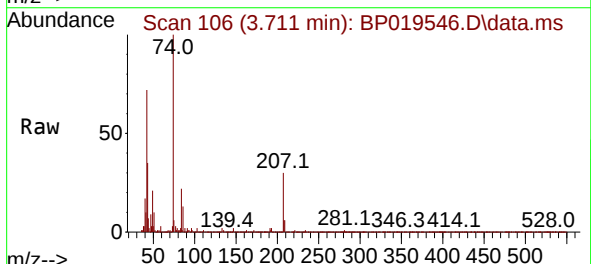
Manual Integrations
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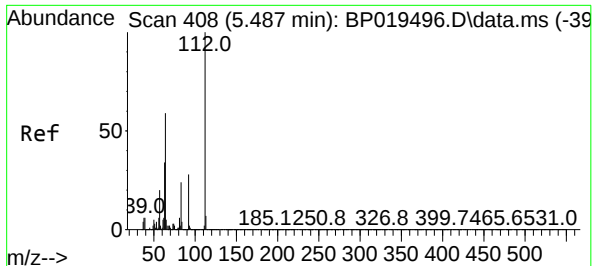
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#4
n-Nitrosodimethylamine
Concen: 3.661 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 42 Resp: 6632
Ion Ratio Lower Upper
42 100
74 139.8 103.4 155.2
44 9.7 4.8 7.2





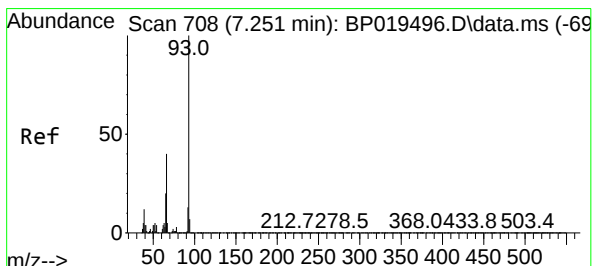
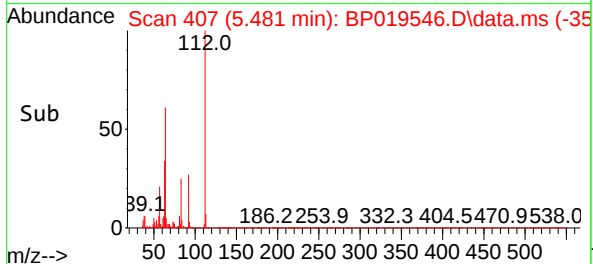
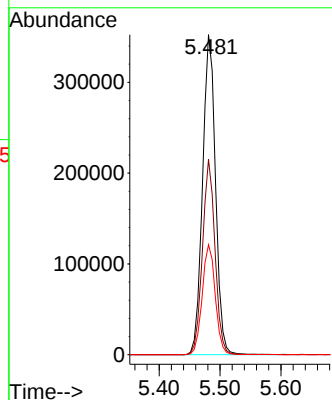
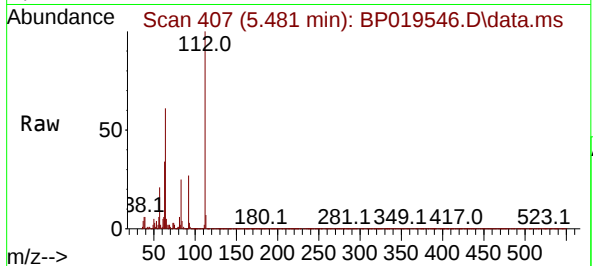
#5
2-Fluorophenol
Concen: 130.918 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:112 Resp: 52146
Ion Ratio Lower Upper
112 100
64 61.0 47.4 71.0
63 34.3 27.0 40.6

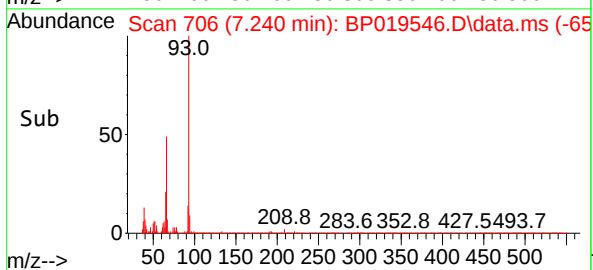
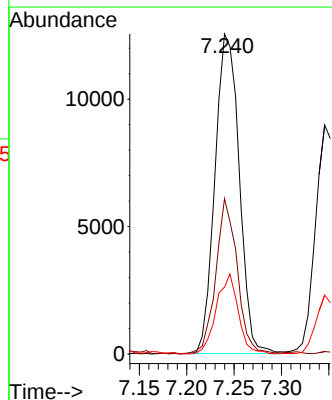
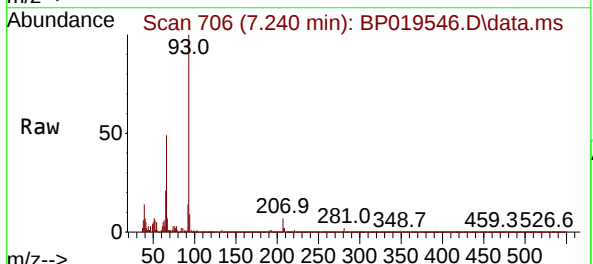
Manual Integrations
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Supervised By :mohammad ahmed 02/06/2024



#6
Aniline
Concen: 4.284 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

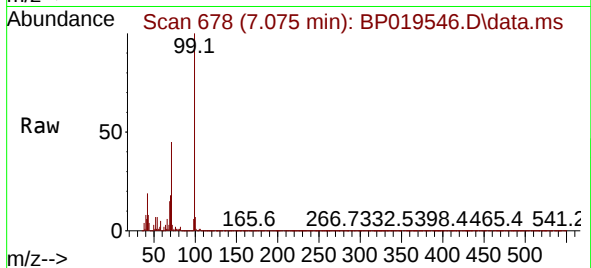
Tgt Ion: 93 Resp: 22356
Ion Ratio Lower Upper
93 100
66 48.5 32.3 48.5
65 20.9 16.4 24.6





#7
Phenol-d6
Concen: 123.740 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

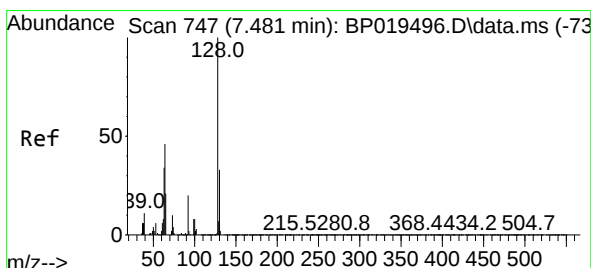
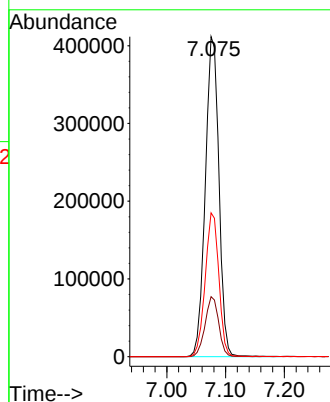
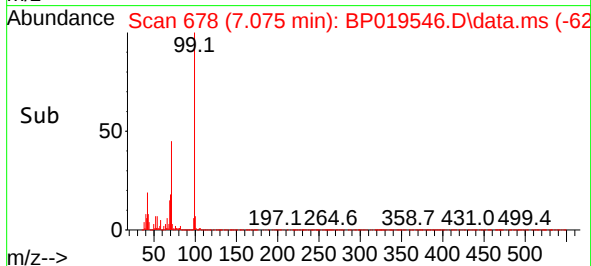
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 99 Resp: 66457
Ion Ratio Lower Upper
99 100
42 18.7 14.7 22.1
71 44.9 34.8 52.2

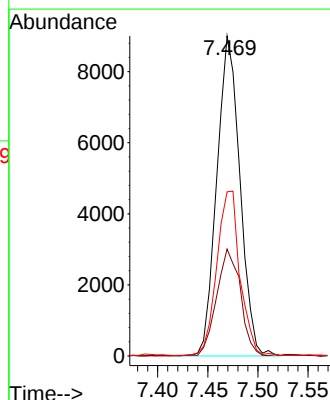
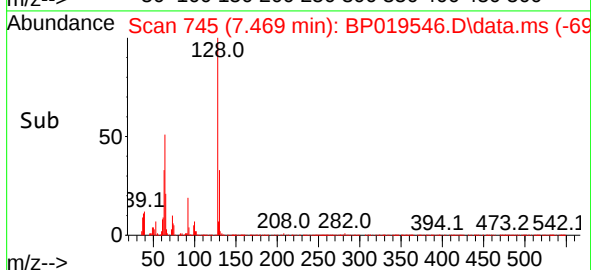
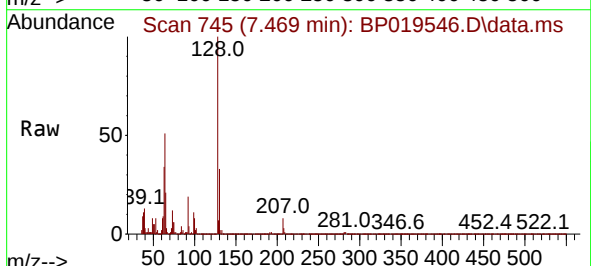
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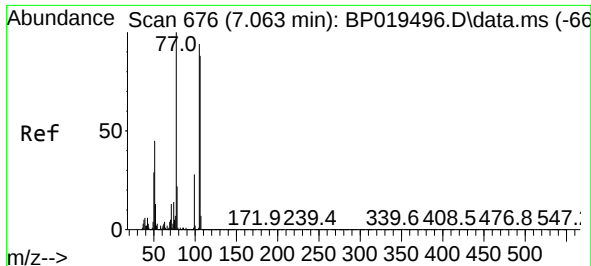
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#8
2-Chlorophenol
Concen: 3.531 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

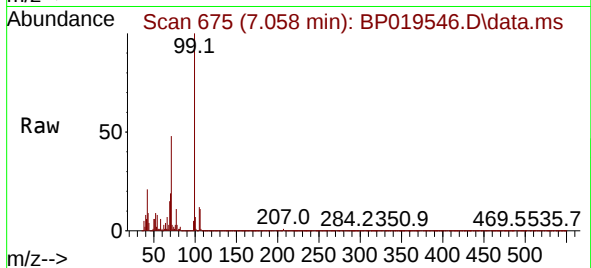
Tgt Ion:128 Resp: 14438
Ion Ratio Lower Upper
128 100
130 33.4 13.3 53.3
64 51.3 29.7 69.7





#9
Benzaldehyde
Concen: 4.378 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

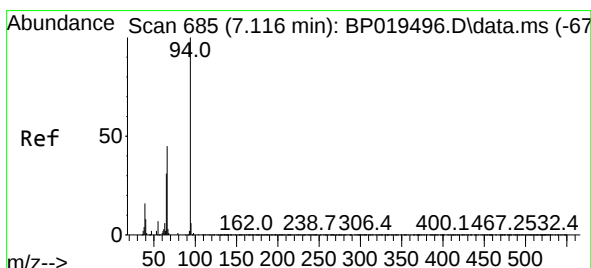
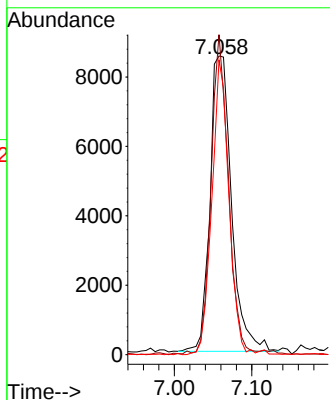
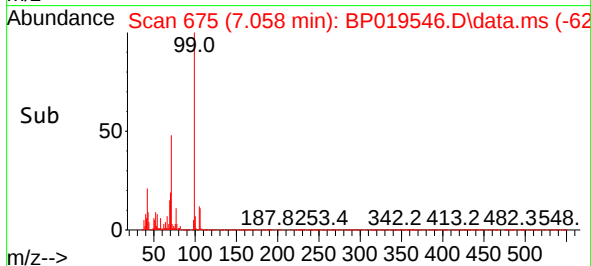
Instrument :
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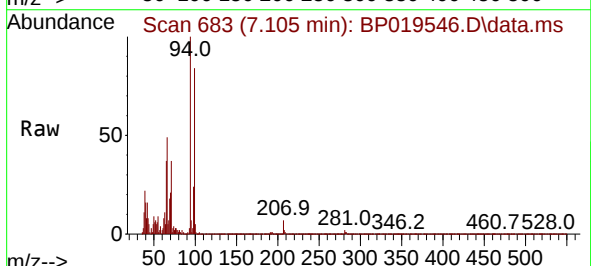
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Ion Ratio Lower Upper
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106 98.7 67.8 107.8

Manual Integrations
APPROVED

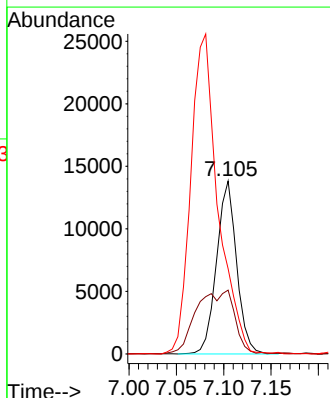
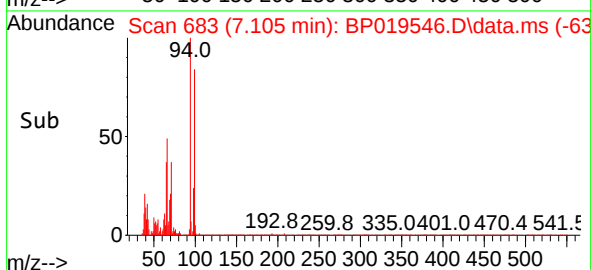
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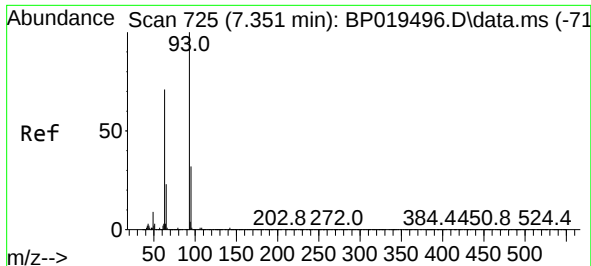


#10
Phenol
Concen: 3.804 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



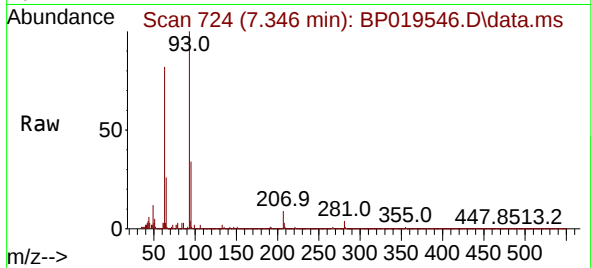
Tgt Ion: 94 Resp: 20363
Ion Ratio Lower Upper
94 100
65 36.9 11.3 51.3
66 49.3 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 3.396 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

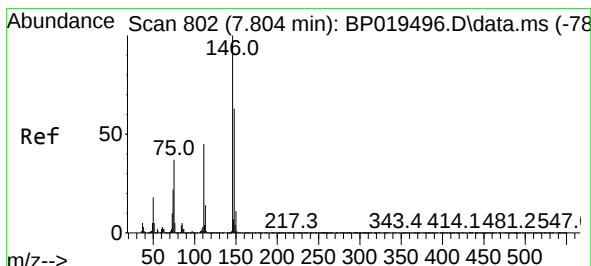
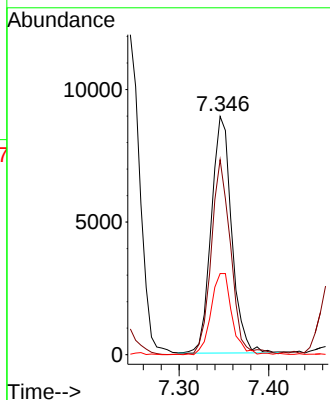
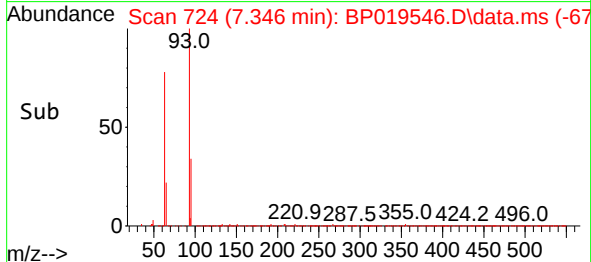
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



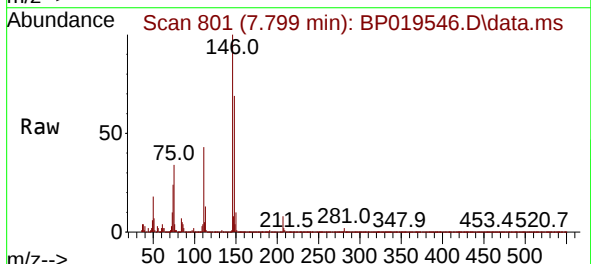
Tgt Ion: 93 Resp: 1414
Ion Ratio Lower Upper
93 100
63 81.8 51.2 91.2
95 34.0 11.8 51.8

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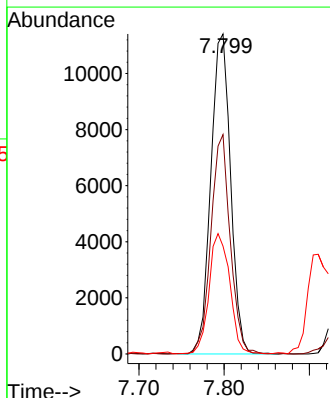
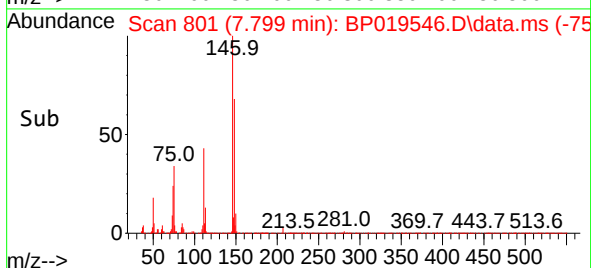
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

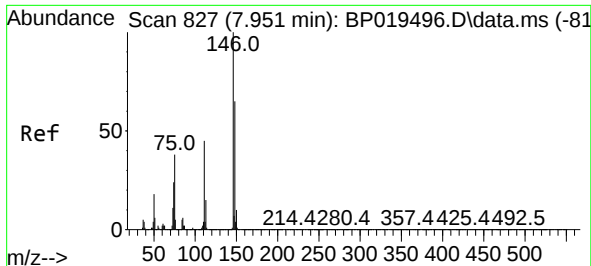


#12
1,3-Dichlorobenzene
Concen: 3.662 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



Tgt Ion:146 Resp: 18323
Ion Ratio Lower Upper
146 100
148 68.5 50.4 75.6
75 33.7 29.9 44.9





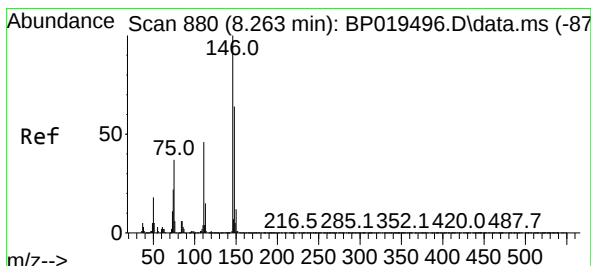
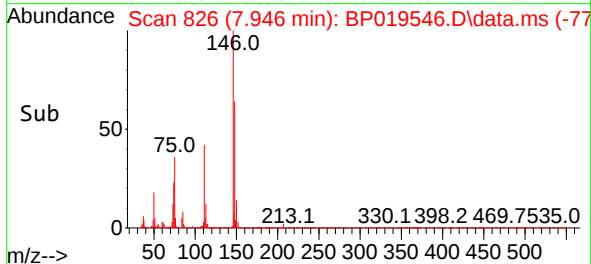
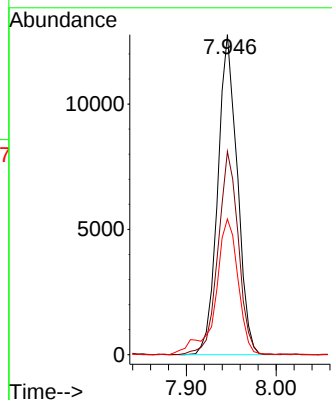
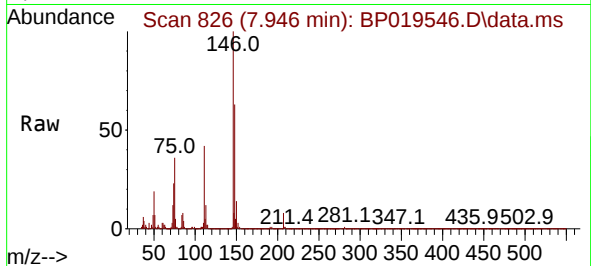
#13
1,4-Dichlorobenzene
Concen: 3.805 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:146 Resp: 1929
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
111 42.4 35.8 53.6

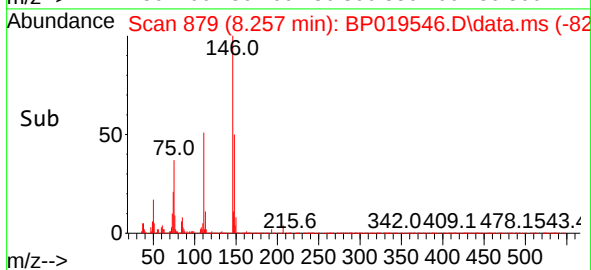
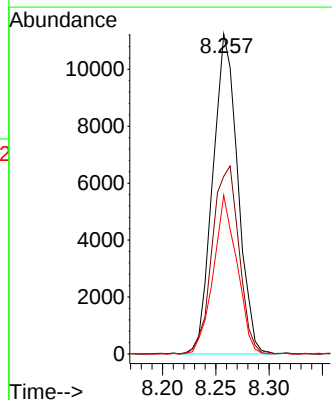
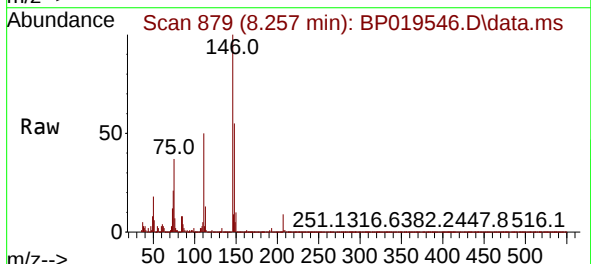
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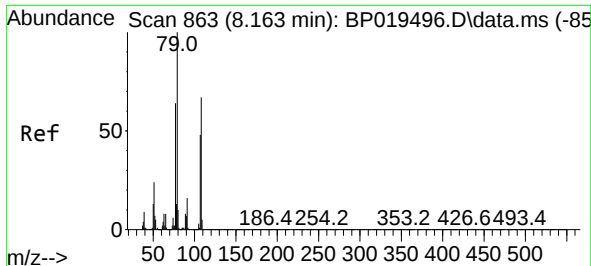
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#14
1,2-Dichlorobenzene
Concen: 3.737 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:146 Resp: 18332
Ion Ratio Lower Upper
146 100
148 55.5 51.4 77.0
111 49.5 37.0 55.6





