

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021495.D
 Acq On : 14 Aug 2024 11:24
 Operator : RC/JU
 Sample : P3390-01
 Misc : LOD-MDL-SOIL-4ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 14 11:55:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	350358	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1452428	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	958145	20.000	ng	-0.02
64) Phenanthrene-d10	17.239	188	2125023	20.000	ng	-0.01
76) Chrysene-d12	21.692	240	2161948	20.000	ng	0.00
86) Perylene-d12	25.110	264	2369142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3144403	133.264	ng	0.00
7) Phenol-d6	6.964	99	4465209	129.727	ng	0.00
23) Nitrobenzene-d5	8.946	82	2786207	99.014	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1496148	140.302	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	5619671	89.512	ng	0.00
79) Terphenyl-d14	19.963	244	8875983	79.760	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	48628	4.346	ng	98
3) Pyridine	3.711	79	115945	3.712	ng	98
4) n-Nitrosodimethylamine	3.623	42	40249	4.287	ng	# 98
6) Aniline	7.128	93	165306	4.804	ng	97
8) 2-Chlorophenol	7.369	128	93103	4.270	ng	97
9) Benzaldehyde	6.946	77	122704	5.568	ng	96
10) Phenol	6.987	94	149662	4.199	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	124785	4.137	ng	98
12) 1,3-Dichlorobenzene	7.699	146	104255	4.025	ng	97
13) 1,4-Dichlorobenzene	7.840	146	107220	4.100	ng	99
14) 1,2-Dichlorobenzene	8.158	146	102582	4.070	ng	98
15) Benzyl Alcohol	8.028	79	101144	4.095	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	123233	4.437	ng	99
17) 2-Methylphenol	8.228	107	88805	3.941	ng	97
18) Hexachloroethane	8.887	117	42950	4.095	ng	97
19) n-Nitroso-di-n-propyla...	8.599	70	97025	4.081	ng	97
20) 3+4-Methylphenols	8.552	107	113534	3.737	ng	94
22) Acetophenone	8.611	105	189541	4.248	ng	# 97
24) Nitrobenzene	8.987	77	142350	4.658	ng	100
25) Isophorone	9.510	82	272418	4.098	ng	99
26) 2-Nitrophenol	9.693	139	21194	4.780	ng	93
27) 2,4-Dimethylphenol	9.758	122	63658	3.880	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	169283	4.172	ng	98
29) 2,4-Dichlorophenol	10.228	162	71114	3.669	ng	98
30) 1,2,4-Trichlorobenzene	10.452	180	99108	3.988	ng	99
31) Naphthalene	10.640	128	311582	4.107	ng	100
32) Benzoic acid	9.793	122	18400m	5.676	ng	
33) 4-Chloroaniline	10.734	127	121850	4.275	ng	99
34) Hexachlorobutadiene	10.934	225	61259	3.915	ng	97
35) Caprolactam	11.469	113	29667	3.677	ng	92
36) 4-Chloro-3-methylphenol	11.852	107	96855	3.602	ng	98
37) 2-Methylnaphthalene	12.246	142	209859	4.053	ng	98
38) 1-Methylnaphthalene	12.469	142	201235	3.940	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	117290	4.178	ng	99
41) Hexachlorocyclopentadiene	12.610	237	39103	4.395	ng	95
43) 2,4,6-Trichlorophenol	12.851	196	54149	3.472	ng	99

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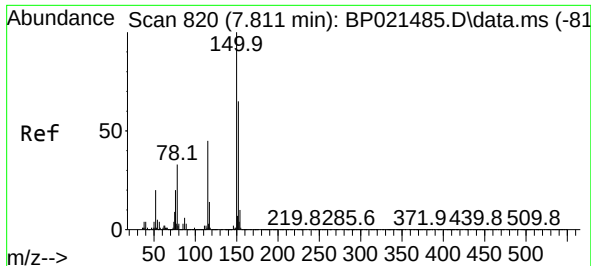
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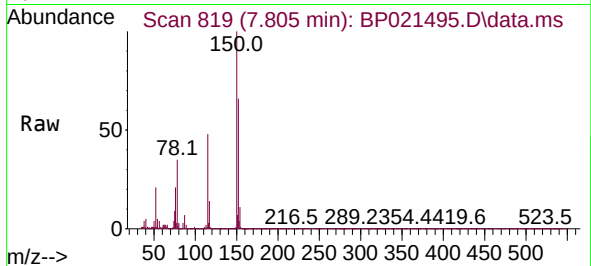
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44) 2,4,5-Trichlorophenol	12.922	196	60658	3.501	ng	95
46) 1,1'-Biphenyl	13.263	154	295102	4.353	ng	99
47) 2-Chloronaphthalene	13.304	162	219191	4.153	ng	98
48) 2-Nitroaniline	13.493	65	40440	7.588	ng	94
49) Acenaphthylene	14.157	152	340505	4.389	ng	100
50) Dimethylphthalate	13.887	163	271260	4.227	ng	100
51) 2,6-Dinitrotoluene	13.998	165	33974	6.392	ng	84
52) Acenaphthene	14.504	154	206764	4.062	ng	97
53) 3-Nitroaniline	14.328	138	36270	6.584	ng	# 93
54) 2,4-Dinitrophenol	14.528	184	8896	6.029	ng	# 39
55) Dibenzofuran	14.840	168	342922	4.379	ng	100
56) 4-Nitrophenol	14.628	139	26006	7.367	ng	93
57) 2,4-Dinitrotoluene	14.793	165	36163	6.989	ng	97
58) Fluorene	15.498	166	274225	4.263	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	54385	3.698	ng	98
60) Diethylphthalate	15.275	149	269091	4.087	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	139478	4.194	ng	99
62) 4-Nitroaniline	15.498	138	36071	5.524	ng	# 78
63) Azobenzene	15.798	77	358902	4.435	ng	97
65) 4,6-Dinitro-2-methylph...	15.569	198	12637	7.119	ng	97
66) n-Nitrosodiphenylamine	15.716	169	229883	4.037	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	81998	3.646	ng	97
68) Hexachlorobenzene	16.528	284	104732	3.941	ng	96
69) Atrazine	16.681	200	78807	4.031	ng	98
70) Pentachlorophenol	16.875	266	39616	2.731	ng	96
71) Phenanthrene	17.287	178	439284	4.298	ng	98
72) Anthracene	17.375	178	417743	4.168	ng	99
73) Carbazole	17.645	167	384592	3.982	ng	100
74) Di-n-butylphthalate	18.251	149	425703	3.589	ng	99
75) Fluoranthene	19.363	202	494621	3.945	ng	98
77) Benzidine	19.551	184	135861	6.639	ng	97
78) Pyrene	19.739	202	528035	3.737	ng	99
80) Butylbenzylphthalate	20.698	149	126785	5.789	ng	92
81) Benzo(a)anthracene	21.675	228	548856	4.044	ng	100
82) 3,3'-Dichlorobenzidine	21.586	252	154112	3.542	ng	99
83) Chrysene	21.739	228	522941	4.081	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	250872	3.128	ng	98
85) Di-n-octyl phthalate	22.951	149	331684	6.953	ng	97
87) Indeno(1,2,3-cd)pyrene	28.962	276	571418m	3.721	ng	
88) Benzo(b)fluoranthene	24.021	252	511881	3.762	ng	100
89) Benzo(k)fluoranthene	24.092	252	516275	3.890	ng	99
90) Benzo(a)pyrene	24.927	252	447722	3.792	ng	99
91) Dibenzo(a,h)anthracene	29.062	278	479296	3.756	ng	98
92) Benzo(g,h,i)perylene	30.145	276	469572	3.672	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

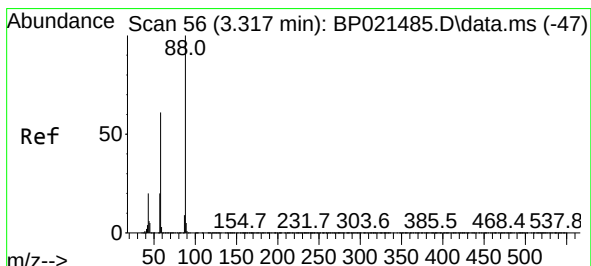
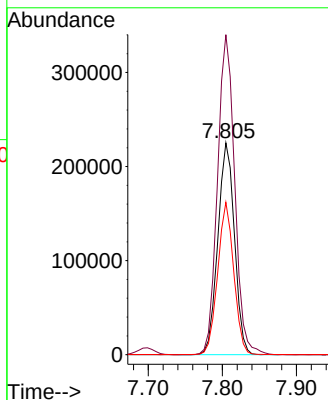
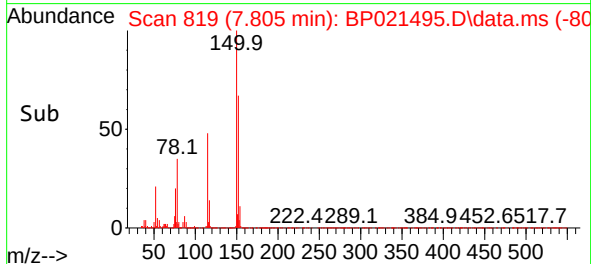
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:152 Resp: 350358
Ion Ratio Lower Upper
152 100
150 151.1 122.4 183.6
115 71.9 54.7 82.1

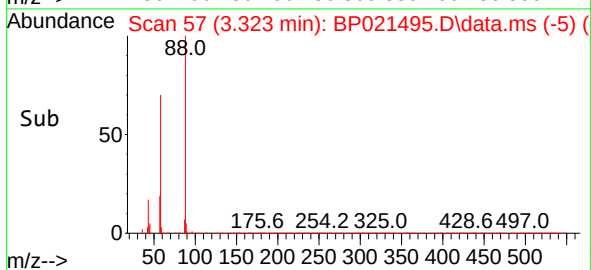
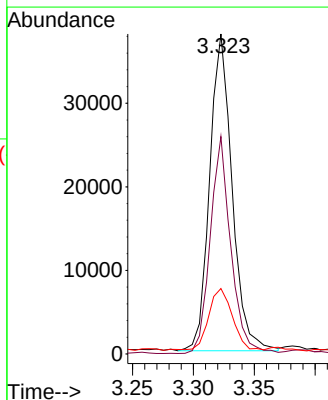
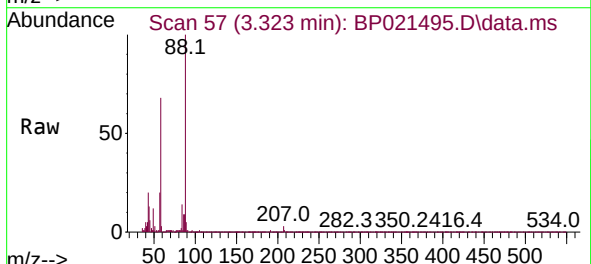
Manual Integrations
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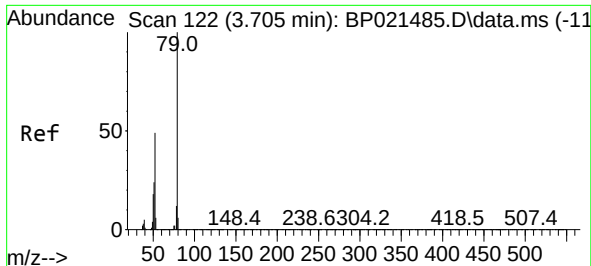
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 4.346 ng
RT: 3.323 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 88 Resp: 48628
Ion Ratio Lower Upper
88 100
58 62.6 48.7 73.1
43 20.0 15.4 23.2





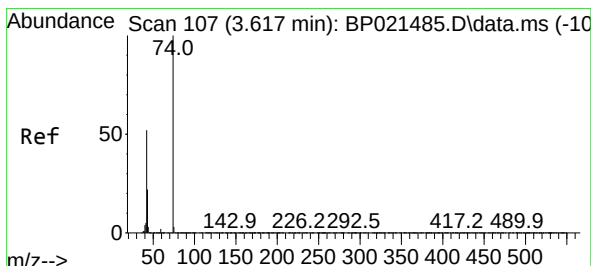
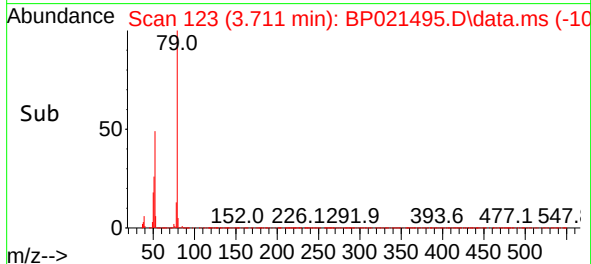
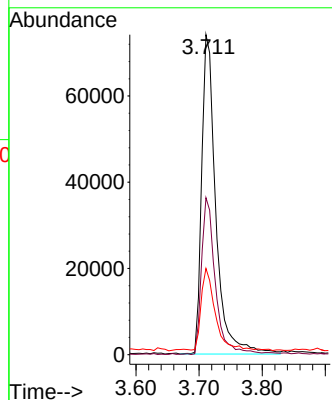
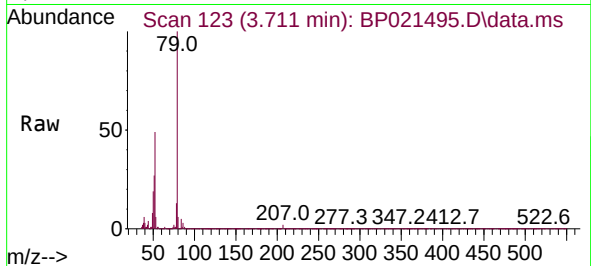
#3
Pyridine
Concen: 3.712 ng
RT: 3.711 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 79 Resp: 11594
Ion Ratio Lower Upper
79 100
52 49.1 39.0 58.6
51 27.0 19.2 28.8

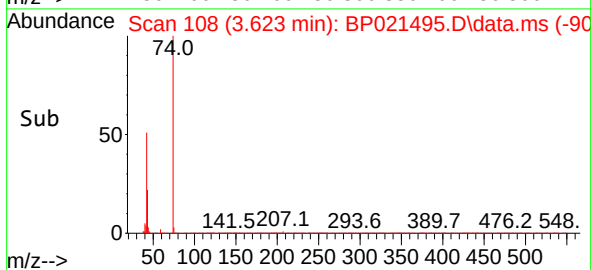
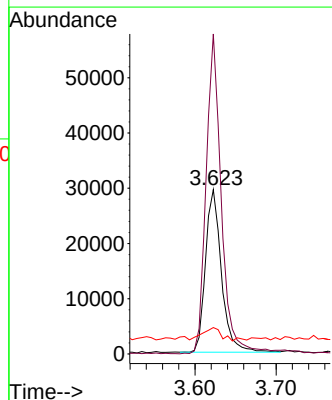
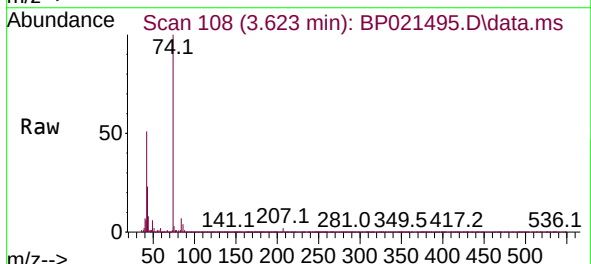
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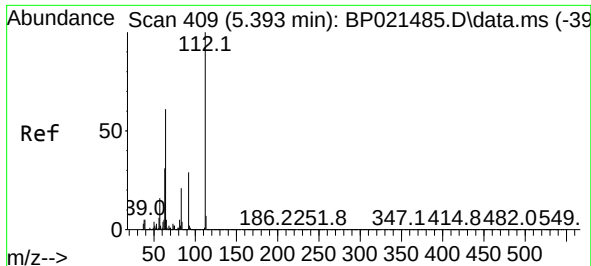
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#4
n-Nitrosodimethylamine
Concen: 4.287 ng
RT: 3.623 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 42 Resp: 40249
Ion Ratio Lower Upper
42 100
74 194.7 154.3 231.5
44 16.1 6.2 9.4#





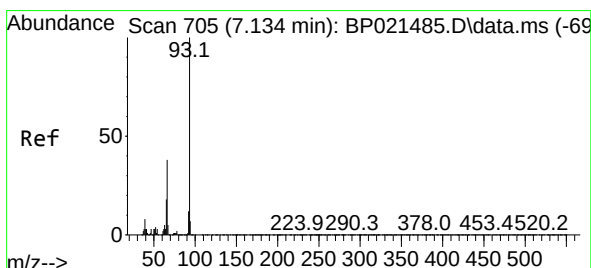
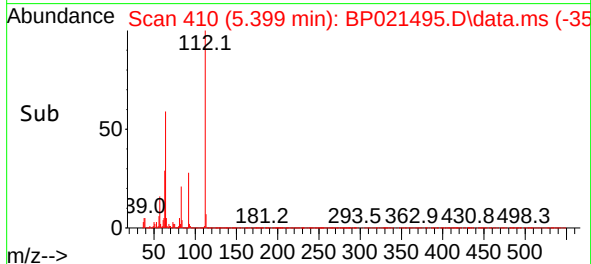
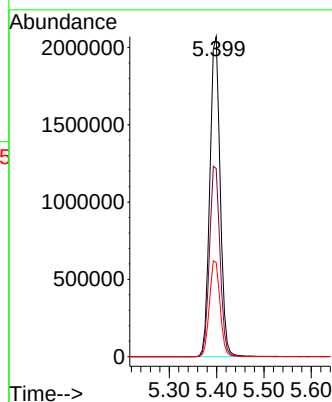
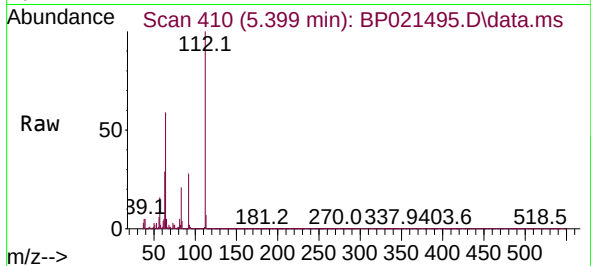
#5
2-Fluorophenol
Concen: 133.264 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:112 Resp: 314440
Ion Ratio Lower Upper
112 100
64 58.8 49.0 73.6
63 29.4 24.6 36.8

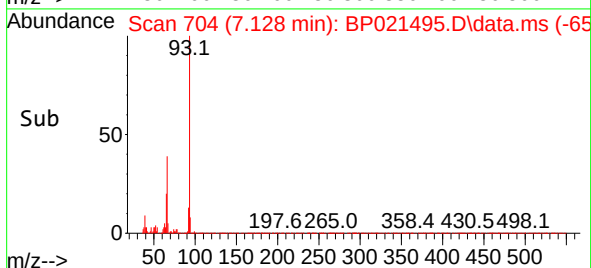
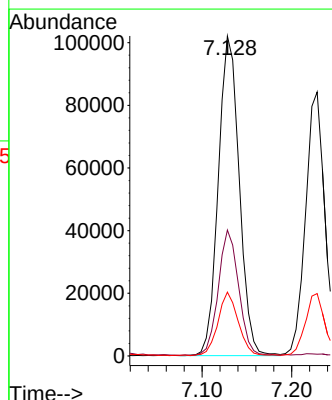
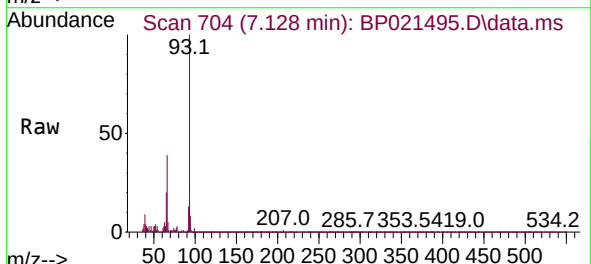
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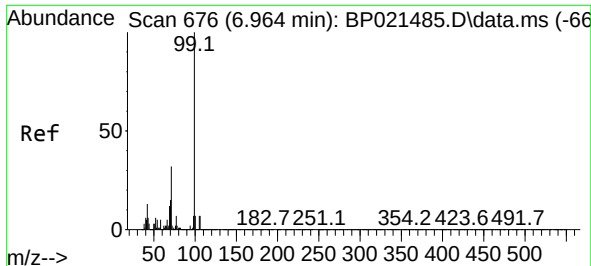
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#6
Aniline
Concen: 4.804 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

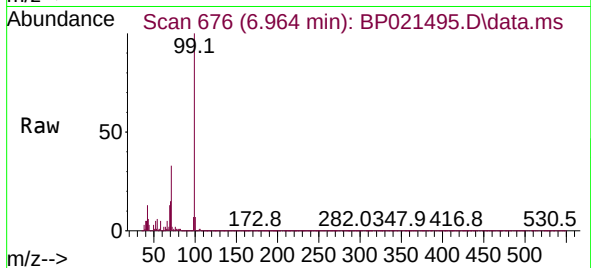
Tgt Ion: 93 Resp: 165306
Ion Ratio Lower Upper
93 100
66 39.3 30.2 45.2
65 20.0 14.7 22.1





#7
Phenol-d6
Concen: 129.727 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

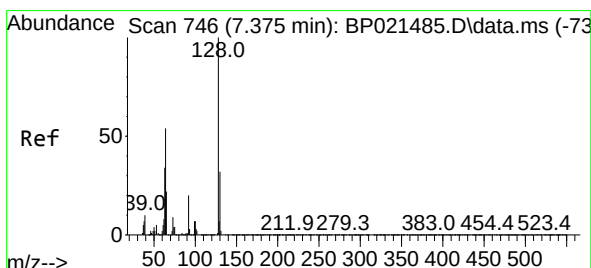
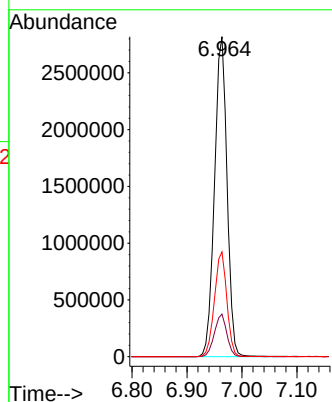
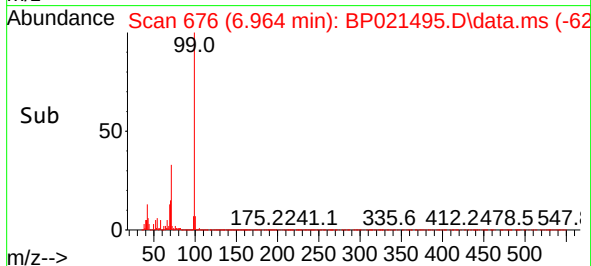
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 99 Resp: 4465209
Ion Ratio Lower Upper
99 100
42 13.3 10.2 15.4
71 32.8 25.8 38.8

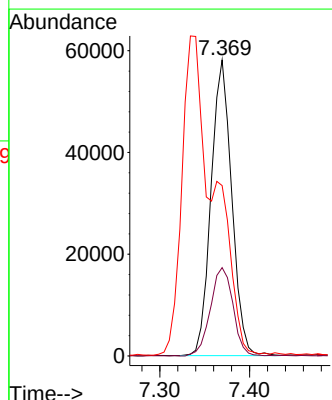
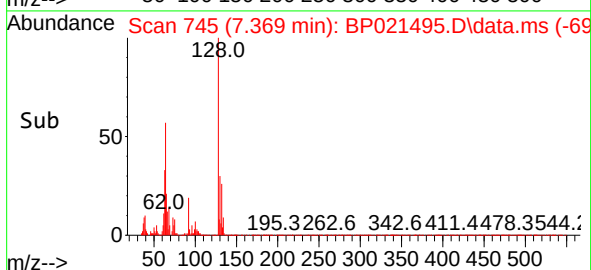
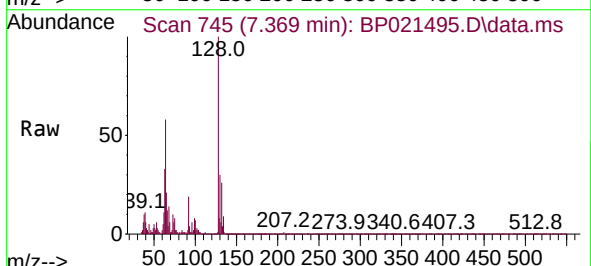
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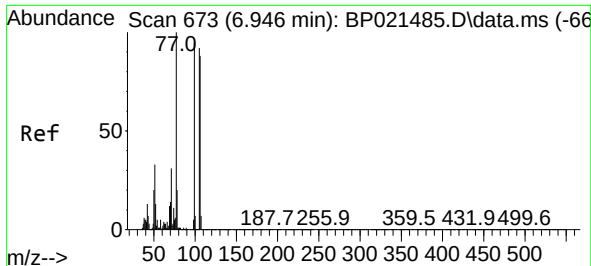
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#8
2-Chlorophenol
Concen: 4.270 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:128 Resp: 93103
Ion Ratio Lower Upper
128 100
130 29.9 11.6 51.6
64 57.6 35.3 75.3





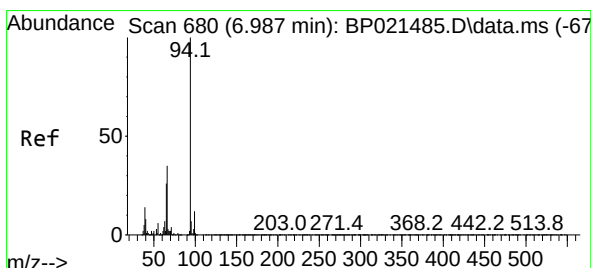
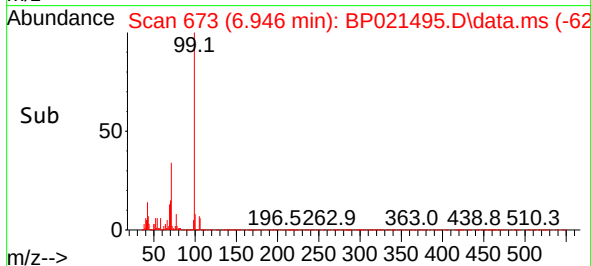
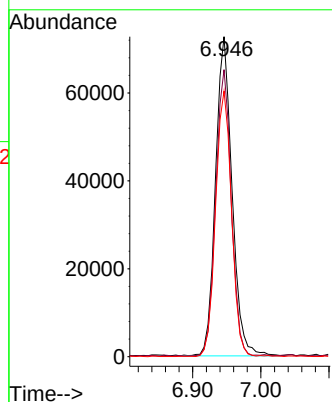
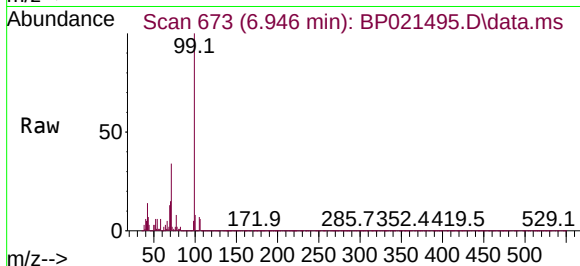
#9
Benzaldehyde
Concen: 5.568 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 77 Resp: 122704
Ion Ratio Lower Upper
77 100
105 89.7 72.1 112.1
106 83.0 67.9 107.9

