

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
 Data File : BP019509.D
 Acq On : 01 Feb 2024 15:42
 Operator : MA/JU
 Sample : 03572-02
 Misc : LOQ-SOIL-05PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 01 16:23:44 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	7.916	152	75501	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	324376	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	239415	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	591313	20.000	ng	0.00
76) Chrysene-d12	21.392	240	571103	20.000	ng	0.00
86) Perylene-d12	23.810	264	525908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	380413	81.217	ng	0.00
7) Phenol-d6	7.081	99	533819	84.524	ng	0.00
23) Nitrobenzene-d5	9.081	82	848181	113.303	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	315914	90.374	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	2042792	105.480	ng	0.00
79) Terphenyl-d14	19.875	244	4171499	120.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	8107	4.492	ng	# 94
3) Pyridine	3.787	79	20570	4.204	ng	96
4) n-Nitrosodimethylamine	3.711	42	8910	4.183	ng	# 93
6) Aniline	7.240	93	33616	5.478	ng	99
8) 2-Chlorophenol	7.469	128	20724	4.310	ng	95
9) Benzaldehyde	7.058	77	23159	5.230	ng	95
10) Phenol	7.105	94	28029	4.453	ng	92
11) bis(2-Chloroethyl)ether	7.352	93	22475	4.589	ng	95
12) 1,3-Dichlorobenzene	7.799	146	25835	4.391	ng	99
13) 1,4-Dichlorobenzene	7.946	146	25152	4.219	ng	99
14) 1,2-Dichlorobenzene	8.258	146	25007	4.335	ng	94
15) Benzyl Alcohol	8.158	79	23758	4.708	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	23477m	4.794	ng	
17) 2-Methylphenol	8.358	107	19166	4.523	ng	98
18) Hexachloroethane	8.981	117	9498	4.110	ng	91
19) n-Nitroso-di-n-propyla...	8.728	70	21752	5.042	ng	99
20) 3+4-Methylphenols	8.687	107	25606	4.427	ng	92
22) Acetophenone	8.746	105	40189	4.349	ng	# 98
24) Nitrobenzene	9.122	77	34471	4.573	ng	99
25) Isophorone	9.646	82	60060	4.607	ng	98
26) 2-Nitrophenol	9.828	139	10642	3.703	ng	93
27) 2,4-Dimethylphenol	9.887	122	18777	5.110	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	31674	4.294	ng	95
29) 2,4-Dichlorophenol	10.357	162	22927	4.127	ng	98
30) 1,2,4-Trichlorobenzene	10.575	180	26684	3.918	ng	95
31) Naphthalene	10.763	128	73215	4.115	ng	98
32) Benzoic acid	9.952	122	13381m	3.737	ng	
33) 4-Chloroaniline	10.881	127	32667	4.965	ng	96
34) Hexachlorobutadiene	11.040	225	18855	3.736	ng	98
35) Caprolactam	11.646	113	8679	5.519	ng	94
36) 4-Chloro-3-methylphenol	11.999	107	27933	4.612	ng	99
37) 2-Methylnaphthalene	12.375	142	53652	4.358	ng	96
38) 1-Methylnaphthalene	12.593	142	53761	4.443	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	35600	3.856	ng	99
41) Hexachlorocyclopentadiene	12.704	237	16387	3.929	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	21550	3.854	ng	97

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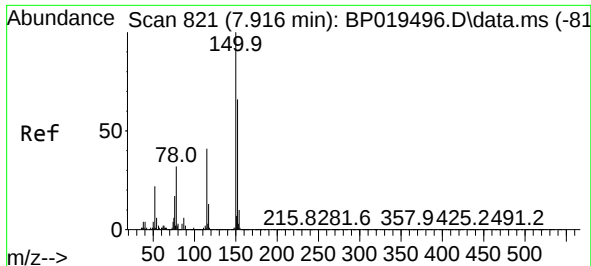
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	23082	3.760	ng	98
46) 1,1'-Biphenyl	13.387	154	77219	4.041	ng	97
47) 2-Chloronaphthalene	13.422	162	62502	3.985	ng	99
48) 2-Nitroaniline	13.634	65	17916	4.085	ng	85
49) Acenaphthylene	14.269	152	100417	4.563	ng	99
50) Dimethylphthalate	14.016	163	82430	4.498	ng	99
51) 2,6-Dinitrotoluene	14.134	165	16148	4.010	ng	93
52) Acenaphthene	14.604	154	58384	4.275	ng	92
53) 3-Nitroaniline	14.457	138	16667	4.504	ng	94
54) 2,4-Dinitrophenol	14.663	184	6627	3.170	ng	90
55) Dibenzofuran	14.945	168	99020	4.451	ng	99
56) 4-Nitrophenol	14.763	139	13514	4.455	ng	92
57) 2,4-Dinitrotoluene	14.916	165	21972	4.164	ng	# 95
58) Fluorene	15.598	166	80752	4.558	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	22524	4.362	ng	98
60) Diethylphthalate	15.381	149	82824	4.543	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	44568	4.475	ng	95
62) 4-Nitroaniline	15.622	138	17456	4.500	ng	96
63) Azobenzene	15.892	77	77596	4.402	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	10195	3.024	ng	100
66) n-Nitrosodiphenylamine	15.810	169	69995	3.952	ng	95
67) 4-Bromophenyl-phenylether	16.498	248	28072	3.798	ng	97
68) Hexachlorobenzene	16.592	284	33518	3.883	ng	97
69) Atrazine	16.775	200	30048	5.113	ng	94
70) Pentachlorophenol	16.945	266	17300	3.218	ng	98
71) Phenanthrene	17.345	178	135787	4.363	ng	99
72) Anthracene	17.434	178	135708	4.372	ng	99
73) Carbazole	17.710	167	123462	4.378	ng	100
74) Di-n-butylphthalate	18.275	149	138067	4.049	ng	100
75) Fluoranthene	19.310	202	166748	4.386	ng	98
77) Benzidine	19.498	184	85906	7.195	ng	98
78) Pyrene	19.663	202	174670	4.334	ng	99
80) Butylbenzylphthalate	20.557	149	57409	3.814	ng	98
81) Benzo(a)anthracene	21.375	228	171565	4.268	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	61449	4.195	ng	94
83) Chrysene	21.427	228	155603	4.077	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	85467	3.729	ng	99
85) Di-n-octyl phthalate	22.275	149	130716	3.241	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	139192	3.458	ng	99
88) Benzo(b)fluoranthene	23.074	252	146038	4.406	ng	96
89) Benzo(k)fluoranthene	23.122	252	132787	4.194	ng	99
90) Benzo(a)pyrene	23.704	252	121189	4.109	ng	99
91) Dibenzo(a,h)anthracene	26.363	278	114701	3.464	ng	97
92) Benzo(g,h,i)perylene	27.110	276	112532	3.350	ng	98

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



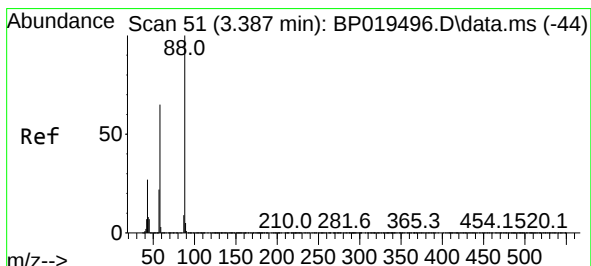
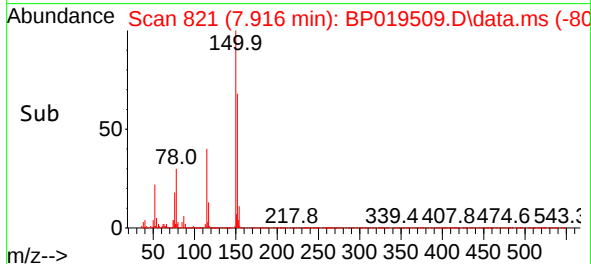
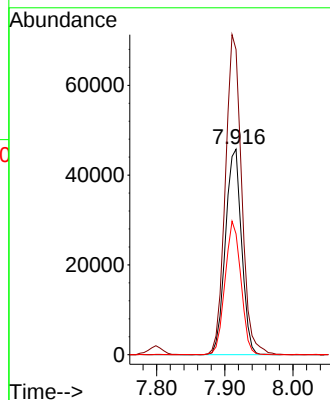
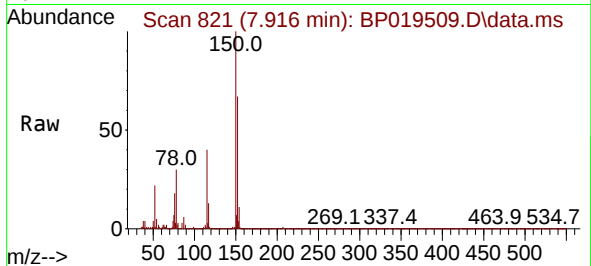
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion: 152 Resp: 7550
Ion Ratio Lower Upper
152 100
150 148.5 121.8 182.8
115 58.8 49.9 74.9