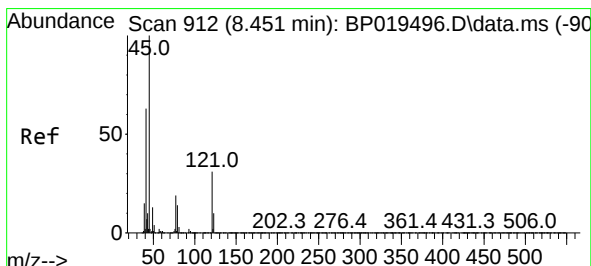
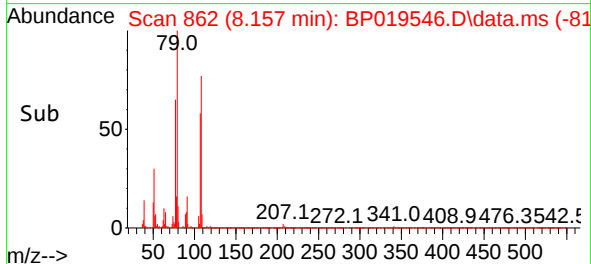
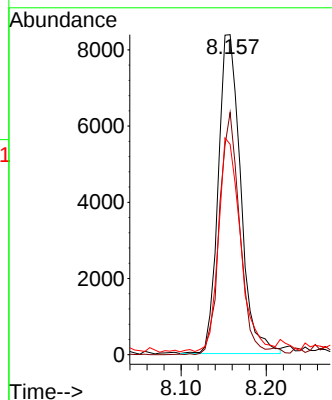
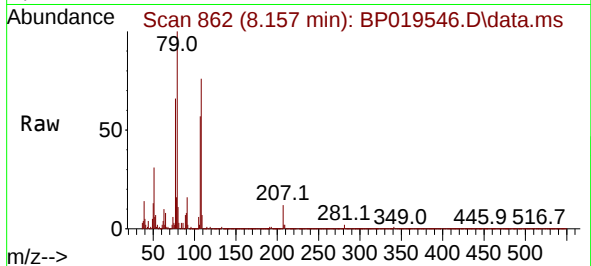
#15
Benzyl Alcohol
Concen: 3.566 ng
RT: 8.157 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion: 79 Resp: 15304
Ion Ratio Lower Upper
79 100
108 75.7 53.8 80.6
77 65.8 51.3 76.9

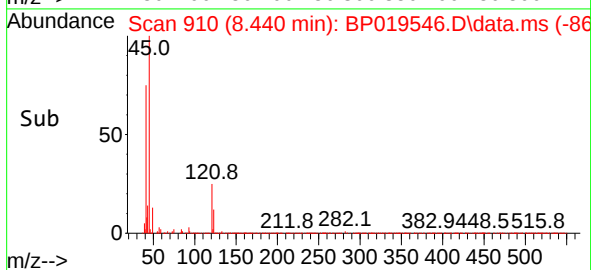
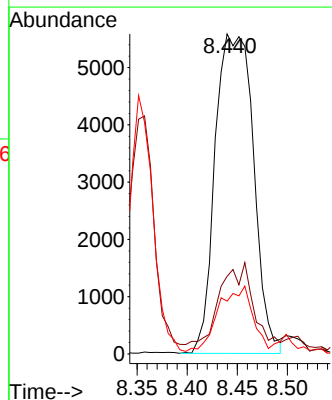
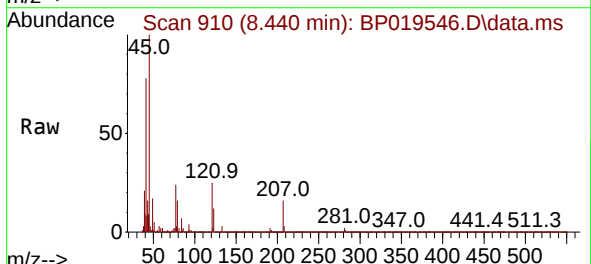
Manual Integrations
APPROVED

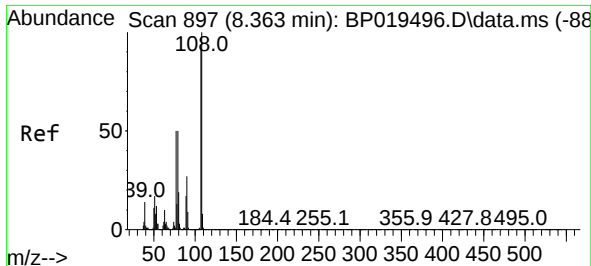
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.560 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 45 Resp: 14827
Ion Ratio Lower Upper
45 100
77 24.2 0.8 40.8
79 16.5 0.0 35.5





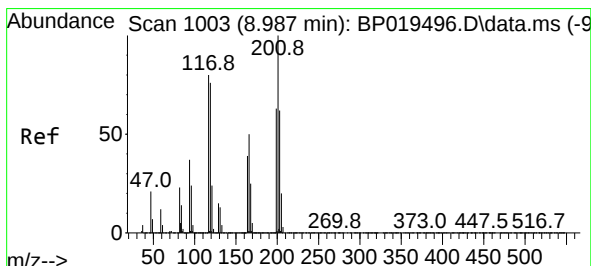
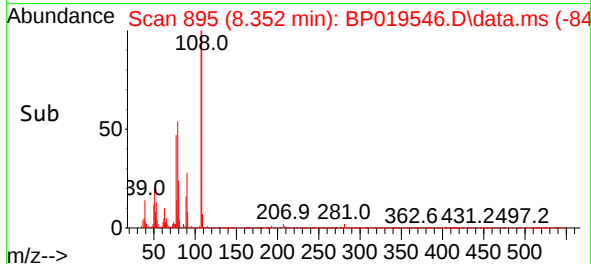
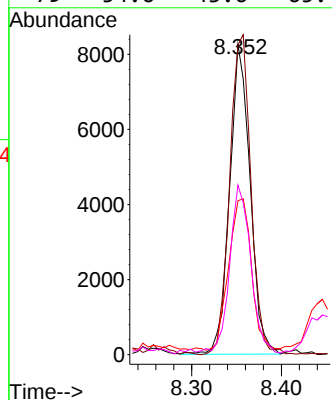
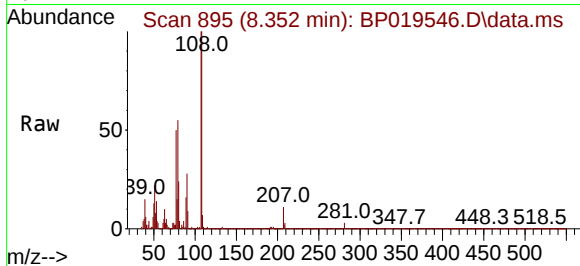
#17
2-Methylphenol
Concen: 3.633 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:	107	Resp:	1309
Ion Ratio	Lower	Upper	
107	100		
108	99.9	87.0	130.6
77	49.6	43.5	65.3
79	54.6	43.6	65.4

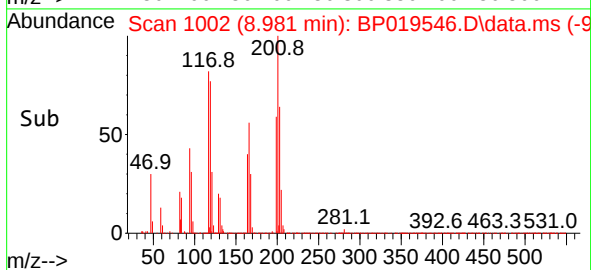
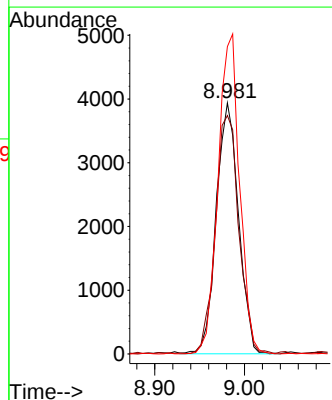
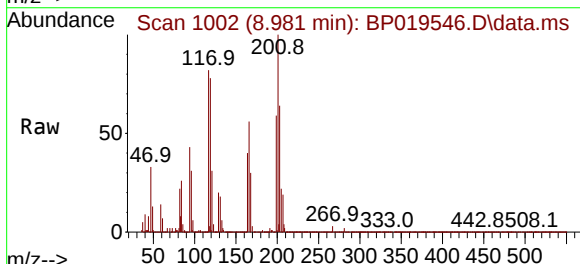
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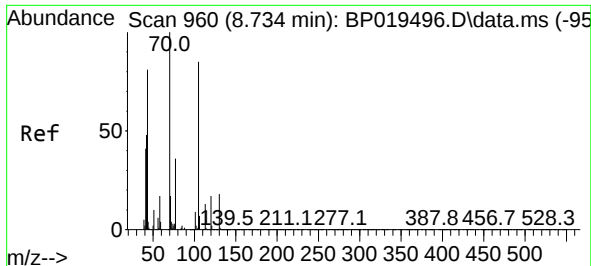
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#18
Hexachloroethane
Concen: 3.463 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	117	Resp:	6804
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.5	113.3
201	122.5	99.4	149.2





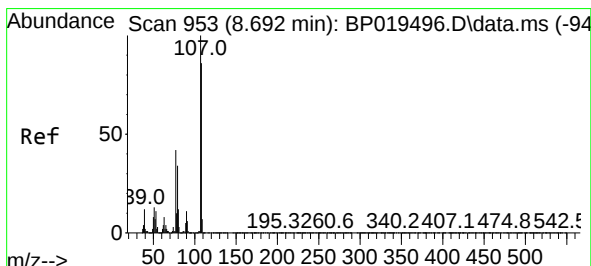
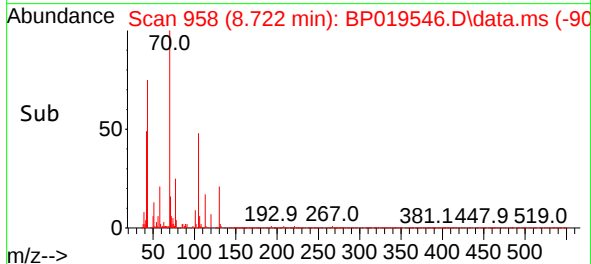
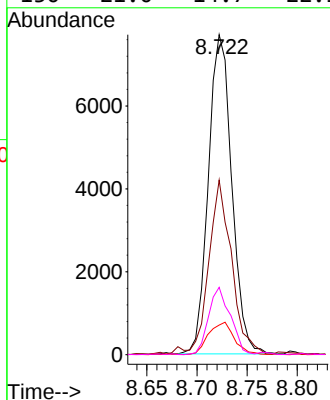
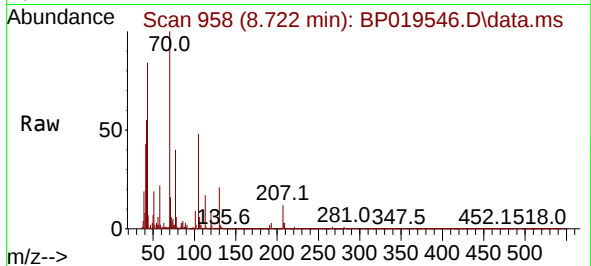
#19
n-Nitroso-di-n-propylamine
Concen: 3.418 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:	70	Resp:	1253
Ion	Ratio	Lower	Upper
70	100		
42	54.5	39.2	58.8
101	9.2	7.3	10.9
130	21.0	14.7	22.1

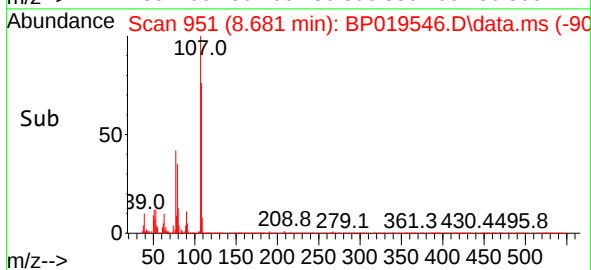
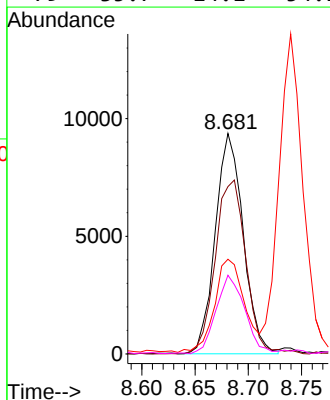
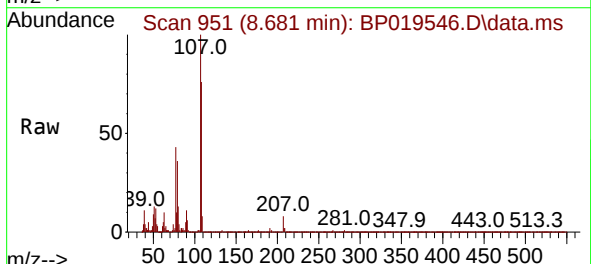
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#20
3+4-Methylphenols
Concen: 3.476 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	107	Resp:	17097
Ion	Ratio	Lower	Upper
107	100		
108	75.9	65.5	105.5
77	43.0	21.8	61.8
79	35.7	14.1	54.1





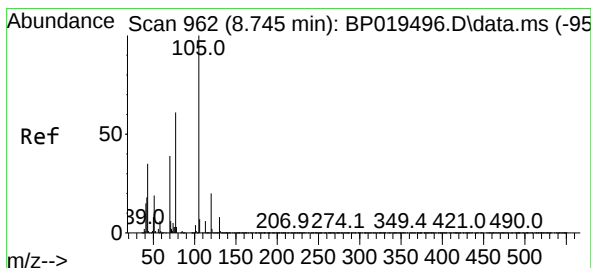
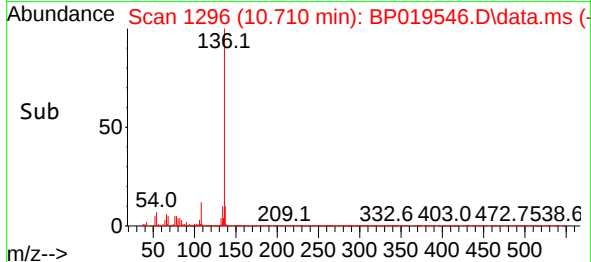
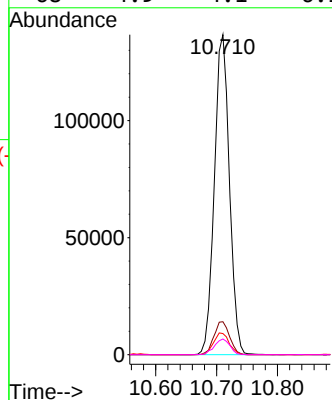
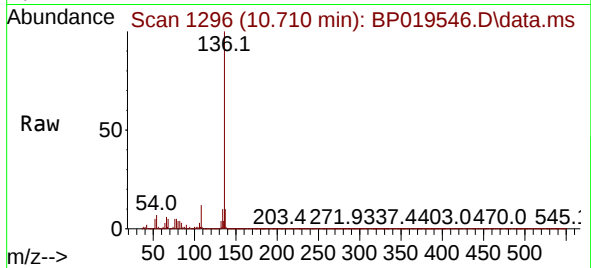
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:	136	Resp:	23450
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.8	13.2
54	6.6	5.3	7.9
68	4.9	4.1	6.1

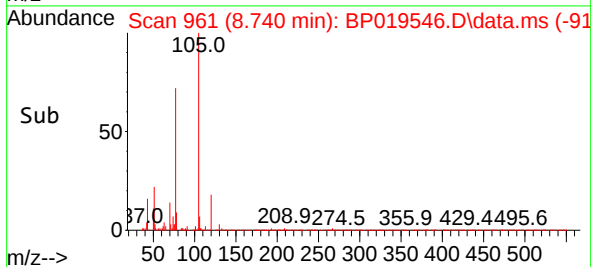
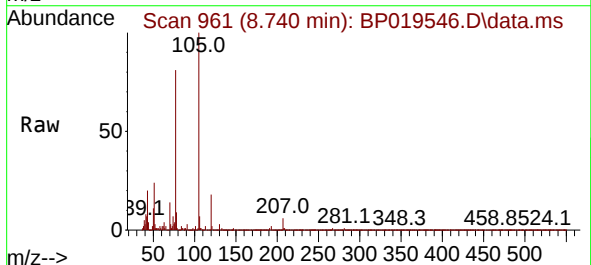
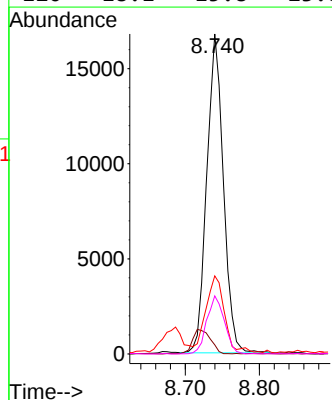
Manual Integrations
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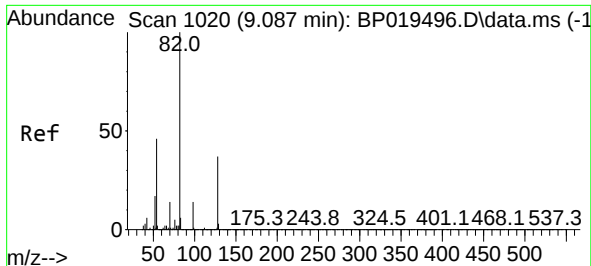
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Acetophenone
Concen: 3.913 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	105	Resp:	26143
Ion Ratio	Lower	Upper	
105	100		
71	2.9	4.9	7.3
51	24.4	20.7	31.1
120	18.1	15.8	23.8





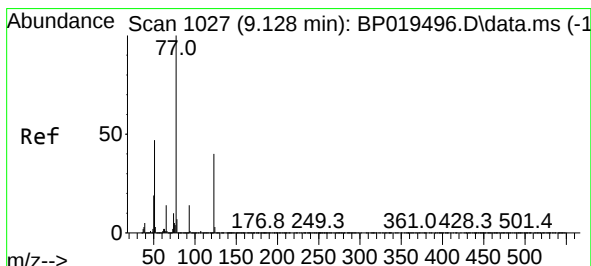
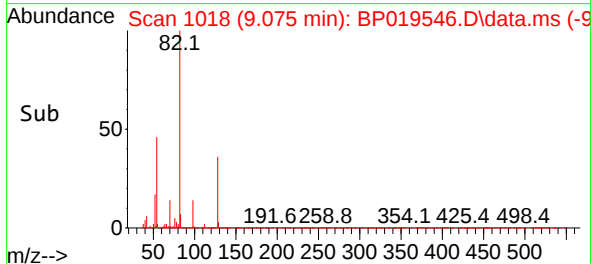
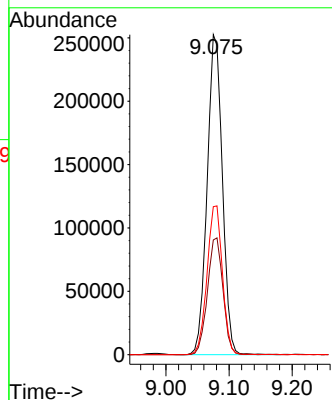
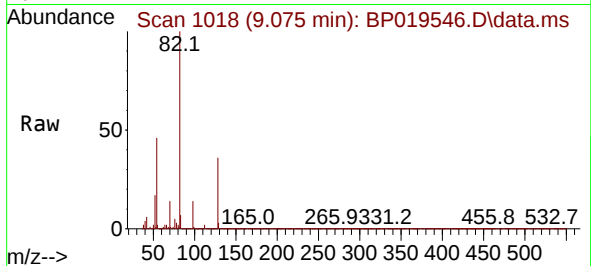
#23
Nitrobenzene-d5
Concen: 78.186 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion: 82 Resp: 423125
Ion Ratio Lower Upper
82 100
128 35.8 29.7 44.5
54 46.3 36.8 55.2

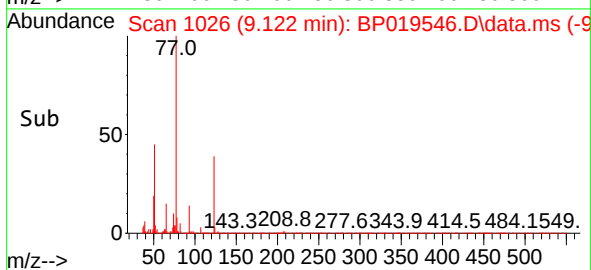
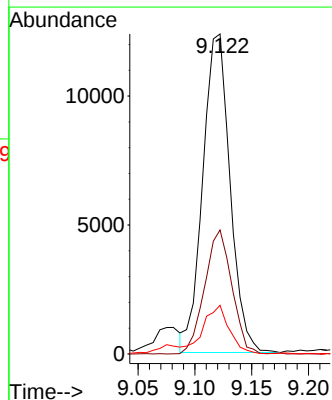
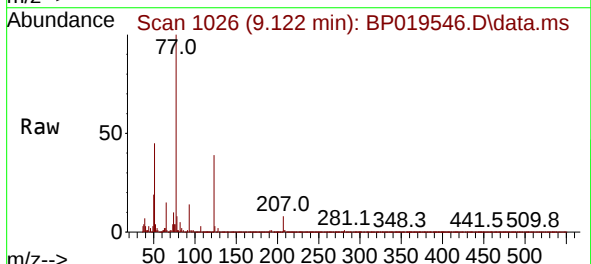
Manual Integrations
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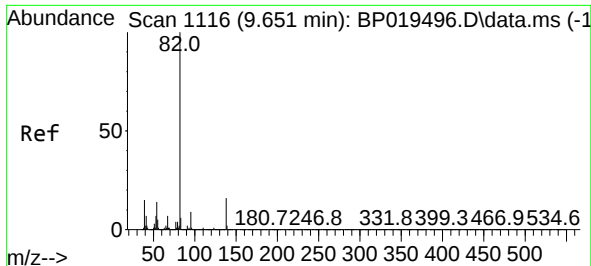
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Nitrobenzene
Concen: 3.791 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 77 Resp: 20657
Ion Ratio Lower Upper
77 100
123 38.8 32.3 48.5
65 15.2 11.6 17.4





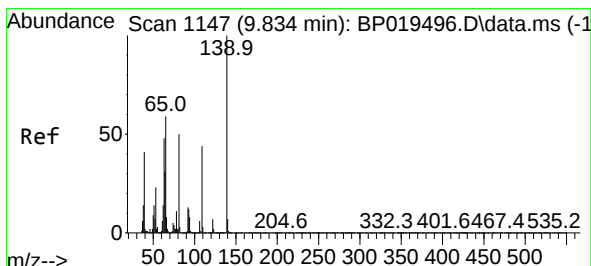
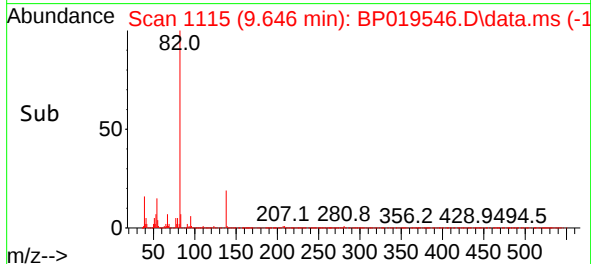
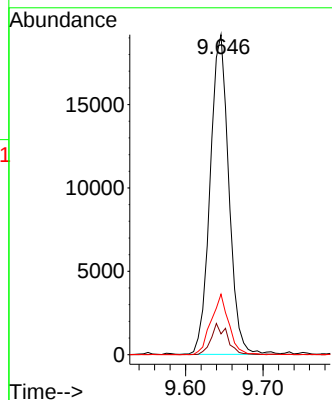
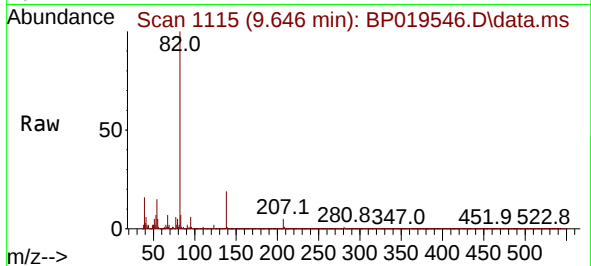
#25
Isophorone
Concen: 3.414 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion: 82 Resp: 32174
Ion Ratio Lower Upper
82 100
95 6.5 7.0 10.4
138 18.9 13.1 19.7

