

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019507.D
 Acq On : 01 Feb 2024 14:23
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Quant Time: Feb 01 14:53:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	70320	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	298077	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	215500	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	495453	20.000	ng	0.00
76) Chrysene-d12	21.392	240	394526	20.000	ng	0.00
86) Perylene-d12	23.810	264	391741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	594581	136.294	ng	0.00
7) Phenol-d6	7.081	99	829893	141.085	ng	0.00
23) Nitrobenzene-d5	9.081	82	554908	80.667	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	480765	152.796	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	1332594	76.445	ng	0.00
79) Terphenyl-d14	19.875	244	2315691	96.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	17894	10.646	ng	99
3) Pyridine	3.787	79	43409	9.526	ng	100
4) n-Nitrosodimethylamine	3.711	42	19434	9.796	ng	# 96
6) Aniline	7.240	93	73259	12.817	ng	98
8) 2-Chlorophenol	7.475	128	46559	10.395	ng	96
9) Benzaldehyde	7.058	77	49608	12.029	ng	99
10) Phenol	7.105	94	63207	10.781	ng	96
11) bis(2-Chloroethyl)ether	7.346	93	48270	10.583	ng	96
12) 1,3-Dichlorobenzene	7.799	146	53155	9.699	ng	99
13) 1,4-Dichlorobenzene	7.946	146	55016	9.909	ng	97
14) 1,2-Dichlorobenzene	8.258	146	53265	9.915	ng	97
15) Benzyl Alcohol	8.158	79	53531	11.390	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.452	45	49328	10.815	ng	98
17) 2-Methylphenol	8.358	107	41793	10.589	ng	98
18) Hexachloroethane	8.981	117	20348	9.455	ng	99
19) n-Nitroso-di-n-propyla...	8.728	70	46161	11.489	ng	99
20) 3+4-Methylphenols	8.687	107	57424	10.660	ng	96
22) Acetophenone	8.740	105	88365	10.406	ng	# 98
24) Nitrobenzene	9.122	77	68081	9.830	ng	99
25) Isophorone	9.646	82	127872	10.674	ng	99
26) 2-Nitrophenol	9.834	139	24303	9.203	ng	93
27) 2,4-Dimethylphenol	9.893	122	40251	11.920	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	68863	10.159	ng	98
29) 2,4-Dichlorophenol	10.357	162	50776	9.947	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	58116	9.285	ng	99
31) Naphthalene	10.763	128	158646	9.704	ng	99
32) Benzoic acid	9.969	122	28894m	8.782	ng	
33) 4-Chloroaniline	10.881	127	69288	11.460	ng	99
34) Hexachlorobutadiene	11.040	225	39498	8.516	ng	98
35) Caprolactam	11.652	113	17699	12.248	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	60422	10.855	ng	99
37) 2-Methylnaphthalene	12.375	142	114689	10.137	ng	96
38) 1-Methylnaphthalene	12.593	142	114391	10.289	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	76767	9.237	ng	99
41) Hexachlorocyclopentadiene	12.704	237	38710	10.310	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	46467	9.233	ng	97

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 Misc : LOQ-SOIL-10PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

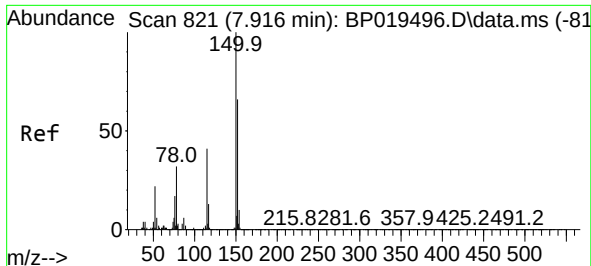
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	50275	9.098	ng	99
46) 1,1'-Biphenyl	13.387	154	164939	9.590	ng	99
47) 2-Chloronaphthalene	13.428	162	128500	9.101	ng	97
48) 2-Nitroaniline	13.634	65	39459	9.995	ng	95
49) Acenaphthylene	14.269	152	207728	10.487	ng	99
50) Dimethylphthalate	14.016	163	171502	10.396	ng	99
51) 2,6-Dinitrotoluene	14.134	165	34885	9.625	ng	94
52) Acenaphthene	14.610	154	120158	9.774	ng	98
53) 3-Nitroaniline	14.463	138	34706	10.419	ng	94
54) 2,4-Dinitrophenol	14.669	184	15954	8.478	ng	# 84
55) Dibenzofuran	14.945	168	201867	10.081	ng	99
56) 4-Nitrophenol	14.763	139	27371	10.025	ng	93
57) 2,4-Dinitrotoluene	14.922	165	47674	10.037	ng	98
58) Fluorene	15.598	166	162946	10.217	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.169	232	47416	10.201	ng	100
60) Diethylphthalate	15.381	149	172227	10.496	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	88637	9.888	ng	99
62) 4-Nitroaniline	15.622	138	37230	10.663	ng	97
63) Azobenzene	15.892	77	161750	10.194	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	21839	7.730	ng	95
66) n-Nitrosodiphenylamine	15.816	169	142950	9.634	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	57814	9.334	ng	97
68) Hexachlorobenzene	16.592	284	65688	9.082	ng	97
69) Atrazine	16.775	200	57802	11.739	ng	97
70) Pentachlorophenol	16.945	266	35495	7.880	ng	90
71) Phenanthrene	17.345	178	267331	10.253	ng	100
72) Anthracene	17.434	178	265116	10.193	ng	99
73) Carbazole	17.710	167	234159	9.910	ng	99
74) Di-n-butylphthalate	18.275	149	273052	9.557	ng	99
75) Fluoranthene	19.310	202	305893	9.604	ng	99
77) Benzidine	19.498	184	152505	18.489	ng	98
78) Pyrene	19.663	202	315061	11.315	ng	99
80) Butylbenzylphthalate	20.557	149	103069	9.912	ng	99
81) Benzo(a)anthracene	21.375	228	277909	10.007	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	100384	9.919	ng	100
83) Chrysene	21.433	228	254944	9.669	ng	100
84) Bis(2-ethylhexyl)phtha...	21.328	149	138059	8.719	ng	97
85) Di-n-octyl phthalate	22.275	149	204655	7.346	ng	100
87) Indeno(1,2,3-cd)pyrene	26.339	276	286998	9.571	ng	99
88) Benzo(b)fluoranthene	23.074	252	237914	9.636	ng	99
89) Benzo(k)fluoranthene	23.127	252	225264	9.551	ng	99
90) Benzo(a)pyrene	23.704	252	206850	9.416	ng	98
91) Dibenzo(a,h)anthracene	26.368	278	236813	9.602	ng	99
92) Benzo(g,h,i)perylene	27.110	276	232972	9.311	ng	97

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



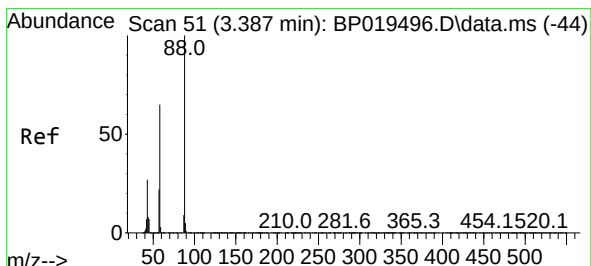
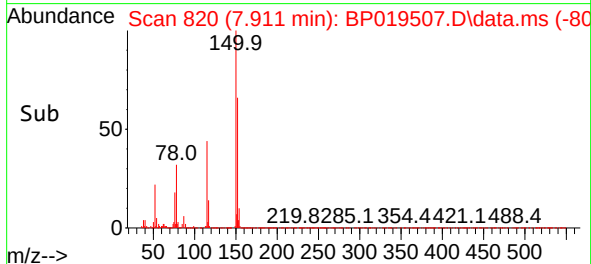
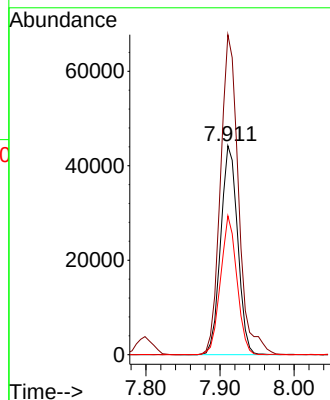
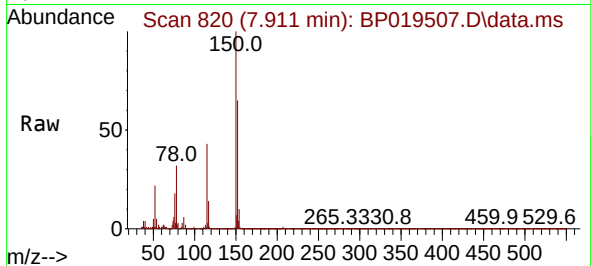
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:152 Resp: 70320
Ion Ratio Lower Upper
152 100
150 153.2 121.8 182.8
115 66.5 49.9 74.9

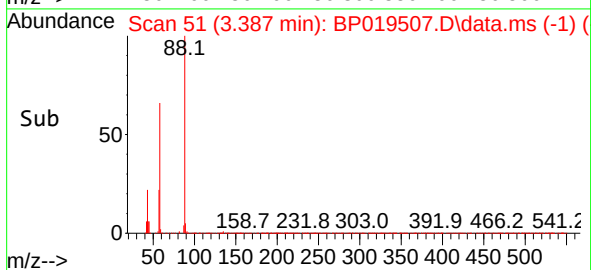
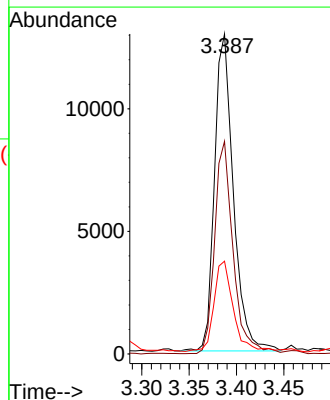
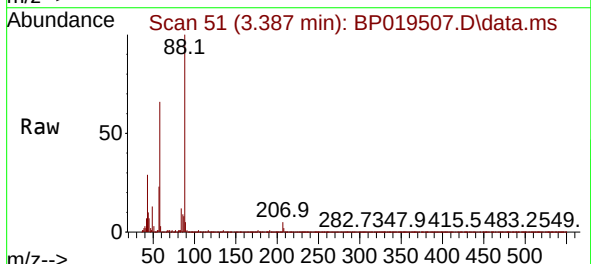
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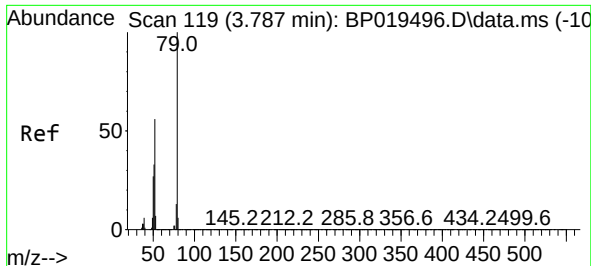
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#2
1,4-Dioxane
Concen: 10.646 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion: 88 Resp: 17894
Ion Ratio Lower Upper
88 100
58 65.5 52.6 78.8
43 29.0 21.9 32.9





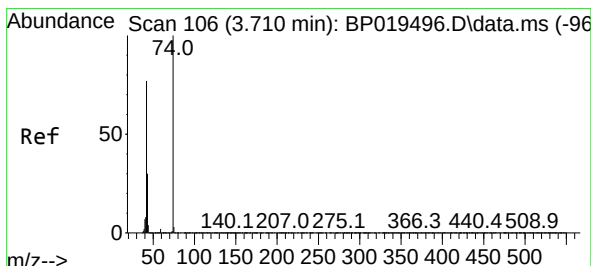
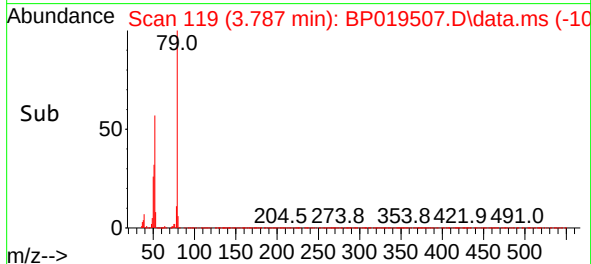
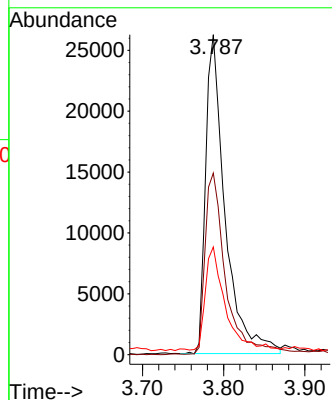
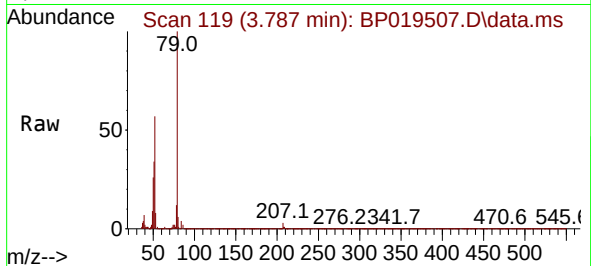
#3
Pyridine
Concen: 9.526 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion: 79 Resp: 43409
Ion Ratio Lower Upper
79 100
52 56.8 45.0 67.6
51 33.6 26.8 40.2

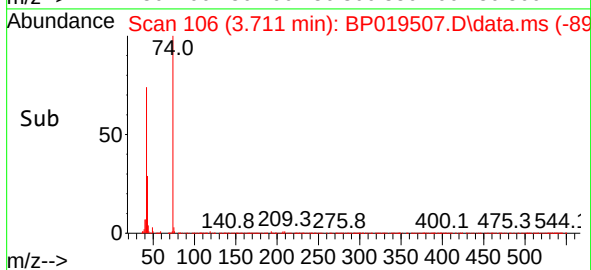
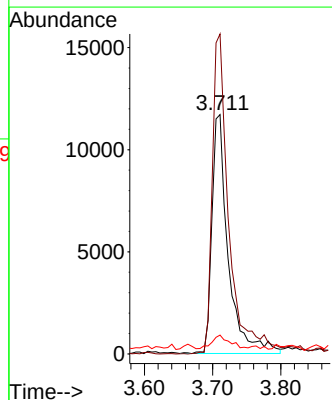
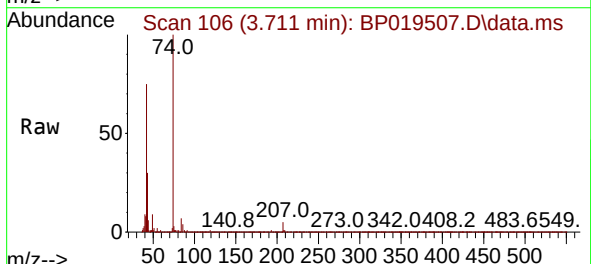
Manual Integrations
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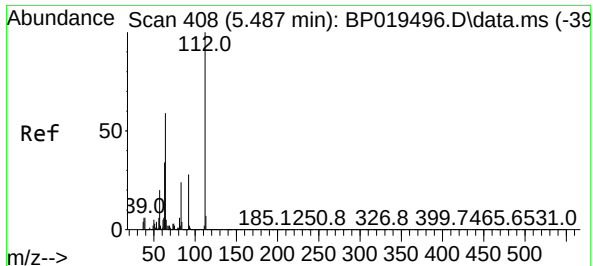
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#4
n-Nitrosodimethylamine
Concen: 9.796 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

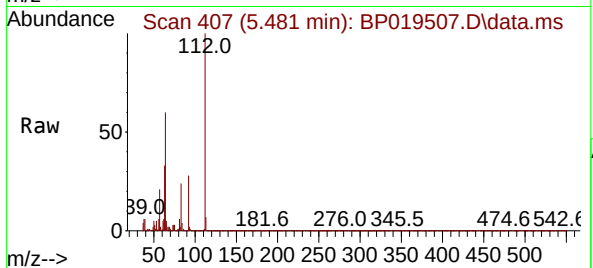
Tgt Ion: 42 Resp: 19434
Ion Ratio Lower Upper
42 100
74 133.7 103.4 155.2
44 7.9 4.8 7.2#





#5
2-Fluorophenol
Concen: 136.294 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

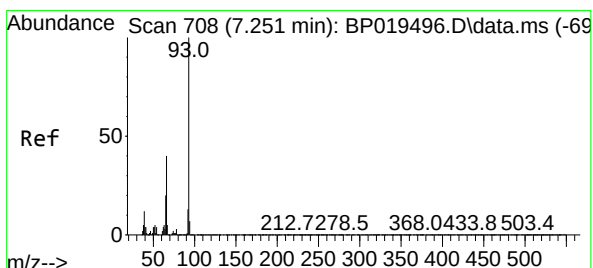
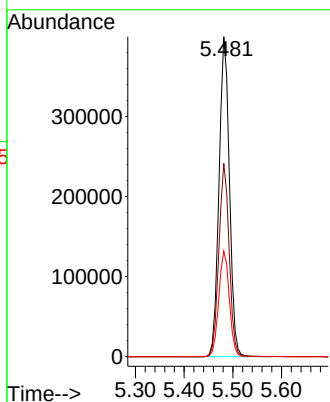
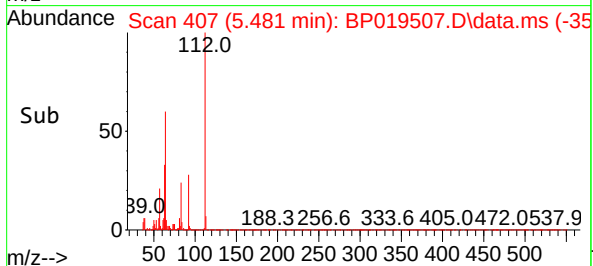
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:112 Resp: 59458
Ion Ratio Lower Upper
112 100
64 60.4 47.4 71.0
63 33.0 27.0 40.6

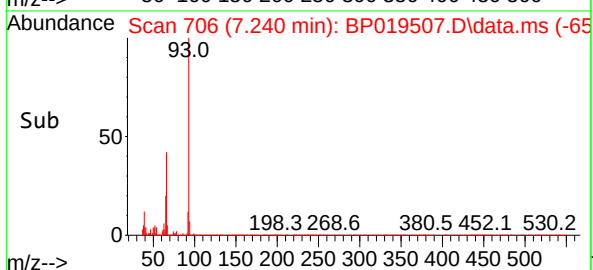
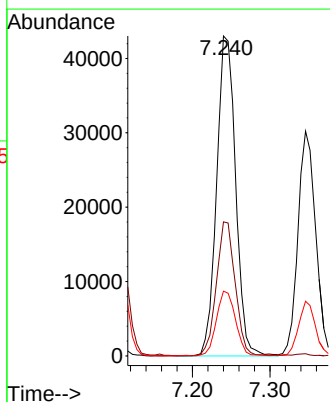
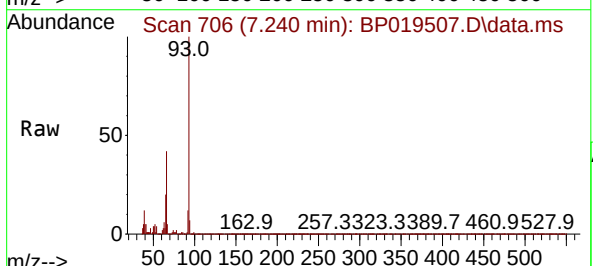
Manual Integrations
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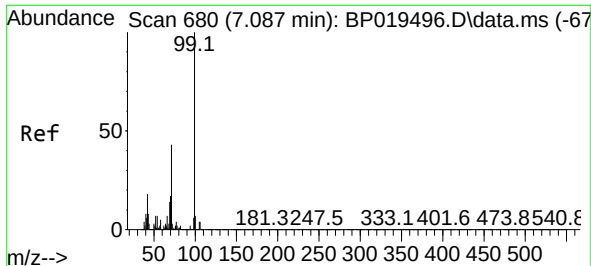
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#6
Aniline
Concen: 12.817 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

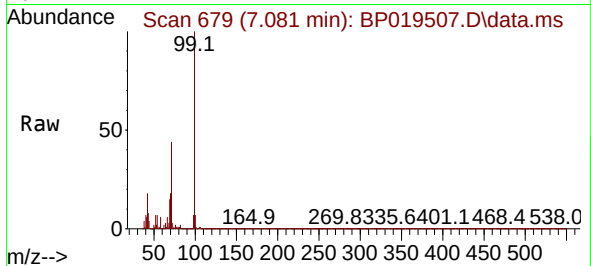
Tgt Ion: 93 Resp: 73259
Ion Ratio Lower Upper
93 100
66 41.9 32.3 48.5
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 141.085 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

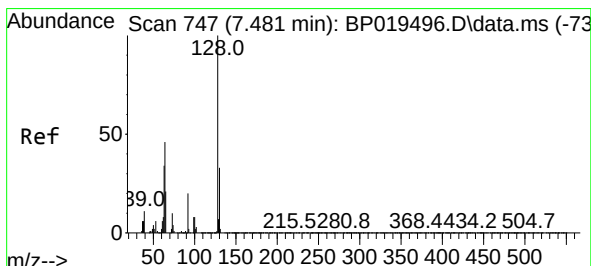
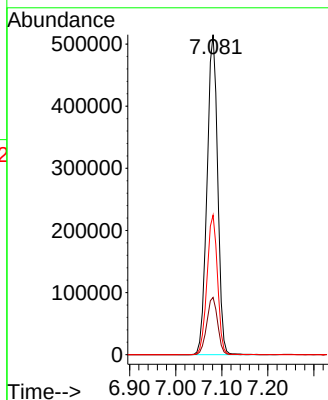
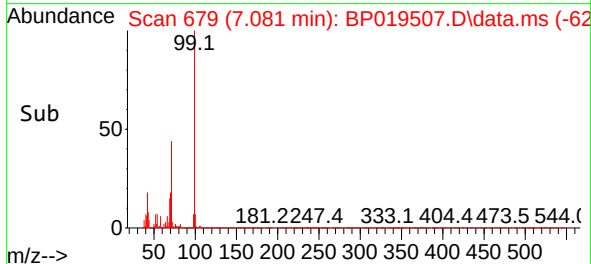
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 99 Resp: 82989
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 43.6 34.8 52.2

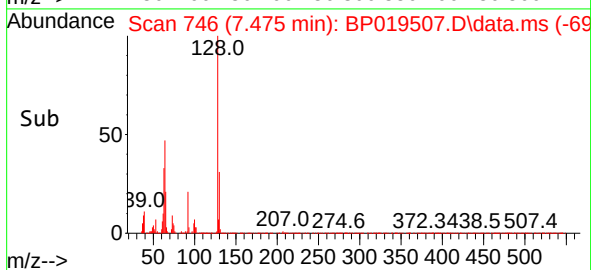
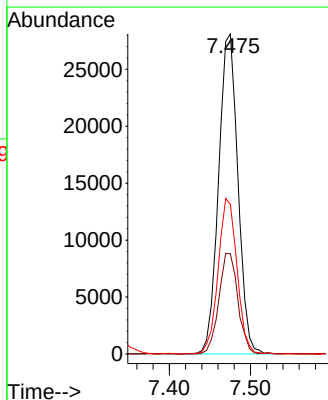
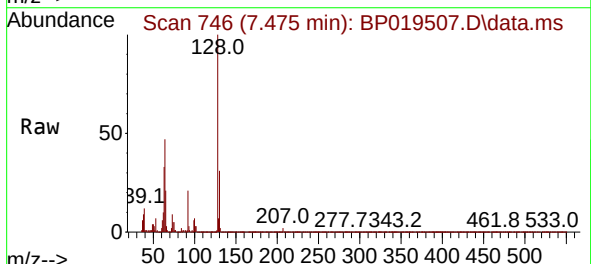
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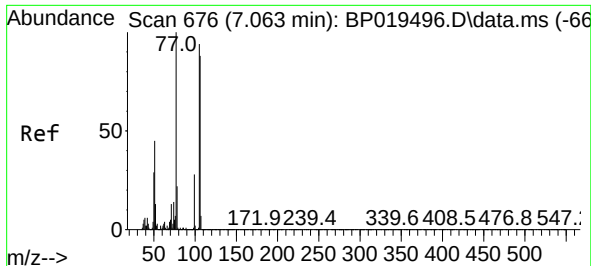
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#8
2-Chlorophenol
Concen: 10.395 ng
RT: 7.475 min Scan# 746
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:128 Resp: 46559
Ion Ratio Lower Upper
128 100
130 31.3 13.3 53.3
64 46.7 29.7 69.7





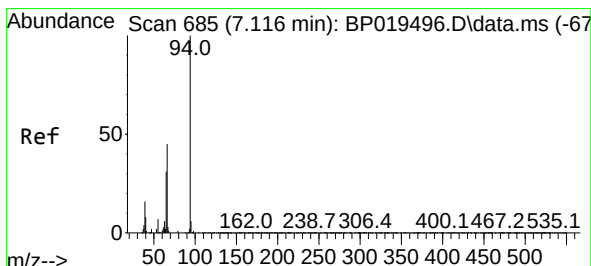
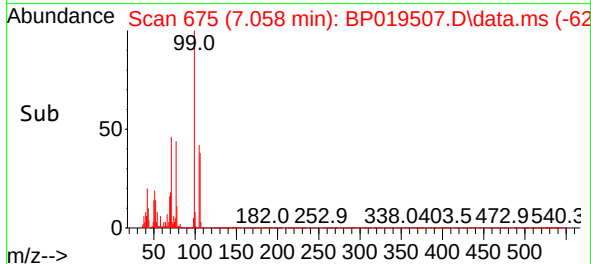
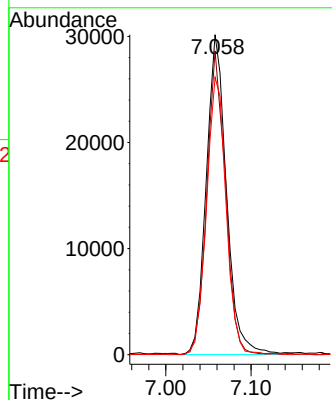
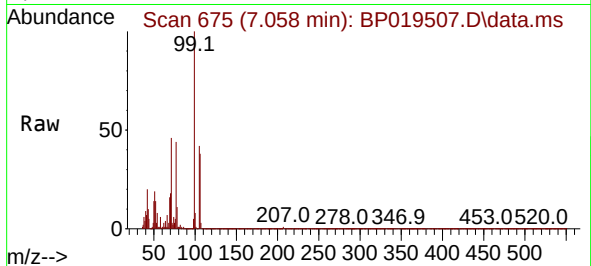
#9
Benzaldehyde
Concen: 12.029 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion: 77 Resp: 49608
Ion Ratio Lower Upper
77 100
105 94.9 74.0 114.0
106 86.7 67.8 107.8