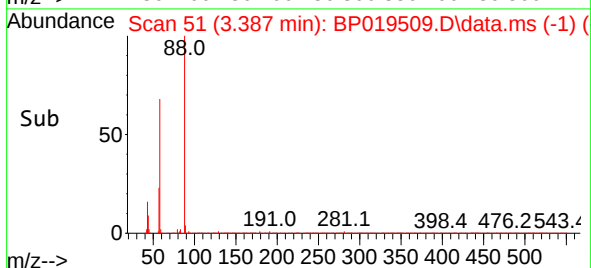
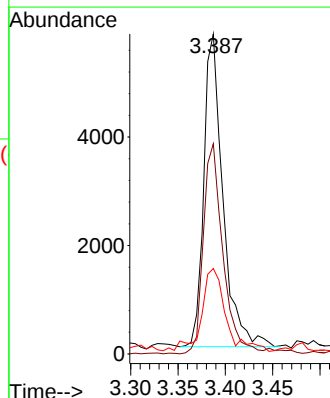
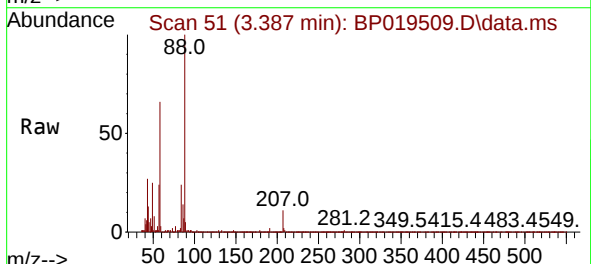
Manual Integrations
APPROVED

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#2
1,4-Dioxane
Concen: 4.492 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

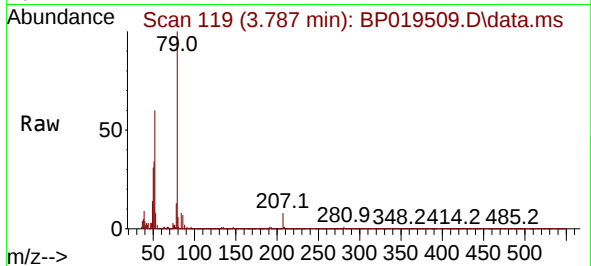
Tgt Ion: 88 Resp: 8107
Ion Ratio Lower Upper
88 100
58 68.4 52.6 78.8
43 33.5 21.9 32.9





#3
Pyridine
Concen: 4.204 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

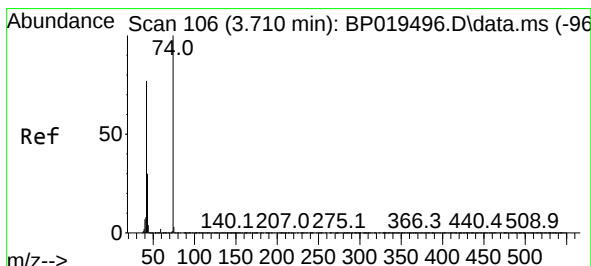
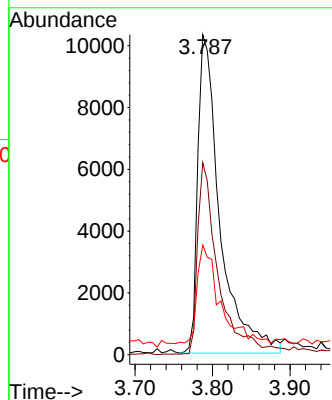
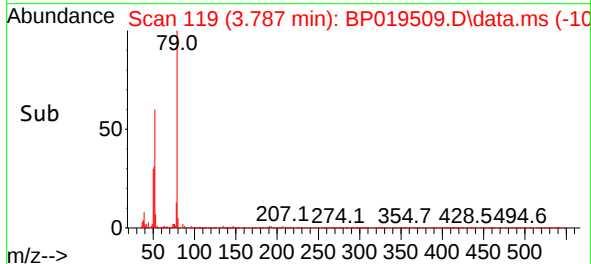
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LOQ-SOIL-02-QT3-2023



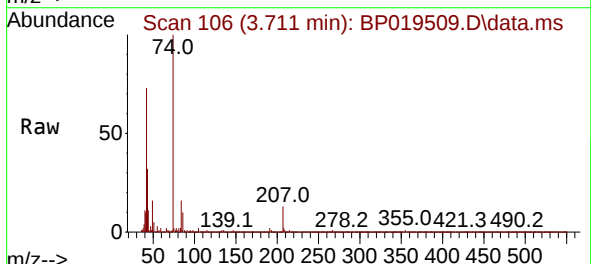
Tgt Ion: 79 Resp: 20570
Ion Ratio Lower Upper
79 100
52 60.0 45.0 67.6
51 34.3 26.8 40.2

Manual Integrations
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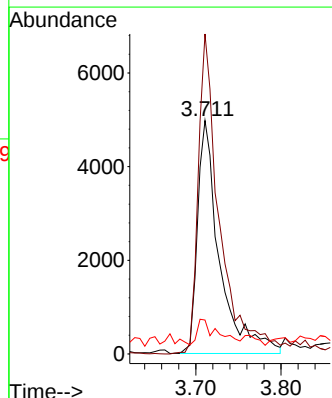
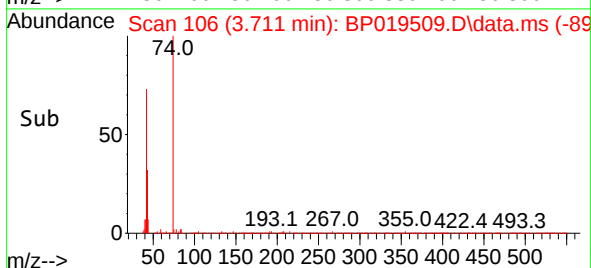
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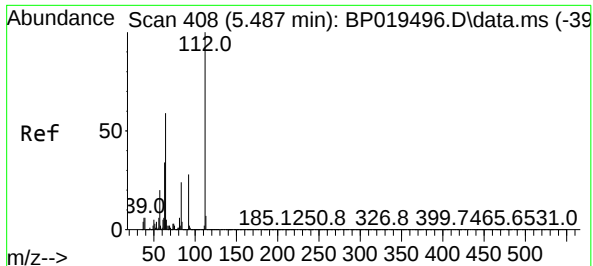


#4
n-Nitrosodimethylamine
Concen: 4.183 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



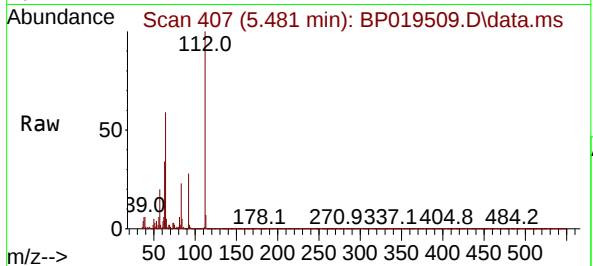
Tgt Ion: 42 Resp: 8910
Ion Ratio Lower Upper
42 100
74 137.0 103.4 155.2
44 14.5 4.8 7.2#





#5
2-Fluorophenol
Concen: 81.217 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

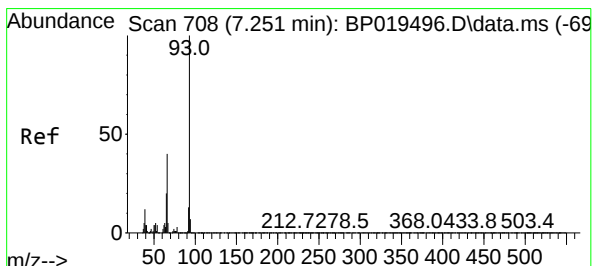
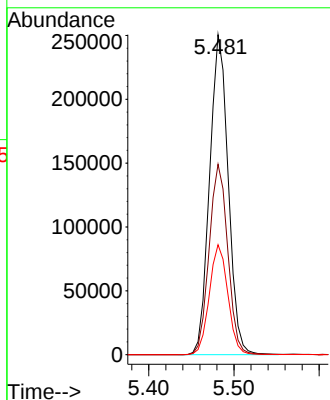
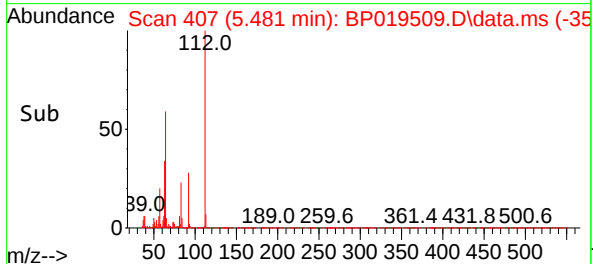
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion: 112 Resp: 38041
Ion Ratio Lower Upper
112 100
64 59.5 47.4 71.0
63 34.3 27.0 40.6