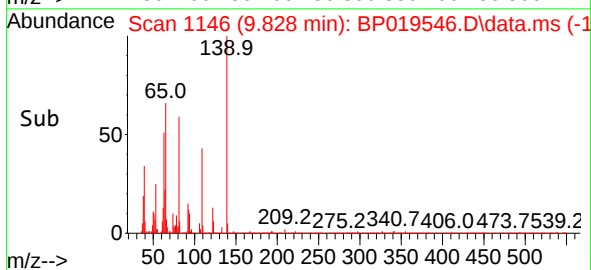
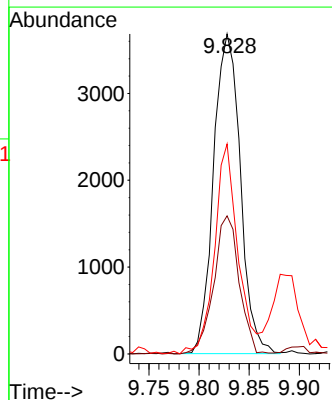
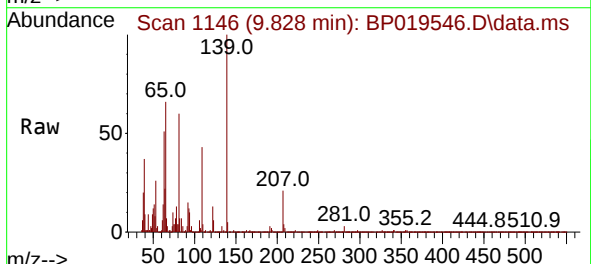
Manual Integrations
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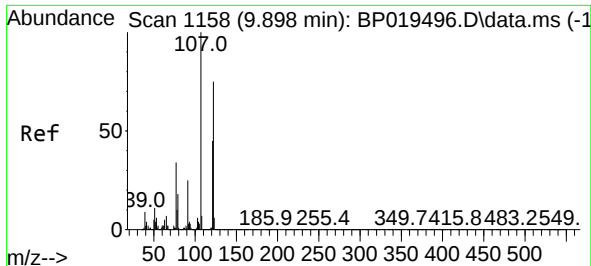
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#26
2-Nitrophenol
Concen: 3.287 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

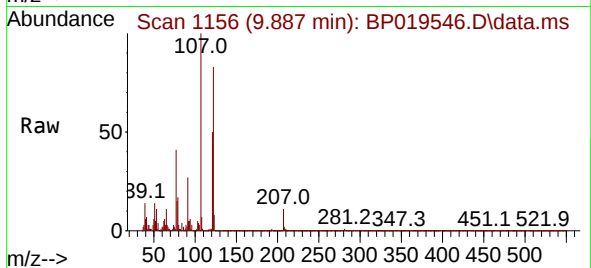
Tgt Ion:139 Resp: 6830
Ion Ratio Lower Upper
139 100
109 43.1 34.9 52.3
65 65.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 4.361 ng
RT: 9.887 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

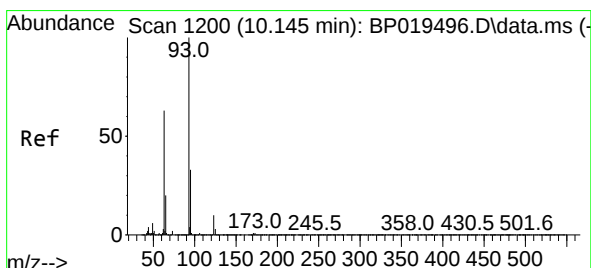
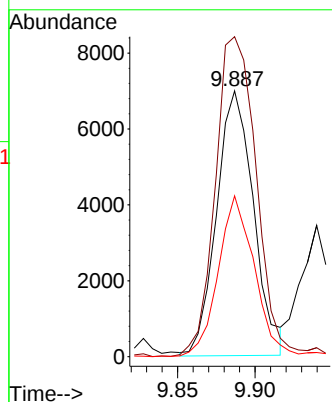
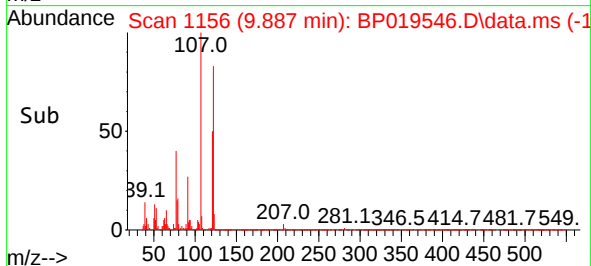
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



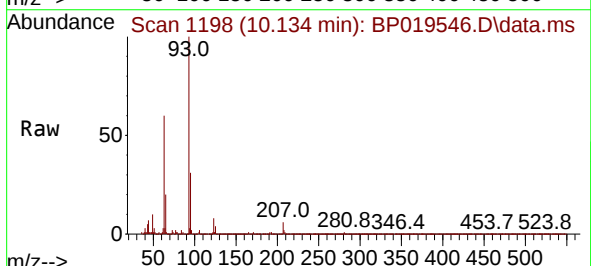
Tgt Ion:122 Resp: 1158
Ion Ratio Lower Upper
122 100
107 120.4 105.9 158.9
121 60.5 47.5 71.3

Manual Integrations
APPROVED

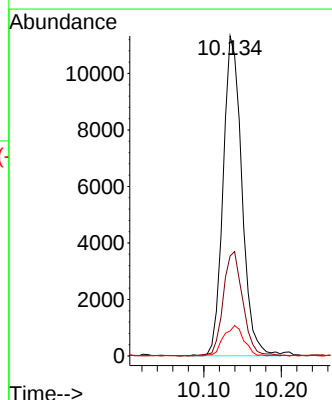
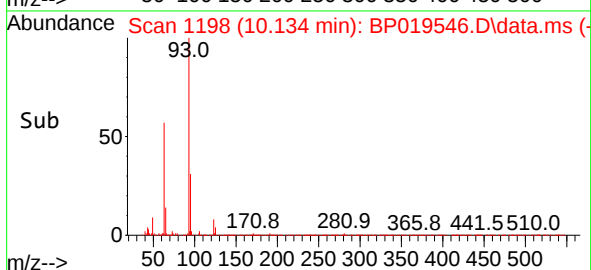
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

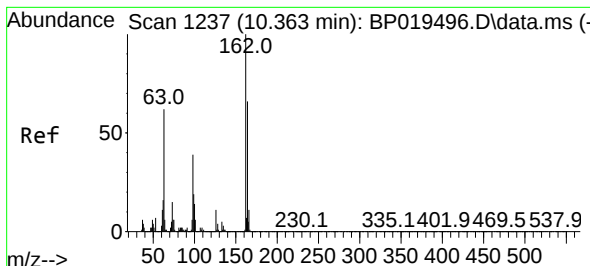


#28
bis(2-Chloroethoxy)methane
Concen: 3.571 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



Tgt Ion: 93 Resp: 19043
Ion Ratio Lower Upper
93 100
95 31.3 26.2 39.4
123 7.9 8.5 12.7#





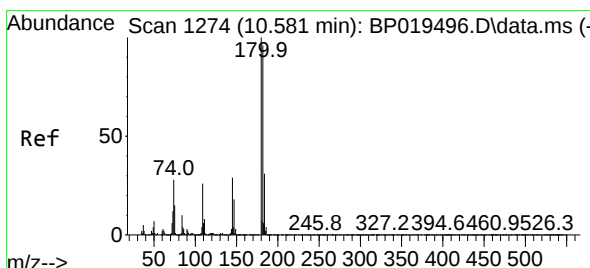
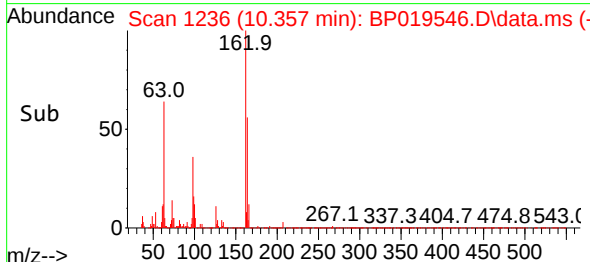
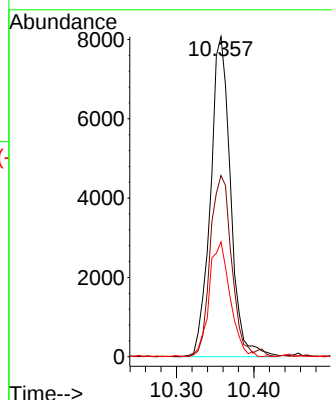
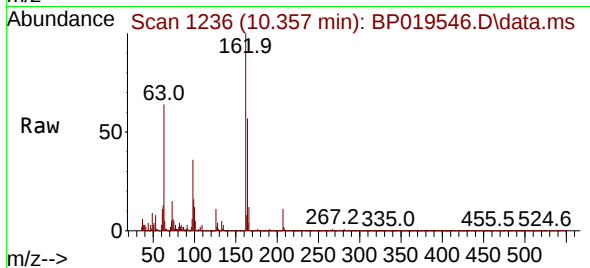
#29
2,4-Dichlorophenol
Concen: 3.630 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:162 Resp: 14570
Ion Ratio Lower Upper
162 100
164 56.6 46.0 86.0
98 35.8 18.7 58.7

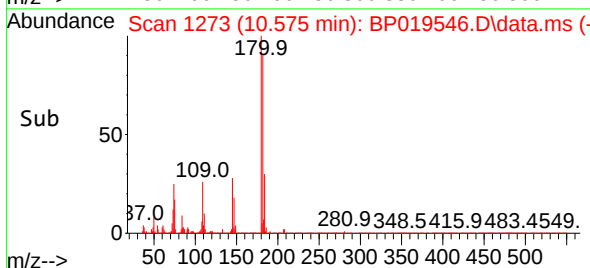
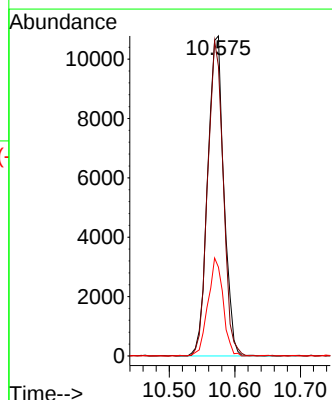
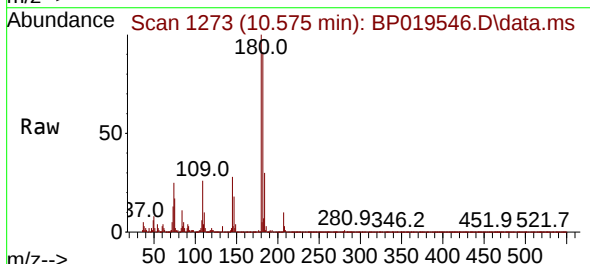
Manual Integrations
APPROVED

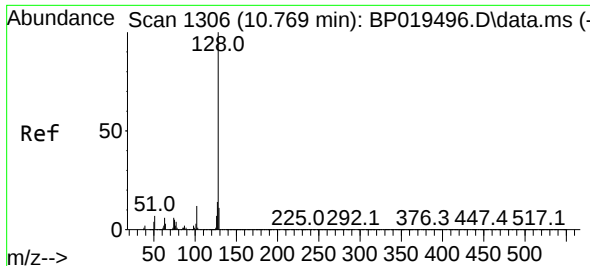
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.752 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

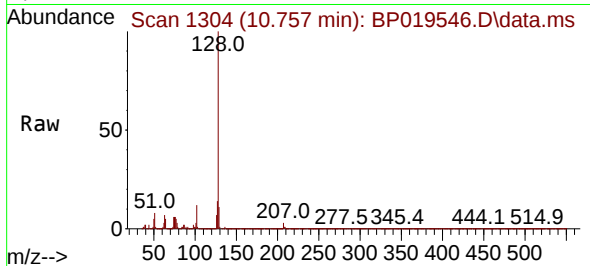
Tgt Ion:180 Resp: 18473
Ion Ratio Lower Upper
180 100
182 90.5 77.0 115.6
145 27.8 23.2 34.8





#31
Naphthalene
Concen: 3.666 ng
RT: 10.757 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

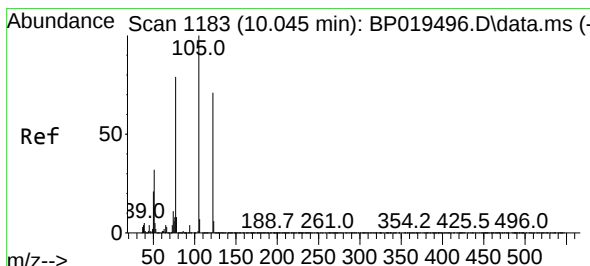
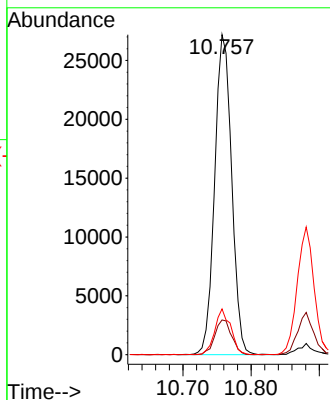
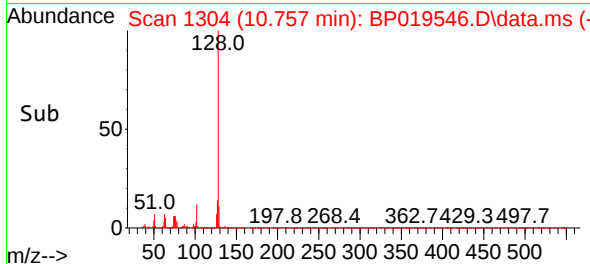
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:128 Resp: 47148
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 14.3 10.8 16.2

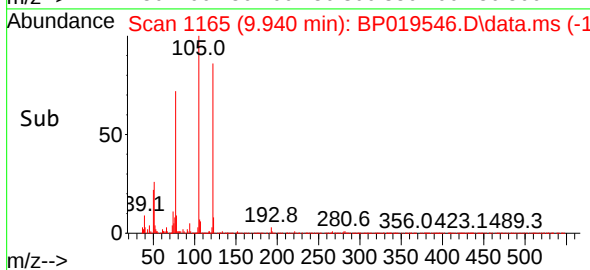
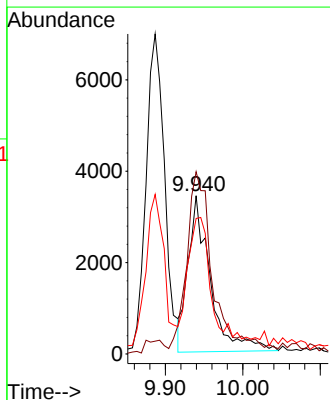
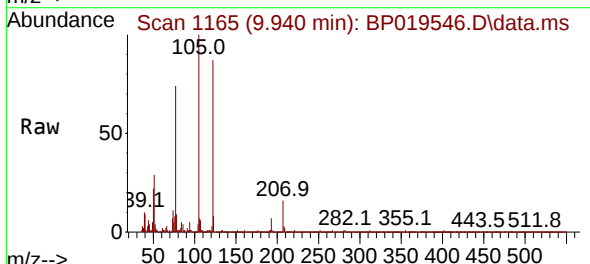
Manual Integrations
APPROVED

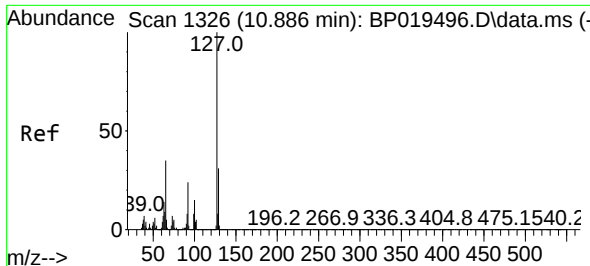
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#32
Benzoic acid
Concen: 2.647 ng
RT: 9.940 min Scan# 1165
Delta R.T. -0.106 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

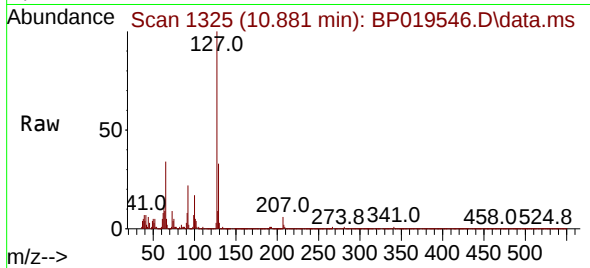
Tgt Ion:122 Resp: 6851
Ion Ratio Lower Upper
122 100
105 115.3 118.8 158.8#
77 85.7 91.7 131.7#





#33
4-Chloroaniline
Concen: 3.999 ng
RT: 10.881 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

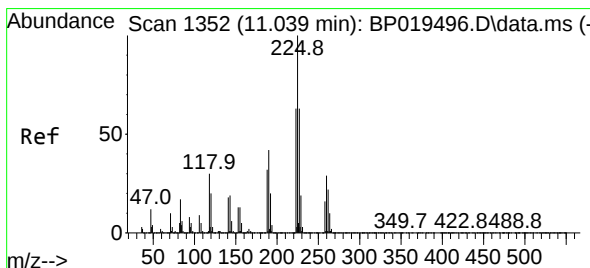
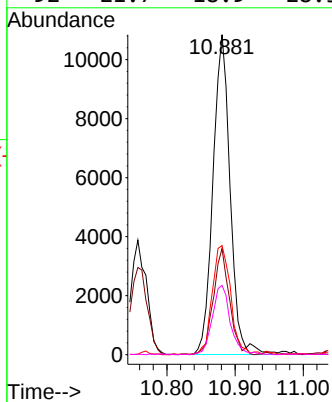
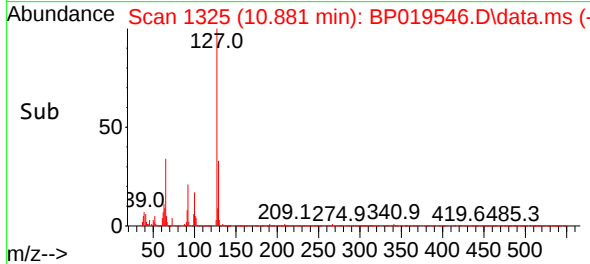
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.6	36.8
65	34.1	28.2	42.4
92	21.7	18.9	28.3

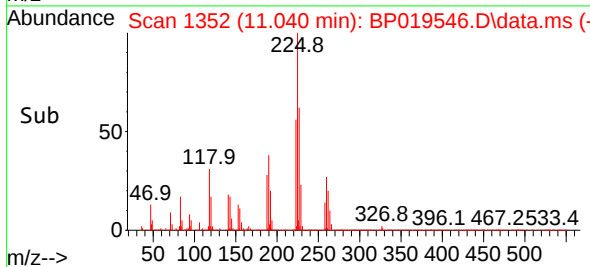
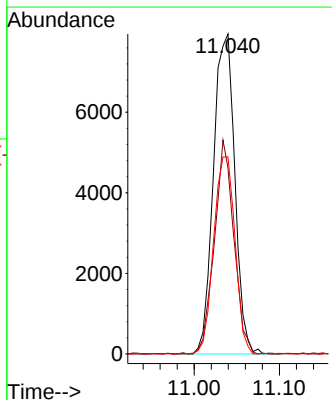
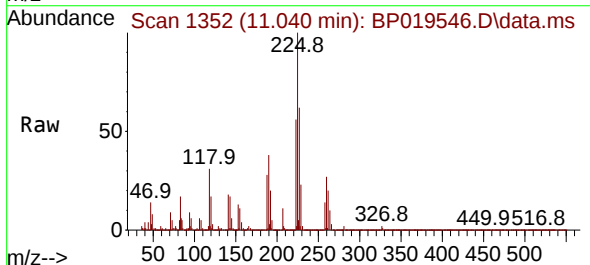
Manual Integrations
APPROVED

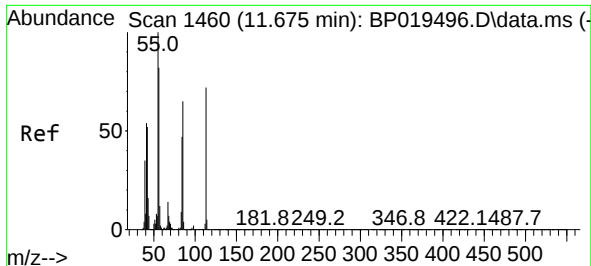
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#34
Hexachlorobutadiene
Concen: 3.800 ng
RT: 11.040 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

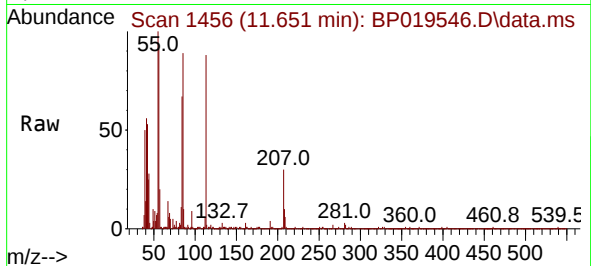
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	50.5	75.7
227	61.6	50.2	75.2





#35
Caprolactam
Concen: 3.624 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.023 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

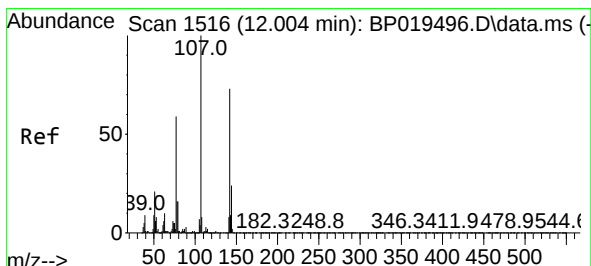
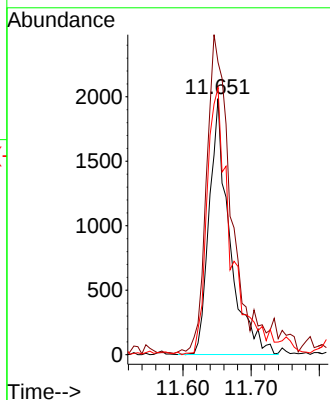
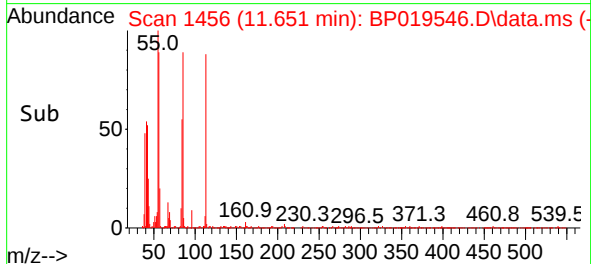
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



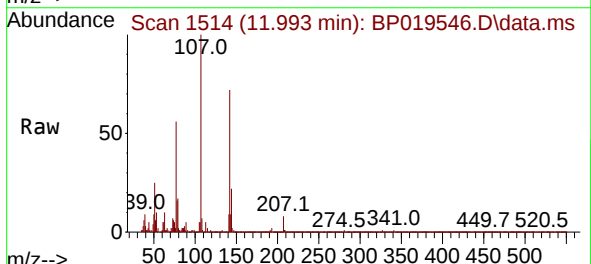
Tgt Ion:113 Resp: 4120
Ion Ratio Lower Upper
113 100
55 114.1 120.0 160.0
56 104.2 94.0 134.0

Manual Integrations
APPROVED

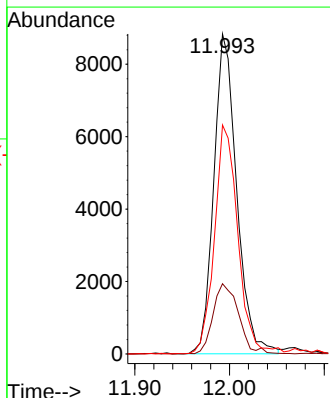
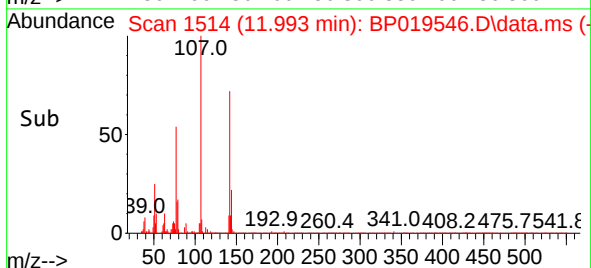
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

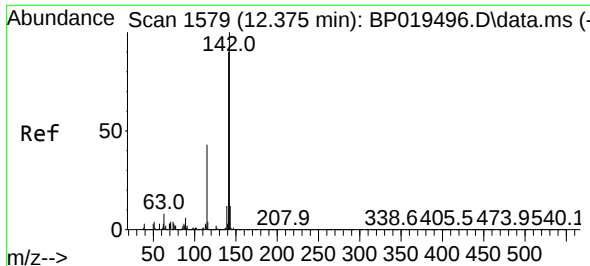


#36
4-Chloro-3-methylphenol
Concen: 3.384 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



Tgt Ion:107 Resp: 14817
Ion Ratio Lower Upper
107 100
144 21.9 19.0 28.4
142 71.5 58.6 88.0





