

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021969.D
 Acq On : 20 Sep 2024 16:09
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL 8 ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: Sep 20 17:01:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	85184	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	331316	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	246291	20.000	ng	0.00
64) Phenanthrene-d10	17.115	188	606469	20.000	ng	-0.02
76) Chrysene-d12	21.556	240	740542	20.000	ng	0.00
86) Perylene-d12	24.850	264	868149	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	600752	132.534	ng	0.00
7) Phenol-d6	6.893	99	784636	133.341	ng	0.00
23) Nitrobenzene-d5	8.851	82	617160	98.564	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	645535	141.380	ng	-0.02
45) 2-Fluorobiphenyl	12.933	172	1577244	93.483	ng	0.00
79) Terphenyl-d14	19.851	244	3294805	83.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	16688	8.866	ng	96
3) Pyridine	3.663	79	39299	7.829	ng	96
4) n-Nitrosodimethylamine	3.563	42	23806	8.990	ng	# 97
6) Aniline	7.045	93	54242	10.490	ng	99
8) 2-Chlorophenol	7.281	128	43992	9.076	ng	94
9) Benzaldehyde	6.863	77	41998	13.650	ng	96
10) Phenol	6.916	94	52571	8.995	ng	97
11) bis(2-Chloroethyl)ether	7.140	93	40013	9.089	ng	98
12) 1,3-Dichlorobenzene	7.604	146	53907	8.809	ng	96
13) 1,4-Dichlorobenzene	7.745	146	55016	8.865	ng	99
14) 1,2-Dichlorobenzene	8.057	146	52630	8.836	ng	99
15) Benzyl Alcohol	7.945	79	39947	8.852	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	44825	9.546	ng	98
17) 2-Methylphenol	8.145	107	33220	8.414	ng	98
18) Hexachloroethane	8.775	117	20398	8.939	ng	90
19) n-Nitroso-di-n-propyla...	8.504	70	33997	9.295	ng	95
20) 3+4-Methylphenols	8.469	107	46731	8.384	ng	99
22) Acetophenone	8.516	105	74695	9.242	ng	# 95
24) Nitrobenzene	8.892	77	57697	9.074	ng	98
25) Isophorone	9.416	82	90279	8.745	ng	99
26) 2-Nitrophenol	9.598	139	22569	8.118	ng	90
27) 2,4-Dimethylphenol	9.657	122	21398	6.647	ng	92
28) bis(2-Chloroethoxy)met...	9.886	93	54454	8.798	ng	96
29) 2,4-Dichlorophenol	10.128	162	44741	8.188	ng	96
30) 1,2,4-Trichlorobenzene	10.339	180	57790	8.491	ng	100
31) Naphthalene	10.522	128	144920	8.766	ng	99
32) Benzoic acid	9.739	122	23345m	6.203	ng	
33) 4-Chloroaniline	10.633	127	54272	9.101	ng	98
34) Hexachlorobutadiene	10.810	225	41403	7.776	ng	93
35) Caprolactam	11.398	113	12568	7.728	ng	94
36) 4-Chloro-3-methylphenol	11.757	107	48392	8.255	ng	97
37) 2-Methylnaphthalene	12.128	142	103284	8.539	ng	97
38) 1-Methylnaphthalene	12.351	142	97037	8.126	ng	98
40) 1,2,4,5-Tetrachloroben...	12.504	216	73684	8.551	ng	99
41) Hexachlorocyclopentadiene	12.486	237	20080	6.272	ng	97
43) 2,4,6-Trichlorophenol	12.745	196	41217	7.793	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
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Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

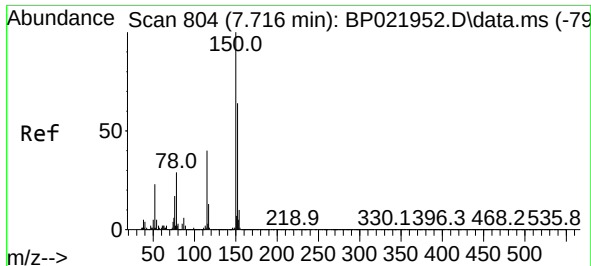
Quant Time: Sep 20 17:01:49 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	46382	7.818	ng	98
46) 1,1'-Biphenyl	13.145	154	148613	8.850	ng	100
47) 2-Chloronaphthalene	13.192	162	117150	8.628	ng	98
48) 2-Nitroaniline	13.392	65	28343	7.644	ng	97
49) Acenaphthylene	14.045	152	176292	9.201	ng	98
50) Dimethylphthalate	13.774	163	155574	8.709	ng	99
51) 2,6-Dinitrotoluene	13.892	165	31060	7.803	ng	95
52) Acenaphthene	14.386	154	105158	8.433	ng	99
53) 3-Nitroaniline	14.227	138	27776	7.830	ng	93
54) 2,4-Dinitrophenol	14.433	184	14891	6.385	ng	96
55) Dibenzofuran	14.722	168	186710	8.908	ng	97
56) 4-Nitrophenol	14.539	139	21607	6.998	ng	100
57) 2,4-Dinitrotoluene	14.686	165	43236	7.684	ng	96
58) Fluorene	15.380	166	147932	8.451	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	46346	8.094	ng	98
60) Diethylphthalate	15.157	149	155631	8.574	ng	98
61) 4-Chlorophenyl-phenyle...	15.374	204	85784	8.418	ng	99
62) 4-Nitroaniline	15.398	138	29831	7.647	ng	96
63) Azobenzene	15.674	77	131800	8.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	24881	7.078	ng	95
66) n-Nitrosodiphenylamine	15.598	169	131486	8.707	ng	99
67) 4-Bromophenyl-phenylether	16.292	248	58396	8.260	ng	97
68) Hexachlorobenzene	16.404	284	72959	8.277	ng	99
69) Atrazine	16.574	200	55252	10.212	ng	99
70) Pentachlorophenol	16.757	266	41362	6.975	ng	98
71) Phenanthrene	17.157	178	254381	8.738	ng	99
72) Anthracene	17.257	178	232294	8.243	ng	99
73) Carbazole	17.533	167	232605	8.546	ng	100
74) Di-n-butylphthalate	18.127	149	253105	7.917	ng	99
75) Fluoranthene	19.251	202	335293	8.251	ng	99
77) Benzidine	19.451	184	118091	13.049	ng	99
78) Pyrene	19.627	202	356250	7.952	ng	100
80) Butylbenzylphthalate	20.580	149	119681	7.490	ng	95
81) Benzo(a)anthracene	21.533	228	412920	8.678	ng	98
82) 3,3'-Dichlorobenzidine	21.462	252	142816	8.272	ng	97
83) Chrysene	21.609	228	395436	8.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	181076	7.722	ng	98
85) Di-n-octyl phthalate	22.739	149	293710	7.374	ng	100
87) Indeno(1,2,3-cd)pyrene	28.591	276	523745	9.071	ng	100
88) Benzo(b)fluoranthene	23.803	252	427298m	8.322	ng	
89) Benzo(k)fluoranthene	23.880	252	437228	8.999	ng	98
90) Benzo(a)pyrene	24.686	252	391206	8.845	ng	98
91) Dibenzo(a,h)anthracene	28.668	278	433479	9.096	ng	99
92) Benzo(g,h,i)perylene	29.744	276	415352	8.509	ng	97

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



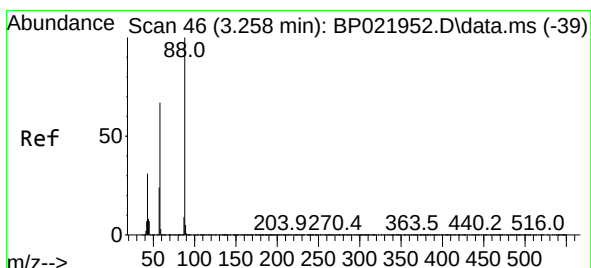
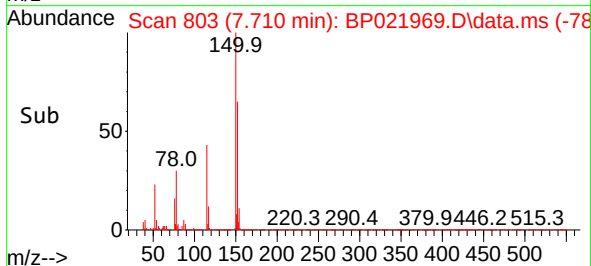
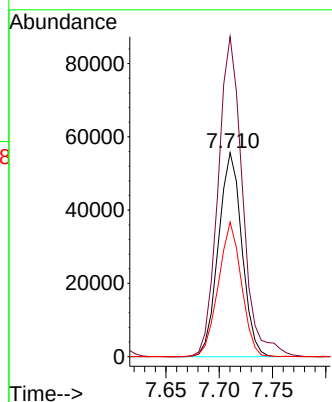
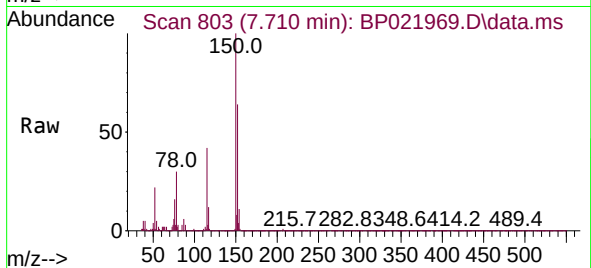
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:152 Resp: 85184
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 65.9 49.2 73.8

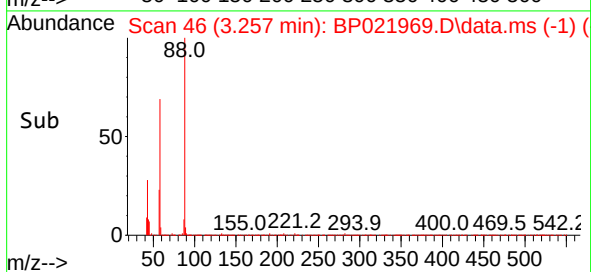
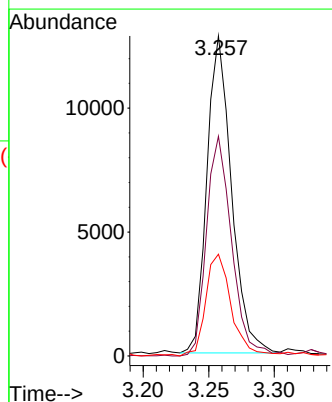
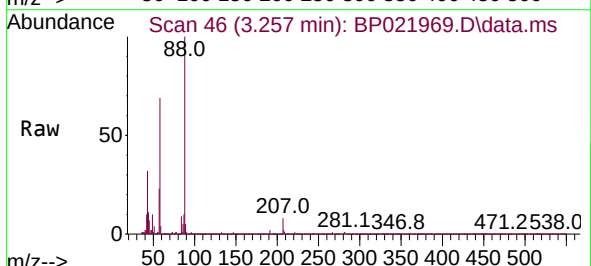
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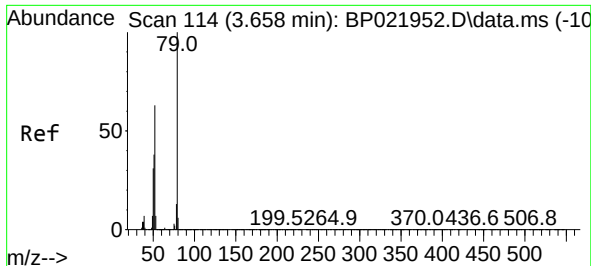
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 8.866 ng
RT: 3.257 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

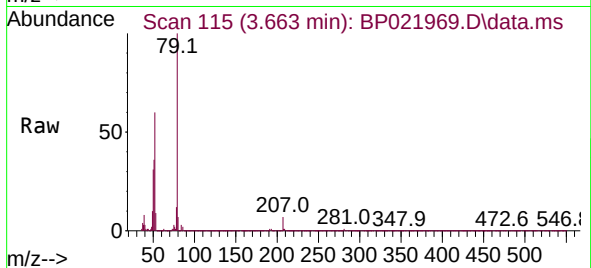
Tgt Ion: 88 Resp: 16688
Ion Ratio Lower Upper
88 100
58 71.1 53.8 80.6
43 33.4 25.2 37.8





#3
Pyridine
Concen: 7.829 ng
RT: 3.663 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

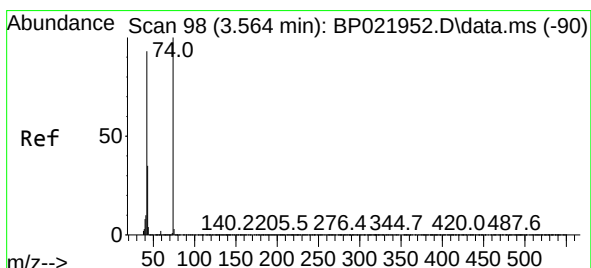
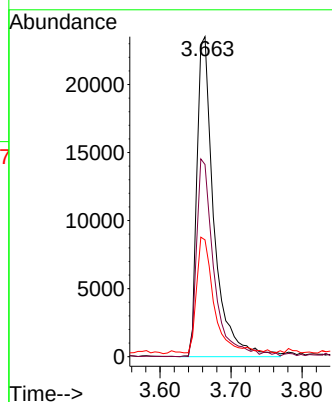
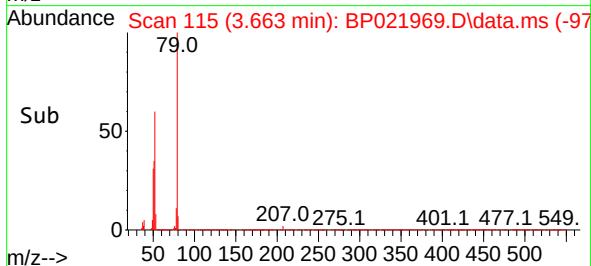
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 79 Resp: 39295
Ion Ratio Lower Upper
79 100
52 60.1 50.3 75.5
51 36.5 30.9 46.3

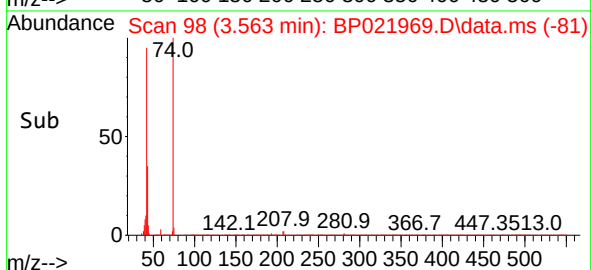
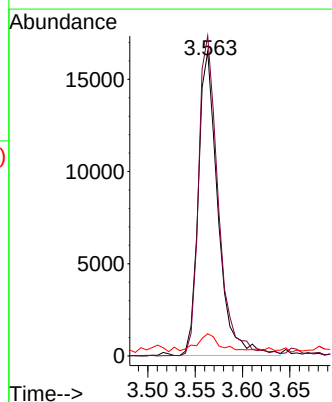
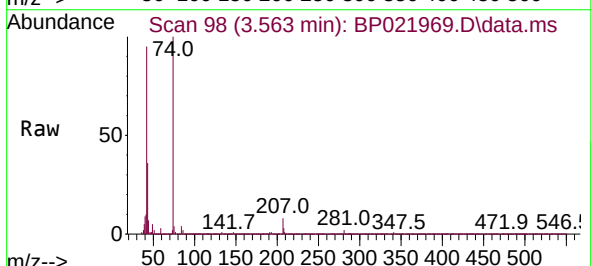
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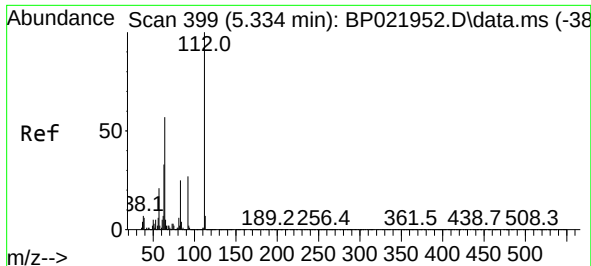
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#4
n-Nitrosodimethylamine
Concen: 8.990 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 42 Resp: 23806
Ion Ratio Lower Upper
42 100
74 105.1 86.3 129.5
44 7.3 4.0 6.0





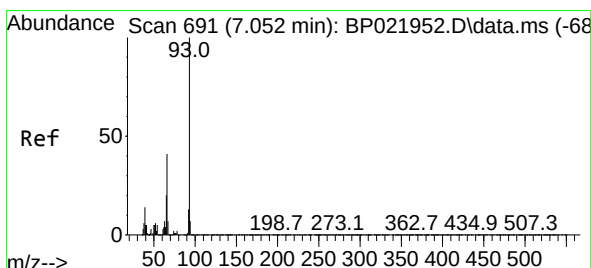
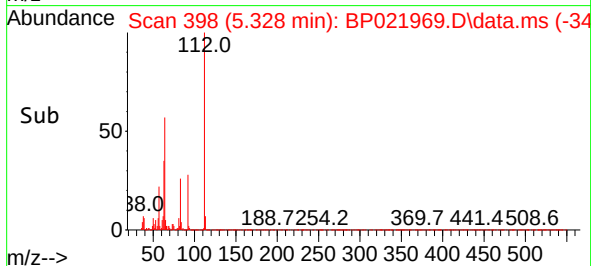
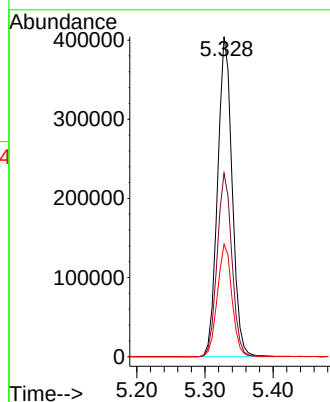
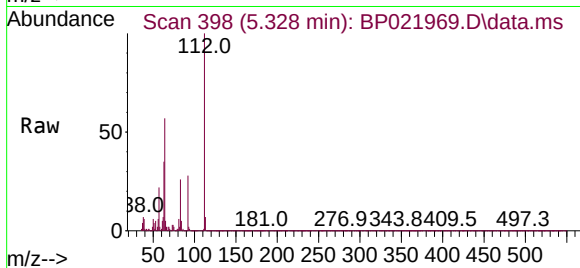
#5
2-Fluorophenol
Concen: 132.534 ng
RT: 5.328 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:112 Resp: 600752
Ion Ratio Lower Upper
112 100
64 57.3 45.4 68.0
63 35.2 26.6 39.8

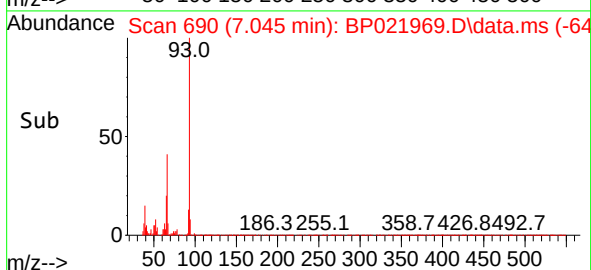
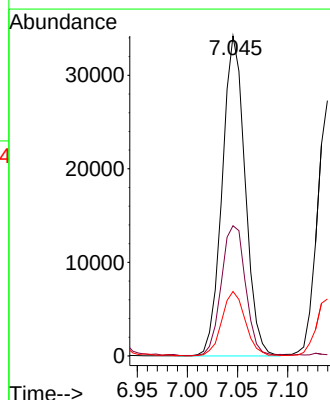
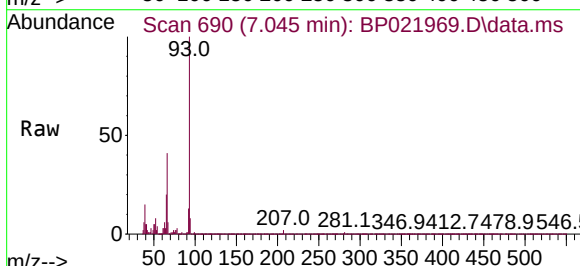
Manual Integrations
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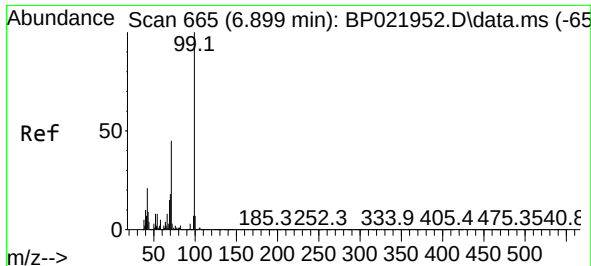
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 10.490 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 93 Resp: 54242
Ion Ratio Lower Upper
93 100
66 40.7 33.0 49.4
65 20.1 16.1 24.1





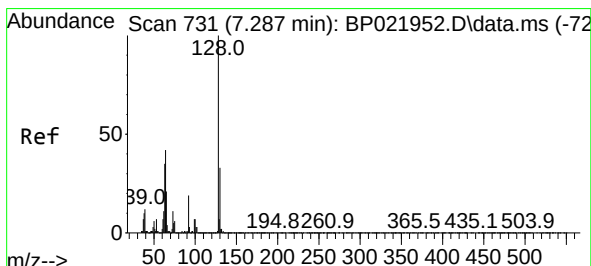
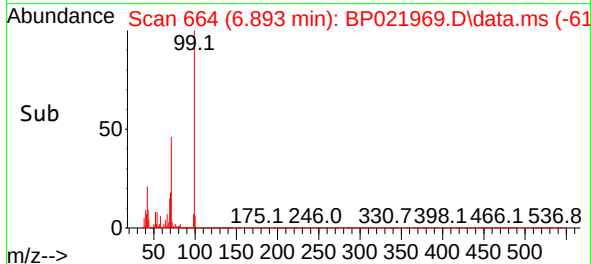
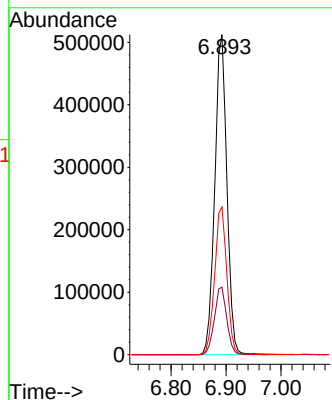
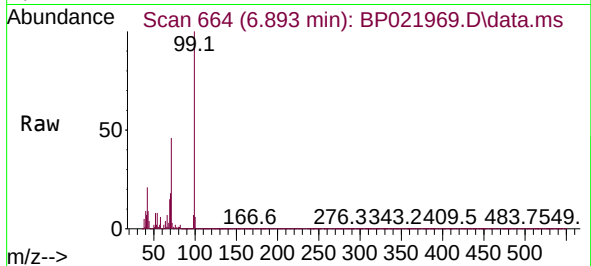
#7
Phenol-d6
Concen: 133.341 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 99 Resp: 784630
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 46.1 35.8 53.6

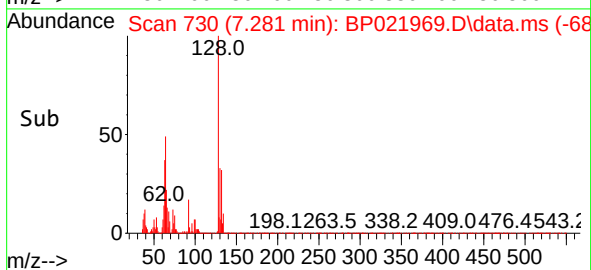
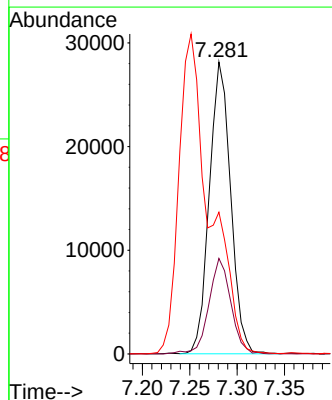
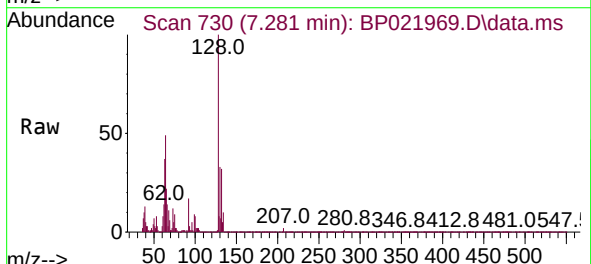
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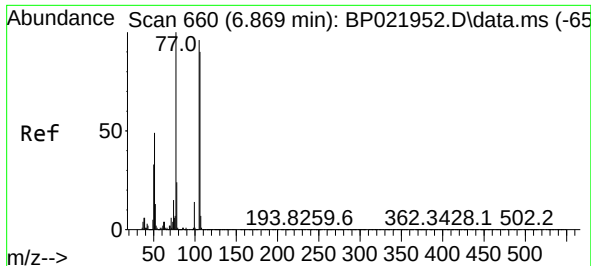
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 9.076 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:128 Resp: 43992
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 48.6 22.1 62.1





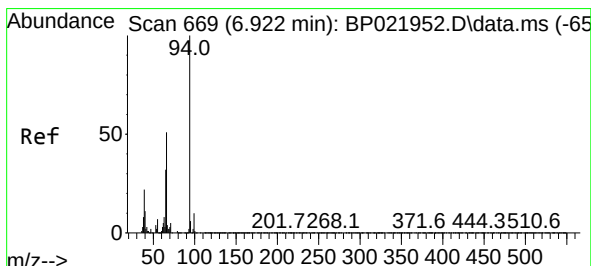
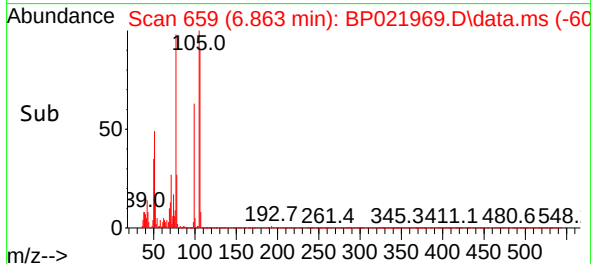
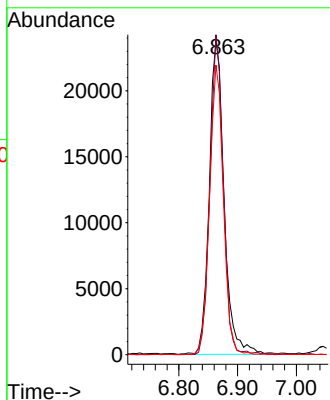
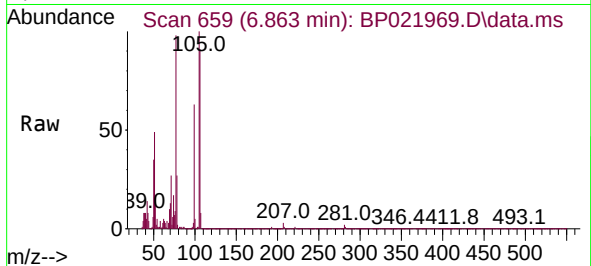
#9
Benzaldehyde
Concen: 13.650 ng
RT: 6.863 min Scan# 610
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 77 Resp: 41998
Ion Ratio Lower Upper
77 100
105 101.9 76.1 116.1
106 92.2 69.9 109.9