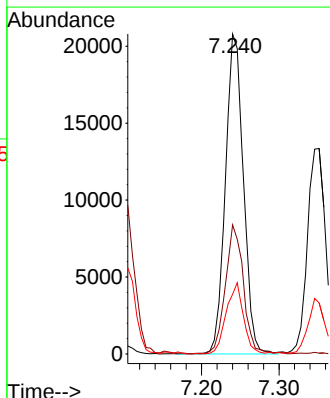
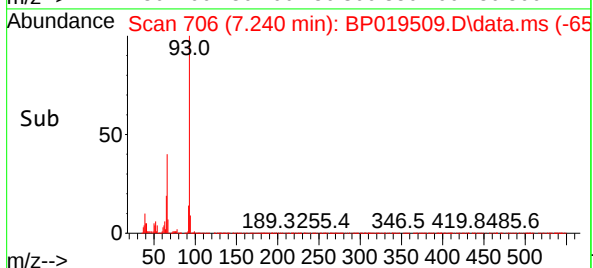
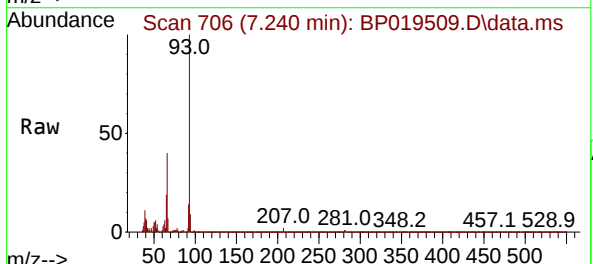
Manual Integrations
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#6
Aniline
Concen: 5.478 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.011 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

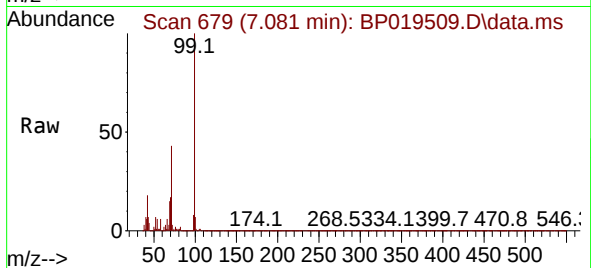
Tgt Ion: 93 Resp: 33616
Ion Ratio Lower Upper
93 100
66 40.4 32.3 48.5
65 18.7 16.4 24.6





#7
Phenol-d6
Concen: 84.524 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

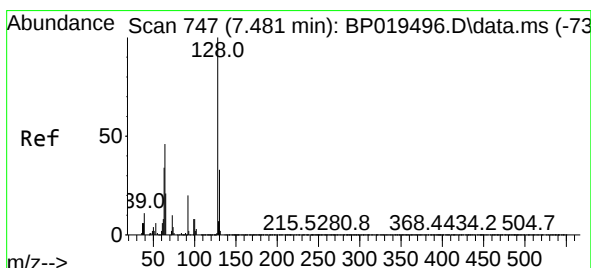
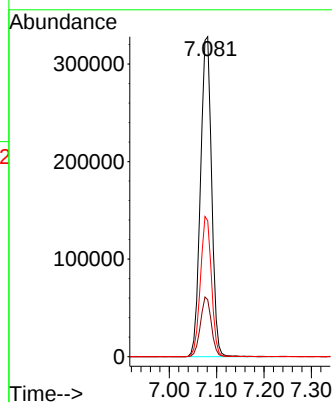
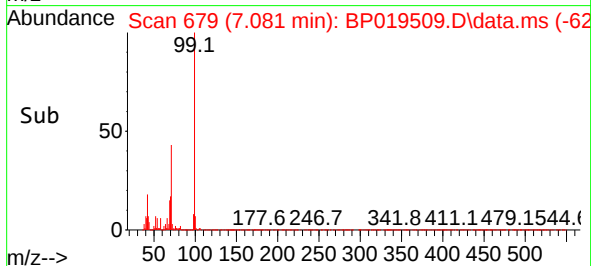
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ClientSampleId :
LOQ-SOIL-02-QT3-2023



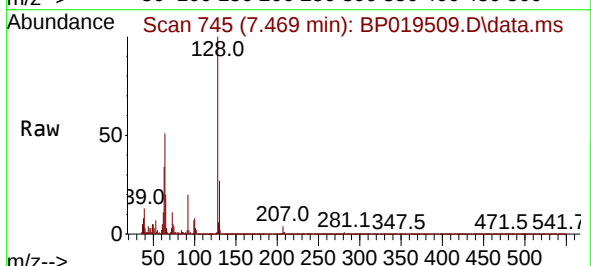
Tgt Ion: 99 Resp: 533819
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 42.5 34.8 52.2

Manual Integrations
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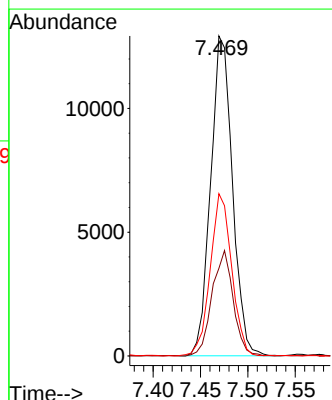
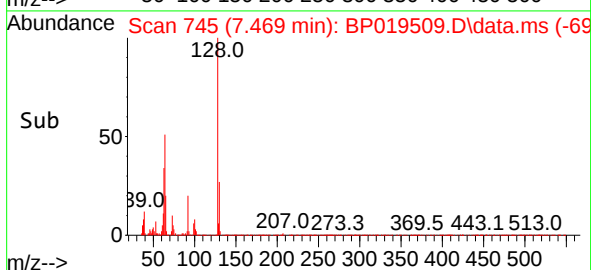
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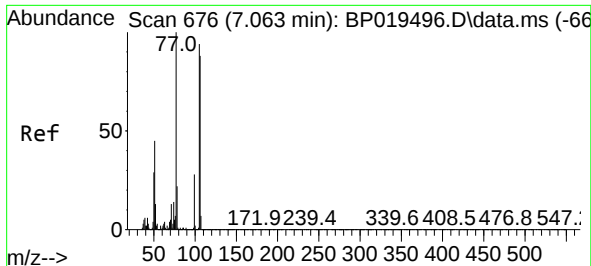


#8
2-Chlorophenol
Concen: 4.310 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.011 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



Tgt Ion:128 Resp: 20724
Ion Ratio Lower Upper
128 100
130 27.4 13.3 53.3
64 50.7 29.7 69.7





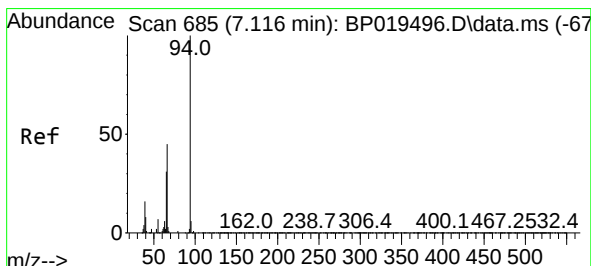
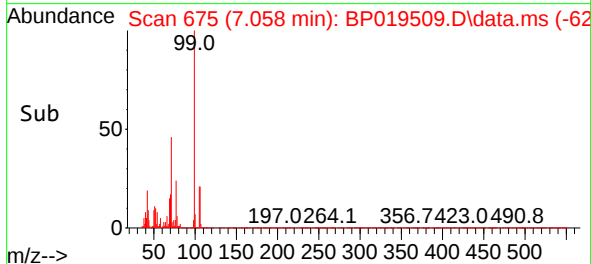
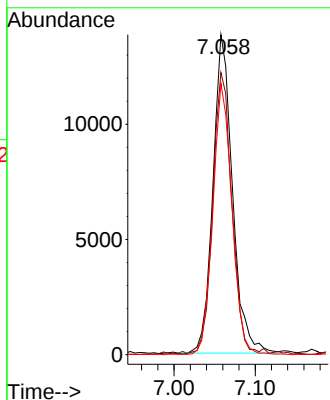
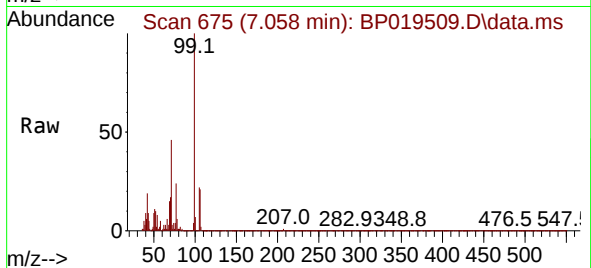
#9
Benzaldehyde
Concen: 5.230 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion: 77 Resp: 2315
Ion Ratio Lower Upper
77 100
105 88.1 74.0 114.0
106 84.8 67.8 107.8