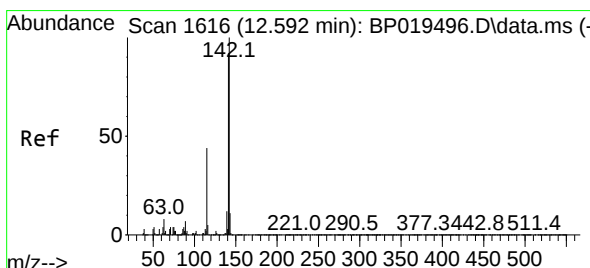
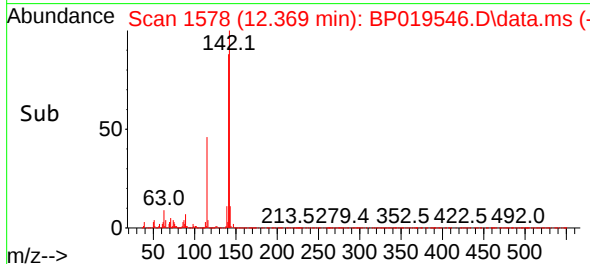
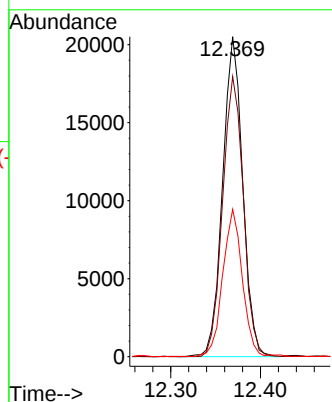
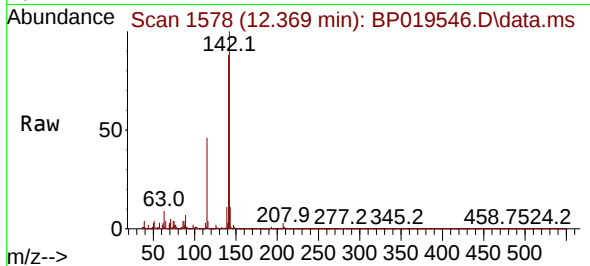
#37
2-Methylnaphthalene
Concen: 3.580 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:142 Resp: 31860
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 46.0 34.2 51.2

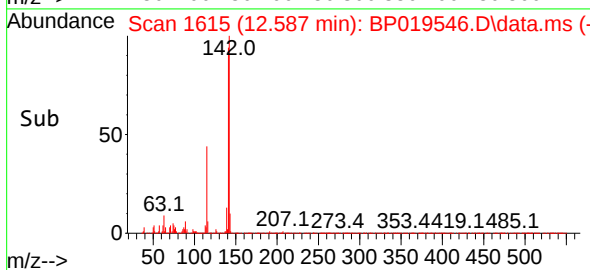
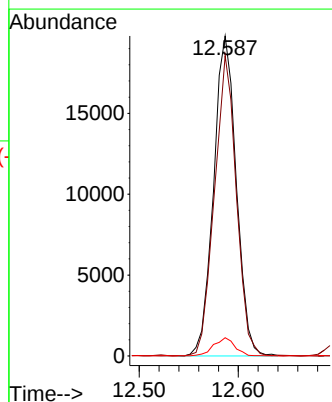
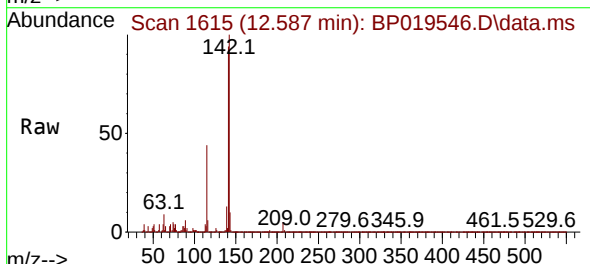
Manual Integrations
APPROVED

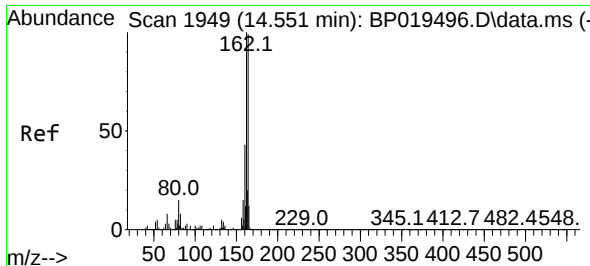
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#38
1-Methylnaphthalene
Concen: 3.606 ng m
RT: 12.587 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

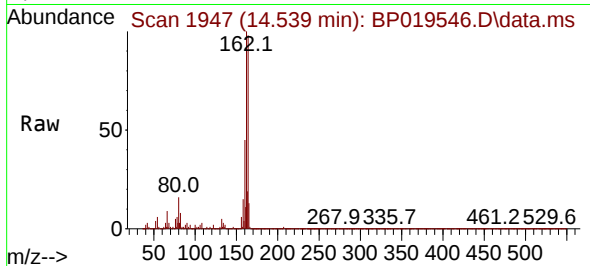
Tgt Ion:142 Resp: 31538
Ion Ratio Lower Upper
142 100
141 93.9 74.0 111.0
116 5.7 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

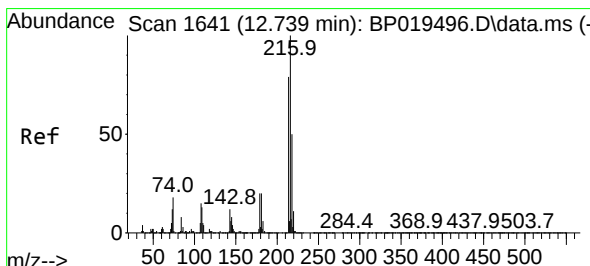
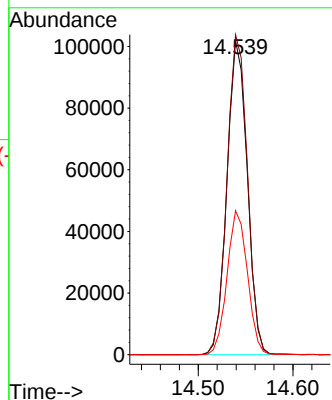
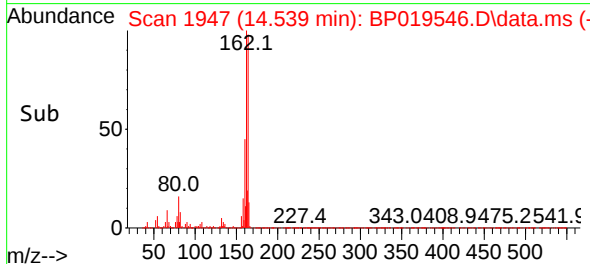
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



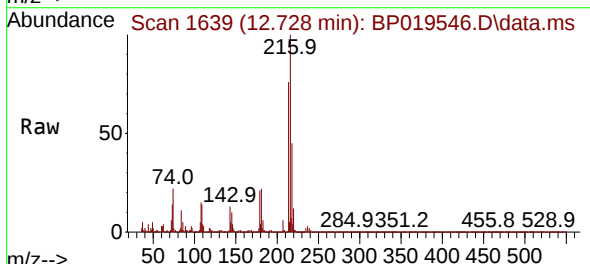
Tgt Ion:164 Resp: 15169
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 45.8 35.1 52.7

Manual Integrations
APPROVED

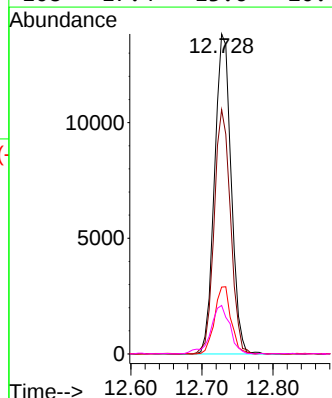
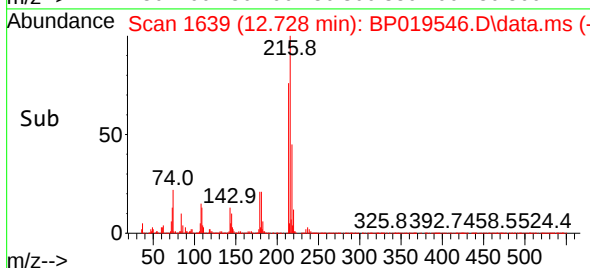
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.832 ng
RT: 12.728 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



Tgt Ion:216 Resp: 22420
Ion Ratio Lower Upper
216 100
214 75.1 62.8 94.2
179 20.8 16.6 24.8
108 17.4 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 4.489 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

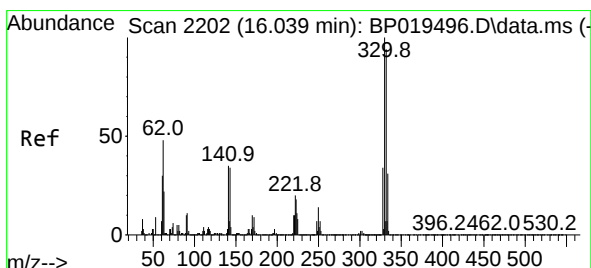
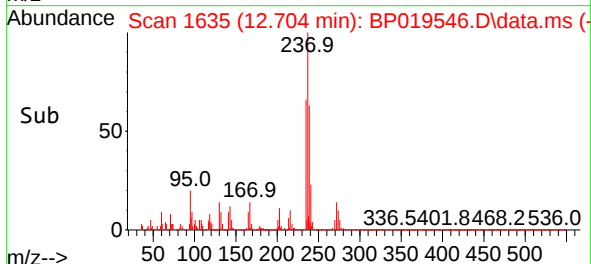
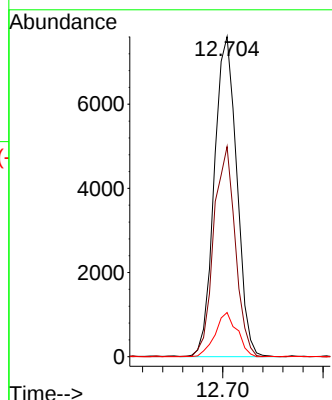
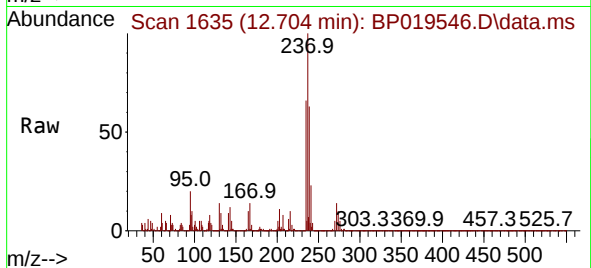
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 237	Resp: 1186
Ion Ratio	Lower Upper
237 100	
235 65.6	43.7 83.7
272 13.8	0.0 32.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#42

2,4,6-Tribromophenol

Concen: 150.025 ng

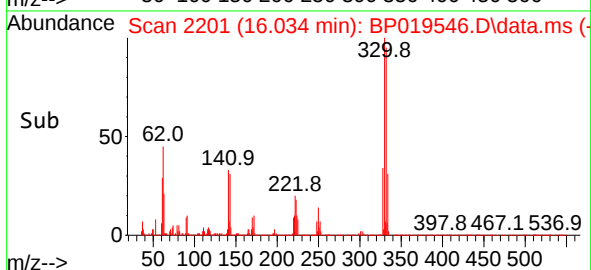
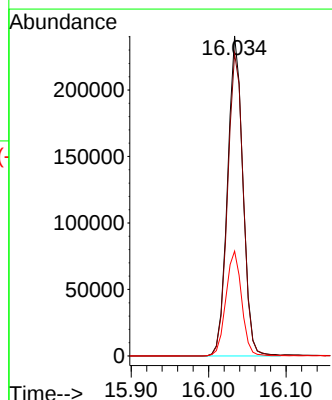
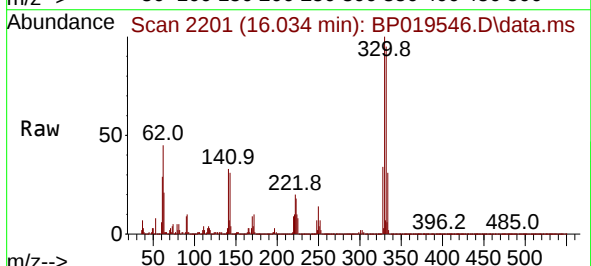
RT: 16.034 min Scan# 2201

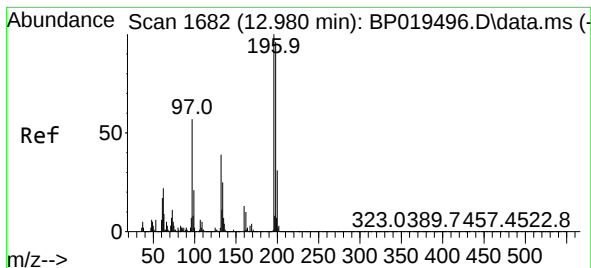
Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion: 330	Resp: 332274
Ion Ratio	Lower Upper
330 100	
332 96.6	77.2 115.8
141 33.6	27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 3.278 ng

RT: 12.975 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:196 Resp: 1161

Ion Ratio Lower Upper

196 100

198 98.7 76.7 115.1

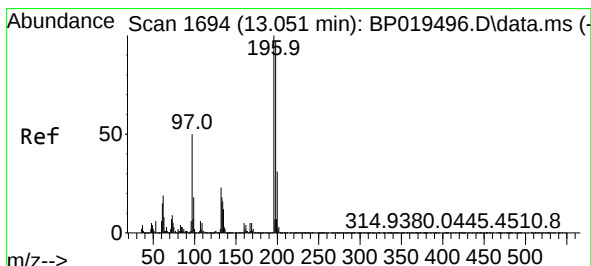
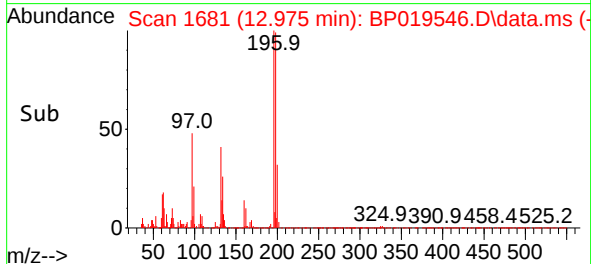
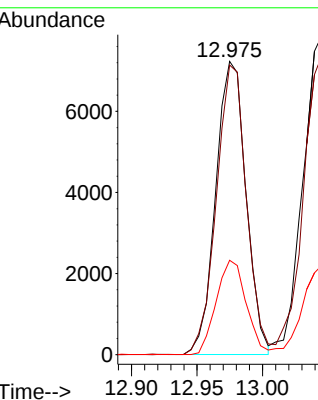
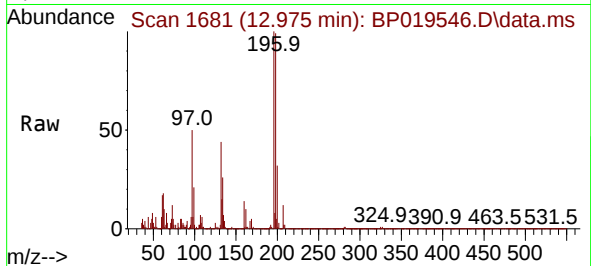
200 33.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#44

2,4,5-Trichlorophenol

Concen: 3.388 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:196 Resp: 13178

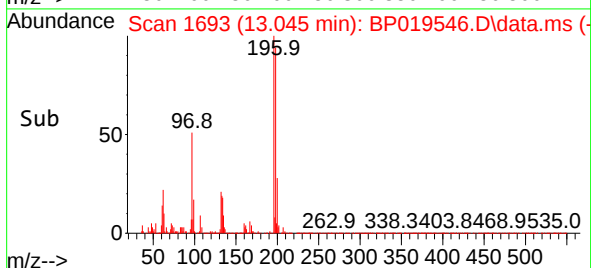
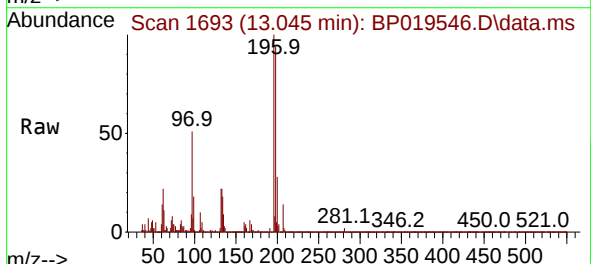
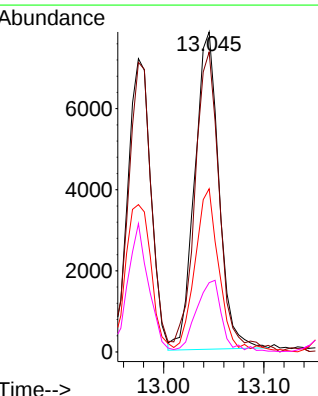
Ion Ratio Lower Upper

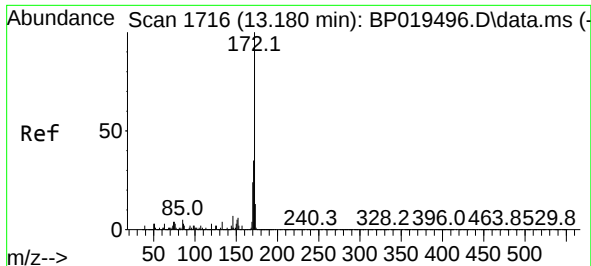
196 100

198 93.8 77.5 116.3

97 51.0 39.9 59.9

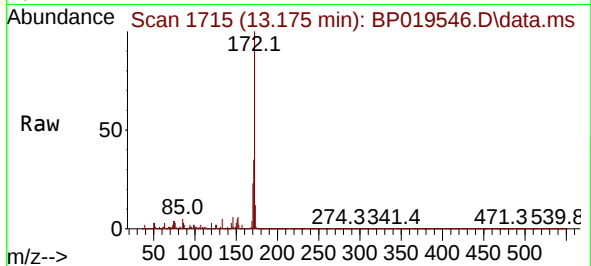
132 21.7 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 77.275 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

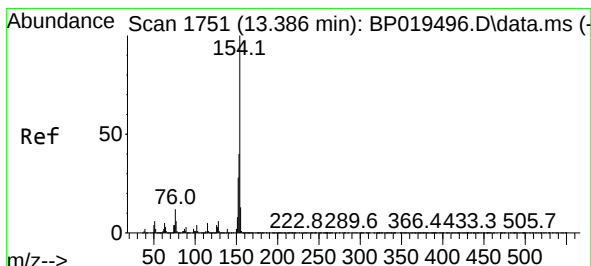
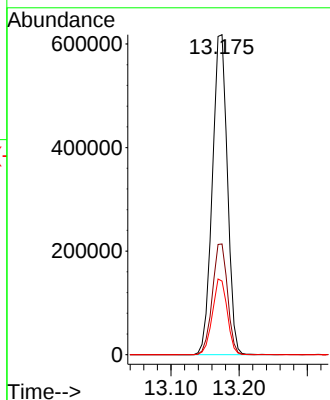
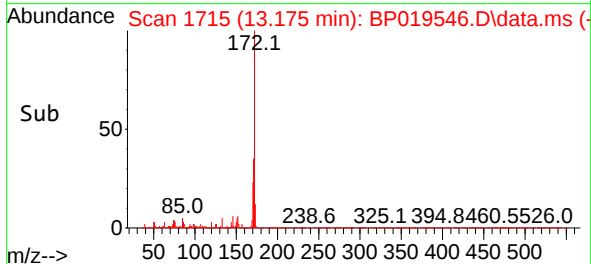
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



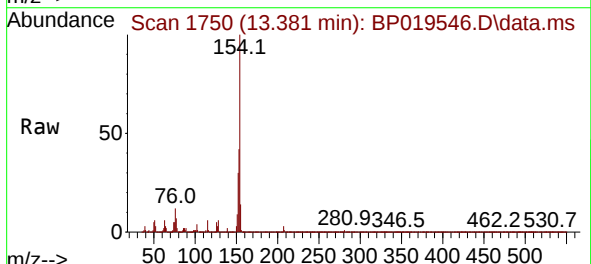
Tgt Ion:172 Resp: 94820
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 23.0 18.9 28.3

Manual Integrations
APPROVED

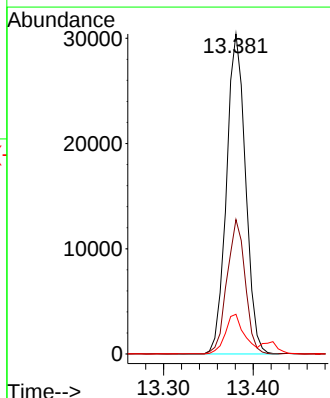
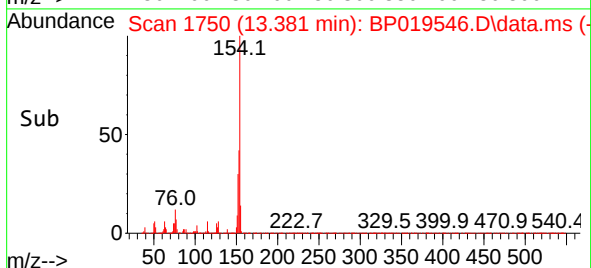
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

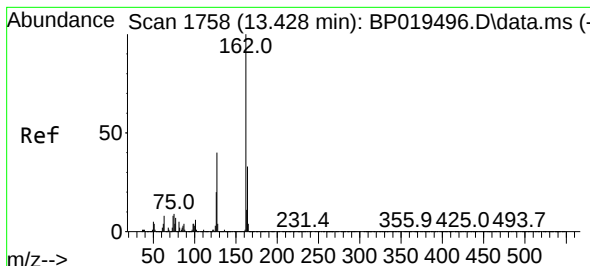


#46
1,1'-Biphenyl
Concen: 3.694 ng
RT: 13.381 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



Tgt Ion:154 Resp: 44719
Ion Ratio Lower Upper
154 100
153 42.0 20.2 60.2
76 12.4 0.0 31.6





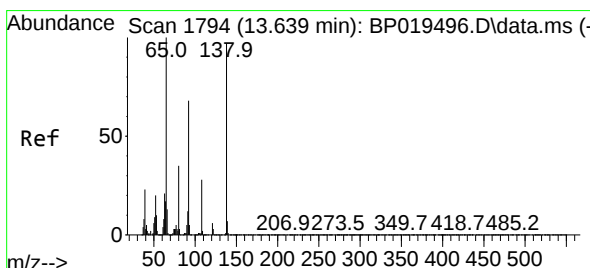
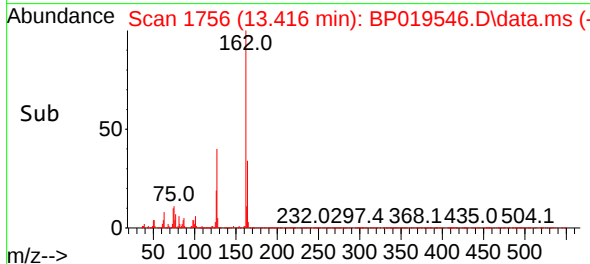
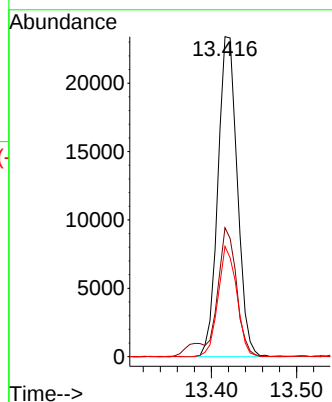
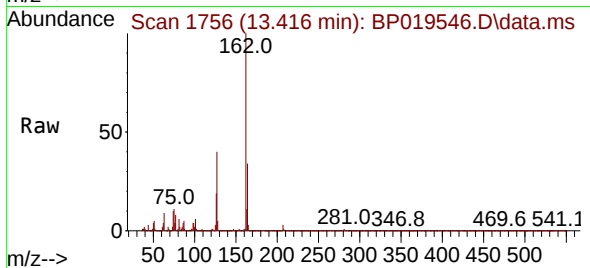
#47
2-Chloronaphthalene
Concen: 3.726 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:	162	Resp:	3702
Ion Ratio	Lower	Upper	
162	100		
127	40.3	32.1	48.1
164	34.5	26.7	40.1