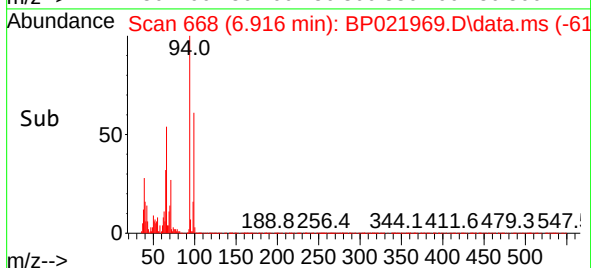
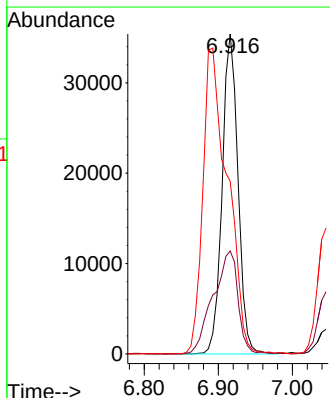
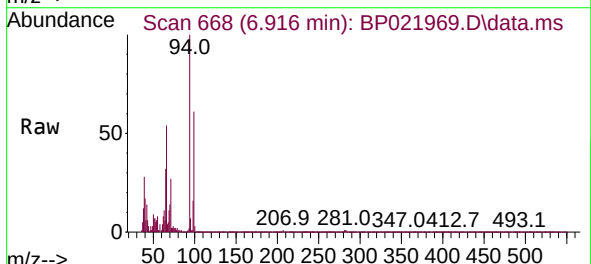
Manual Integrations
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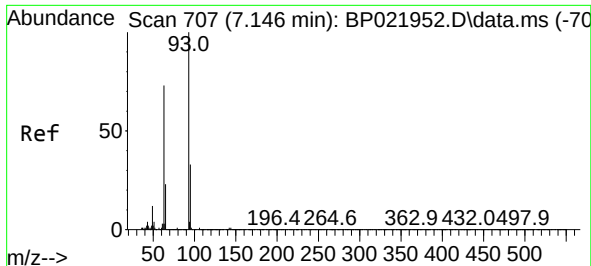
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 8.995 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 94 Resp: 52571
Ion Ratio Lower Upper
94 100
65 32.1 12.5 52.5
66 54.0 31.2 71.2





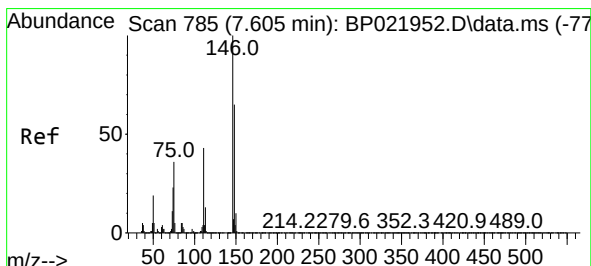
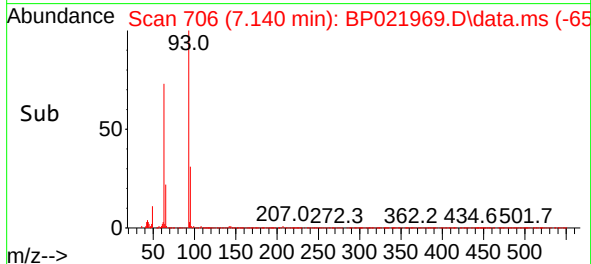
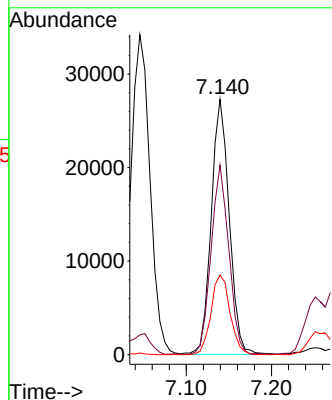
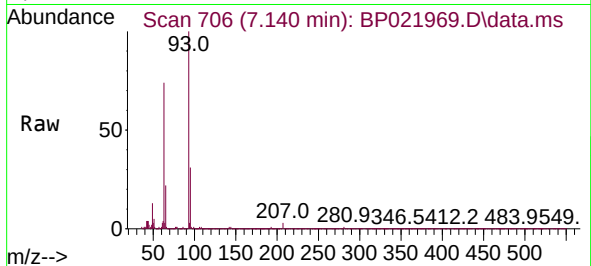
#11
bis(2-Chloroethyl)ether
Concen: 9.089 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 93 Resp: 4001
Ion Ratio Lower Upper
93 100
63 74.2 53.0 93.0
95 31.2 12.4 52.4

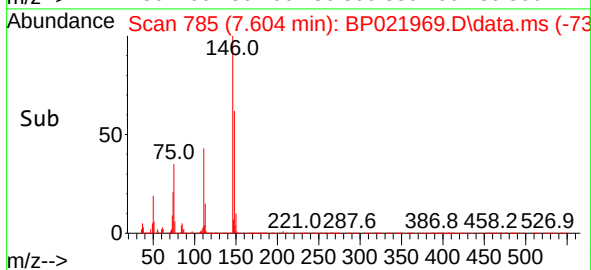
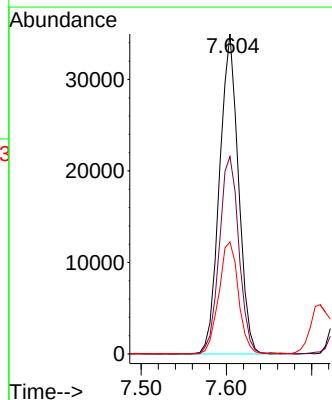
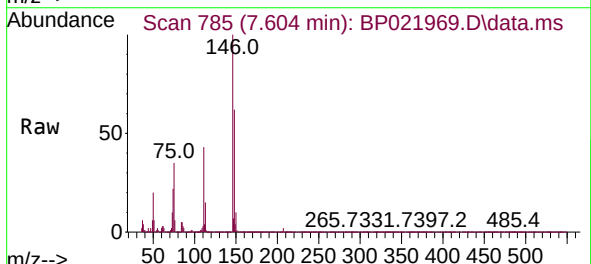
Manual Integrations
APPROVED

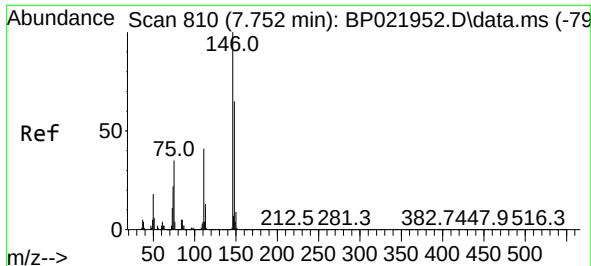
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 8.809 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:146 Resp: 53907
Ion Ratio Lower Upper
146 100
148 61.7 52.3 78.5
75 35.0 29.0 43.6





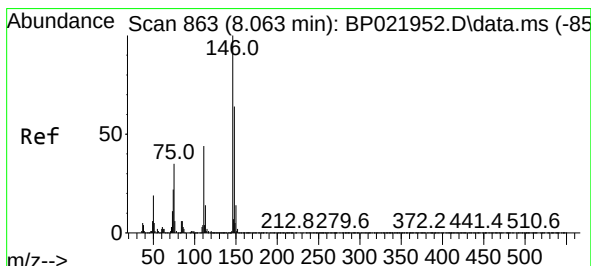
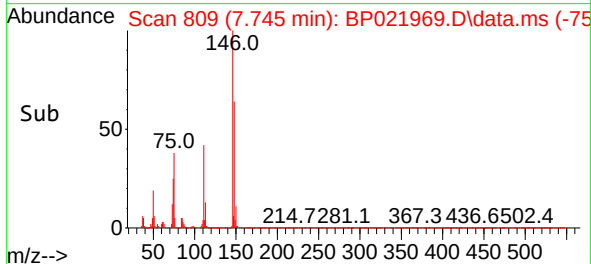
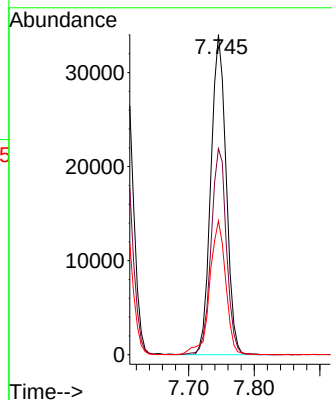
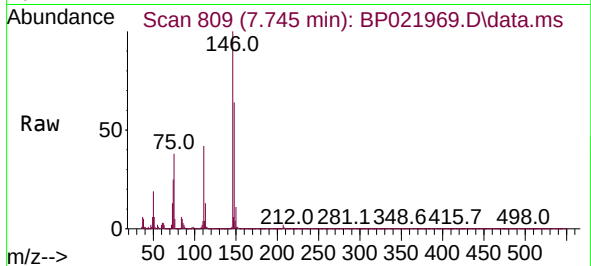
#13
1,4-Dichlorobenzene
Concen: 8.865 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:146 Resp: 55010
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 41.9 32.6 48.8

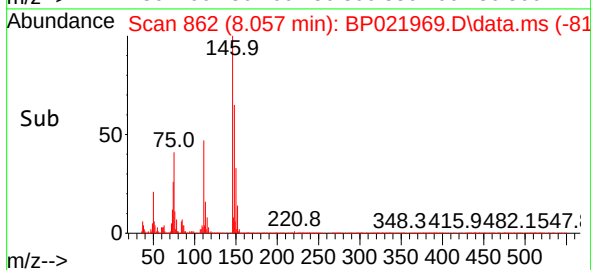
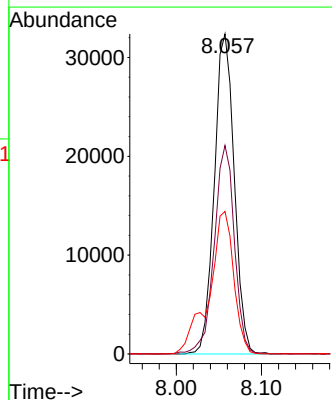
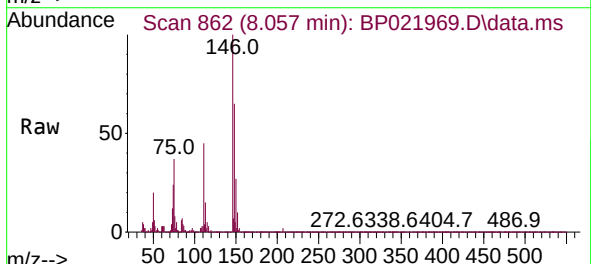
Manual Integrations
APPROVED

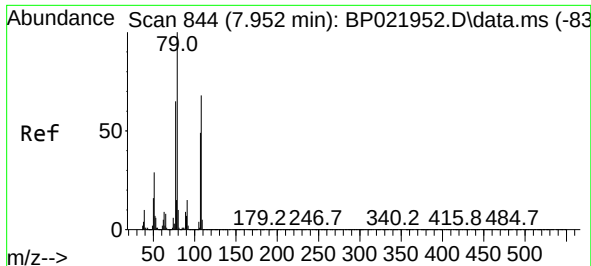
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 8.836 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:146 Resp: 52630
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
111 44.5 35.6 53.4





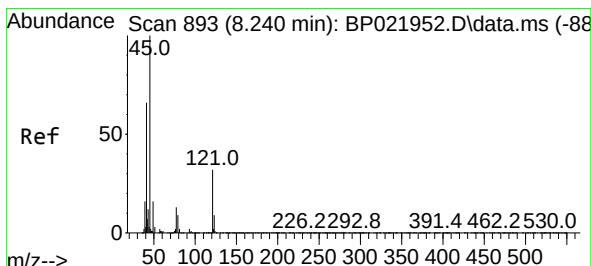
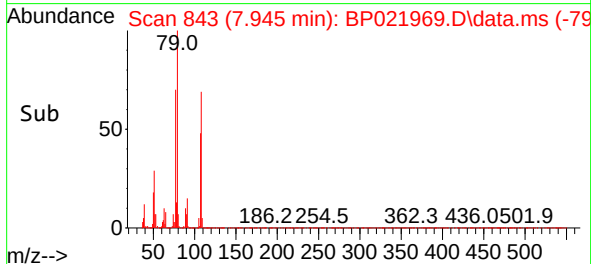
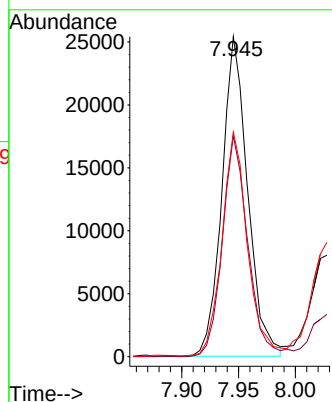
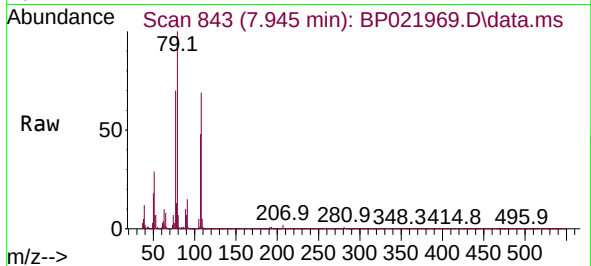
#15
Benzyl Alcohol
Concen: 8.852 ng
RT: 7.945 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 79 Resp: 3994
Ion Ratio Lower Upper
79 100
108 69.0 54.7 82.1
77 70.2 51.8 77.8

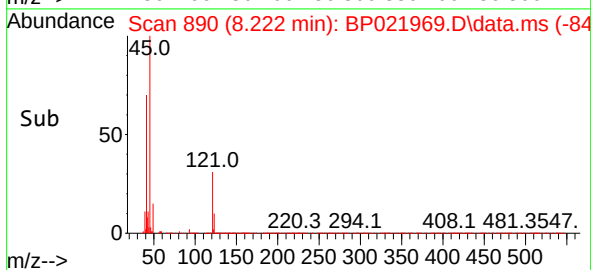
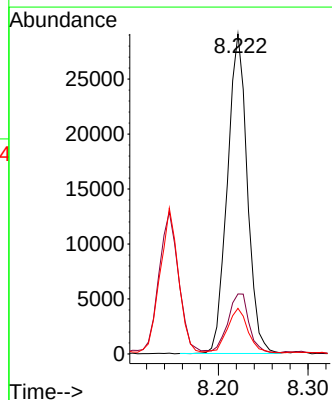
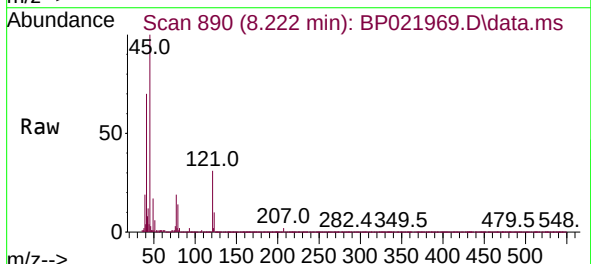
Manual Integrations
APPROVED

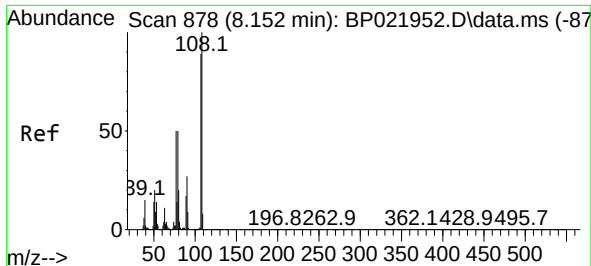
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.546 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 45 Resp: 44825
Ion Ratio Lower Upper
45 100
77 18.8 0.0 39.5
79 14.3 0.0 34.9





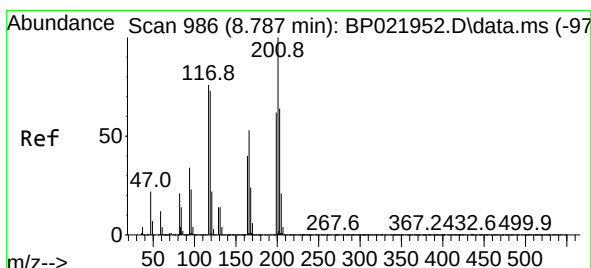
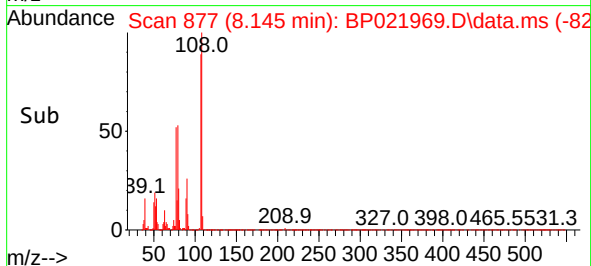
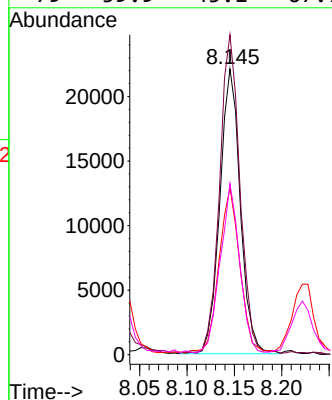
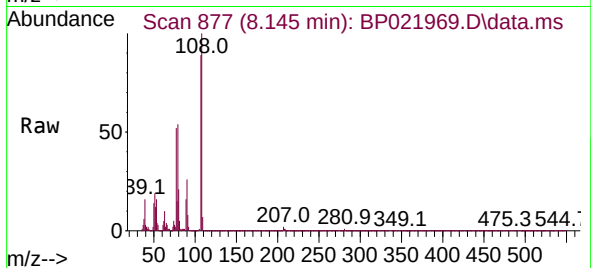
#17
2-Methylphenol
Concen: 8.414 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	107	Resp:	33220
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.3	135.5
77	58.4	45.1	67.7
79	59.9	45.1	67.7

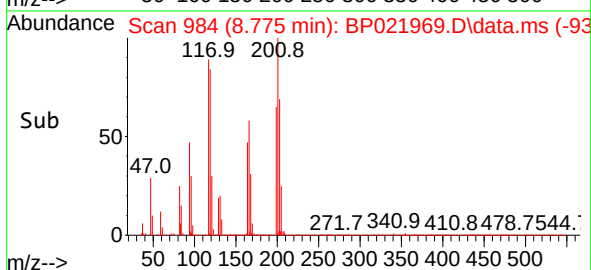
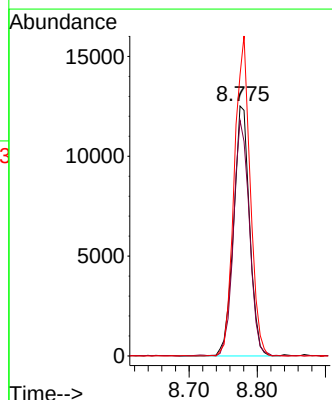
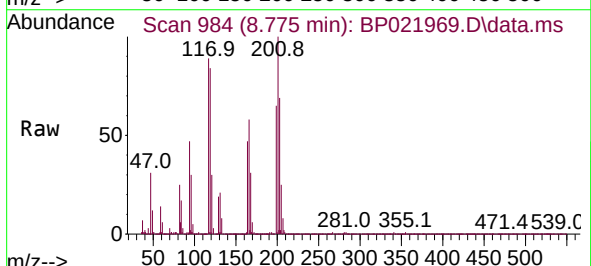
Manual Integrations
APPROVED

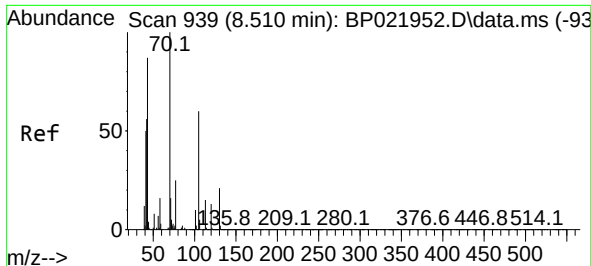
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 8.939 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

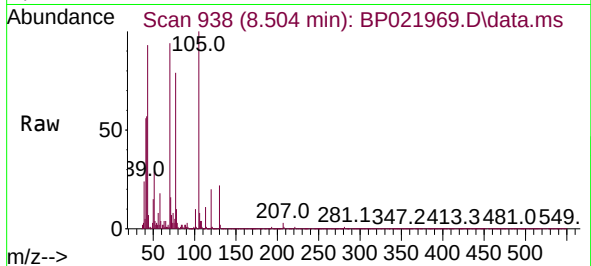
Tgt Ion:	117	Resp:	20398
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.0	115.4
201	112.5	105.6	158.4





#19
n-Nitroso-di-n-propylamine
Concen: 9.295 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

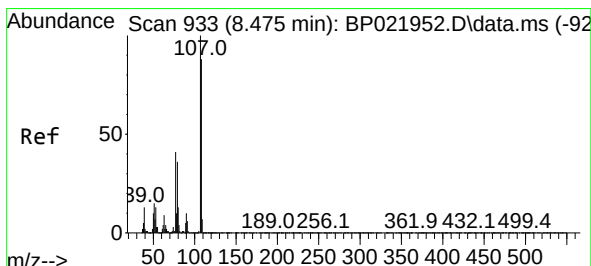
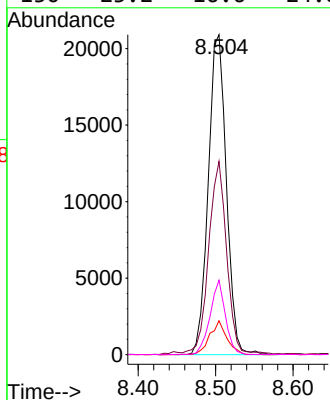
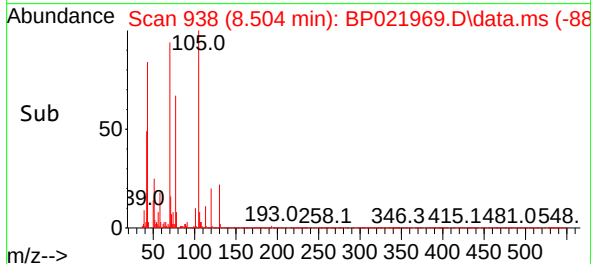
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



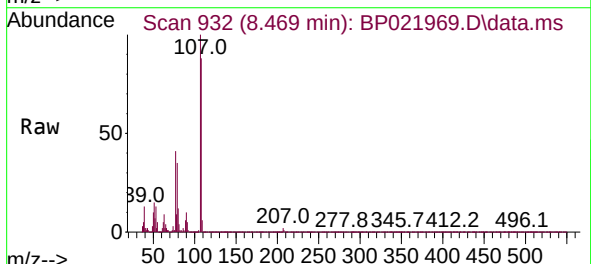
Tgt Ion: 70 Resp: 3399
Ion Ratio Lower Upper
70 100
42 60.4 45.2 67.8
101 10.6 7.8 11.6
130 23.2 16.6 24.8

Manual Integrations
APPROVED

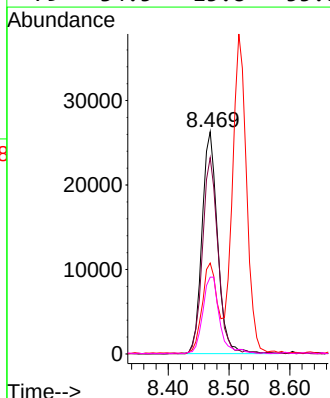
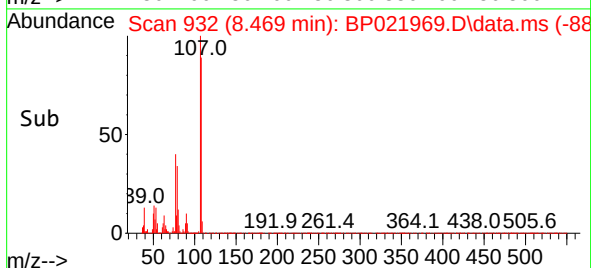
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

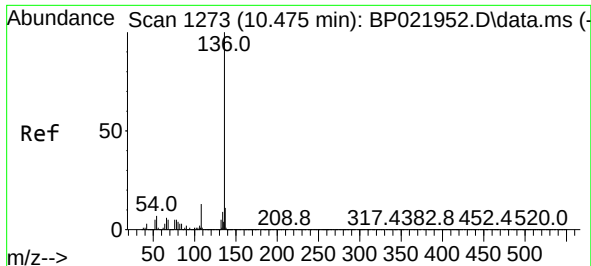


#20
3+4-Methylphenols
Concen: 8.384 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09



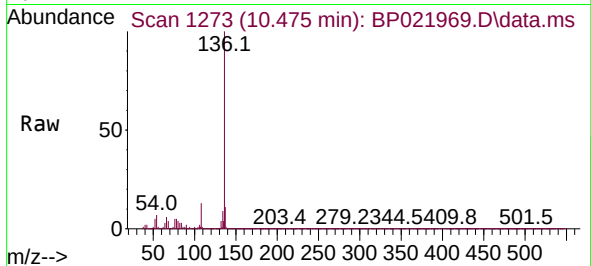
Tgt Ion:107 Resp: 46731
Ion Ratio Lower Upper
107 100
108 88.3 68.3 108.3
77 40.9 20.6 60.6
79 34.5 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