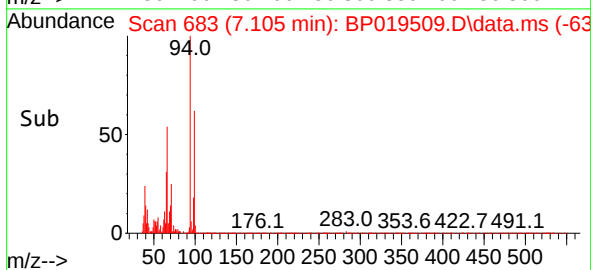
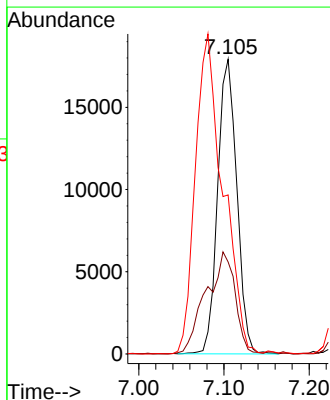
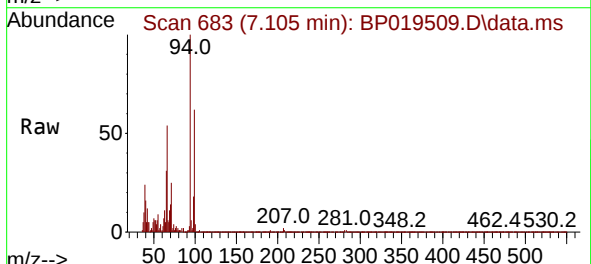
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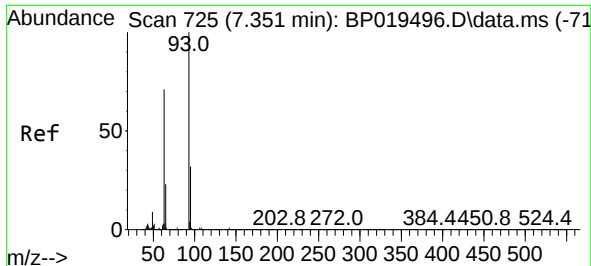
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#10
Phenol
Concen: 4.453 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.011 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion: 94 Resp: 28029
Ion Ratio Lower Upper
94 100
65 31.2 11.3 51.3
66 54.0 25.1 65.1





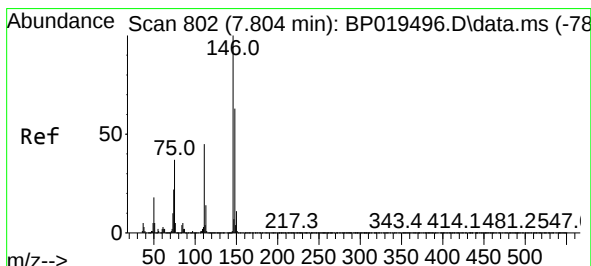
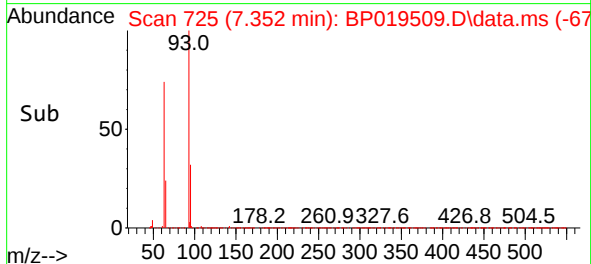
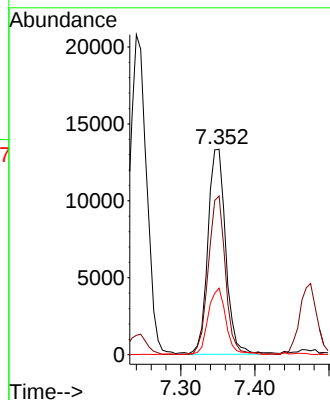
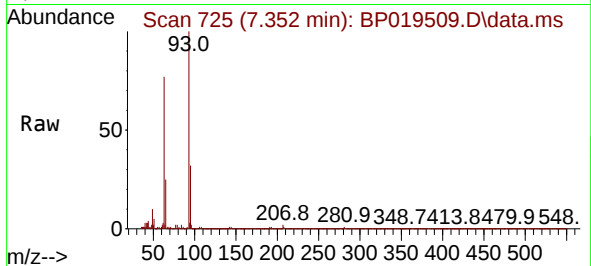
#11
bis(2-Chloroethyl)ether
Concen: 4.589 ng
RT: 7.352 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion: 93 Resp: 2247
Ion Ratio Lower Upper
93 100
63 77.3 51.2 91.2
95 32.4 11.8 51.8

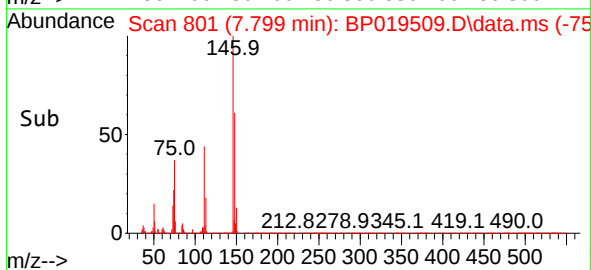
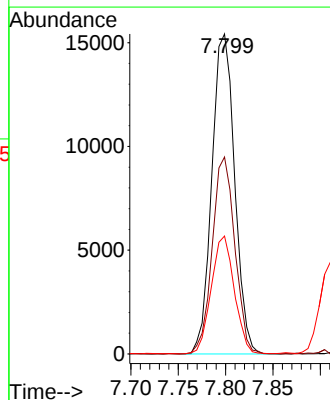
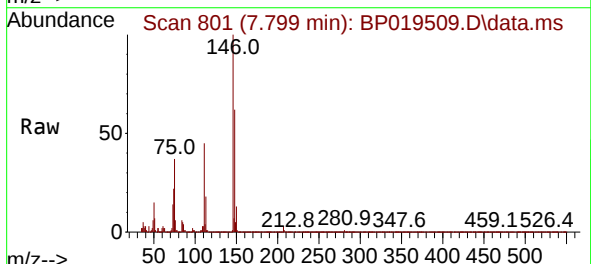
Manual Integrations
APPROVED

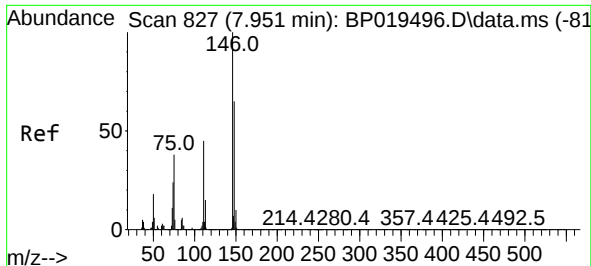
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#12
1,3-Dichlorobenzene
Concen: 4.391 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:146 Resp: 25835
Ion Ratio Lower Upper
146 100
148 61.6 50.4 75.6
75 36.9 29.9 44.9