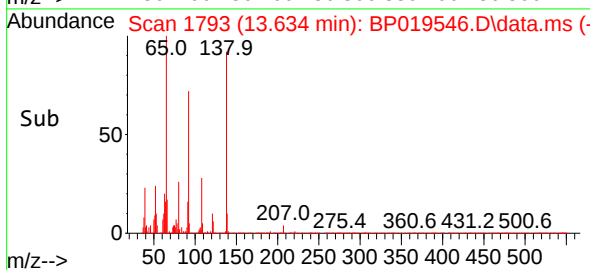
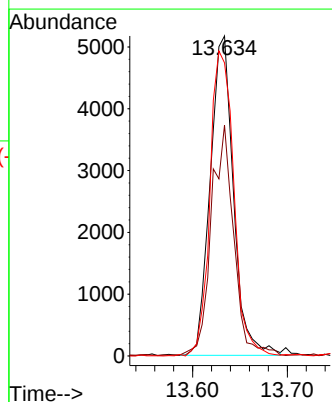
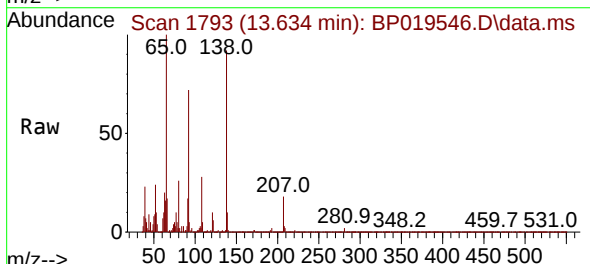
Manual Integrations
APPROVED

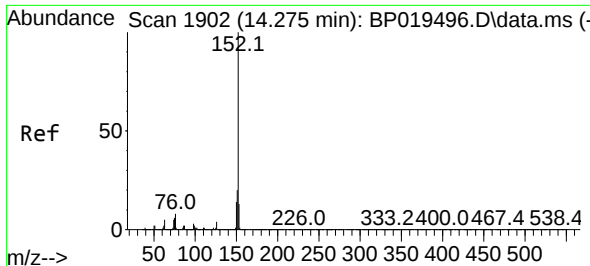
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#48
2-Nitroaniline
Concen: 3.167 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	65	Resp:	8802
Ion Ratio	Lower	Upper	
65	100		
92	72.2	54.7	82.1
138	91.6	77.8	116.6





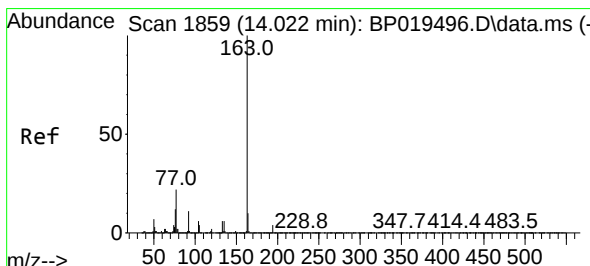
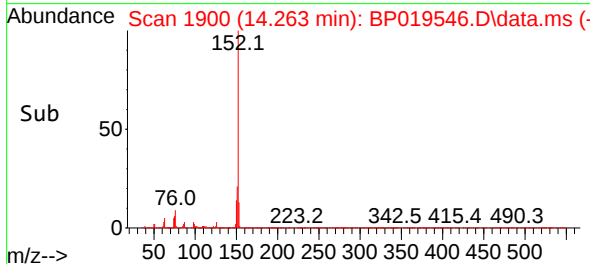
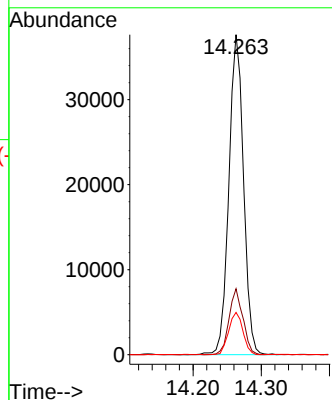
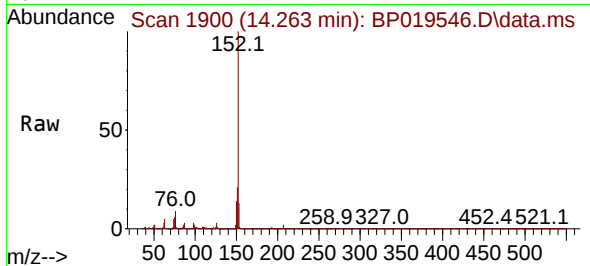
#49
Acenaphthylene
Concen: 4.035 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:152 Resp: 56260
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.2 10.6 15.8

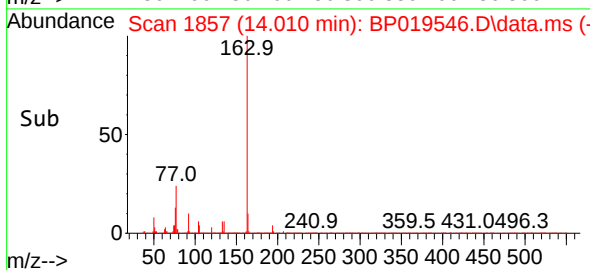
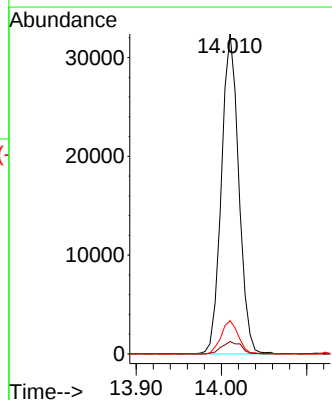
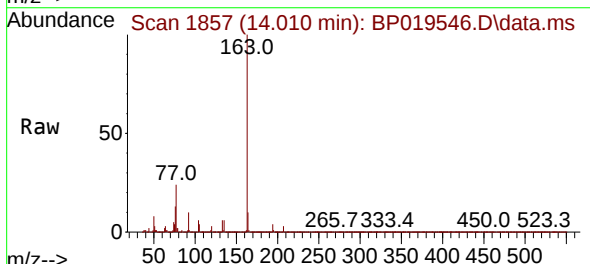
Manual Integrations
APPROVED

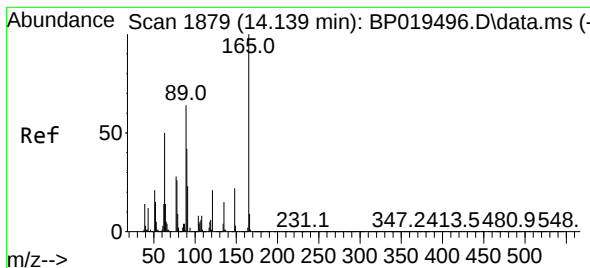
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#50
Dimethylphthalate
Concen: 3.942 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:163 Resp: 45778
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 7.8 11.6





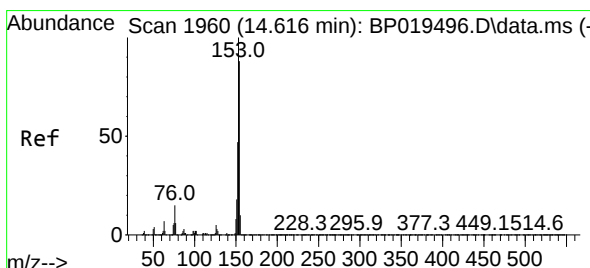
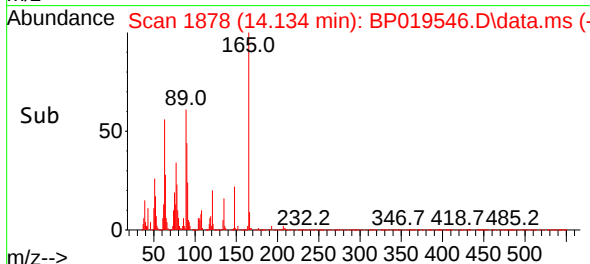
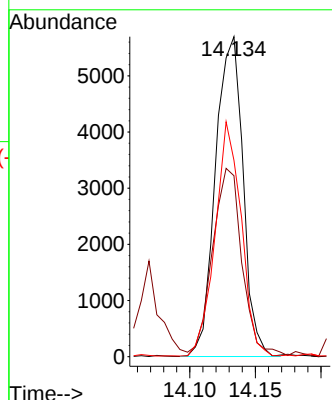
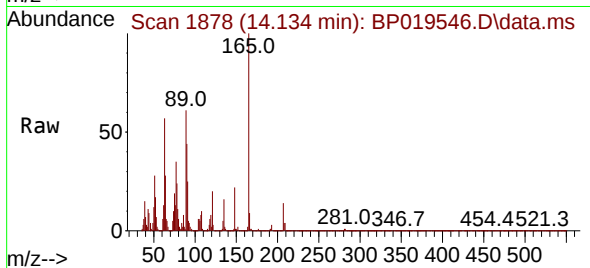
#51
2,6-Dinitrotoluene
Concen: 3.257 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:165 Resp: 8309
Ion Ratio Lower Upper
165 100
63 56.6 50.4 75.6
89 61.4 51.7 77.5

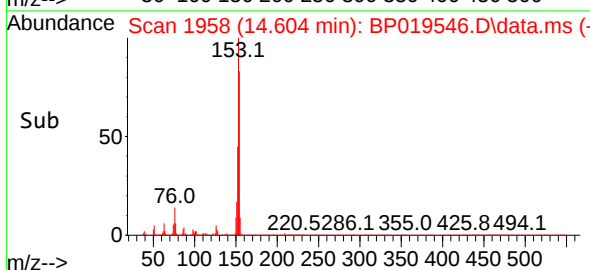
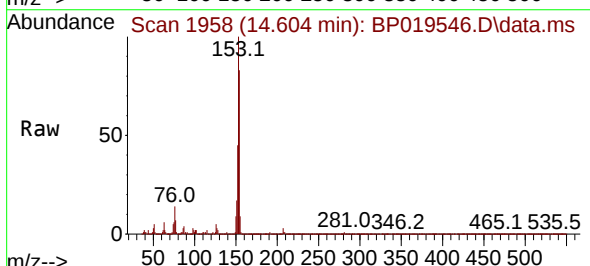
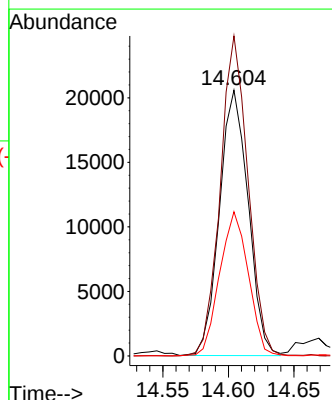
Manual Integrations
APPROVED

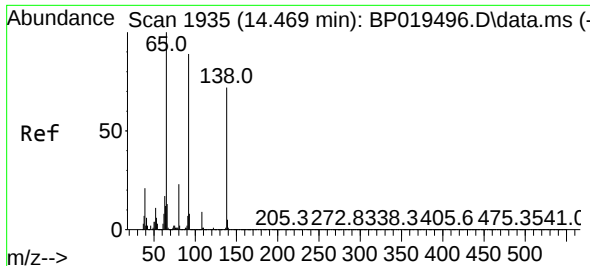
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#52
Acenaphthene
Concen: 3.625 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:154 Resp: 31369
Ion Ratio Lower Upper
154 100
153 120.4 90.5 135.7
152 54.3 42.1 63.1





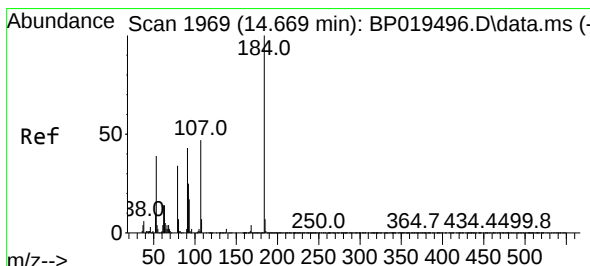
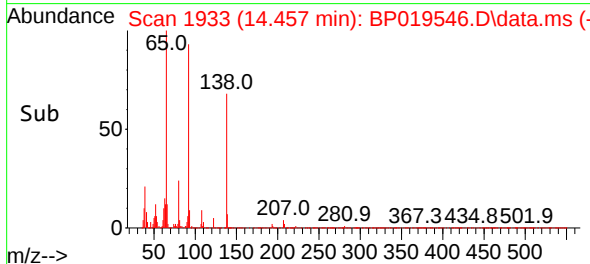
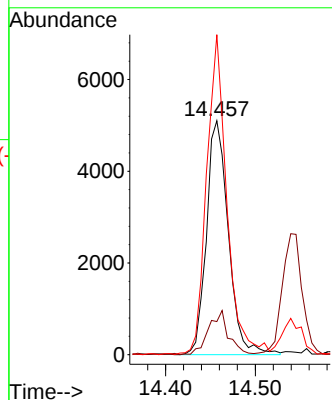
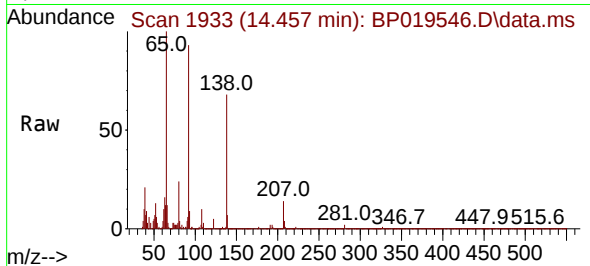
#53
3-Nitroaniline
Concen: 3.687 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:138 Resp: 864
Ion Ratio Lower Upper
138 100
108 14.2 9.7 14.5
92 136.8 98.0 147.0

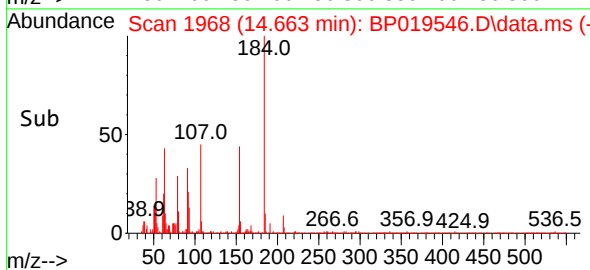
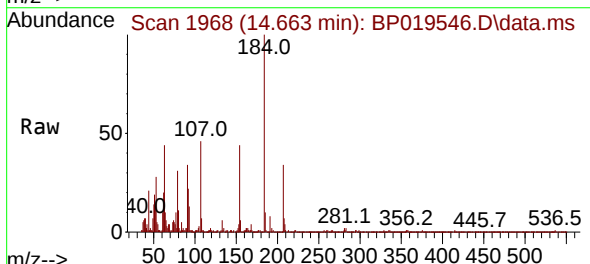
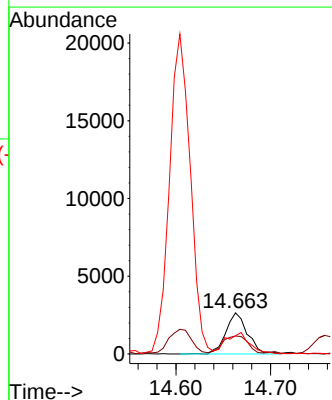
Manual Integrations
APPROVED

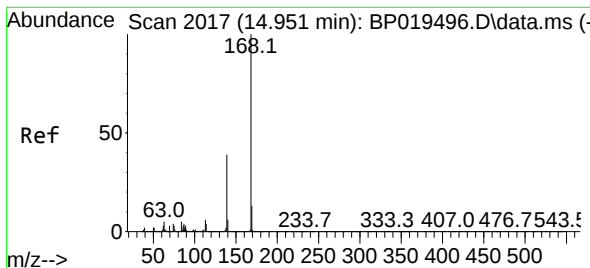
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#54
2,4-Dinitrophenol
Concen: 3.148 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:184 Resp: 4170
Ion Ratio Lower Upper
184 100
63 43.7 50.5 75.7#
154 44.5 53.4 80.0#





#55

Dibenzenofuran

Concen: 3.989 ng

RT: 14.939 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

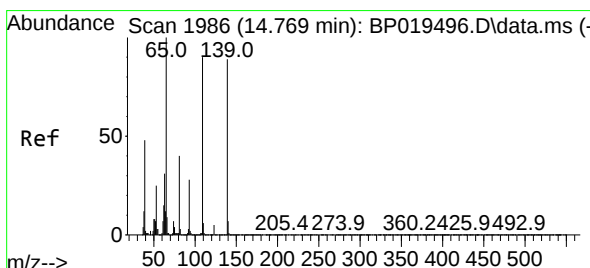
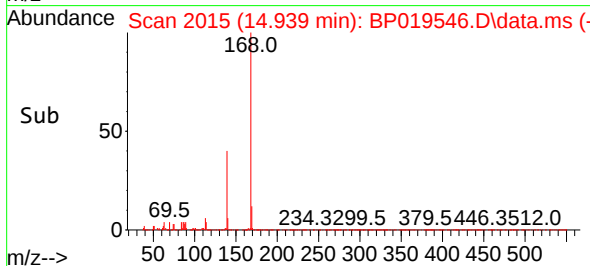
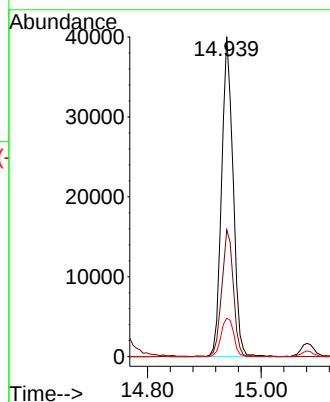
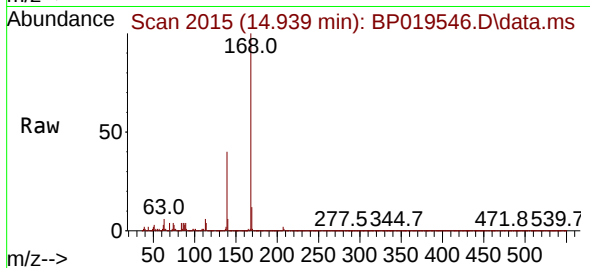
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	168	Resp:	5622
Ion Ratio	Lower	Upper	
168	100		
139	39.7	31.5	47.3
169	12.0	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#56

4-Nitrophenol

Concen: 3.854 ng

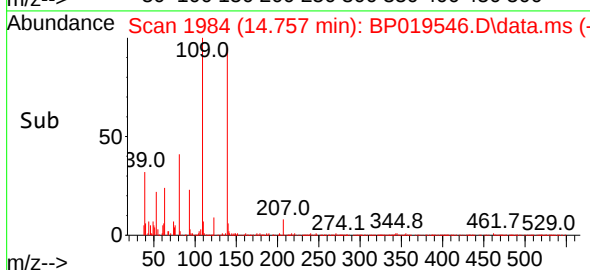
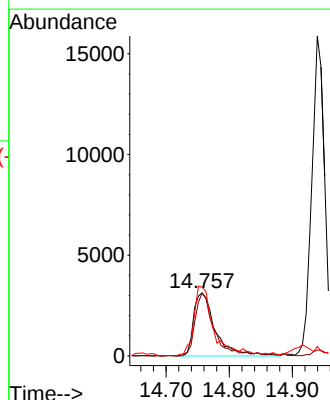
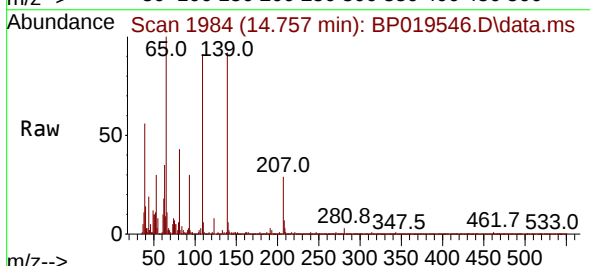
RT: 14.757 min Scan# 1984

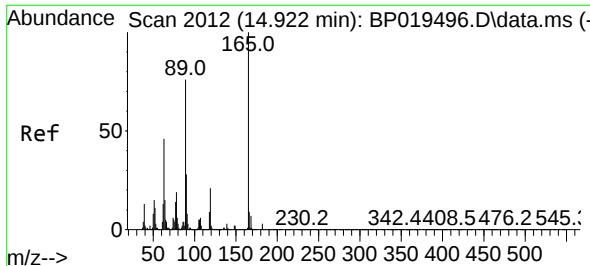
Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:	139	Resp:	7406
Ion Ratio	Lower	Upper	
139	100		
109	99.5	82.0	122.0
65	109.1	92.9	132.9





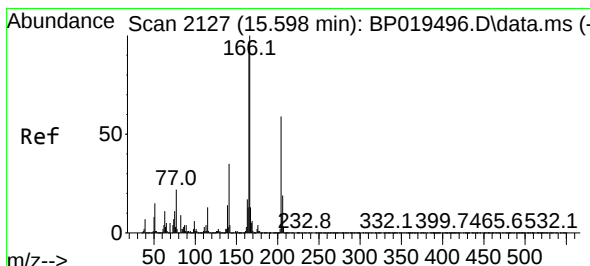
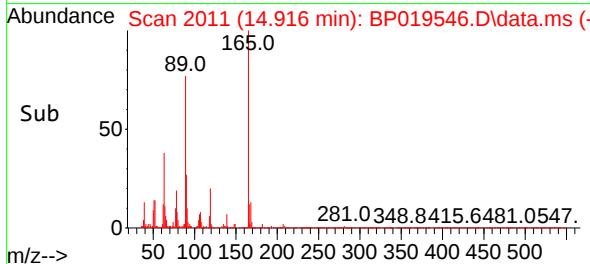
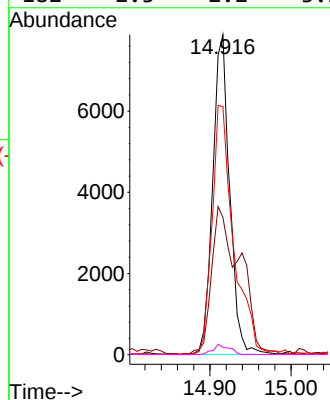
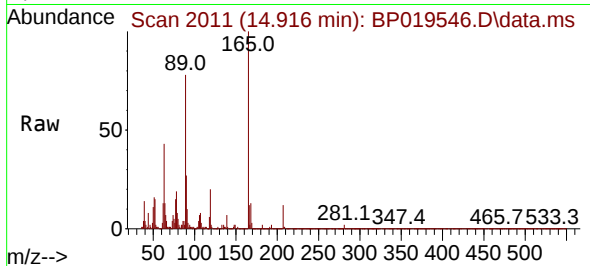
#57
2,4-Dinitrotoluene
Concen: 3.418 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:165 Resp: 11429
Ion Ratio Lower Upper
165 100
63 42.9 36.9 55.3
89 77.5 61.1 91.7
182 2.3 2.2 3.2

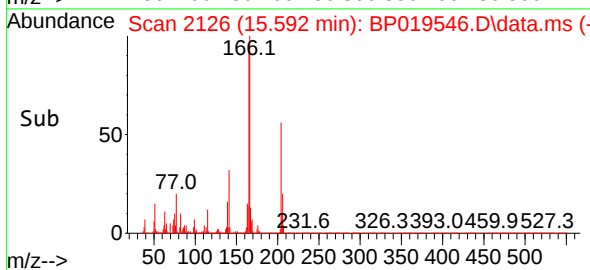
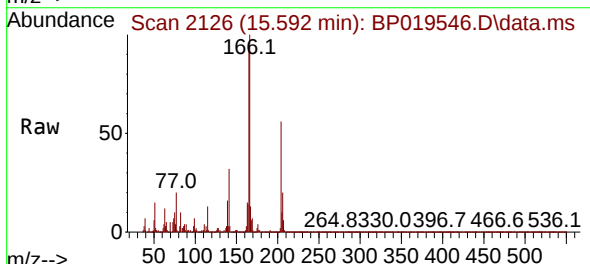
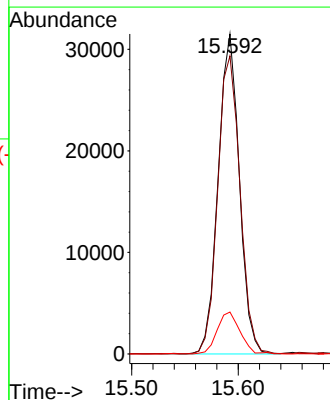
Manual Integrations
APPROVED