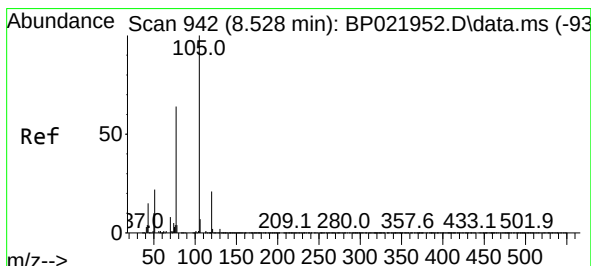
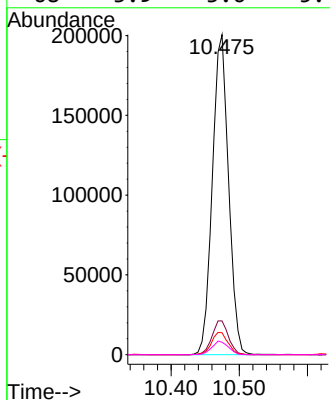
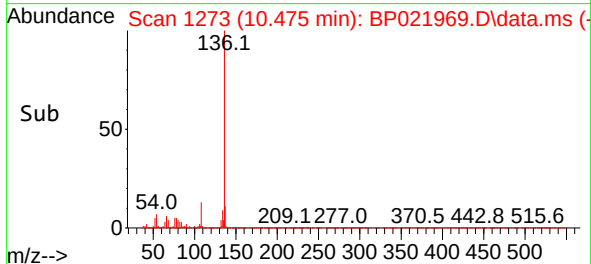
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	5.5	8.3
68	3.9	3.6	5.4

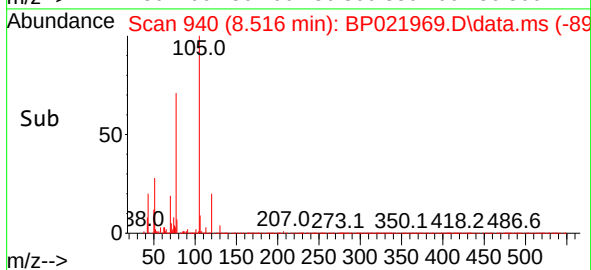
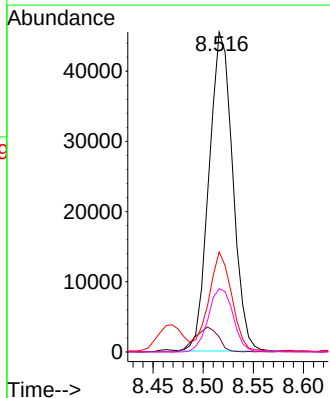
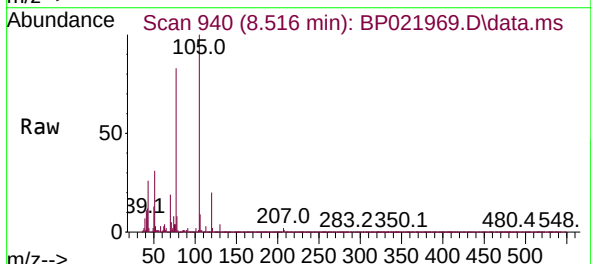
Manual Integrations
APPROVED

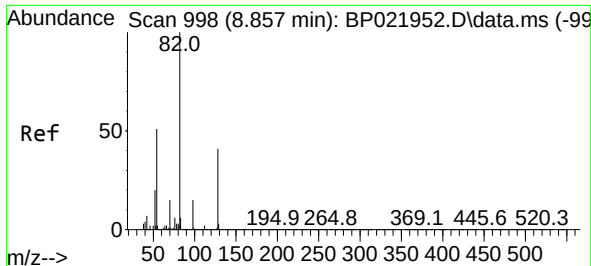
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 9.242 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

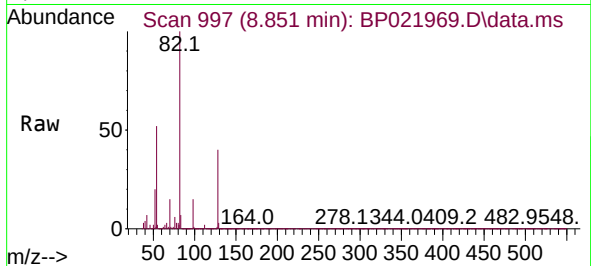
Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	1.4	2.0
51	31.3	22.1	33.1
120	19.7	16.8	25.2





#23
Nitrobenzene-d5
Concen: 98.564 ng
RT: 8.851 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

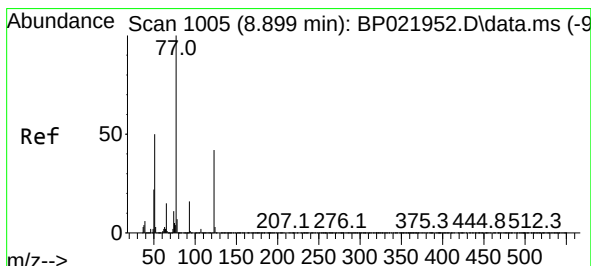
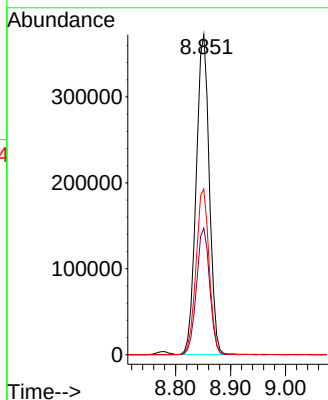
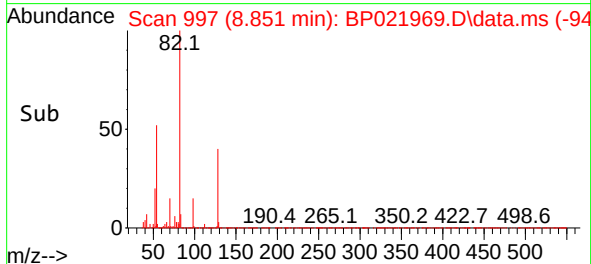
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 82 Resp: 617160
Ion Ratio Lower Upper
82 100
128 39.5 33.1 49.7
54 51.8 40.3 60.5

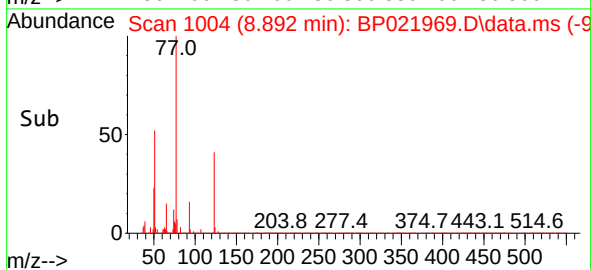
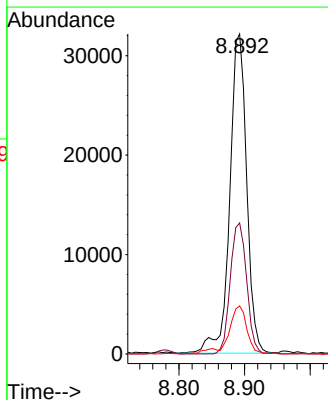
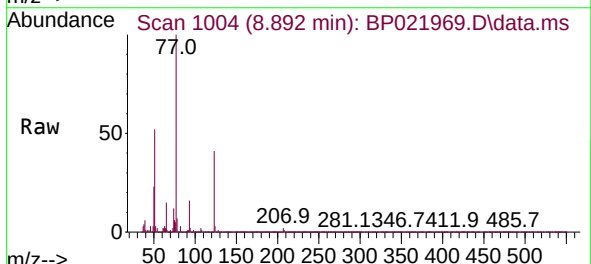
Manual Integrations
APPROVED

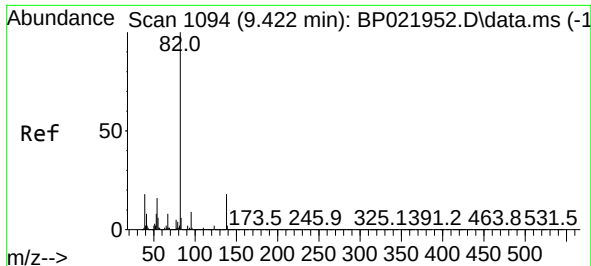
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 9.074 ng
RT: 8.892 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 77 Resp: 57697
Ion Ratio Lower Upper
77 100
123 41.0 33.9 50.9
65 15.0 12.0 18.0





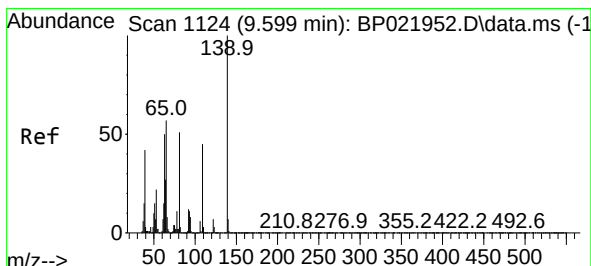
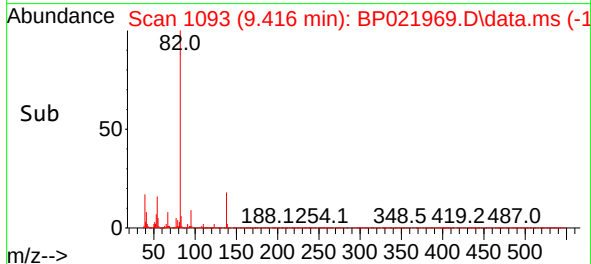
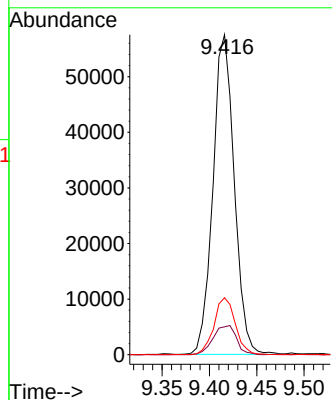
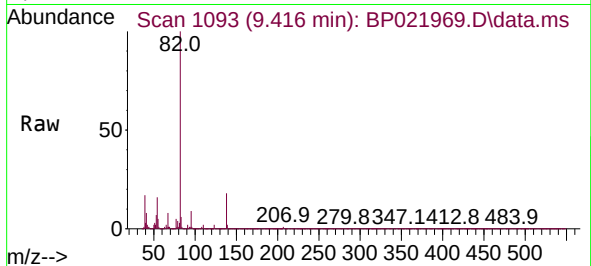
#25
Isophorone
Concen: 8.745 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 82 Resp: 90279
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.6
138 17.8 14.6 21.8

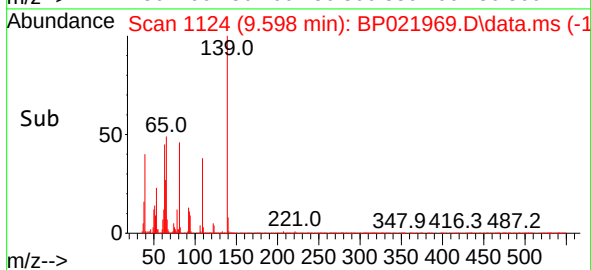
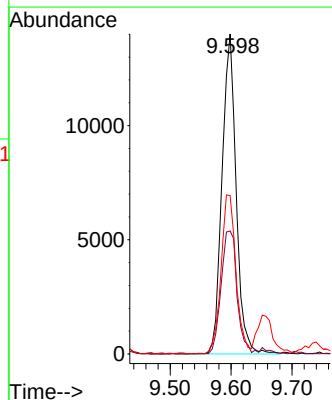
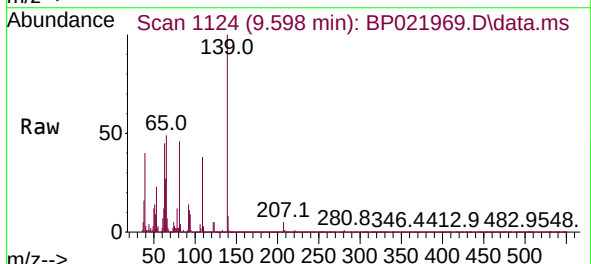
Manual Integrations
APPROVED

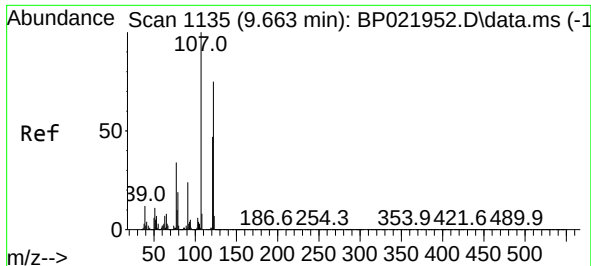
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 8.118 ng
RT: 9.598 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:139 Resp: 22569
Ion Ratio Lower Upper
139 100
109 38.4 36.0 54.0
65 49.5 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 6.647 ng

RT: 9.657 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

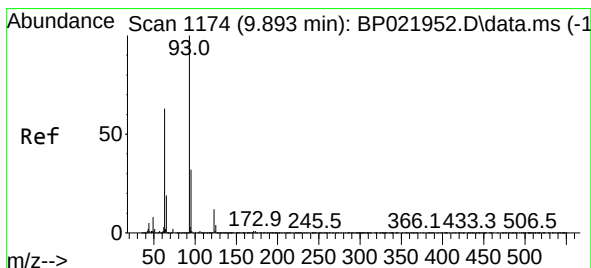
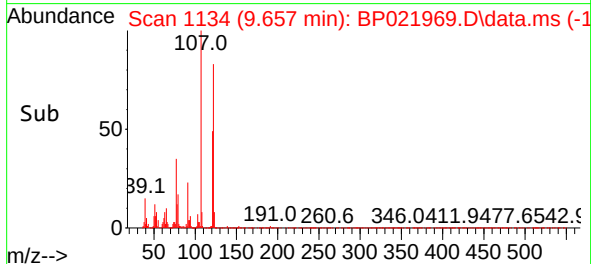
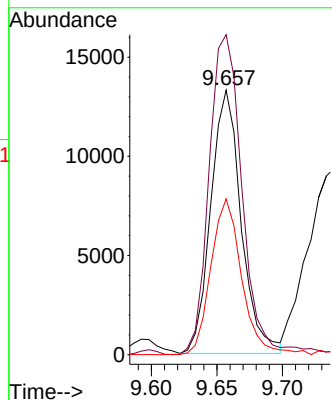
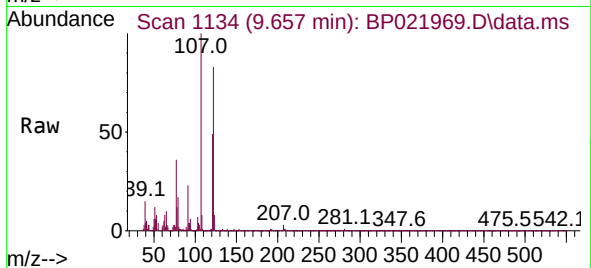
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	122	Resp:	21398
Ion	Ratio	Lower	Upper
122	100		
107	121.0	106.1	159.1
121	58.9	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.798 ng

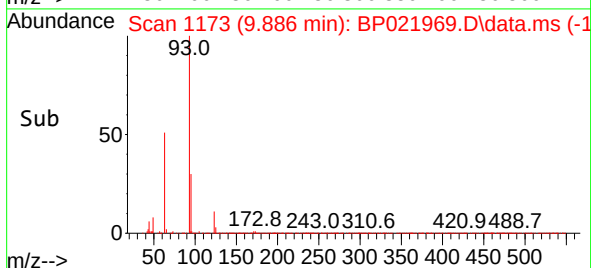
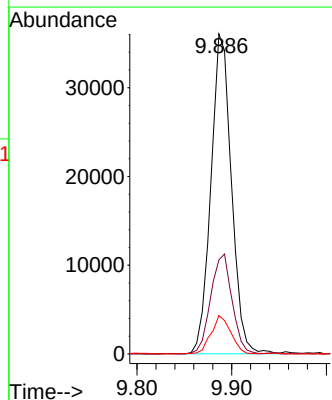
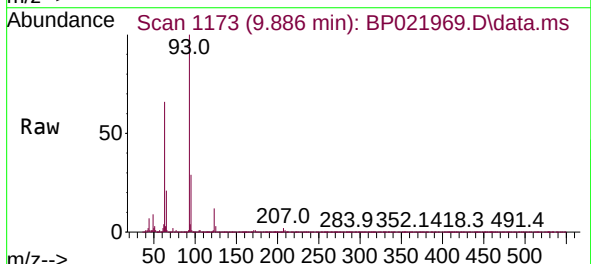
RT: 9.886 min Scan# 1173

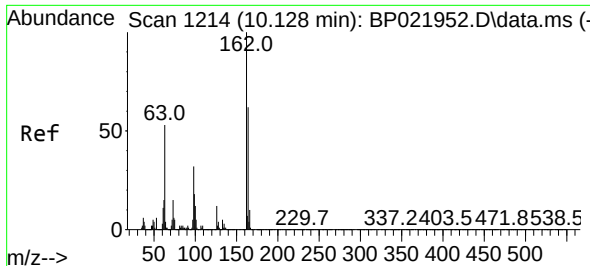
Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	93	Resp:	54454
Ion	Ratio	Lower	Upper
93	100		
95	29.4	25.7	38.5
123	12.0	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 8.188 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

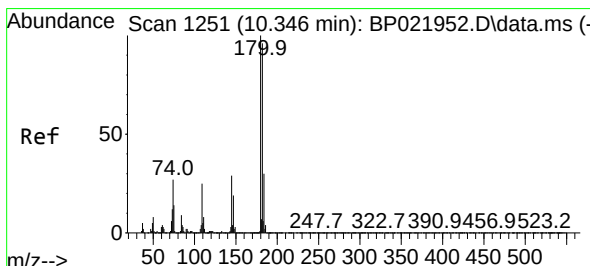
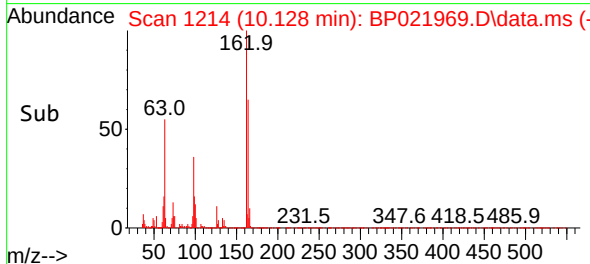
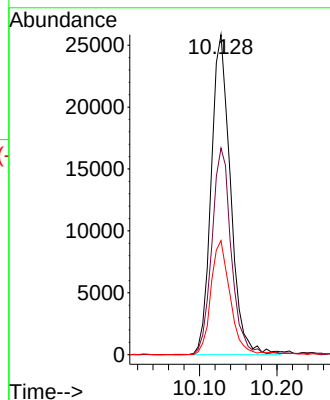
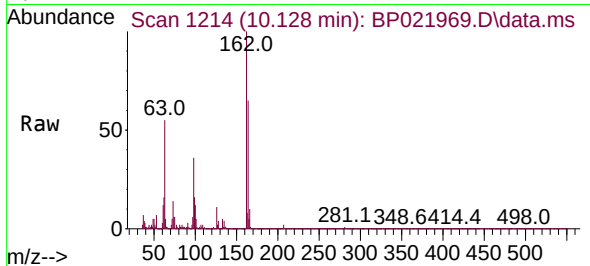
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:162	Resp:	4474
Ion Ratio	Lower	Upper
162	100	
164	64.6	41.7 81.7
98	35.7	12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 8.491 ng

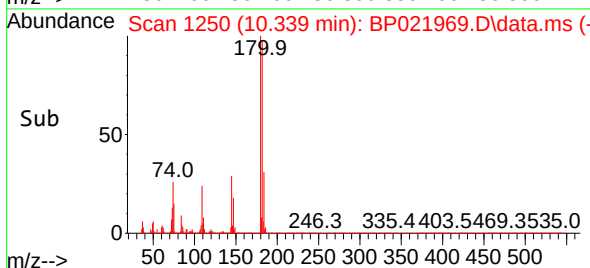
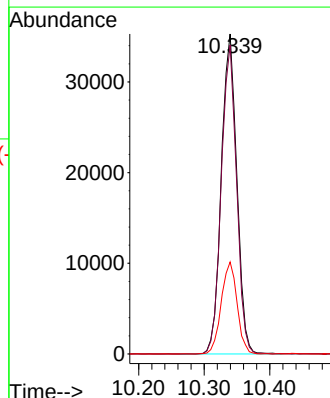
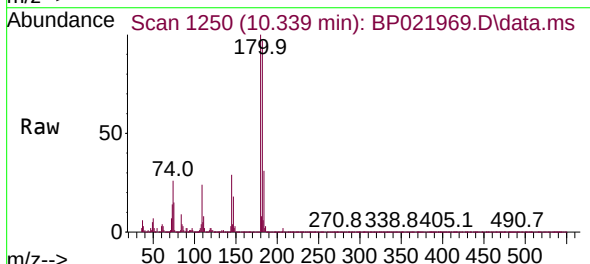
RT: 10.339 min Scan# 1250

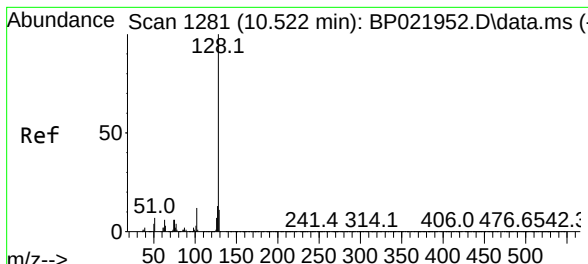
Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:180	Resp:	57790
Ion Ratio	Lower	Upper
180	100	
182	96.5	77.0 115.4
145	28.8	23.0 34.6



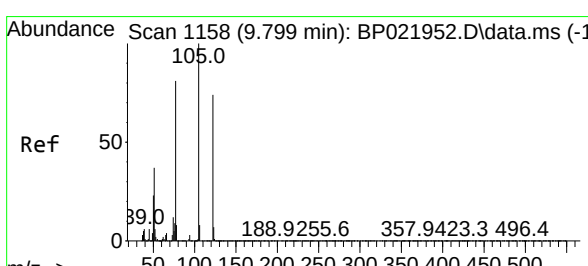
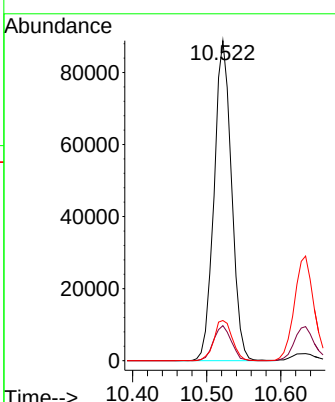
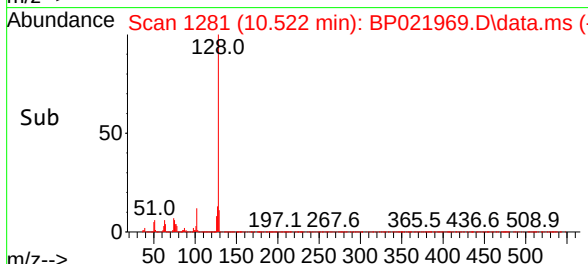
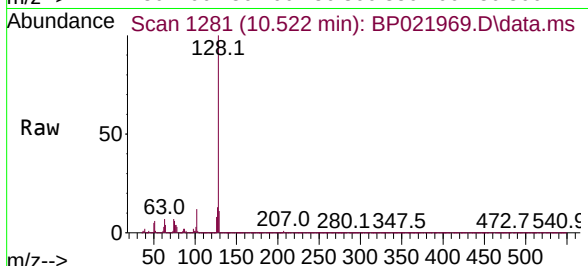


#31
 Naphthalene
 Concen: 8.766 ng
 RT: 10.522 min Scan# 1148
 Delta R.T. -0.000 min
 Lab File: BP021969.D
 Acq: 20 Sep 2024 16:09

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

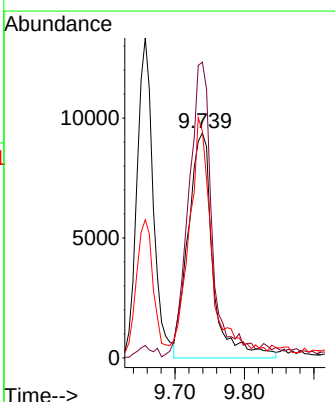
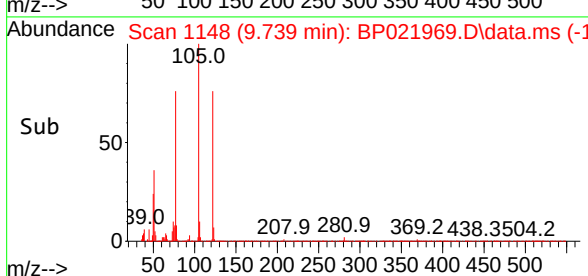
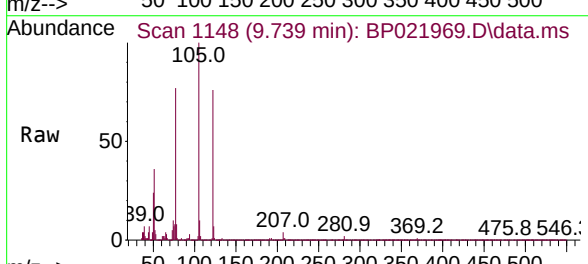
Tgt Ion:	128	Resp:	144920
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	13.0
127	12.5	10.6	15.8

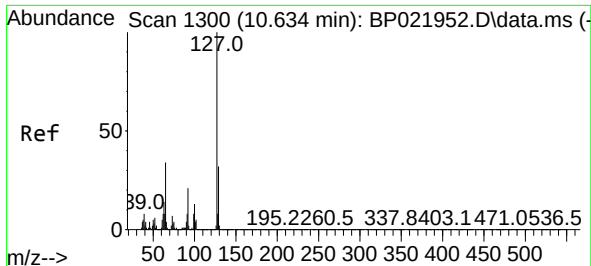
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#32
 Benzoic acid
 Concen: 6.203 ng m
 RT: 9.739 min Scan# 1148
 Delta R.T. -0.059 min
 Lab File: BP021969.D
 Acq: 20 Sep 2024 16:09

Tgt Ion:	122	Resp:	23345
Ion Ratio	Lower	Upper	
122	100		
105	131.4	111.3	151.3
77	100.7	86.7	126.7