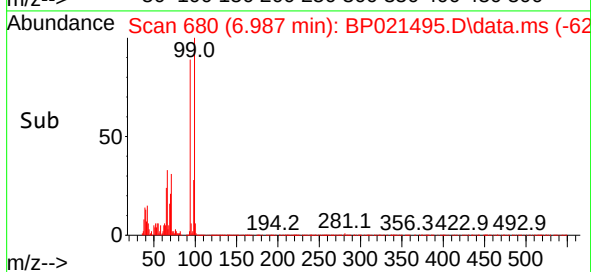
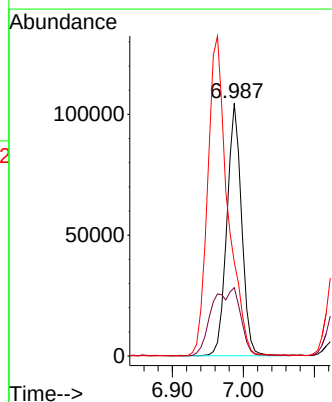
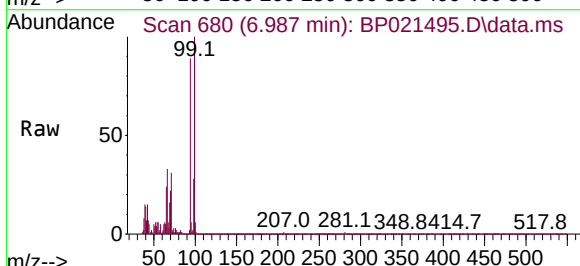
Manual Integrations
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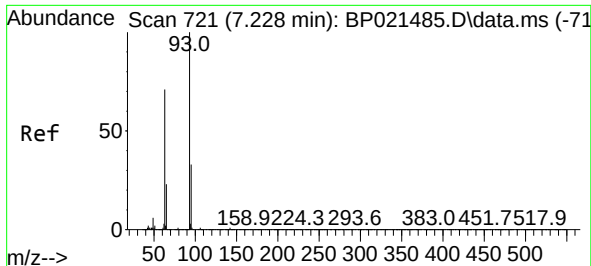
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#10
Phenol
Concen: 4.199 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

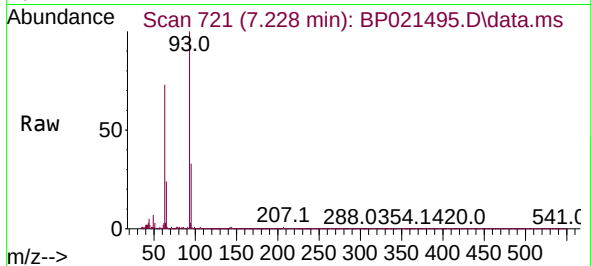
Tgt Ion: 94 Resp: 149662
Ion Ratio Lower Upper
94 100
65 27.0 6.5 46.5
66 37.1 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 4.137 ng
RT: 7.228 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

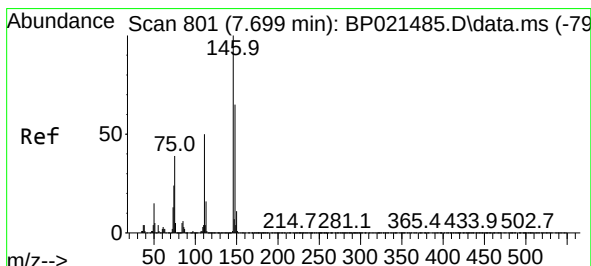
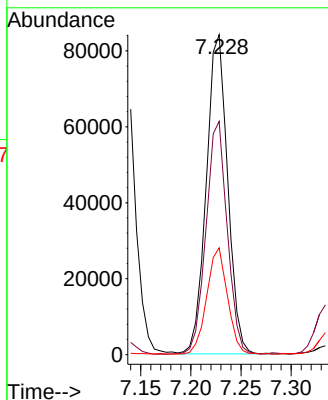
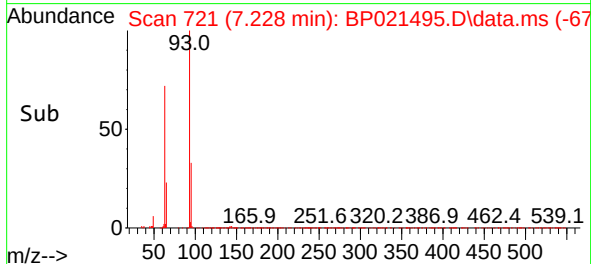
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



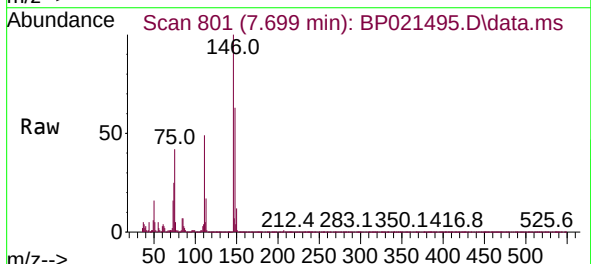
Tgt Ion: 93 Resp: 124785
Ion Ratio Lower Upper
93 100
63 72.9 51.0 91.0
95 33.4 12.9 52.9

Manual Integrations
APPROVED

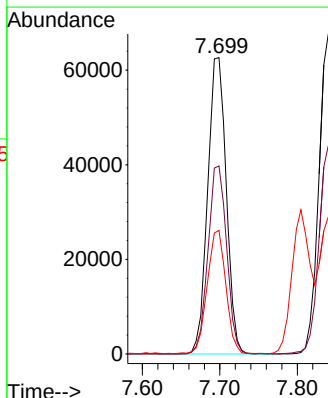
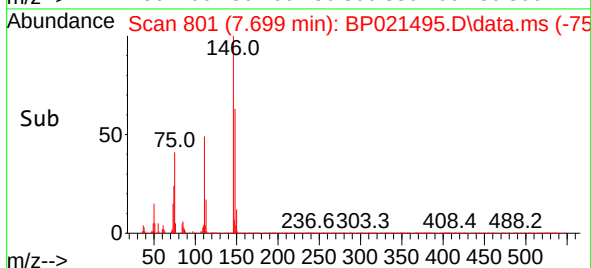
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

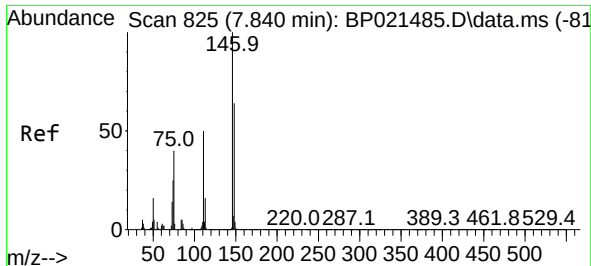


#12
1,3-Dichlorobenzene
Concen: 4.025 ng
RT: 7.699 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



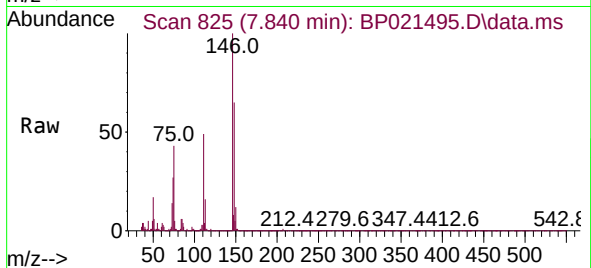
Tgt Ion:146 Resp: 104255
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 41.7 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 4.100 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

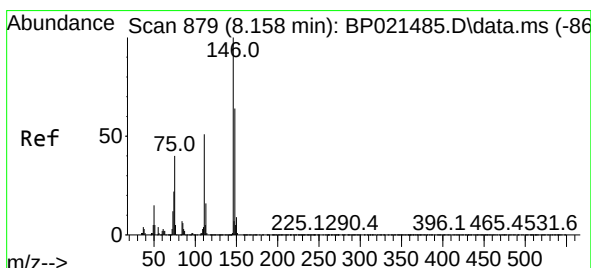
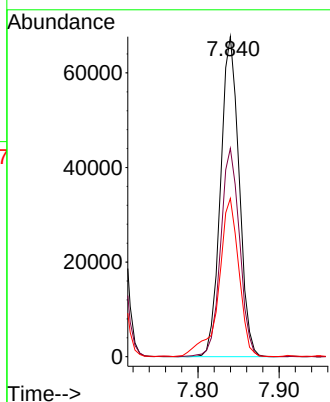
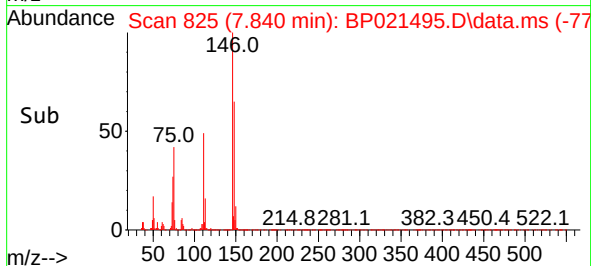
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



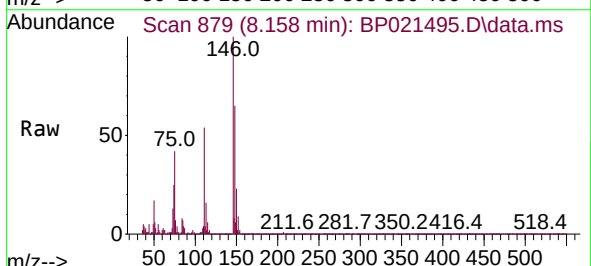
Tgt Ion:146 Resp: 107220
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 49.5 40.3 60.5

Manual Integrations
APPROVED

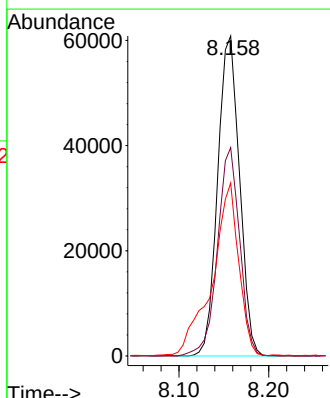
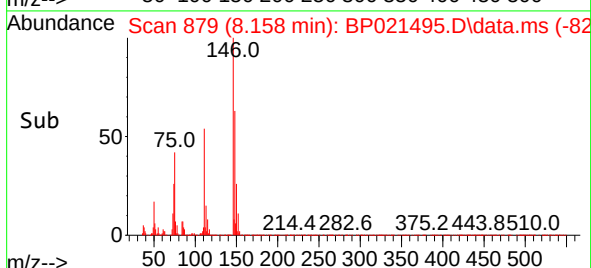
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

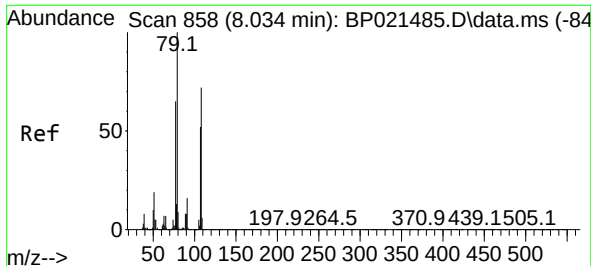


#14
1,2-Dichlorobenzene
Concen: 4.070 ng
RT: 8.158 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



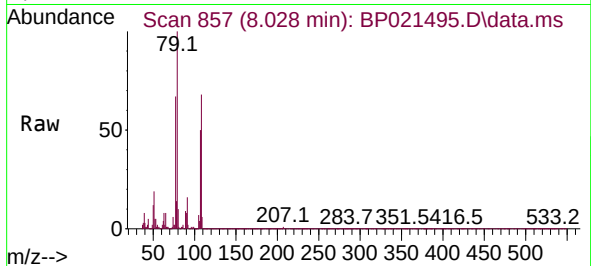
Tgt Ion:146 Resp: 102582
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 54.1 41.1 61.7





#15
Benzyl Alcohol
Concen: 4.095 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

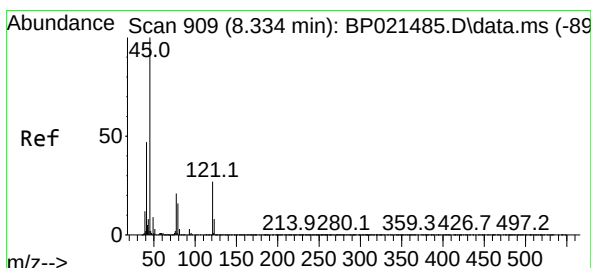
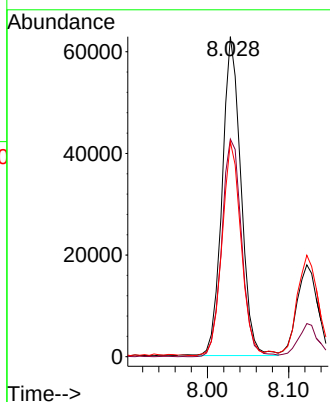
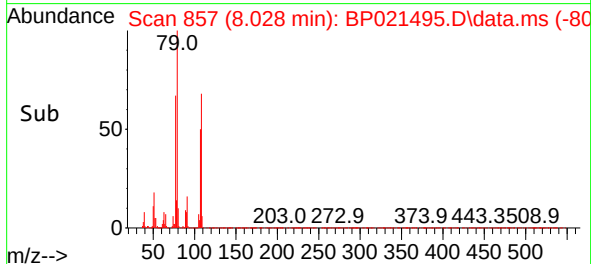
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 79 Resp: 101144
Ion Ratio Lower Upper
79 100
108 68.0 57.9 86.9
77 67.2 51.8 77.8

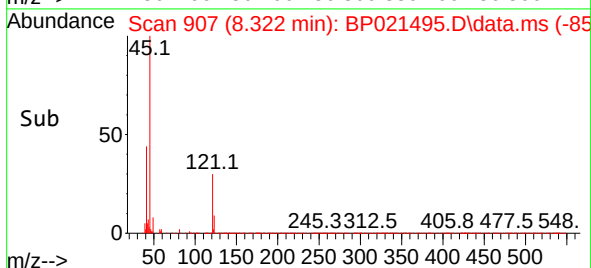
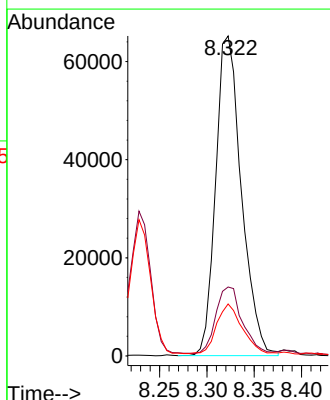
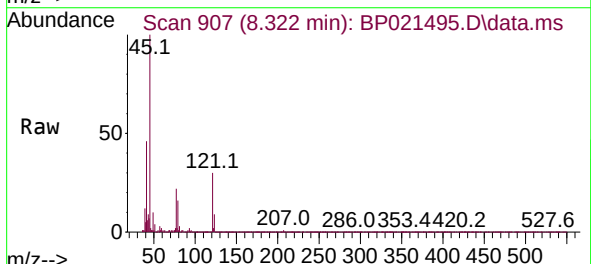
Manual Integrations
APPROVED

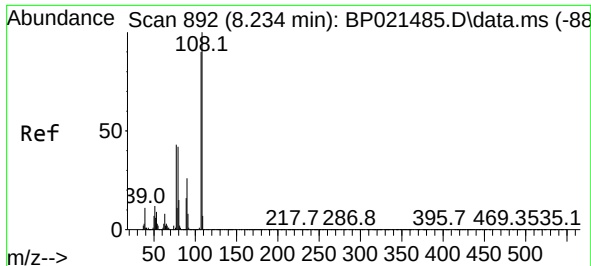
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.437 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 45 Resp: 123233
Ion Ratio Lower Upper
45 100
77 21.5 1.9 41.9
79 16.3 0.0 36.6





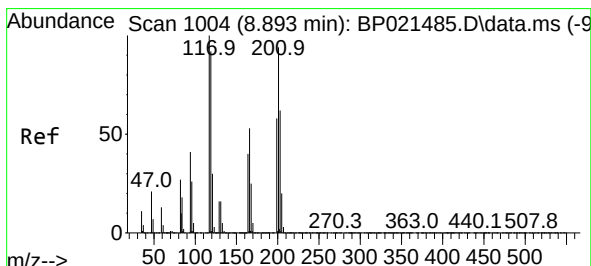
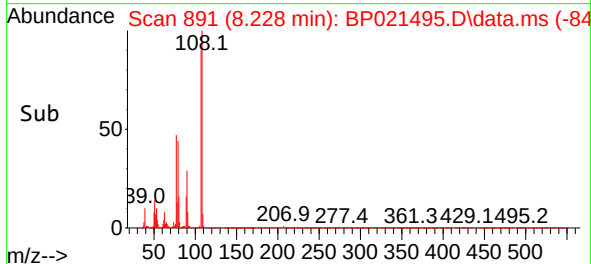
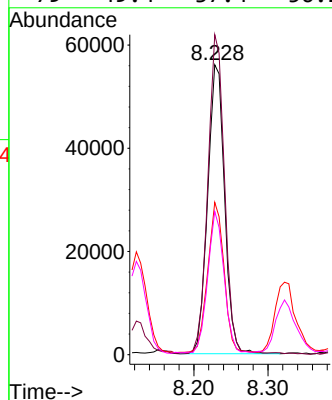
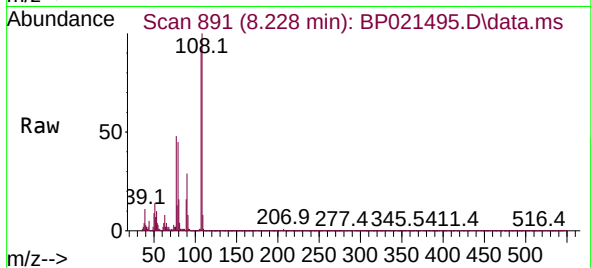
#17
2-Methylphenol
Concen: 3.941 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	107	Resp:	8880
Ion Ratio	Lower	Upper	
107	100		
108	110.4	88.8	133.2
77	52.5	38.7	58.1
79	49.4	37.4	56.2

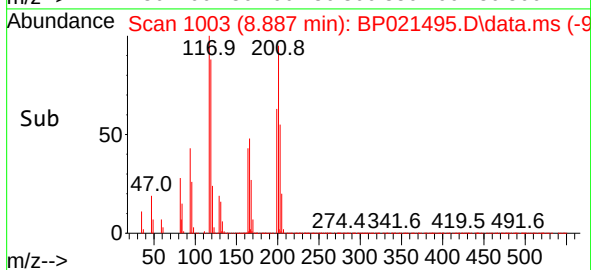
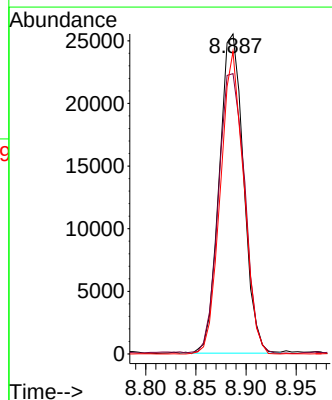
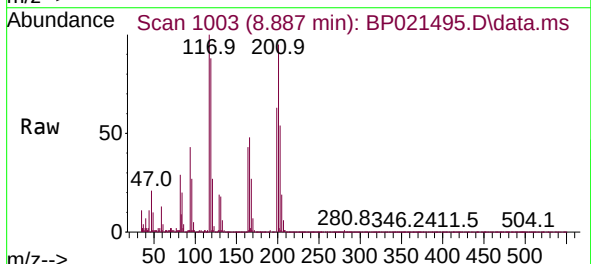
Manual Integrations
APPROVED

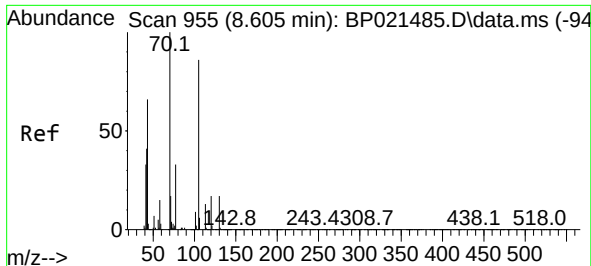
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 4.095 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

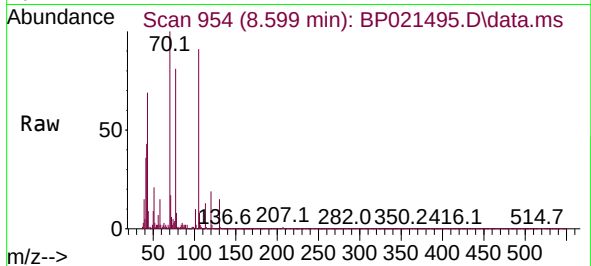
Tgt Ion:	117	Resp:	42950
Ion Ratio	Lower	Upper	
117	100		
119	87.6	73.9	110.9
201	94.6	74.9	112.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.081 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

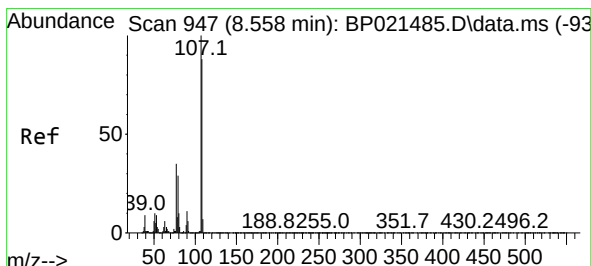
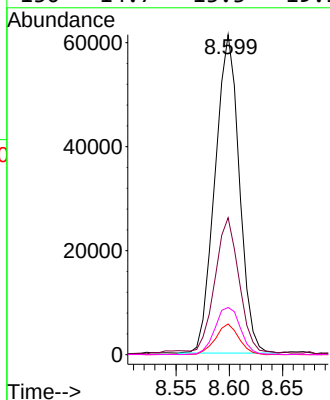
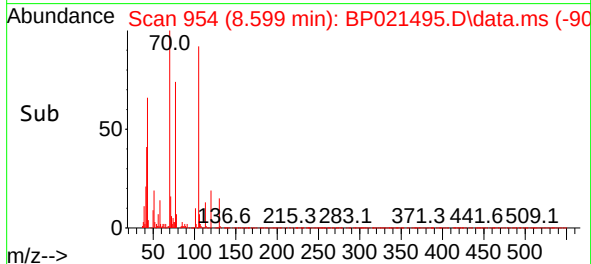
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



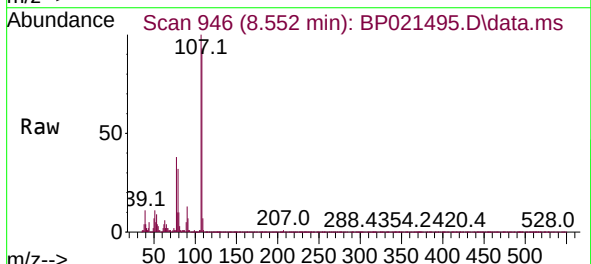
Tgt Ion: 70 Resp: 97025
Ion Ratio Lower Upper
70 100
42 42.8 33.1 49.7
101 9.6 7.4 11.2
130 14.7 13.3 19.9

Manual Integrations
APPROVED

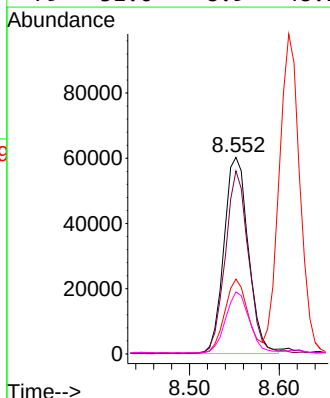
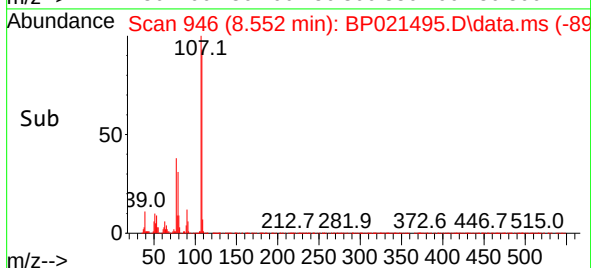
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

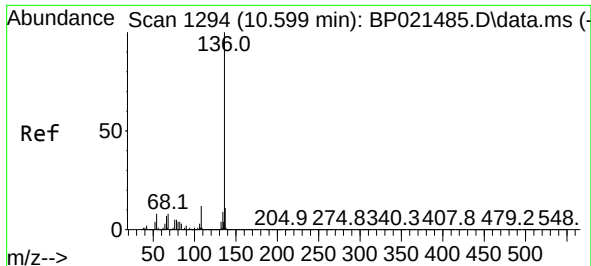


#20
3+4-Methylphenols
Concen: 3.737 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



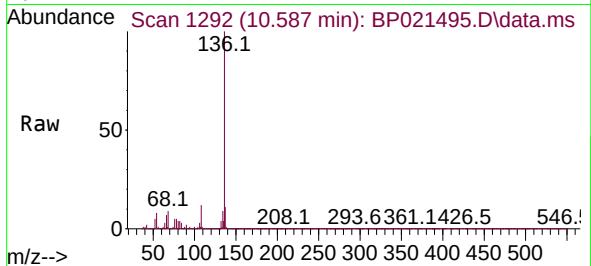
Tgt Ion:107 Resp: 113534
Ion Ratio Lower Upper
107 100
108 93.0 67.6 107.6
77 38.1 15.0 55.0
79 31.6 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