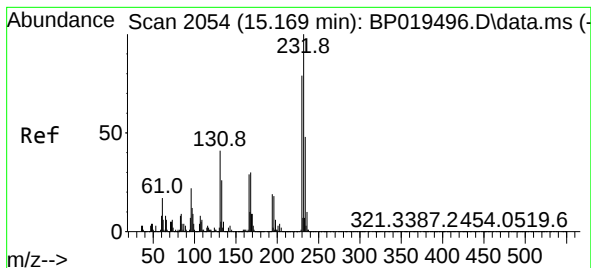
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#58
Fluorene
Concen: 3.874 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

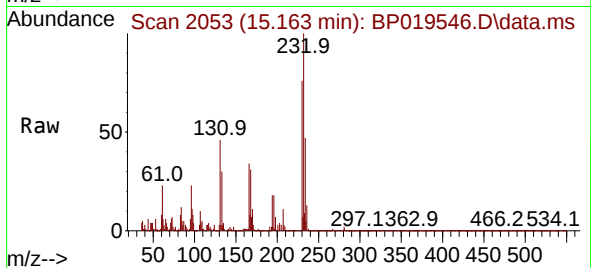
Tgt Ion:166 Resp: 43487
Ion Ratio Lower Upper
166 100
165 93.1 77.8 116.8
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.695 ng
RT: 15.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

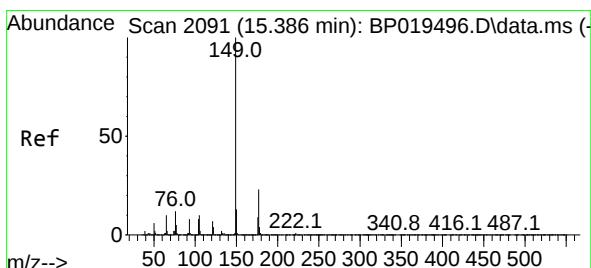
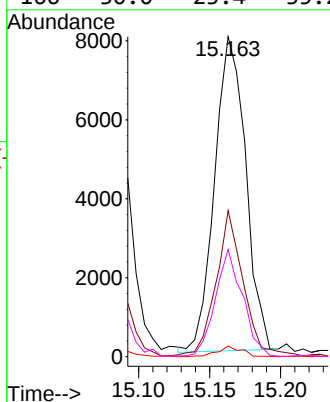
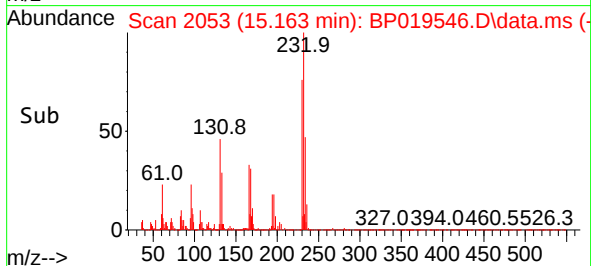
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:232 Resp: 1209
Ion Ratio Lower Upper
232 100
131 40.4 32.4 48.6
130 2.6 1.9 2.9
166 30.0 23.4 35.2

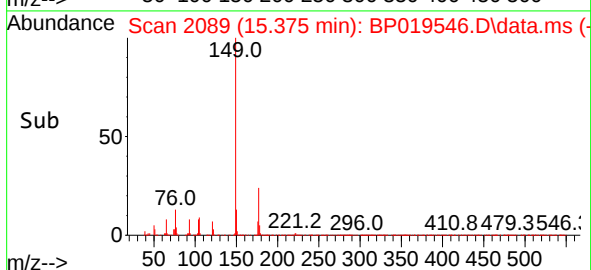
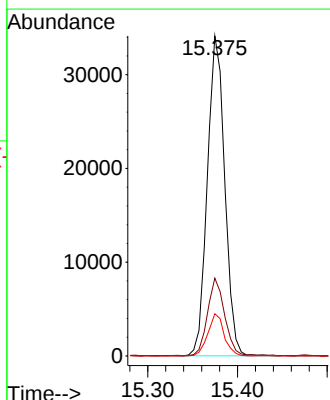
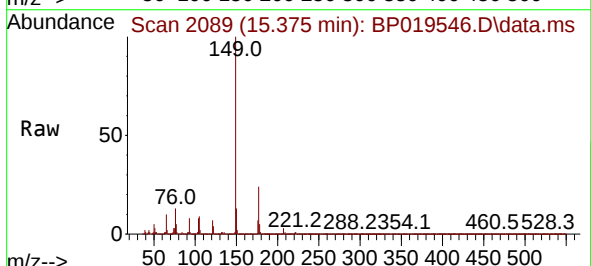
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#60
Diethylphthalate
Concen: 3.981 ng
RT: 15.375 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

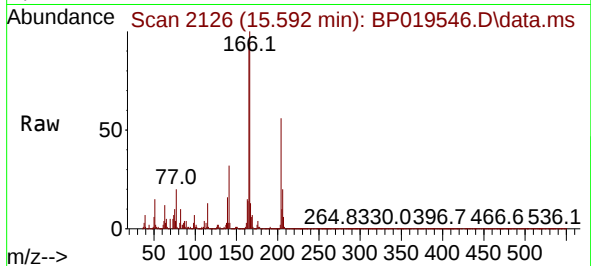
Tgt Ion:149 Resp: 45984
Ion Ratio Lower Upper
149 100
177 24.3 18.2 27.2
150 13.2 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 3.935 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

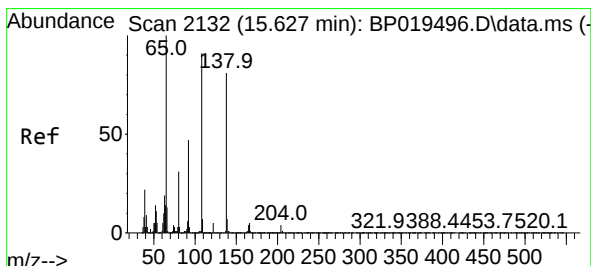
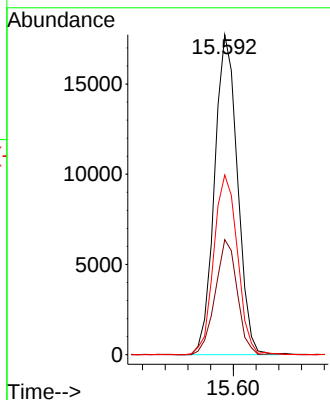
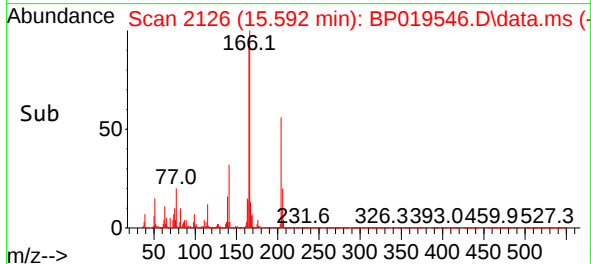
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 204 Resp: 2483
Ion Ratio Lower Upper
204 100
206 35.9 26.5 39.7
141 56.1 48.5 72.7

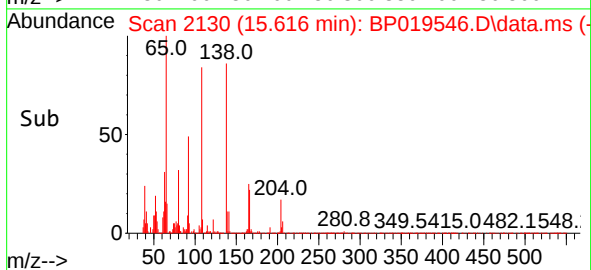
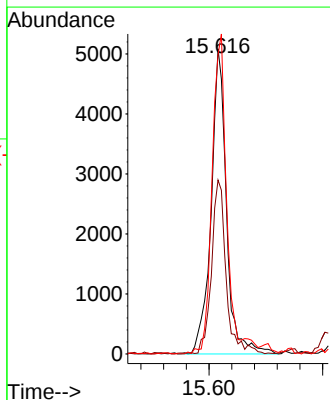
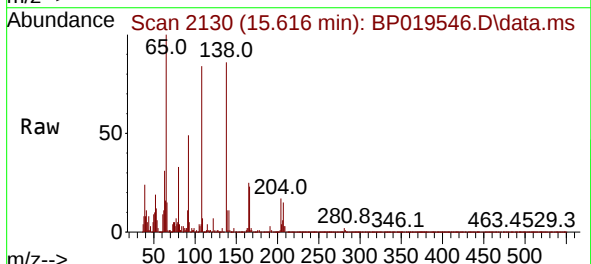
Manual Integrations
APPROVED

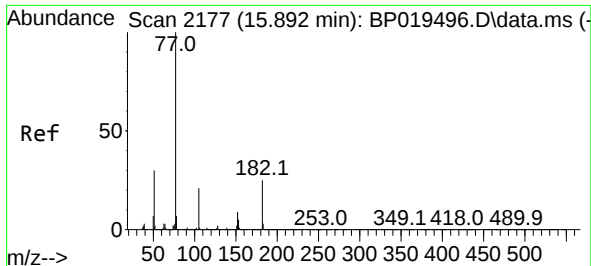
Reviewed By : Jagrut Upadhyay 02/05/2024
Supervised By : mohammad ahmed 02/06/2024



#62
4-Nitroaniline
Concen: 3.889 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

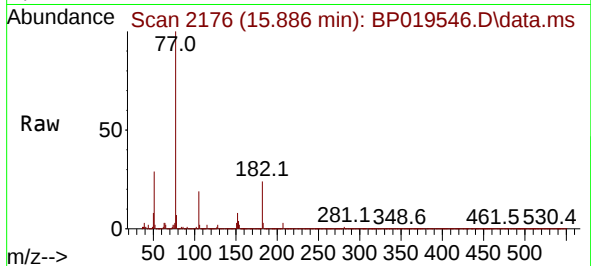
Tgt Ion: 138 Resp: 9558
Ion Ratio Lower Upper
138 100
92 57.0 38.3 78.3
108 98.0 91.2 131.2





#63
Azobenzene
Concen: 3.793 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

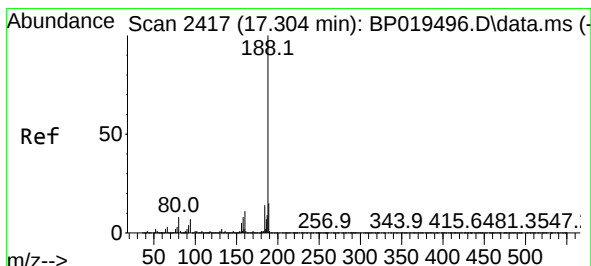
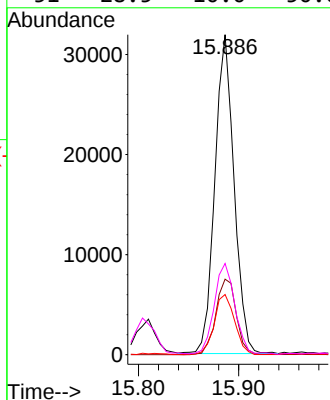
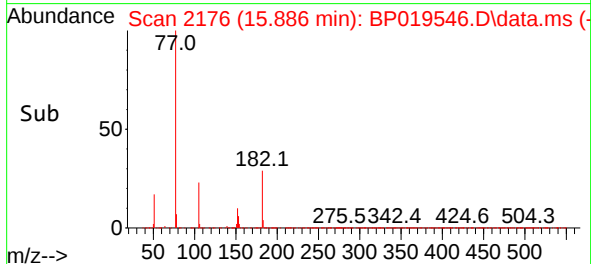
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



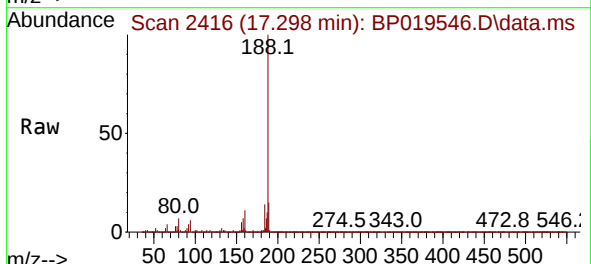
Tgt Ion: 77	Resp: 4236
Ion Ratio	Lower Upper
77 100	
182 23.6	5.1 45.1
105 18.8	0.8 40.8
51 28.5	10.0 50.0

Manual Integrations
APPROVED

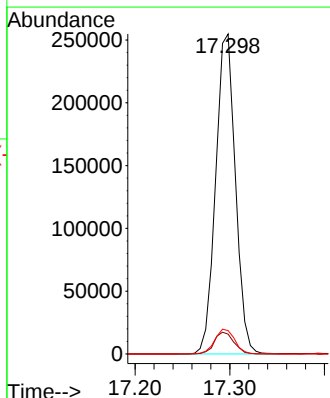
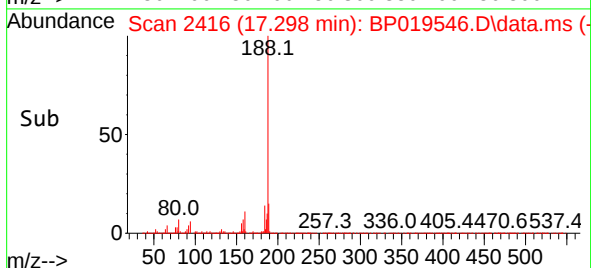
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

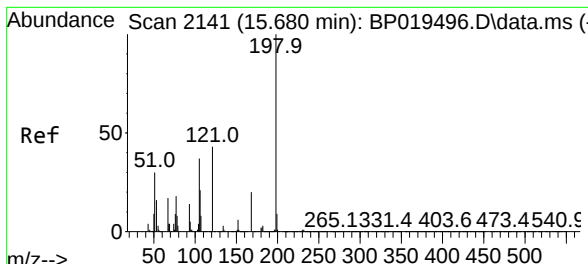


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49



Tgt Ion: 188	Resp: 369297
Ion Ratio	Lower Upper
188 100	
94 6.2	5.4 8.2
80 7.3	6.3 9.5





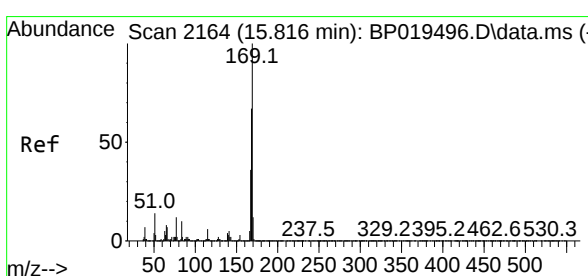
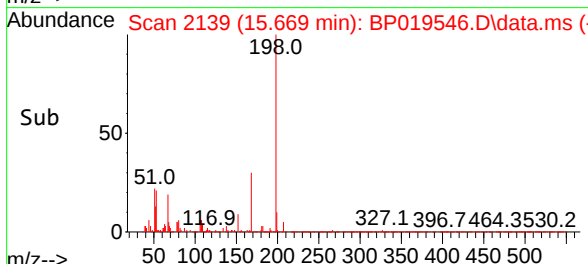
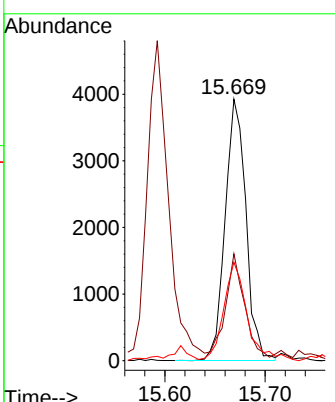
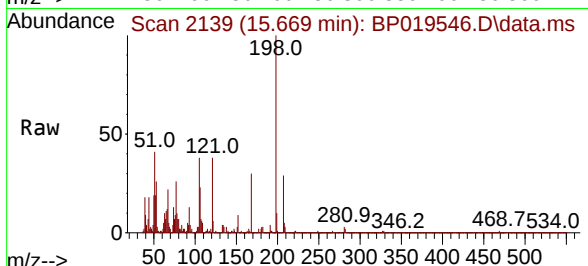
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.683 ng
 RT: 15.669 min Scan# 2141
 Delta R.T. -0.012 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

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

Tgt Ion:	198	Resp:	5649
Ion Ratio	Lower	Upper	
198	100		
51	40.9	21.2	61.2
105	37.6	19.1	59.1

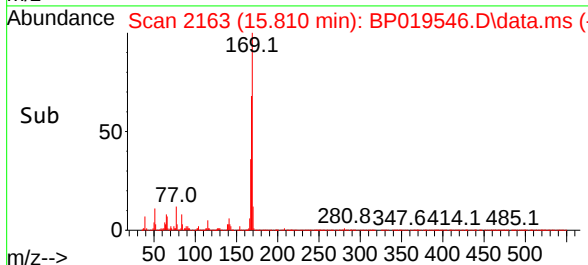
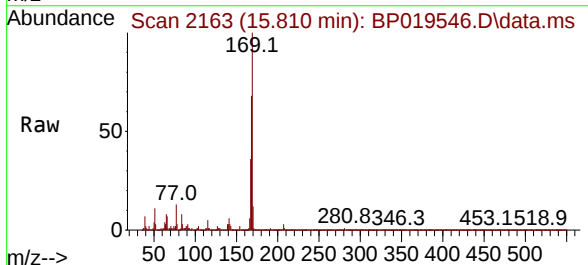
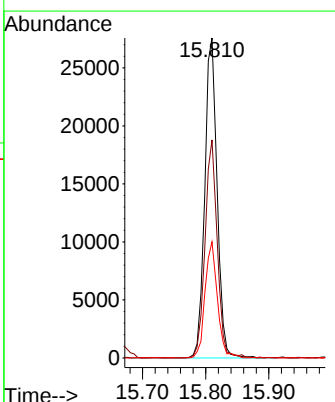
Manual Integrations
 APPROVED

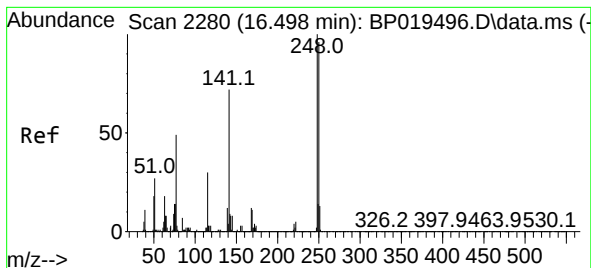
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#66
 n-Nitrosodiphenylamine
 Concen: 3.392 ng
 RT: 15.810 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

Tgt Ion:	169	Resp:	37521
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.4	80.2
167	36.3	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 3.214 ng

RT: 16.492 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

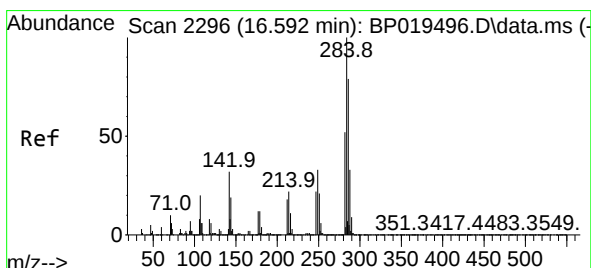
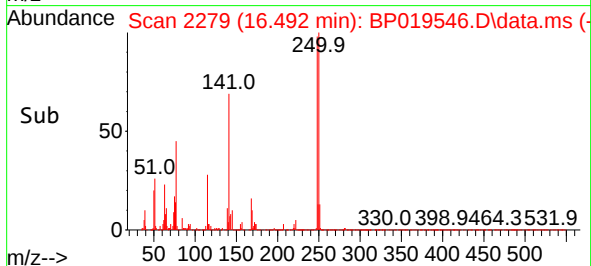
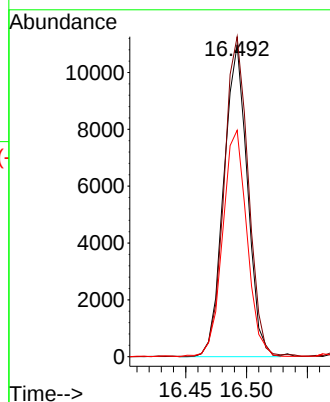
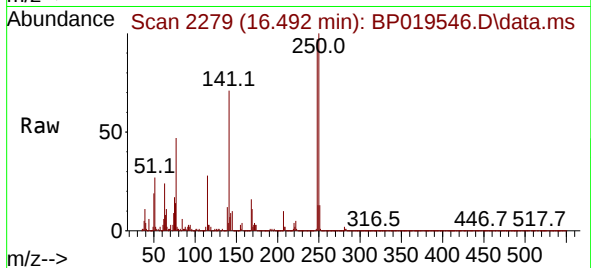
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:248	Resp:	14830
Ion Ratio	Lower	Upper
248	100	
250	102.6	76.9 115.3
141	72.6	58.0 87.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#68

Hexachlorobenzene

Concen: 3.467 ng

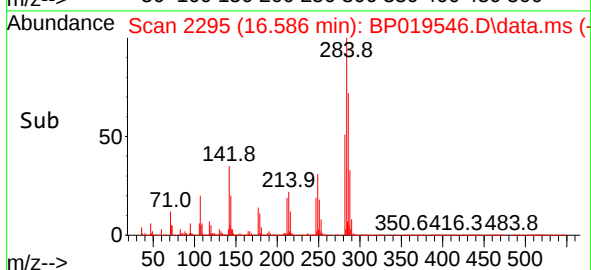
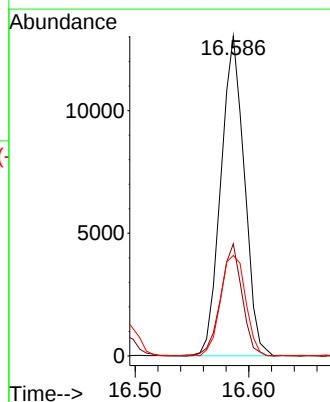
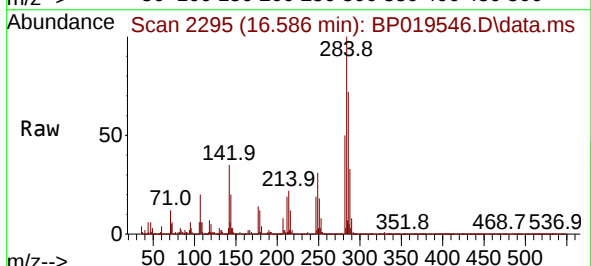
RT: 16.586 min Scan# 2295

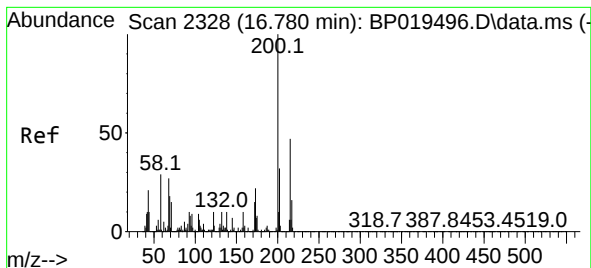
Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:284	Resp:	18689
Ion Ratio	Lower	Upper
284	100	
142	35.1	25.4 38.2
249	31.4	26.5 39.7





#69

Atrazine

Concen: 4.215 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

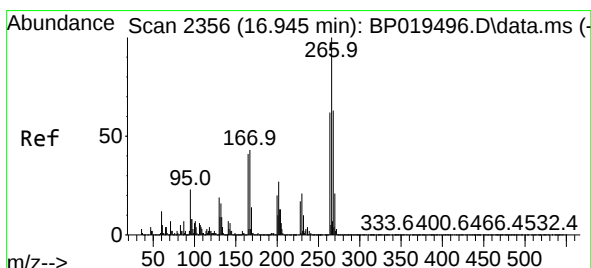
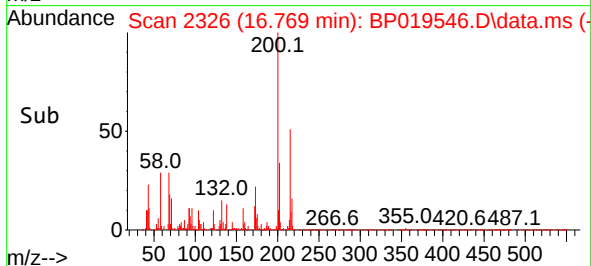
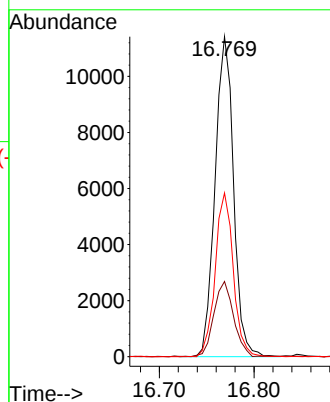
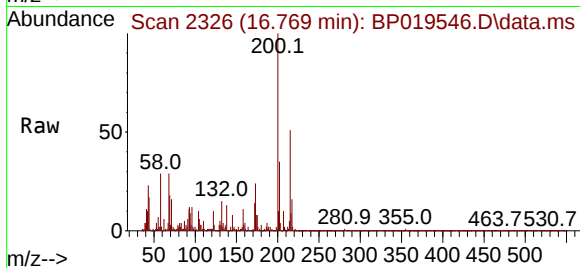
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:200 Resp: 15470
 Ion Ratio Lower Upper
 200 100
 173 23.5 1.7 41.7
 215 51.2 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#70