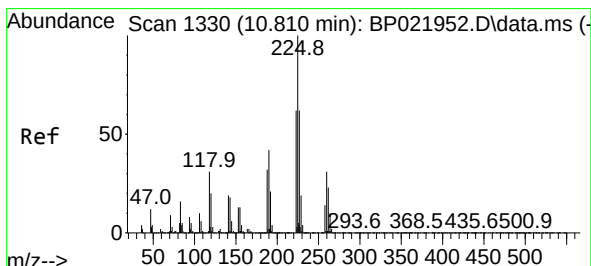
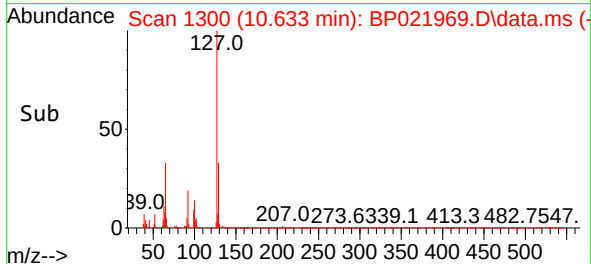
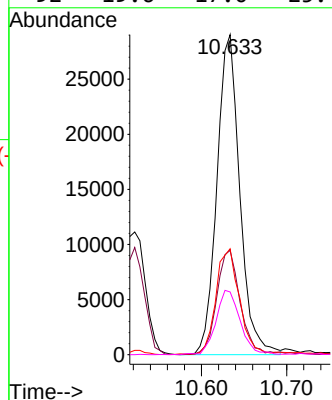
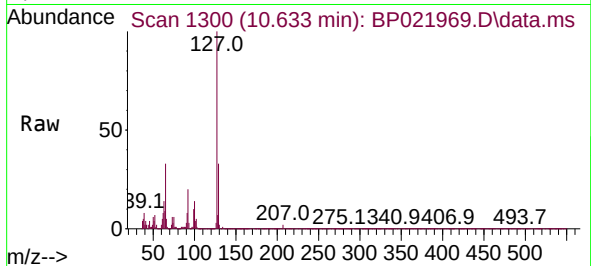
#33
4-Chloroaniline
Concen: 9.101 ng
RT: 10.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.0
65	33.1	27.4	41.2
92	19.6	17.0	25.4

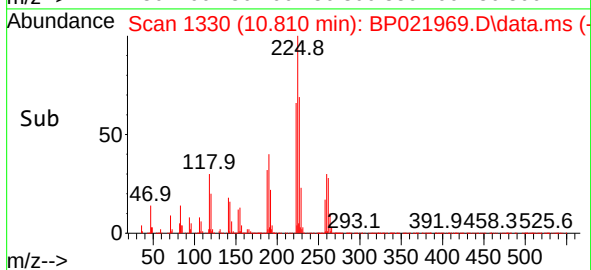
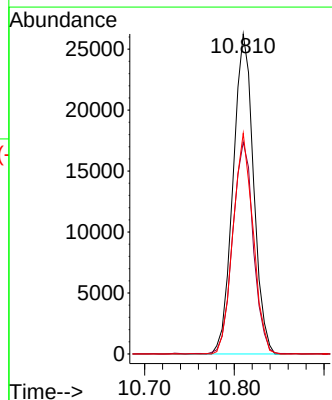
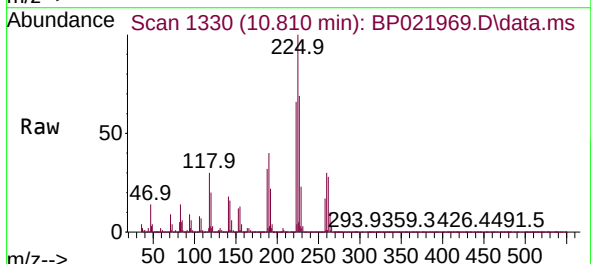
Manual Integrations
APPROVED

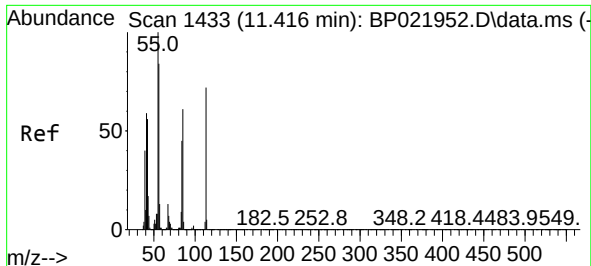
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 7.776 ng
RT: 10.810 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	50.0	75.0
227	69.0	49.7	74.5





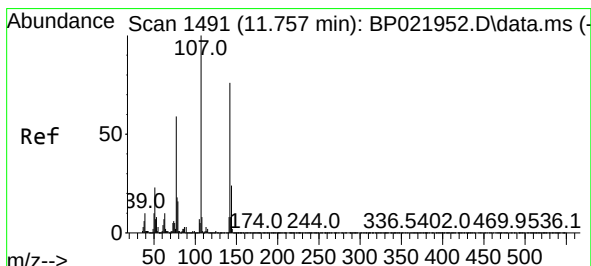
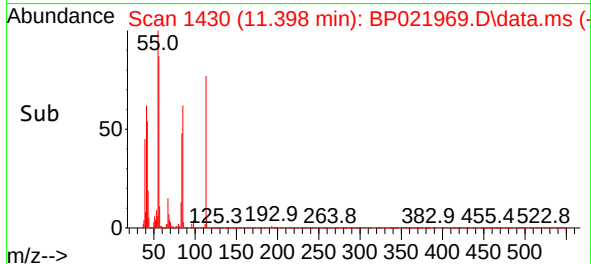
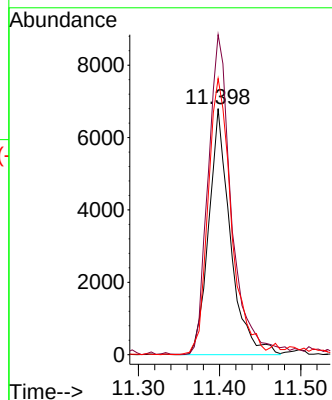
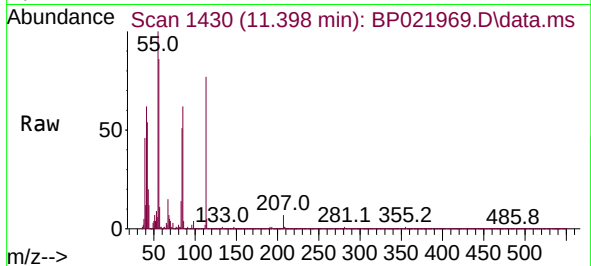
#35
Caprolactam
Concen: 7.728 ng
RT: 11.398 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:113 Resp: 12568
Ion Ratio Lower Upper
113 100
55 130.0 119.4 159.4
56 112.2 97.1 137.1

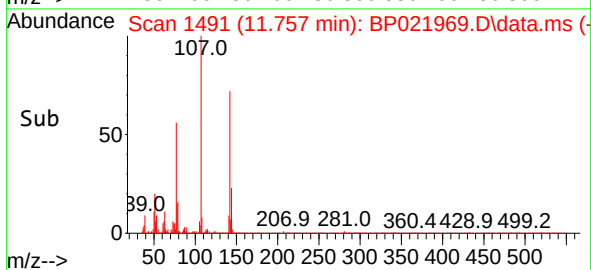
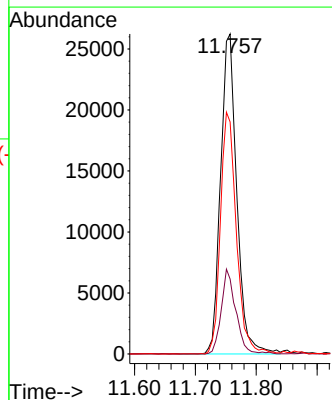
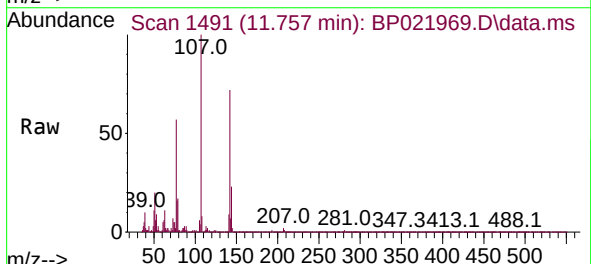
Manual Integrations
APPROVED

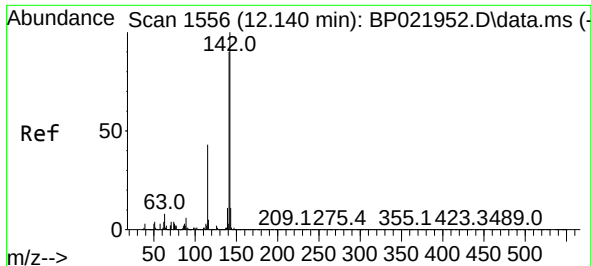
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 8.255 ng
RT: 11.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:107 Resp: 48392
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.4
142 72.5 60.4 90.6





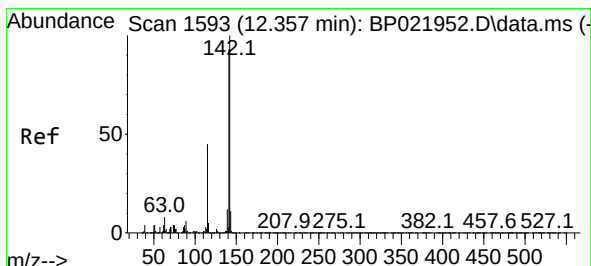
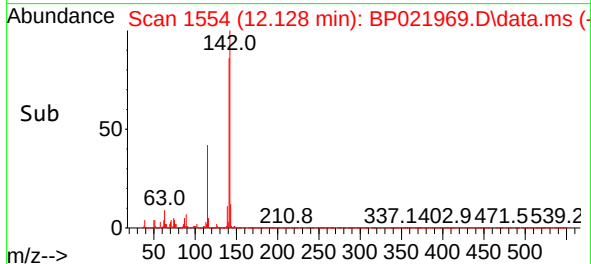
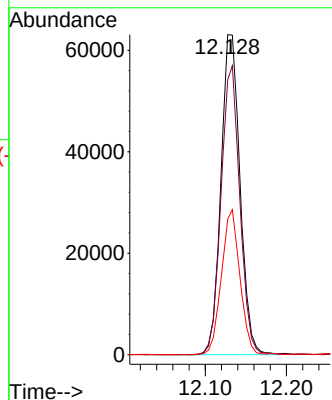
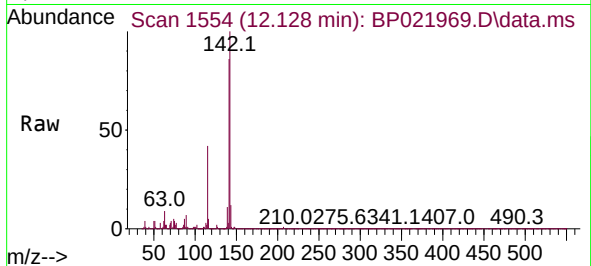
#37
2-Methylnaphthalene
Concen: 8.539 ng
RT: 12.128 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:142 Resp: 103284
Ion Ratio Lower Upper
142 100
141 85.9 71.7 107.5
115 42.3 34.6 51.8

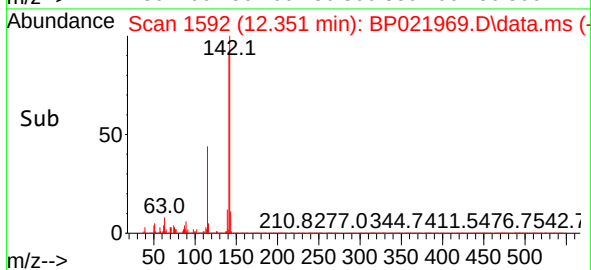
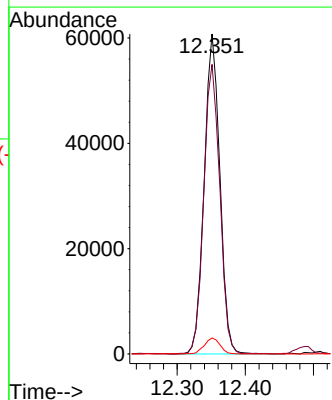
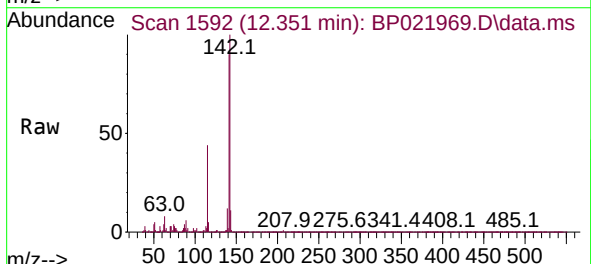
Manual Integrations
APPROVED

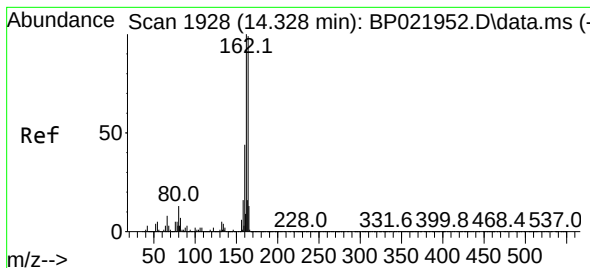
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 8.126 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:142 Resp: 97037
Ion Ratio Lower Upper
142 100
141 90.5 74.1 111.1
116 5.0 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.322 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

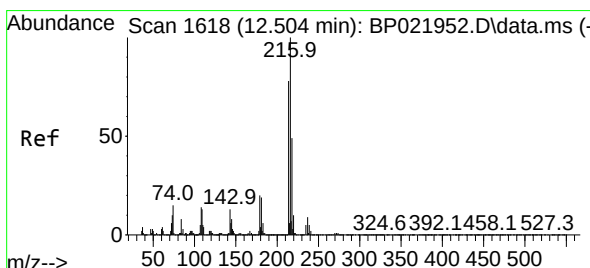
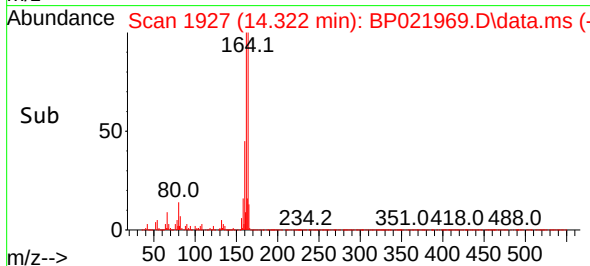
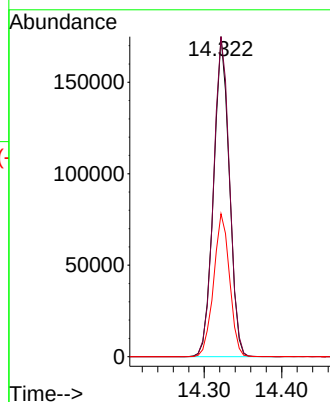
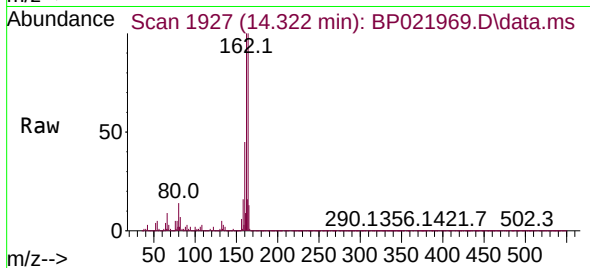
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	164	Resp:	24629
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.2	121.8
160	44.7	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.551 ng

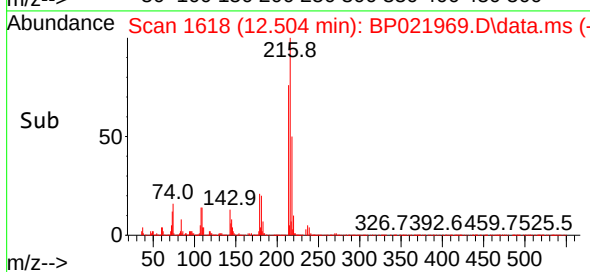
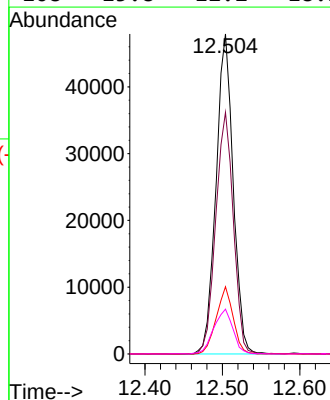
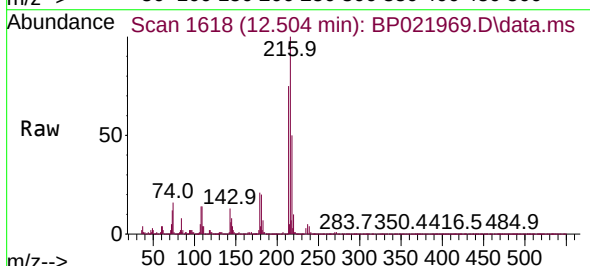
RT: 12.504 min Scan# 1618

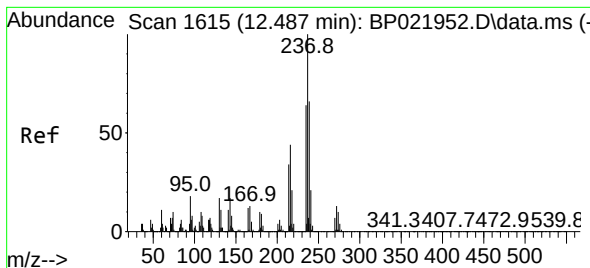
Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	216	Resp:	73684
Ion Ratio	Lower	Upper	
216	100		
214	77.3	62.8	94.2
179	20.7	16.4	24.6
108	15.8	12.2	18.2





#41

Hexachlorocyclopentadiene

Concen: 6.272 ng

RT: 12.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

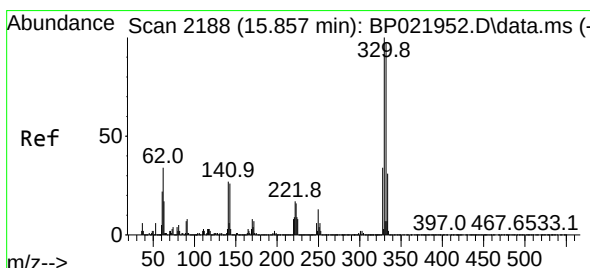
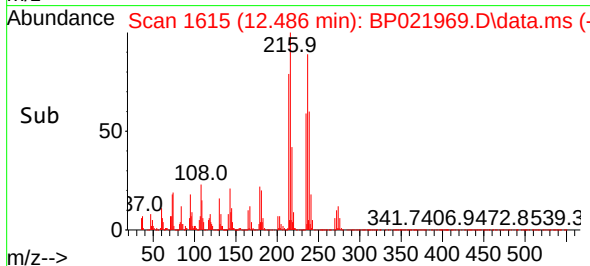
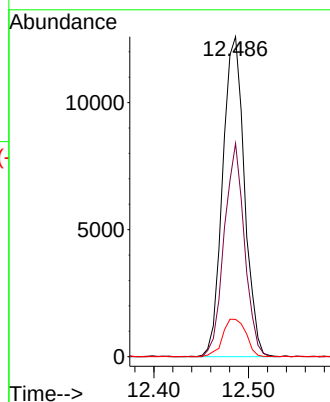
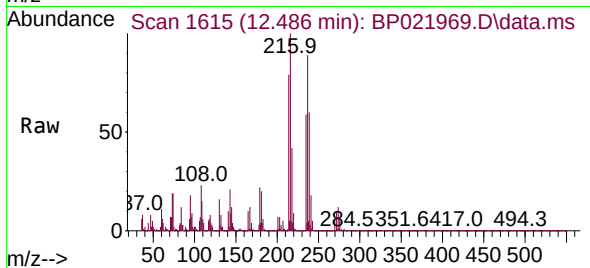
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 237	Resp: 20080
Ion Ratio	Lower Upper
237 100	
235 66.6	44.1 84.1
272 11.7	0.0 33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#42

2,4,6-Tribromophenol

Concen: 141.380 ng

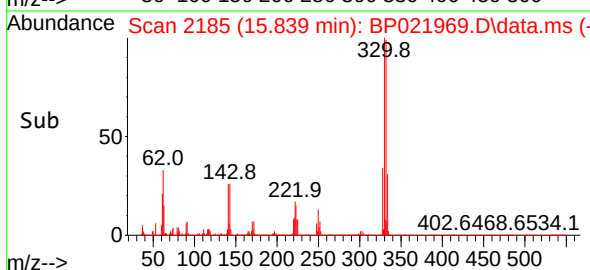
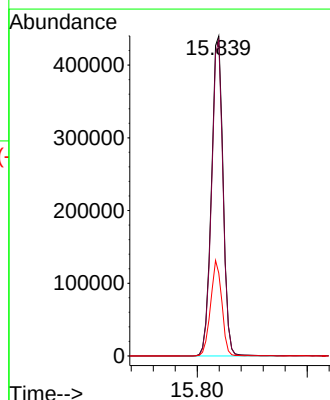
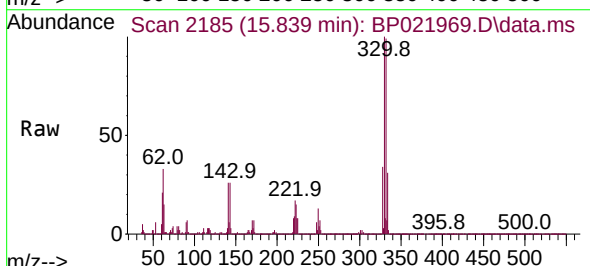
RT: 15.839 min Scan# 2185

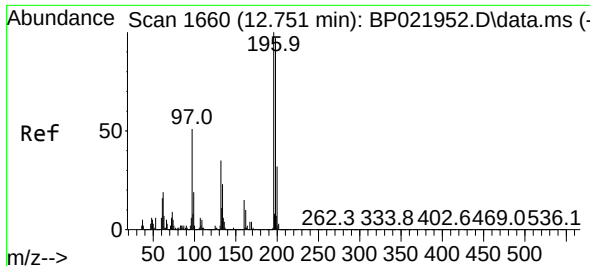
Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion: 330	Resp: 645535
Ion Ratio	Lower Upper
330 100	
332 96.8	77.5 116.3
141 28.8	23.4 35.0





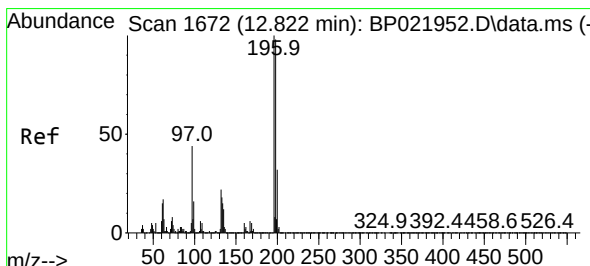
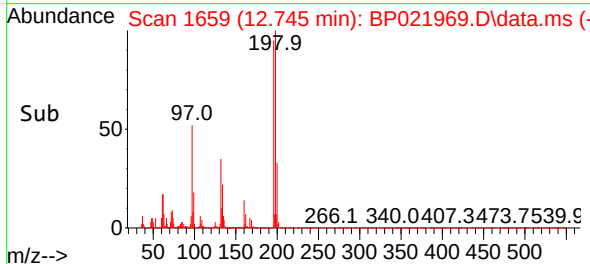
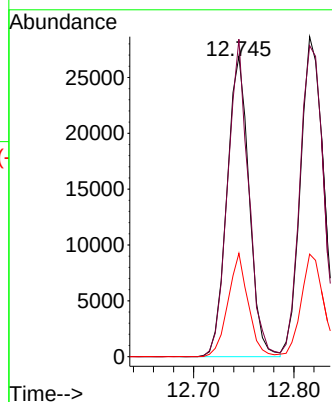
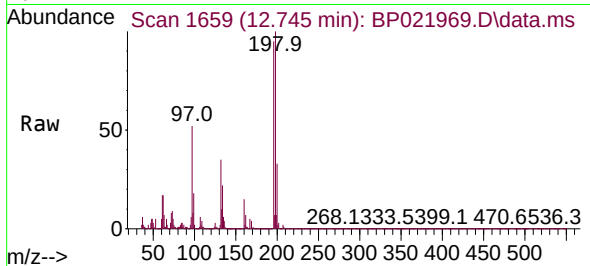
#43
2,4,6-Trichlorophenol
Concen: 7.793 ng
RT: 12.745 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:196 Resp: 4121
Ion Ratio Lower Upper
196 100
198 105.6 77.6 116.4
200 34.4 25.8 38.6

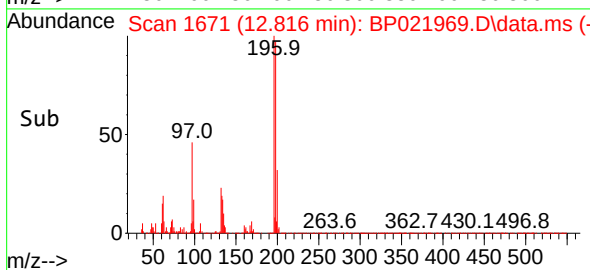
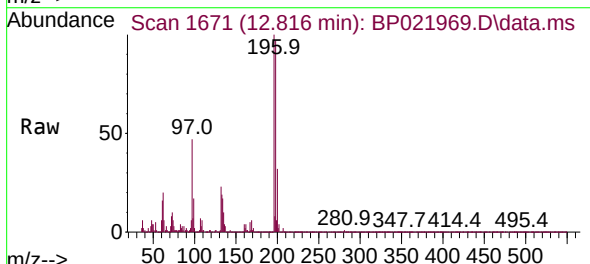
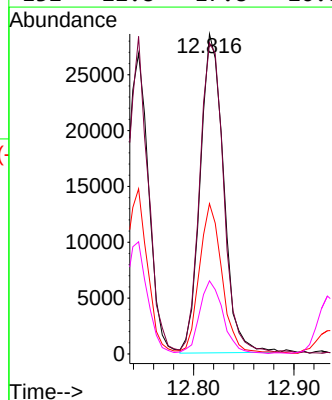
Manual Integrations
APPROVED