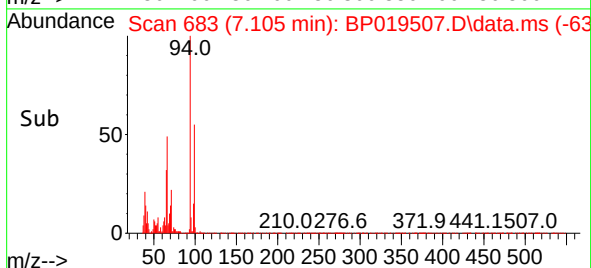
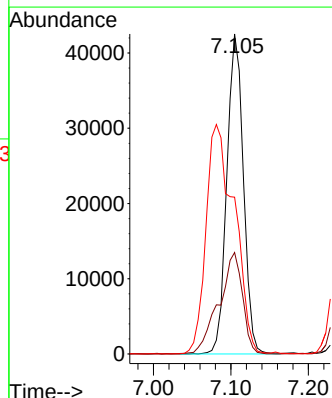
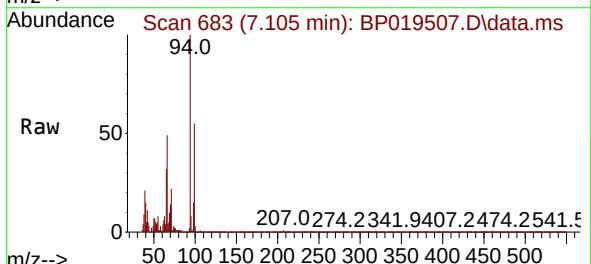
Manual Integrations
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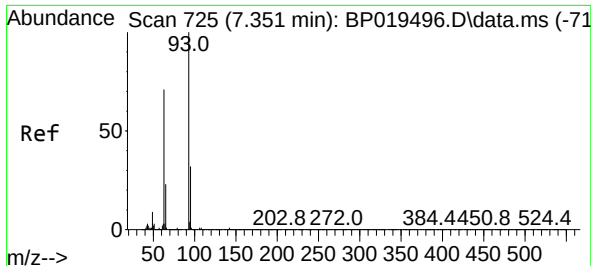
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#10
Phenol
Concen: 10.781 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

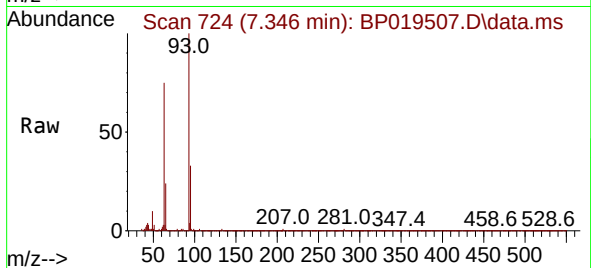
Tgt Ion: 94 Resp: 63207
Ion Ratio Lower Upper
94 100
65 31.7 11.3 51.3
66 49.0 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 10.583 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

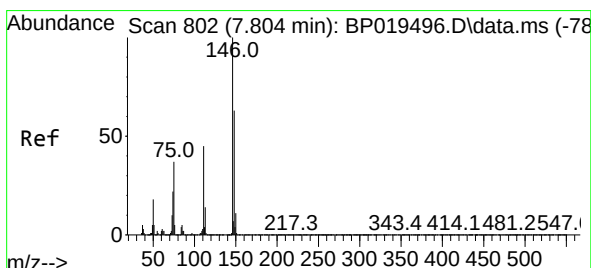
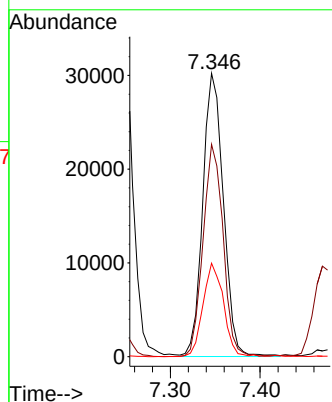
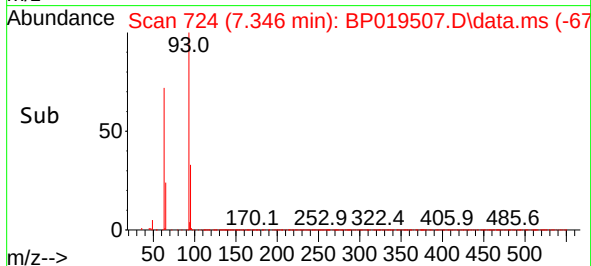
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



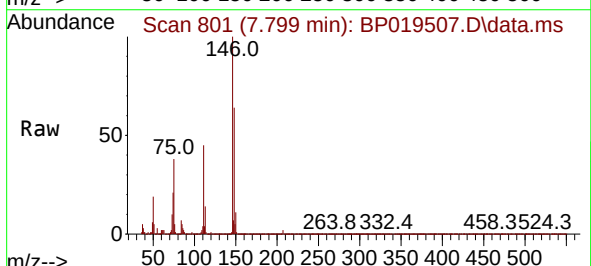
Tgt Ion: 93 Resp: 48270
Ion Ratio Lower Upper
93 100
63 74.9 51.2 91.2
95 33.0 11.8 51.8

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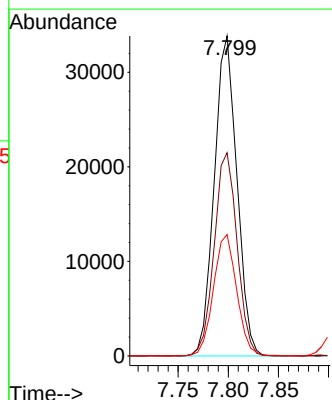
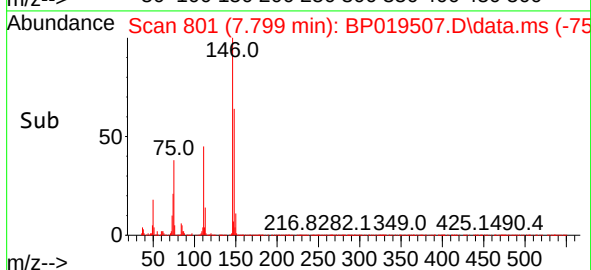
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

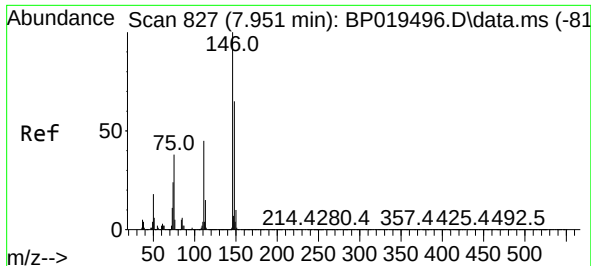


#12
1,3-Dichlorobenzene
Concen: 9.699 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



Tgt Ion:146 Resp: 53155
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
75 37.9 29.9 44.9





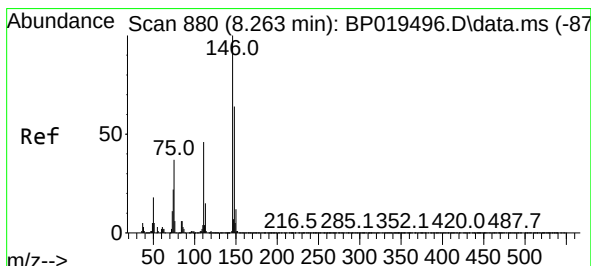
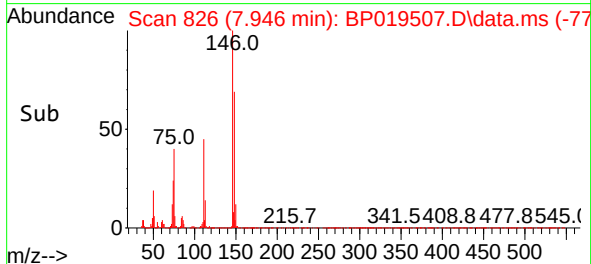
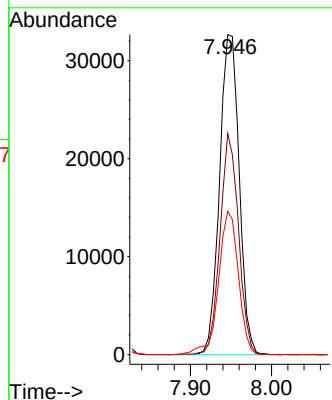
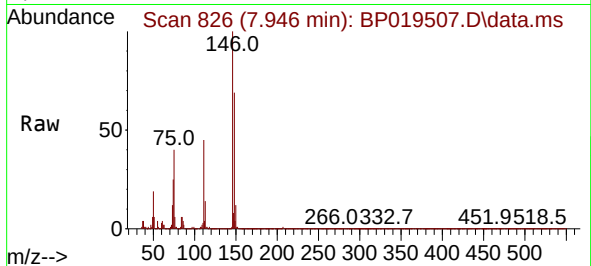
#13
1,4-Dichlorobenzene
Concen: 9.909 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:146 Resp: 55010
Ion Ratio Lower Upper
146 100
148 69.1 51.9 77.9
111 44.8 35.8 53.6

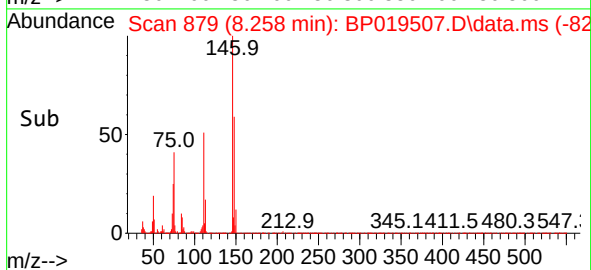
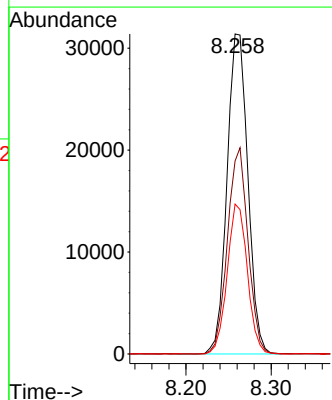
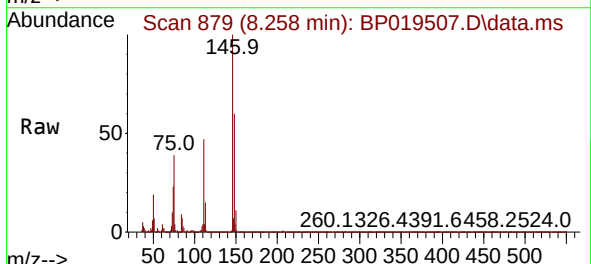
Manual Integrations
APPROVED

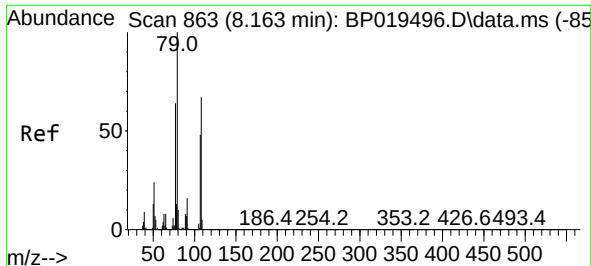
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#14
1,2-Dichlorobenzene
Concen: 9.915 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:146 Resp: 53265
Ion Ratio Lower Upper
146 100
148 60.3 51.4 77.0
111 46.9 37.0 55.6





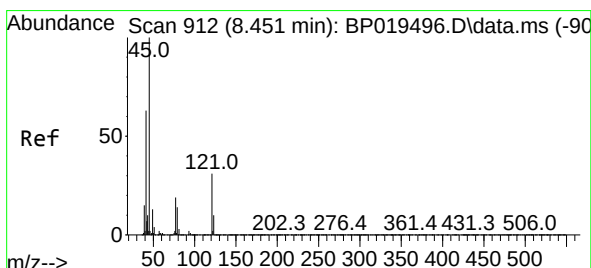
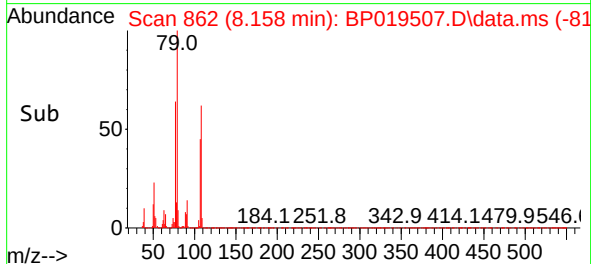
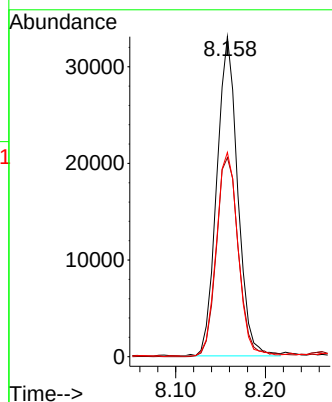
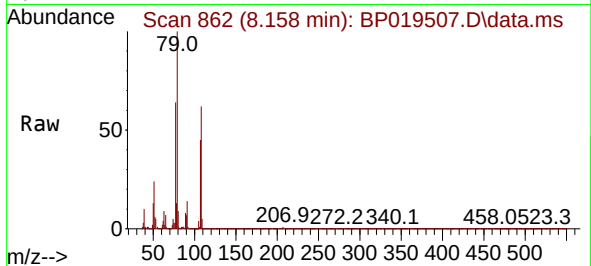
#15
Benzyl Alcohol
Concen: 11.390 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion: 79 Resp: 5353
Ion Ratio Lower Upper
79 100
108 62.2 53.8 80.6
77 63.8 51.3 76.9

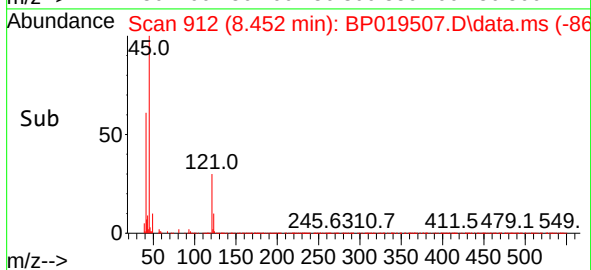
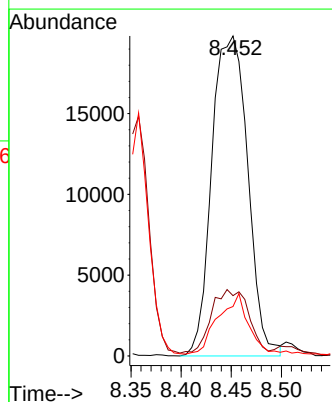
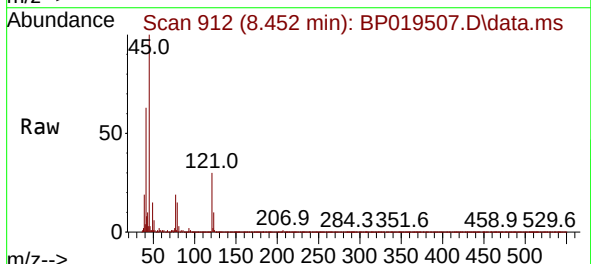
Manual Integrations
APPROVED

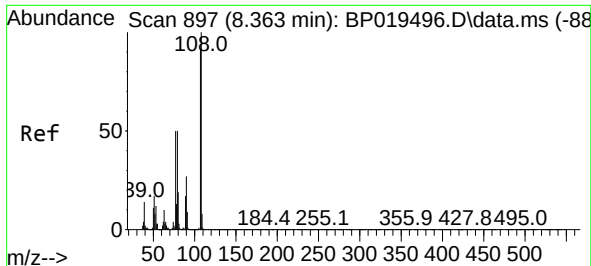
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.815 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

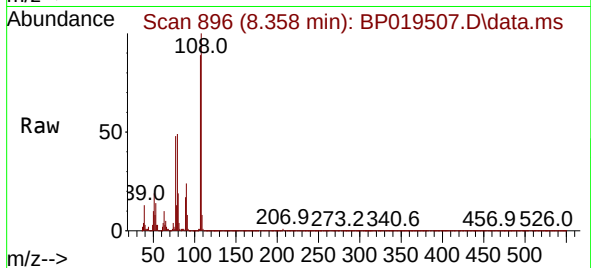
Tgt Ion: 45 Resp: 49328
Ion Ratio Lower Upper
45 100
77 18.9 0.8 40.8
79 15.5 0.0 35.5





#17
2-Methylphenol
Concen: 10.589 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

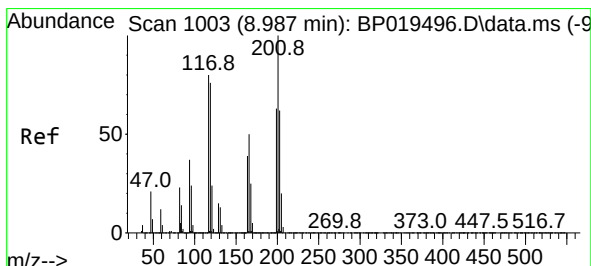
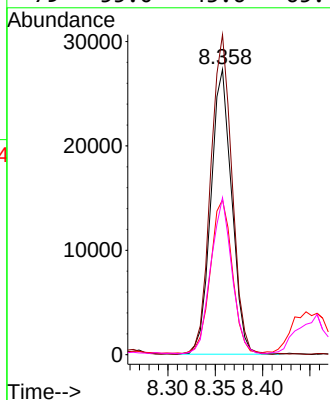
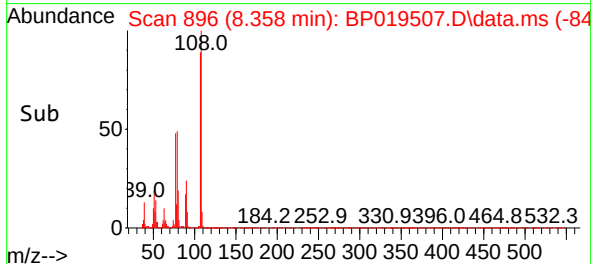
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:107 Resp: 4179
Ion Ratio Lower Upper
107 100
108 112.1 87.0 130.6
77 54.3 43.5 65.3
79 55.0 43.6 65.4

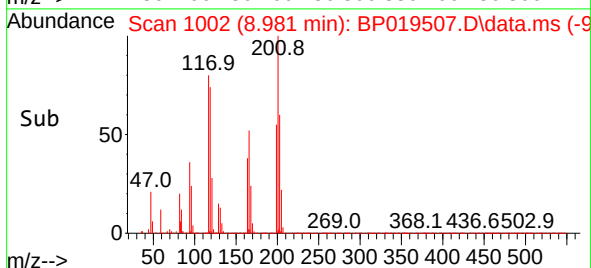
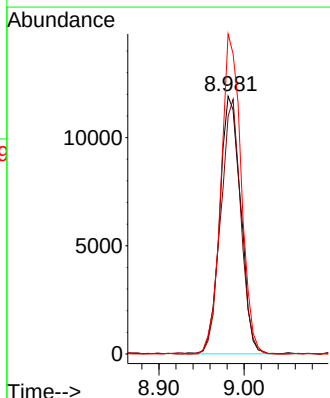
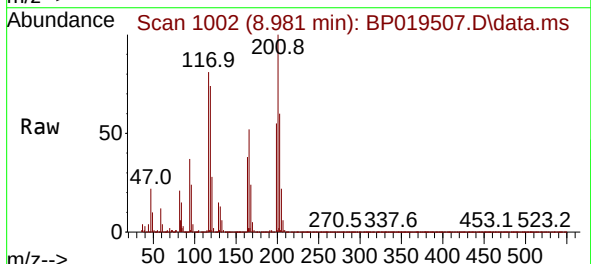
Manual Integrations
APPROVED

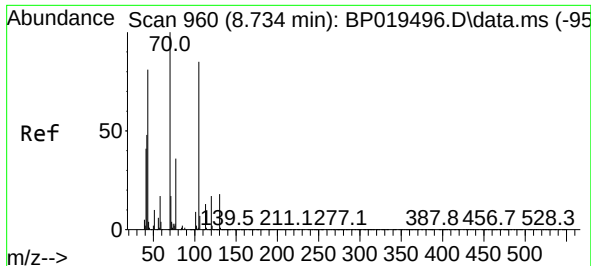
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#18
Hexachloroethane
Concen: 9.455 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

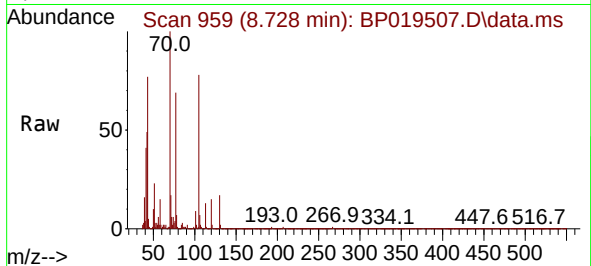
Tgt Ion:117 Resp: 20348
Ion Ratio Lower Upper
117 100
119 92.2 75.5 113.3
201 124.1 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 11.489 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

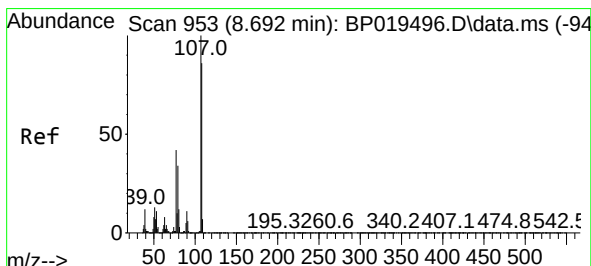
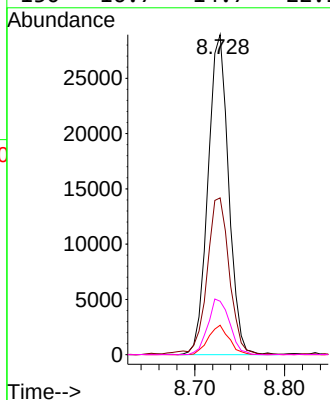
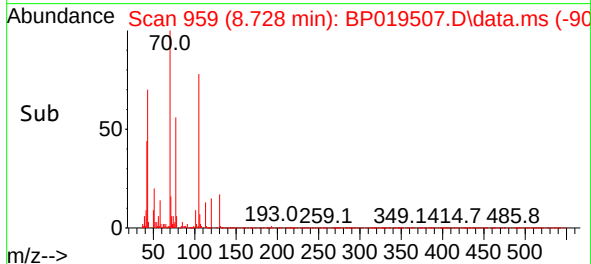
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



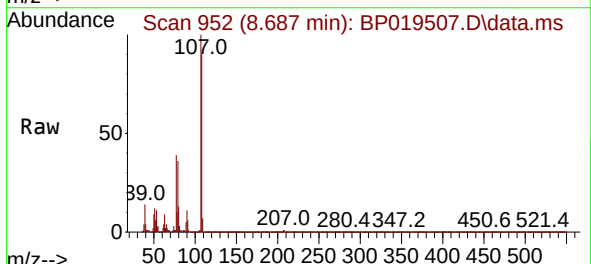
Tgt Ion: 70 Resp: 4616
Ion Ratio Lower Upper
70 100
42 49.0 39.2 58.8
101 9.2 7.3 10.9
130 16.7 14.7 22.1

Manual Integrations
APPROVED

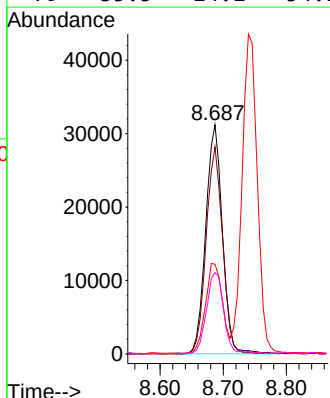
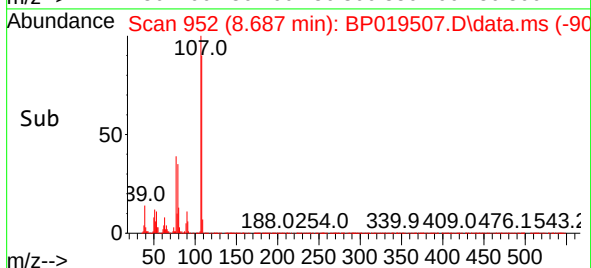
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

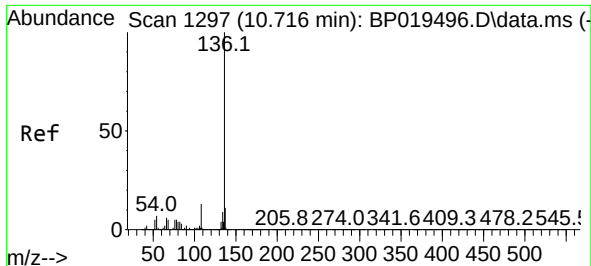


#20
3+4-Methylphenols
Concen: 10.660 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



Tgt Ion:107 Resp: 57424
Ion Ratio Lower Upper
107 100
108 90.4 65.5 105.5
77 39.2 21.8 61.8
79 35.5 14.1 54.1





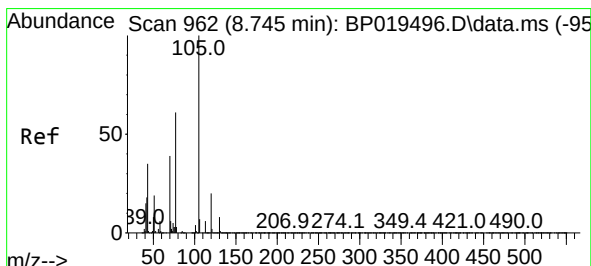
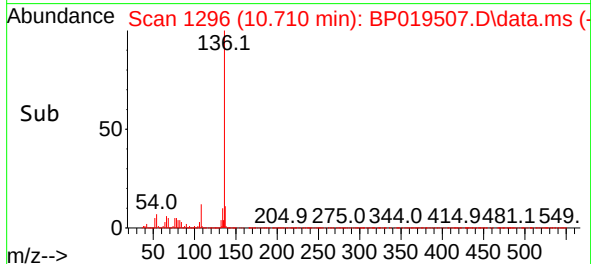
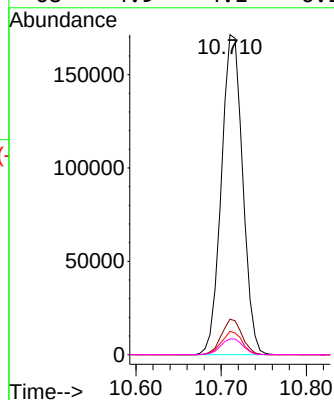
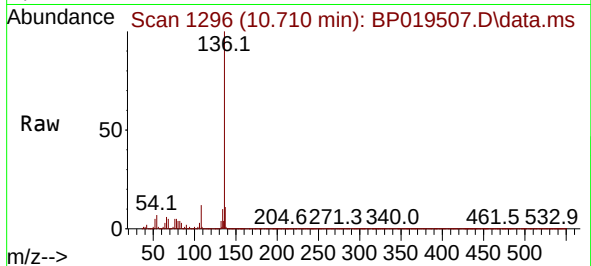
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:	136	Resp:	29807
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.3	5.3	7.9
68	4.9	4.1	6.1