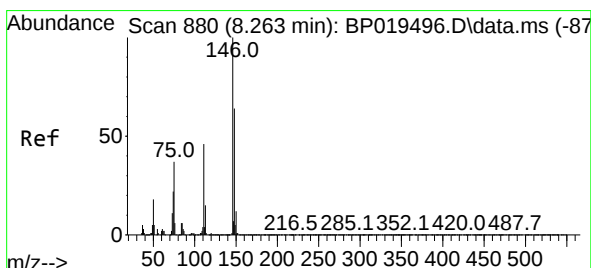
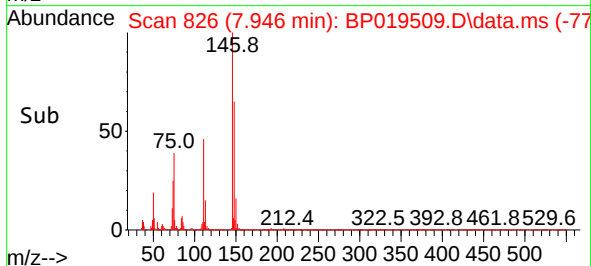
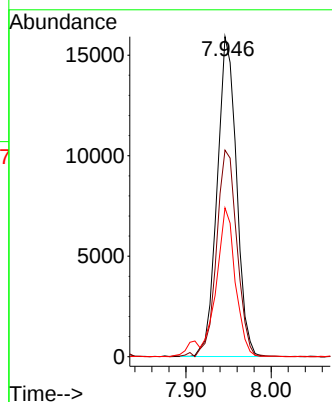
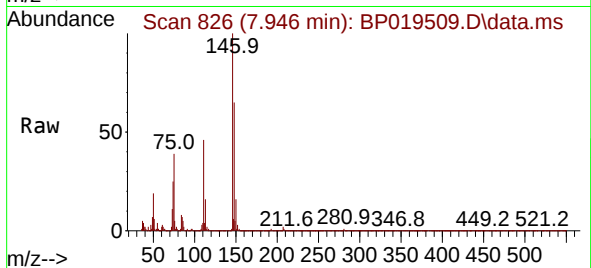
#13
1,4-Dichlorobenzene
Concen: 4.219 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:146 Resp: 2515
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 46.5 35.8 53.6

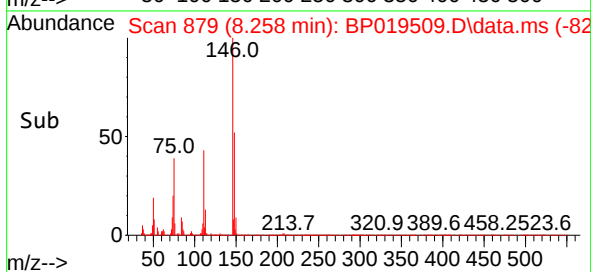
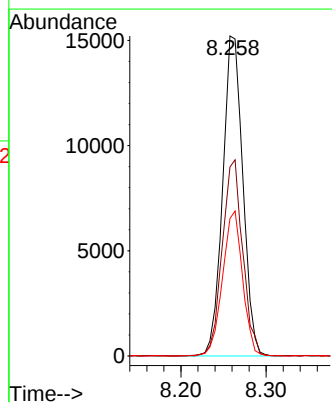
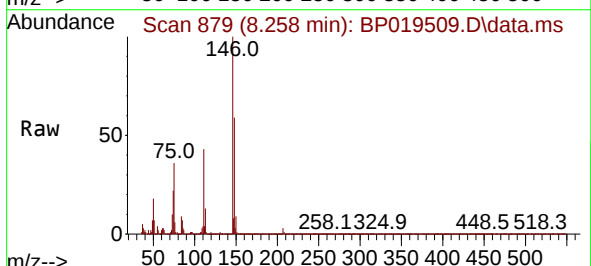
Manual Integrations
APPROVED

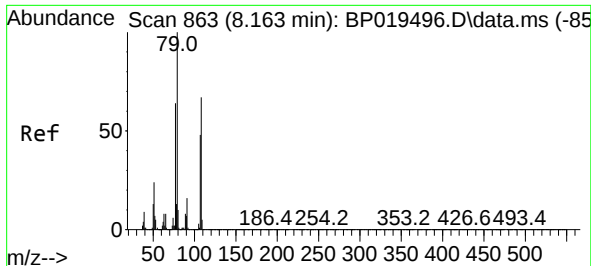
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#14
1,2-Dichlorobenzene
Concen: 4.335 ng
RT: 8.258 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:146 Resp: 25007
Ion Ratio Lower Upper
146 100
148 59.1 51.4 77.0
111 43.0 37.0 55.6





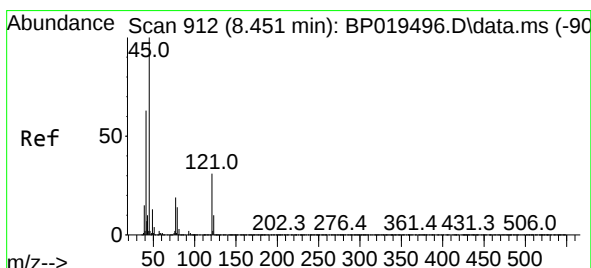
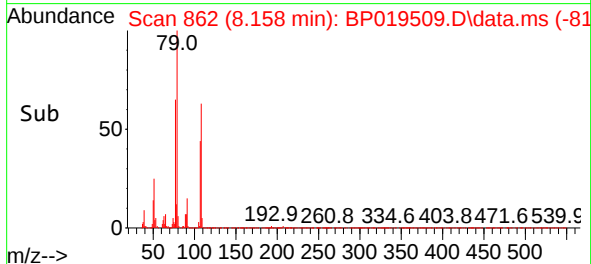
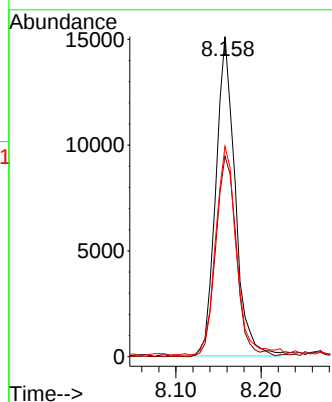
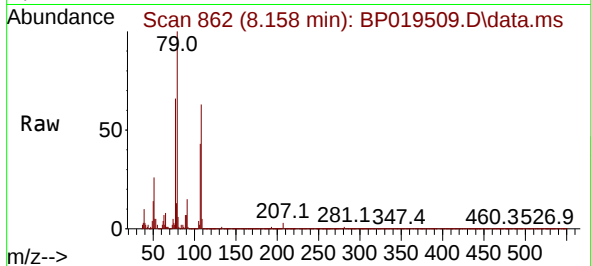
#15
Benzyl Alcohol
Concen: 4.708 ng
RT: 8.158 min Scan# 862
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion: 79 Resp: 23758
Ion Ratio Lower Upper
79 100
108 62.7 53.8 80.6
77 65.7 51.3 76.9

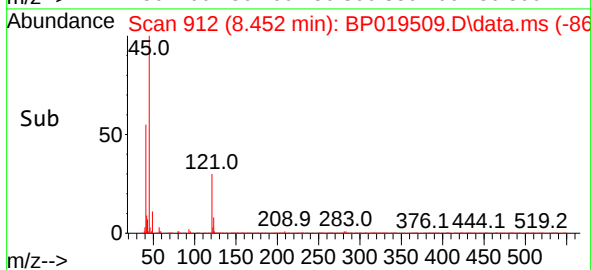
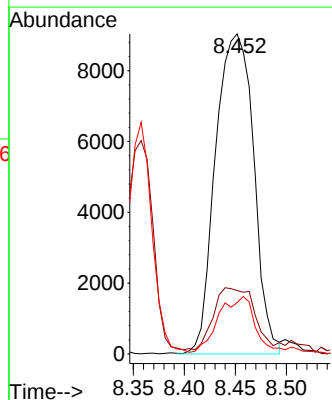
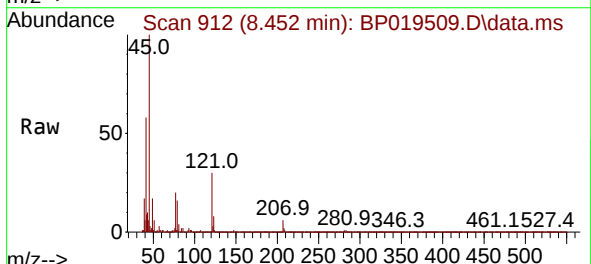
Manual Integrations
APPROVED

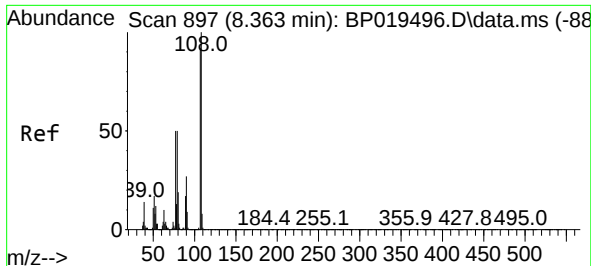
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.794 ng m
RT: 8.452 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion: 45 Resp: 23477
Ion Ratio Lower Upper
45 100
77 19.8 0.8 40.8
79 16.1 0.0 35.5