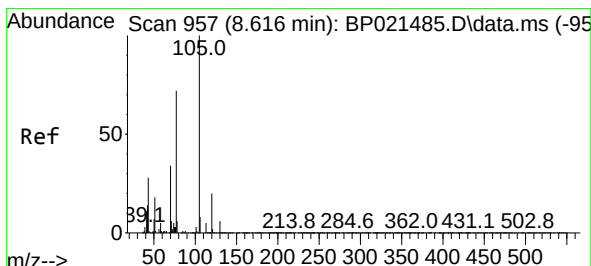
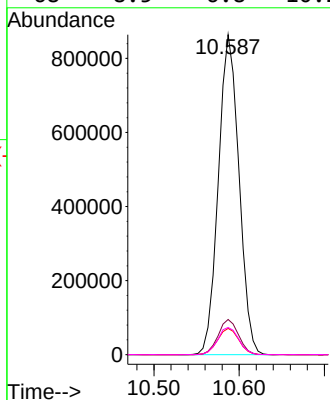
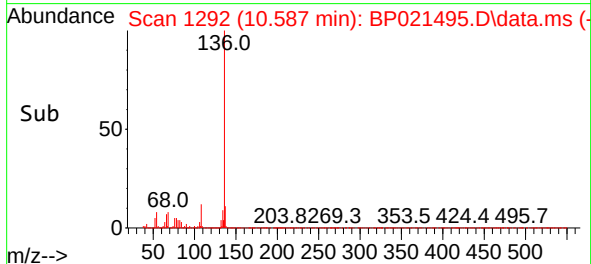
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:136 Resp: 1452428
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 6.3 9.5
68 8.5 6.8 10.2

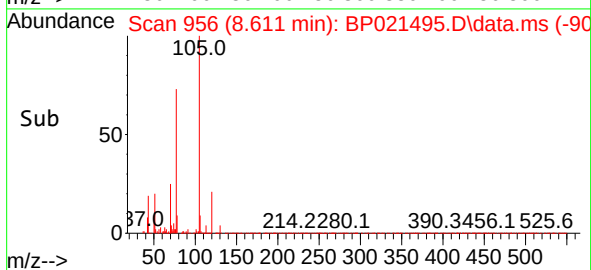
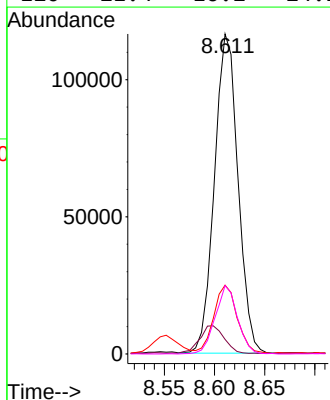
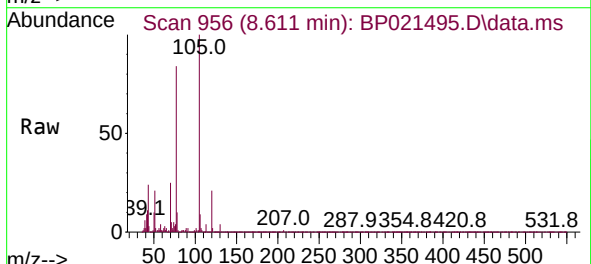
Manual Integrations
APPROVED

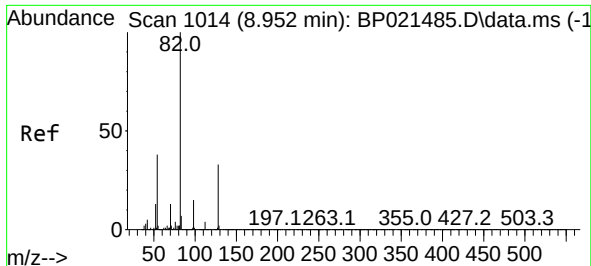
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#22
Acetophenone
Concen: 4.248 ng
RT: 8.611 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:105 Resp: 189541
Ion Ratio Lower Upper
105 100
71 4.5 4.6 7.0#
51 21.5 16.3 24.5
120 21.4 16.2 24.2





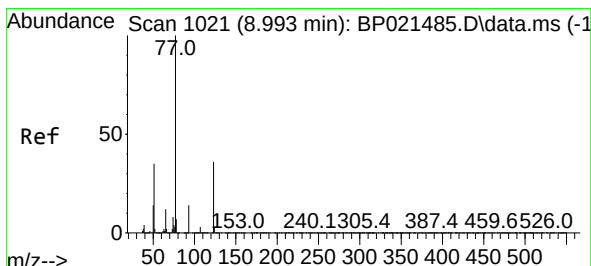
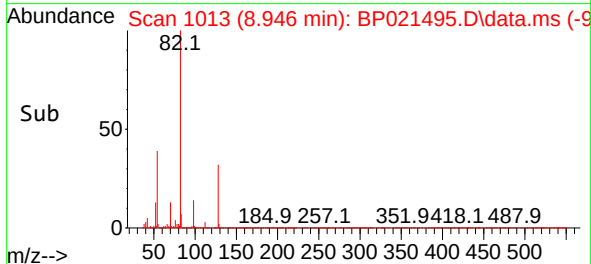
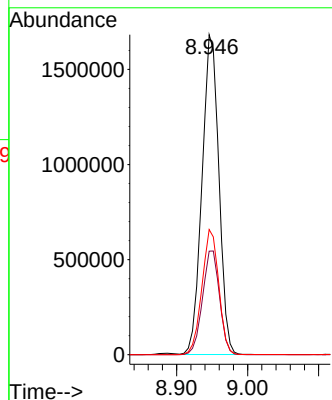
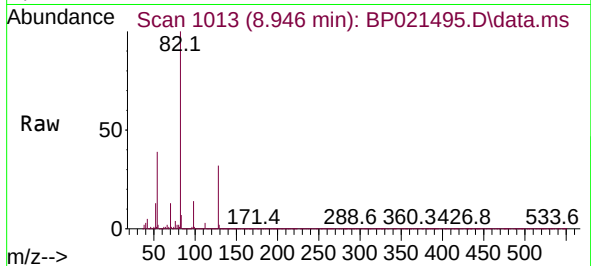
#23
Nitrobenzene-d5
Concen: 99.014 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 82 Resp: 278620
Ion Ratio Lower Upper
82 100
128 32.3 26.5 39.7
54 39.1 30.3 45.5

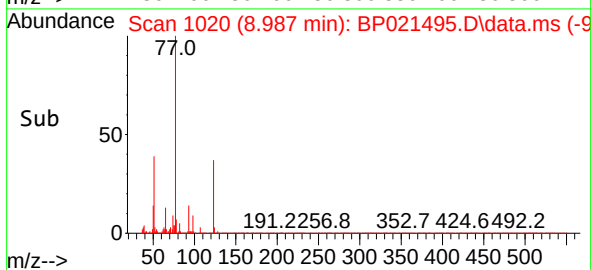
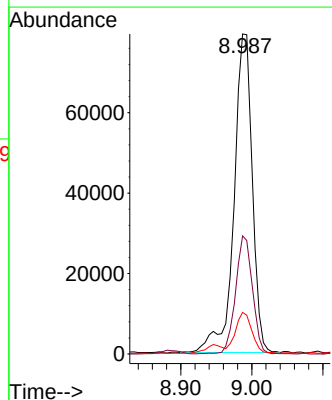
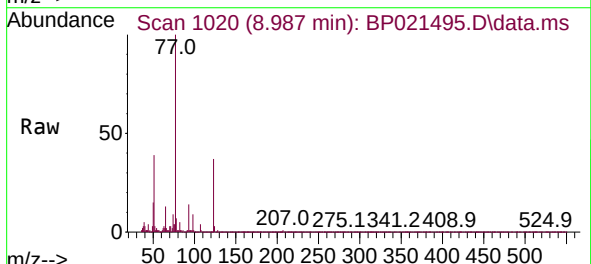
Manual Integrations
APPROVED

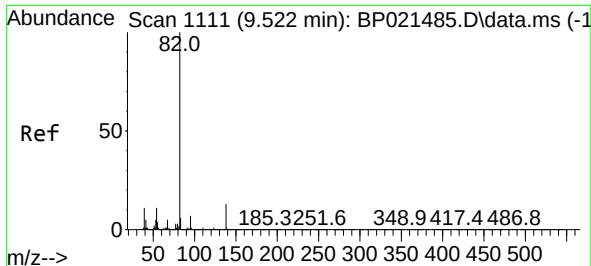
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#24
Nitrobenzene
Concen: 4.658 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 77 Resp: 142350
Ion Ratio Lower Upper
77 100
123 36.9 29.5 44.3
65 13.0 9.9 14.9





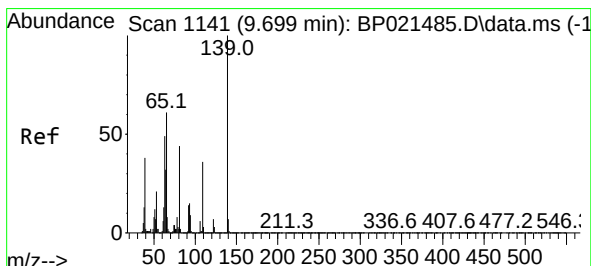
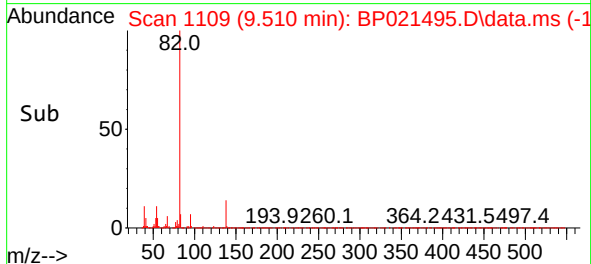
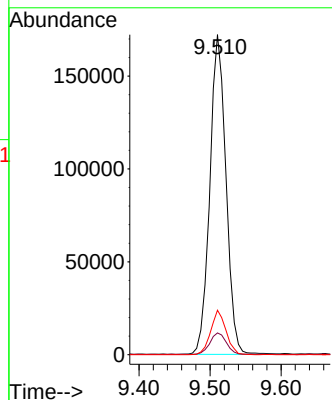
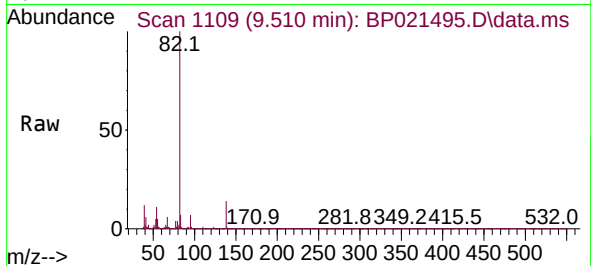
#25
Isophorone
Concen: 4.098 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 82 Resp: 272418
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 13.9 10.6 16.0

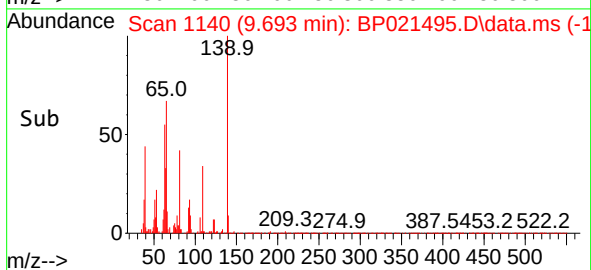
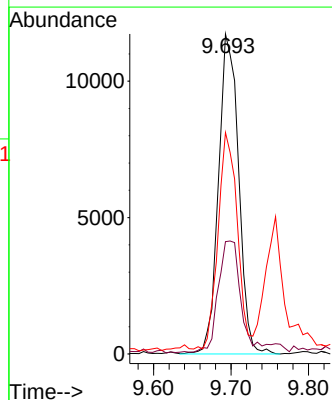
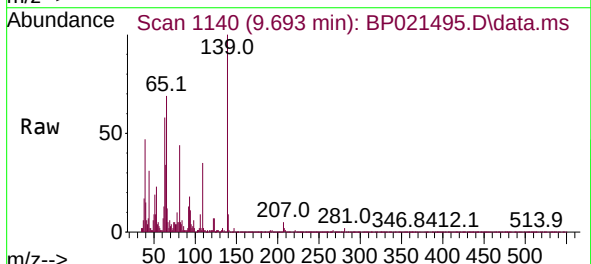
Manual Integrations
APPROVED

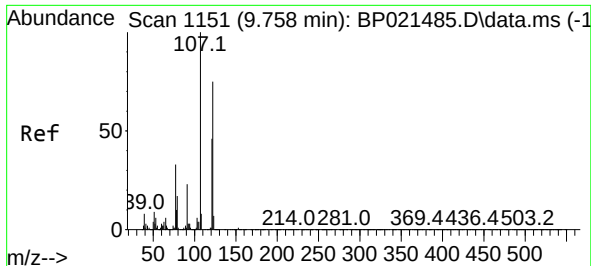
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#26
2-Nitrophenol
Concen: 4.780 ng
RT: 9.693 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

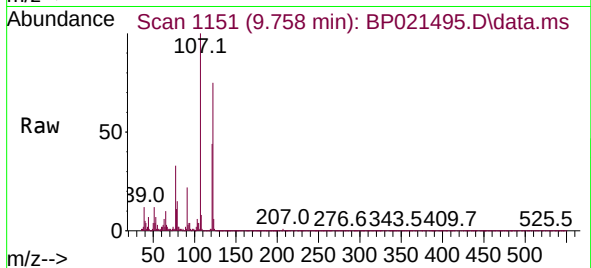
Tgt Ion:139 Resp: 21194
Ion Ratio Lower Upper
139 100
109 35.1 28.9 43.3
65 69.2 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 3.880 ng
RT: 9.758 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

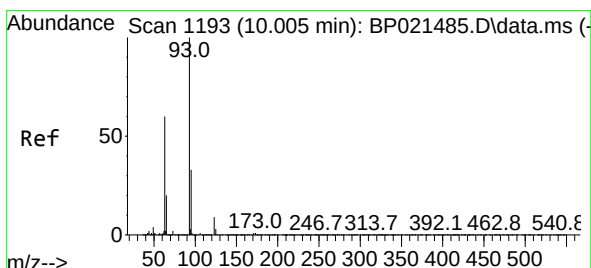
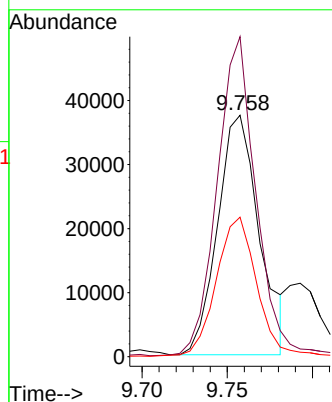
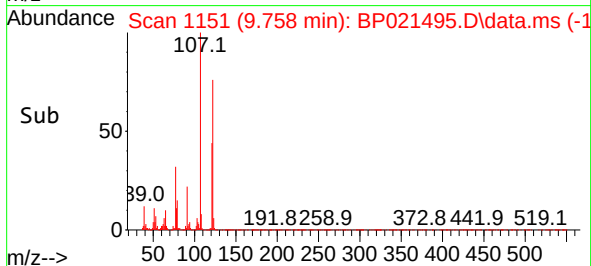
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



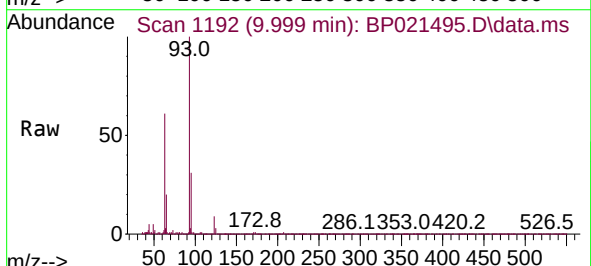
Tgt Ion:122 Resp: 63658
Ion Ratio Lower Upper
122 100
107 132.5 106.2 159.4
121 57.8 48.8 73.2

Manual Integrations
APPROVED

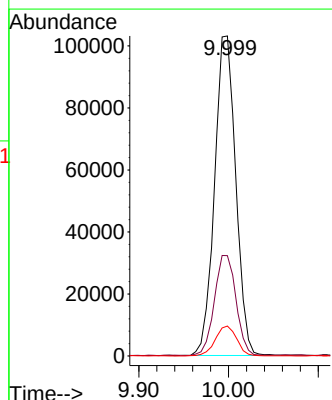
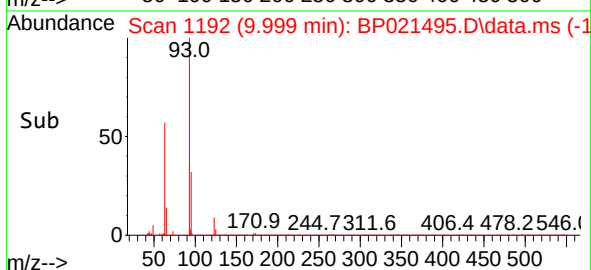
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

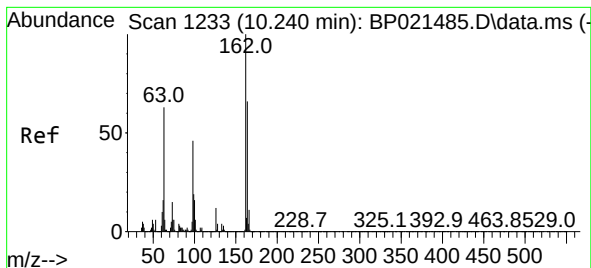


#28
bis(2-Chloroethoxy)methane
Concen: 4.172 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



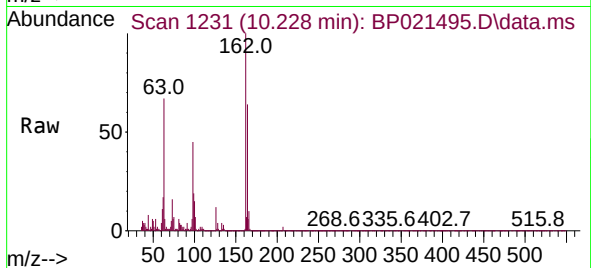
Tgt Ion: 93 Resp: 169283
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 9.3 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 3.669 ng
RT: 10.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

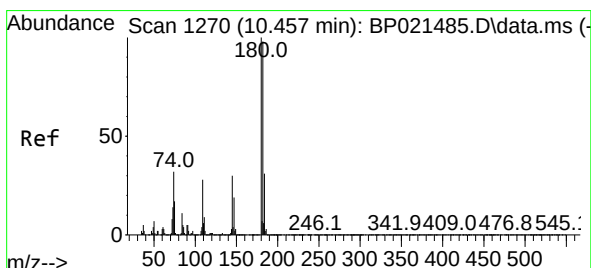
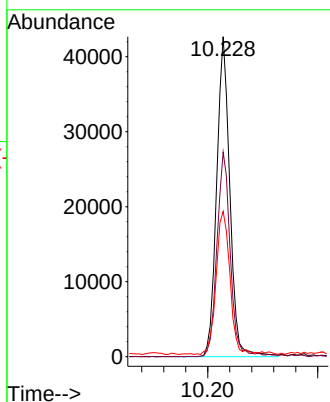
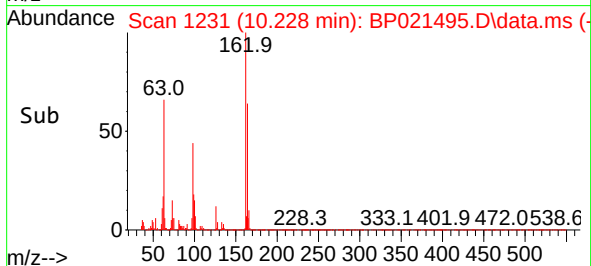
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



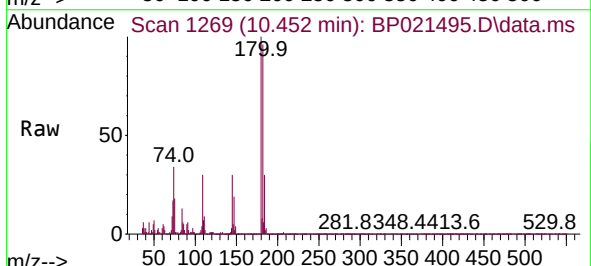
Tgt Ion:162 Resp: 71114
Ion Ratio Lower Upper
162 100
164 63.9 45.9 85.9
98 45.4 26.3 66.3

Manual Integrations
APPROVED

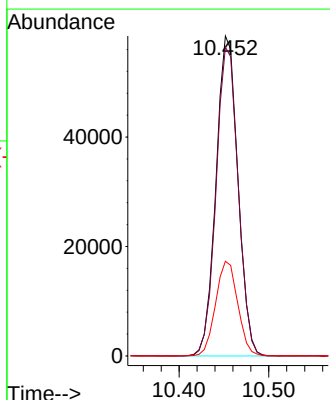
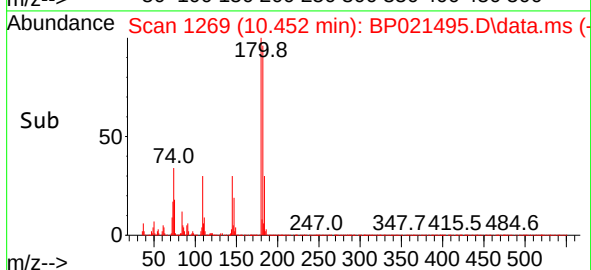
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

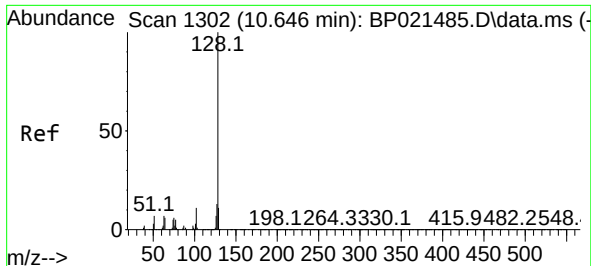


#30
1,2,4-Trichlorobenzene
Concen: 3.988 ng
RT: 10.452 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



Tgt Ion:180 Resp: 99108
Ion Ratio Lower Upper
180 100
182 96.5 78.3 117.5
145 29.6 24.0 36.0





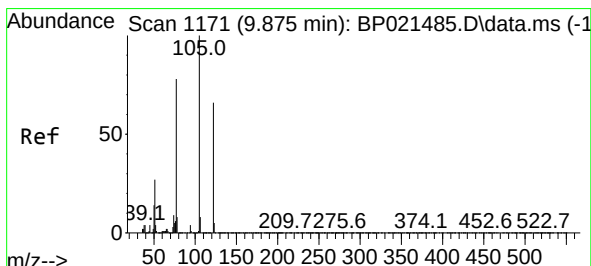
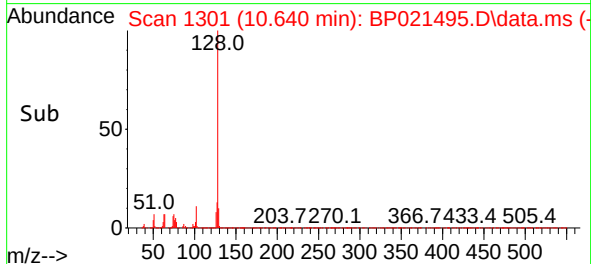
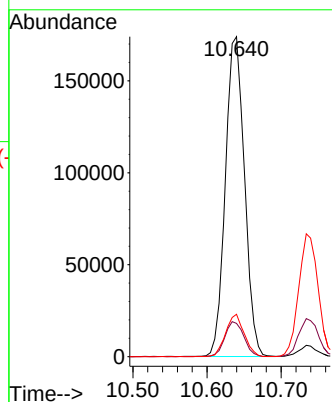
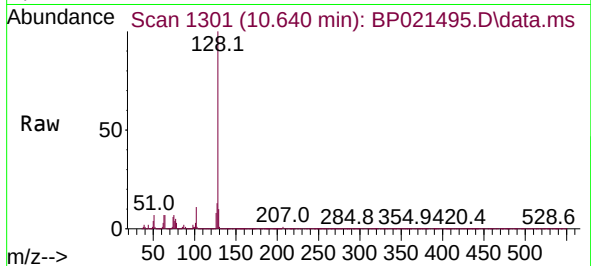
#31
Naphthalene
Concen: 4.107 ng
RT: 10.640 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:128 Resp: 31158
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.2 10.6 15.8

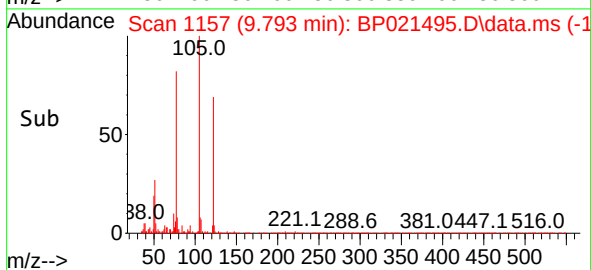
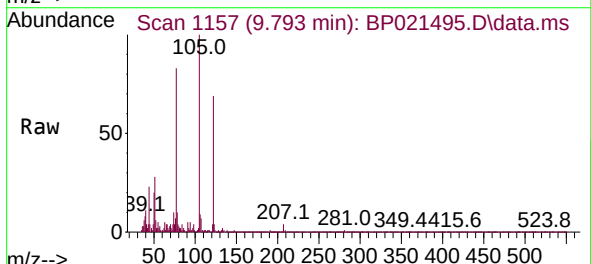
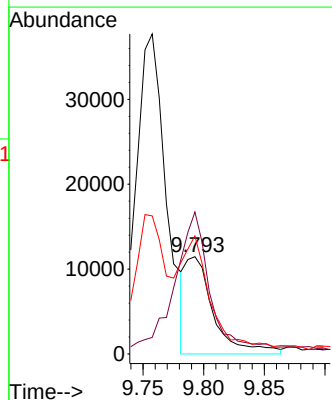
Manual Integrations
APPROVED

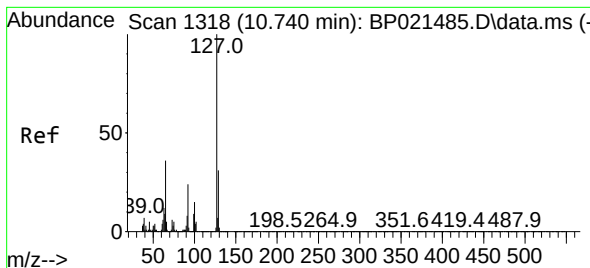
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 5.676 ng m
RT: 9.793 min Scan# 1157
Delta R.T. -0.082 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:122 Resp: 18400
Ion Ratio Lower Upper
122 100
105 145.9 124.6 164.6
77 121.3 96.2 136.2