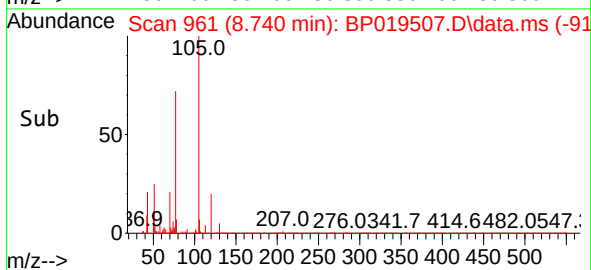
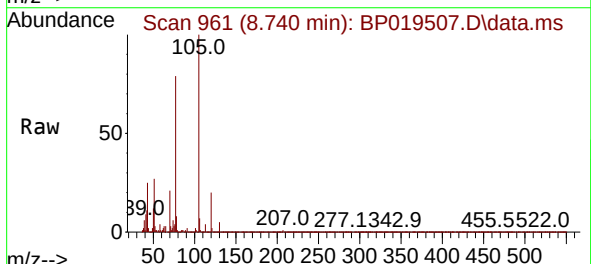
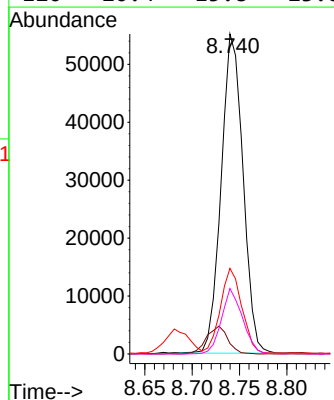
Manual Integrations
APPROVED

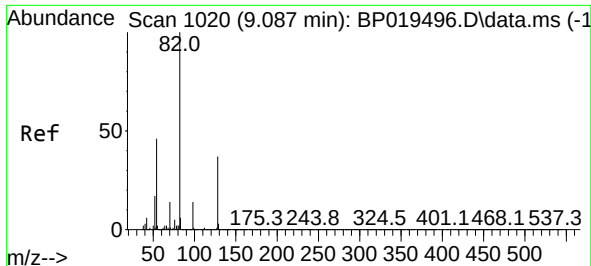
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Acetophenone
Concen: 10.406 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

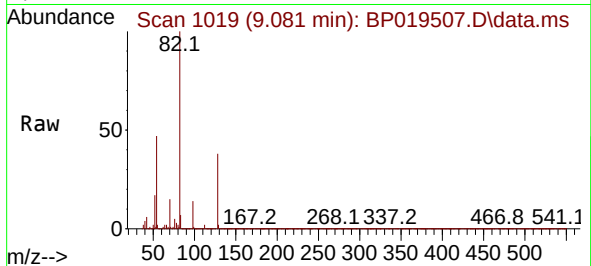
Tgt Ion:	105	Resp:	88365
Ion Ratio	Lower	Upper	
105	100		
71	3.3	4.9	7.3
51	26.8	20.7	31.1
120	20.4	15.8	23.8





#23
Nitrobenzene-d5
Concen: 80.667 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

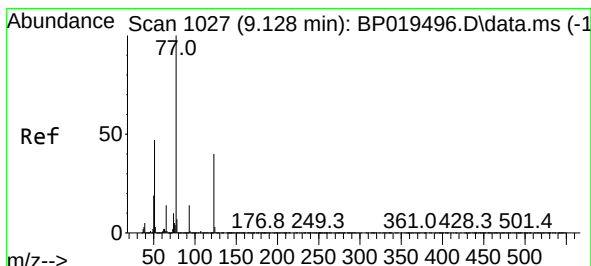
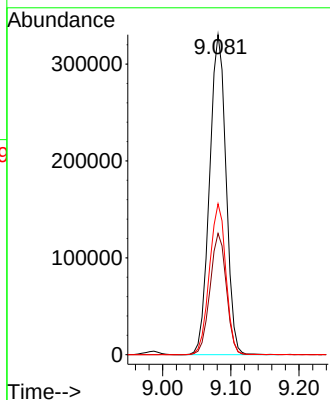
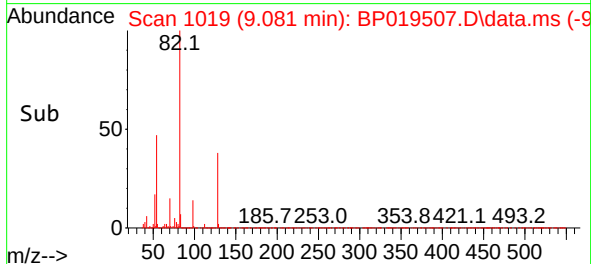
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 82 Resp: 554908
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 47.2 36.8 55.2

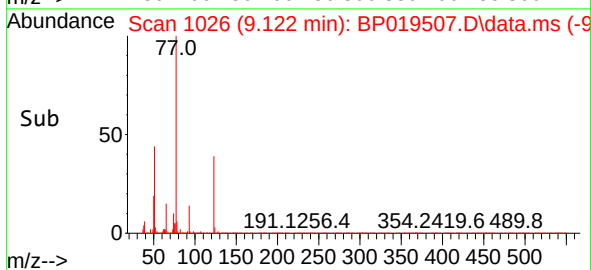
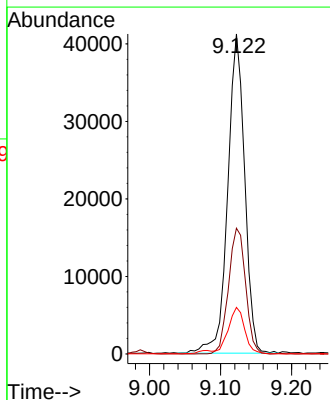
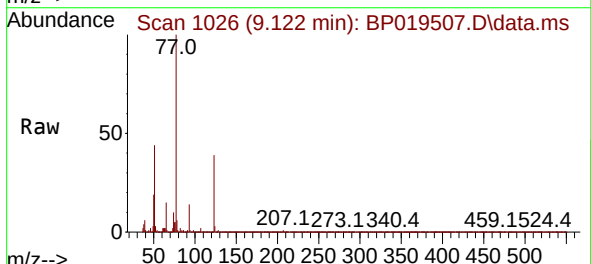
Manual Integrations
APPROVED

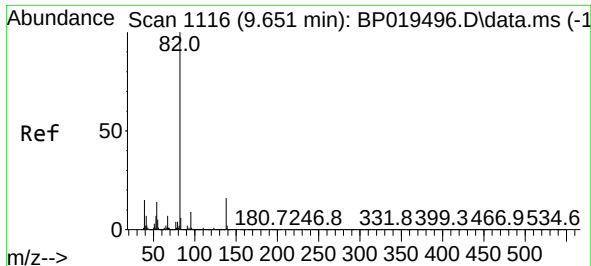
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Nitrobenzene
Concen: 9.830 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion: 77 Resp: 68081
Ion Ratio Lower Upper
77 100
123 39.3 32.3 48.5
65 14.6 11.6 17.4





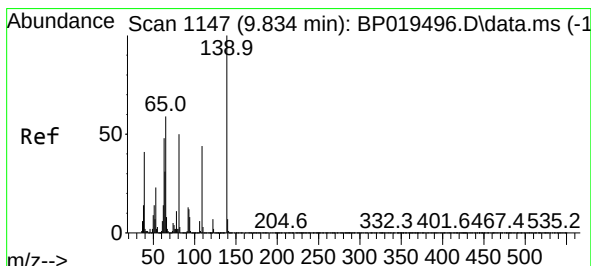
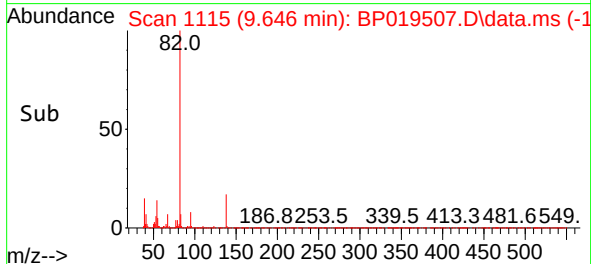
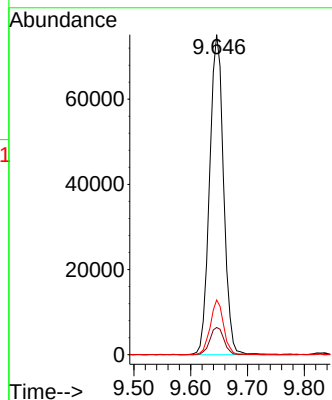
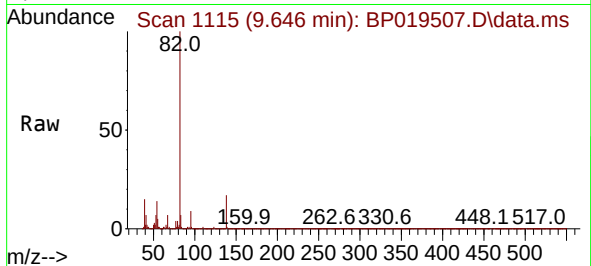
#25
Isophorone
Concen: 10.674 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion: 82 Resp: 127872
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 17.1 13.1 19.7

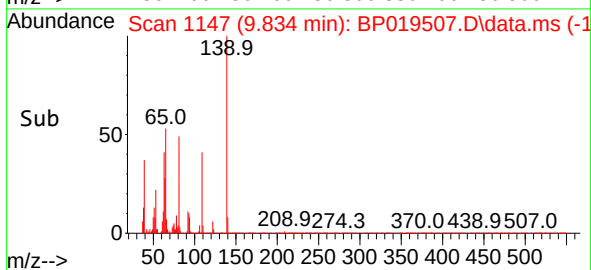
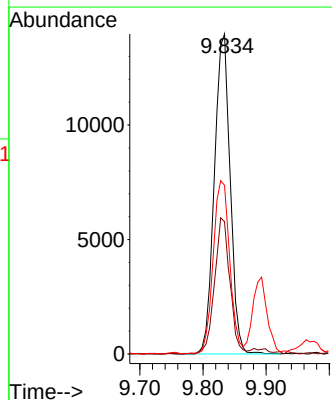
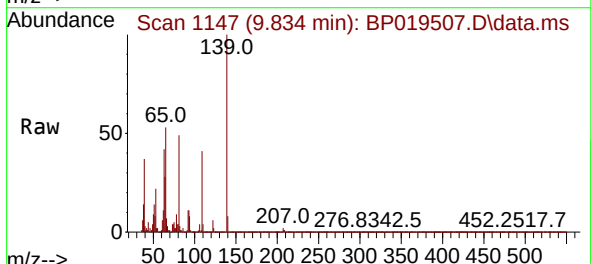
Manual Integrations
APPROVED

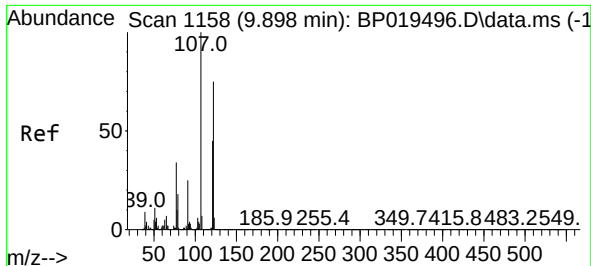
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#26
2-Nitrophenol
Concen: 9.203 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

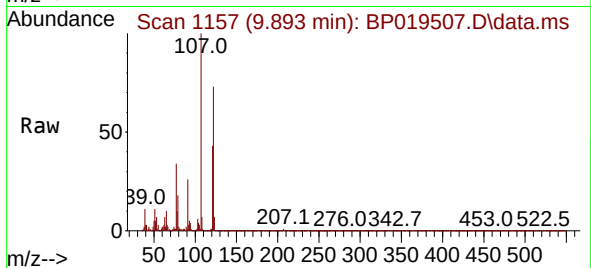
Tgt Ion:139 Resp: 24303
Ion Ratio Lower Upper
139 100
109 41.4 34.9 52.3
65 52.7 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 11.920 ng
RT: 9.893 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

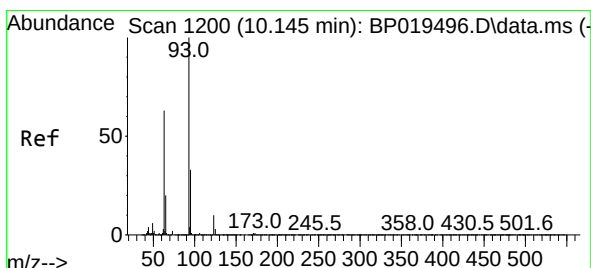
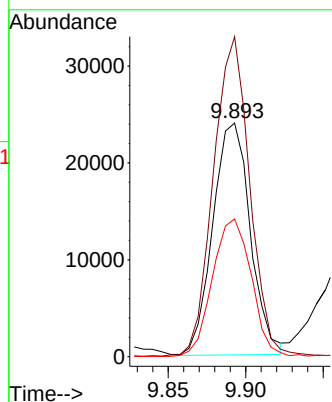
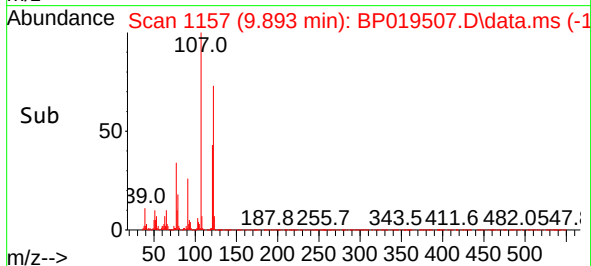
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



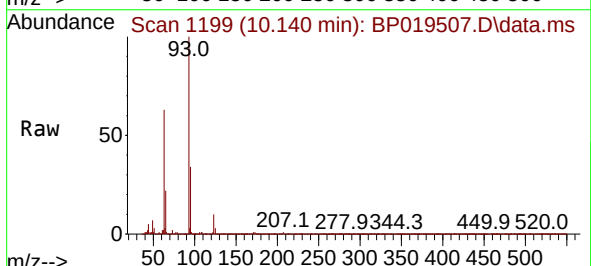
Tgt Ion:122 Resp: 4025
Ion Ratio Lower Upper
122 100
107 137.0 105.9 158.9
121 59.0 47.5 71.3

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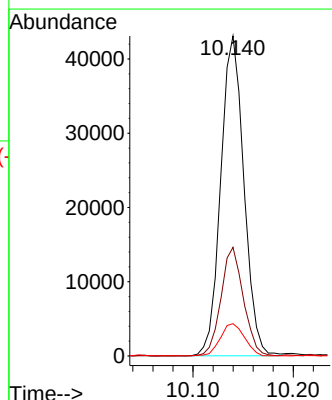
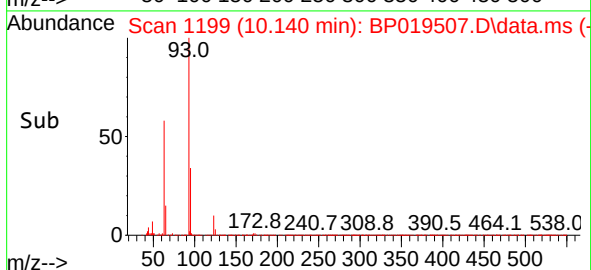
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

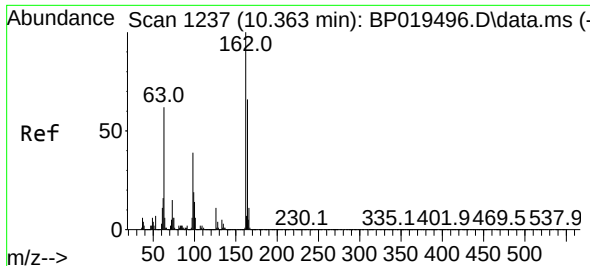


#28
bis(2-Chloroethoxy)methane
Concen: 10.159 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



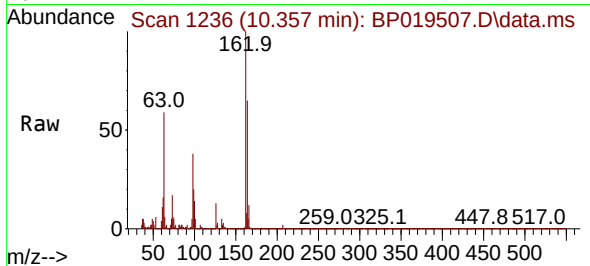
Tgt Ion: 93 Resp: 68863
Ion Ratio Lower Upper
93 100
95 33.9 26.2 39.4
123 10.1 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 9.947 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

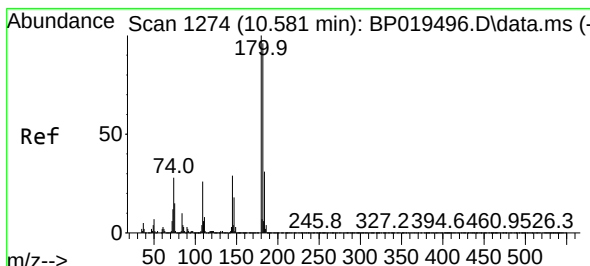
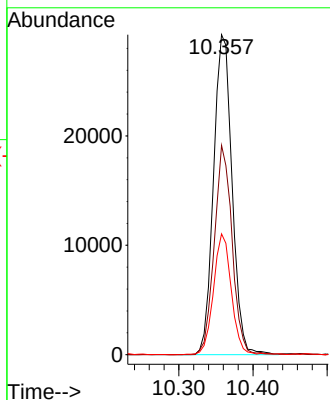
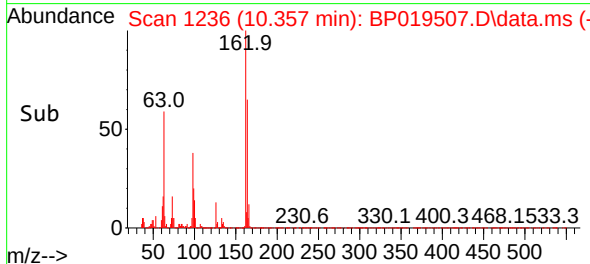
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:162 Resp: 50770
Ion Ratio Lower Upper
162 100
164 65.4 46.0 86.0
98 37.7 18.7 58.7

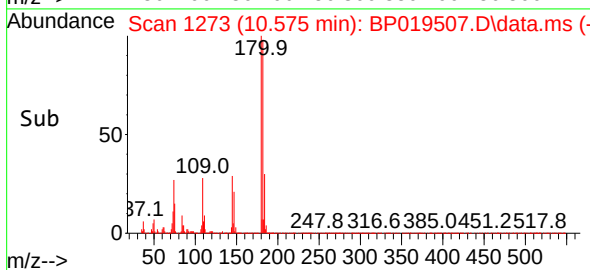
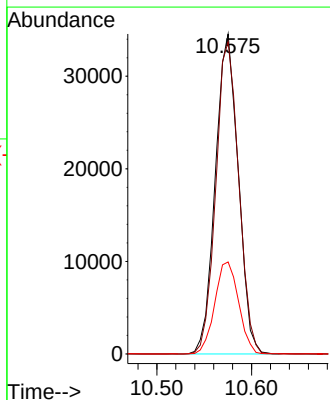
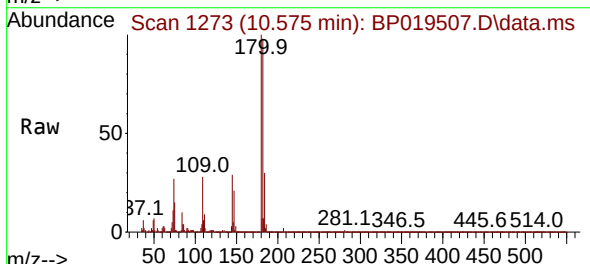
Manual Integrations
APPROVED

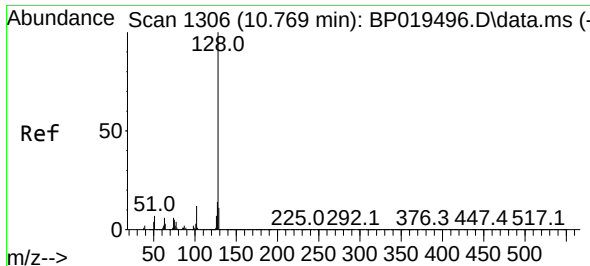
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 9.285 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

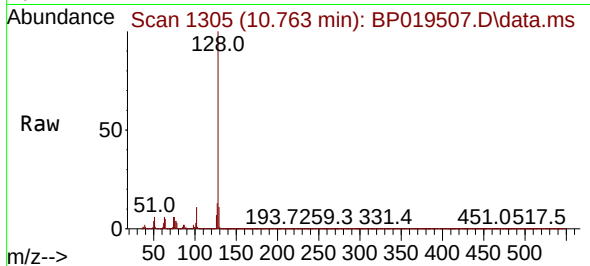
Tgt Ion:180 Resp: 58116
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.6
145 28.8 23.2 34.8





#31
Naphthalene
Concen: 9.704 ng
RT: 10.763 min Scan# 1170
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

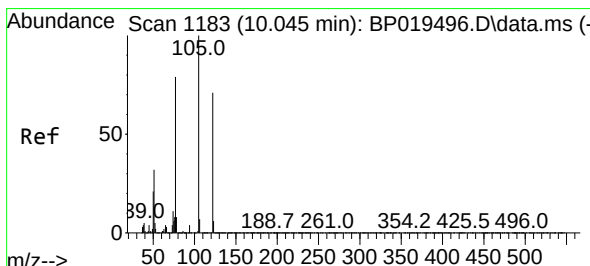
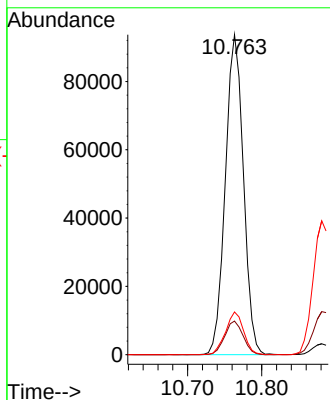
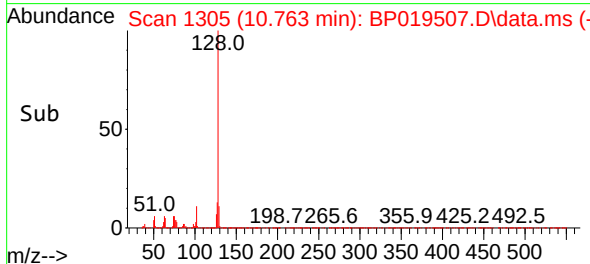
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:128 Resp: 158640
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.3 10.8 16.2

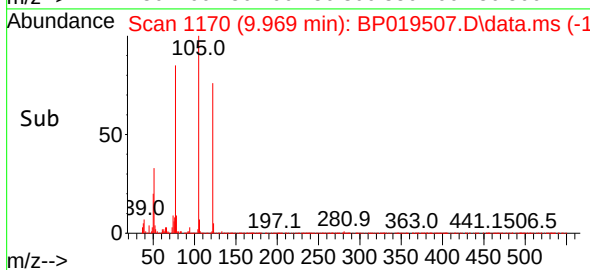
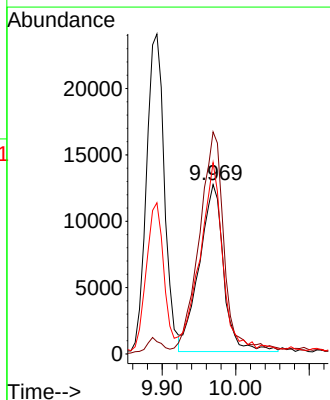
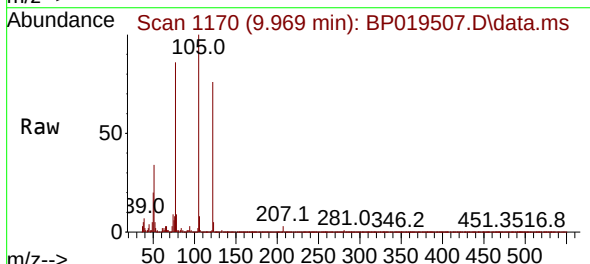
Manual Integrations
APPROVED

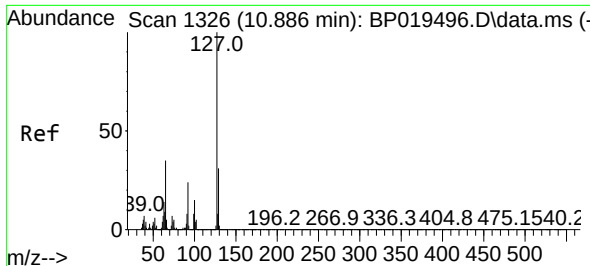
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#32
Benzoic acid
Concen: 8.782 ng m
RT: 9.969 min Scan# 1170
Delta R.T. -0.076 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:122 Resp: 28894
Ion Ratio Lower Upper
122 100
105 131.1 118.8 158.8
77 112.9 91.7 131.7