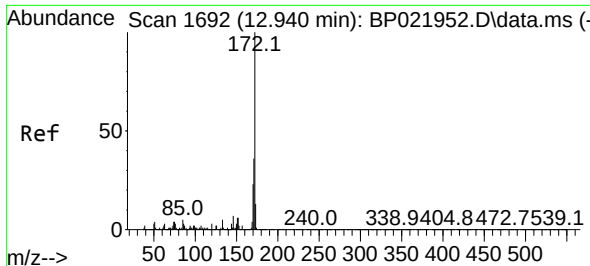
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#44
2,4,5-Trichlorophenol
Concen: 7.818 ng
RT: 12.816 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

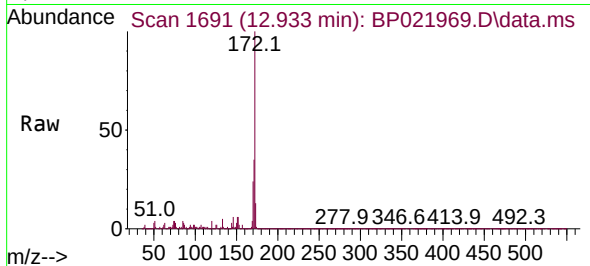
Tgt Ion:196 Resp: 46382
Ion Ratio Lower Upper
196 100
198 97.2 78.2 117.4
97 47.0 35.0 52.4
132 22.8 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 93.483 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

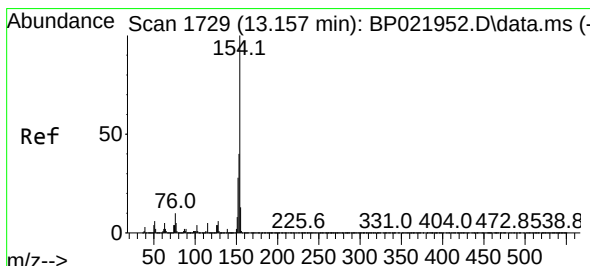
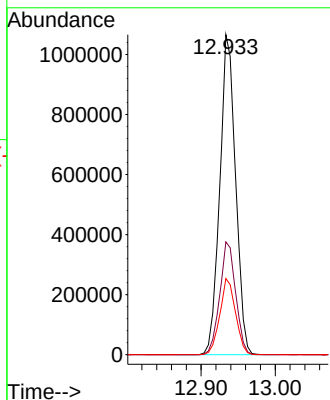
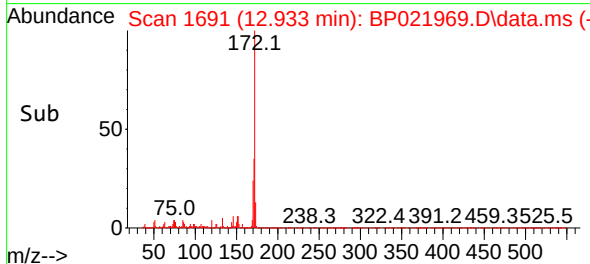
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



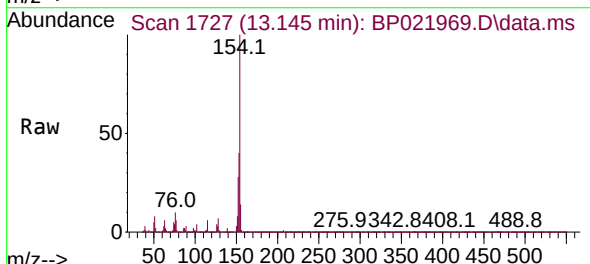
Tgt Ion:172 Resp: 1577244
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 18.8 28.2

Manual Integrations
APPROVED

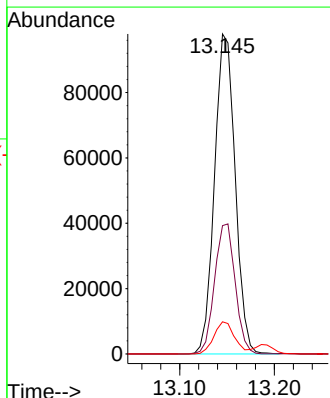
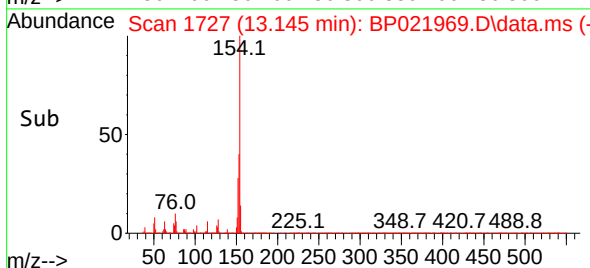
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

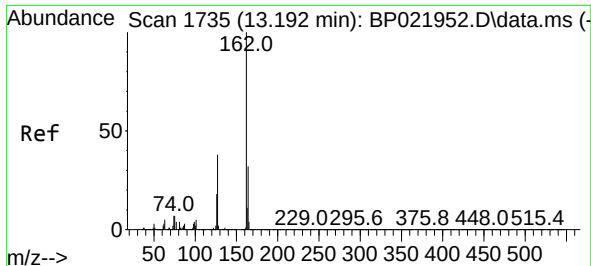


#46
1,1'-Biphenyl
Concen: 8.850 ng
RT: 13.145 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09



Tgt Ion:154 Resp: 148613
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 10.1 0.0 29.9





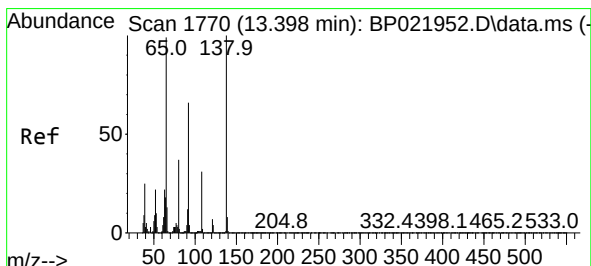
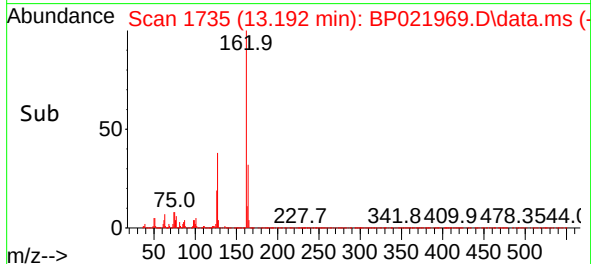
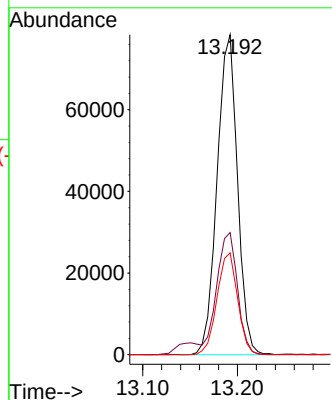
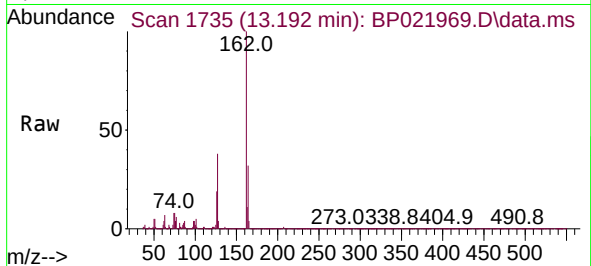
#47
2-Chloronaphthalene
Concen: 8.628 ng
RT: 13.192 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 162 Resp: 117150
Ion Ratio Lower Upper
162 100
127 38.1 31.7 47.5
164 31.9 25.9 38.9

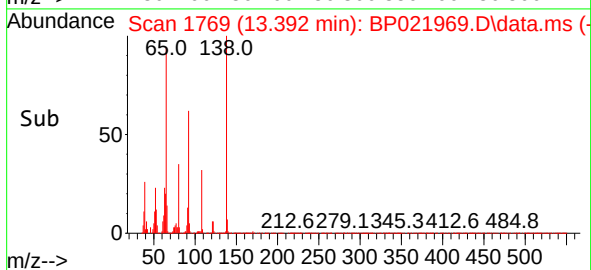
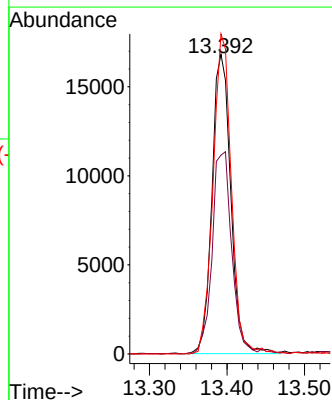
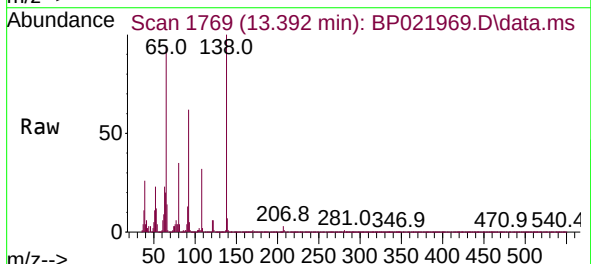
Manual Integrations
APPROVED

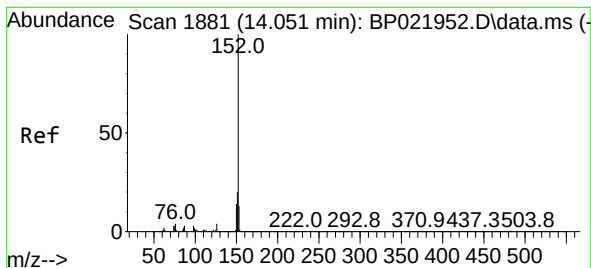
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#48
2-Nitroaniline
Concen: 7.644 ng
RT: 13.392 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 65 Resp: 28343
Ion Ratio Lower Upper
65 100
92 66.4 53.2 79.8
138 106.8 81.1 121.7





#49

Acenaphthylene

Concen: 9.201 ng

RT: 14.045 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

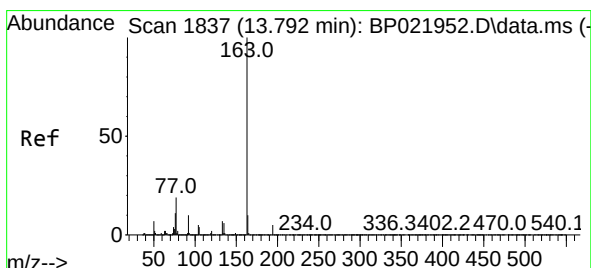
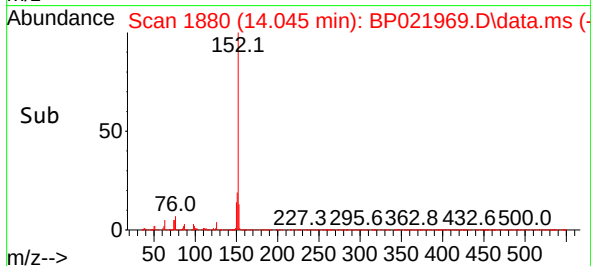
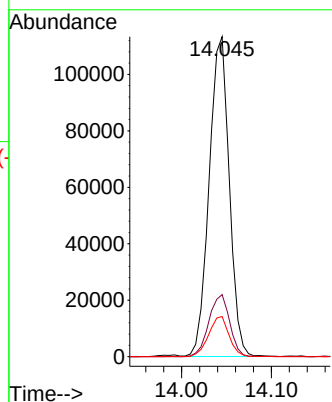
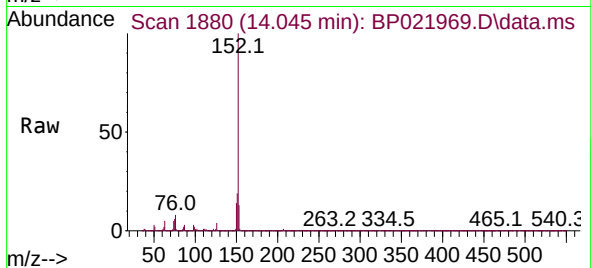
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:152	Resp: 17629
Ion Ratio	Lower Upper
152 100	
151 19.4	16.0 24.0
153 12.6	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#50

Dimethylphthalate

Concen: 8.709 ng

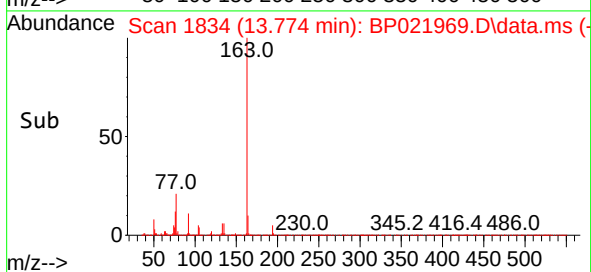
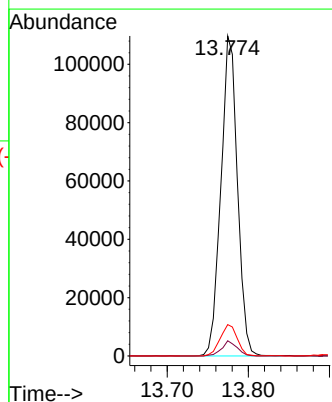
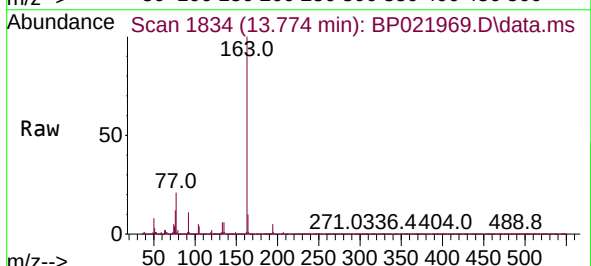
RT: 13.774 min Scan# 1834

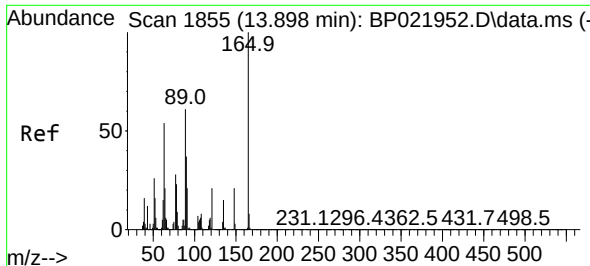
Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:163	Resp: 155574
Ion Ratio	Lower Upper
163 100	
194 4.7	3.6 5.4
164 9.8	8.0 12.0





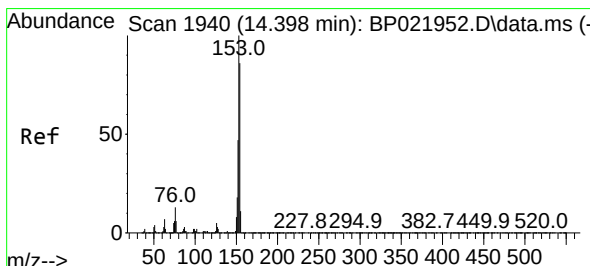
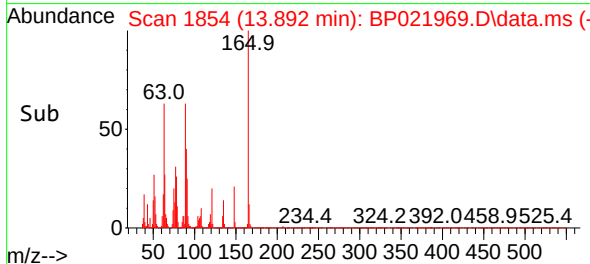
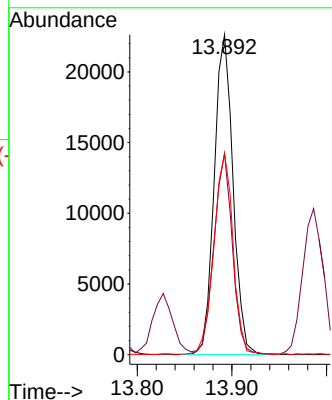
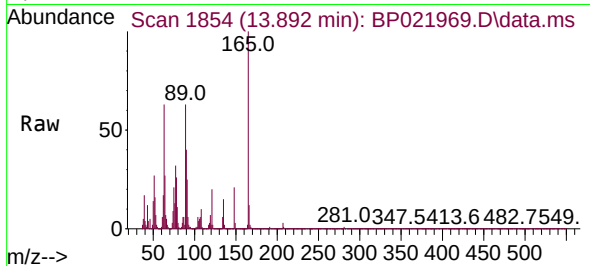
#51
2,6-Dinitrotoluene
Concen: 7.803 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:165 Resp: 31060
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 62.9 48.5 72.7

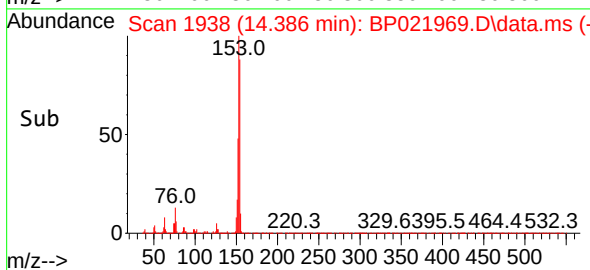
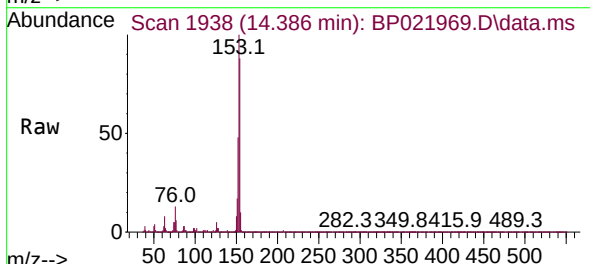
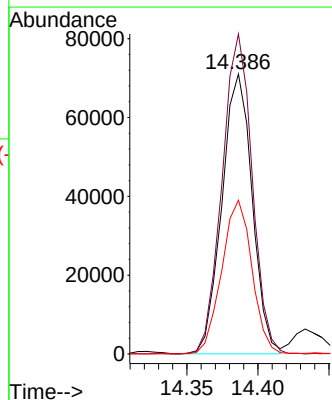
Manual Integrations
APPROVED

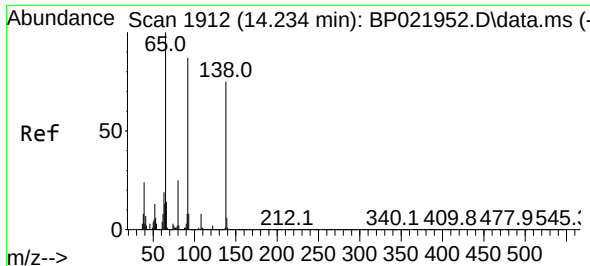
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 8.433 ng
RT: 14.386 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:154 Resp: 105158
Ion Ratio Lower Upper
154 100
153 114.3 92.7 139.1
152 54.9 43.6 65.4





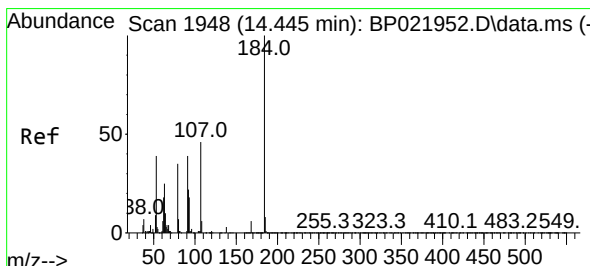
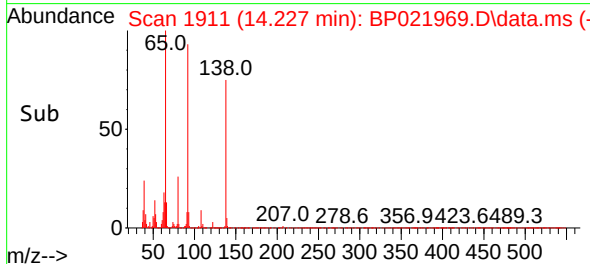
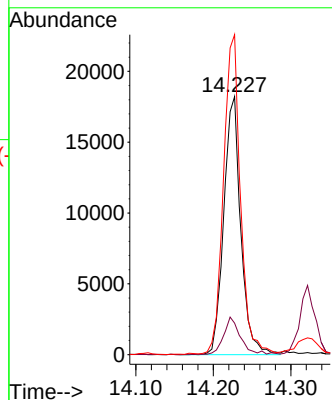
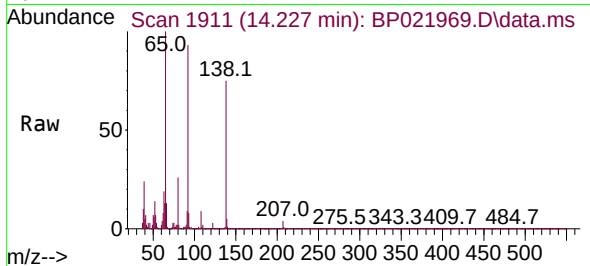
#53
3-Nitroaniline
Concen: 7.830 ng
RT: 14.227 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:138 Resp: 27770
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 124.0 92.8 139.2

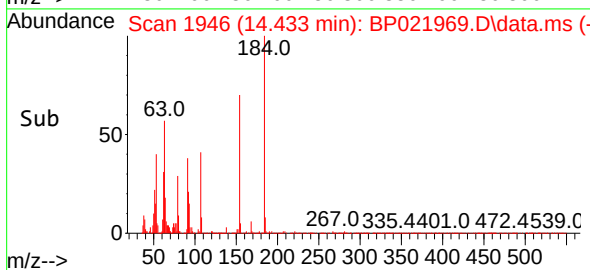
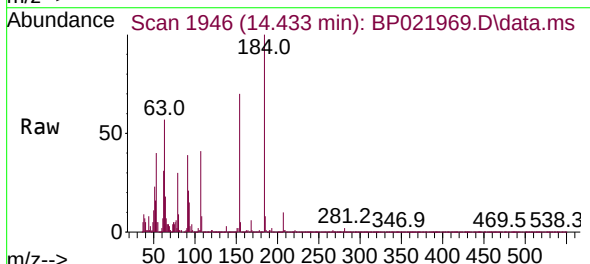
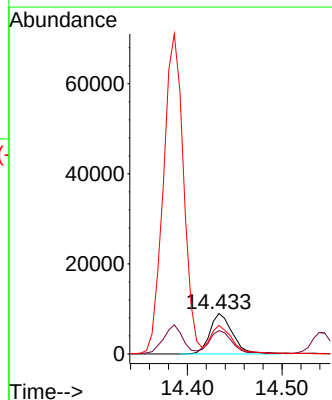
Manual Integrations
APPROVED

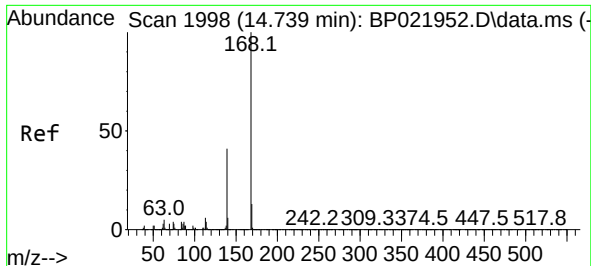
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 6.385 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

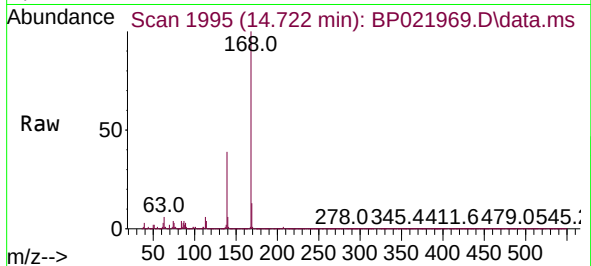
Tgt Ion:184 Resp: 14891
Ion Ratio Lower Upper
184 100
63 57.5 49.0 73.6
154 70.2 58.1 87.1





#55
Dibenzenofuran
Concen: 8.908 ng
RT: 14.722 min Scan# 1995
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

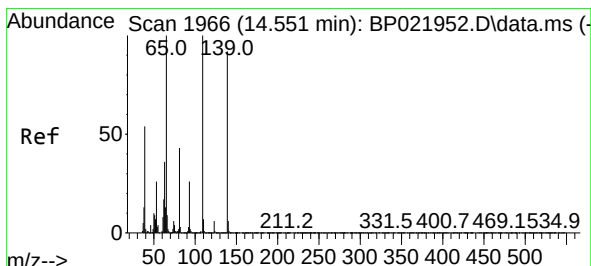
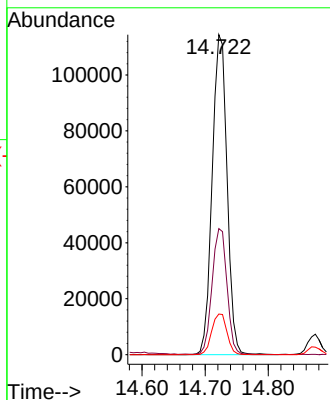
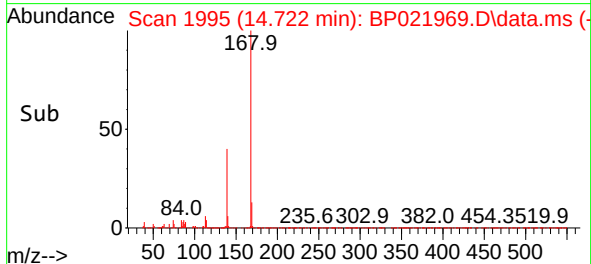
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:168 Resp: 186710
Ion Ratio Lower Upper
168 100
139 39.4 33.0 49.4
169 12.7 10.7 16.1

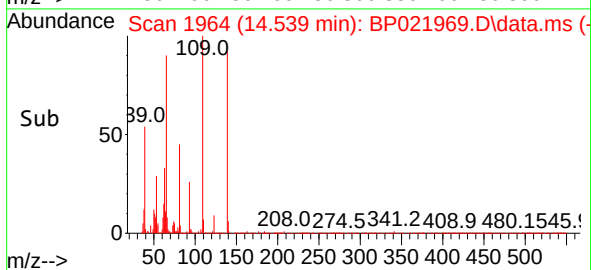
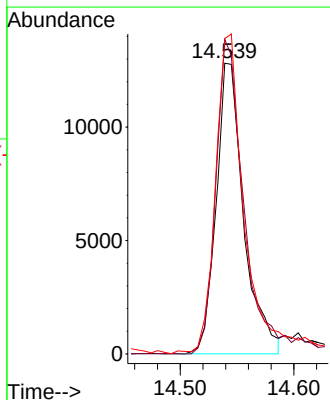
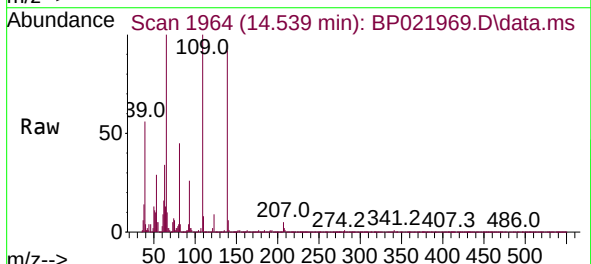
Manual Integrations
APPROVED