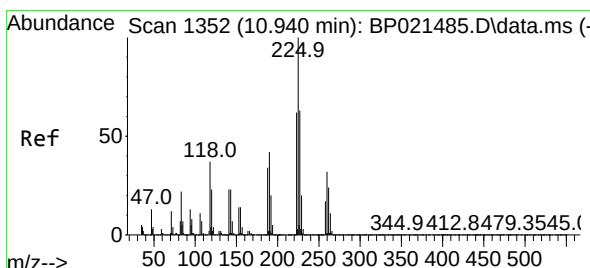
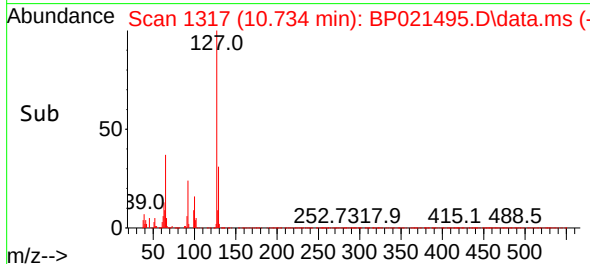
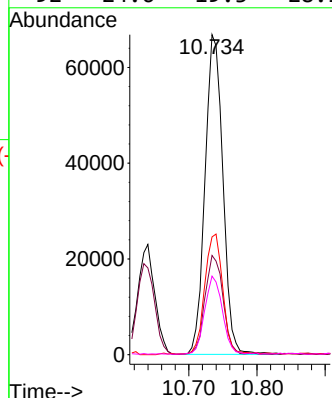
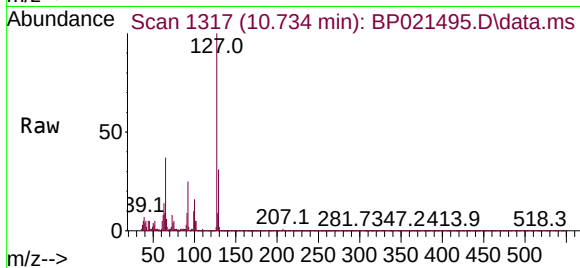
#33
4-Chloroaniline
Concen: 4.275 ng
RT: 10.734 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.5	36.7
65	36.8	28.9	43.3
92	24.6	19.3	28.9

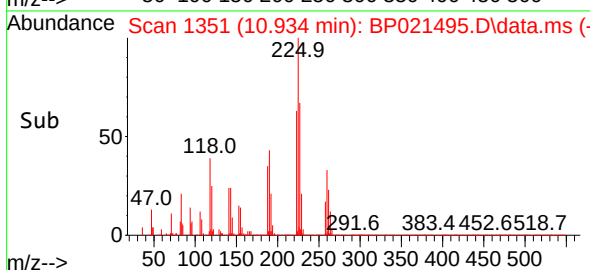
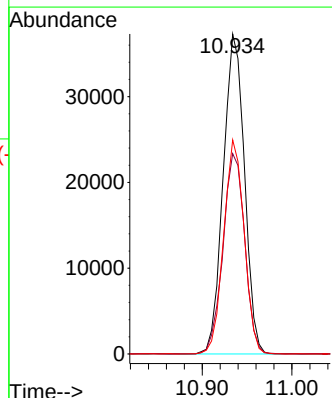
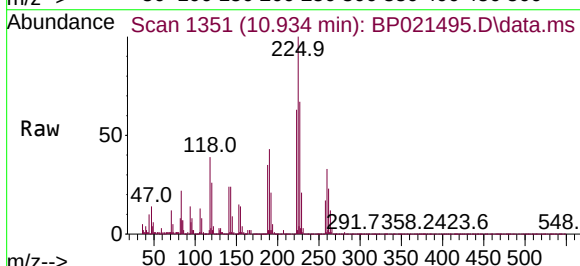
Manual Integrations
APPROVED

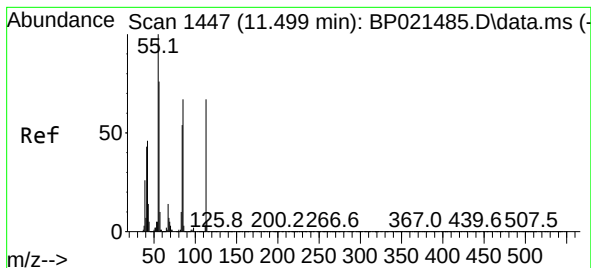
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#34
Hexachlorobutadiene
Concen: 3.915 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

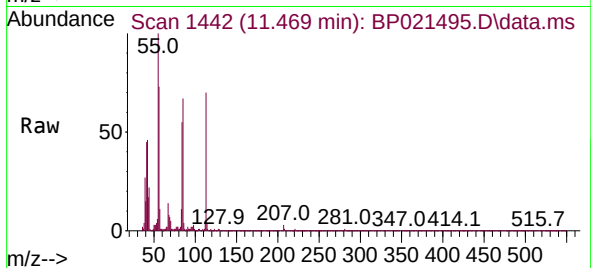
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	66.9	50.1	75.1





#35
Caprolactam
Concen: 3.677 ng
RT: 11.469 min Scan# 1447
Delta R.T. -0.029 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

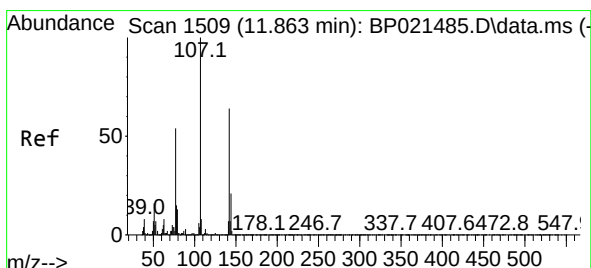
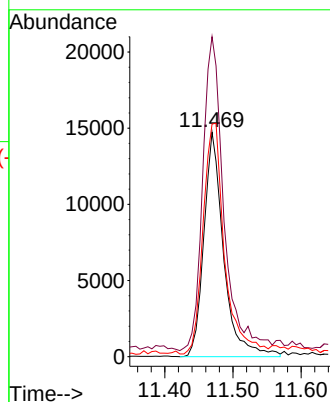
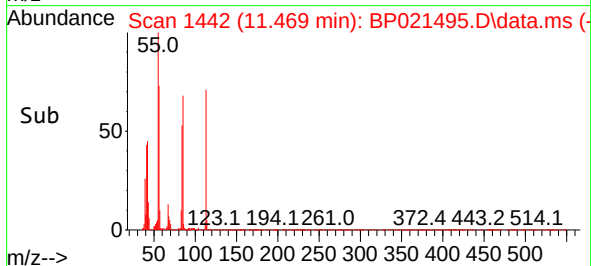
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



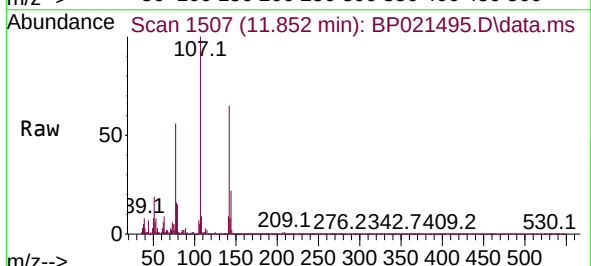
Tgt Ion:113 Resp: 2966
Ion Ratio Lower Upper
113 100
55 142.6 130.6 170.6
56 103.7 94.6 134.6

Manual Integrations
APPROVED

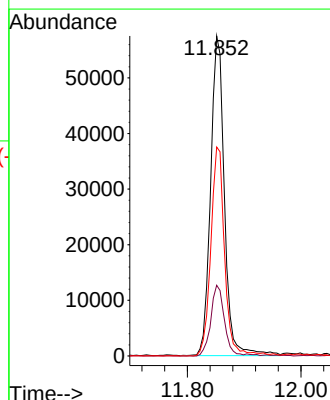
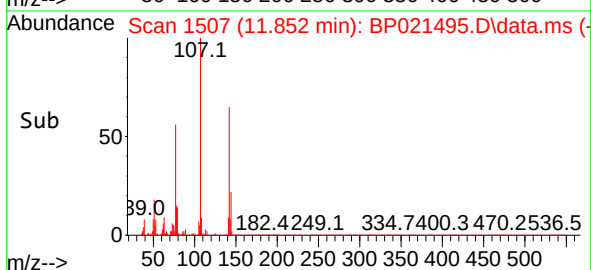
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

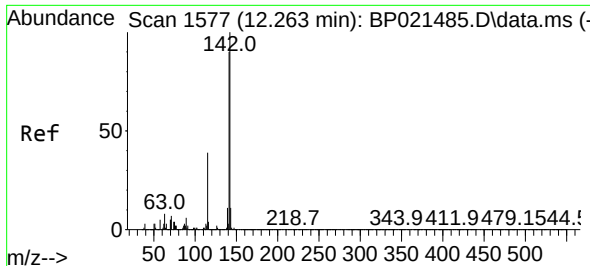


#36
4-Chloro-3-methylphenol
Concen: 3.602 ng
RT: 11.852 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



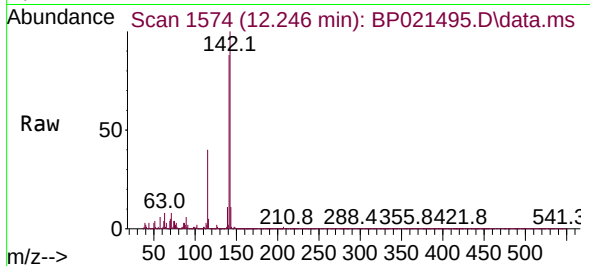
Tgt Ion:107 Resp: 96855
Ion Ratio Lower Upper
107 100
144 22.1 16.6 24.8
142 65.3 51.0 76.4





#37
2-Methylnaphthalene
Concen: 4.053 ng
RT: 12.246 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

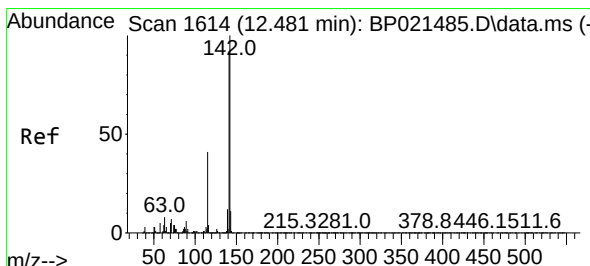
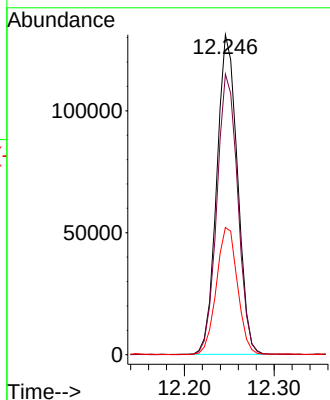
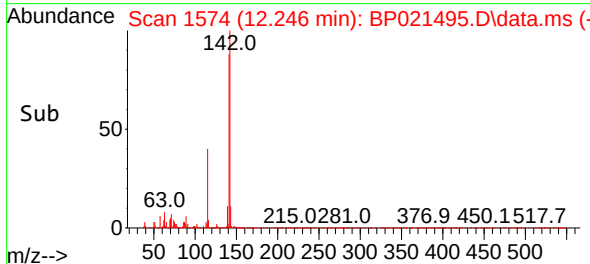
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:142 Resp: 209859
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5
115 39.8 31.4 47.2

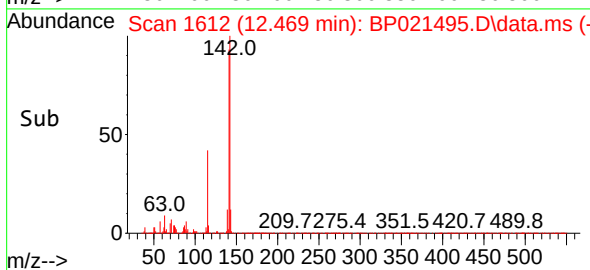
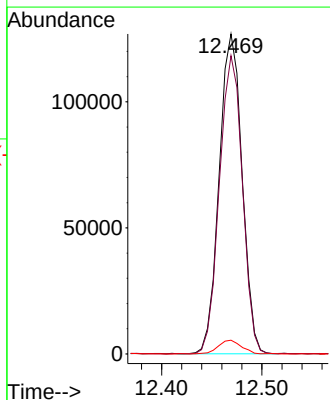
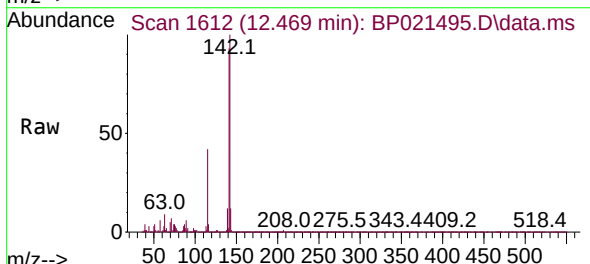
Manual Integrations
APPROVED

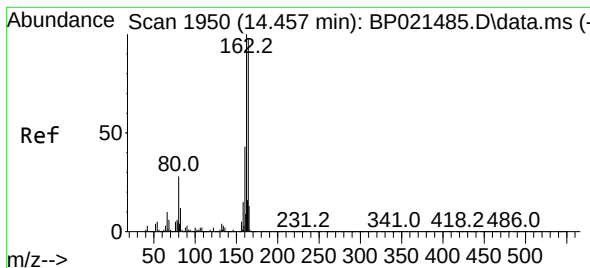
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 3.940 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:142 Resp: 201235
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

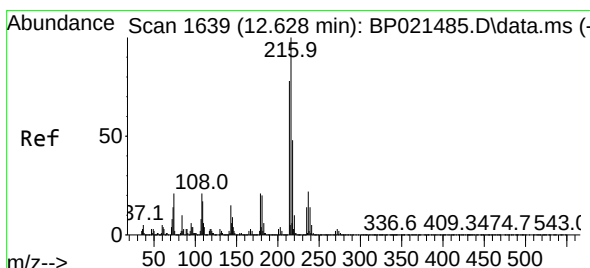
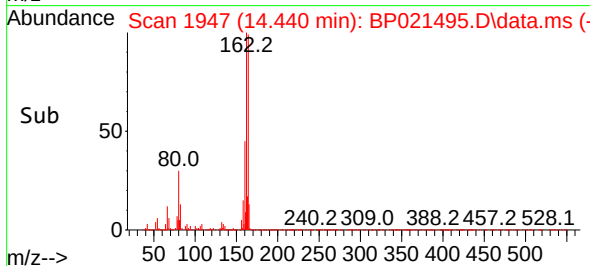
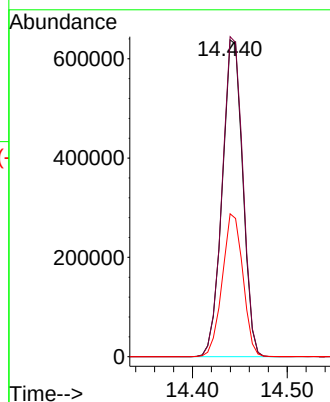
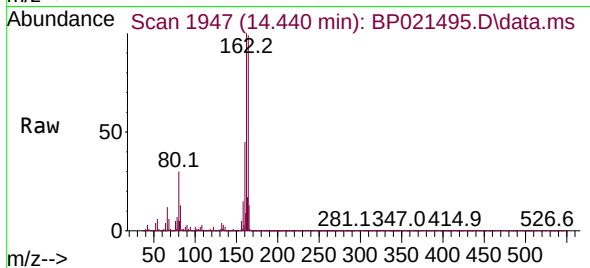
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	164	Resp:	95814
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.5	122.3
160	45.1	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.178 ng

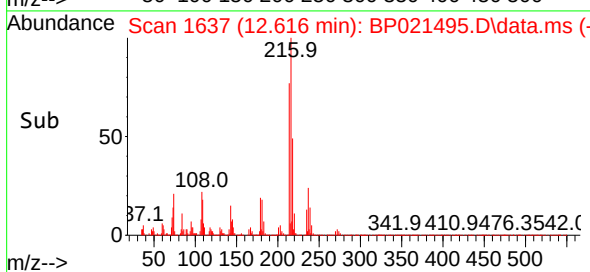
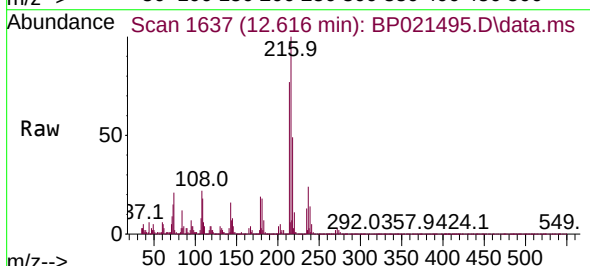
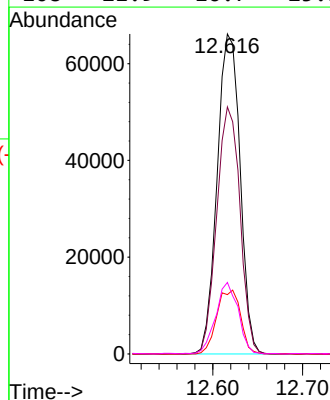
RT: 12.616 min Scan# 1637

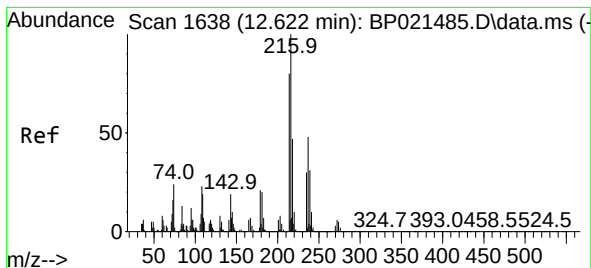
Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	216	Resp:	117290
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.5	93.7
179	20.9	16.4	24.6
108	21.9	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 4.395 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

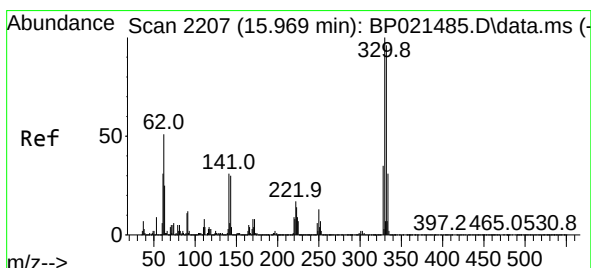
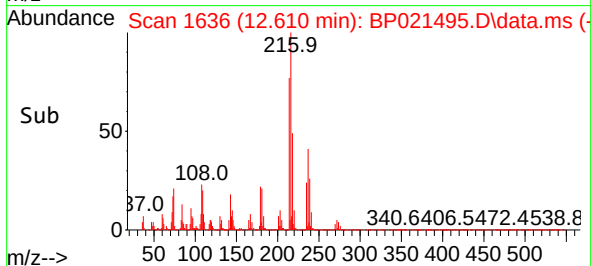
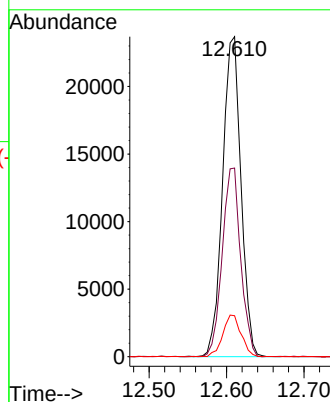
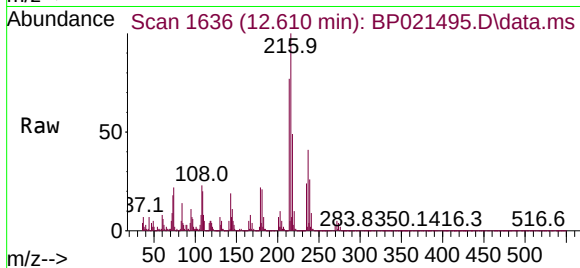
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	237	Resp:	3910
Ion Ratio	Lower	Upper	
237	100		
235	59.0	43.9	83.9
272	12.8	0.0	33.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#42

2,4,6-Tribromophenol

Concen: 140.302 ng

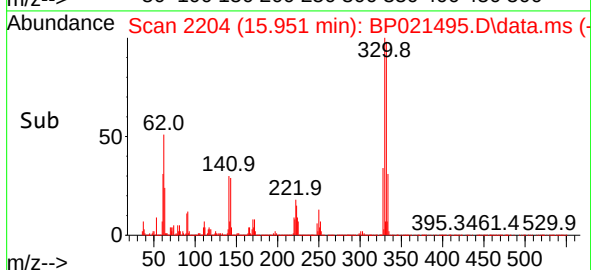
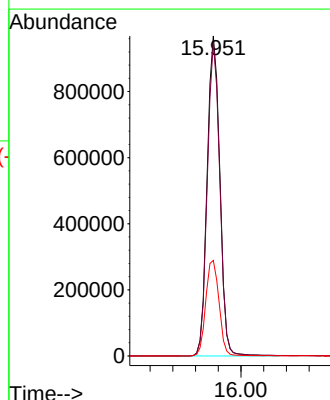
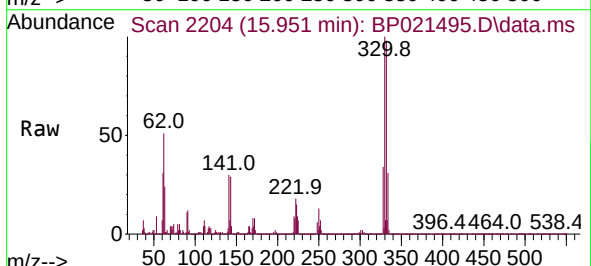
RT: 15.951 min Scan# 2204

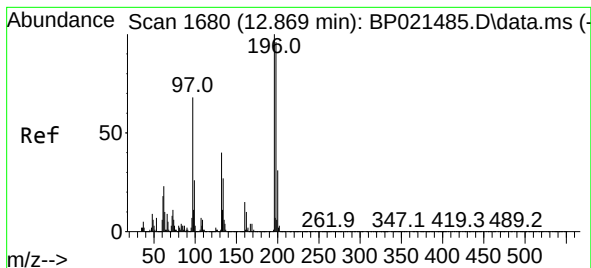
Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	330	Resp:	1496148
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.0
141	31.3	24.5	36.7





#43

2,4,6-Trichlorophenol

Concen: 3.472 ng

RT: 12.851 min Scan# 1677

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

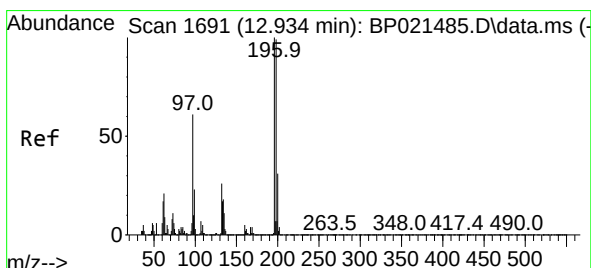
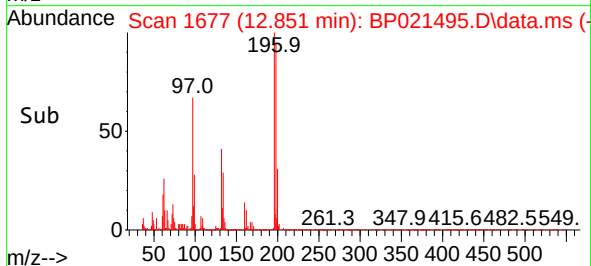
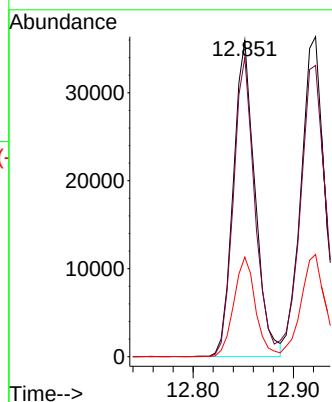
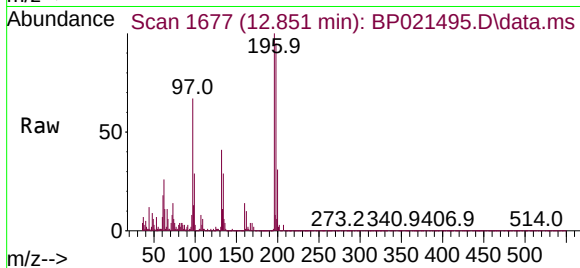
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:196	Resp:	54149
Ion Ratio	Lower	Upper
196	100	
198	94.7	76.6 114.8
200	31.5	24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#44

2,4,5-Trichlorophenol

Concen: 3.501 ng

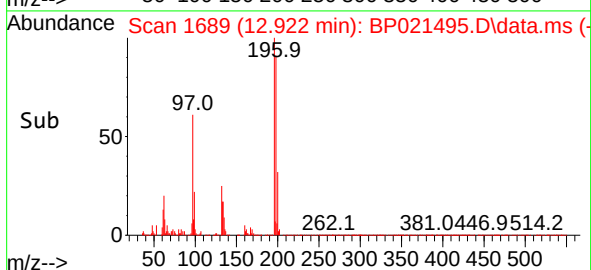
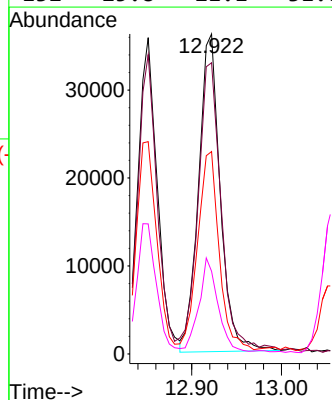
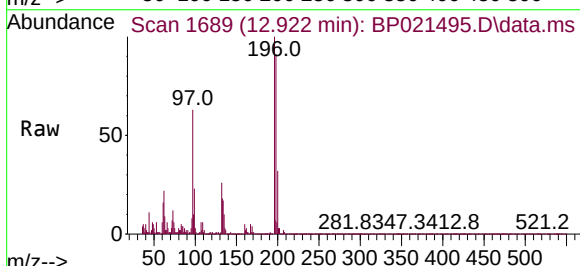
RT: 12.922 min Scan# 1689

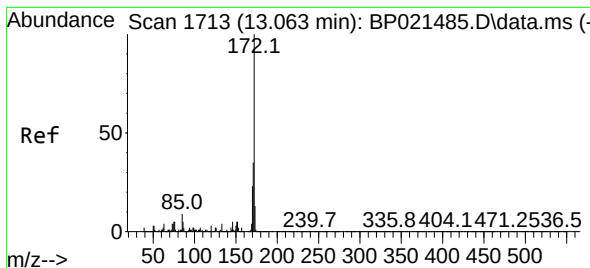
Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:196	Resp:	60658
Ion Ratio	Lower	Upper
196	100	
198	91.0	78.9 118.3
97	63.3	49.4 74.0
132	25.8	21.1 31.7