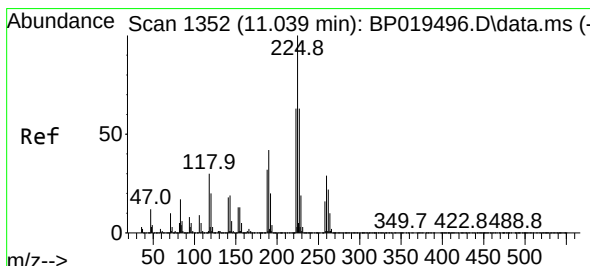
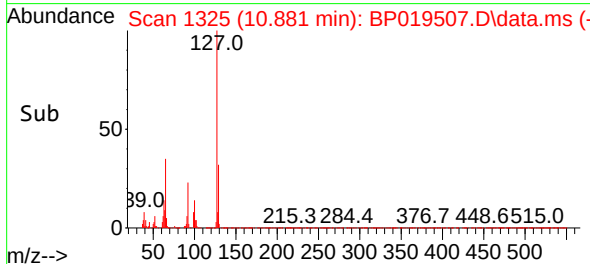
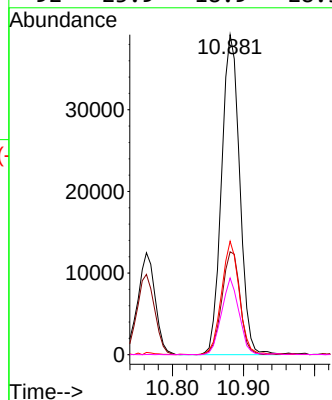
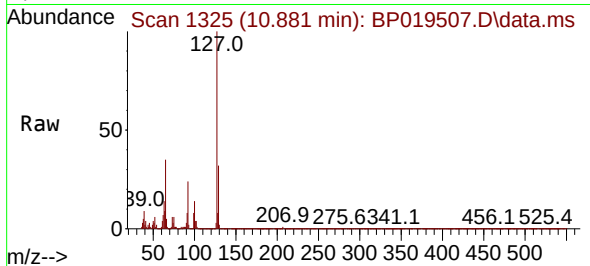
#33
4-Chloroaniline
Concen: 11.460 ng
RT: 10.881 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:	127	Resp:	6928
Ion Ratio	Lower	Upper	
127	100		
129	32.2	24.6	36.8
65	35.4	28.2	42.4
92	23.9	18.9	28.3

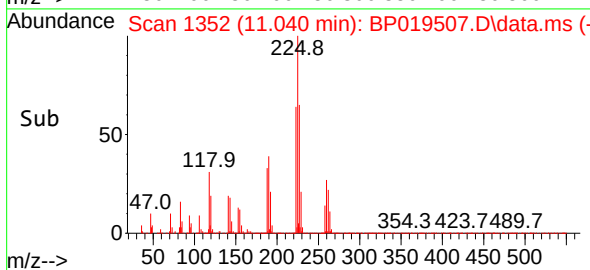
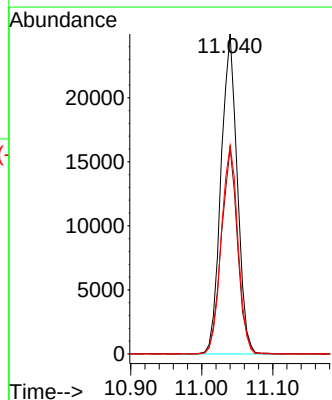
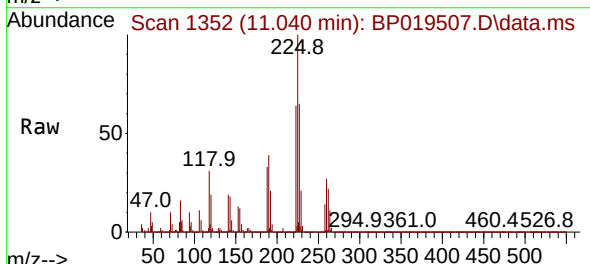
Manual Integrations
APPROVED

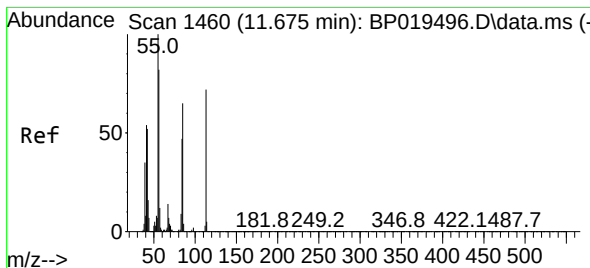
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#34
Hexachlorobutadiene
Concen: 8.516 ng
RT: 11.040 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

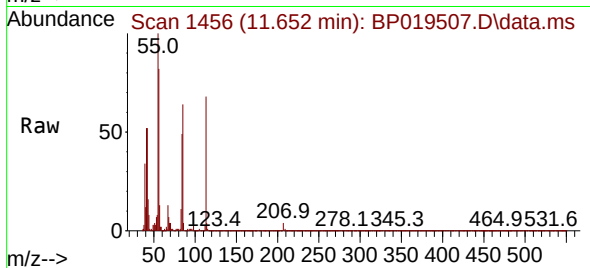
Tgt Ion:	225	Resp:	39498
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.5	75.7
227	65.1	50.2	75.2





#35
Caprolactam
Concen: 12.248 ng
RT: 11.652 min Scan# 1460
Delta R.T. -0.023 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

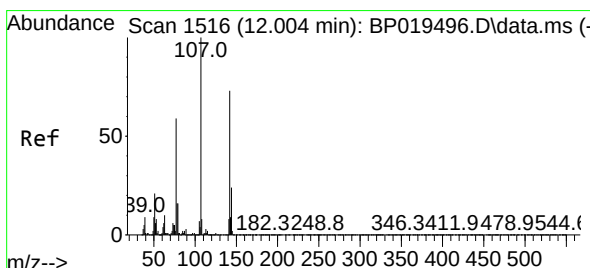
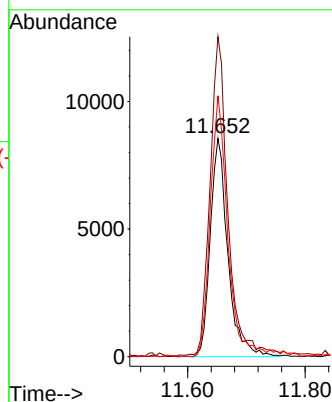
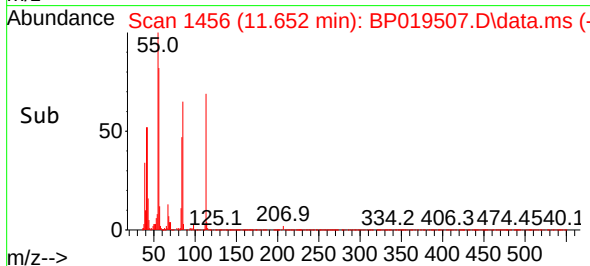
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



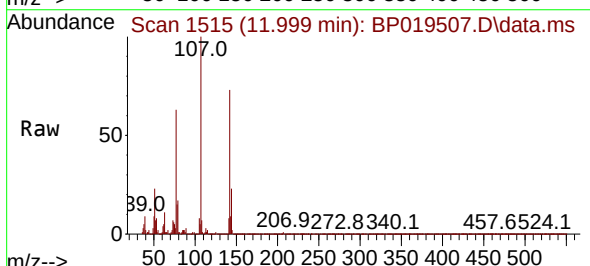
Tgt Ion:113 Resp: 17699
Ion Ratio Lower Upper
113 100
55 146.6 120.0 160.0
56 119.5 94.0 134.0

Manual Integrations
APPROVED

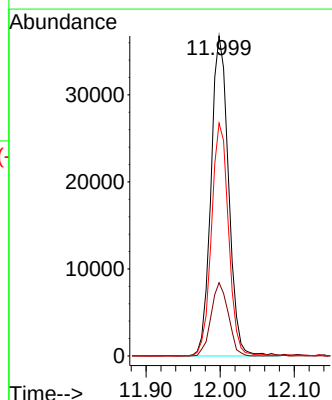
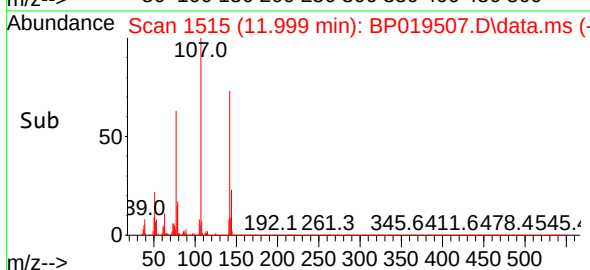
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

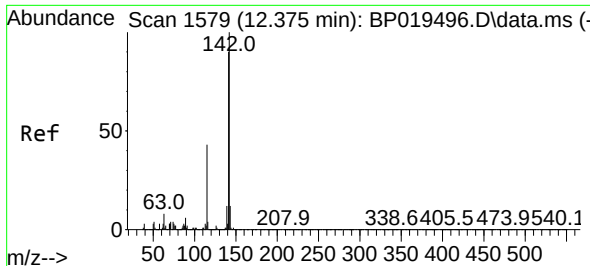


#36
4-Chloro-3-methylphenol
Concen: 10.855 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



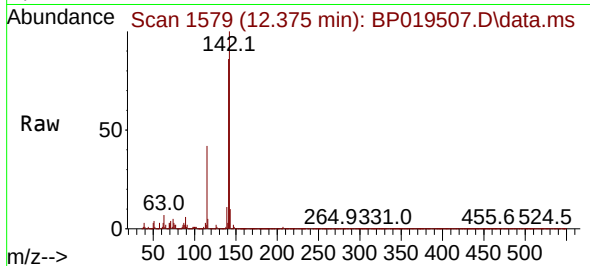
Tgt Ion:107 Resp: 60422
Ion Ratio Lower Upper
107 100
144 22.9 19.0 28.4
142 72.7 58.6 88.0





#37
2-Methylnaphthalene
Concen: 10.137 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

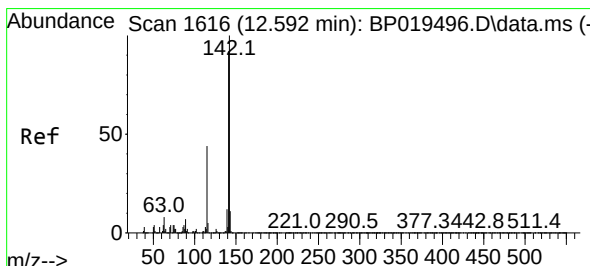
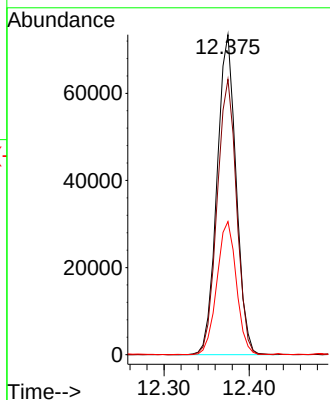
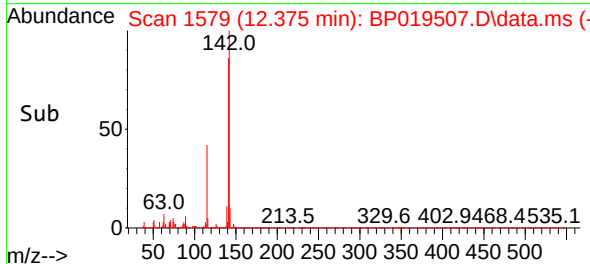
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



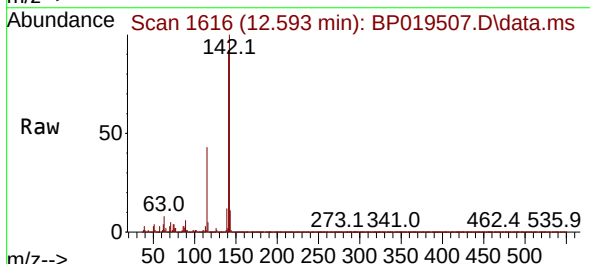
Tgt Ion:142 Resp: 114689
Ion Ratio Lower Upper
142 100
141 86.1 72.2 108.4
115 41.6 34.2 51.2

Manual Integrations
APPROVED

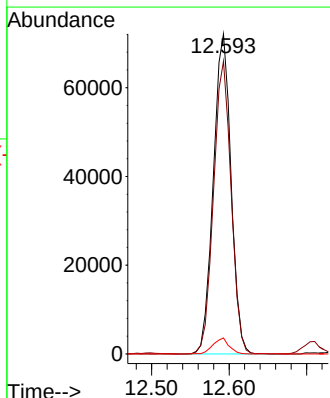
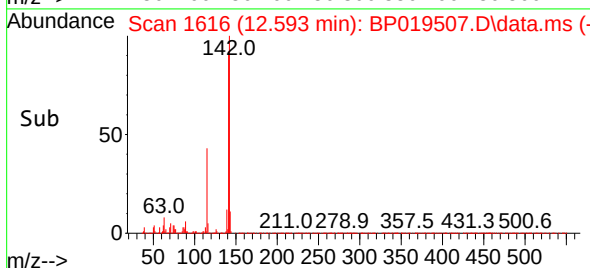
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

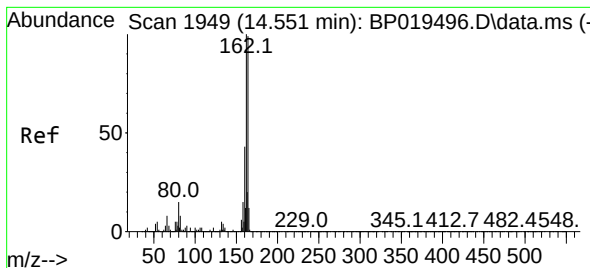


#38
1-Methylnaphthalene
Concen: 10.289 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



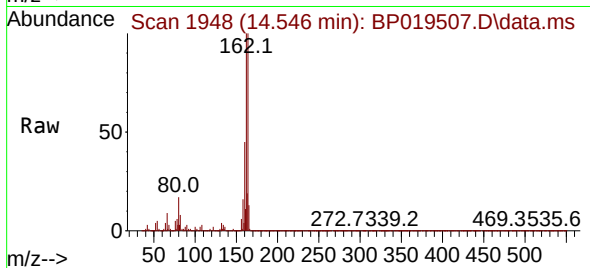
Tgt Ion:142 Resp: 114391
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0
116 5.0 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

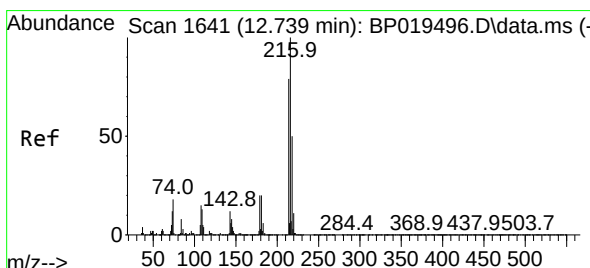
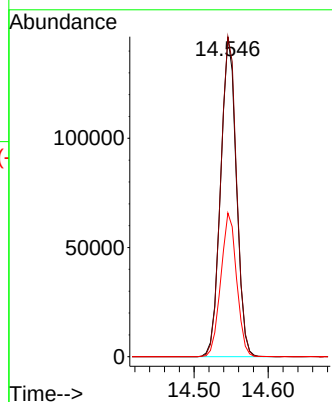
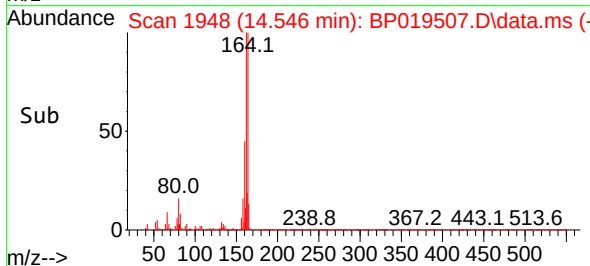
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023



Tgt Ion:164 Resp: 215500
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 45.0 35.1 52.7

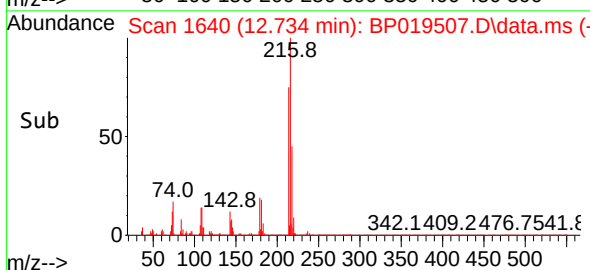
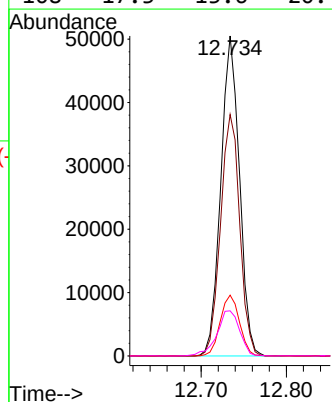
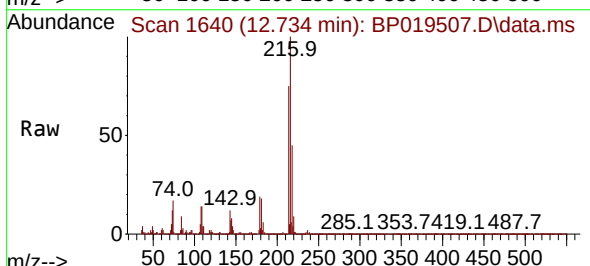
Manual Integrations
APPROVED

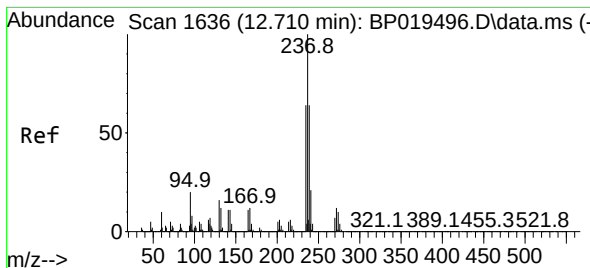
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.237 ng
RT: 12.734 min Scan# 1640
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:216 Resp: 76767
Ion Ratio Lower Upper
216 100
214 77.6 62.8 94.2
179 19.7 16.6 24.8
108 17.3 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 10.310 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

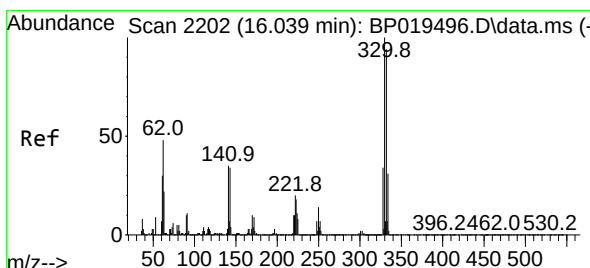
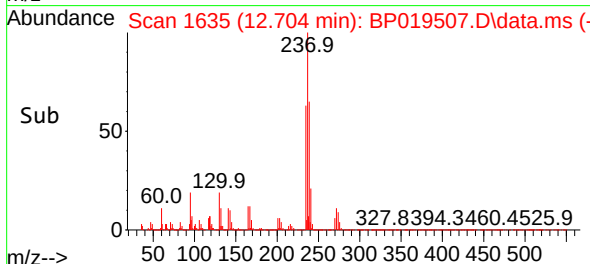
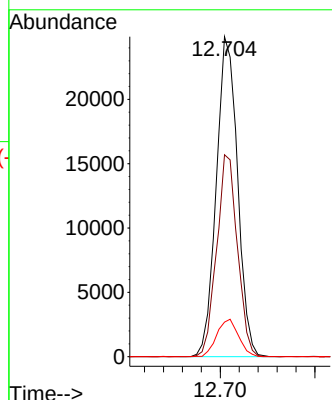
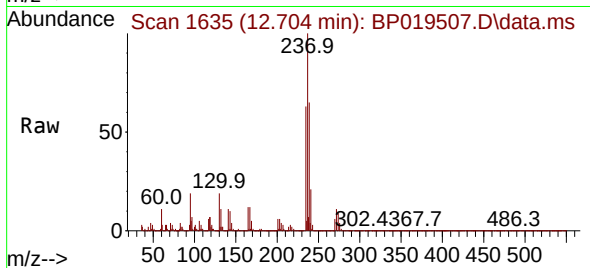
LOQ-SOIL-02-QT3-2023

Tgt Ion:	237	Resp:	38710
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.7	83.7
272	10.8	0.0	32.4

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 152.796 ng

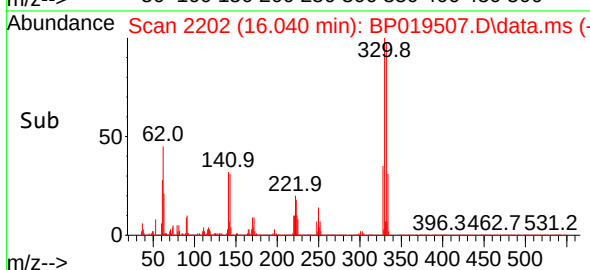
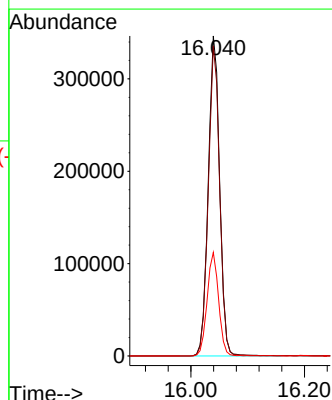
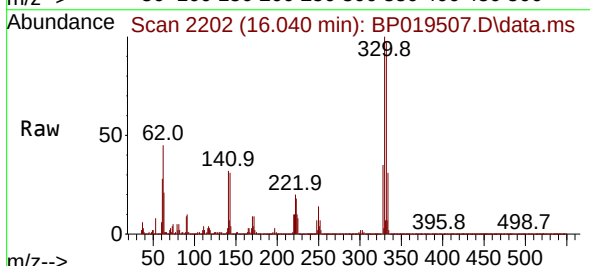
RT: 16.040 min Scan# 2202

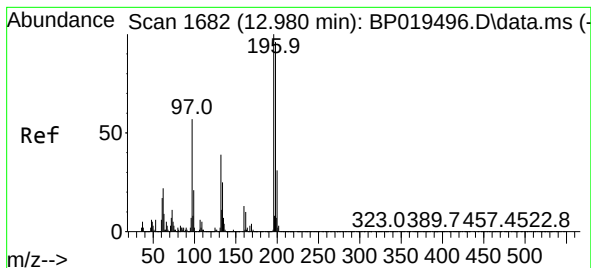
Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:	330	Resp:	480765
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.2	115.8
141	32.7	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 9.233 ng

RT: 12.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019507.D

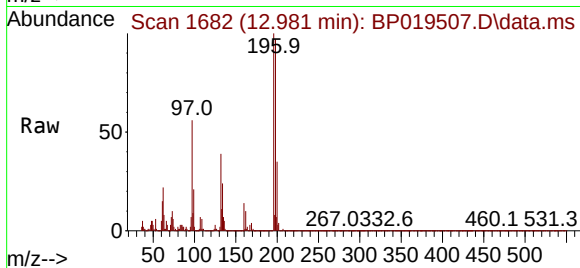
Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023



Tgt Ion:196 Resp: 4646

Ion Ratio Lower Upper

196 100

198 97.4 76.7 115.1

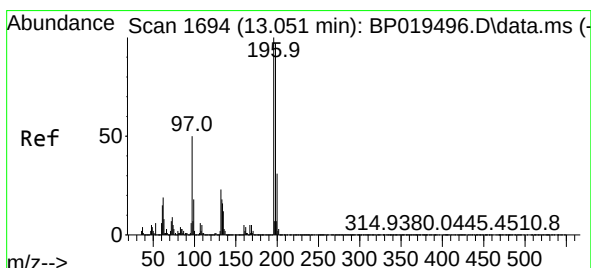
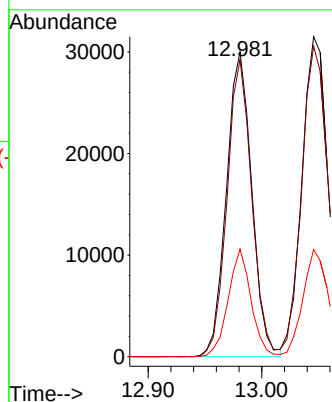
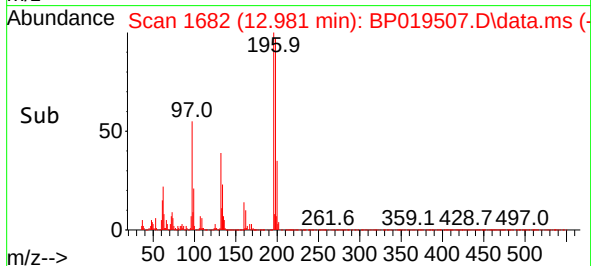
200 35.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#44

2,4,5-Trichlorophenol

Concen: 9.098 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.005 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:196 Resp: 50275

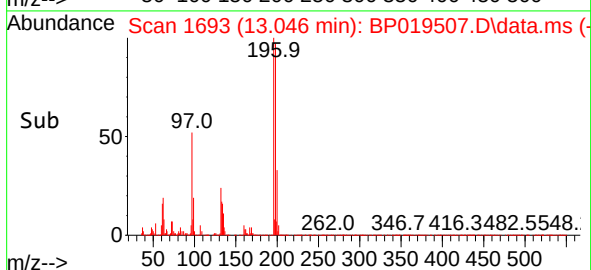
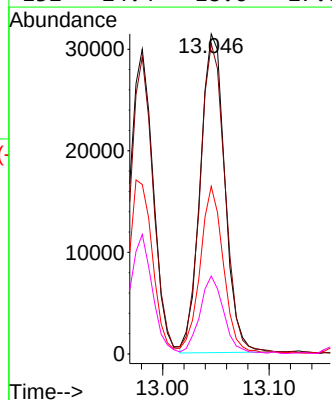
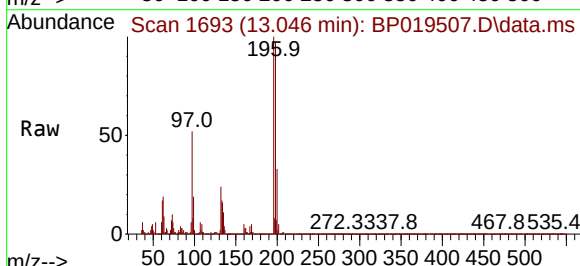
Ion Ratio Lower Upper

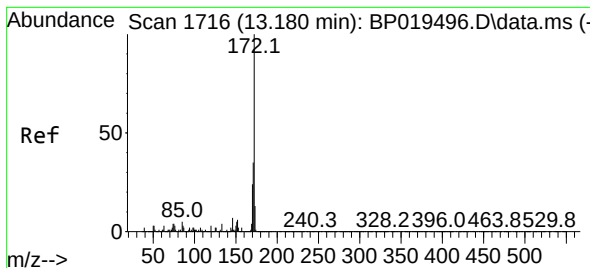
196 100

198 97.0 77.5 116.3

97 52.4 39.9 59.9

132 24.4 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 76.445 ng

RT: 13.175 min Scan# 1716

Delta R.T. -0.005 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:172 Resp: 1332594