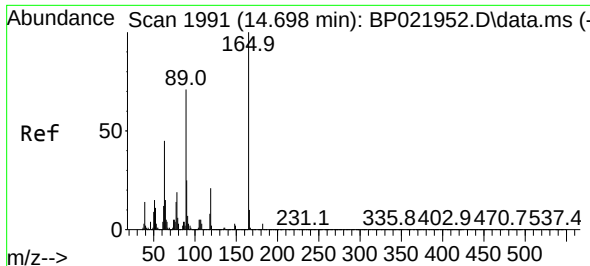
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#56
4-Nitrophenol
Concen: 6.998 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:139 Resp: 21607
Ion Ratio Lower Upper
139 100
109 108.2 88.6 128.6
65 108.4 88.7 128.7





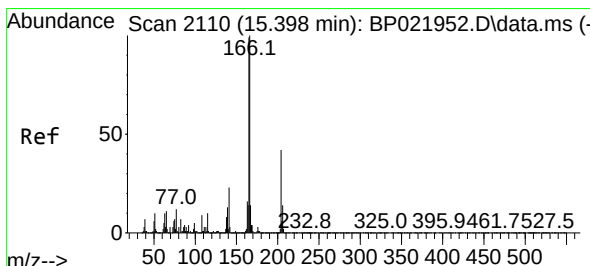
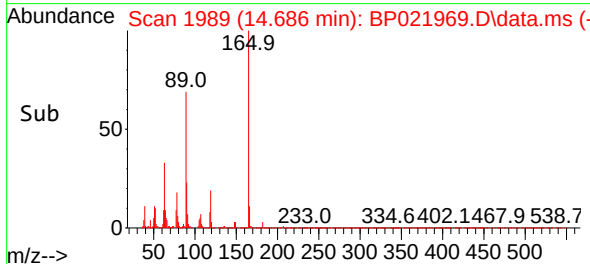
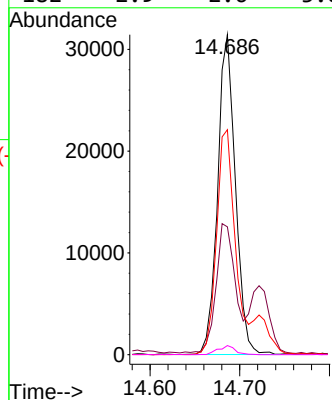
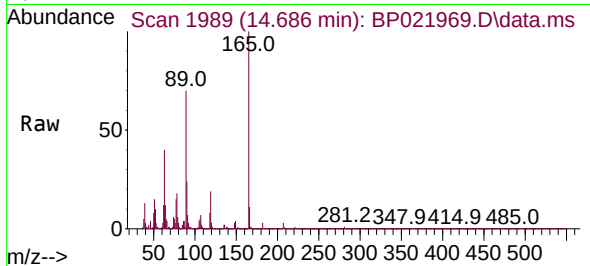
#57
2,4-Dinitrotoluene
Concen: 7.684 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	165	Resp:	43230
Ion Ratio	Lower	Upper	
165	100		
63	39.9	36.3	54.5
89	70.3	57.2	85.8
182	2.9	2.6	3.8

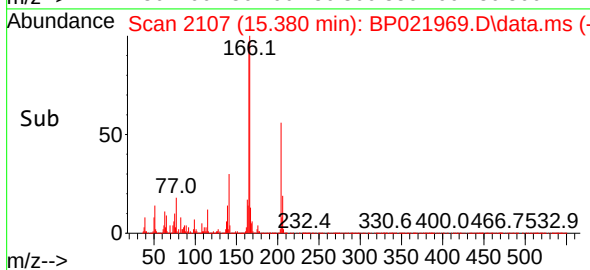
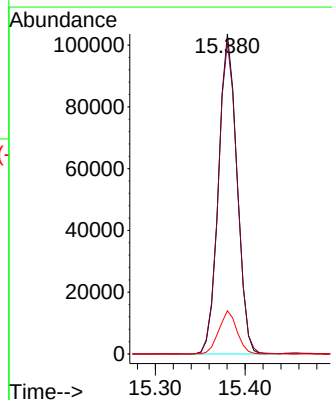
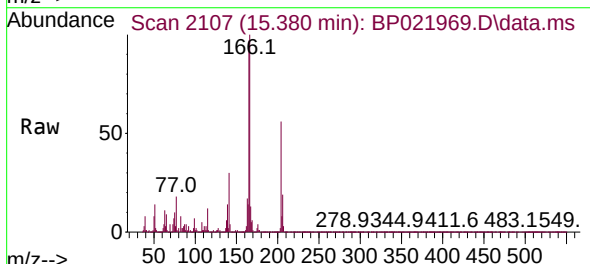
Manual Integrations
APPROVED

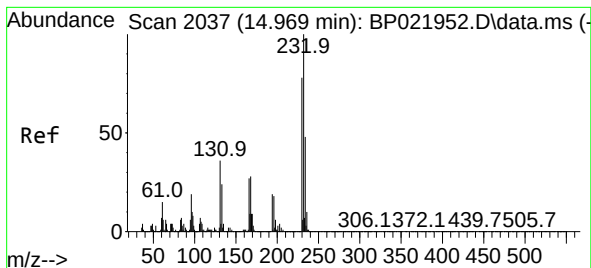
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 8.451 ng
RT: 15.380 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:	166	Resp:	147932
Ion Ratio	Lower	Upper	
166	100		
165	97.5	79.4	119.2
167	13.5	10.9	16.3





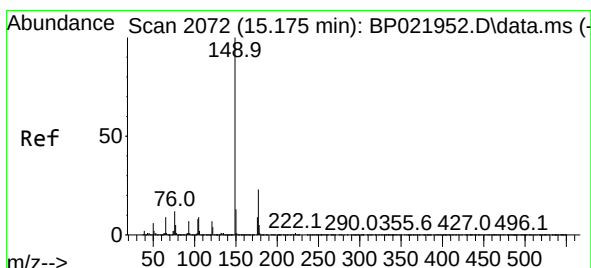
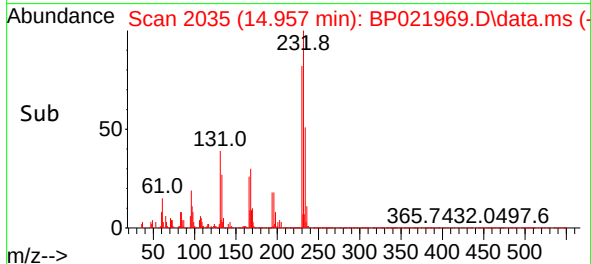
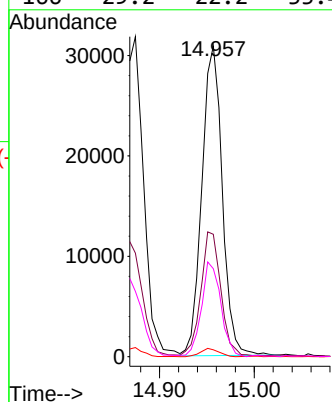
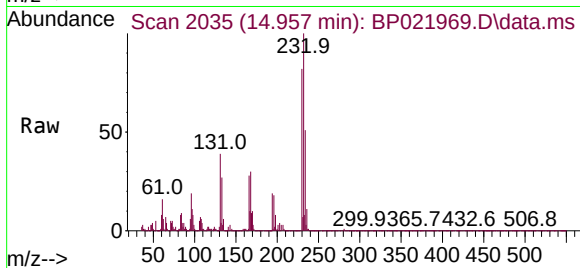
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.094 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:232 Resp: 46340
Ion Ratio Lower Upper
232 100
131 39.0 30.2 45.4
130 2.4 1.9 2.9
166 29.2 22.2 33.4

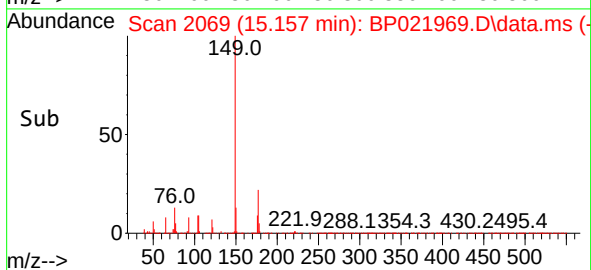
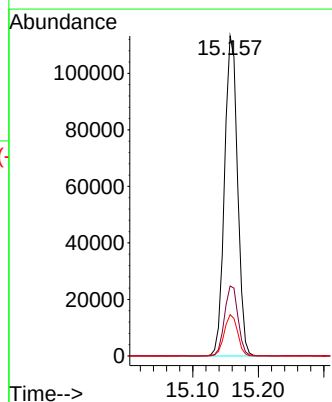
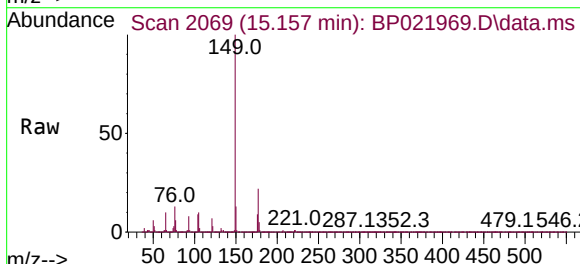
Manual Integrations
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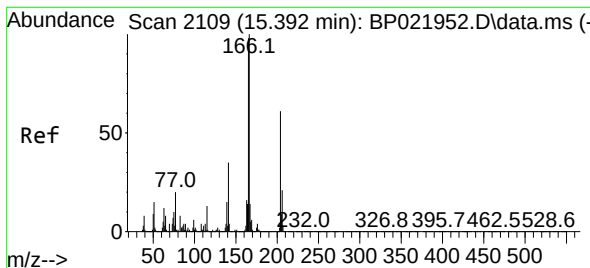
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 8.574 ng
RT: 15.157 min Scan# 2069
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:149 Resp: 155631
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.9 10.1 15.1





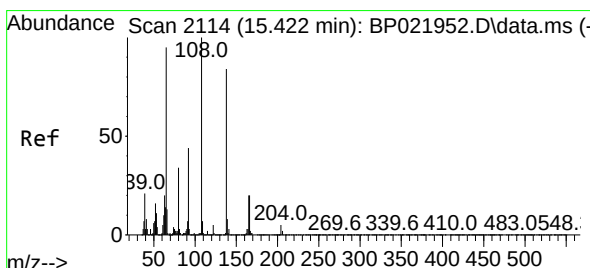
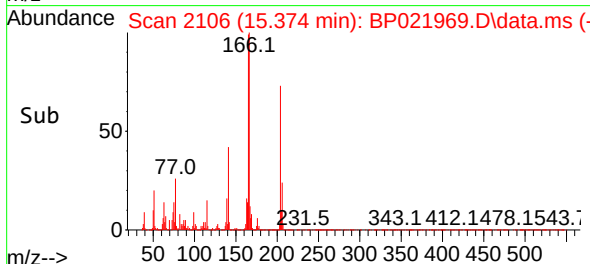
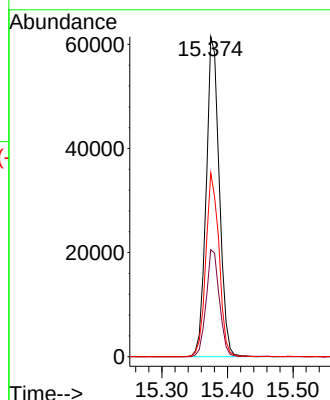
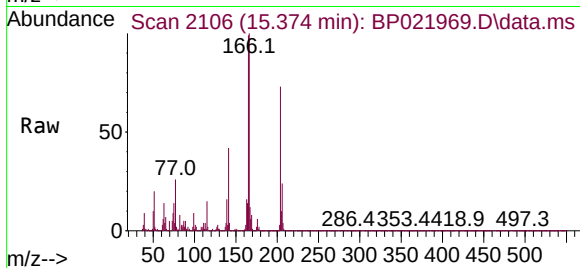
#61
4-Chlorophenyl-phenylether
Concen: 8.418 ng
RT: 15.374 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 204 Resp: 85784
Ion Ratio Lower Upper
204 100
206 33.4 27.3 40.9
141 57.4 45.7 68.5

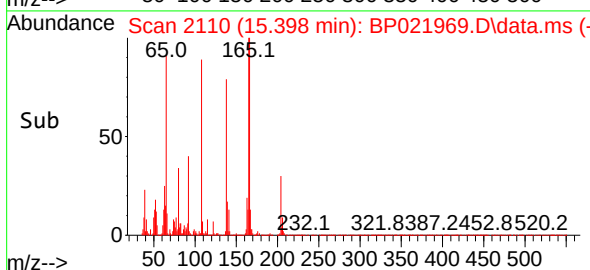
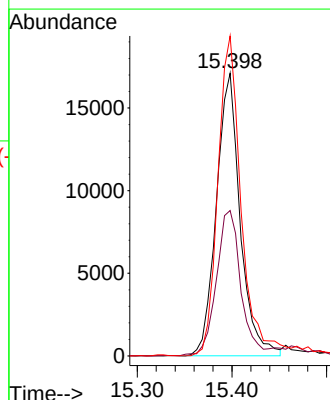
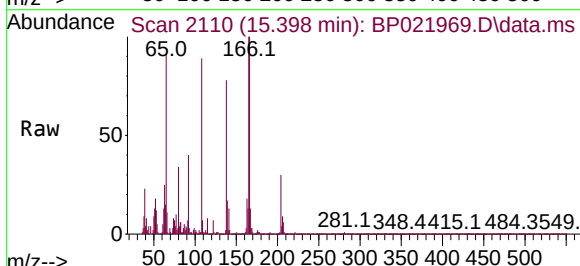
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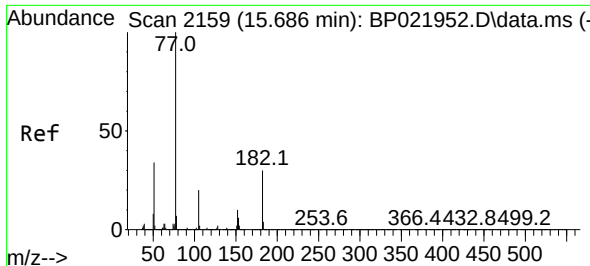
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#62
4-Nitroaniline
Concen: 7.647 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.024 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 138 Resp: 29831
Ion Ratio Lower Upper
138 100
92 51.4 32.6 72.6
108 113.2 98.6 138.6





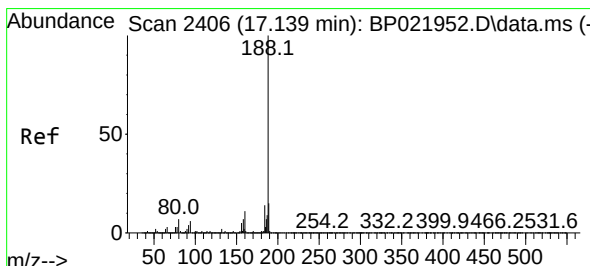
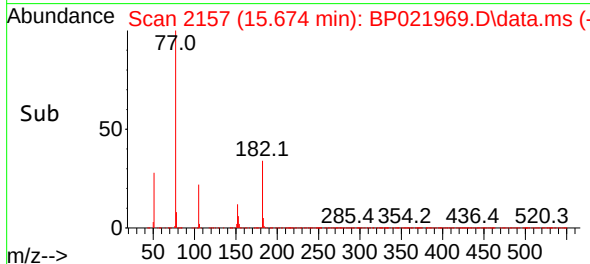
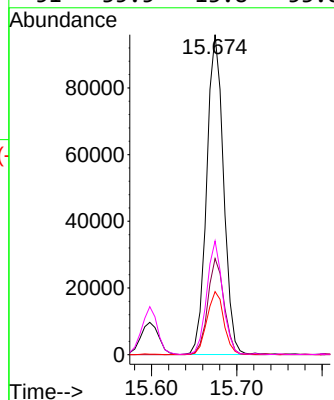
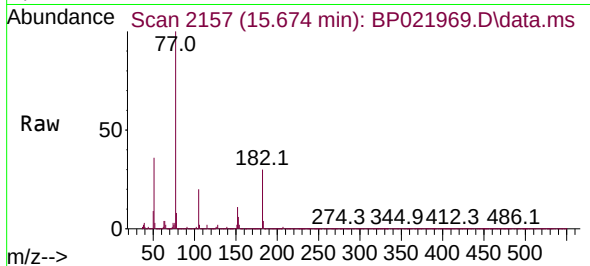
#63
Azobenzene
Concen: 8.774 ng
RT: 15.674 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 77	Resp: 131800
Ion Ratio	Lower Upper
77 100	
182 30.0	9.6 49.6
105 19.7	0.0 39.8
51 35.5	13.8 53.8

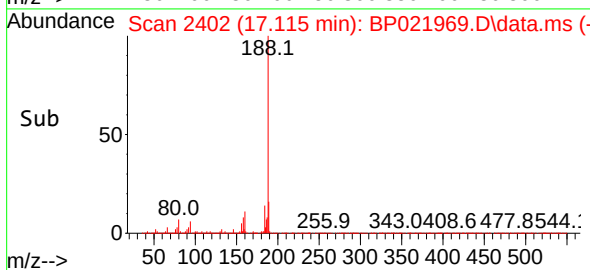
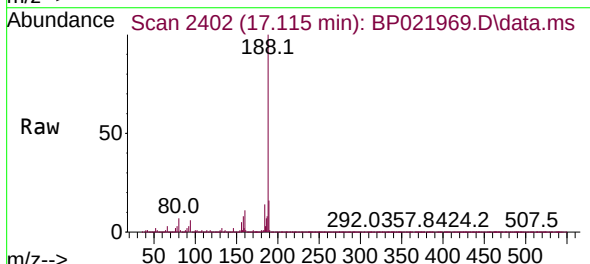
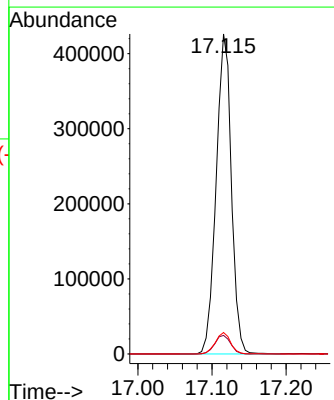
Manual Integrations
APPROVED

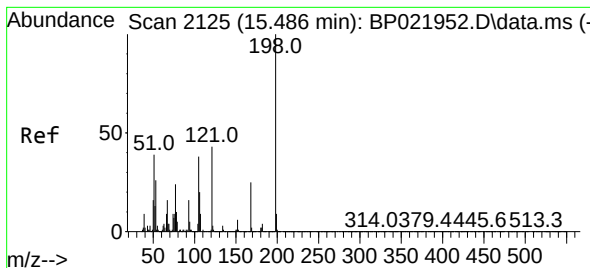
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.115 min Scan# 2402
Delta R.T. -0.024 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:188	Resp: 606469
Ion Ratio	Lower Upper
188 100	
94 5.8	4.6 6.8
80 6.7	5.4 8.2





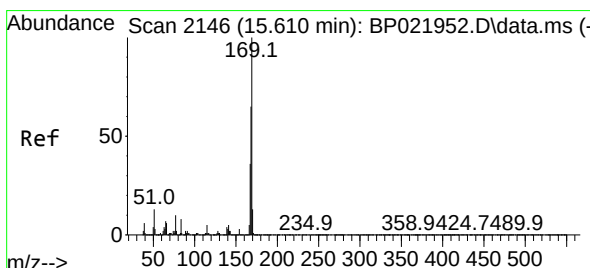
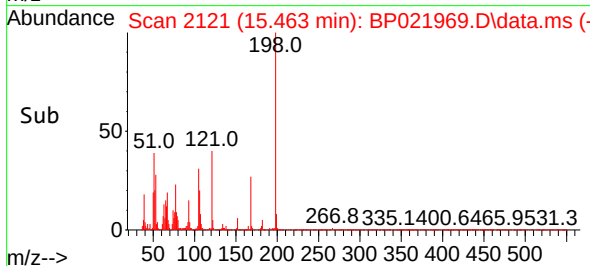
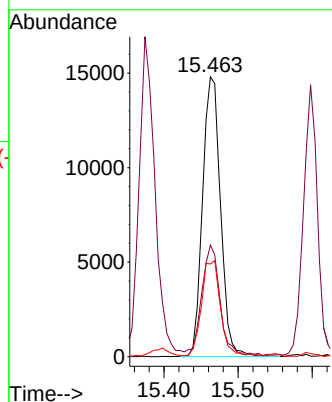
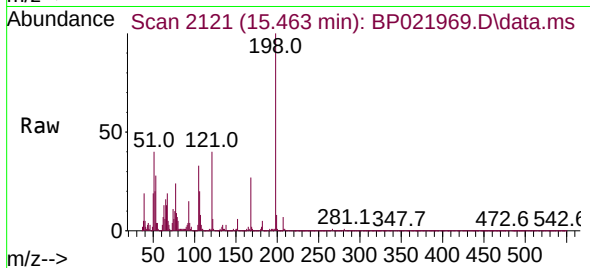
#65
4,6-Dinitro-2-methylphenol
Concen: 7.078 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.024 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:198 Resp: 2488
Ion Ratio Lower Upper
198 100
51 39.9 20.7 60.7
105 33.1 18.4 58.4

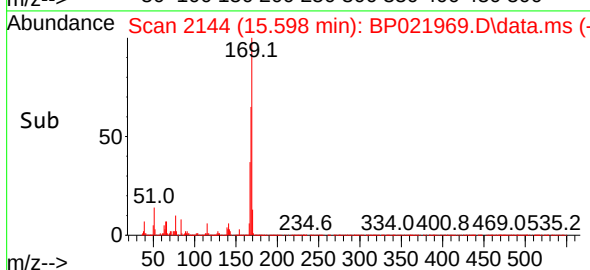
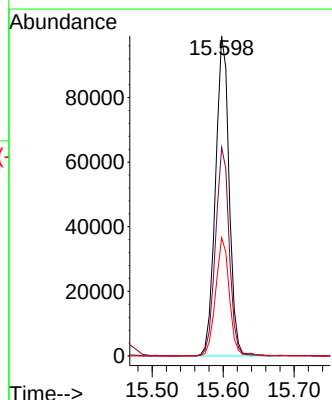
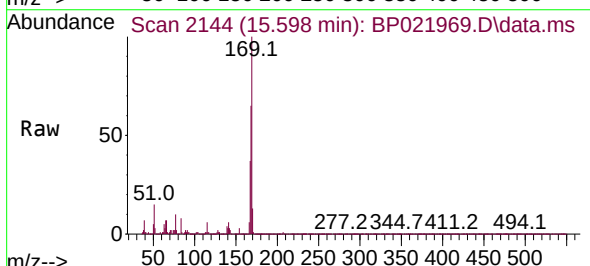
Manual Integrations
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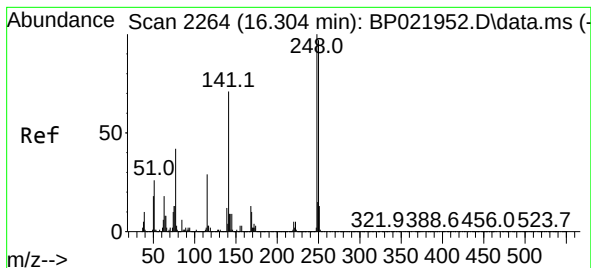
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 8.707 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:169 Resp: 131486
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.4
167 36.9 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 8.260 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

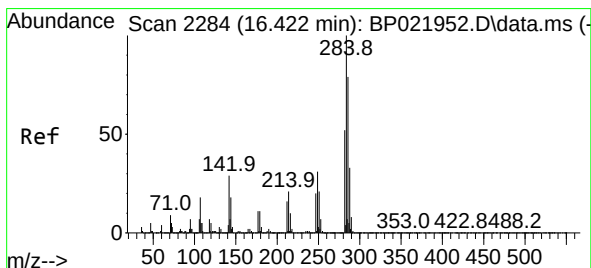
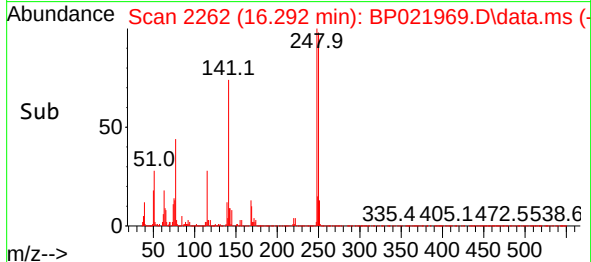
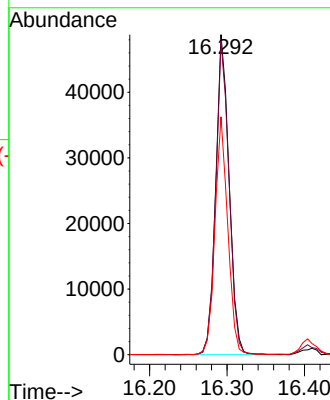
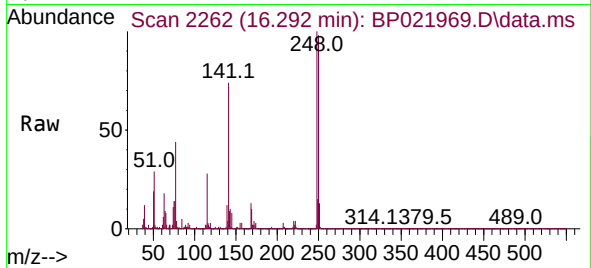
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	248	Resp:	58390
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.5	116.3
141	74.3	56.5	84.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#68