Pentachlorophenol

Concen: 3.029 ng m

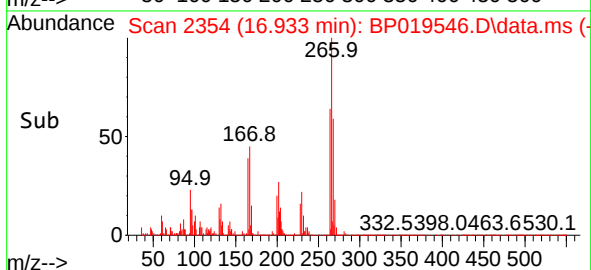
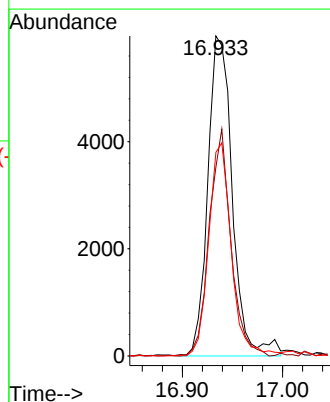
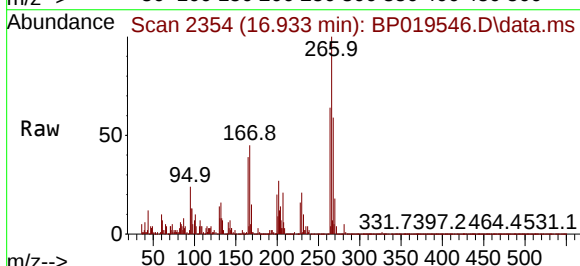
RT: 16.933 min Scan# 2354

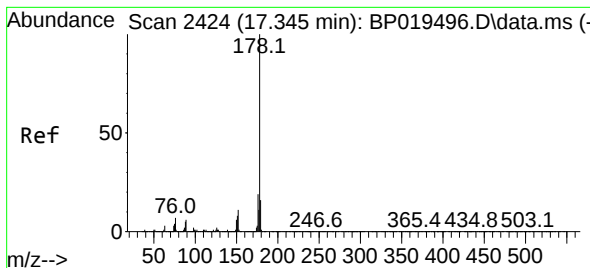
Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:266 Resp: 10170
 Ion Ratio Lower Upper
 266 100
 268 58.9 50.3 75.5
 264 63.6 49.7 74.5





#71

Phenanthrene

Concen: 3.807 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

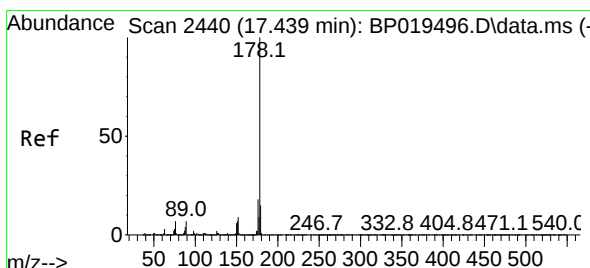
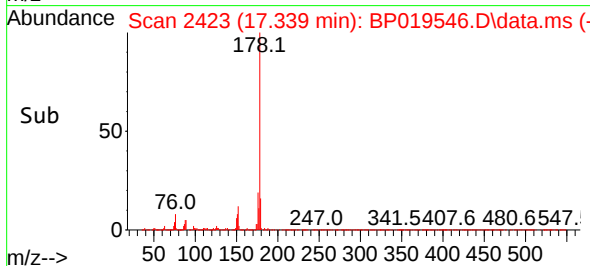
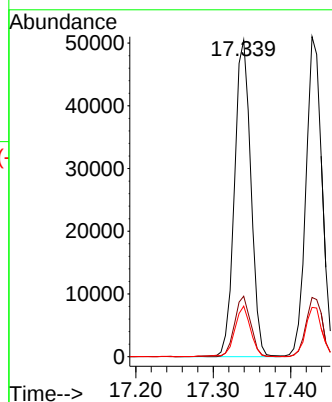
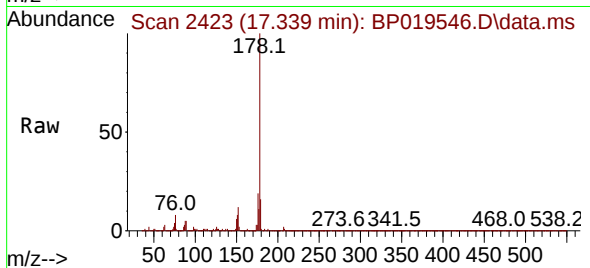
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	178	Resp:	73980
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	16.0	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#72

Anthracene

Concen: 3.800 ng

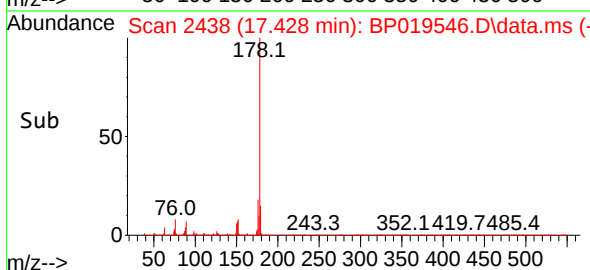
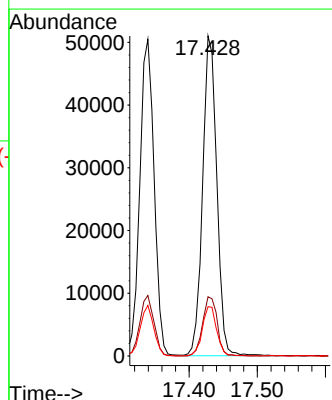
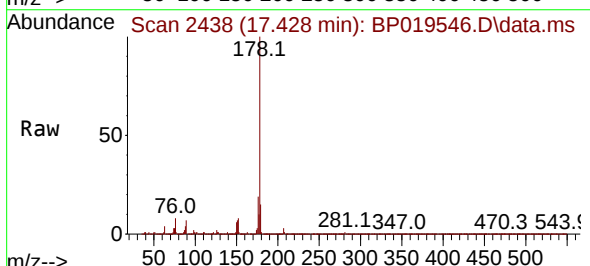
RT: 17.428 min Scan# 2438

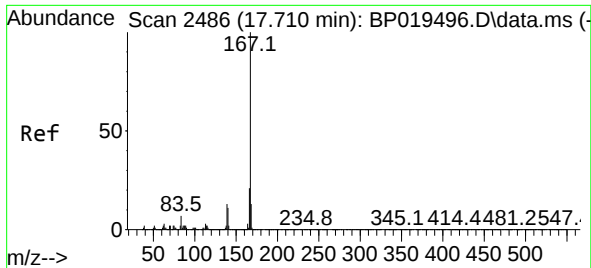
Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:	178	Resp:	73667
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.7	22.1
179	15.4	12.2	18.2





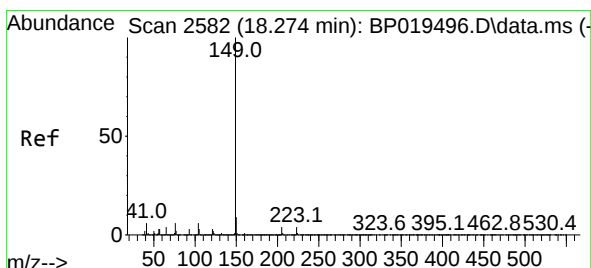
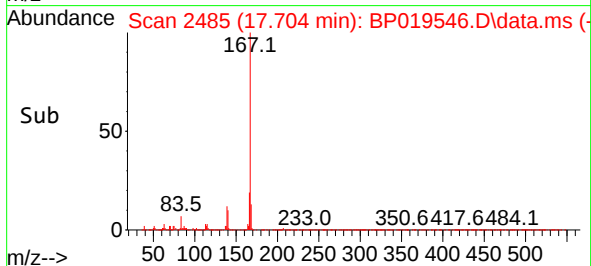
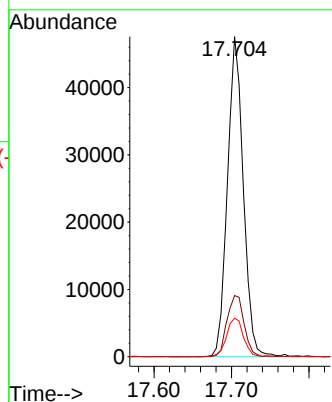
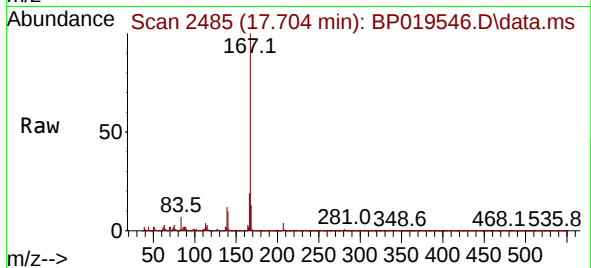
#73
Carbazole
Concen: 3.847 ng
RT: 17.704 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

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

Tgt Ion:167 Resp: 6774
Ion Ratio Lower Upper
167 100
166 19.1 17.2 25.8
139 12.0 10.6 15.8

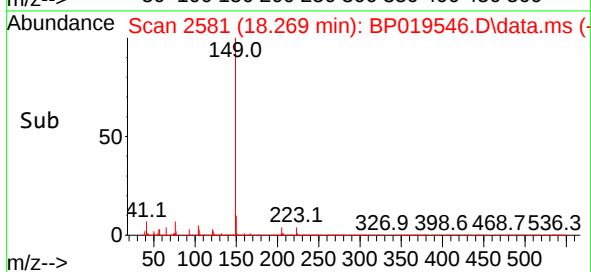
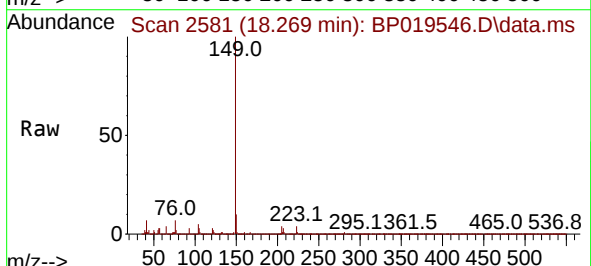
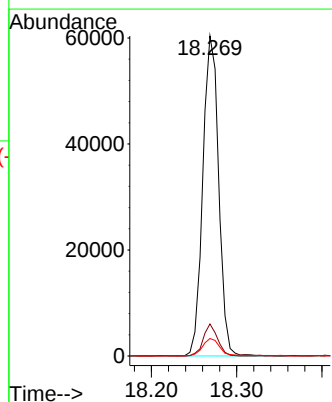
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#74
Di-n-butylphthalate
Concen: 3.663 ng
RT: 18.269 min Scan# 2581
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:149 Resp: 78014
Ion Ratio Lower Upper
149 100
150 10.0 7.3 10.9
104 5.5 4.8 7.2



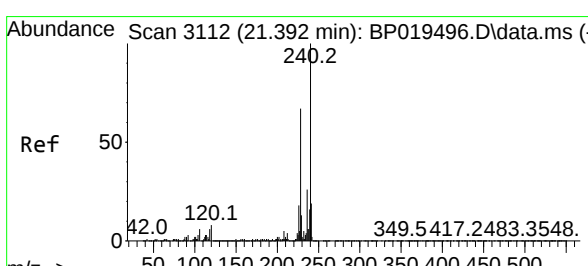
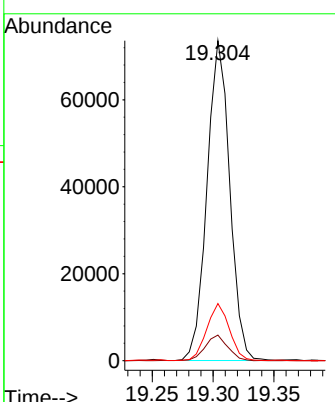
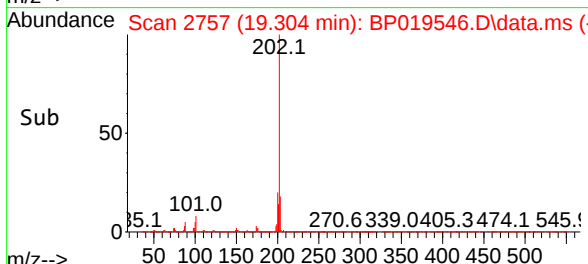
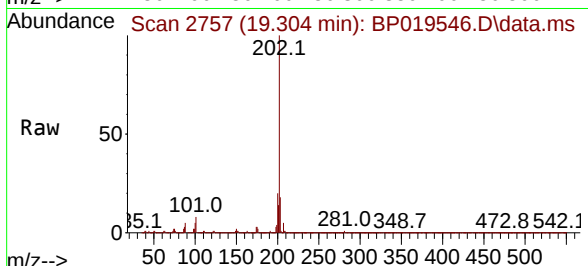


#75
 Fluoranthene
 Concen: 4.031 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

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

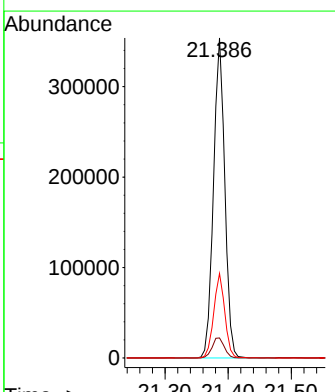
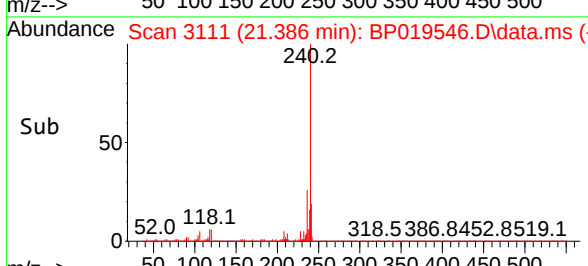
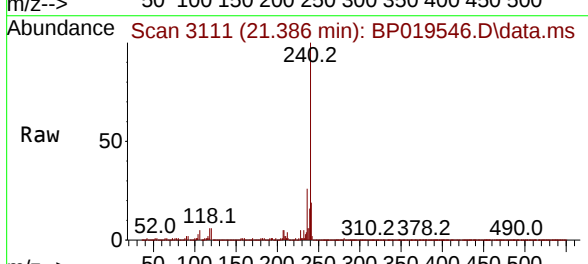
Tgt Ion:	202	Resp:	95710
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	27.7
203	17.8	0.0	37.5

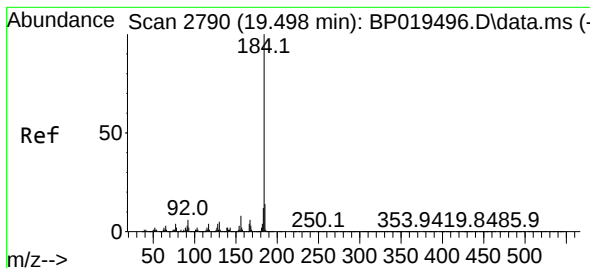
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

Tgt Ion:	240	Resp:	439996
Ion Ratio	Lower	Upper	
240	100		
120	6.3	6.1	9.1
236	26.4	20.7	31.1





#77

Benzidine

Concen: 5.355 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

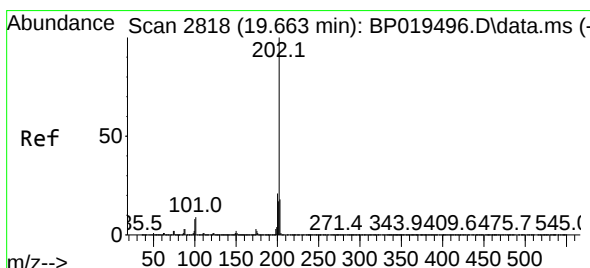
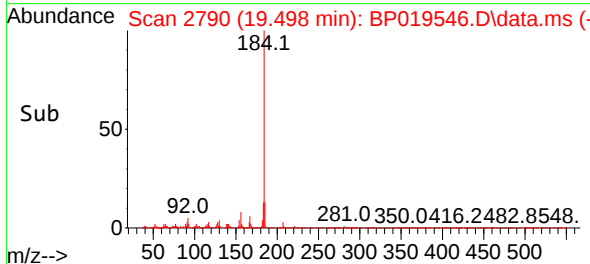
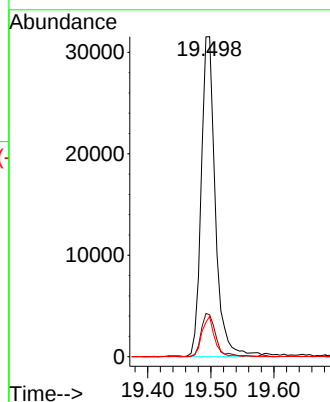
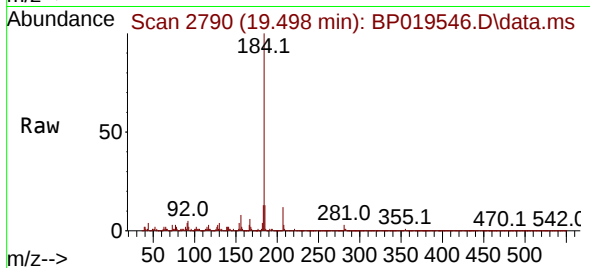
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	184	Resp:	49264
Ion Ratio	Lower	Upper	
184	100		
185	13.1	11.1	16.7
183	12.6	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#78

Pyrene

Concen: 3.327 ng

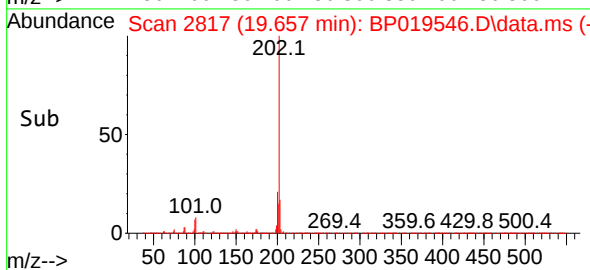
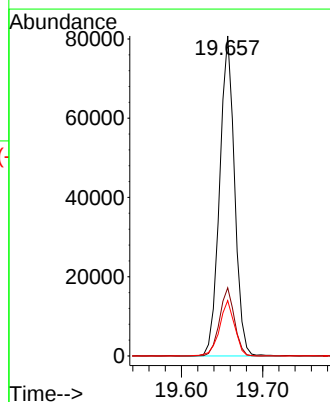
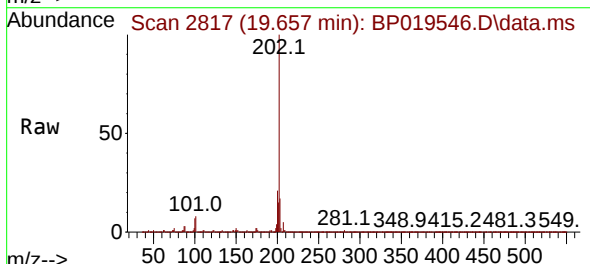
RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

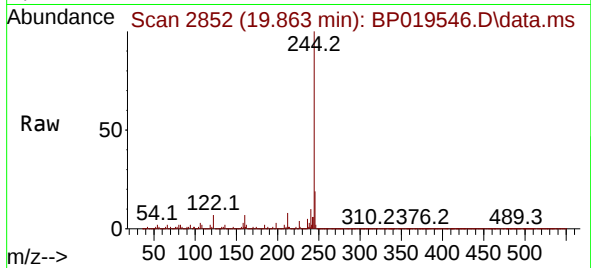
Tgt Ion:	202	Resp:	103300
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	17.3	14.2	21.2





#79
 Terphenyl-d14
 Concen: 75.202 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

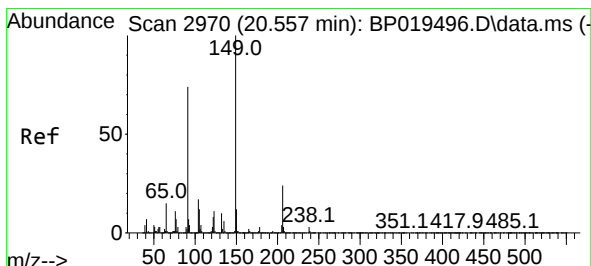
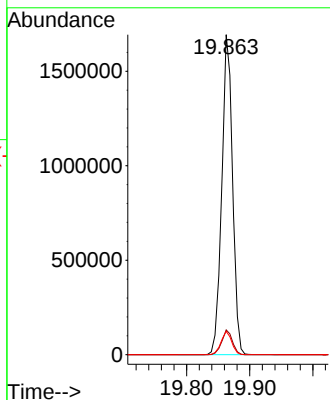
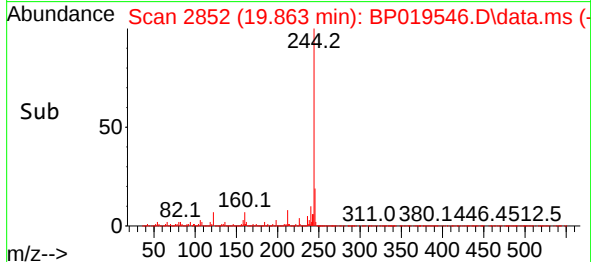
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:244 Resp: 201202
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 7.3 5.9 8.9

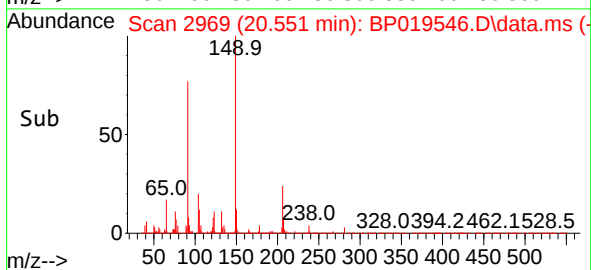
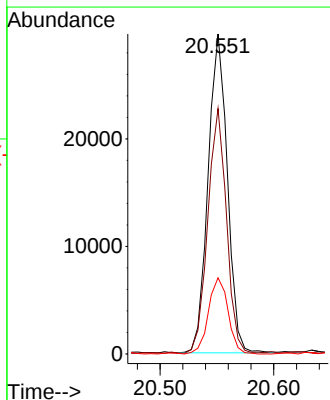
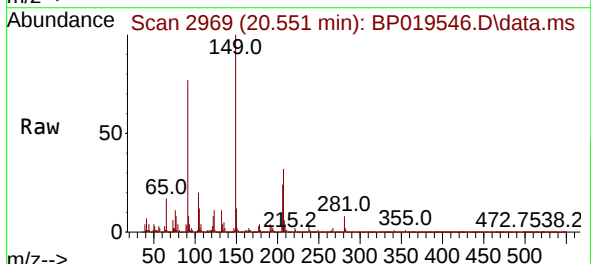
Manual Integrations
 APPROVED

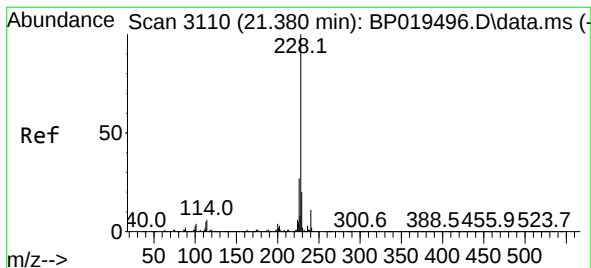
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#80
 Butylbenzylphthalate
 Concen: 3.016 ng
 RT: 20.551 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

Tgt Ion:149 Resp: 34981
 Ion Ratio Lower Upper
 149 100
 91 76.7 59.4 89.0
 206 23.8 19.0 28.6