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

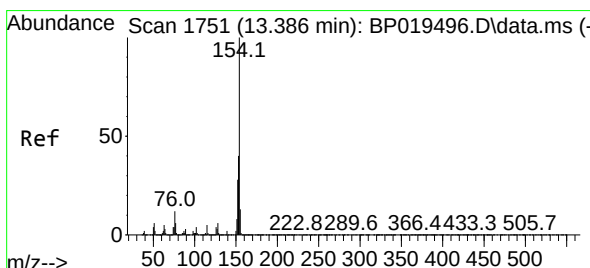
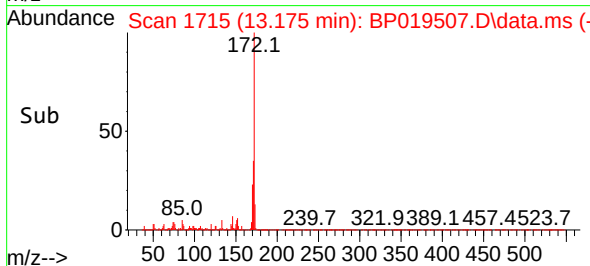
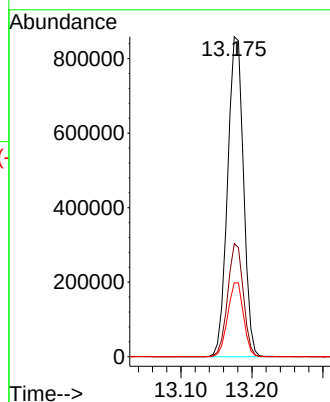
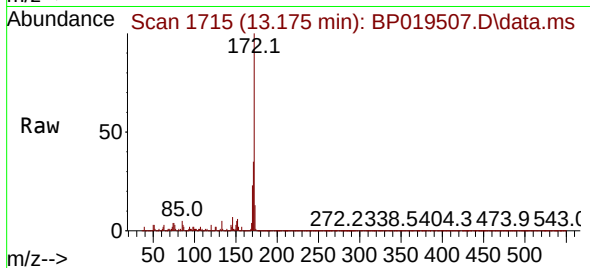
170 23.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#46

1,1'-Biphenyl

Concen: 9.590 ng

RT: 13.387 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

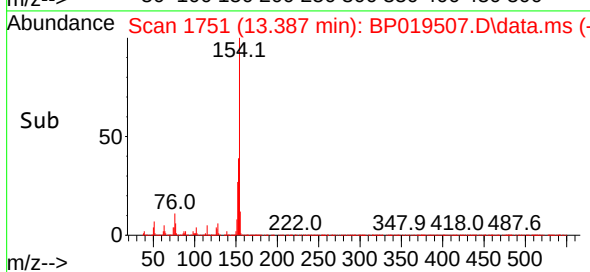
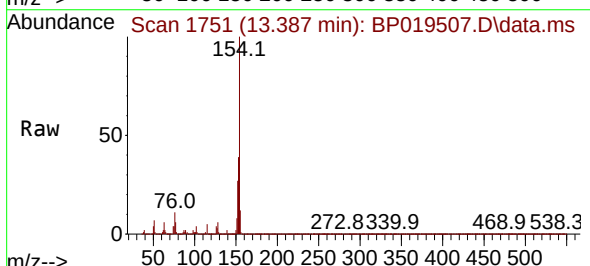
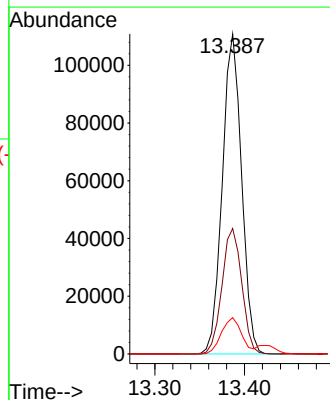
Tgt Ion:154 Resp: 164939

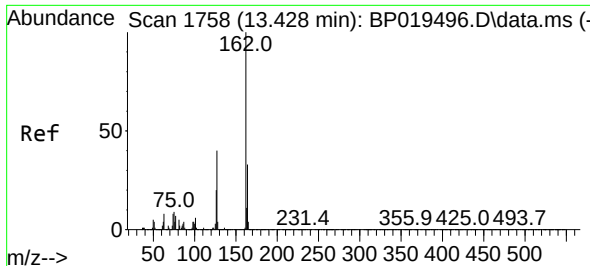
Ion Ratio Lower Upper

154 100

153 39.2 20.2 60.2

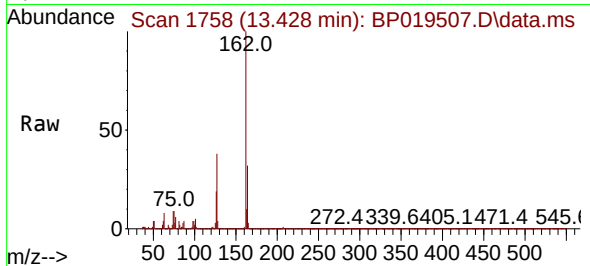
76 11.3 0.0 31.6





#47
2-Chloronaphthalene
Concen: 9.101 ng
RT: 13.428 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

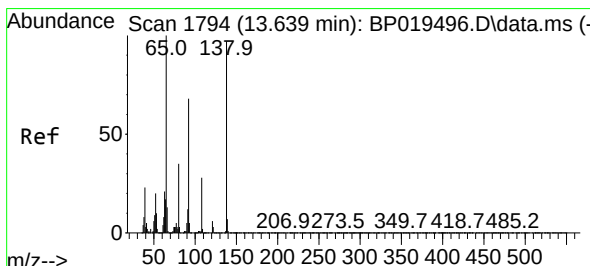
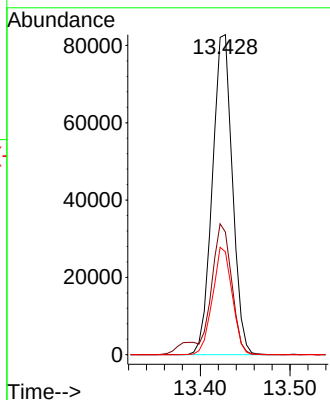
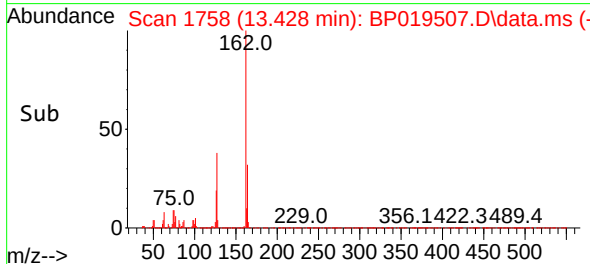
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



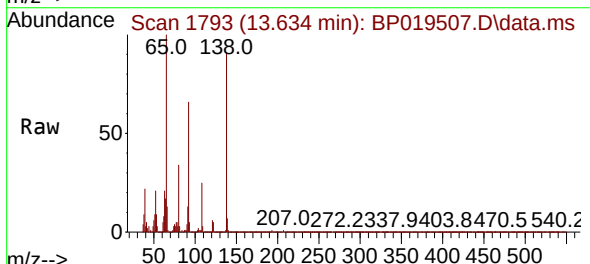
Tgt Ion:162 Resp: 128500
Ion Ratio Lower Upper
162 100
127 38.3 32.1 48.1
164 32.2 26.7 40.1

Manual Integrations
APPROVED

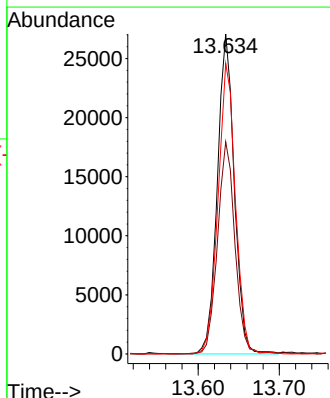
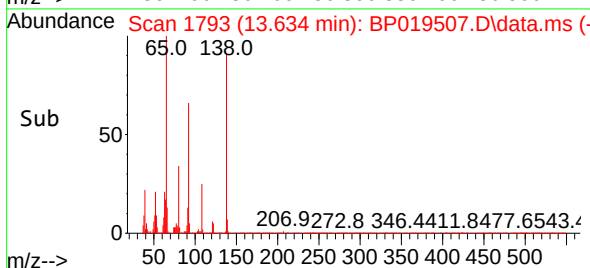
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

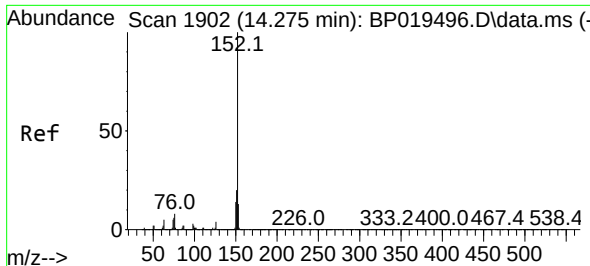


#48
2-Nitroaniline
Concen: 9.995 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



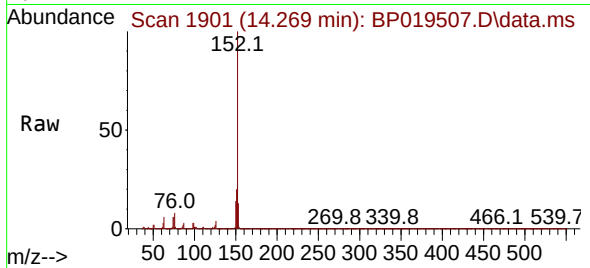
Tgt Ion: 65 Resp: 39459
Ion Ratio Lower Upper
65 100
92 66.3 54.7 82.1
138 90.8 77.8 116.6





#49
Acenaphthylene
Concen: 10.487 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

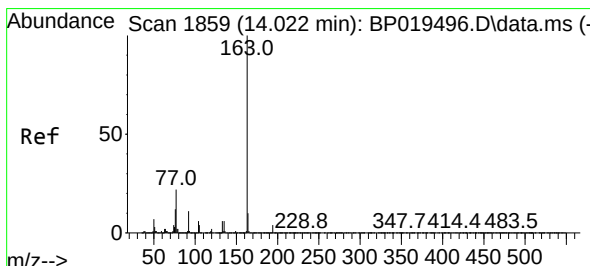
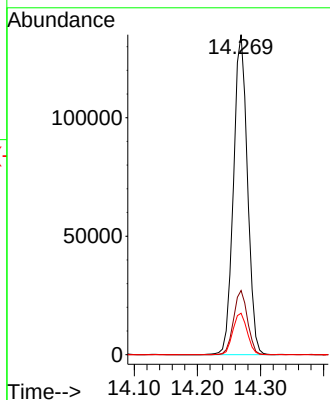
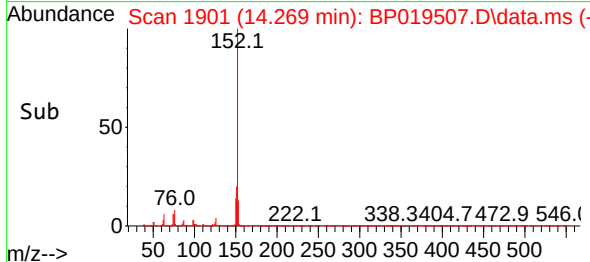
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



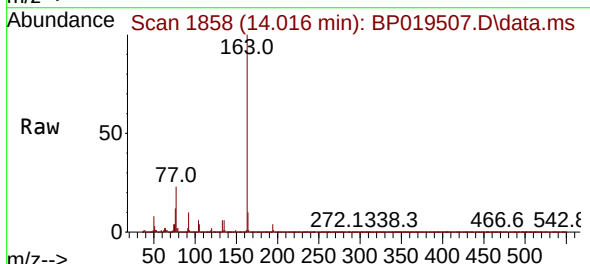
Tgt Ion:152 Resp: 207728
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 12.9 10.6 15.8

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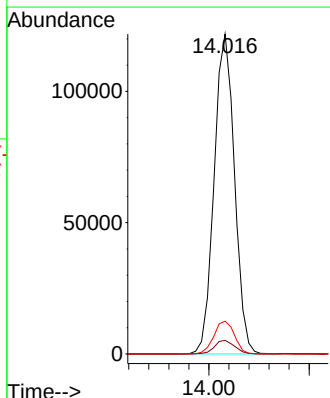
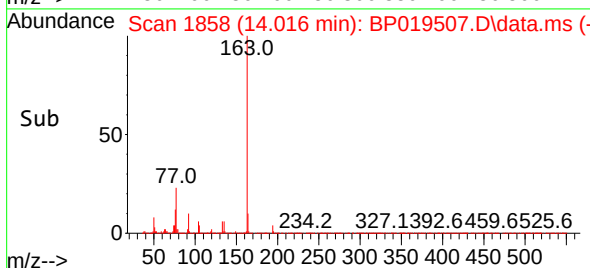
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

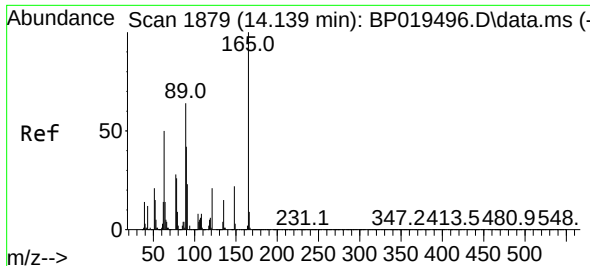


#50
Dimethylphthalate
Concen: 10.396 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



Tgt Ion:163 Resp: 171502
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 7.8 11.6





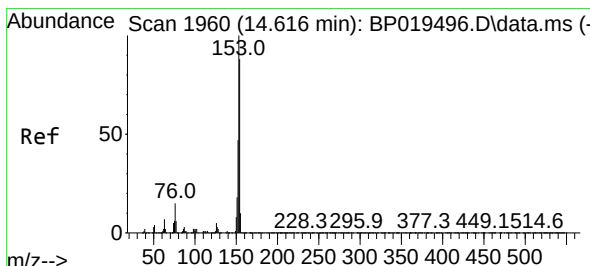
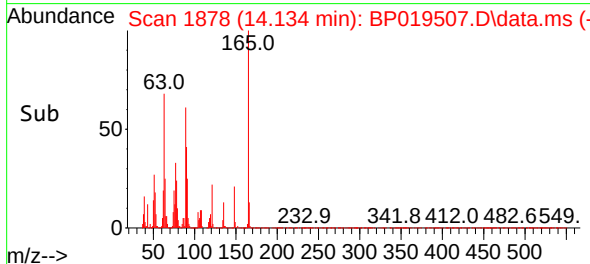
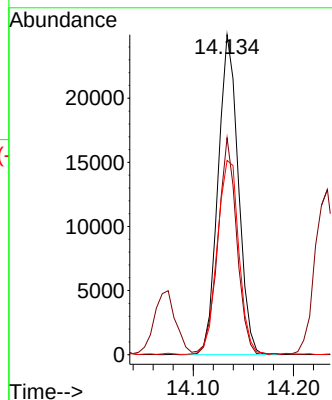
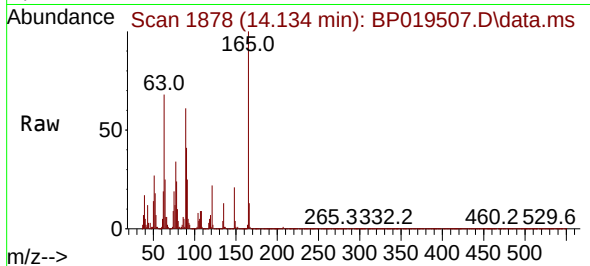
#51
2,6-Dinitrotoluene
Concen: 9.625 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:165 Resp: 3488
Ion Ratio Lower Upper
165 100
63 67.8 50.4 75.6
89 60.7 51.7 77.5

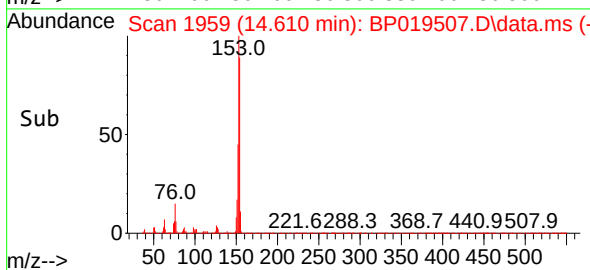
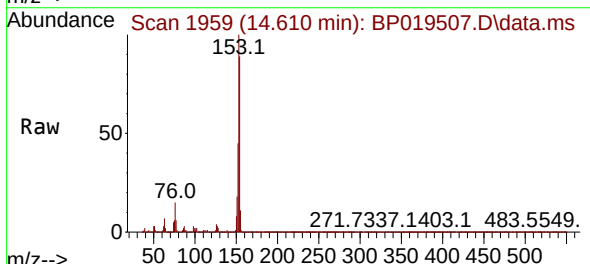
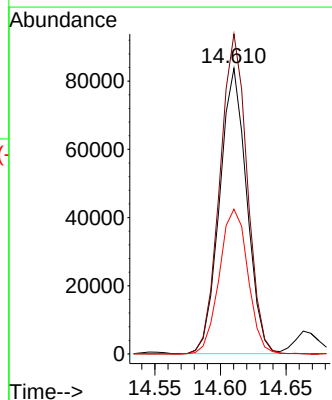
Manual Integrations
APPROVED

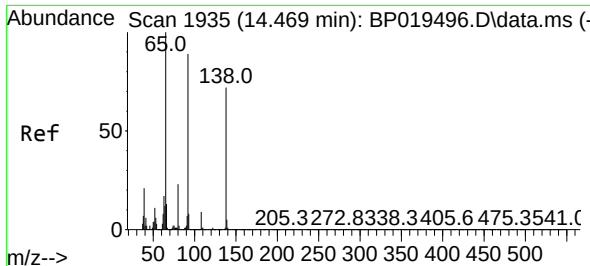
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#52
Acenaphthene
Concen: 9.774 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

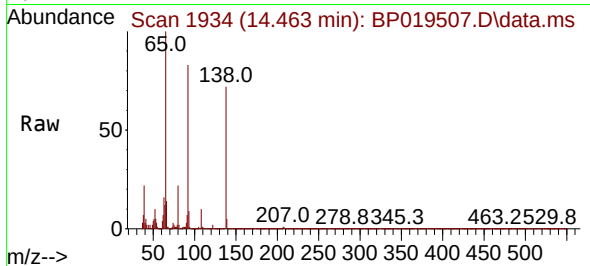
Tgt Ion:154 Resp: 120158
Ion Ratio Lower Upper
154 100
153 112.0 90.5 135.7
152 50.7 42.1 63.1





#53
3-Nitroaniline
Concen: 10.419 ng
RT: 14.463 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

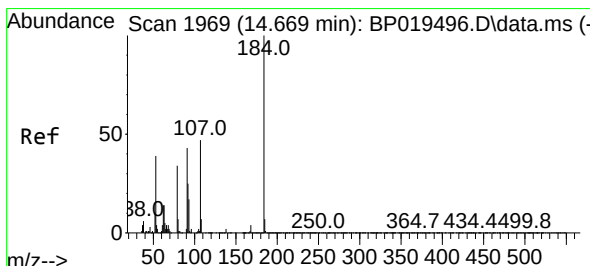
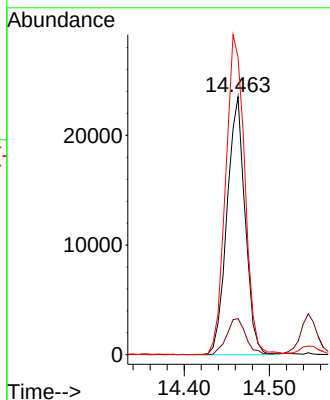
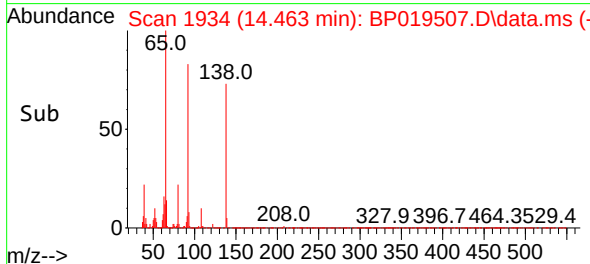
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023



Tgt Ion:138 Resp: 34700
Ion Ratio Lower Upper
138 100
108 13.9 9.7 14.5
92 115.2 98.0 147.0

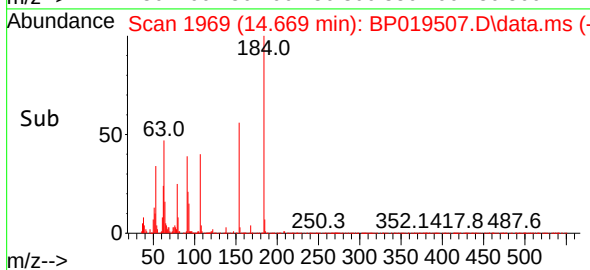
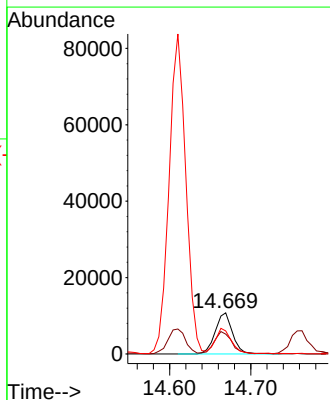
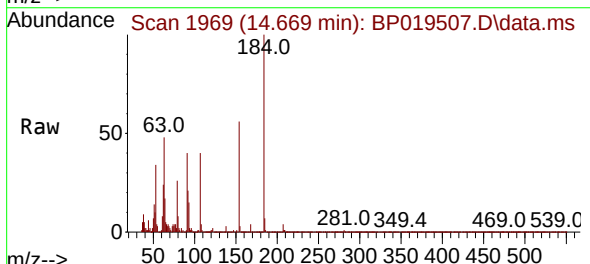
Manual Integrations
APPROVED

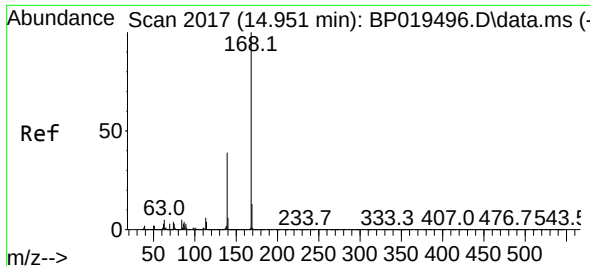
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#54
2,4-Dinitrophenol
Concen: 8.478 ng
RT: 14.669 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:184 Resp: 15954
Ion Ratio Lower Upper
184 100
63 48.0 50.5 75.7#
154 56.1 53.4 80.0





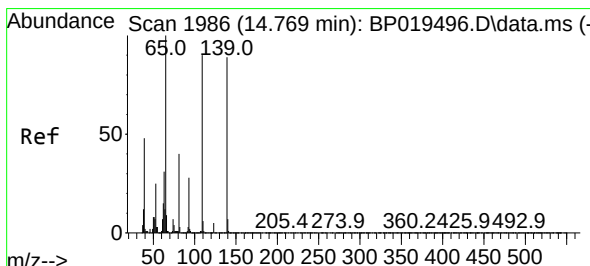
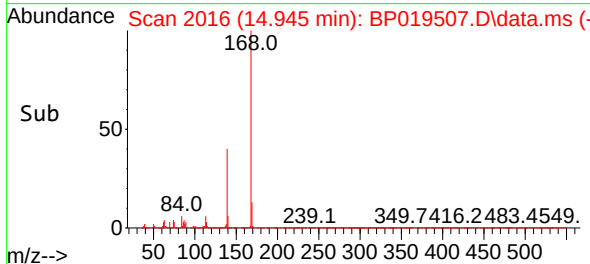
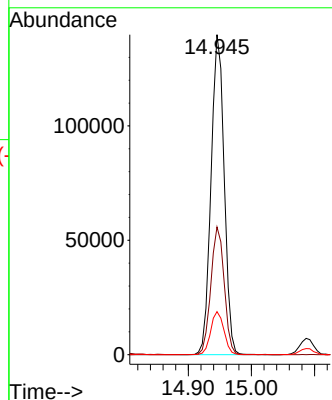
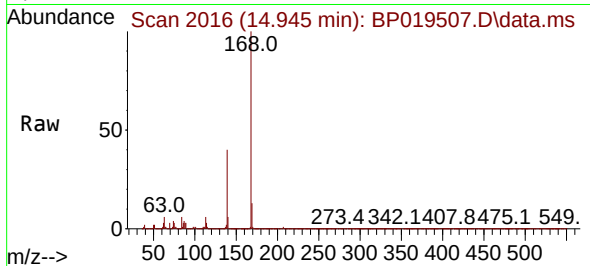
#55
Dibenzenofuran
Concen: 10.081 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:168 Resp: 20186
Ion Ratio Lower Upper
168 100
139 39.9 31.5 47.3
169 13.5 10.3 15.5

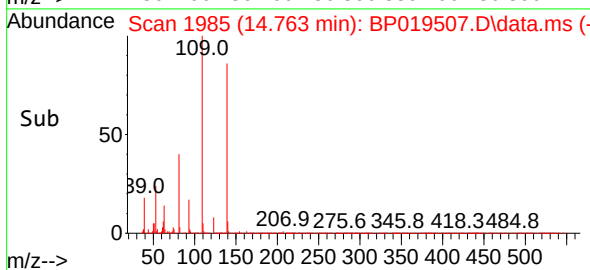
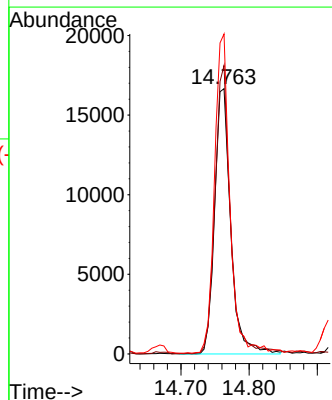
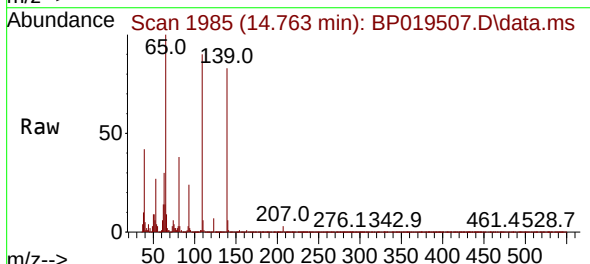
Manual Integrations
APPROVED