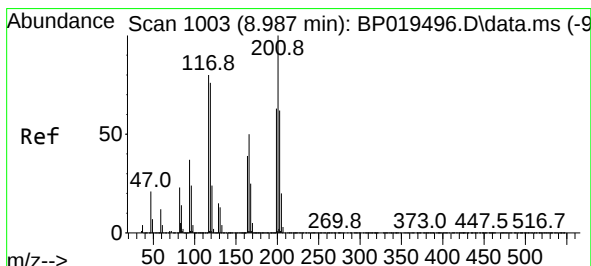
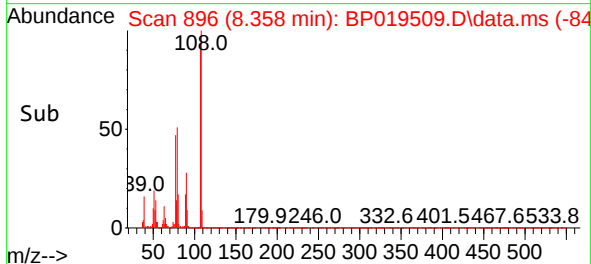
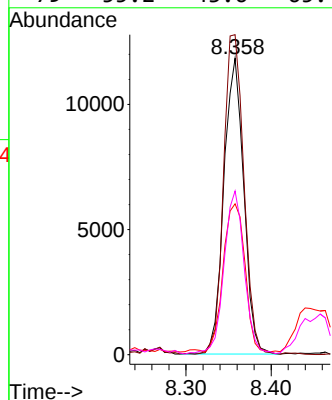
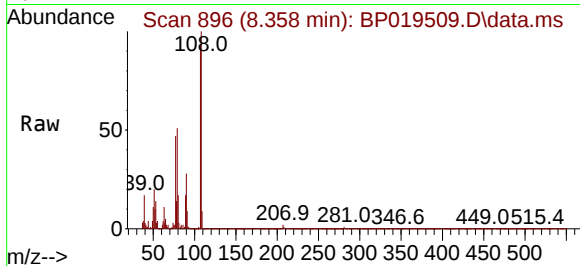
#17
2-Methylphenol
Concen: 4.523 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:107 Resp: 1916
Ion Ratio Lower Upper
107 100
108 107.9 87.0 130.6
77 50.9 43.5 65.3
79 55.2 43.6 65.4

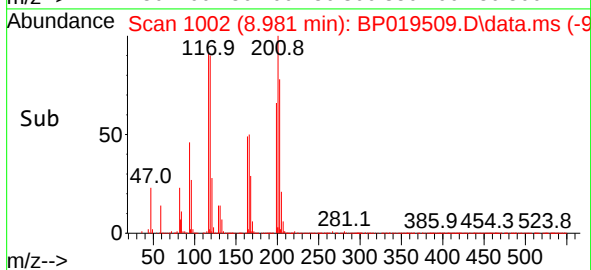
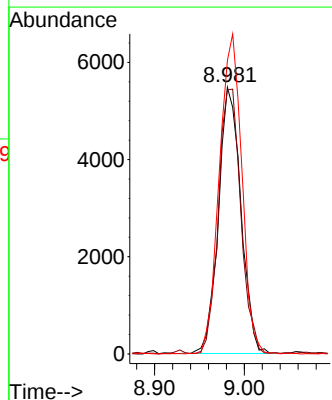
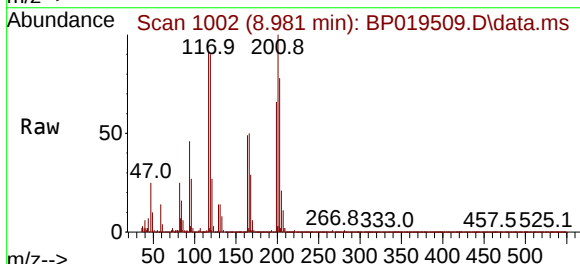
Manual Integrations
APPROVED

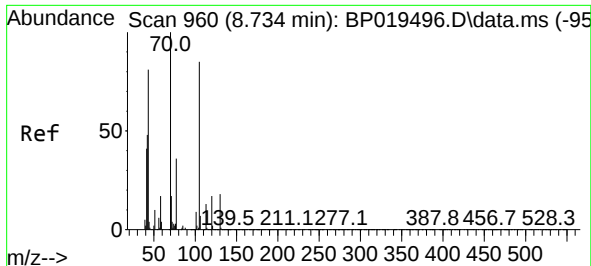
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#18
Hexachloroethane
Concen: 4.110 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

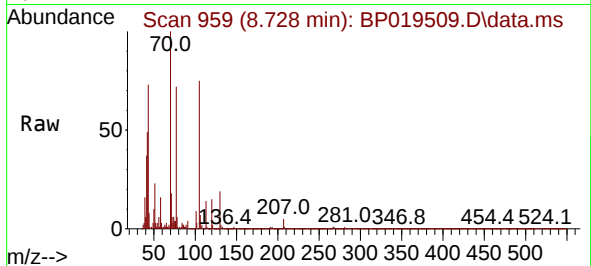
Tgt Ion:117 Resp: 9498
Ion Ratio Lower Upper
117 100
119 99.0 75.5 113.3
201 110.1 99.4 149.2





#19
n-Nitroso-di-n-propylamine
Concen: 5.042 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

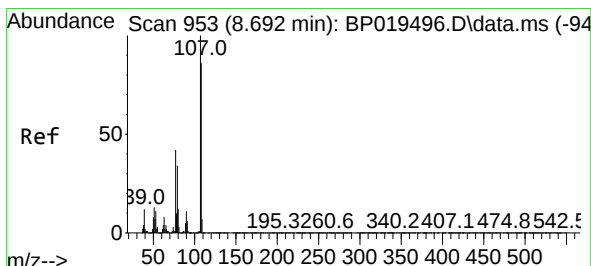
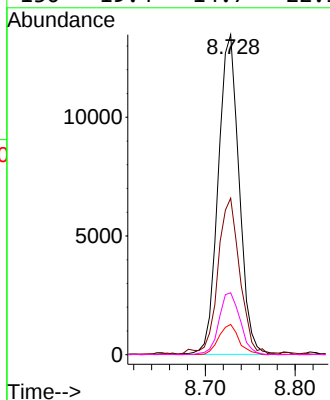
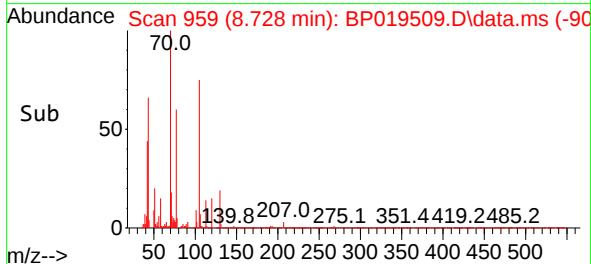
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



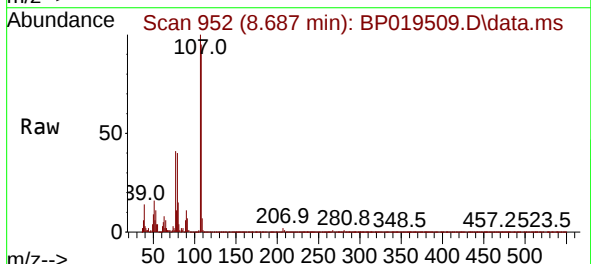
Tgt Ion: 70 Resp: 2175
Ion Ratio Lower Upper
70 100
42 48.9 39.2 58.8
101 9.4 7.3 10.9
130 19.4 14.7 22.1

Manual Integrations
APPROVED

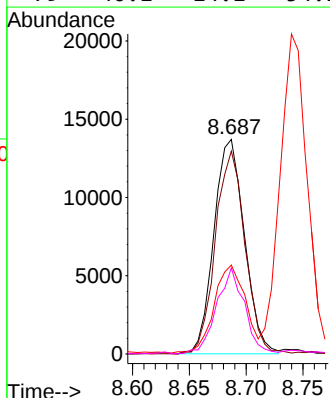
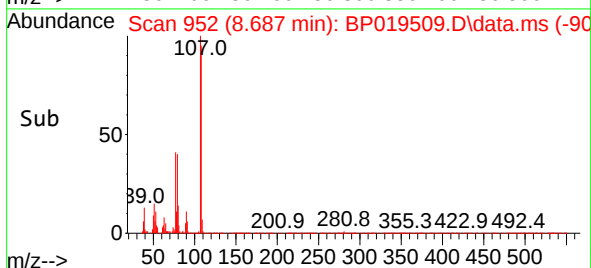
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