Hexachlorobenzene

Concen: 8.277 ng

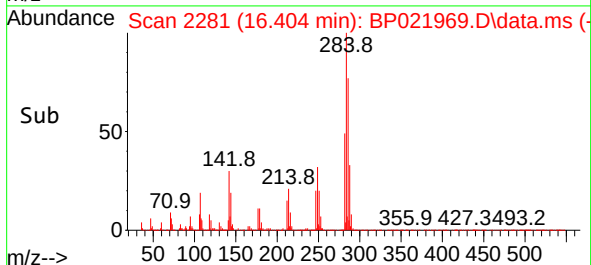
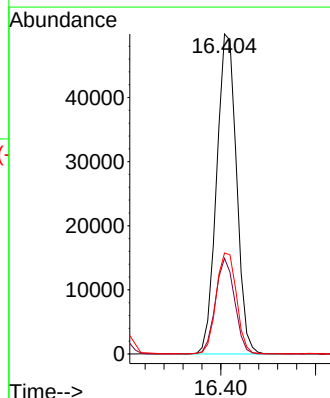
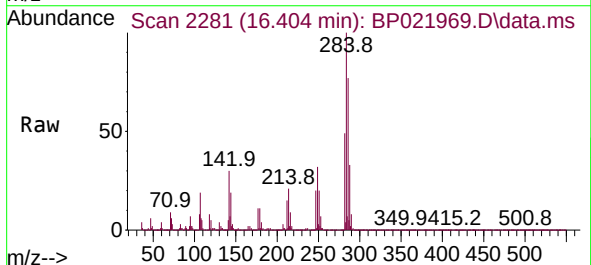
RT: 16.404 min Scan# 2281

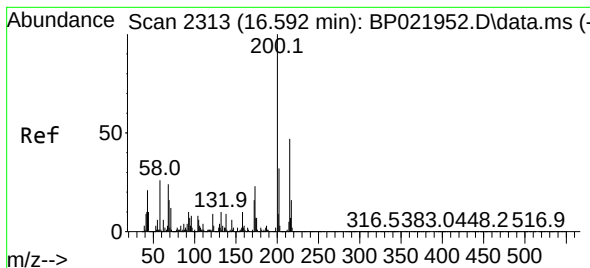
Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	284	Resp:	72959
Ion Ratio	Lower	Upper	
284	100		
142	29.9	22.9	34.3
249	31.6	25.2	37.8





#69

Atrazine

Concen: 10.212 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

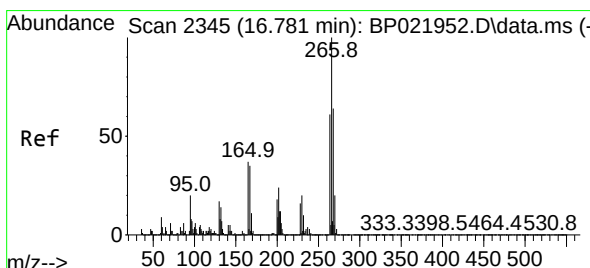
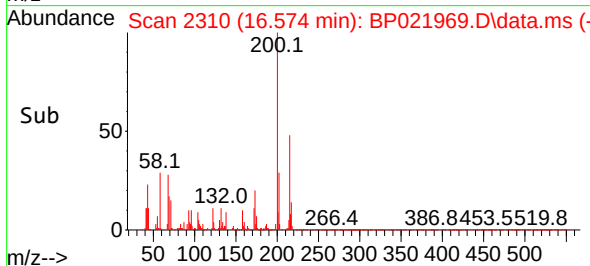
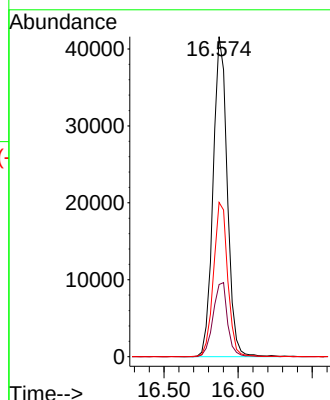
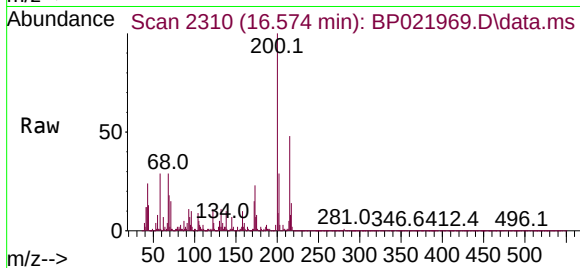
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:200 Resp: 5525
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.0 43.0
 215 48.2 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#70

Pentachlorophenol

Concen: 6.975 ng

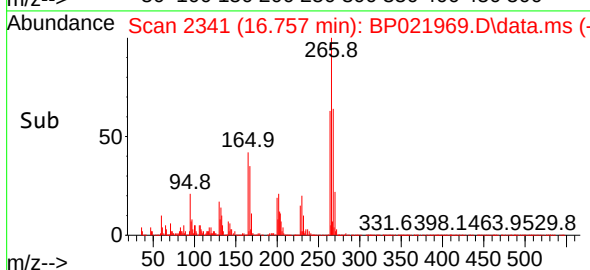
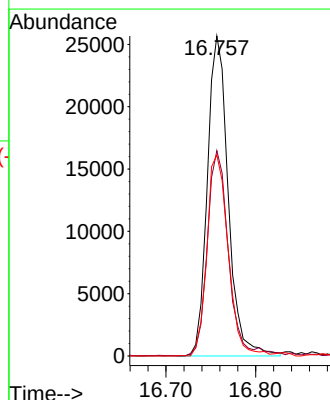
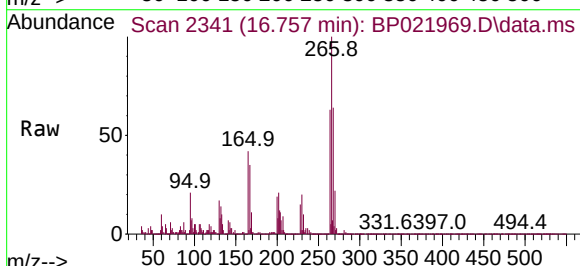
RT: 16.757 min Scan# 2341

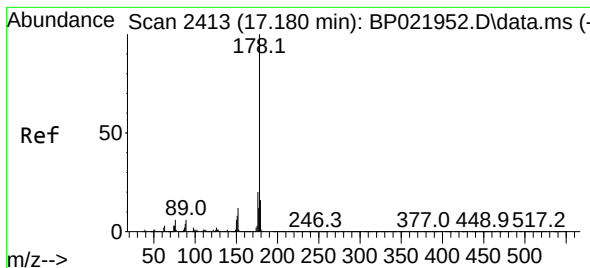
Delta R.T. -0.024 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:266 Resp: 41362
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 62.9 48.6 72.8





#71

Phenanthrene

Concen: 8.738 ng

RT: 17.157 min Scan# 2413

Delta R.T. -0.024 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:178 Resp: 25438

Ion Ratio Lower Upper

178 100

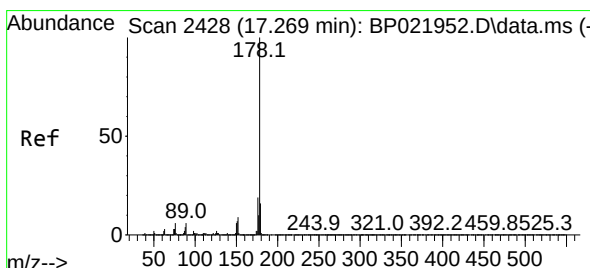
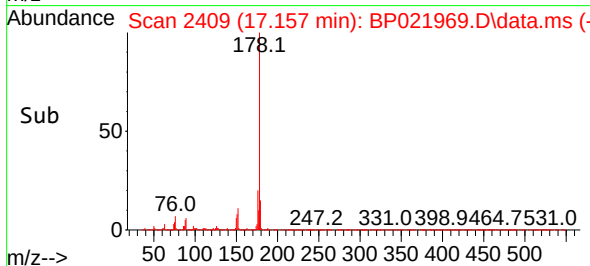
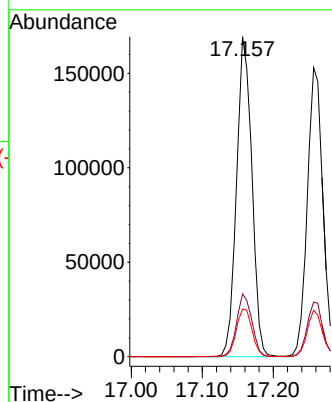
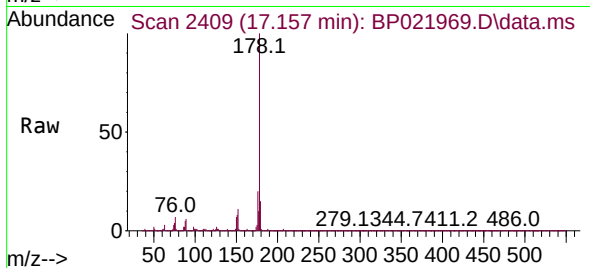
176 19.7 15.9 23.9

179 14.9 12.5 18.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#72

Anthracene

Concen: 8.243 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

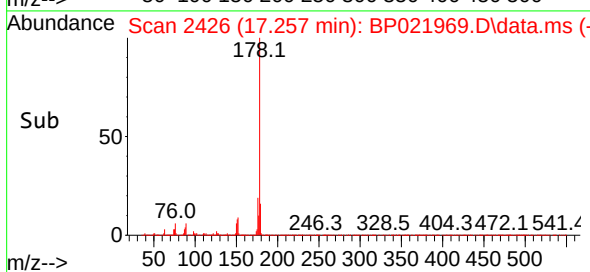
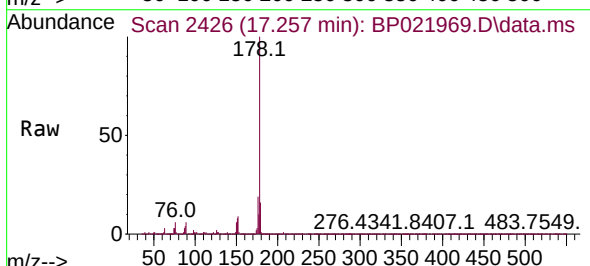
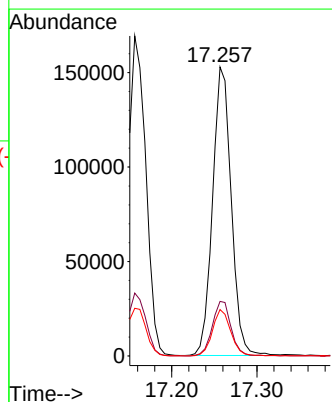
Tgt Ion:178 Resp: 232294

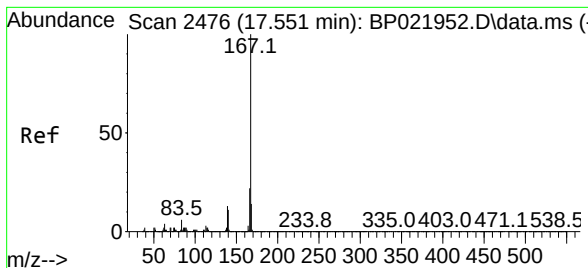
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 16.1 12.6 18.8





#73

Carbazole

Concen: 8.546 ng

RT: 17.533 min Scan# 2476

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

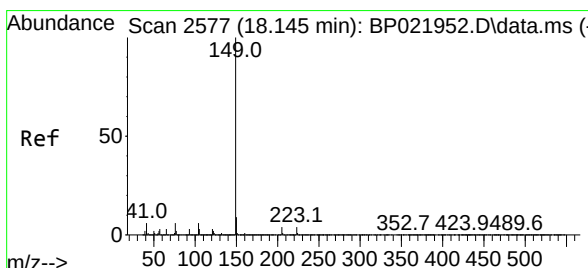
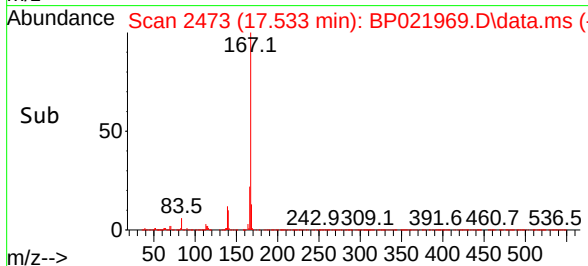
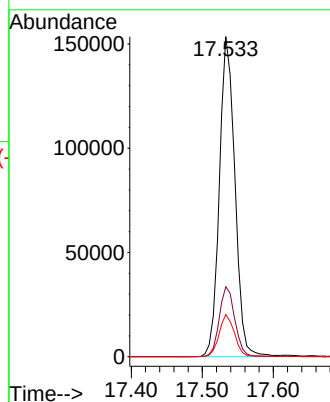
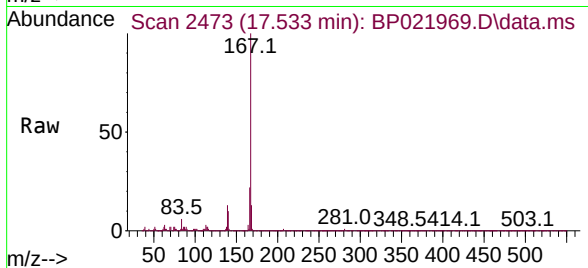
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:167	Resp: 23260
Ion Ratio	Lower Upper
167 100	
166 21.8	17.4 26.0
139 13.2	10.5 15.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#74

Di-n-butylphthalate

Concen: 7.917 ng

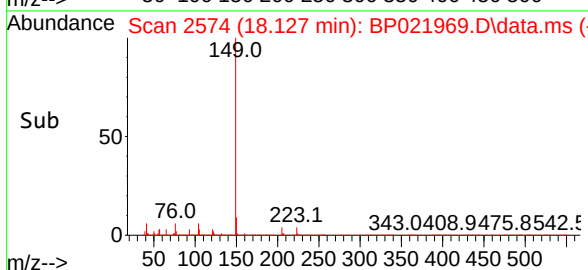
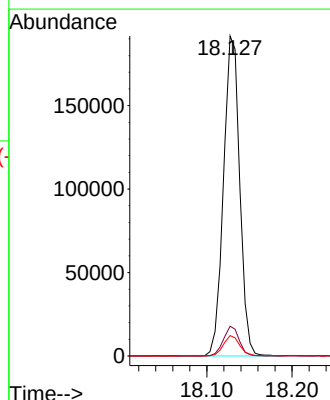
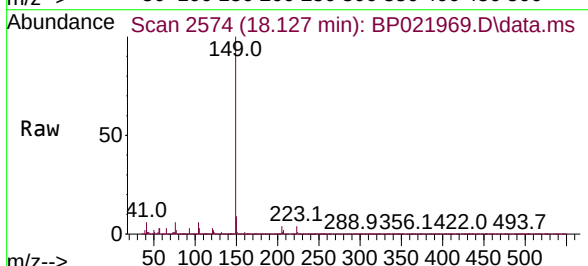
RT: 18.127 min Scan# 2574

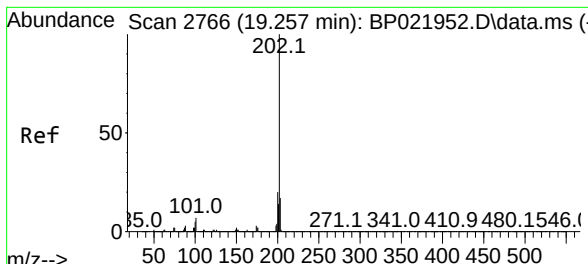
Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:149	Resp: 253105
Ion Ratio	Lower Upper
149 100	
150 9.3	7.3 10.9
104 6.3	4.6 6.8





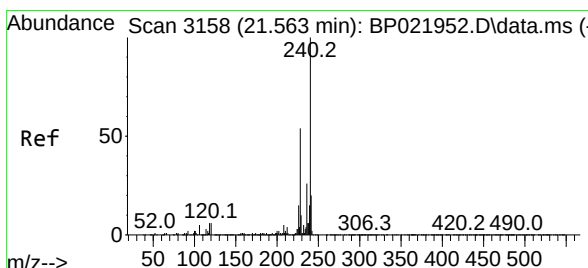
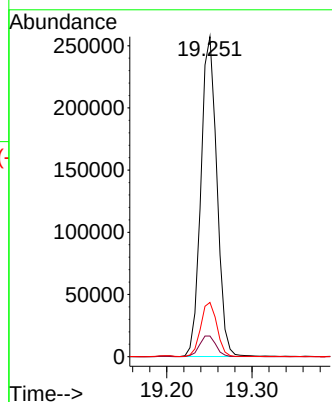
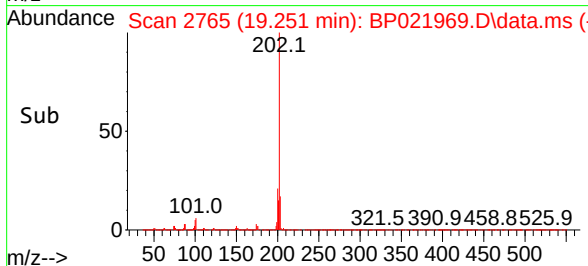
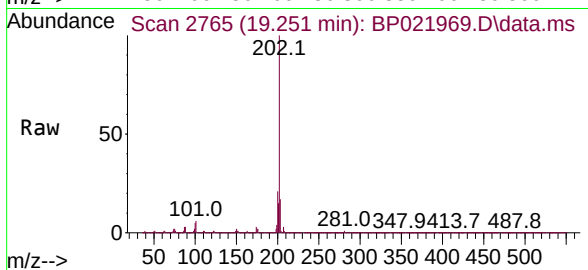
#75
Fluoranthene
Concen: 8.251 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:202 Resp: 33529
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.5
203 17.0 0.0 37.3

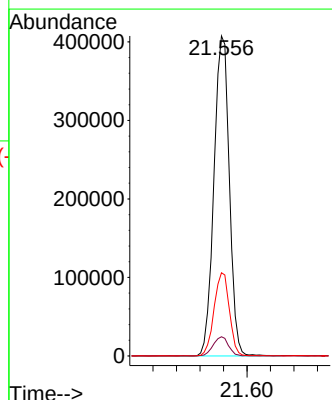
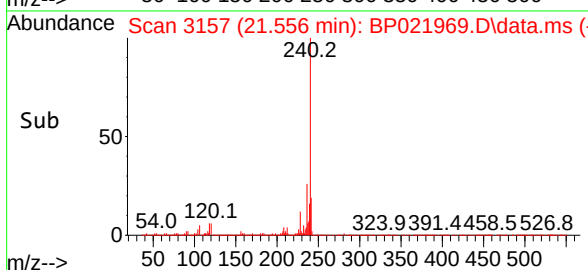
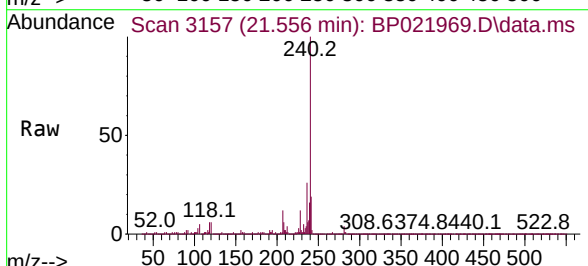
Manual Integrations
APPROVED

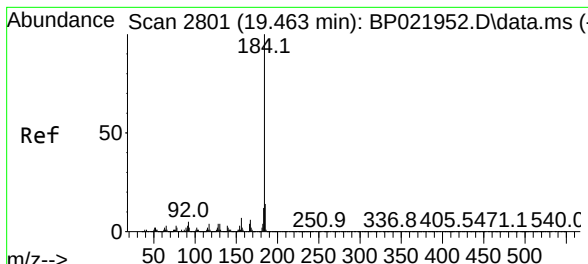
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:240 Resp: 740542
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.0 20.7 31.1





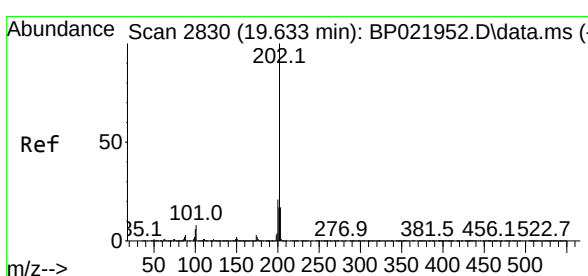
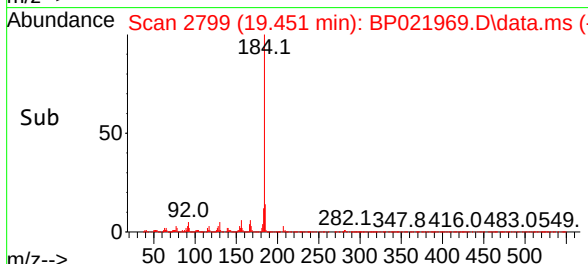
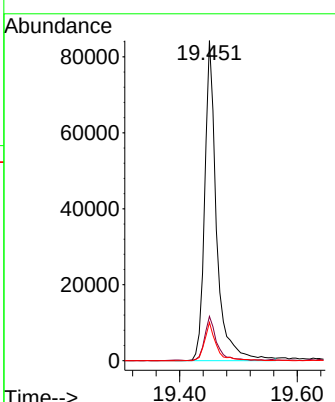
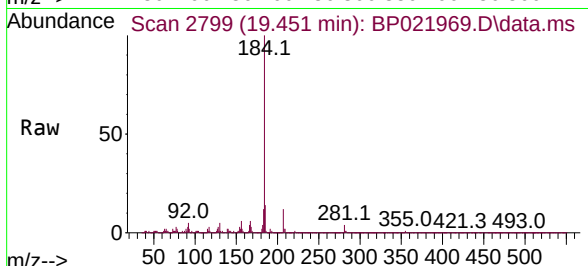
#77
Benzidine
Concen: 13.049 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	184	Resp:	11809
Ion Ratio	Lower	Upper	
184	100		
185	13.8	10.9	16.3
183	12.0	9.2	13.8

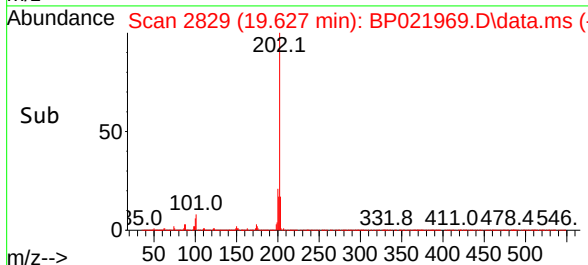
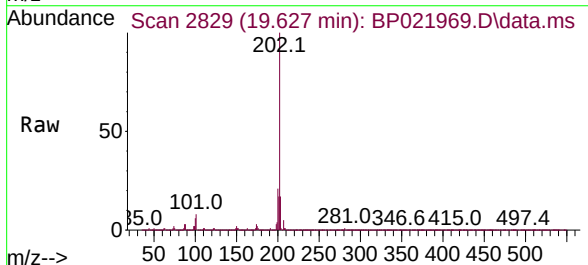
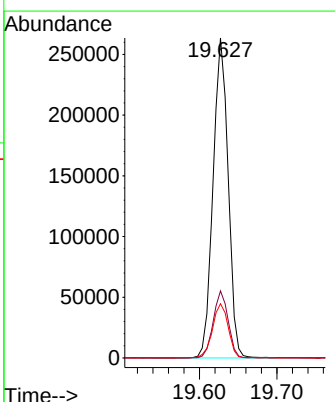
Manual Integrations
APPROVED

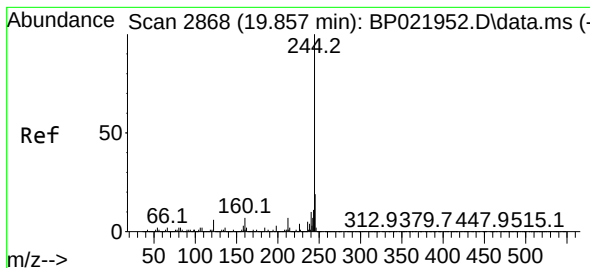
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 7.952 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:	202	Resp:	356250
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	16.9	13.8	20.8





#79

Terphenyl-d14

Concen: 83.577 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:244 Resp: 329480

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

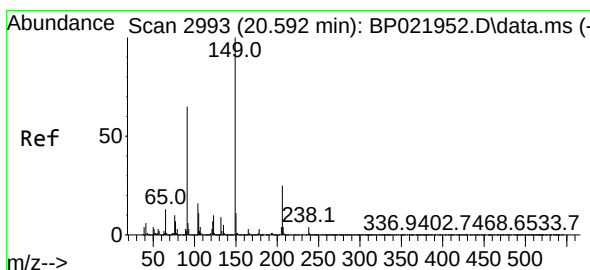
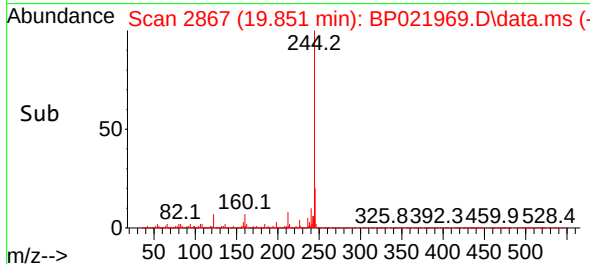
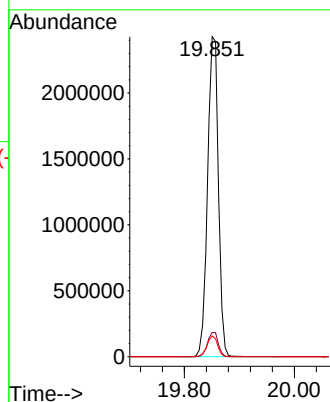
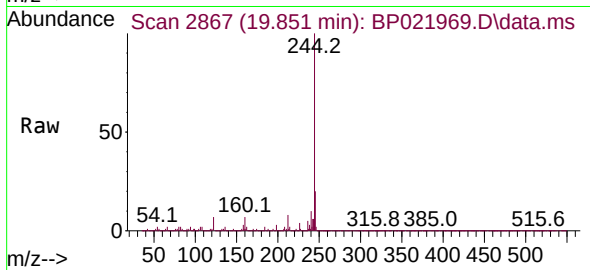
122 6.5 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 7.490 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