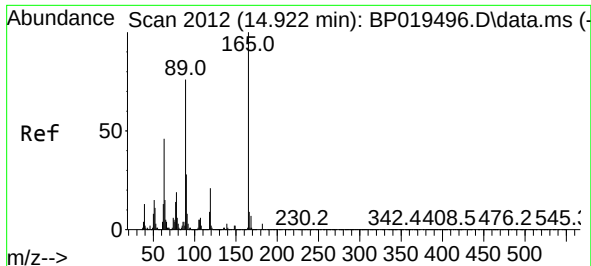
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#56
4-Nitrophenol
Concen: 10.025 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:139 Resp: 27371
Ion Ratio Lower Upper
139 100
109 108.8 82.0 122.0
65 120.7 92.9 132.9





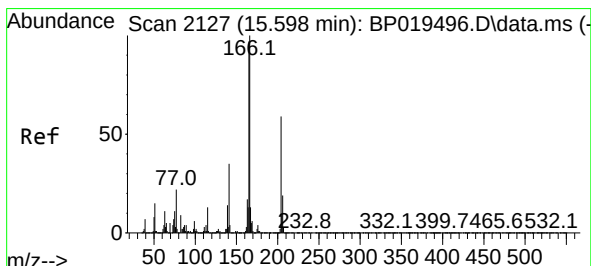
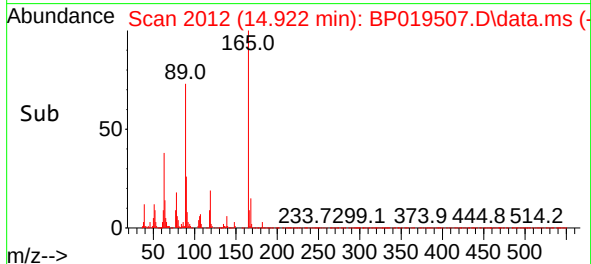
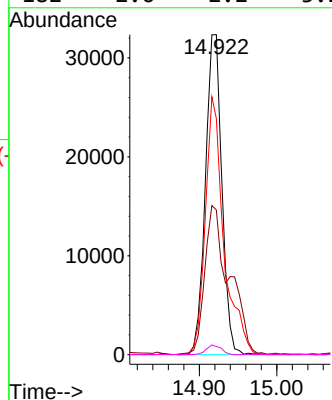
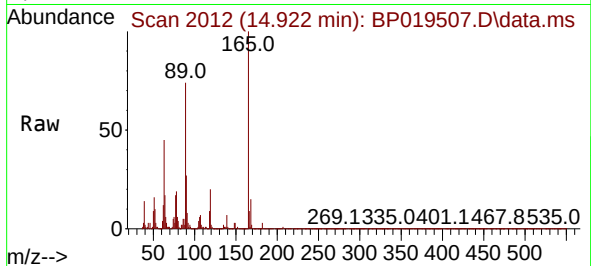
#57
2,4-Dinitrotoluene
Concen: 10.037 ng
RT: 14.922 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:	165	Resp:	47674
Ion Ratio	Lower	Upper	
165	100		
63	45.2	36.9	55.3
89	73.8	61.1	91.7
182	2.6	2.2	3.2

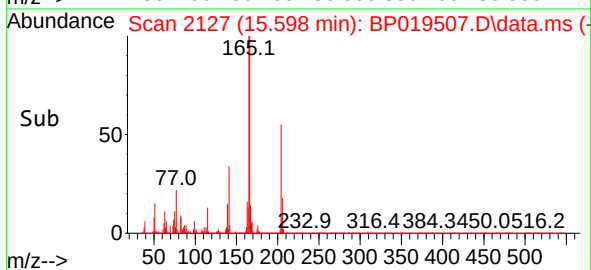
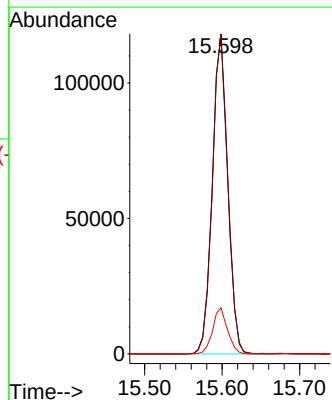
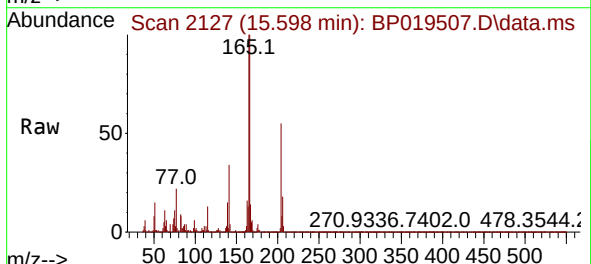
Manual Integrations
APPROVED

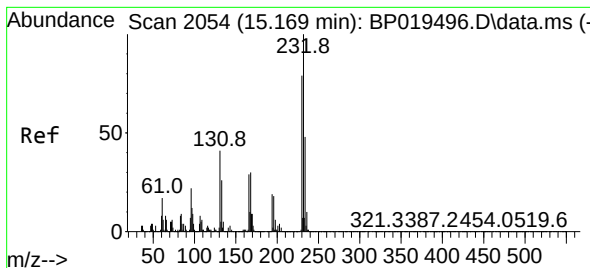
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#58
Fluorene
Concen: 10.217 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

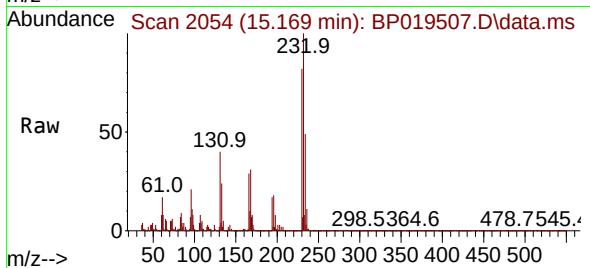
Tgt Ion:	166	Resp:	162946
Ion Ratio	Lower	Upper	
166	100		
165	100.4	77.8	116.8
167	14.5	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.201 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

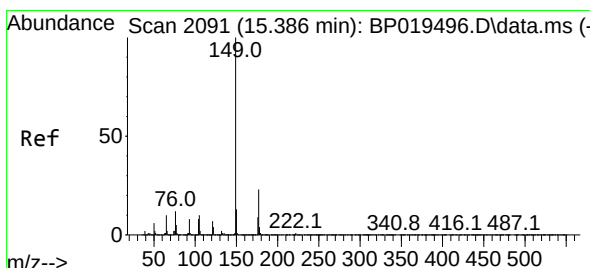
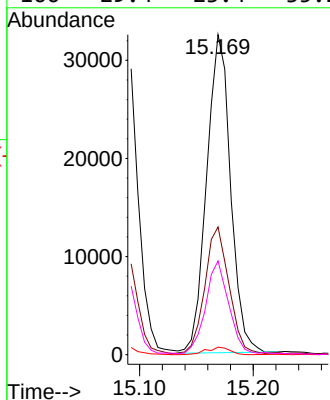
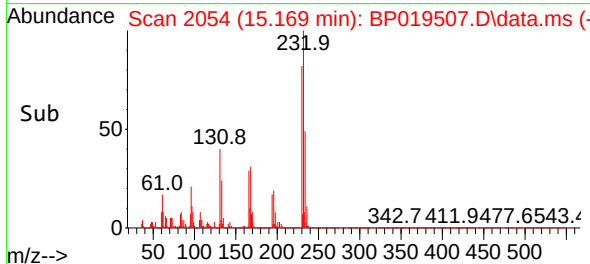
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



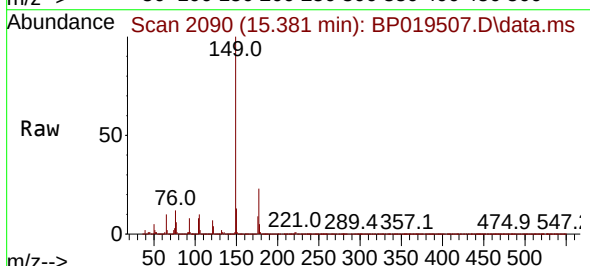
Tgt Ion:232 Resp: 47410
Ion Ratio Lower Upper
232 100
131 40.3 32.4 48.6
130 2.3 1.9 2.9
166 29.4 23.4 35.2

Manual Integrations
APPROVED

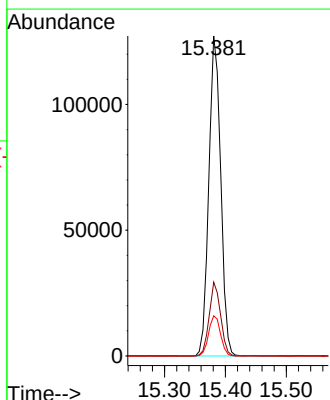
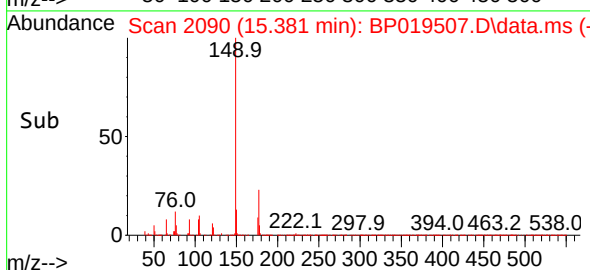
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

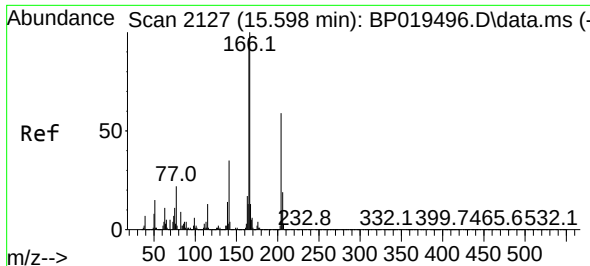


#60
Diethylphthalate
Concen: 10.496 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



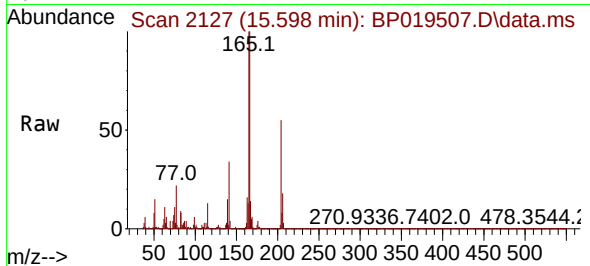
Tgt Ion:149 Resp: 172227
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 9.888 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

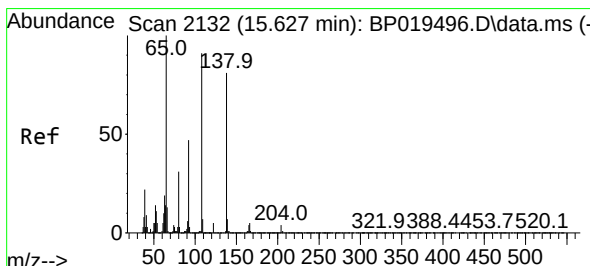
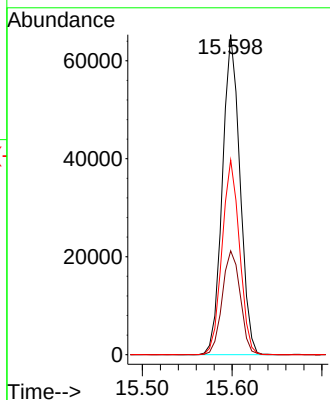
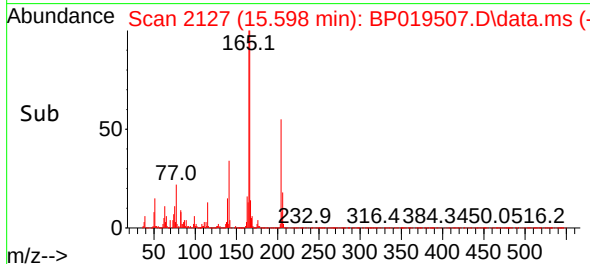
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:204 Resp: 8863
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.8 48.5 72.7

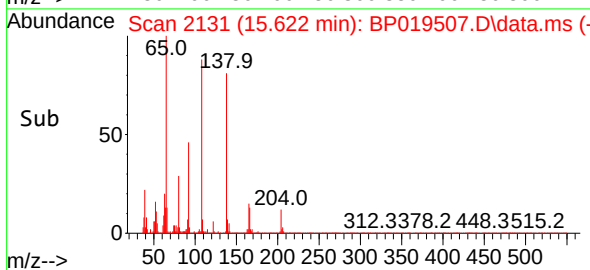
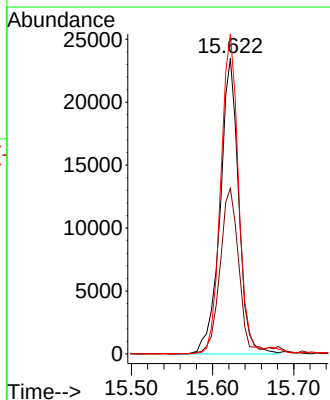
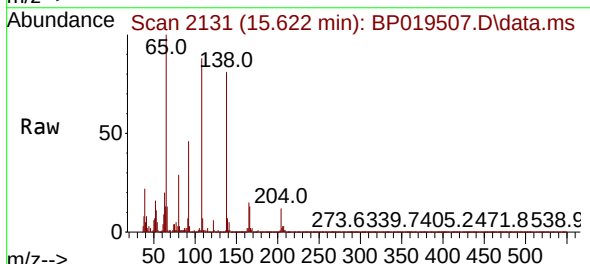
Manual Integrations
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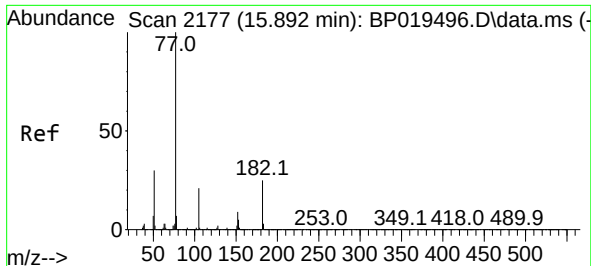
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#62
4-Nitroaniline
Concen: 10.663 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

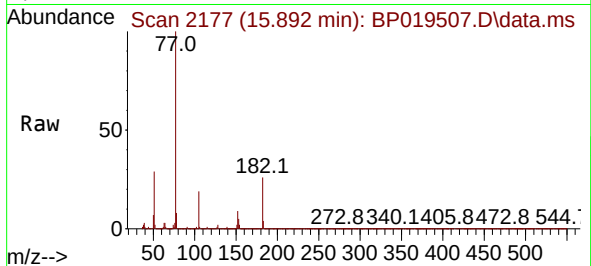
Tgt Ion:138 Resp: 37230
Ion Ratio Lower Upper
138 100
92 56.1 38.3 78.3
108 108.3 91.2 131.2





#63
Azobenzene
Concen: 10.194 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

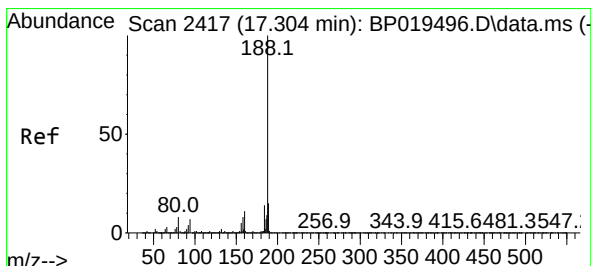
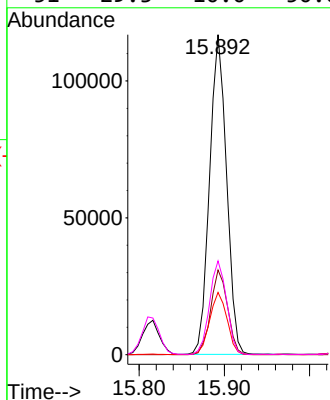
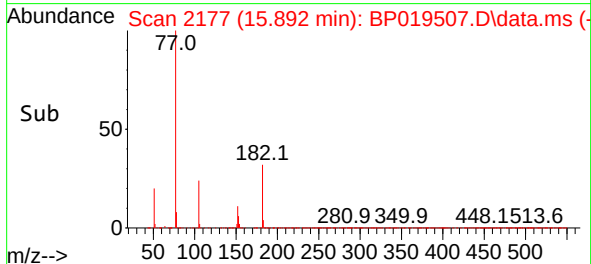
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



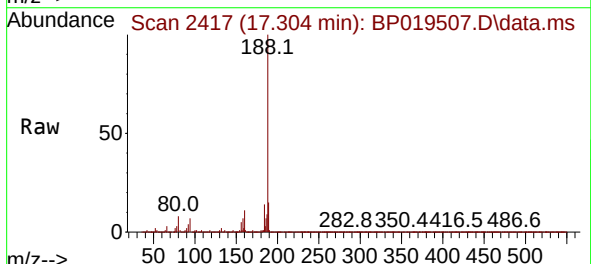
Tgt Ion: 77 Resp: 161750
Ion Ratio Lower Upper
77 100
182 26.5 5.1 45.1
105 19.4 0.8 40.8
51 29.3 10.0 50.0

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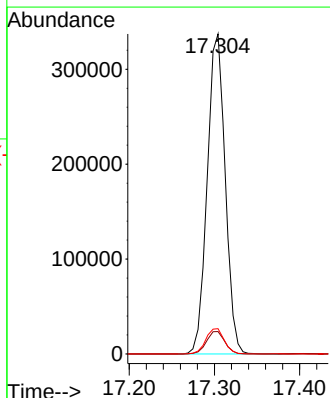
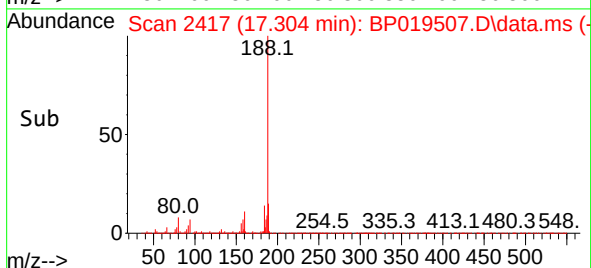
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

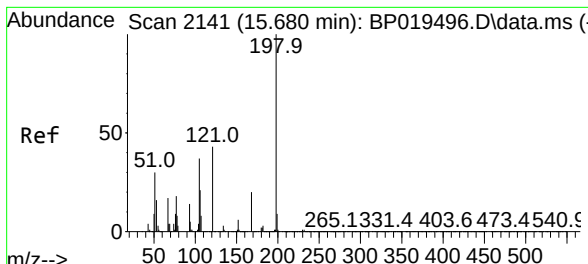


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



Tgt Ion:188 Resp: 495453
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 7.9 6.3 9.5





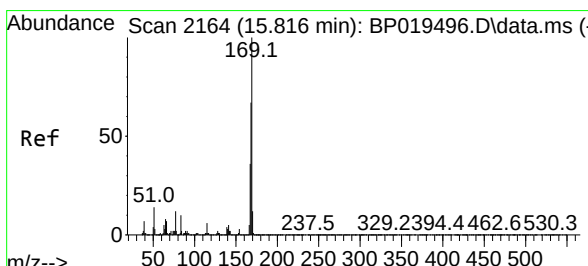
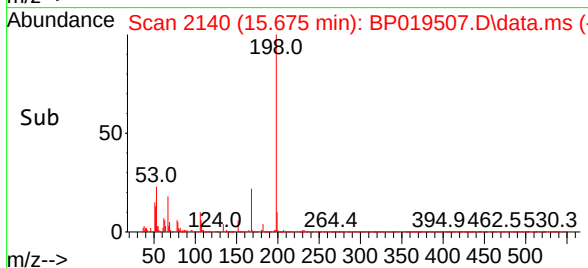
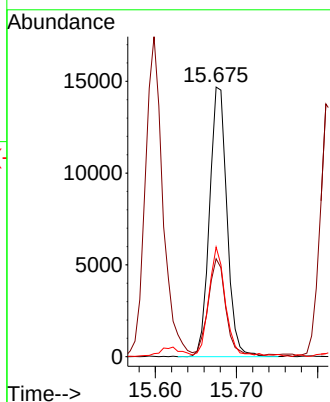
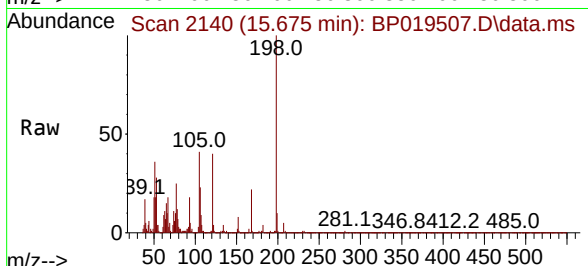
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.730 ng
 RT: 15.675 min Scan# 2140
 Delta R.T. -0.006 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion:	198	Resp:	21839
Ion	Ratio	Lower	Upper
198	100		
51	36.3	21.2	61.2
105	40.7	19.1	59.1

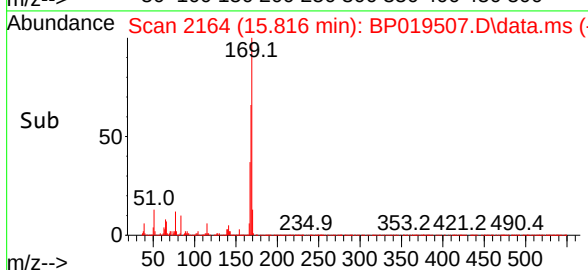
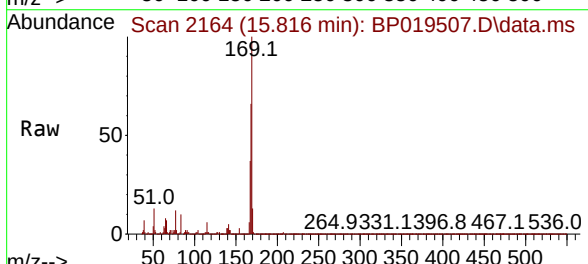
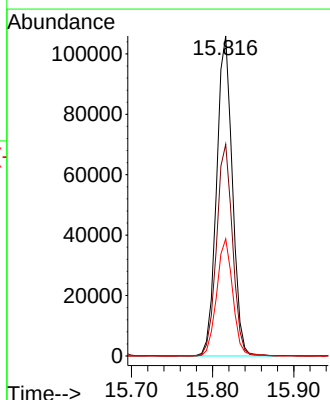
Manual Integrations
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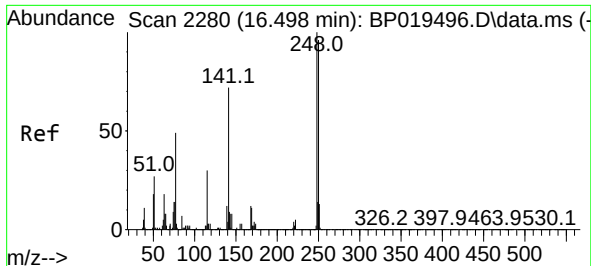
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#66
 n-Nitrosodiphenylamine
 Concen: 9.634 ng
 RT: 15.816 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Tgt Ion:	169	Resp:	142950
Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.4	80.2
167	36.6	28.9	43.3





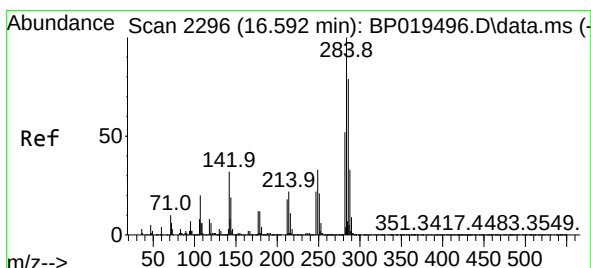
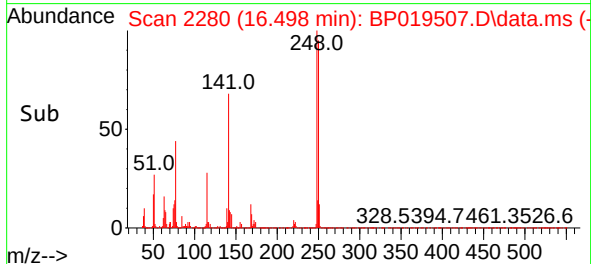
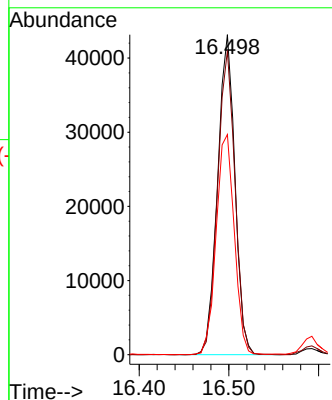
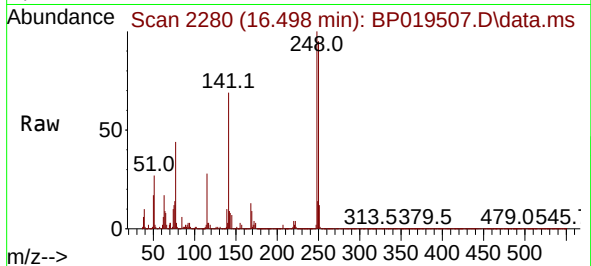
#67
4-Bromophenyl-phenylether
Concen: 9.334 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Tgt Ion:248 Resp: 57814
Ion Ratio Lower Upper
248 100
250 95.0 76.9 115.3
141 68.8 58.0 87.0

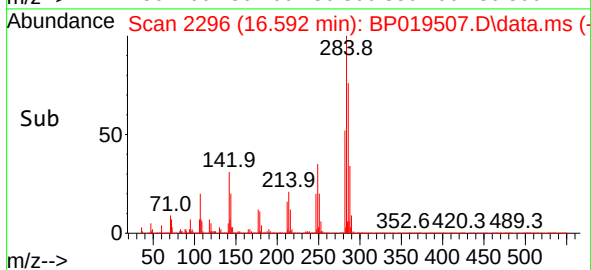
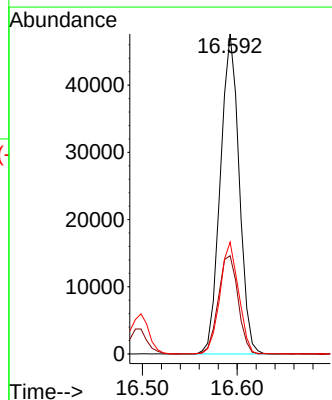
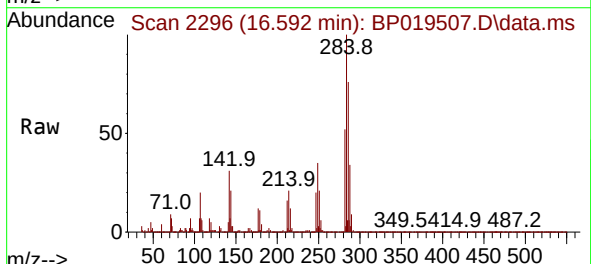
Manual Integrations
APPROVED