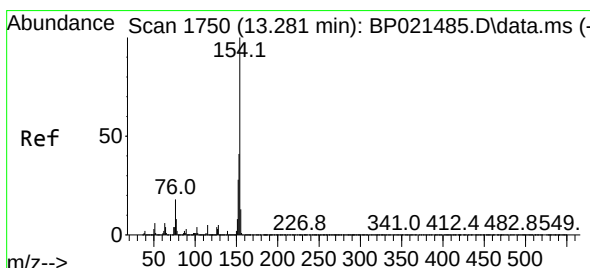
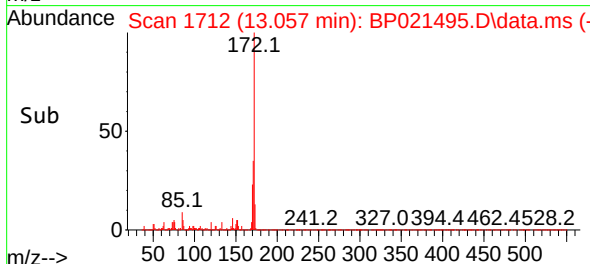
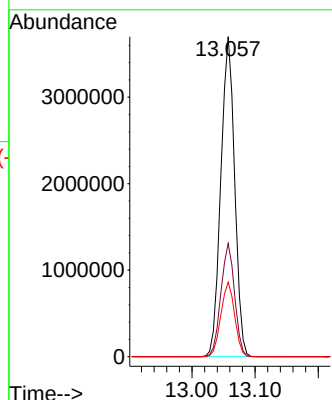
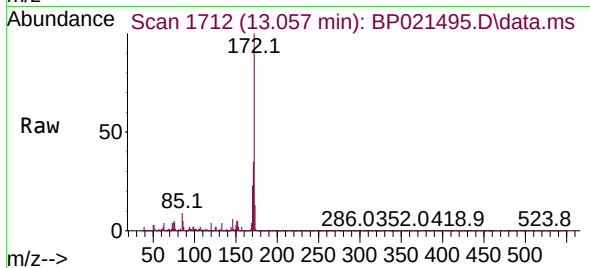
#45
2-Fluorobiphenyl
Concen: 89.512 ng
RT: 13.057 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:172 Resp: 561967
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 18.4 27.6

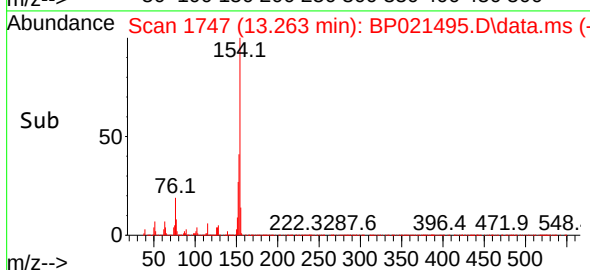
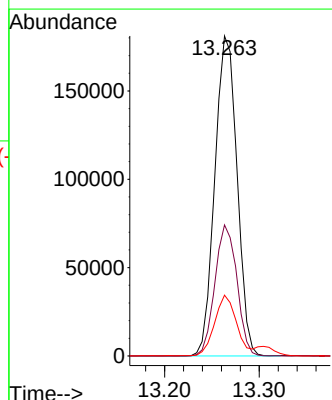
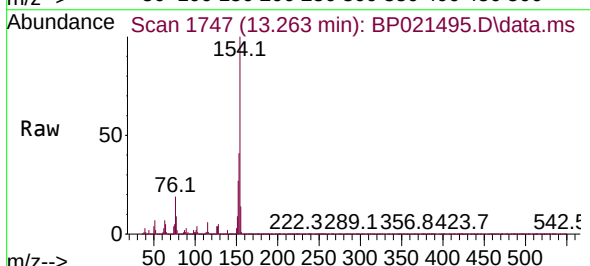
Manual Integrations
APPROVED

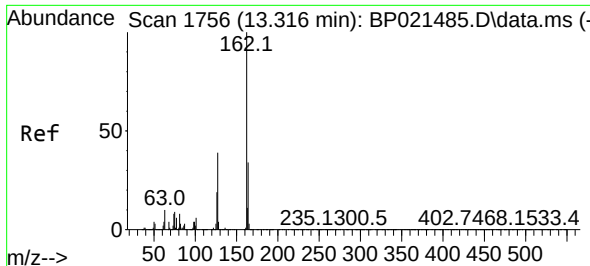
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#46
1,1'-Biphenyl
Concen: 4.353 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:154 Resp: 295102
Ion Ratio Lower Upper
154 100
153 40.9 20.7 60.7
76 19.0 0.0 37.7





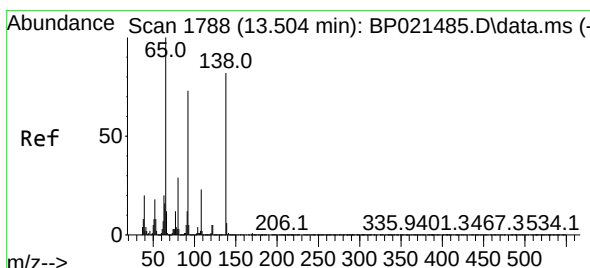
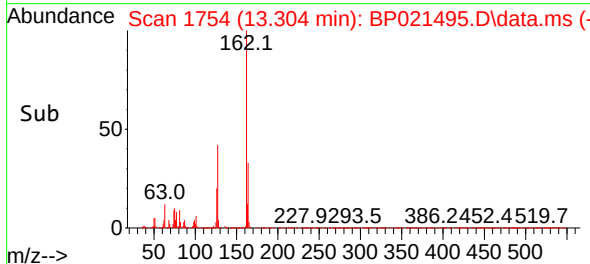
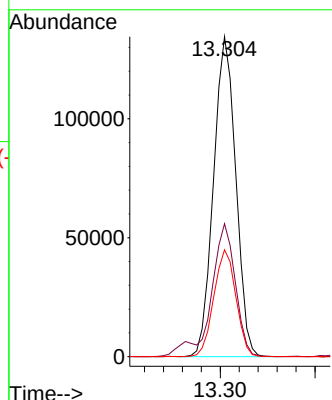
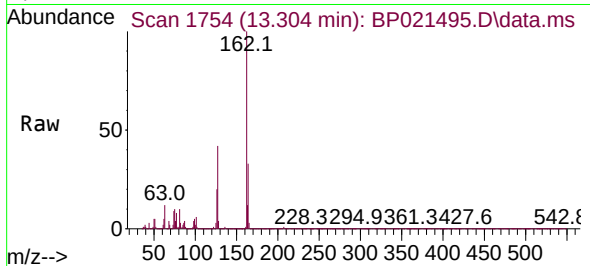
#47
2-Chloronaphthalene
Concen: 4.153 ng
RT: 13.304 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	31.9	47.9
164	33.4	26.8	40.2

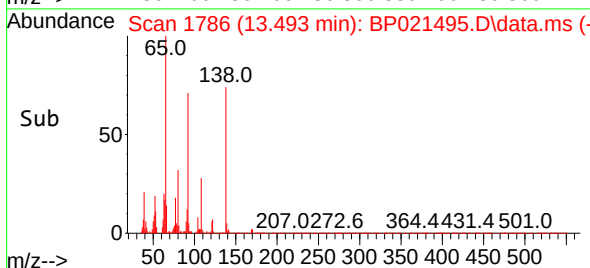
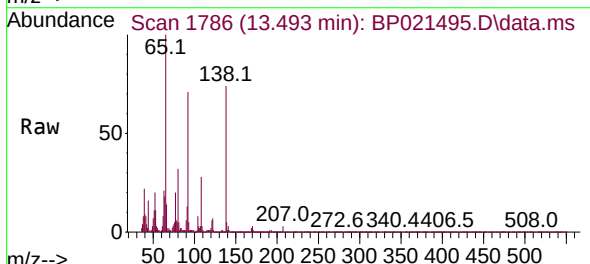
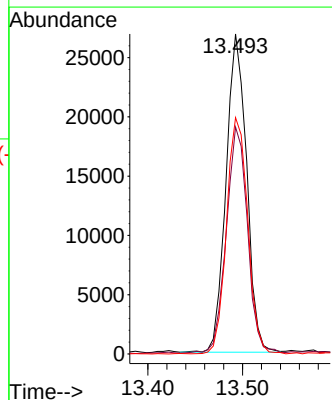
Manual Integrations
APPROVED

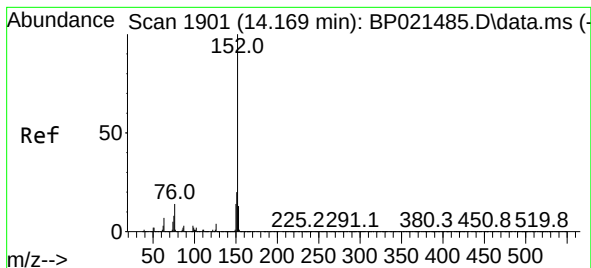
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#48
2-Nitroaniline
Concen: 7.588 ng
RT: 13.493 min Scan# 1786
Delta R.T. -0.011 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	58.1	87.1
138	73.8	65.5	98.3





#49

Acenaphthylene

Concen: 4.389 ng

RT: 14.157 min Scan# 1899

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

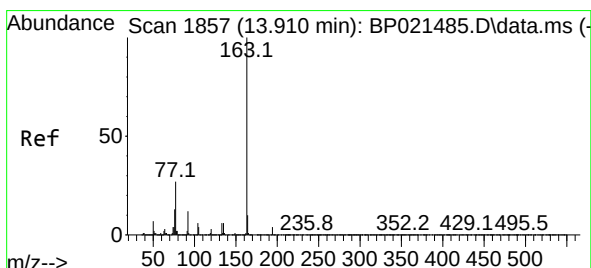
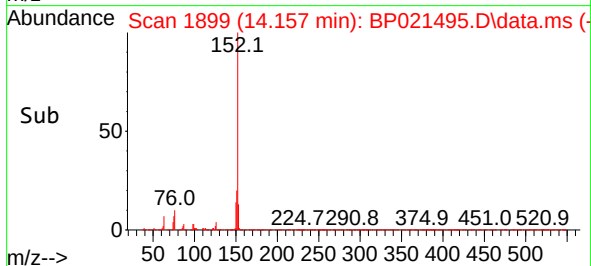
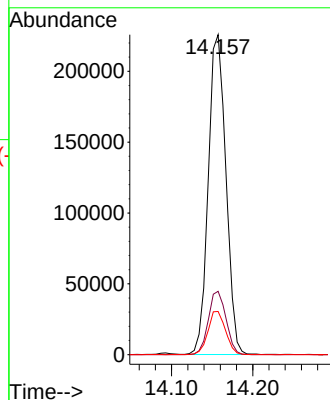
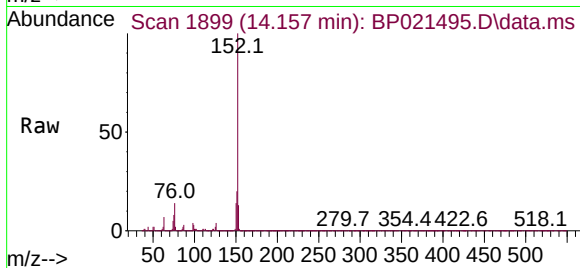
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:152 Resp: 34050
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#50

Dimethylphthalate

Concen: 4.227 ng

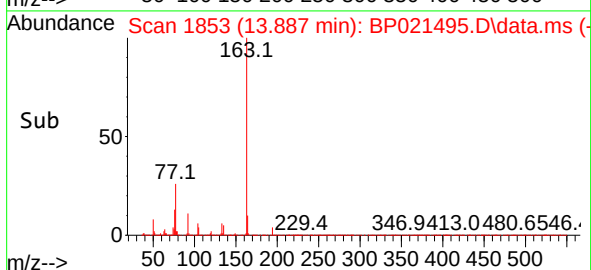
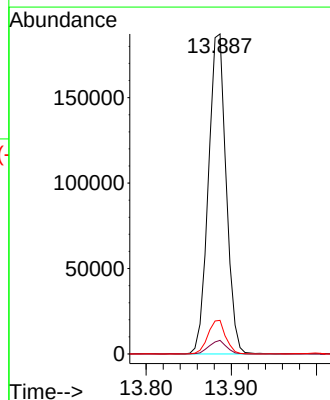
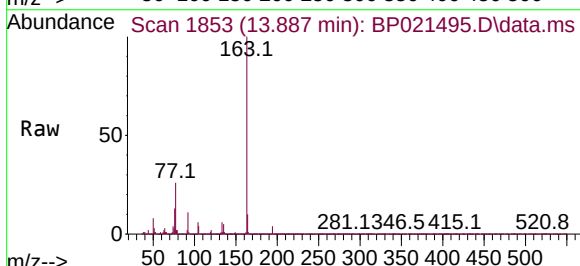
RT: 13.887 min Scan# 1853

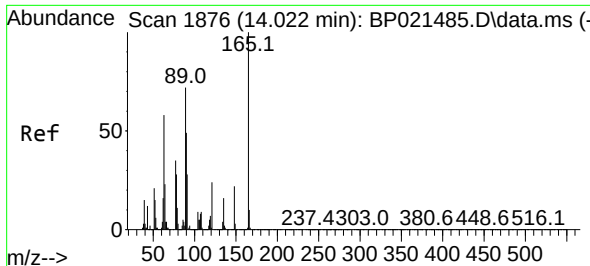
Delta R.T. -0.023 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

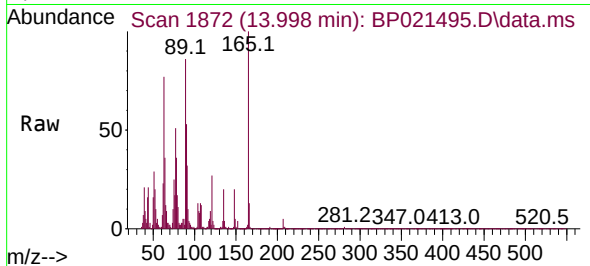
Tgt Ion:163 Resp: 271260
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 6.392 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

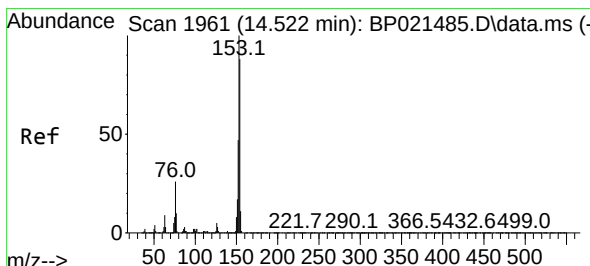
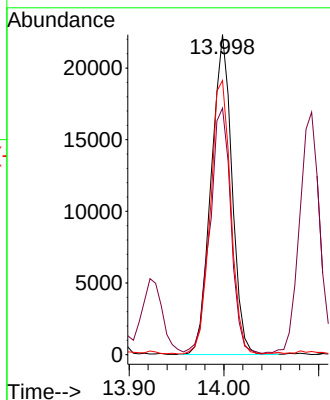
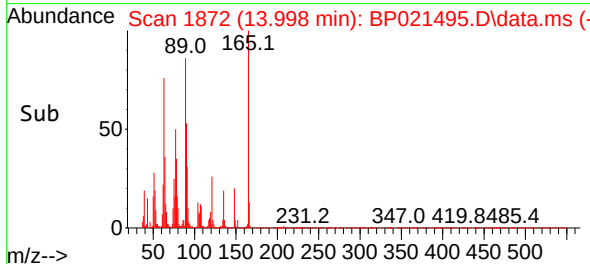
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:165 Resp: 33974
Ion Ratio Lower Upper
165 100
63 77.1 51.5 77.3
89 85.7 57.8 86.8

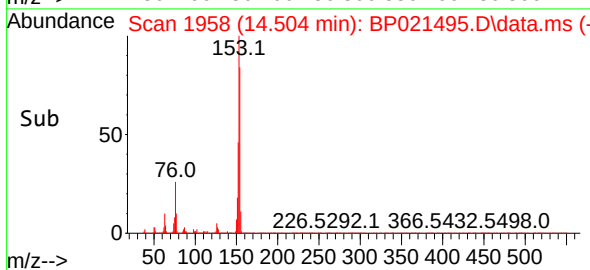
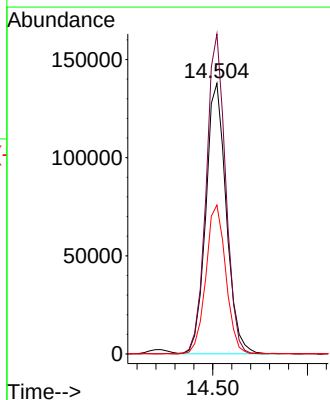
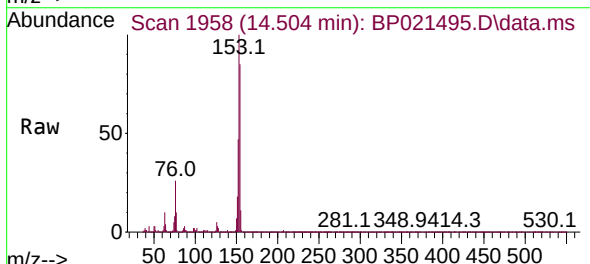
Manual Integrations
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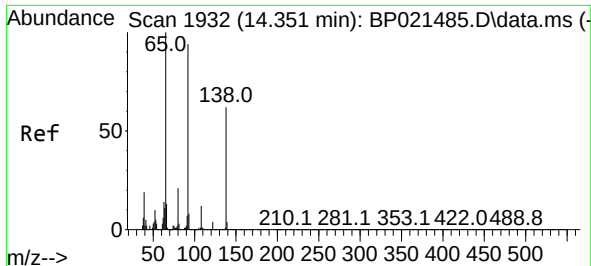
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 4.062 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

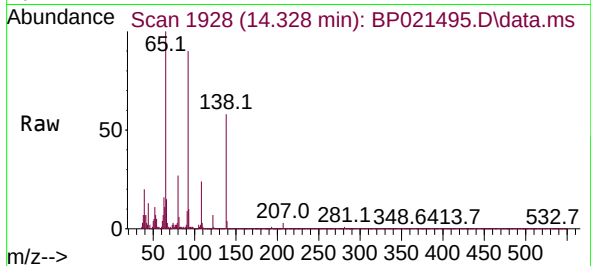
Tgt Ion:154 Resp: 206764
Ion Ratio Lower Upper
154 100
153 118.2 91.1 136.7
152 55.1 43.0 64.4





#53
3-Nitroaniline
Concen: 6.584 ng
RT: 14.328 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

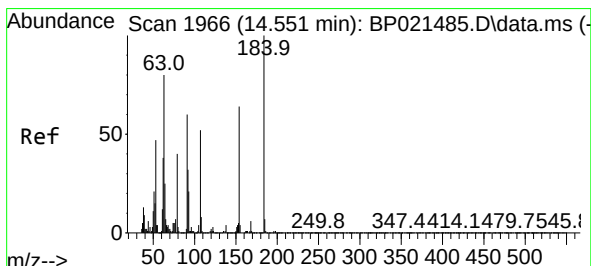
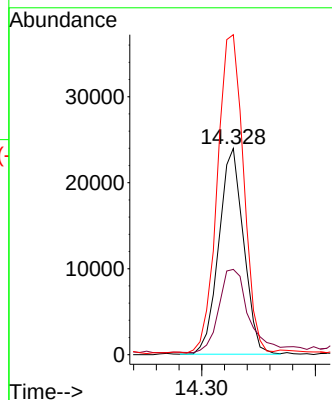
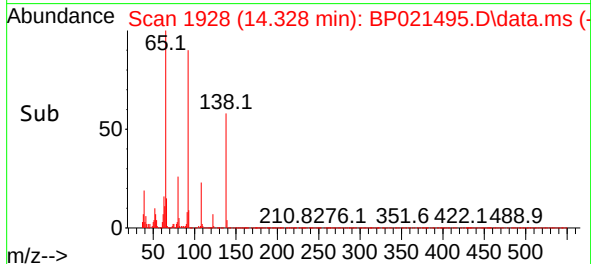
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:138 Resp: 36270
Ion Ratio Lower Upper
138 100
108 41.4 16.2 24.4
92 155.2 122.2 183.4

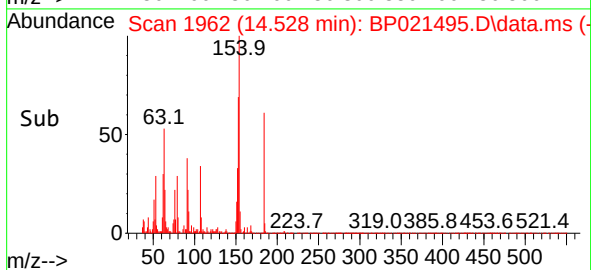
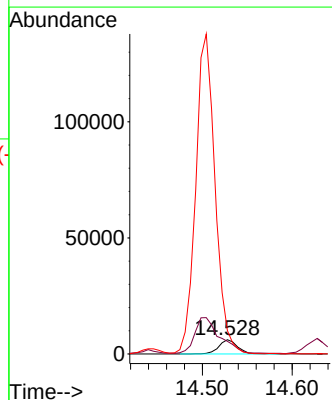
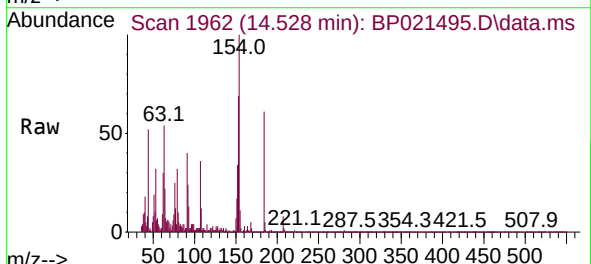
Manual Integrations
APPROVED

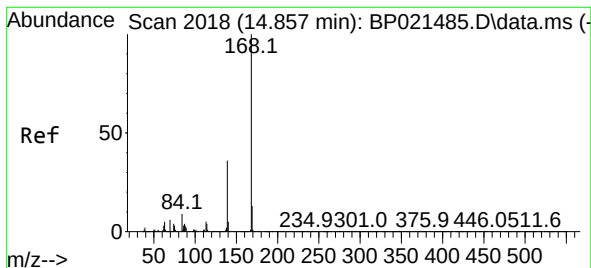
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 6.029 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.023 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

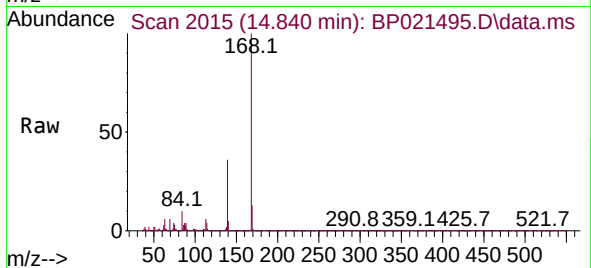
Tgt Ion:184 Resp: 8896
Ion Ratio Lower Upper
184 100
63 89.2 64.9 97.3
154 163.8 52.1 78.1#





#55
Dibenzenofuran
Concen: 4.379 ng
RT: 14.840 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

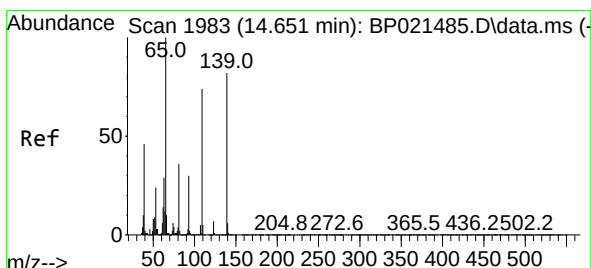
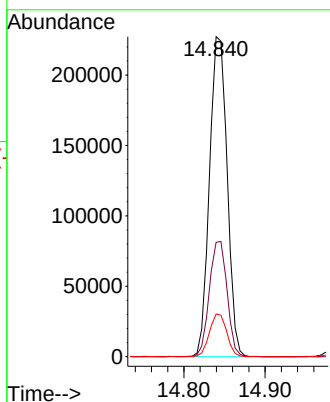
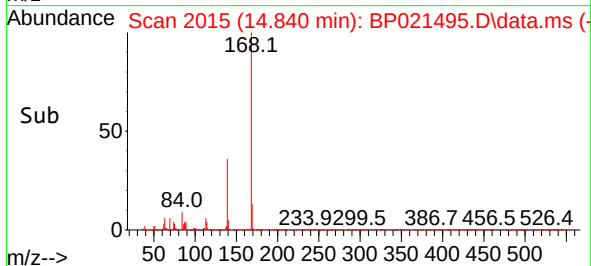
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 34292
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 13.3 10.6 16.0

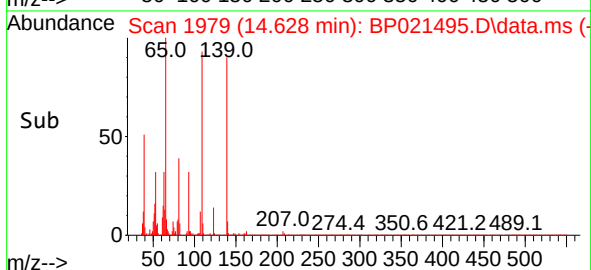
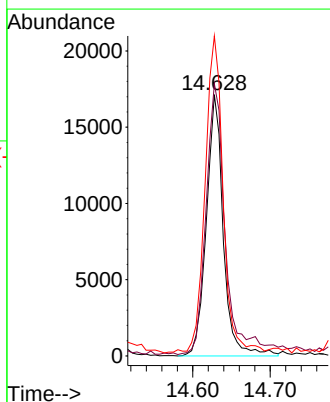
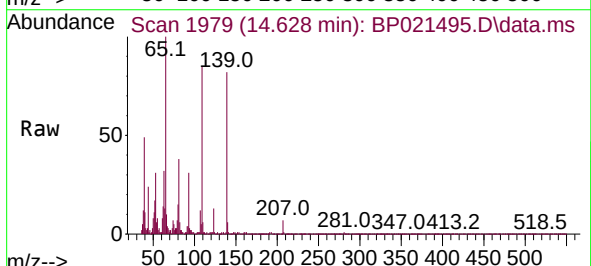
Manual Integrations
APPROVED