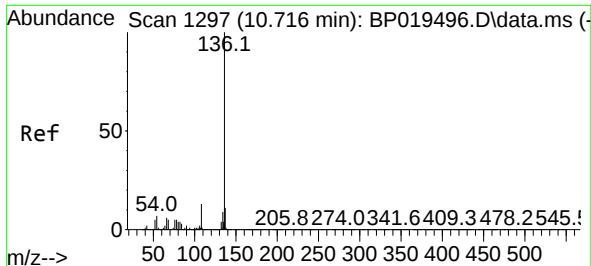


#20
3+4-Methylphenols
Concen: 4.427 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



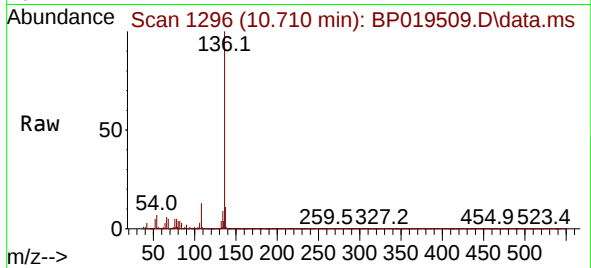
Tgt Ion:107 Resp: 25606
Ion Ratio Lower Upper
107 100
108 94.5 65.5 105.5
77 41.4 21.8 61.8
79 40.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

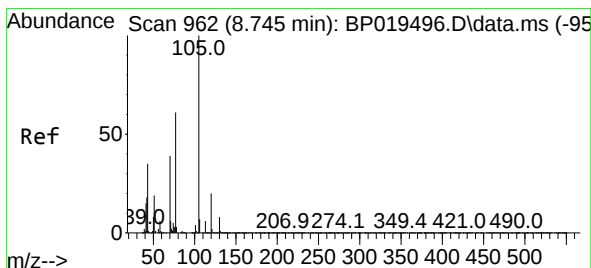
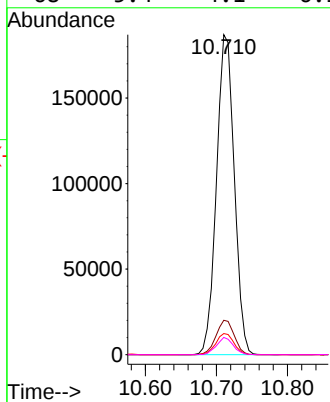
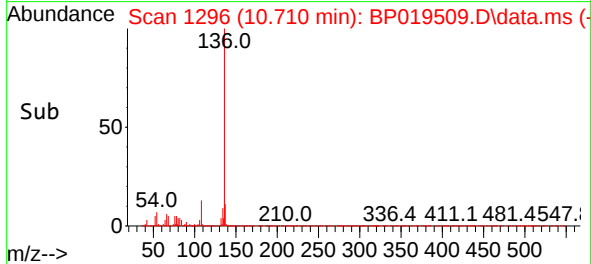
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:	136	Resp:	324370
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.3	7.9
68	5.4	4.1	6.1

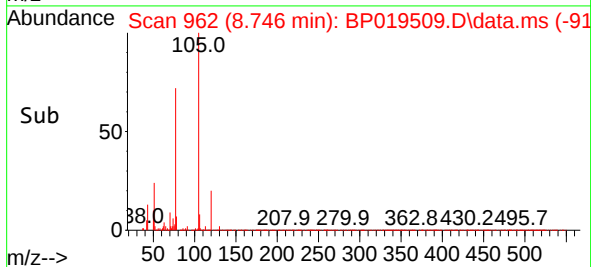
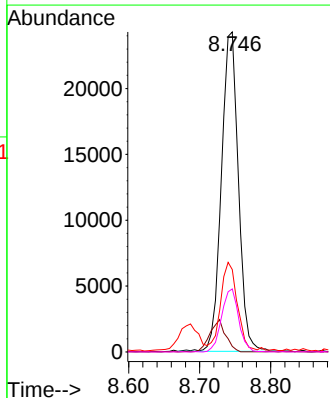
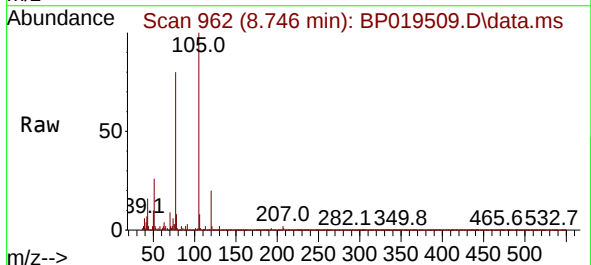
Manual Integrations
APPROVED

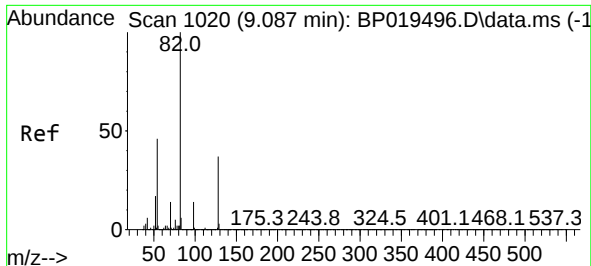
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Acetophenone
Concen: 4.349 ng
RT: 8.746 min Scan# 962
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:	105	Resp:	40189
Ion	Ratio	Lower	Upper
105	100		
71	1.7	4.9	7.3
51	25.8	20.7	31.1
120	19.7	15.8	23.8





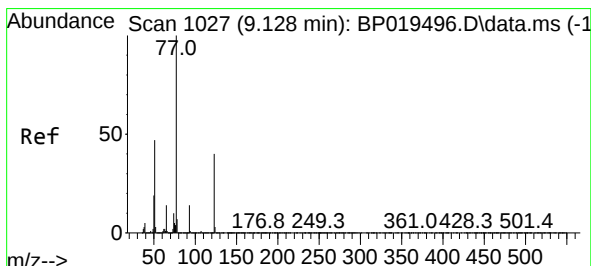
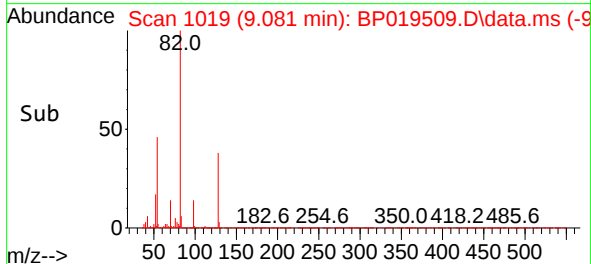
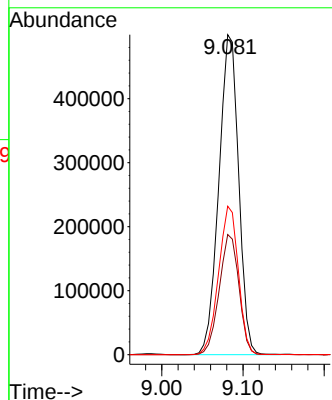
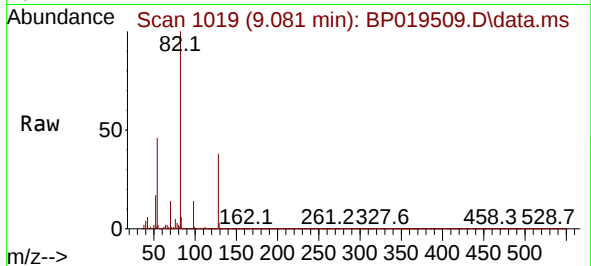
#23
Nitrobenzene-d5
Concen: 113.303 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion: 82 Resp: 84818
Ion Ratio Lower Upper
82 100
128 37.6 29.7 44.5
54 46.4 36.8 55.2