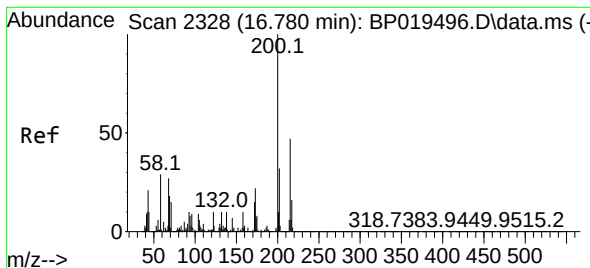
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#68
Hexachlorobenzene
Concen: 9.082 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

Tgt Ion:284 Resp: 65688
Ion Ratio Lower Upper
284 100
142 30.7 25.4 38.2
249 34.9 26.5 39.7





#69

Atrazine

Concen: 11.739 ng

RT: 16.775 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

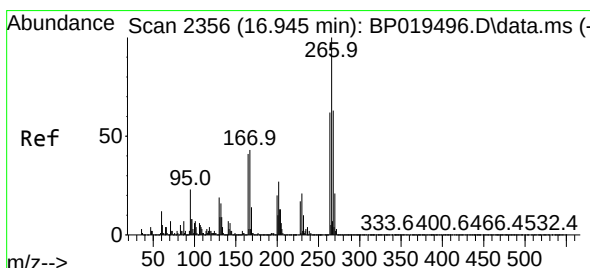
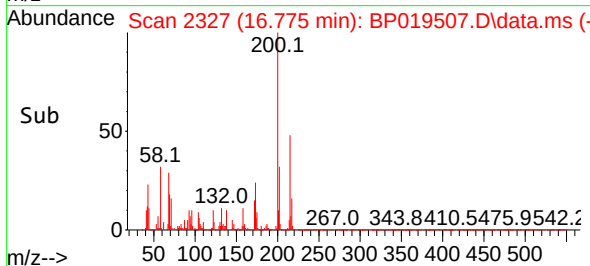
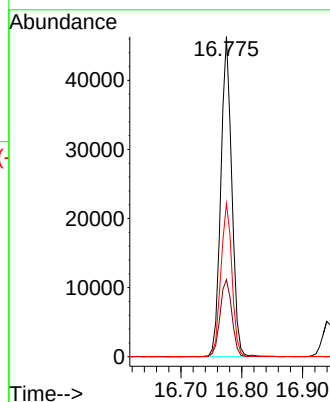
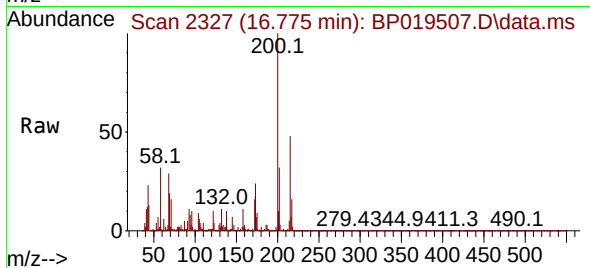
LOQ-SOIL-02-QT3-2023

Tgt Ion:200 Resp: 57802
 Ion Ratio Lower Upper
 200 100
 173 24.0 1.7 41.7
 215 47.9 26.9 66.9

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 7.880 ng

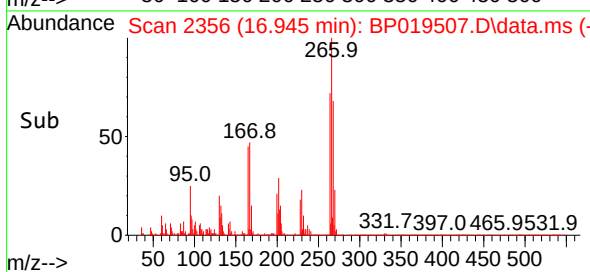
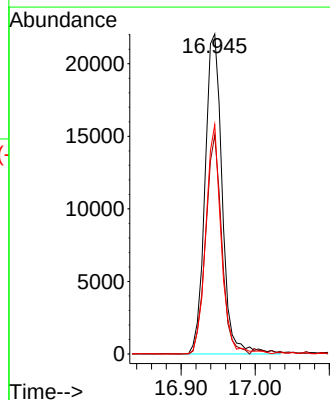
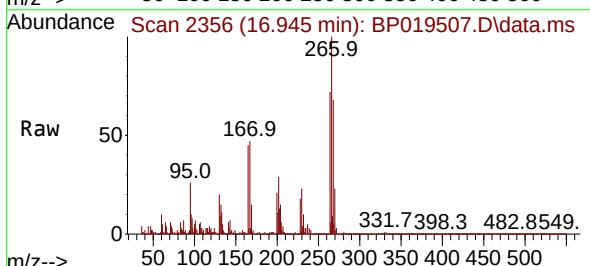
RT: 16.945 min Scan# 2356

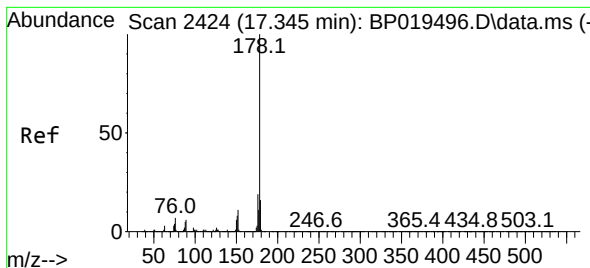
Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:266 Resp: 35495
 Ion Ratio Lower Upper
 266 100
 268 68.5 50.3 75.5
 264 71.7 49.7 74.5





#71

Phenanthrene

Concen: 10.253 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

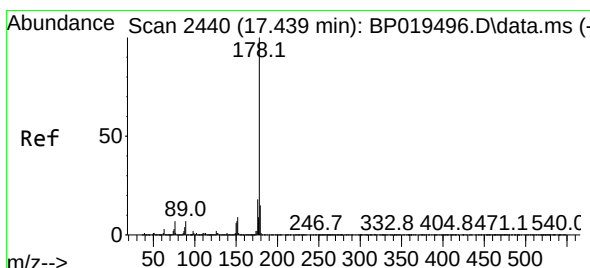
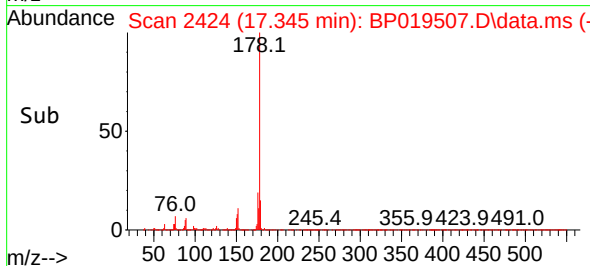
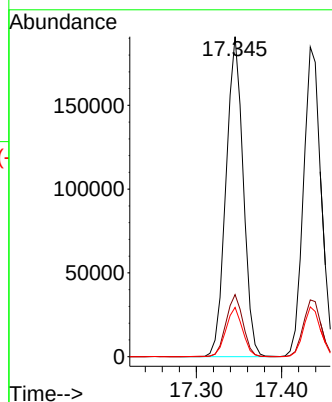
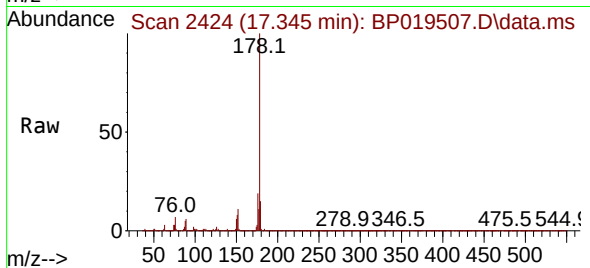
Tgt Ion:178 Resp: 26733

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.6	19.0

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 10.193 ng

RT: 17.434 min Scan# 2439

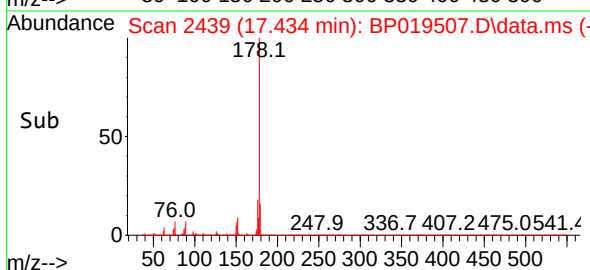
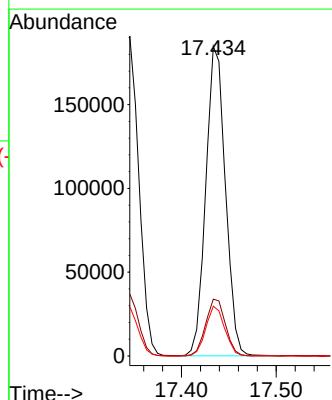
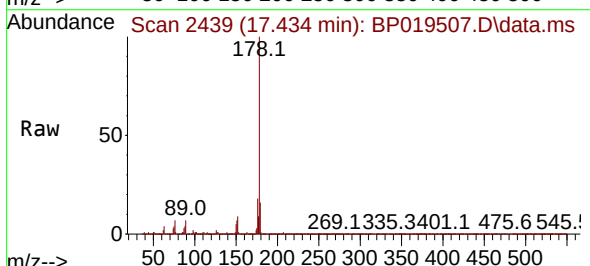
Delta R.T. -0.005 min

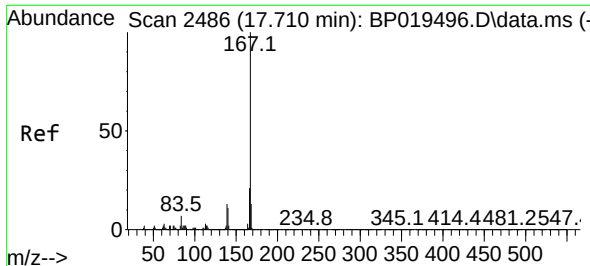
Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:178 Resp: 265116

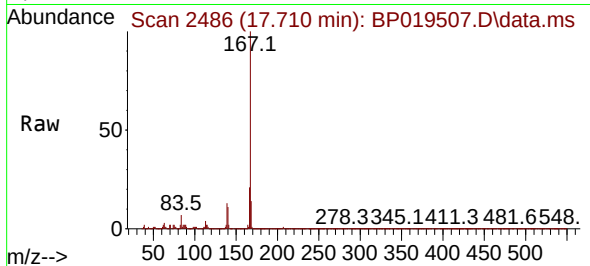
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	16.0	12.2	18.2





#73
 Carbazole
 Concen: 9.910 ng
 RT: 17.710 min Scan# 2486
 Delta R.T. 0.000 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

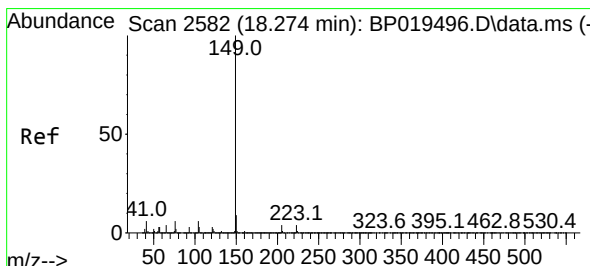
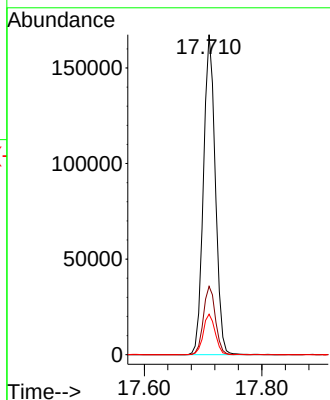
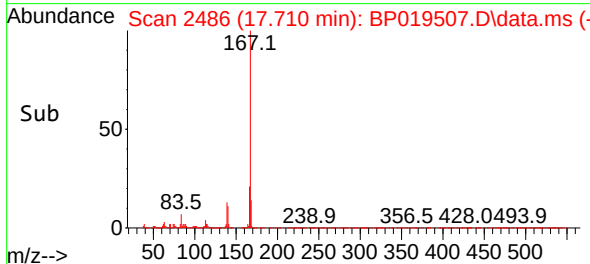
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



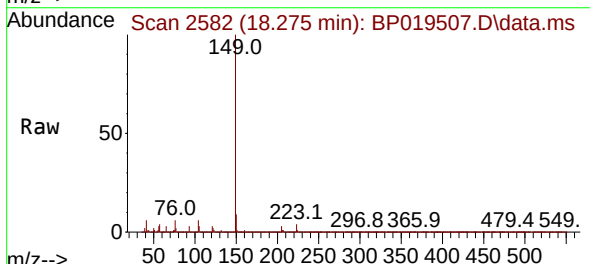
Tgt Ion:167 Resp: 234159
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.6 10.6 15.8

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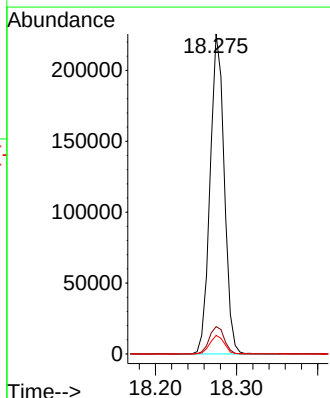
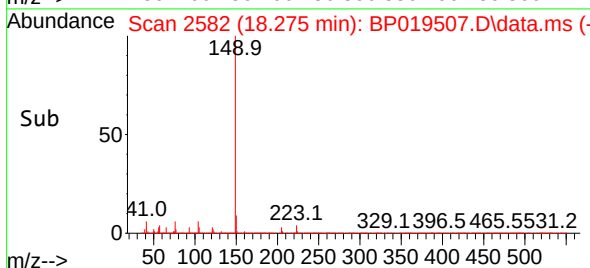
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

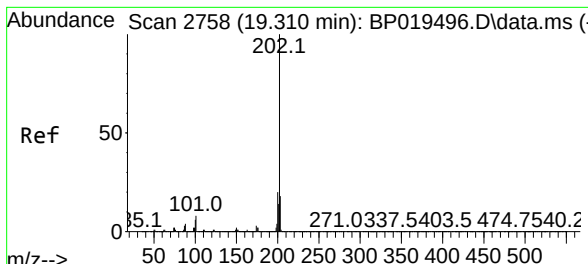


#74
 Di-n-butylphthalate
 Concen: 9.557 ng
 RT: 18.275 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23



Tgt Ion:149 Resp: 273052
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.3 10.9
 104 5.8 4.8 7.2



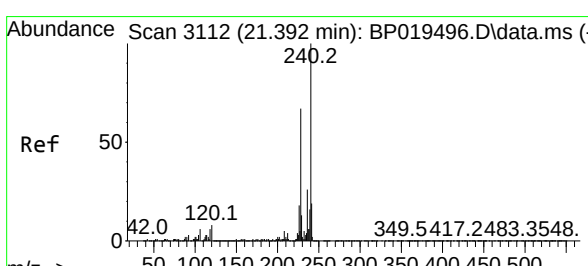
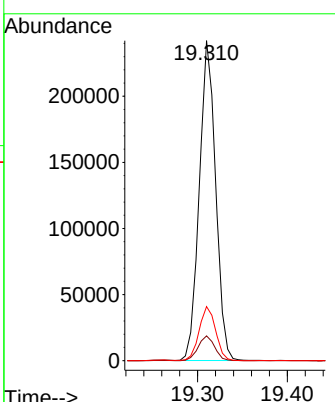
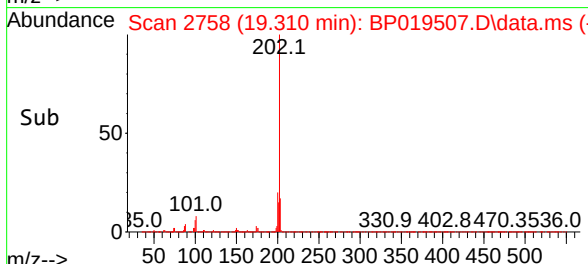
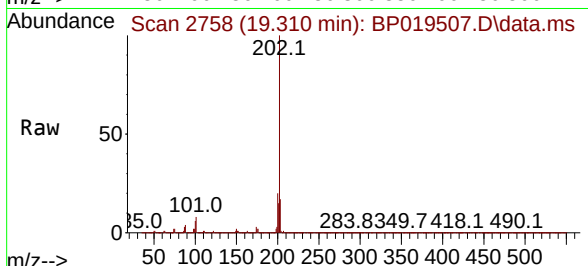


#75
 Fluoranthene
 Concen: 9.604 ng
 RT: 19.310 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT3-2023

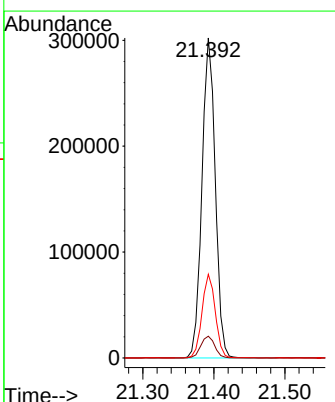
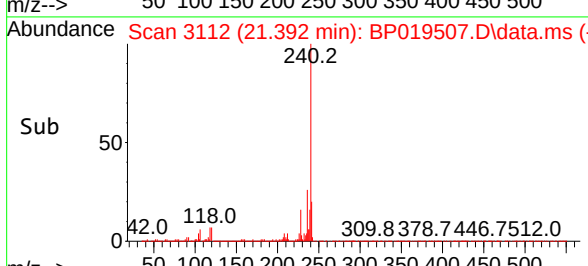
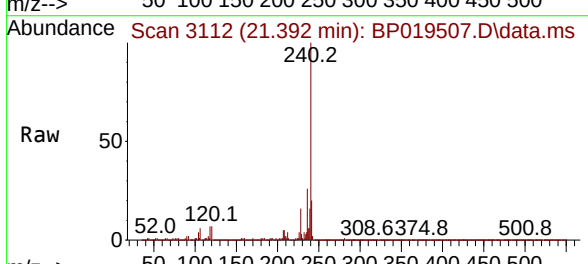
Tgt Ion:	202	Resp:	30589
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	27.7
203	16.9	0.0	37.5

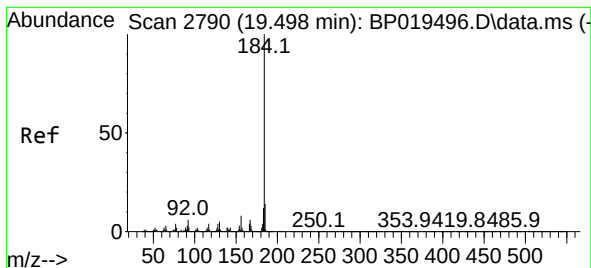
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Tgt Ion:	240	Resp:	394526
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.1	9.1
236	26.1	20.7	31.1





#77

Benzidine

Concen: 18.489 ng

RT: 19.498 min Scan# 2790

Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

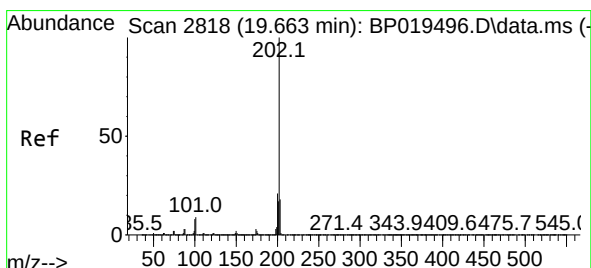
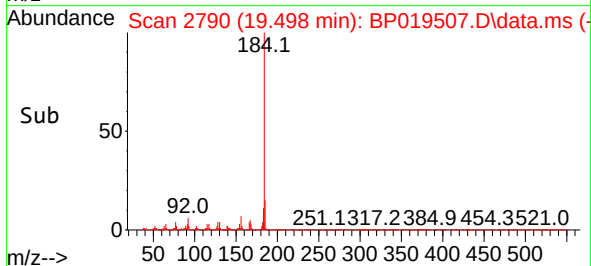
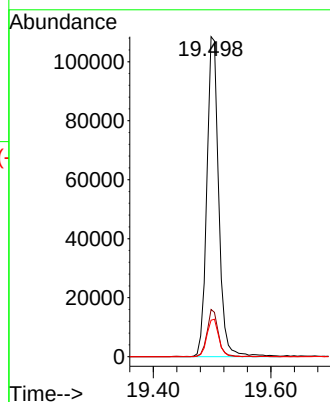
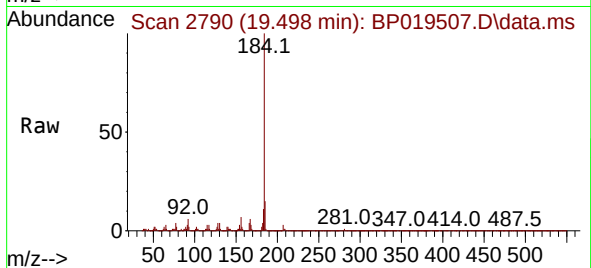
LOQ-SOIL-02-QT3-2023

Tgt Ion:	184	Resp:	15250
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.1	16.7
183	11.4	9.7	14.5

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 11.315 ng

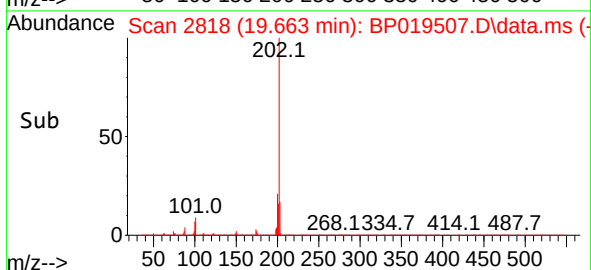
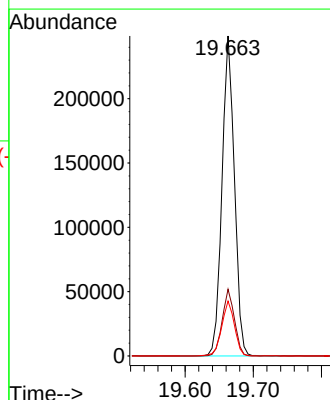
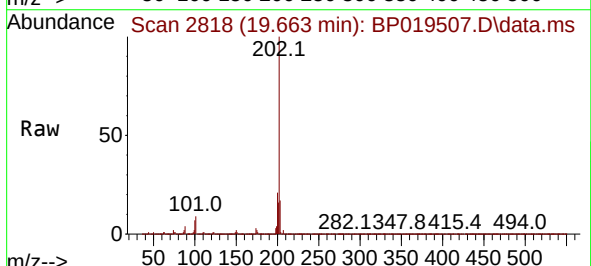
RT: 19.663 min Scan# 2818

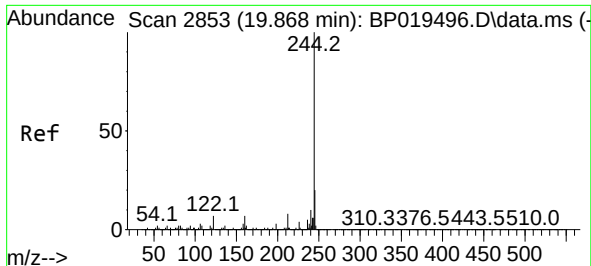
Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

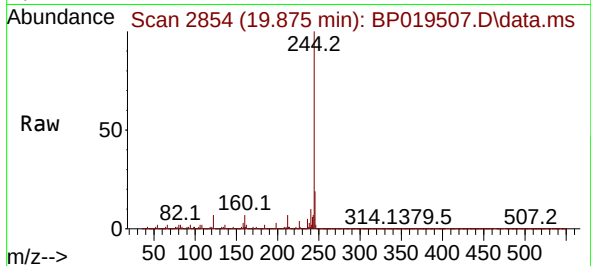
Tgt Ion:	202	Resp:	315061
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.9	25.3
203	17.2	14.2	21.2





#79
 Terphenyl-d14
 Concen: 96.527 ng
 RT: 19.875 min Scan# 2853
 Delta R.T. 0.006 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

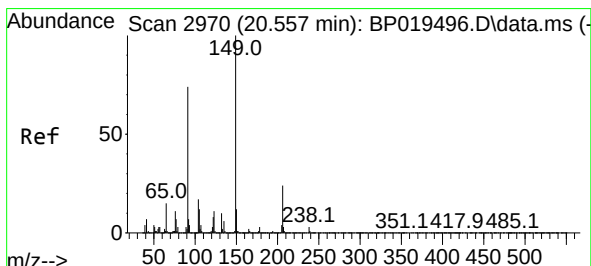
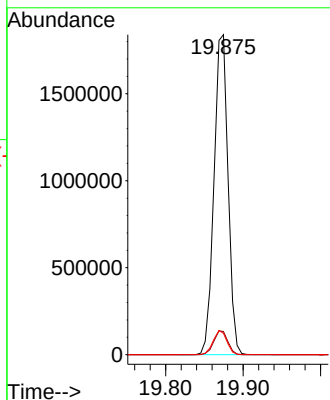
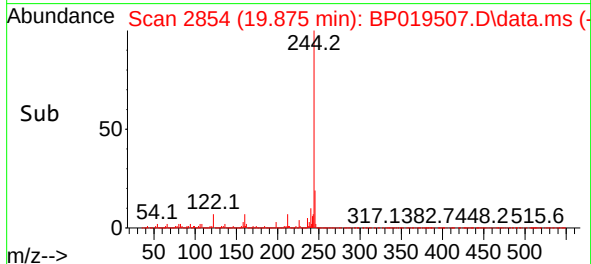
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023



Tgt Ion:244 Resp: 231569
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.7 5.9 8.9

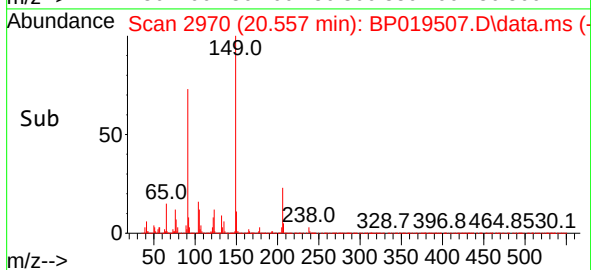
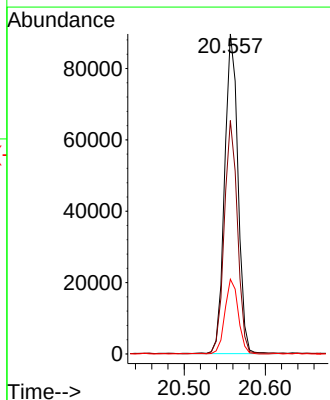
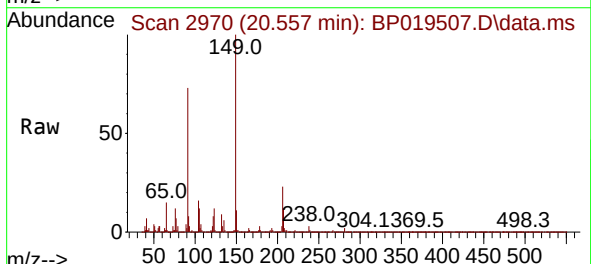
Manual Integrations
 APPROVED