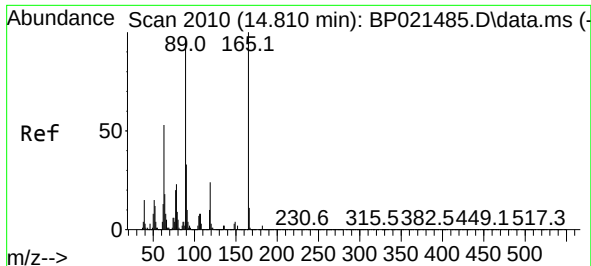
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#56
4-Nitrophenol
Concen: 7.367 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.023 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

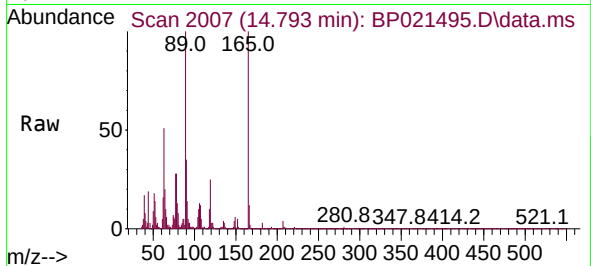
Tgt Ion:139 Resp: 26006
Ion Ratio Lower Upper
139 100
109 104.2 70.2 110.2
65 122.5 101.8 141.8





#57
2,4-Dinitrotoluene
Concen: 6.989 ng
RT: 14.793 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

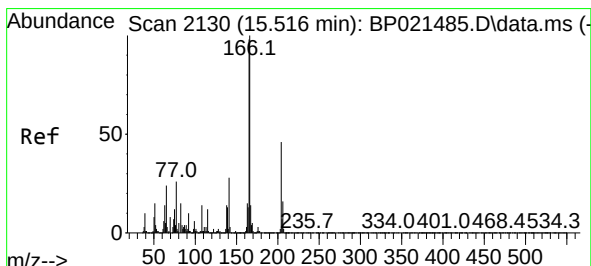
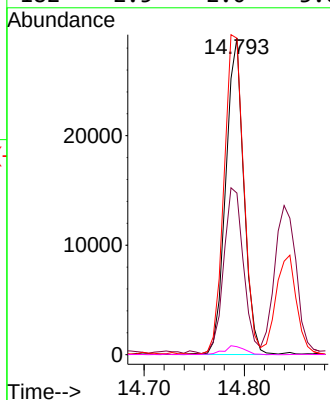
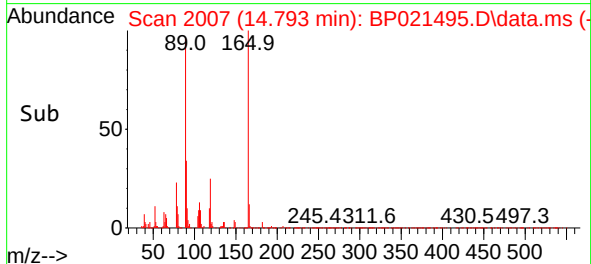
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:165 Resp: 3616
Ion Ratio Lower Upper
165 100
63 51.1 42.5 63.7
89 100.0 77.1 115.7
182 2.5 2.0 3.0

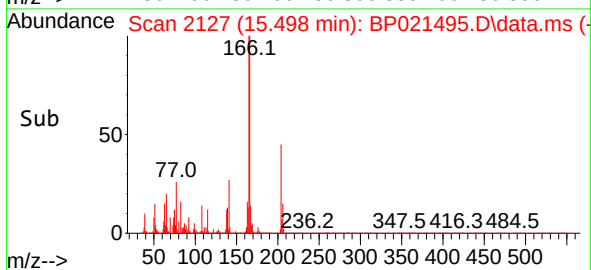
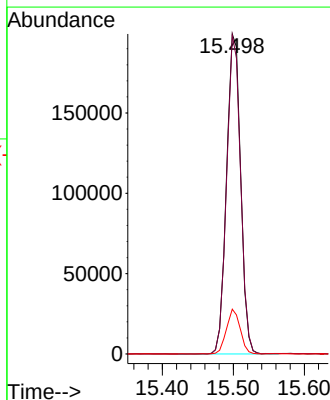
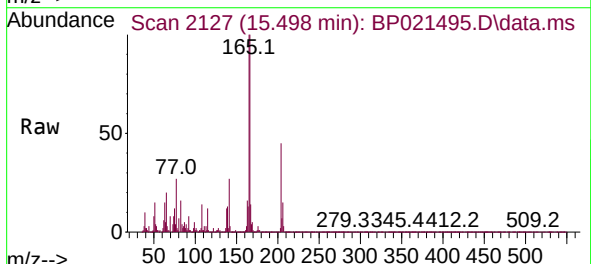
Manual Integrations
APPROVED

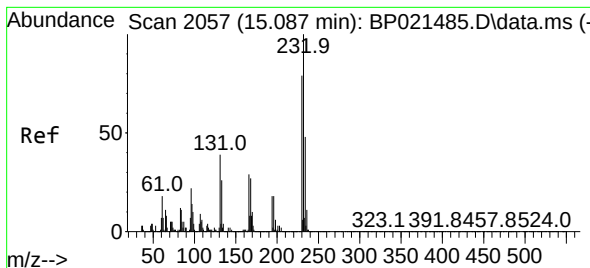
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#58
Fluorene
Concen: 4.263 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

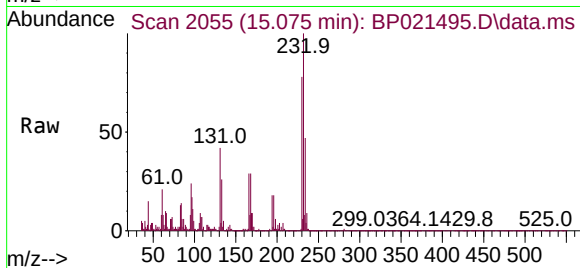
Tgt Ion:166 Resp: 274225
Ion Ratio Lower Upper
166 100
165 99.6 78.1 117.1
167 14.0 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.698 ng
RT: 15.075 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

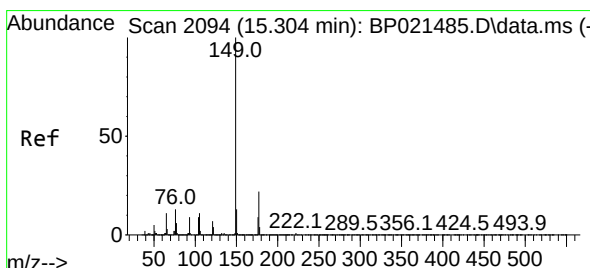
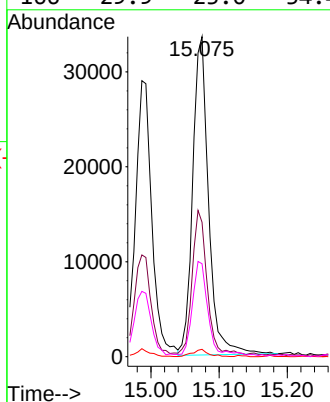
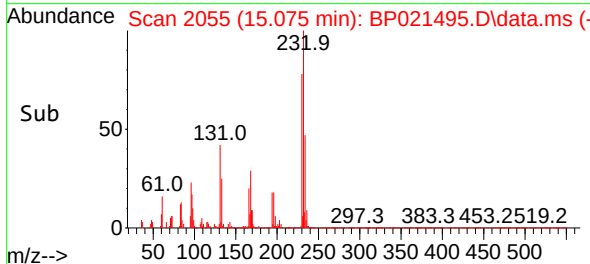
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



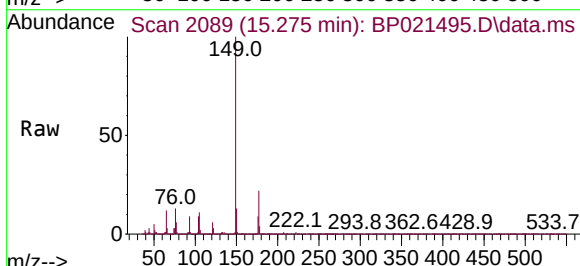
Tgt Ion:232 Resp: 5438
Ion Ratio Lower Upper
232 100
131 42.3 33.1 49.7
130 2.3 1.7 2.5
166 29.9 23.0 34.4

Manual Integrations
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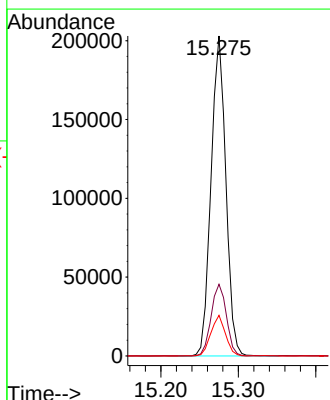
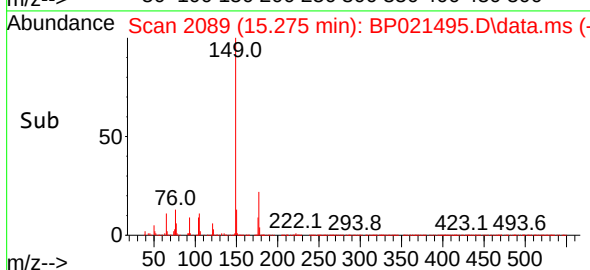
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

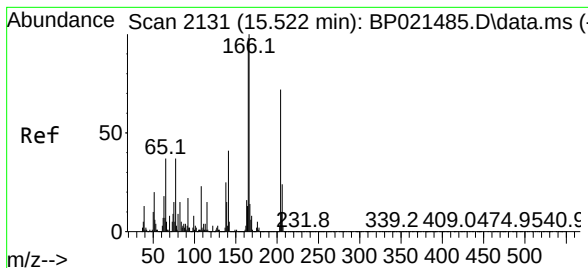


#60
Diethylphthalate
Concen: 4.087 ng
RT: 15.275 min Scan# 2089
Delta R.T. -0.029 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24



Tgt Ion:149 Resp: 269091
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.7 10.1 15.1





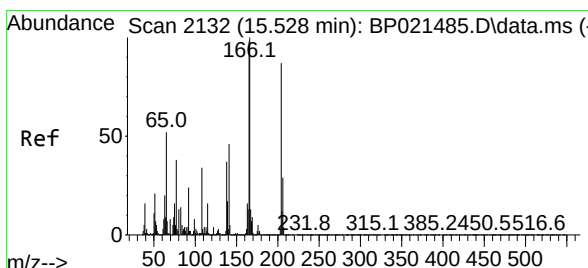
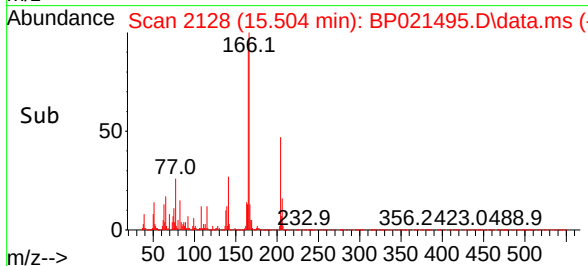
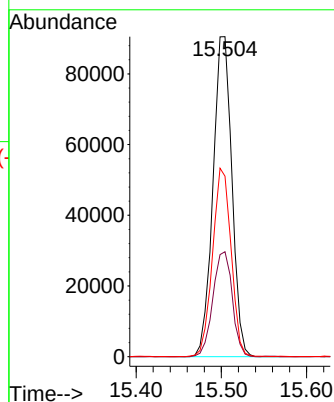
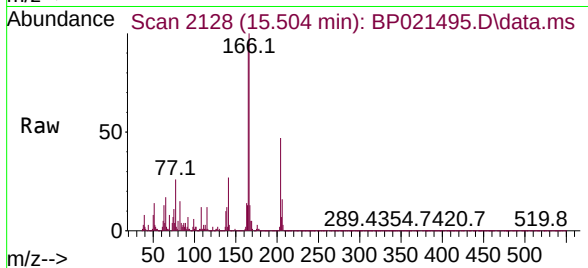
#61
4-Chlorophenyl-phenylether
Concen: 4.194 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 204 Resp: 139478
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 56.4 46.1 69.1

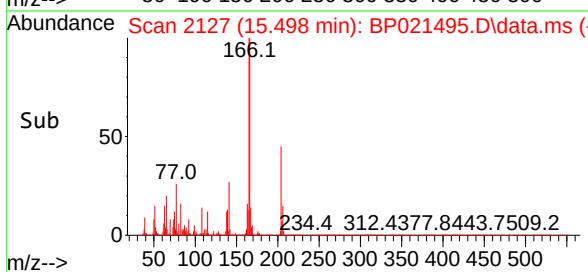
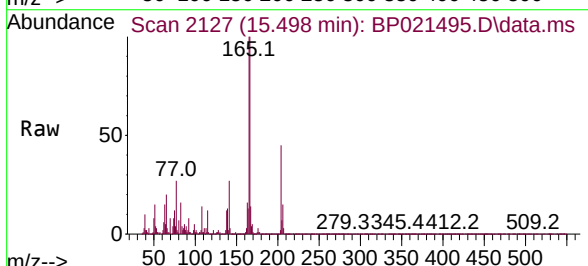
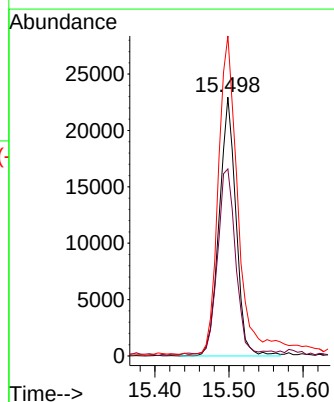
Manual Integrations
APPROVED

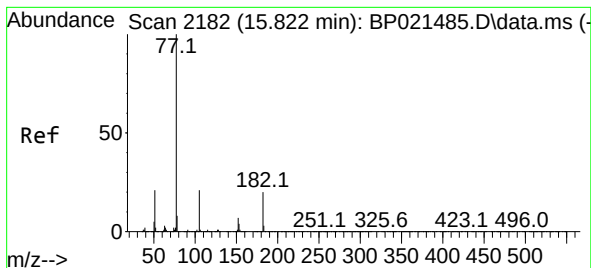
Reviewed By : Jagrut Upadhyay 08/14/2024
Supervised By : mohammad ahmed 08/16/2024



#62
4-Nitroaniline
Concen: 5.524 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.030 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

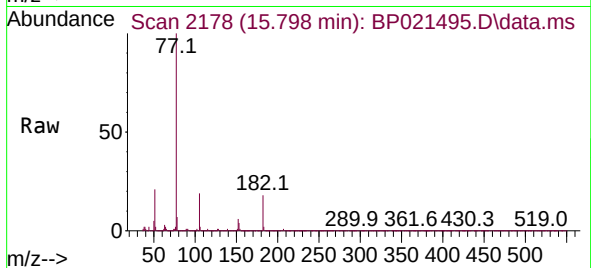
Tgt Ion: 138 Resp: 36071
Ion Ratio Lower Upper
138 100
92 72.3 46.4 86.4
108 123.7 73.2 113.2#





#63
Azobenzene
Concen: 4.435 ng
RT: 15.798 min Scan# 2182
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

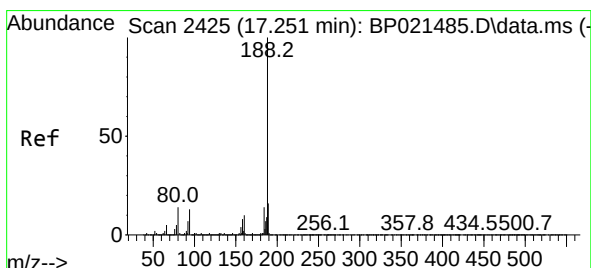
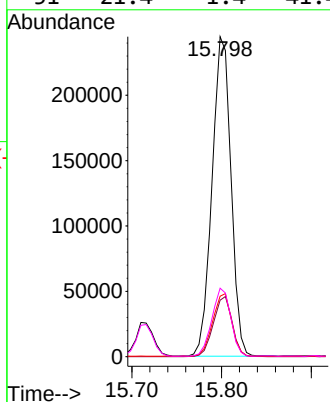
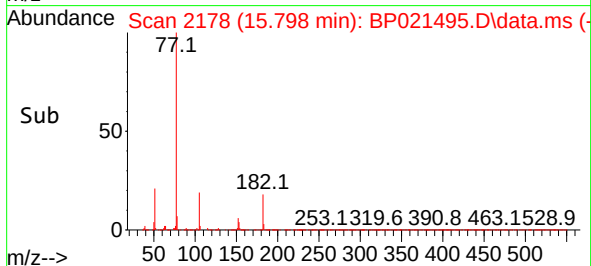
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.0	39.9
105	18.9	0.9	40.9
51	21.4	1.4	41.4

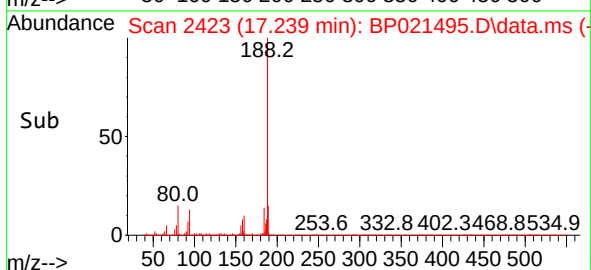
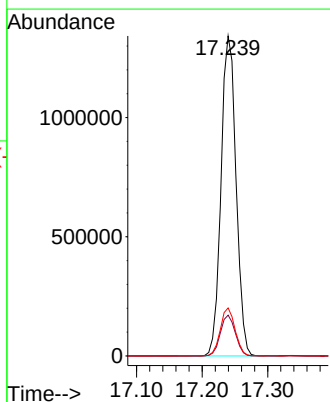
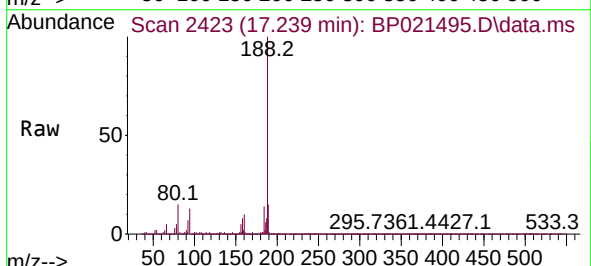
Manual Integrations
APPROVED

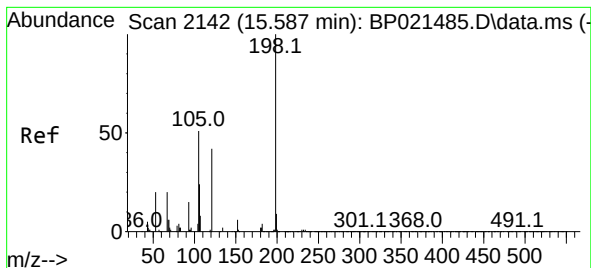
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.2	15.4
80	15.0	11.6	17.4





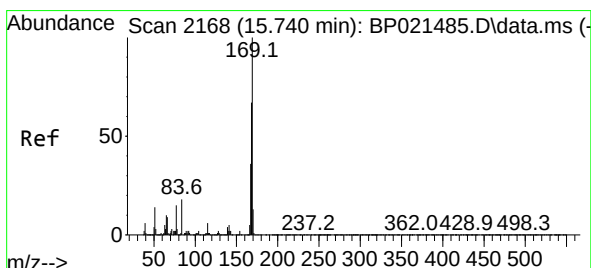
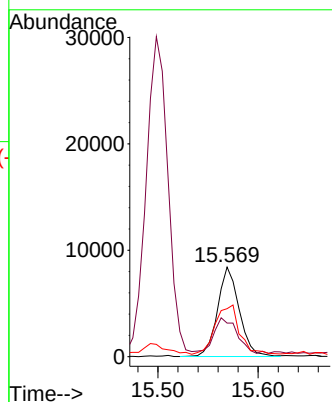
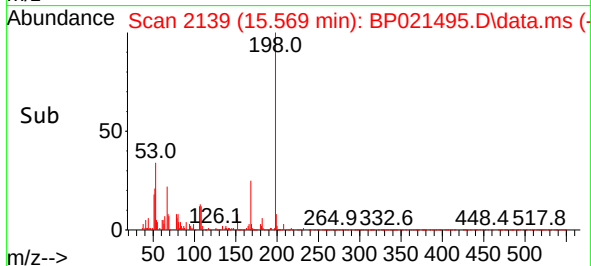
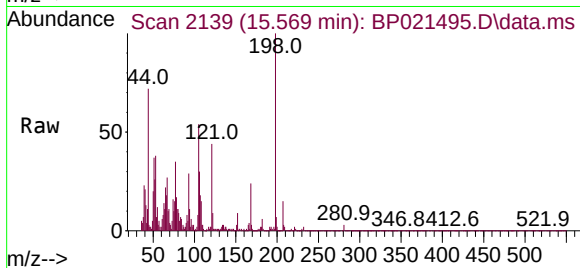
#65
4,6-Dinitro-2-methylphenol
Concen: 7.119 ng
RT: 15.569 min Scan# 2142
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:198 Resp: 1263
Ion Ratio Lower Upper
198 100
51 37.5 21.5 61.5
105 53.6 32.9 72.9

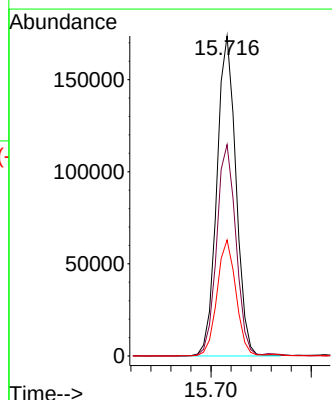
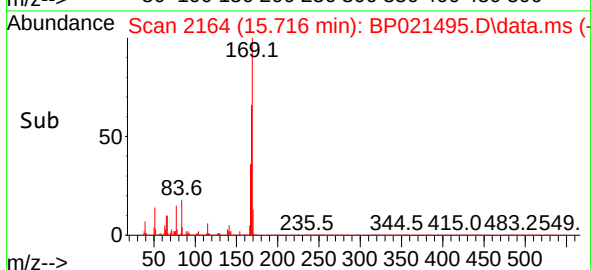
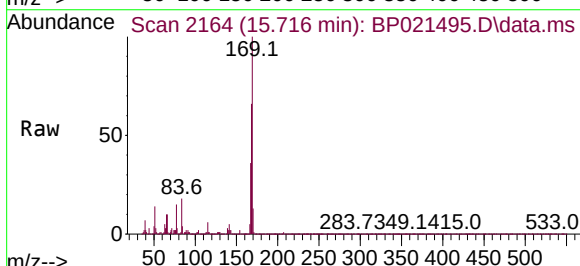
Manual Integrations
APPROVED

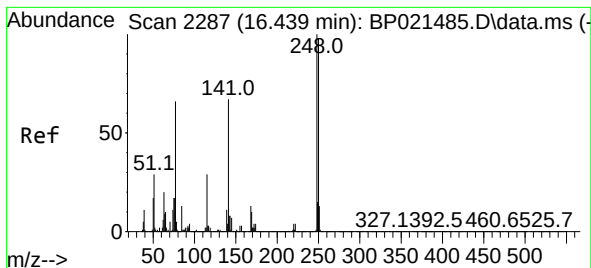
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#66
n-Nitrosodiphenylamine
Concen: 4.037 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:169 Resp: 229883
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.2 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 3.646 ng

RT: 16.416 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

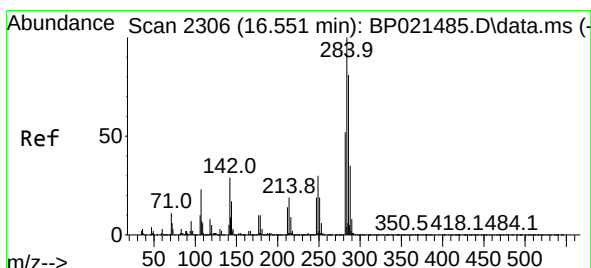
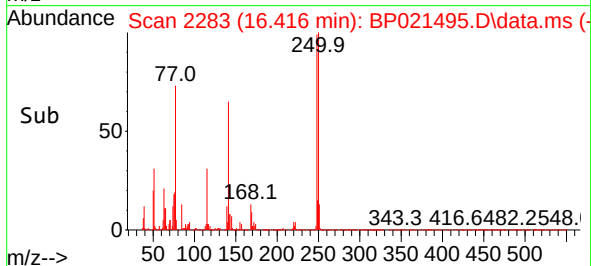
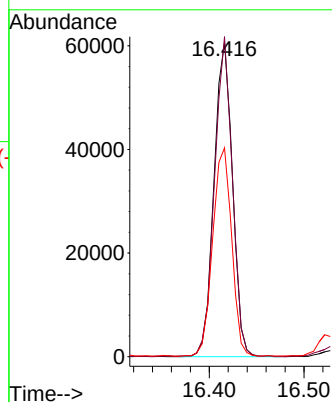
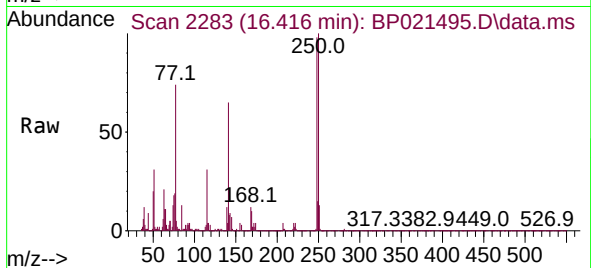
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:248	Resp:	81998
Ion Ratio	Lower	Upper
248	100	
250	101.8	78.6 117.8
141	66.4	53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#68

Hexachlorobenzene

Concen: 3.941 ng

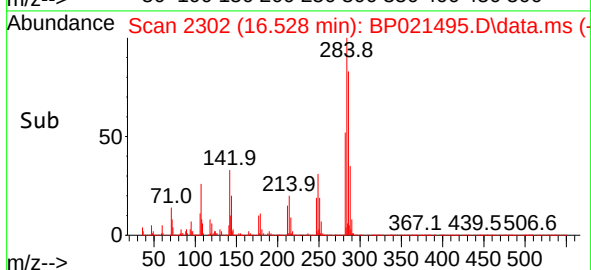
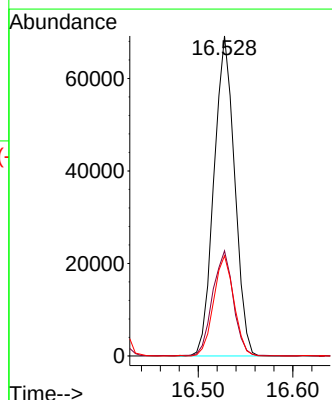
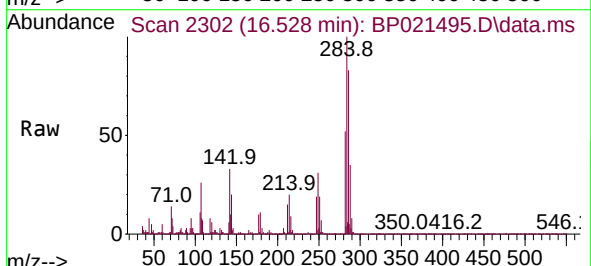
RT: 16.528 min Scan# 2302