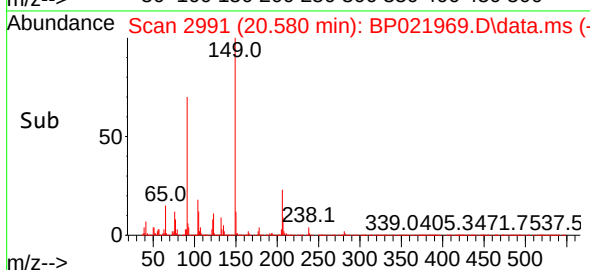
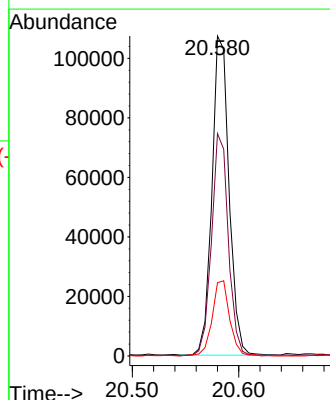
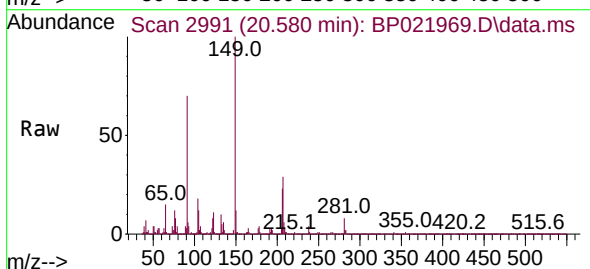
Tgt Ion:149 Resp: 119681

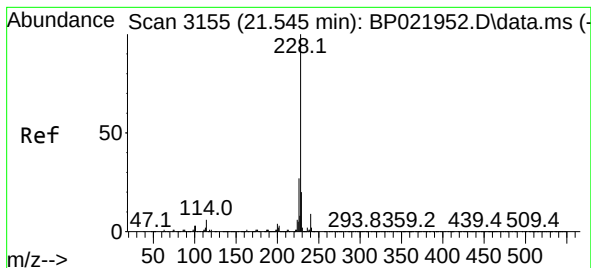
Ion Ratio Lower Upper

149 100

91 69.5 51.9 77.9

206 22.9 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.678 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

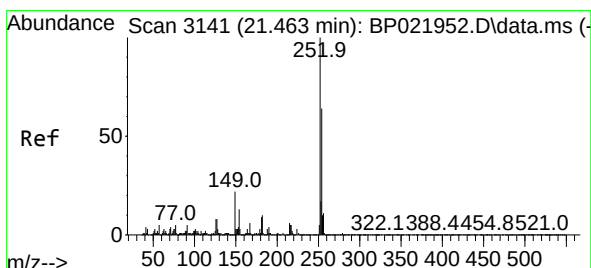
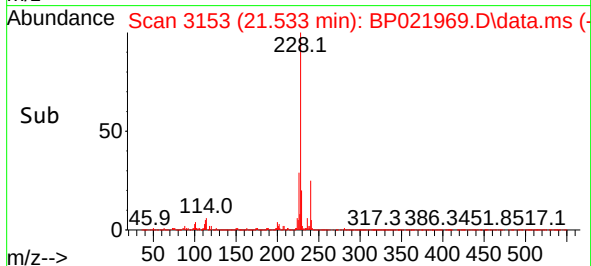
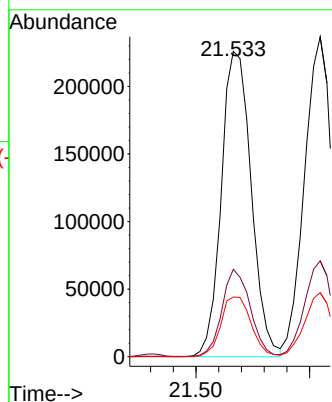
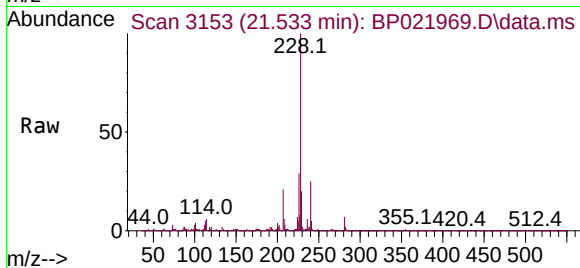
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:228	Resp: 412920
Ion Ratio	Lower Upper
228 100	
226 28.6	21.5 32.3
229 19.5	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 8.272 ng

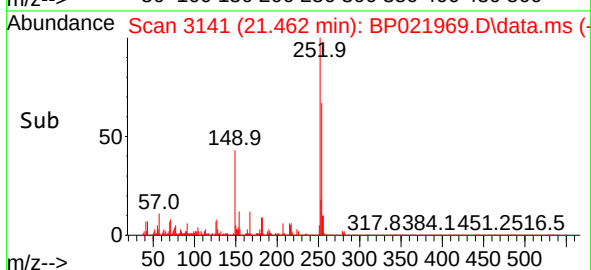
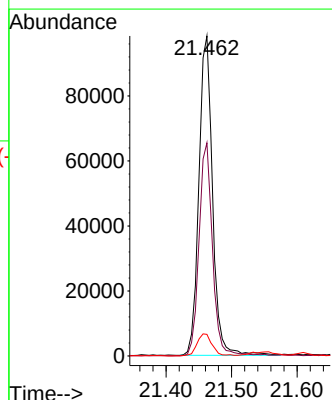
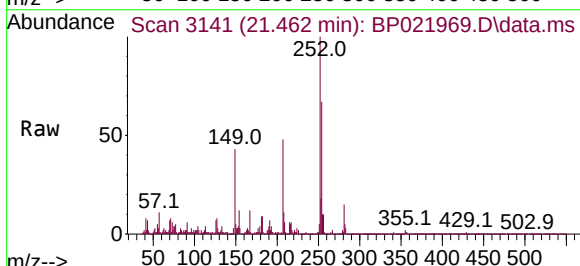
RT: 21.462 min Scan# 3141

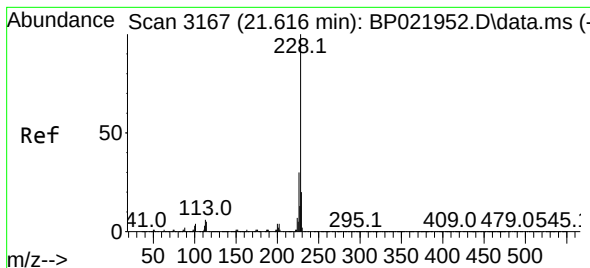
Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:252	Resp: 142816		
Ion Ratio	Lower	Upper	
252 100			
254 66.6	51.4	77.2	
126 6.8	6.2	9.4	





#83

Chrysene

Concen: 8.826 ng

RT: 21.609 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

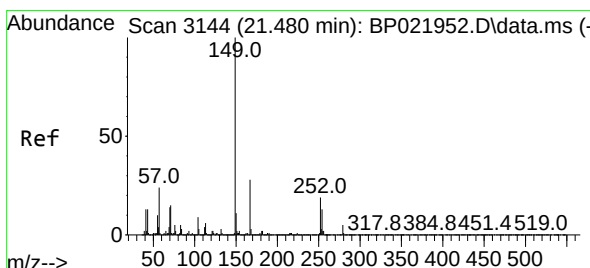
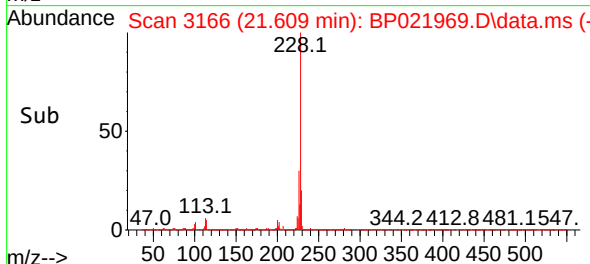
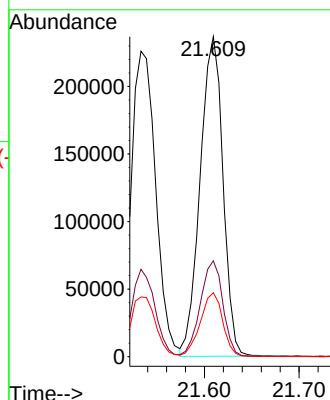
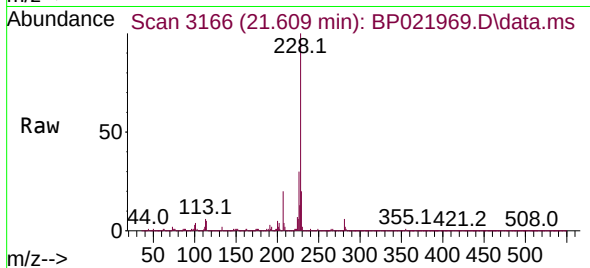
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	228	Resp:	395430
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.722 ng

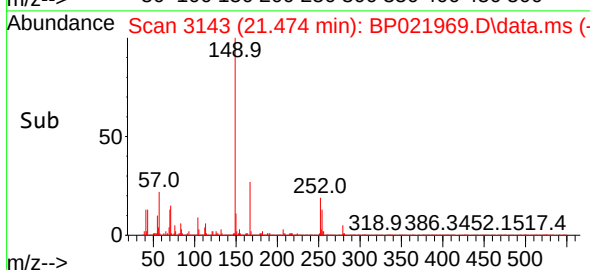
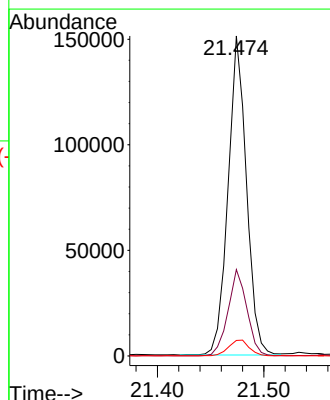
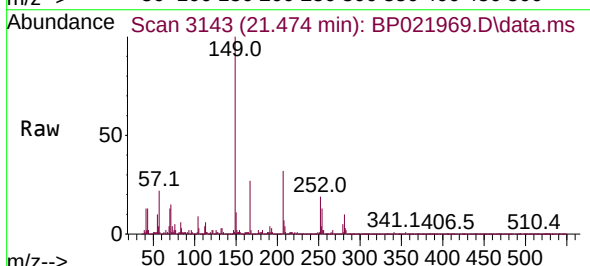
RT: 21.474 min Scan# 3143

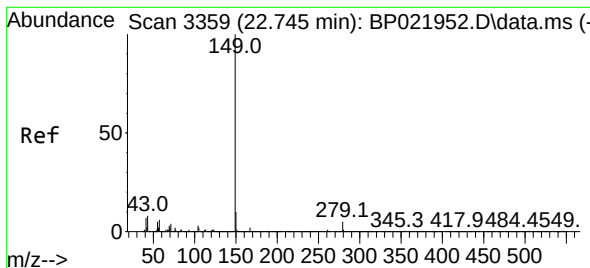
Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	149	Resp:	181076
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.3	33.5
279	4.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 7.374 ng

RT: 22.739 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

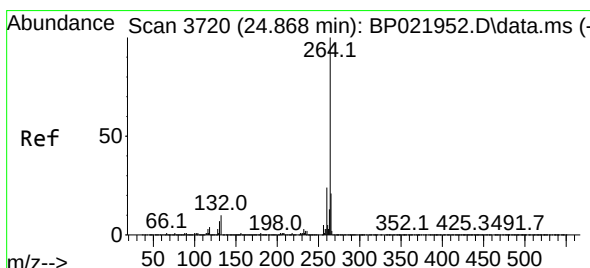
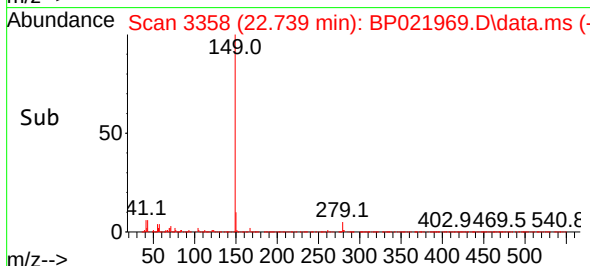
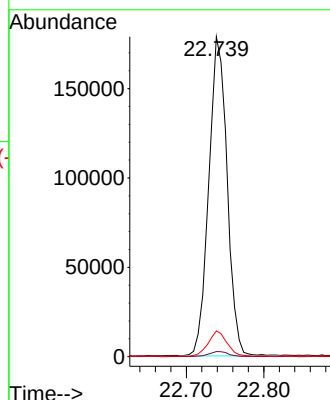
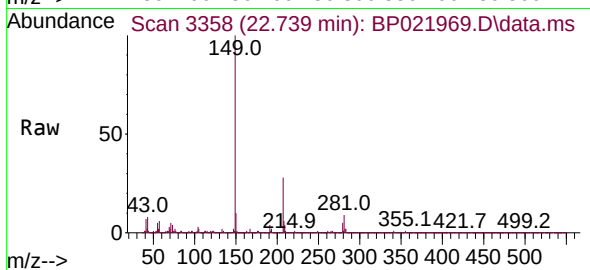
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	149	Resp:	293710
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.0	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#86

Perylene-d12

Concen: 20.000 ng

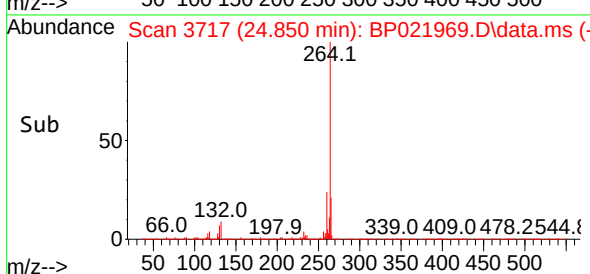
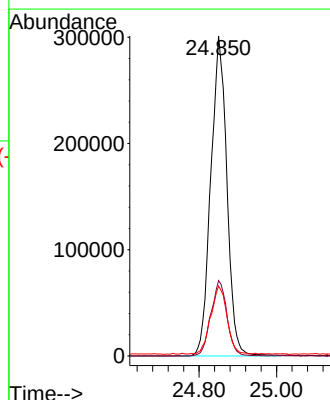
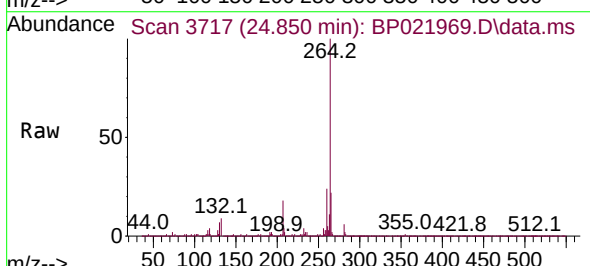
RT: 24.850 min Scan# 3717

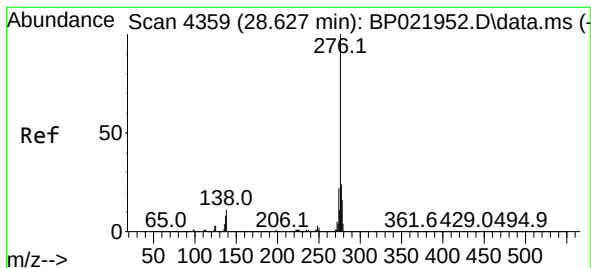
Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	264	Resp:	868149
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	21.8	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.071 ng

RT: 28.591 min Scan# 41

Delta R.T. -0.036 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:276 Resp: 52374

Ion Ratio Lower Upper

276 100

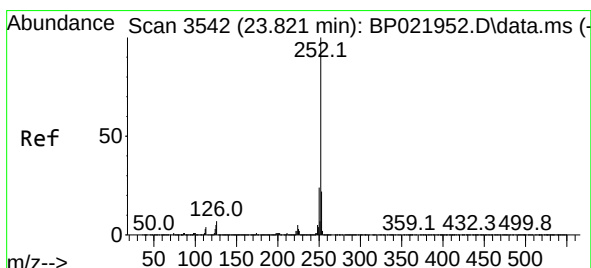
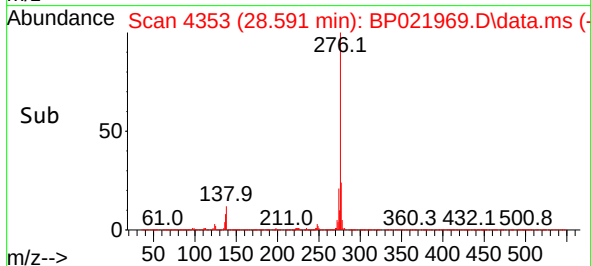
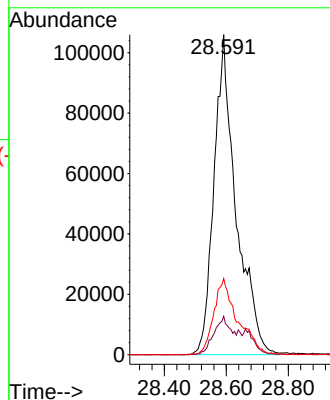
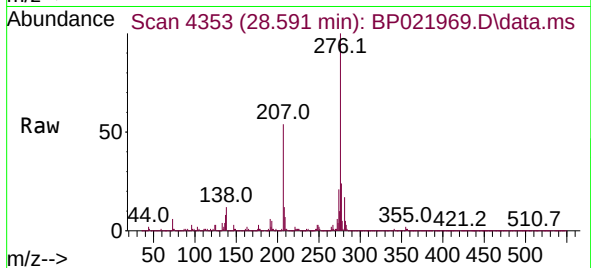
138 9.6 7.8 11.8

277 25.6 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 8.322 ng m

RT: 23.803 min Scan# 3539

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

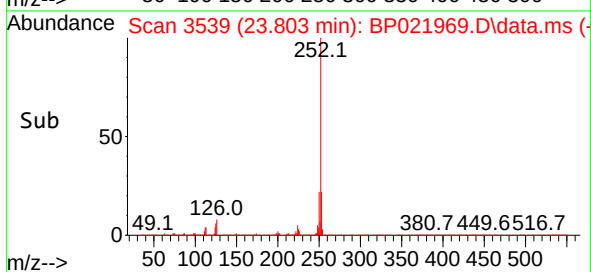
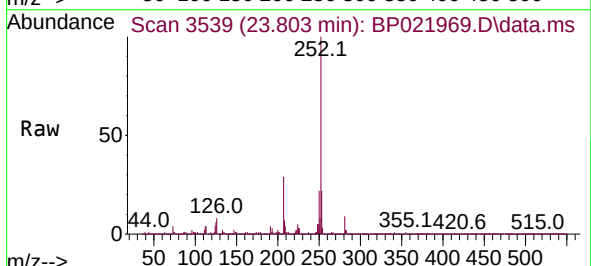
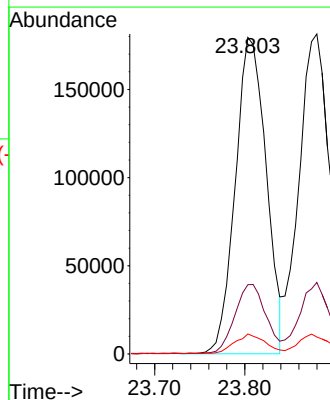
Tgt Ion:252 Resp: 427298

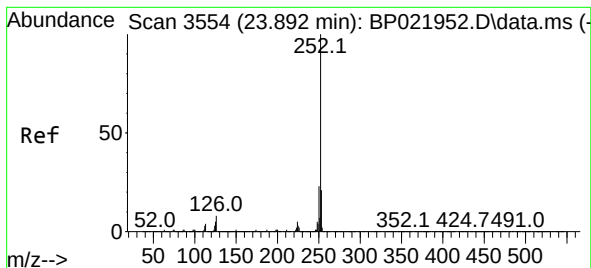
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 6.3 4.2 6.2#





#89

Benzo(k)fluoranthene

Concen: 8.999 ng

RT: 23.880 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

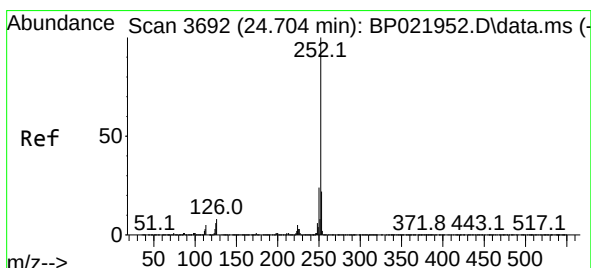
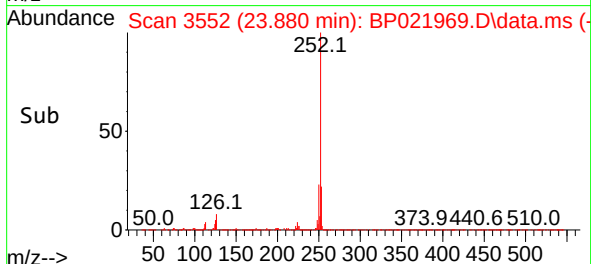
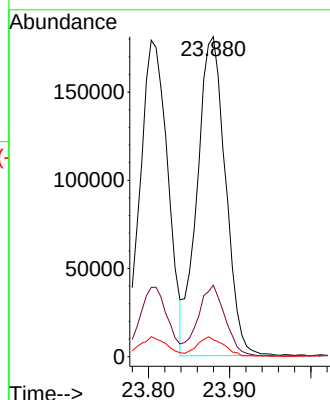
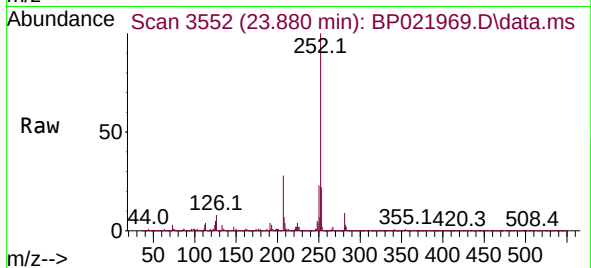
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	252	Resp:	437228
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	5.3	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#90

Benzo(a)pyrene

Concen: 8.845 ng

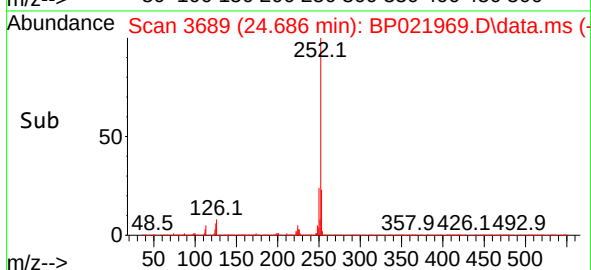
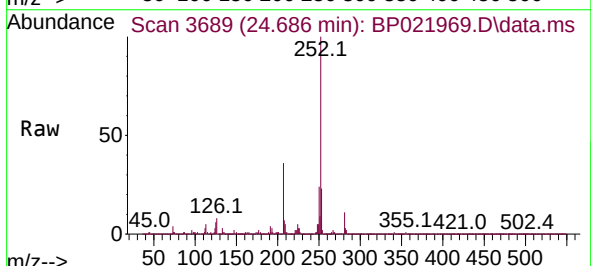
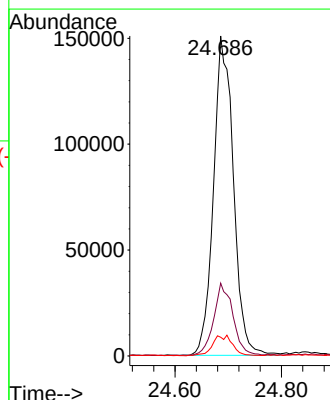
RT: 24.686 min Scan# 3689

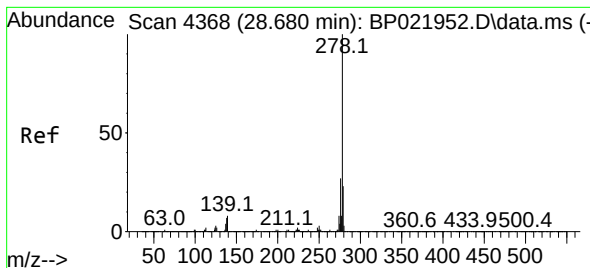
Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	252	Resp:	391206
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	5.8	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 9.096 ng

RT: 28.668 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

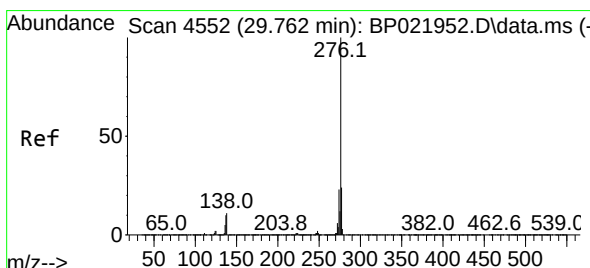
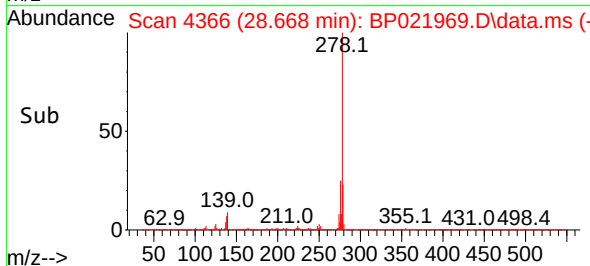
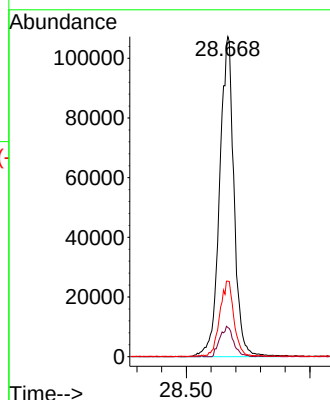
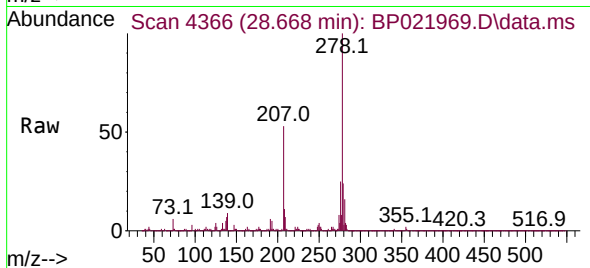
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	278	Resp:	433479
Ion Ratio	Lower	Upper	
278	100		
139	9.1	6.6	10.0
279	23.6	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#92

Benzo(g,h,i)perylene

Concen: 8.509 ng

RT: 29.744 min Scan# 4549

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:	276	Resp:	415352
Ion Ratio	Lower	Upper	
276	100		
277	22.9	19.3	28.9
138	13.0	9.2	13.8