#81

Benzo(a)anthracene

Concen: 3.728 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

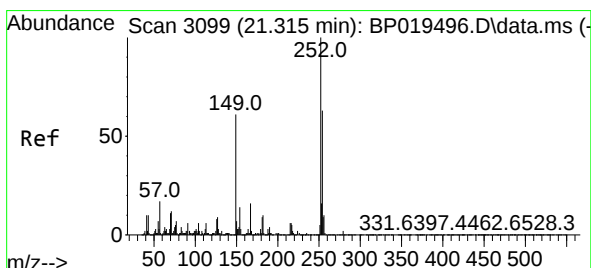
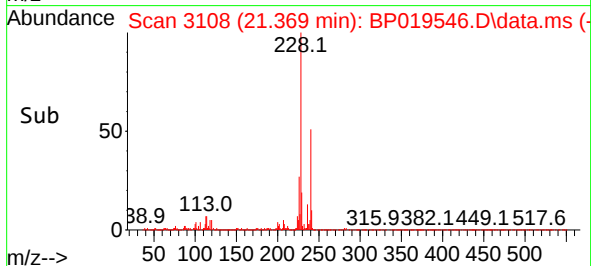
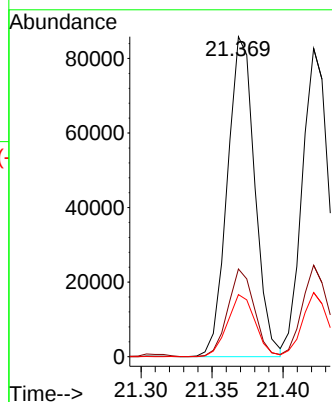
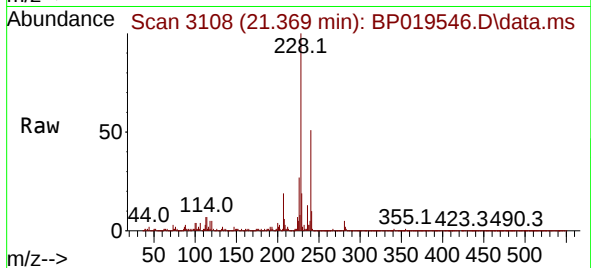
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	228	Resp:	115474
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.7	32.5
229	19.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.576 ng

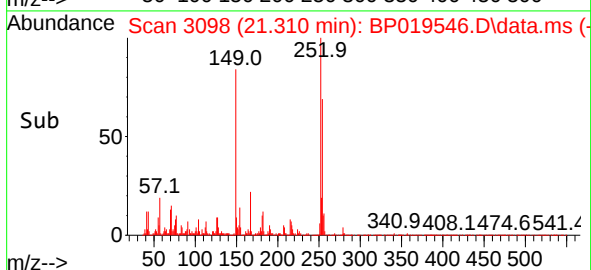
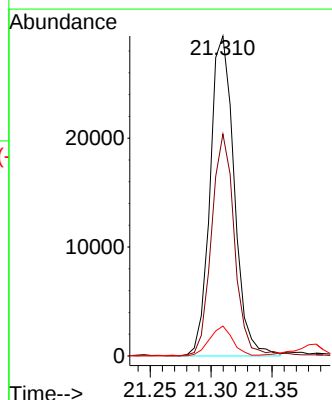
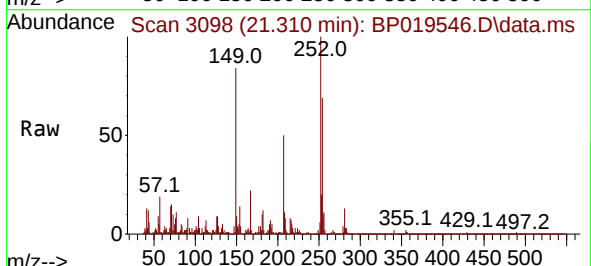
RT: 21.310 min Scan# 3098

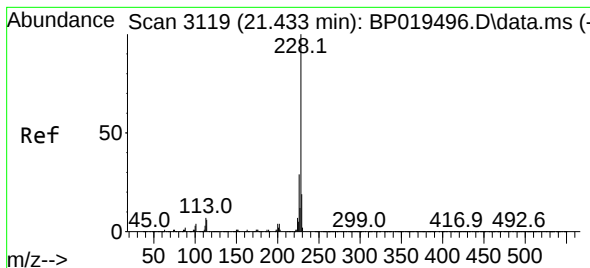
Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:	252	Resp:	40365
Ion Ratio	Lower	Upper	
252	100		
254	69.4	50.7	76.1
126	9.3	6.4	9.6





#83

Chrysene

Concen: 3.653 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

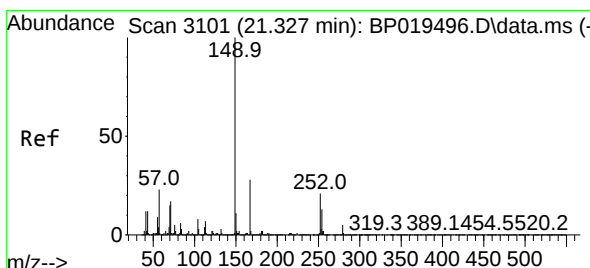
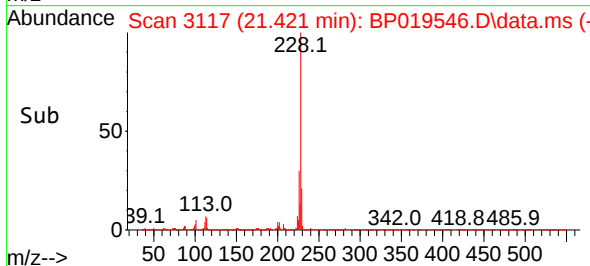
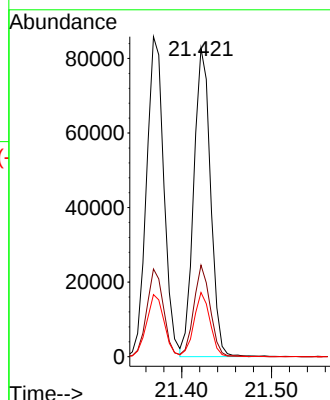
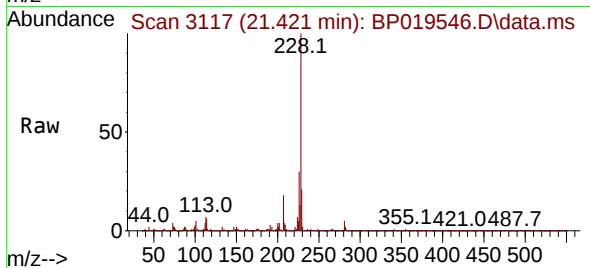
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	228	Resp:	107414
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	20.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.281 ng

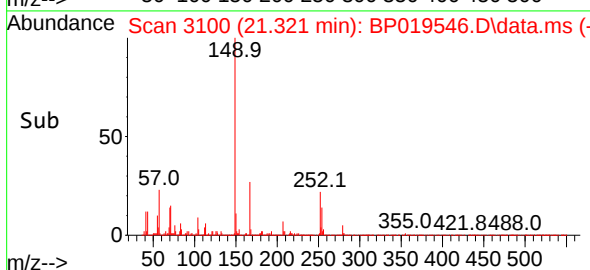
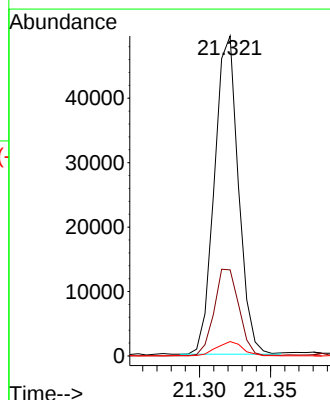
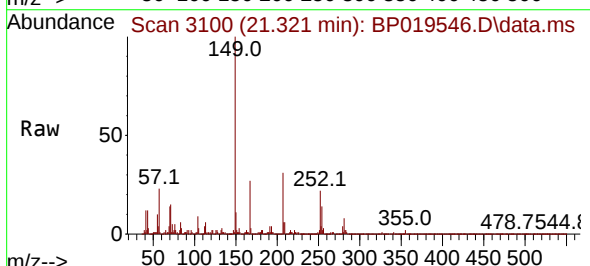
RT: 21.321 min Scan# 3100

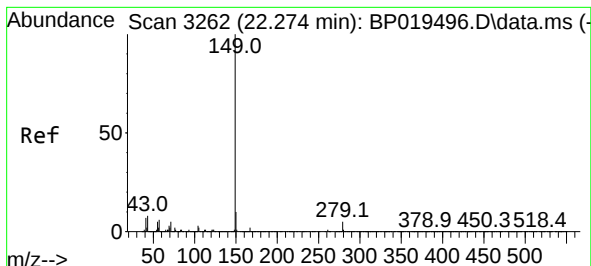
Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:	149	Resp:	57930
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.7	34.1
279	4.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 3.063 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

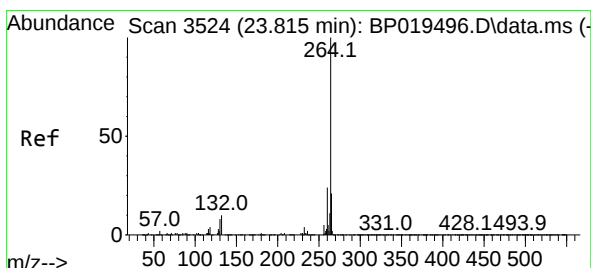
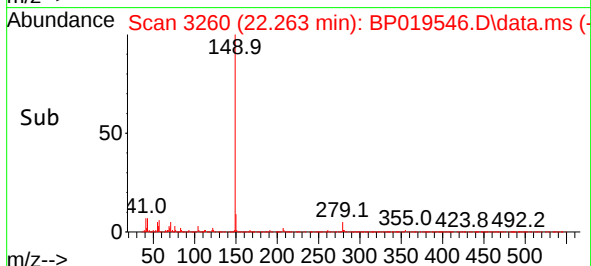
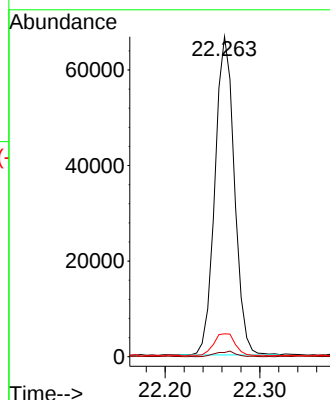
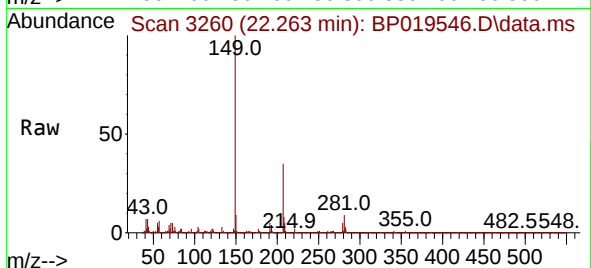
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	149	Resp:	9516
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	7.9	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#86

Perylene-d12

Concen: 20.000 ng

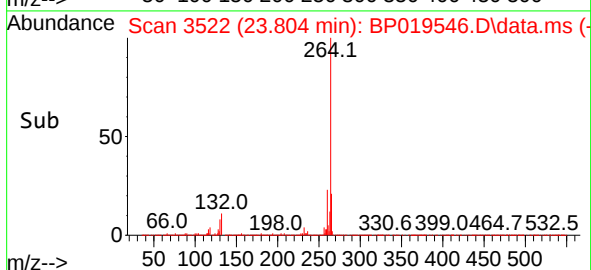
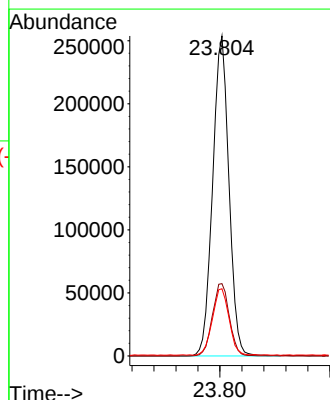
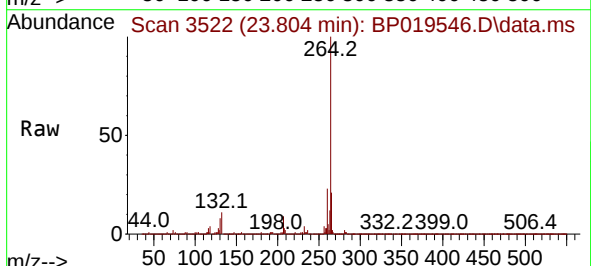
RT: 23.804 min Scan# 3522

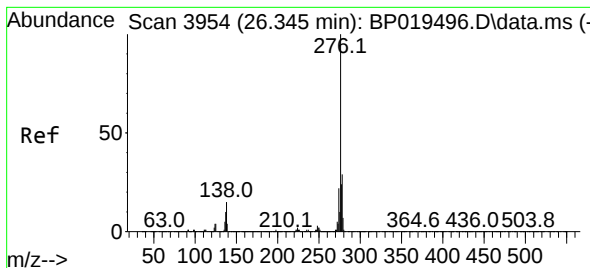
Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:	264	Resp:	521435
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.2	28.8
265	21.0	17.0	25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.396 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

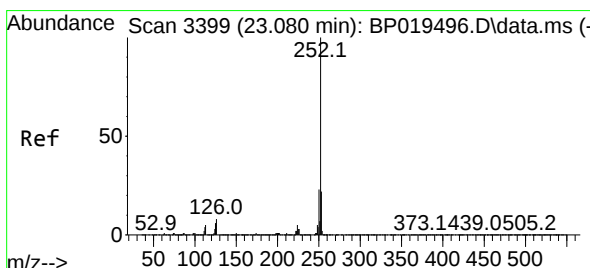
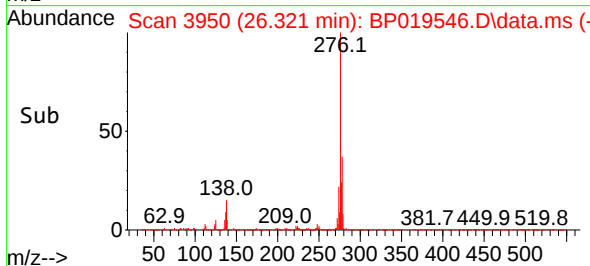
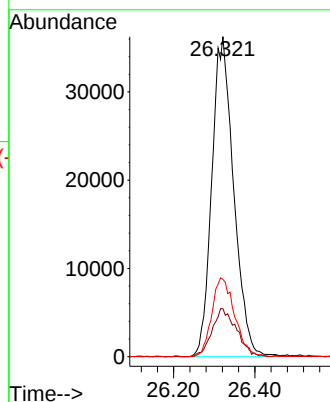
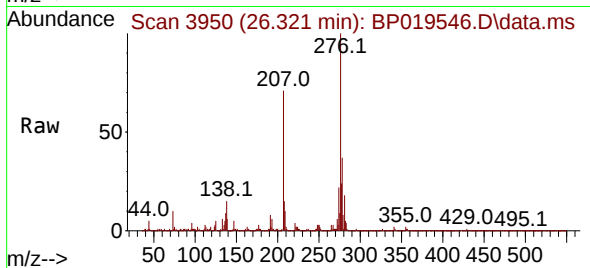
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	276	Resp:	13556
Ion Ratio	Lower	Upper	
276	100		
138	16.7	13.1	19.7
277	25.7	20.3	30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#88

Benzo(b)fluoranthene

Concen: 3.561 ng

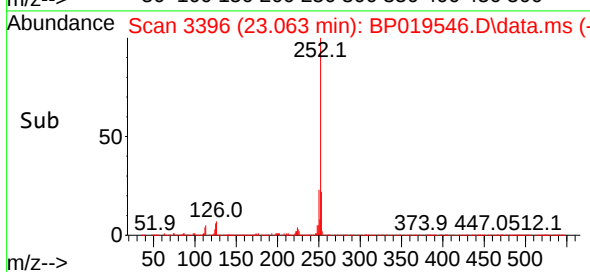
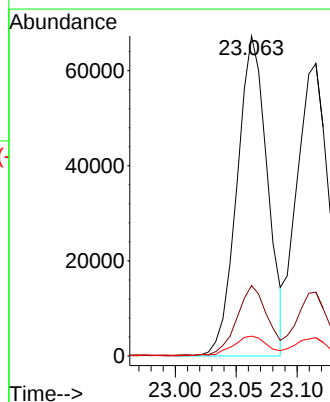
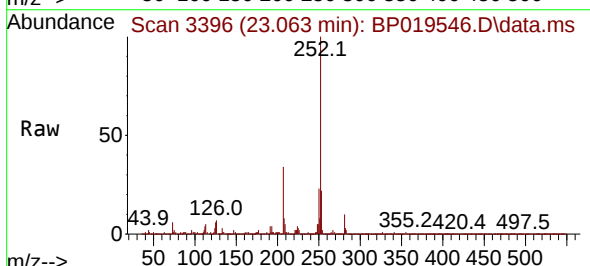
RT: 23.063 min Scan# 3396

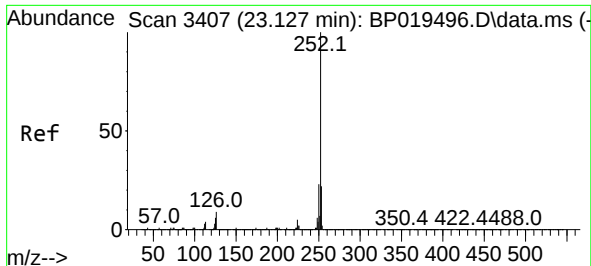
Delta R.T. -0.017 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

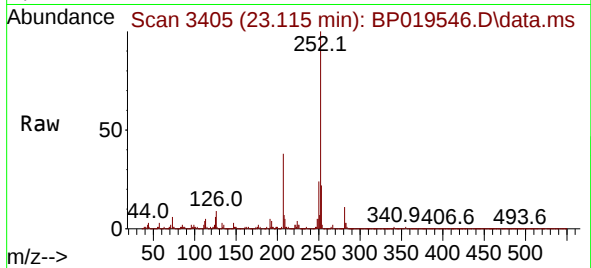
Tgt Ion:	252	Resp:	117016
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.3	25.9
125	6.2	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 3.593 ng
RT: 23.115 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

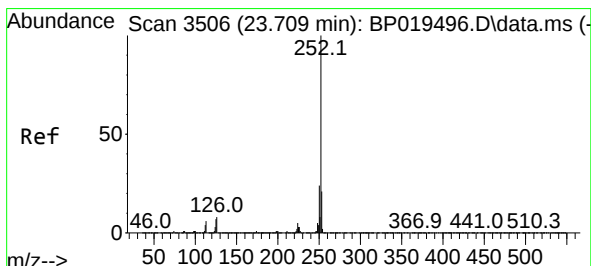
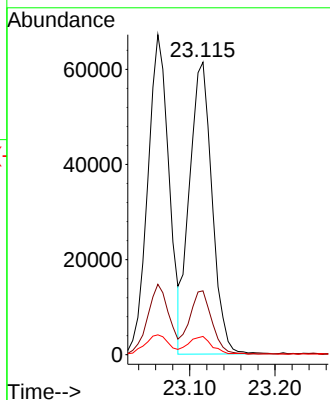
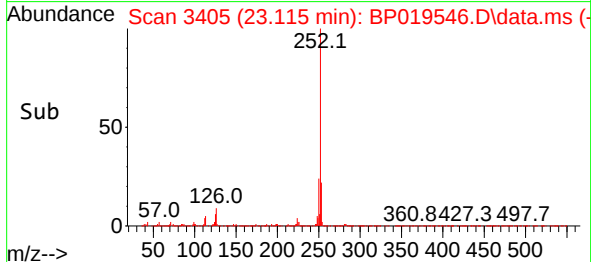
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:252 Resp: 112790
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 6.2 5.0 7.6

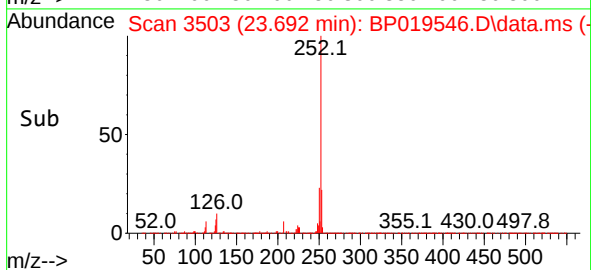
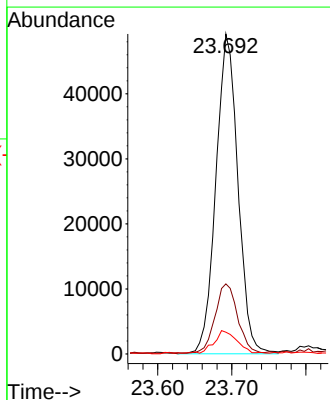
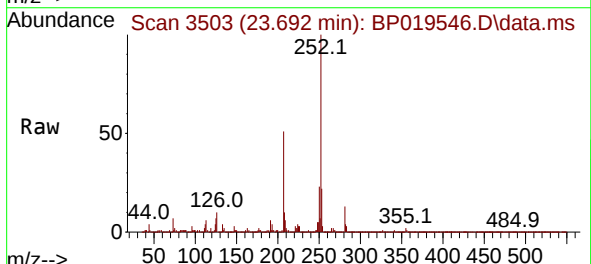
Manual Integrations
APPROVED

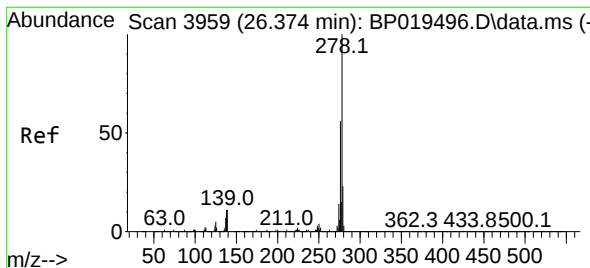
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#90
Benzo(a)pyrene
Concen: 3.476 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.017 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:252 Resp: 101642
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 6.8 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 3.498 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

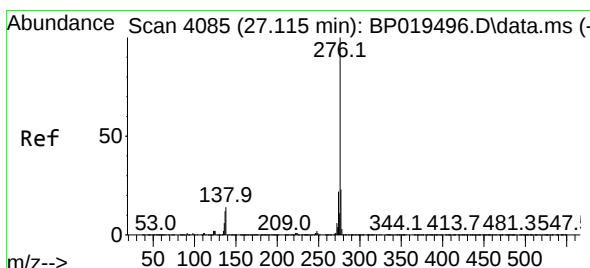
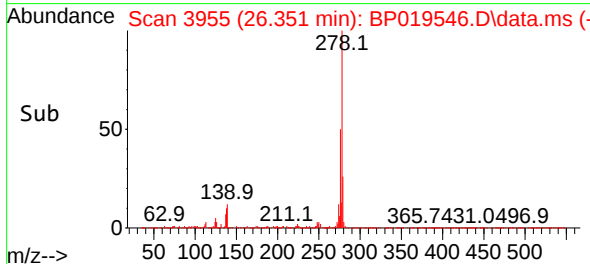
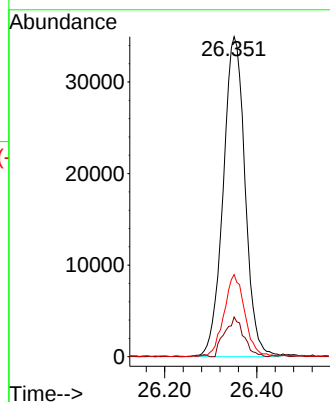
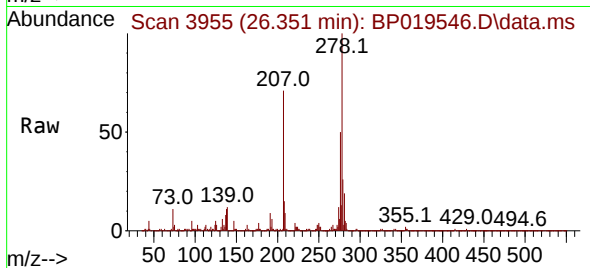
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	278	Resp:	11484
Ion Ratio	Lower	Upper	
278	100		
139	12.4	8.6	12.8
279	25.7	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#92

Benzo(g,h,i)perylene

Concen: 3.286 ng

RT: 27.086 min Scan# 4080

Delta R.T. -0.029 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:	276	Resp:	109428
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	13.3	10.9	16.3