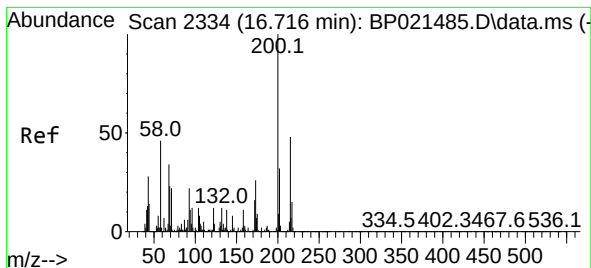
Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:284	Resp:	104732
Ion Ratio	Lower	Upper
284	100	
142	32.9	23.4 35.2
249	31.3	24.1 36.1





#69

Atrazine

Concen: 4.031 ng

RT: 16.681 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

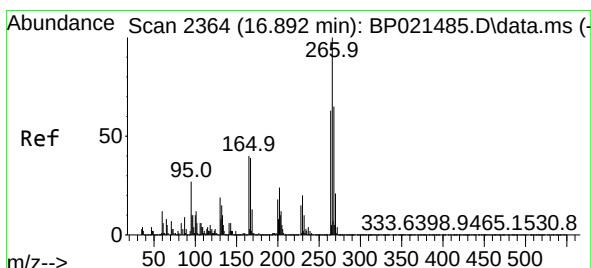
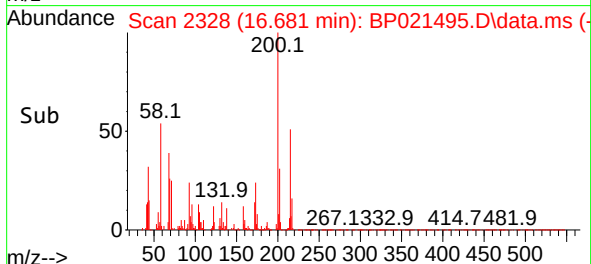
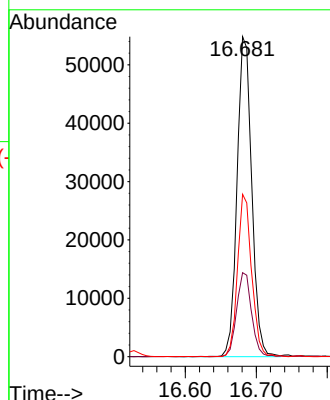
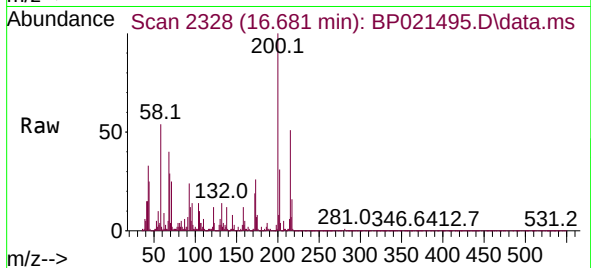
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	200	Resp:	7880
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.2	46.2
215	50.8	28.4	68.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 2.731 ng

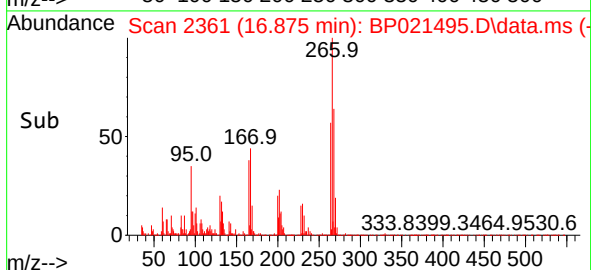
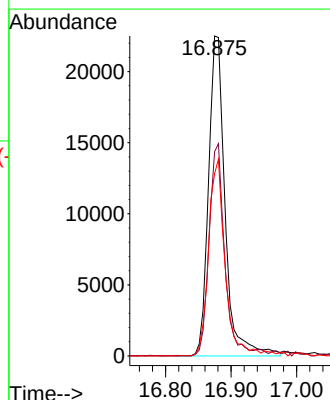
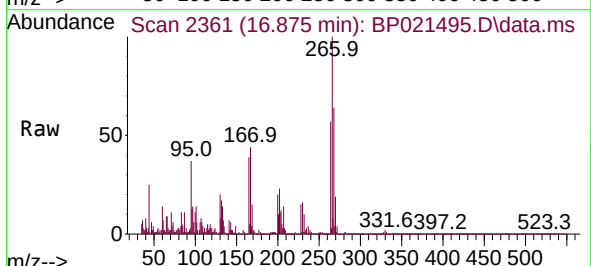
RT: 16.875 min Scan# 2361

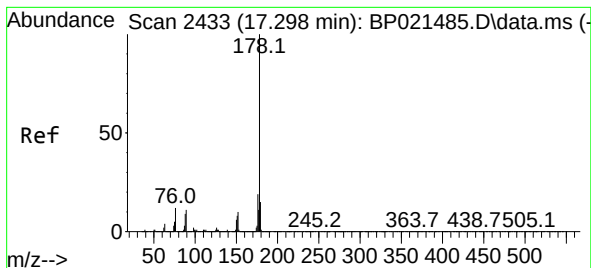
Delta R.T. -0.017 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	266	Resp:	39616
Ion Ratio	Lower	Upper	
266	100		
268	63.9	51.8	77.6
264	57.0	50.5	75.7





#71

Phenanthrene

Concen: 4.298 ng

RT: 17.287 min Scan# 2433

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

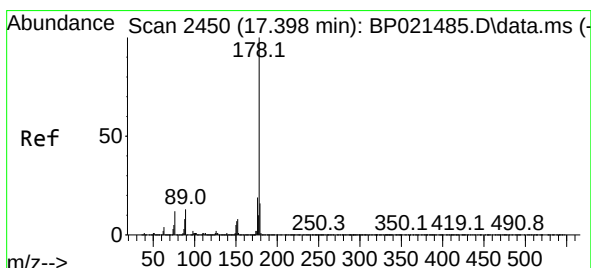
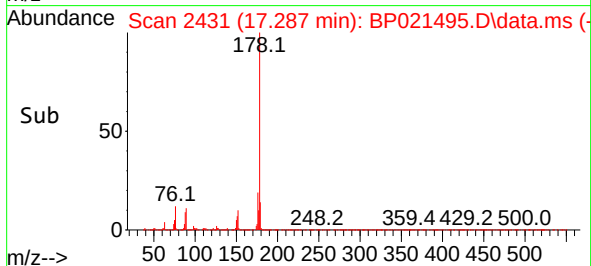
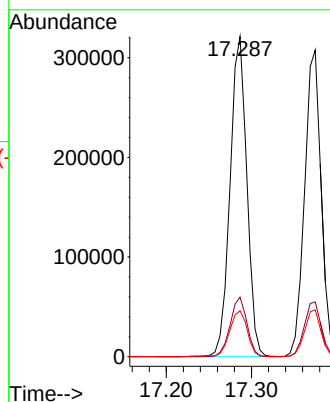
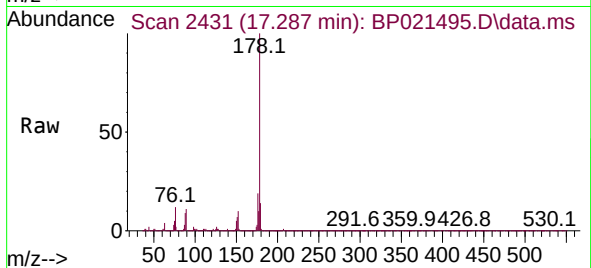
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:178	Resp: 43928
Ion Ratio	Lower Upper
178 100	
176 18.6	15.4 23.2
179 14.3	12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#72

Anthracene

Concen: 4.168 ng

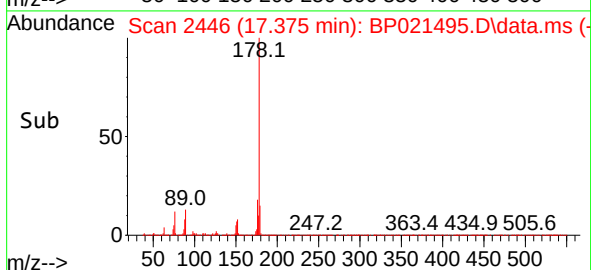
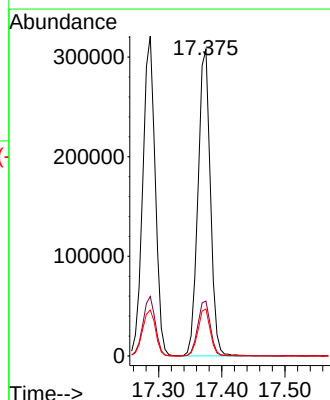
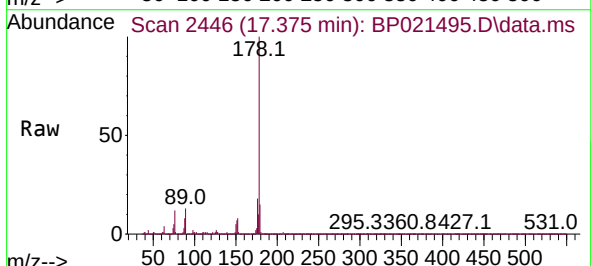
RT: 17.375 min Scan# 2446

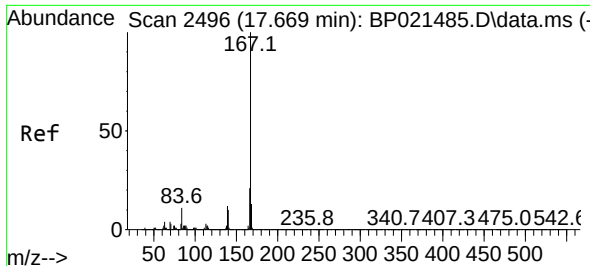
Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:178	Resp: 417743		
Ion Ratio	Lower	Upper	
178 100			
176 17.9	14.9	22.3	
179 15.3	12.5	18.7	





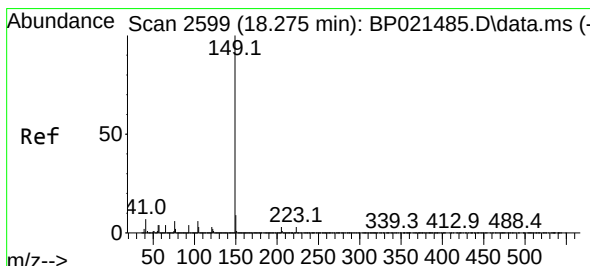
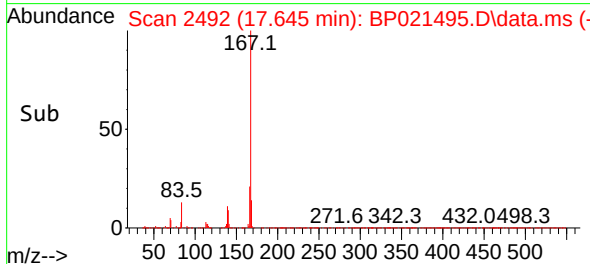
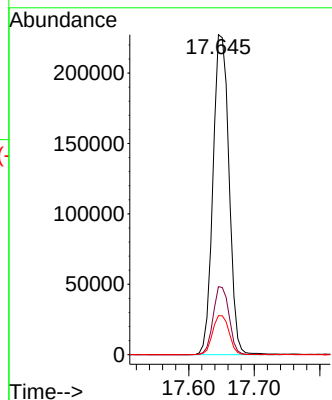
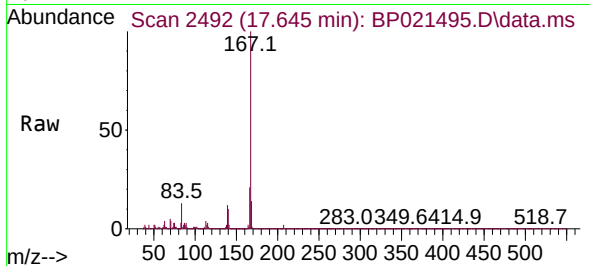
#73
 Carbazole
 Concen: 3.982 ng
 RT: 17.645 min Scan# 2496
 Delta R.T. -0.024 min
 Lab File: BP021495.D
 Acq: 14 Aug 2024 11:24

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:167 Resp: 384592
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.2 9.9 14.9

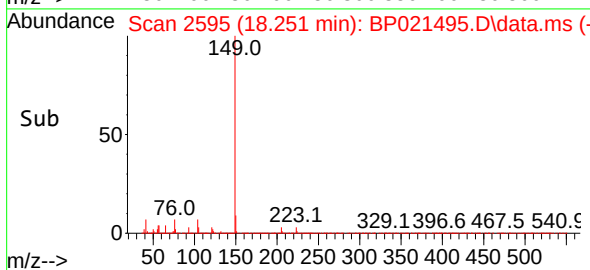
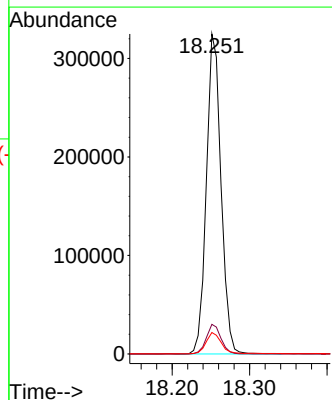
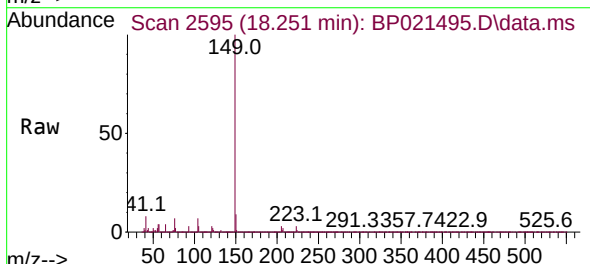
Manual Integrations
 APPROVED

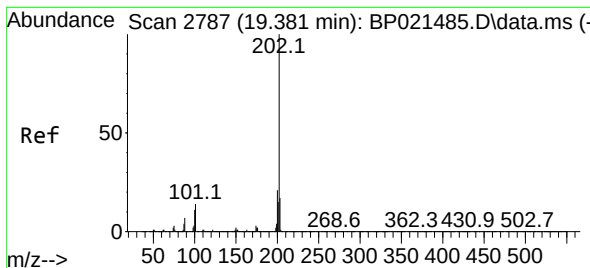
Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#74
 Di-n-butylphthalate
 Concen: 3.589 ng
 RT: 18.251 min Scan# 2595
 Delta R.T. -0.024 min
 Lab File: BP021495.D
 Acq: 14 Aug 2024 11:24

Tgt Ion:149 Resp: 425703
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.7 4.9 7.3





#75

Fluoranthene

Concen: 3.945 ng

RT: 19.363 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

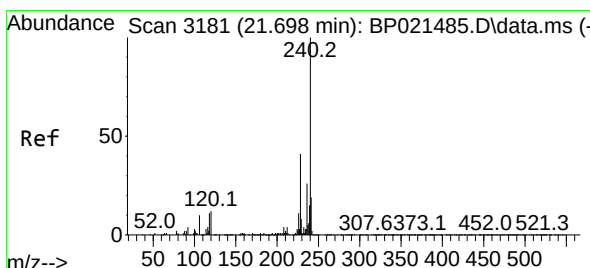
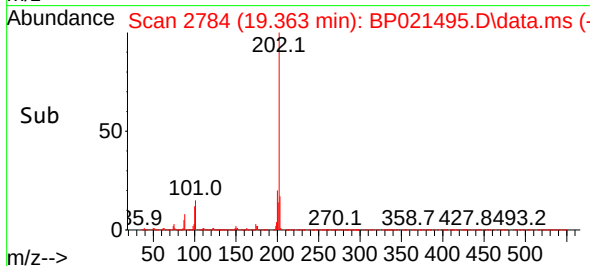
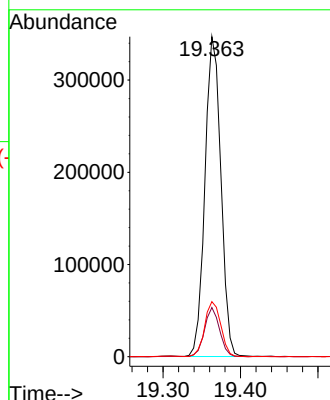
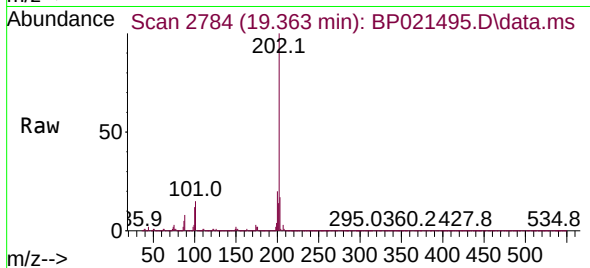
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	202	Resp:	49462
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	34.0
203	17.2	0.0	37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#76

Chrysene-d12

Concen: 20.000 ng

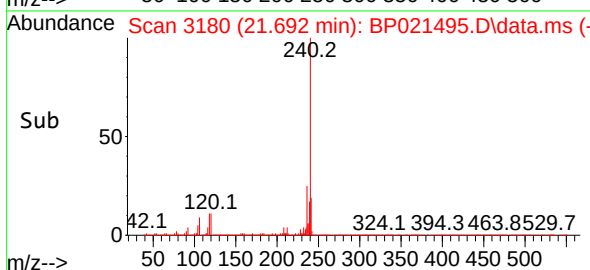
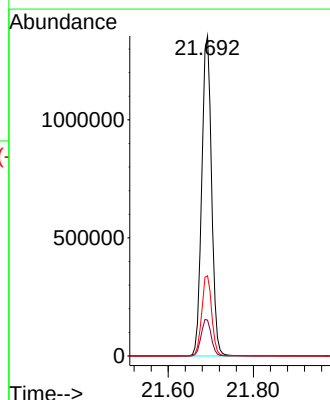
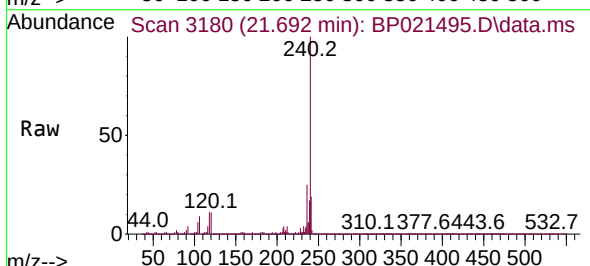
RT: 21.692 min Scan# 3180

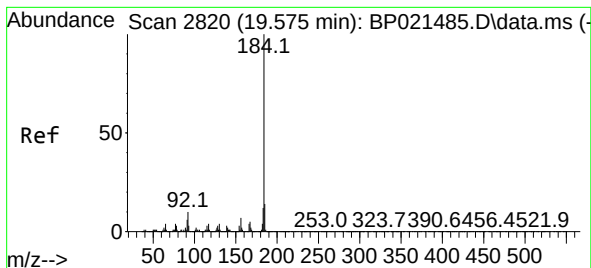
Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	240	Resp:	2161948
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.9	14.9
236	25.0	20.6	30.8





#77

Benzidine

Concen: 6.639 ng

RT: 19.551 min Scan# 2816

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

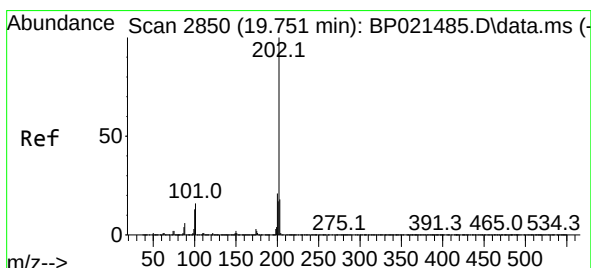
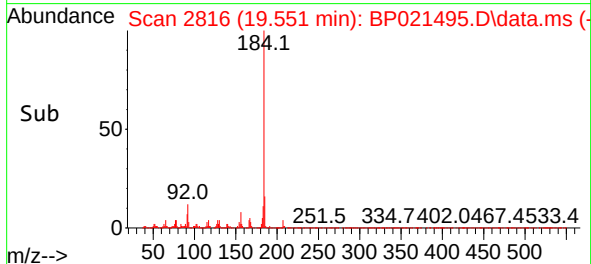
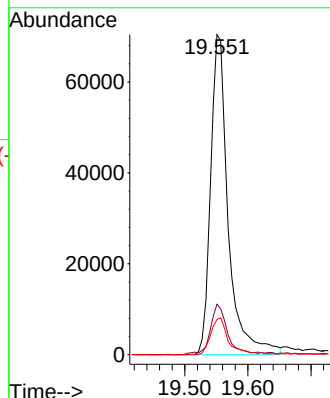
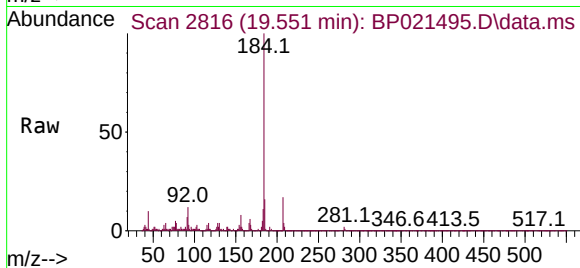
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:184	Resp: 13586
Ion Ratio	Lower Upper
184 100	
185 15.7	11.4 17.0
183 11.0	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#78

Pyrene

Concen: 3.737 ng

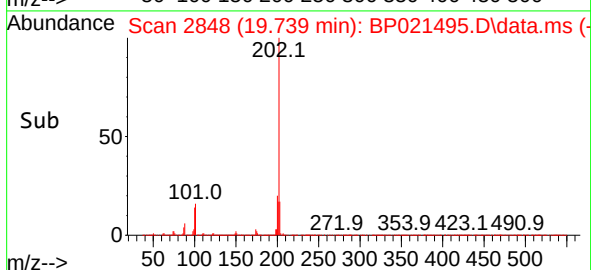
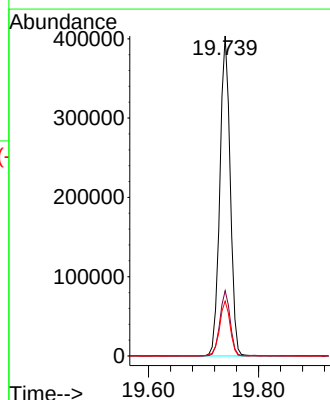
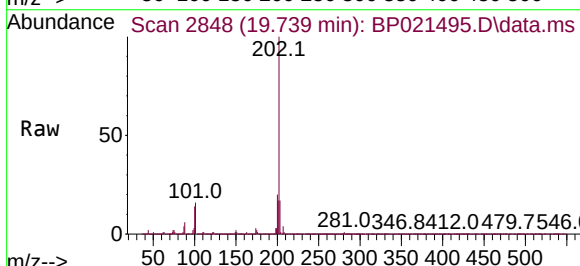
RT: 19.739 min Scan# 2848

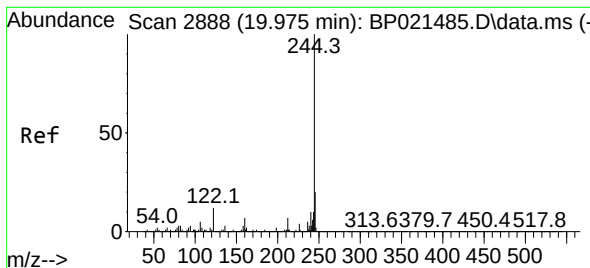
Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:202	Resp: 528035
Ion Ratio	Lower Upper
202 100	
200 20.4	16.7 25.1
203 17.1	14.1 21.1





#79

Terphenyl-d14

Concen: 79.760 ng

RT: 19.963 min Scan# 2888

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:244 Resp: 887598

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

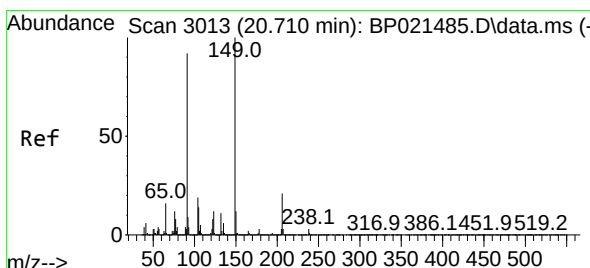
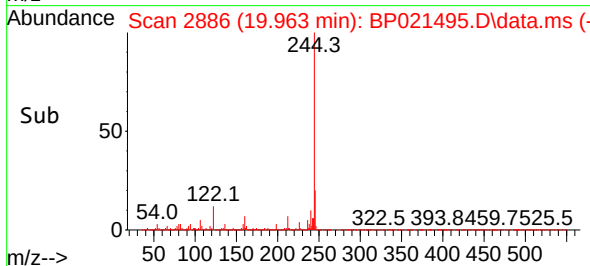
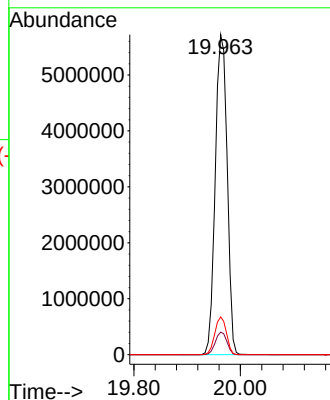
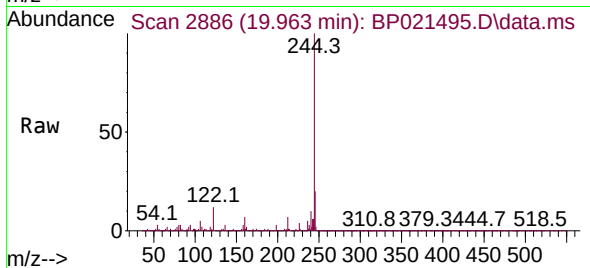
122 11.8 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#80