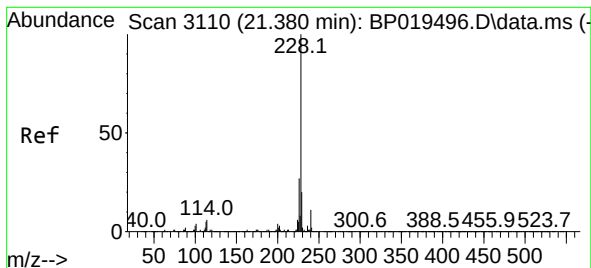
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#80
 Butylbenzylphthalate
 Concen: 9.912 ng
 RT: 20.557 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Tgt Ion:149 Resp: 103069
 Ion Ratio Lower Upper
 149 100
 91 73.0 59.4 89.0
 206 23.4 19.0 28.6





#81

Benzo(a)anthracene

Concen: 10.007 ng

RT: 21.375 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

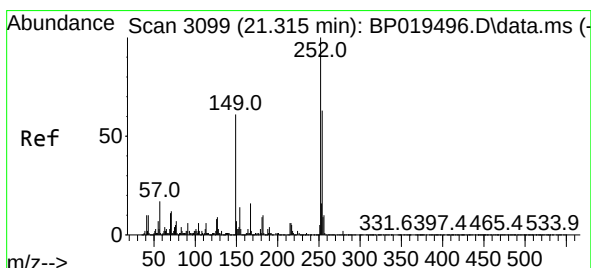
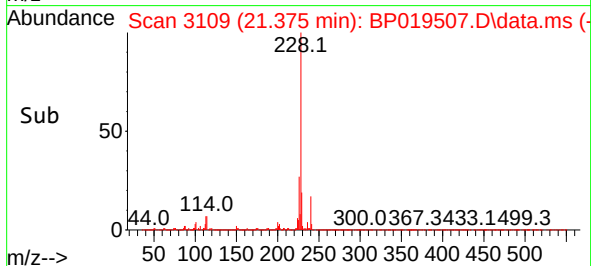
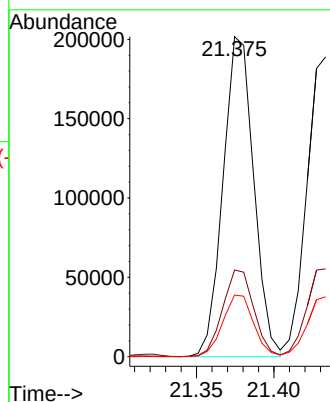
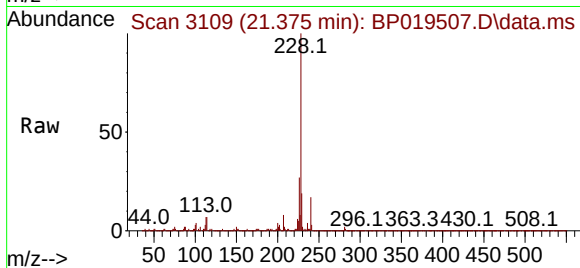
Tgt Ion:228 Resp: 277909

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.3	15.6	23.4

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 9.919 ng

RT: 21.316 min Scan# 3099

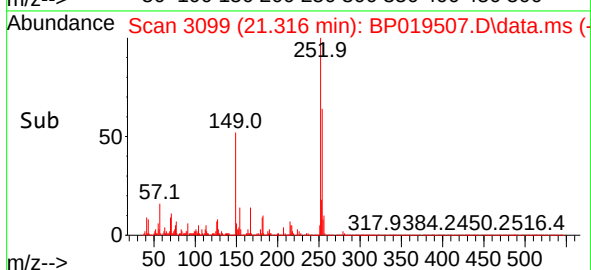
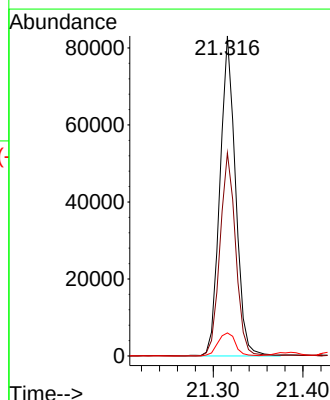
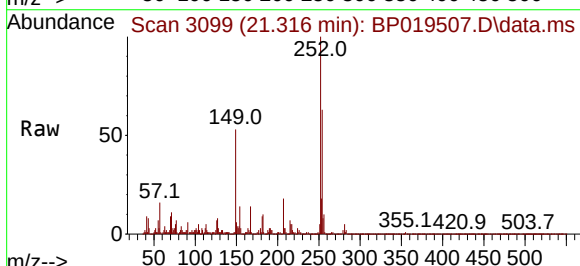
Delta R.T. 0.000 min

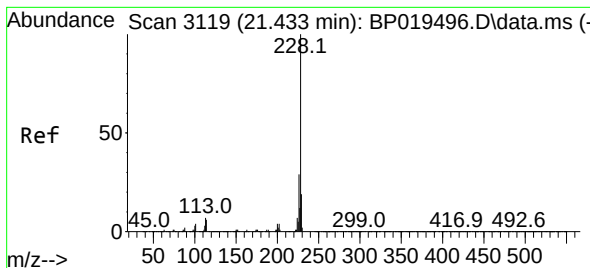
Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:252 Resp: 100384

Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.7	76.1
126	7.2	6.4	9.6





#83

Chrysene

Concen: 9.669 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

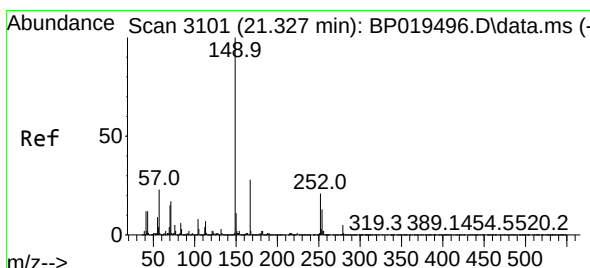
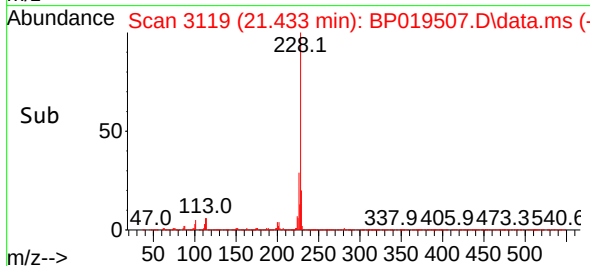
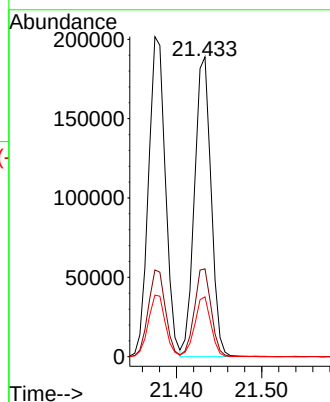
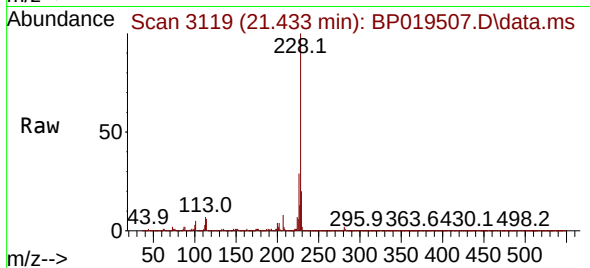
LOQ-SOIL-02-QT3-2023

Tgt Ion:	228	Resp:	25494
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	20.0	15.6	23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.719 ng

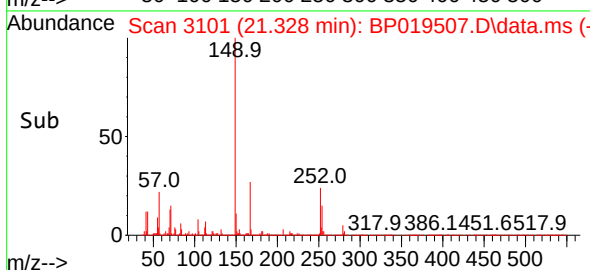
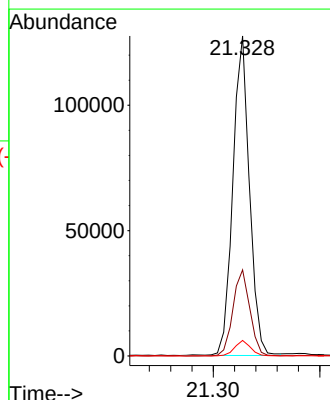
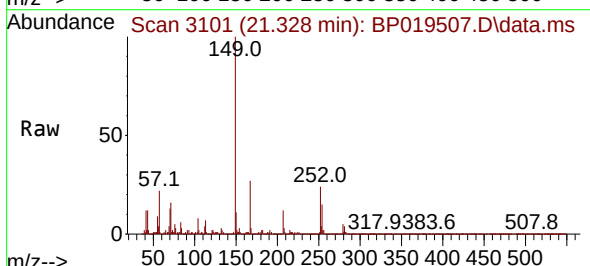
RT: 21.328 min Scan# 3101

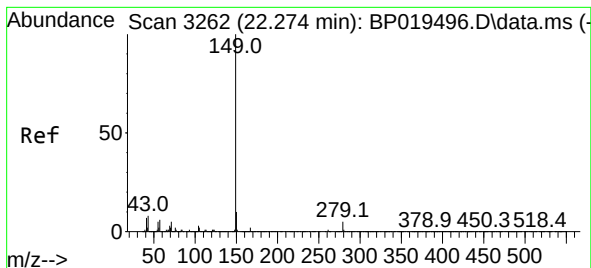
Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:	149	Resp:	138059
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.7	34.1
279	4.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 7.346 ng

RT: 22.275 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

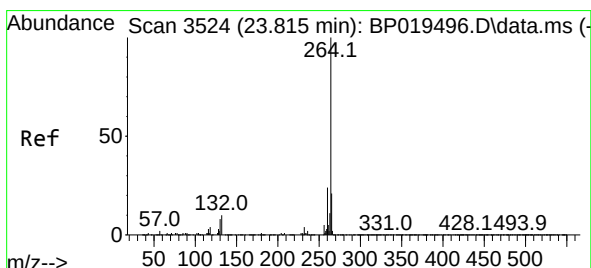
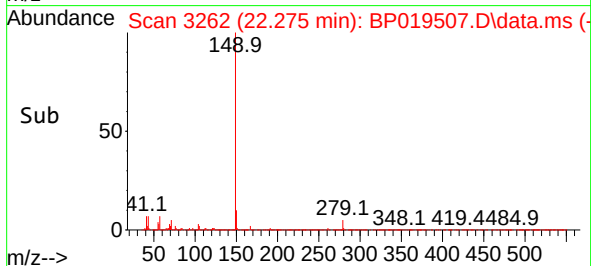
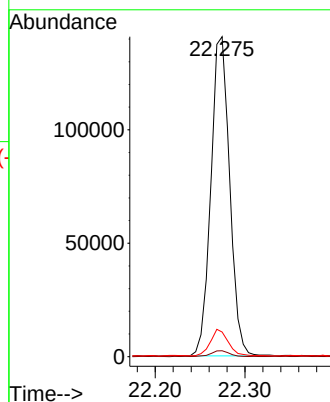
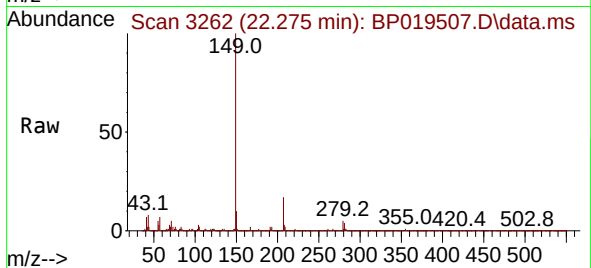
LOQ-SOIL-02-QT3-2023

Tgt Ion:149	Resp: 20465
Ion Ratio	Lower Upper
149 100	
167 1.8	1.3 1.9
43 7.8	6.3 9.5

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

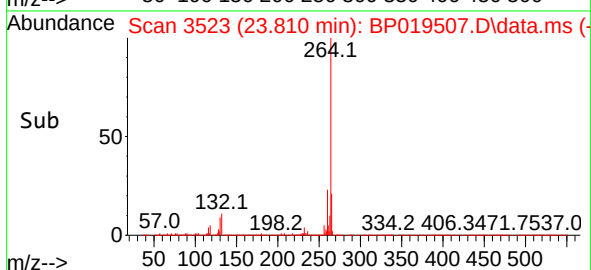
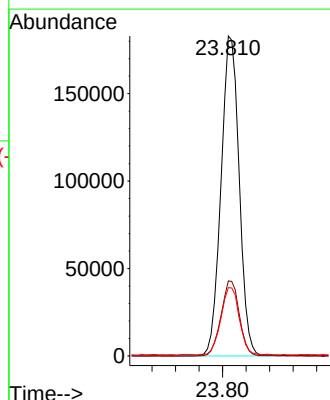
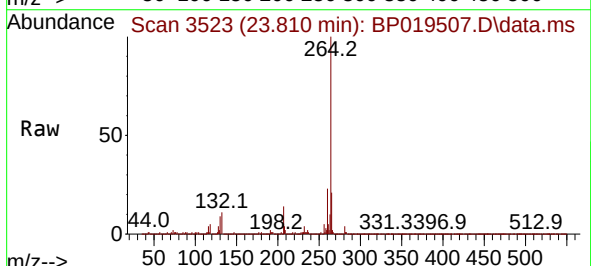
RT: 23.810 min Scan# 3523

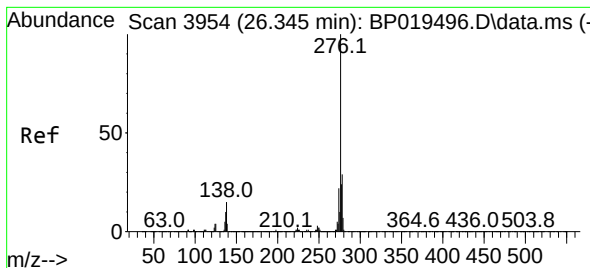
Delta R.T. -0.006 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Tgt Ion:264	Resp: 391741
Ion Ratio	Lower Upper
264 100	
260 23.5	19.2 28.8
265 21.3	17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.571 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

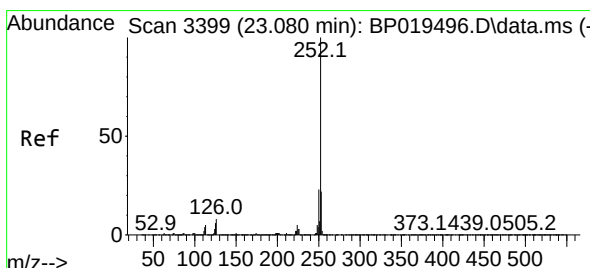
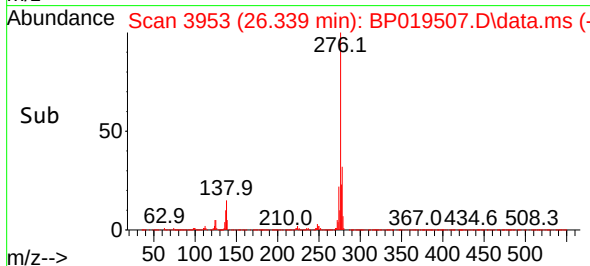
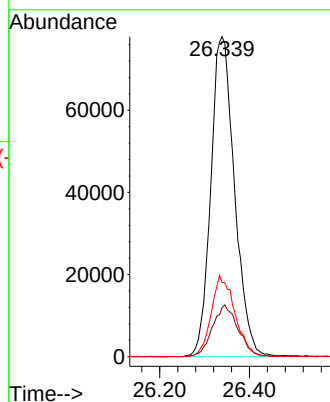
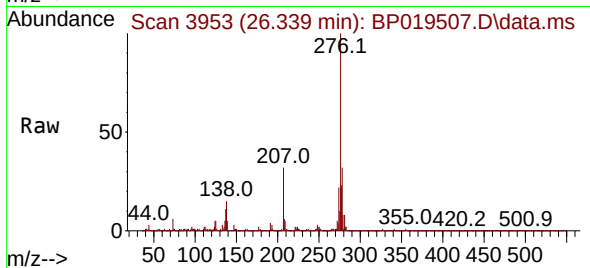
LOQ-SOIL-02-QT3-2023

Tgt Ion:	276	Resp:	286998
Ion Ratio	Lower	Upper	
276	100		
138	17.5	13.1	19.7
277	25.3	20.3	30.5

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 9.636 ng

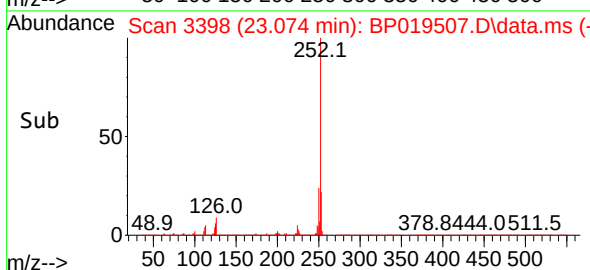
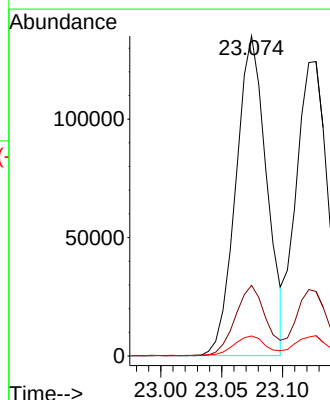
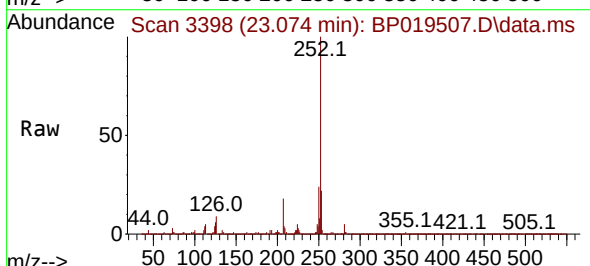
RT: 23.074 min Scan# 3398

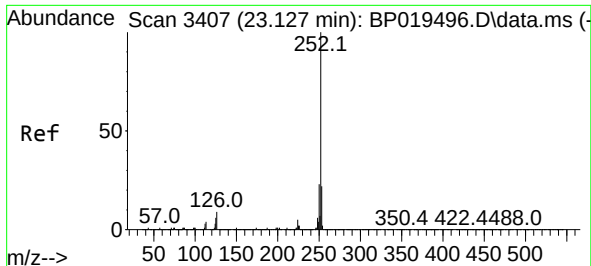
Delta R.T. -0.006 min

Lab File: BP019507.D

Acq: 01 Feb 2024 14:23

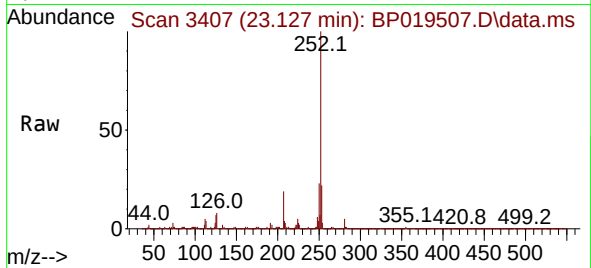
Tgt Ion:	252	Resp:	237914
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	6.3	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 9.551 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.000 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23

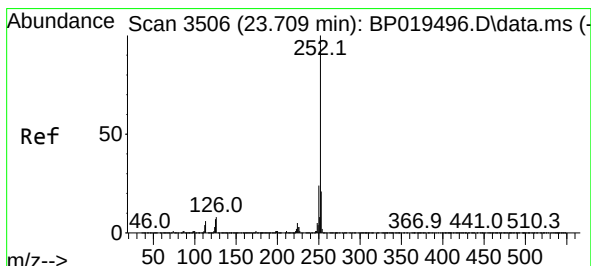
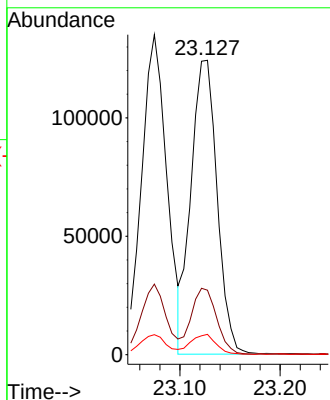
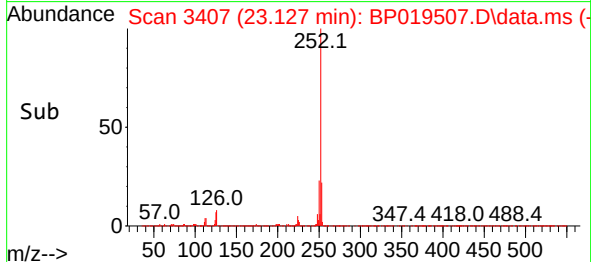
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



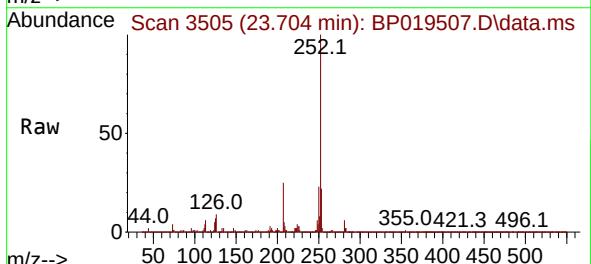
Tgt Ion:252 Resp: 225264
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 6.9 5.0 7.6

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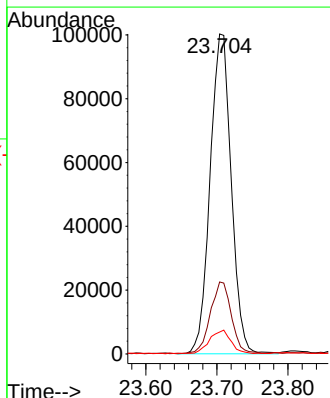
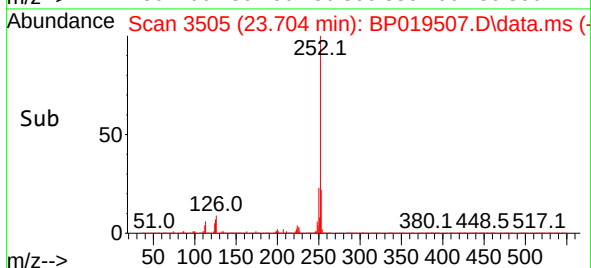
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

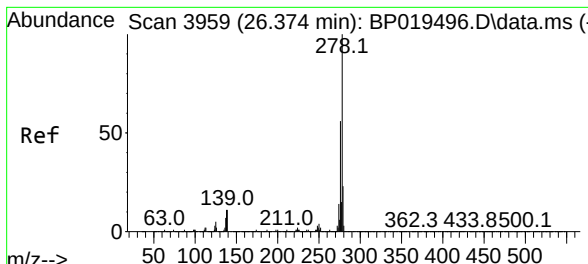


#90
Benzo(a)pyrene
Concen: 9.416 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019507.D
Acq: 01 Feb 2024 14:23



Tgt Ion:252 Resp: 206850
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 6.9 5.6 8.4





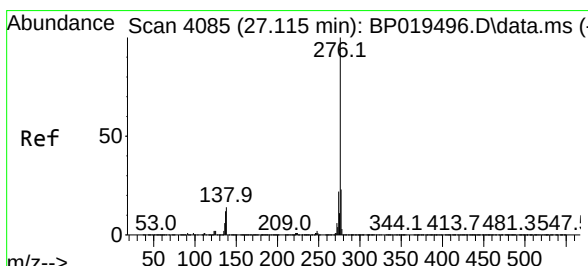
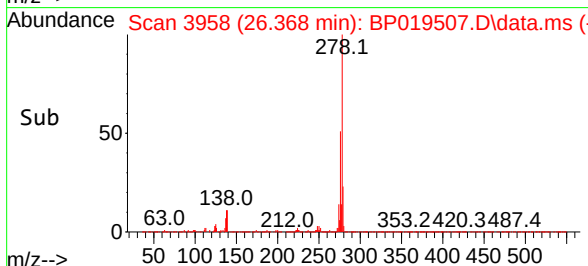
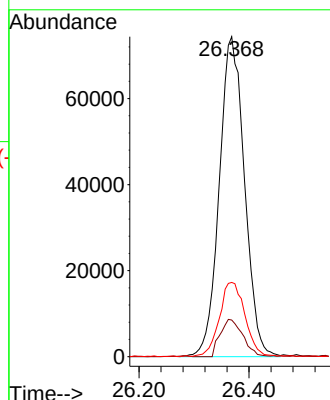
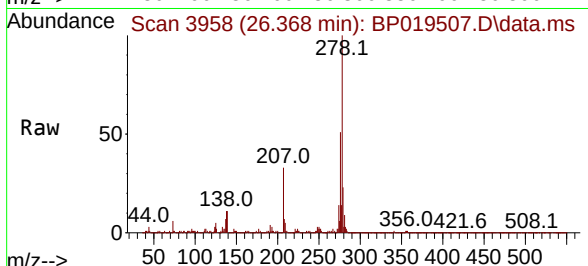
#91
 Dibenzo(a,h)anthracene
 Concen: 9.602 ng
 RT: 26.368 min Scan# 3958
 Delta R.T. -0.005 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT3-2023

Tgt Ion: 278 Resp: 23681
 Ion Ratio Lower Upper
 278 100
 139 11.4 8.6 12.8
 279 23.2 18.5 27.7

Manual Integrations
 APPROVED

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



#92
 Benzo(g,h,i)perylene
 Concen: 9.311 ng
 RT: 27.110 min Scan# 4084
 Delta R.T. -0.006 min
 Lab File: BP019507.D
 Acq: 01 Feb 2024 14:23

Tgt Ion: 276 Resp: 232972
 Ion Ratio Lower Upper
 276 100
 277 25.4 18.6 28.0
 138 14.2 10.9 16.3