Butylbenzylphthalate

Concen: 5.789 ng

RT: 20.698 min Scan# 3011

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

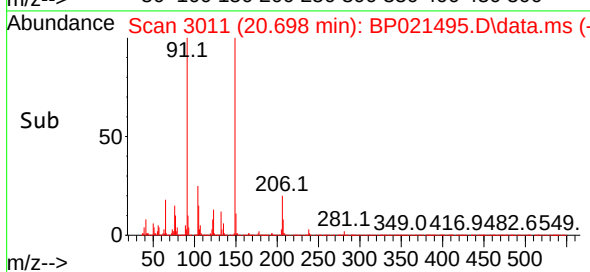
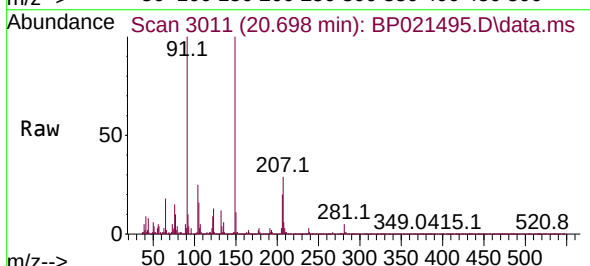
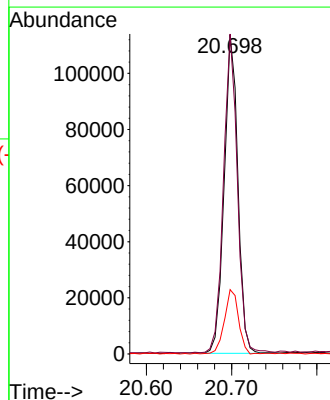
Tgt Ion:149 Resp: 126785

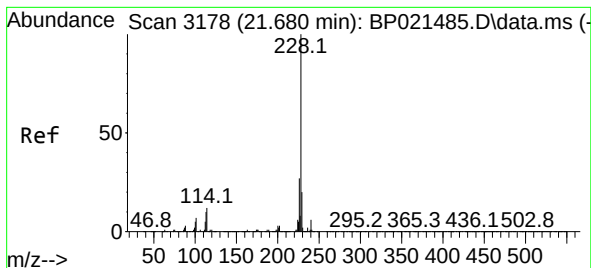
Ion Ratio Lower Upper

149 100

91 100.2 73.3 109.9

206 20.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 4.044 ng

RT: 21.675 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

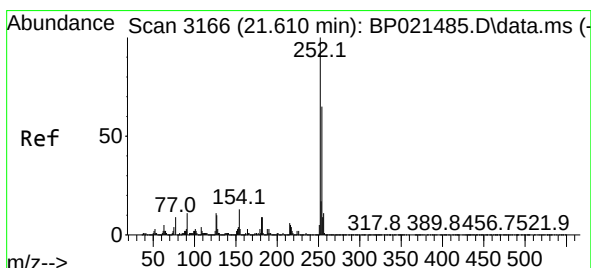
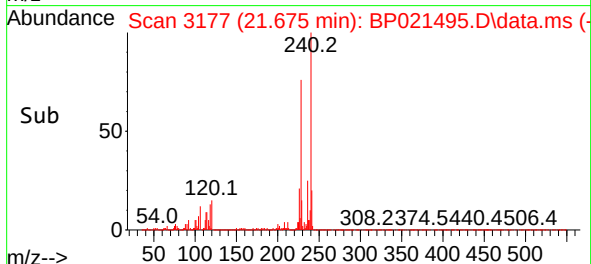
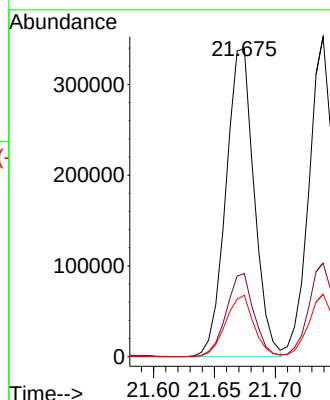
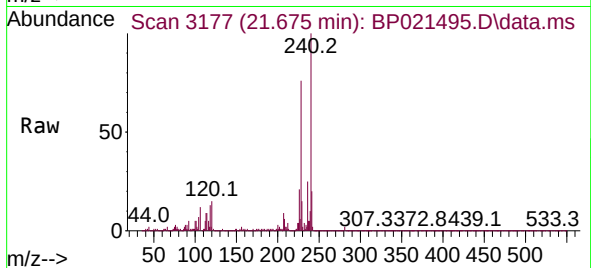
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:228 Resp: 548850
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.4 32.2
 229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.542 ng

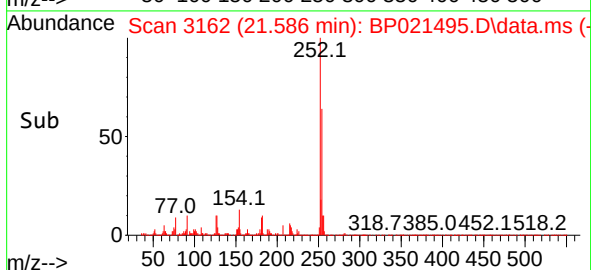
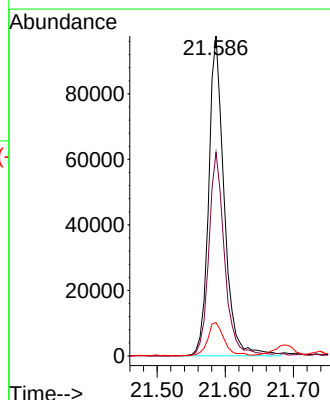
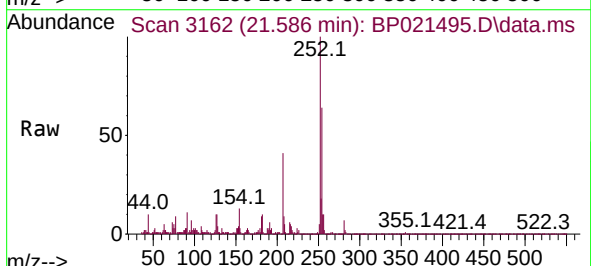
RT: 21.586 min Scan# 3162

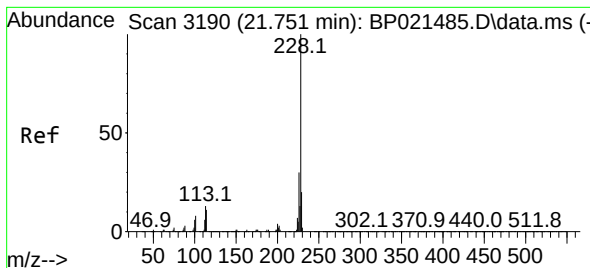
Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:252 Resp: 154112
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.7 77.5
 126 10.4 8.7 13.1





#83

Chrysene

Concen: 4.081 ng

RT: 21.739 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

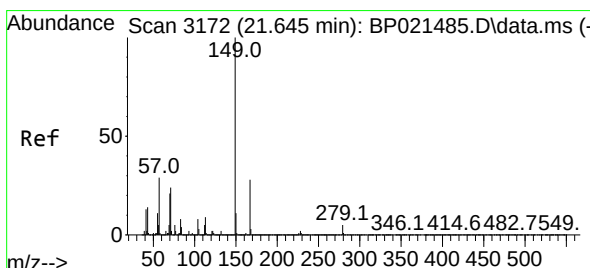
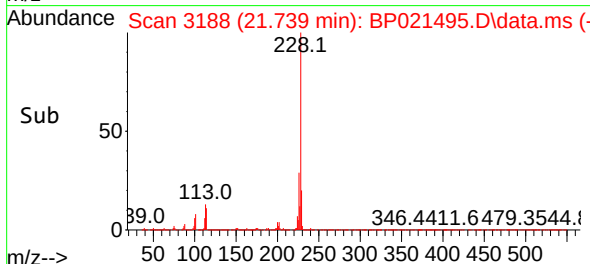
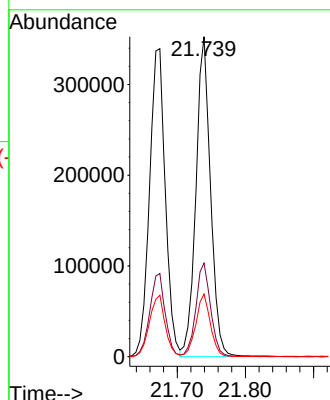
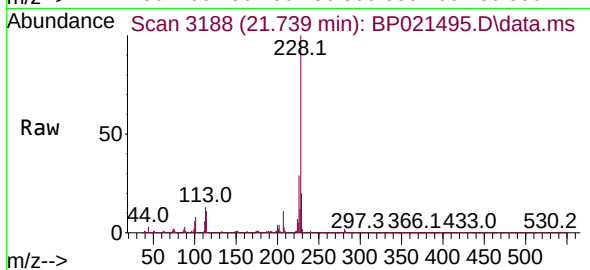
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	228	Resp:	52294
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.9	35.9
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.128 ng

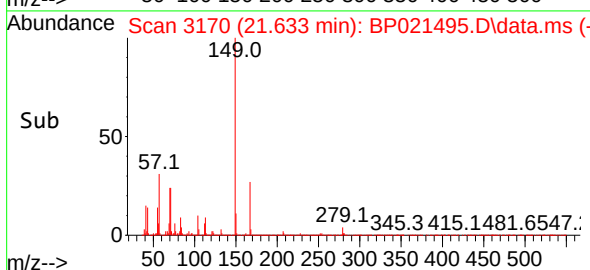
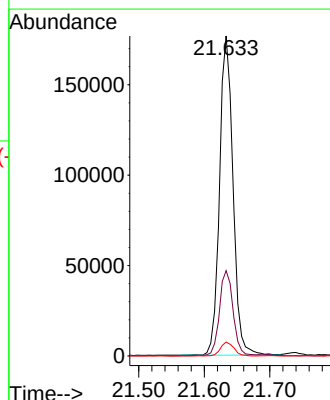
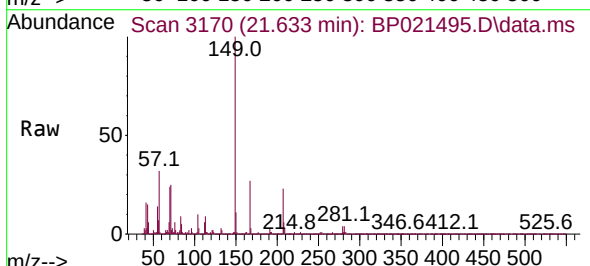
RT: 21.633 min Scan# 3170

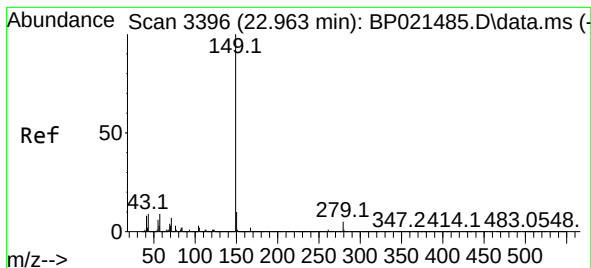
Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	149	Resp:	250872
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.3	33.5
279	4.4	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 6.953 ng

RT: 22.951 min Scan# 331

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

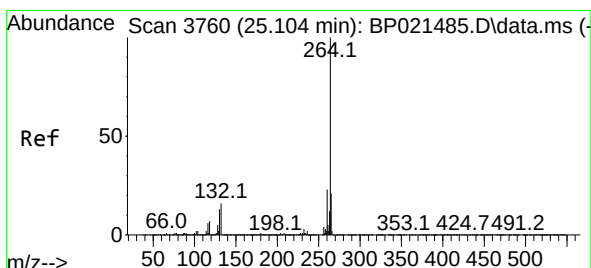
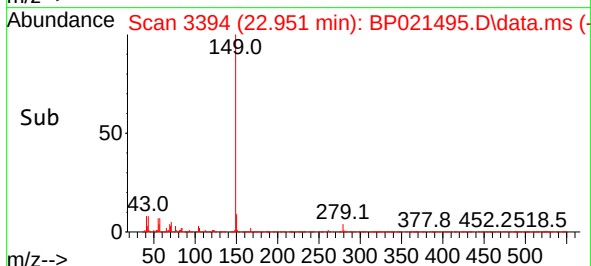
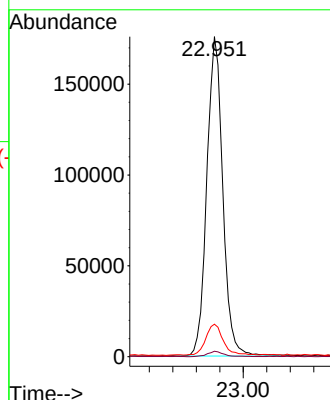
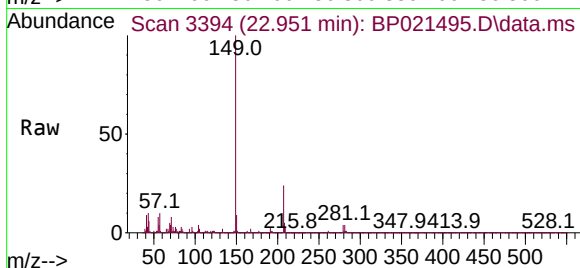
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	149	Resp:	331684
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.3	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#86

Perylene-d12

Concen: 20.000 ng

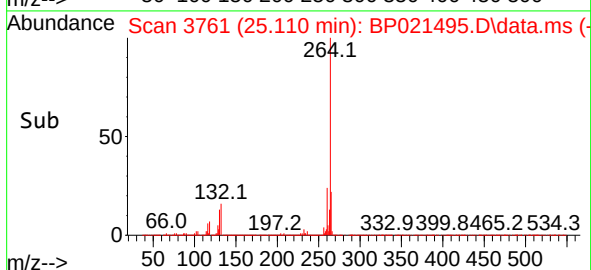
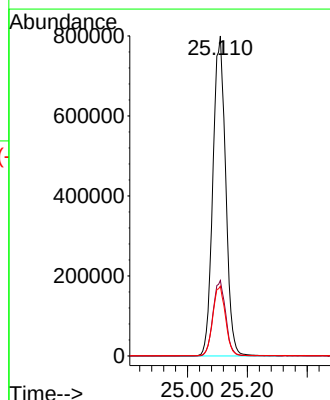
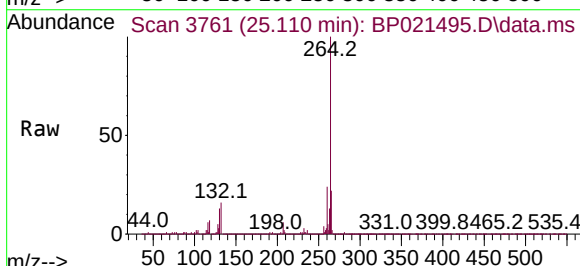
RT: 25.110 min Scan# 3761

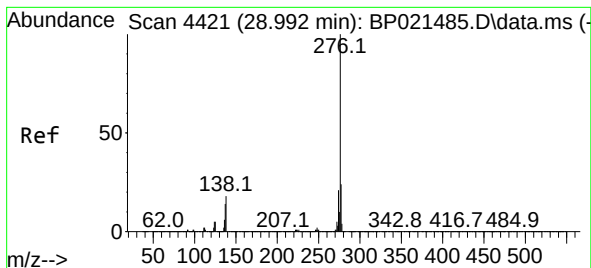
Delta R.T. 0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	264	Resp:	2369142
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	28.0
265	21.8	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.721 ng m

RT: 28.962 min Scan# 4421

Delta R.T. -0.029 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

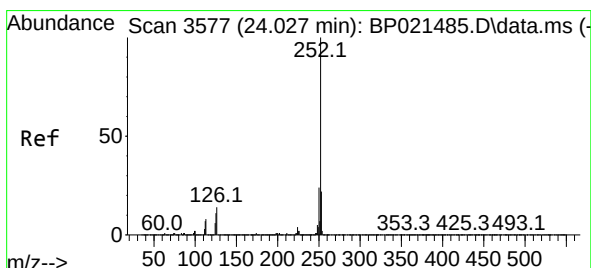
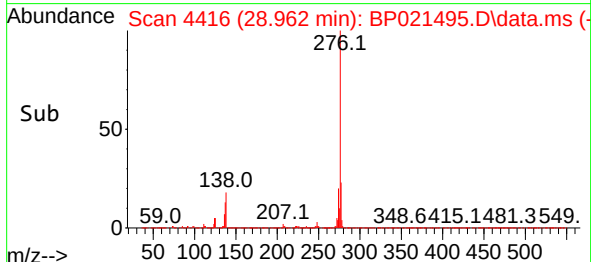
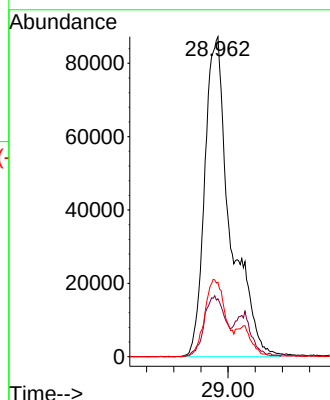
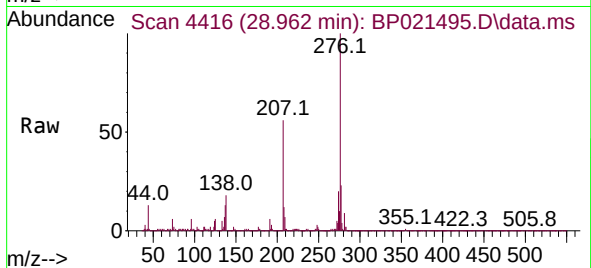
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	276	Resp:	571418
Ion Ratio	Lower	Upper	
276	100		
138	15.5	12.8	19.2
277	19.4	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#88

Benzo(b)fluoranthene

Concen: 3.762 ng

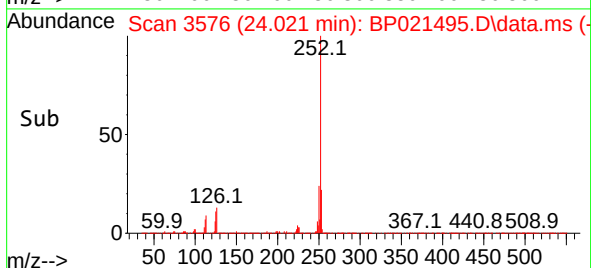
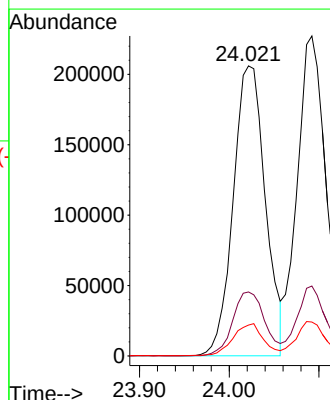
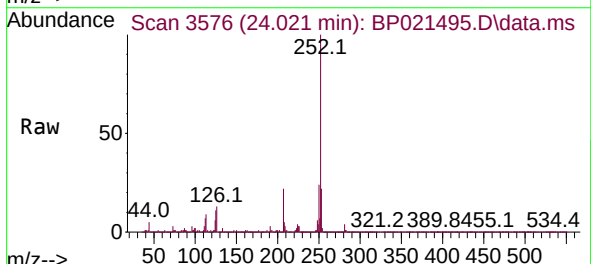
RT: 24.021 min Scan# 3576

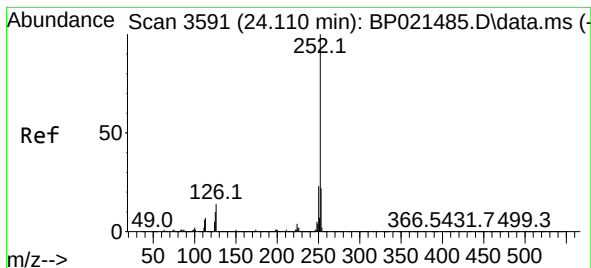
Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	252	Resp:	511881
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.7	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 3.890 ng

RT: 24.092 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

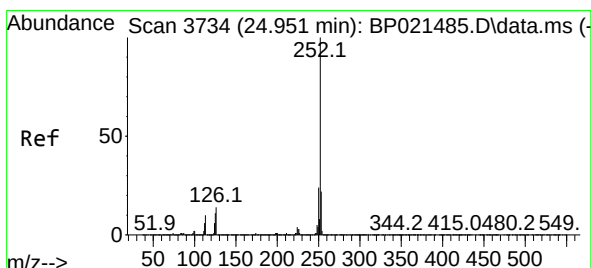
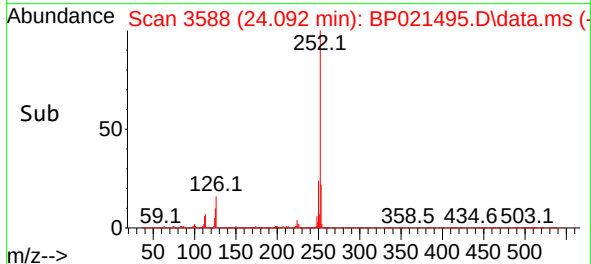
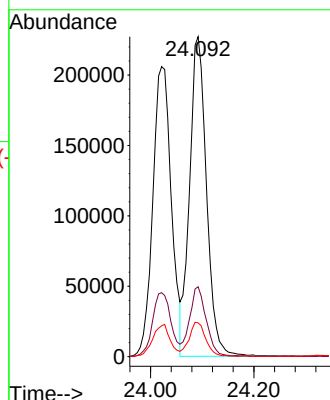
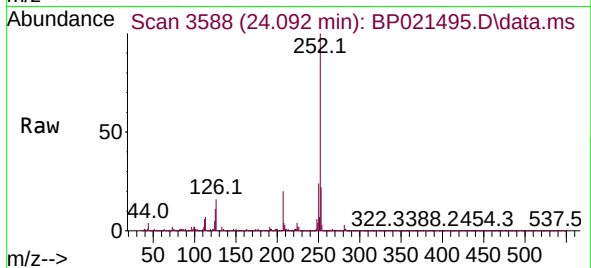
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:252 Resp: 51627
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.6 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#90

Benzo(a)pyrene

Concen: 3.792 ng

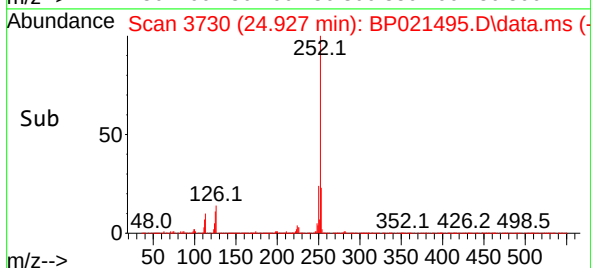
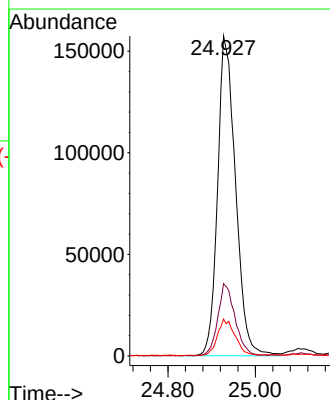
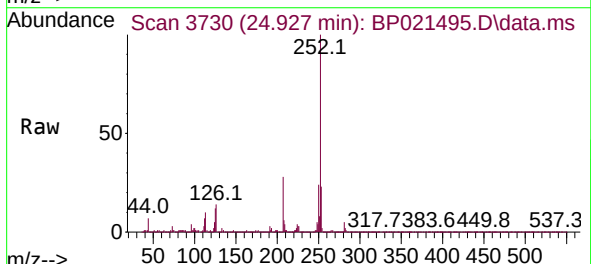
RT: 24.927 min Scan# 3730

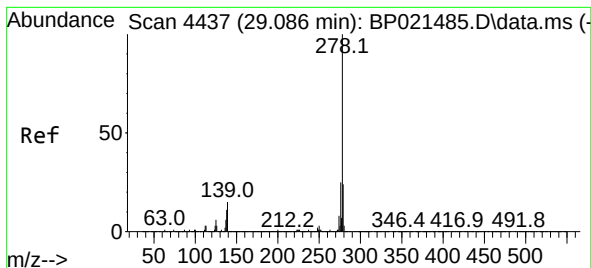
Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:252 Resp: 447722
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.7 26.5
 125 11.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.756 ng

RT: 29.062 min Scan# 4437

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

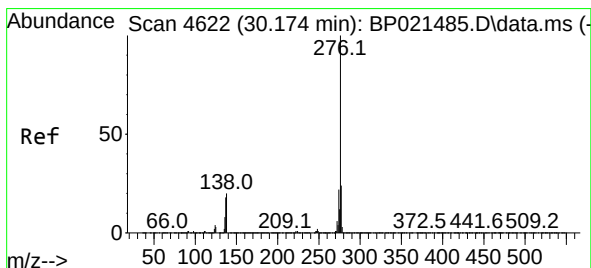
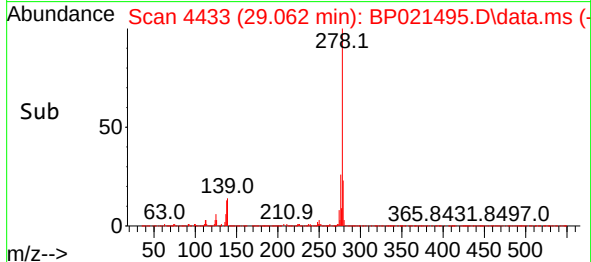
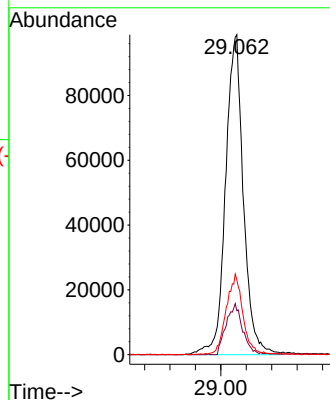
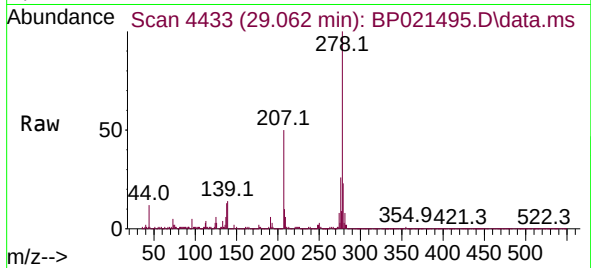
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	278	Resp:	479290
Ion Ratio	Lower	Upper	
278	100		
139	13.7	12.2	18.4
279	23.4	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#92

Benzo(g,h,i)perylene

Concen: 3.672 ng

RT: 30.145 min Scan# 4617

Delta R.T. -0.029 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:	276	Resp:	469572
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.6
138	21.1	16.0	24.0