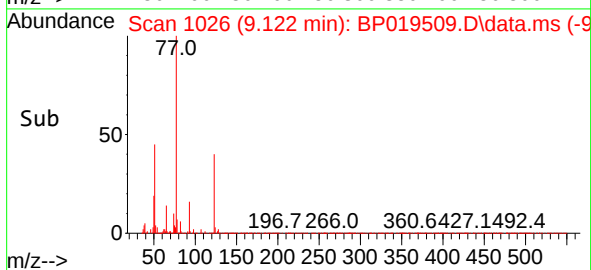
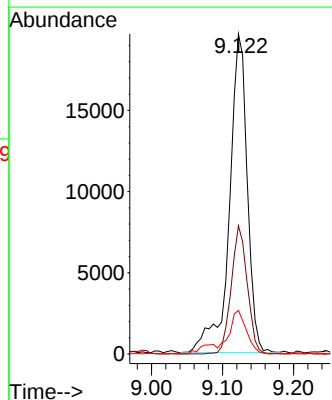
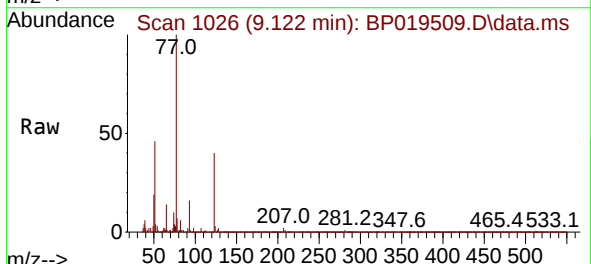
Manual Integrations
APPROVED

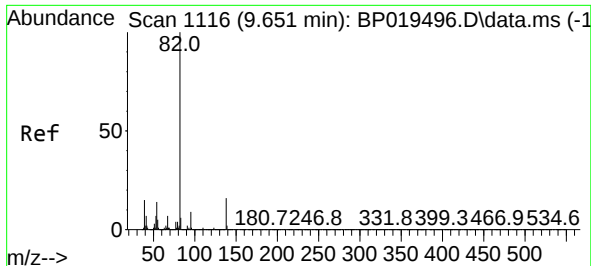
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Nitrobenzene
Concen: 4.573 ng
RT: 9.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion: 77 Resp: 34471
Ion Ratio Lower Upper
77 100
123 40.1 32.3 48.5
65 13.6 11.6 17.4





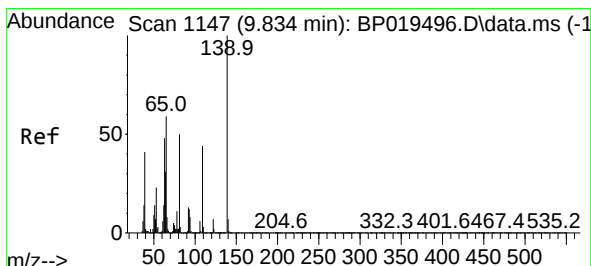
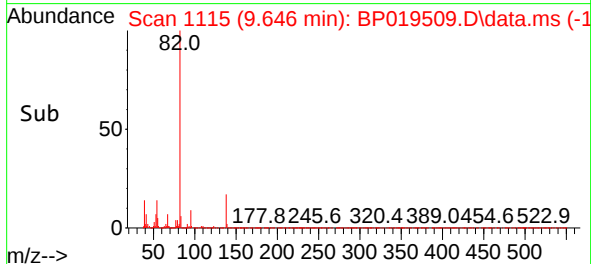
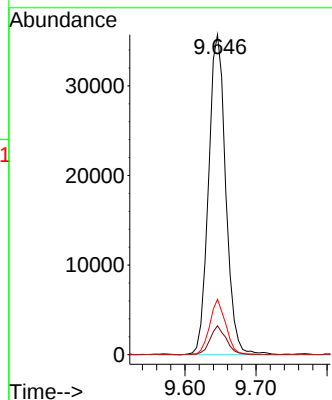
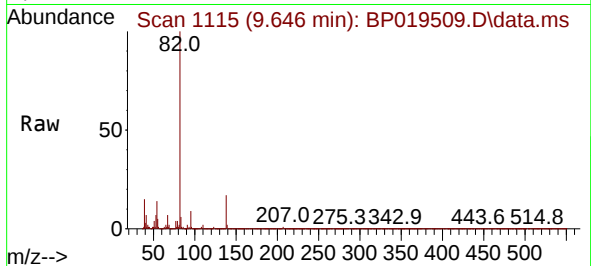
#25
Isophorone
Concen: 4.607 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion: 82 Resp: 60060
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.4
138 17.3 13.1 19.7

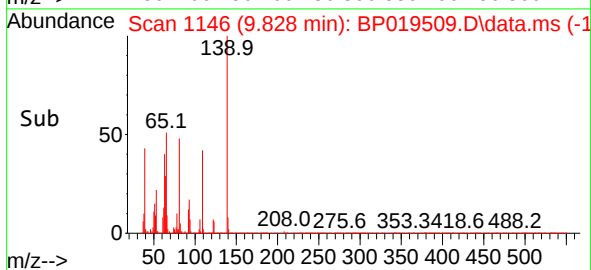
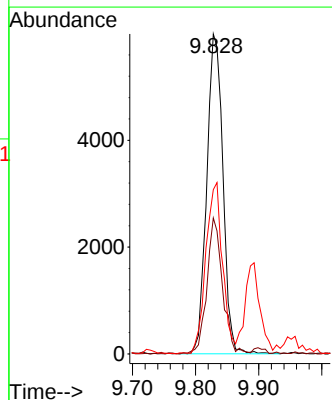
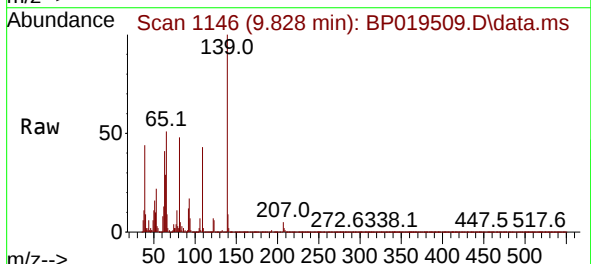
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 3.703 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

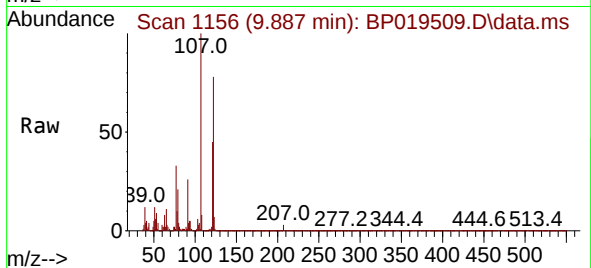
Tgt Ion:139 Resp: 10642
Ion Ratio Lower Upper
139 100
109 42.5 34.9 52.3
65 51.4 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 5.110 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.011 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

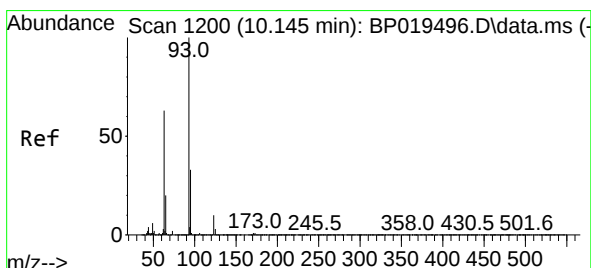
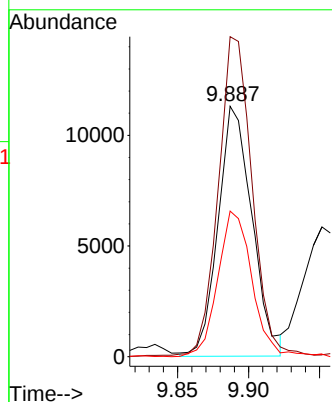
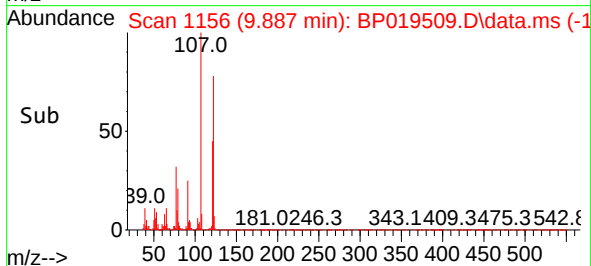
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:122 Resp: 1877
Ion Ratio Lower Upper
122 100
107 127.8 105.9 158.9
121 58.1 47.5 71.3

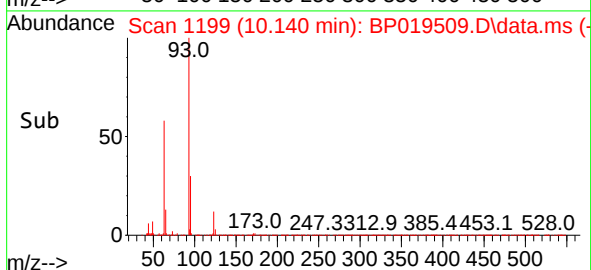
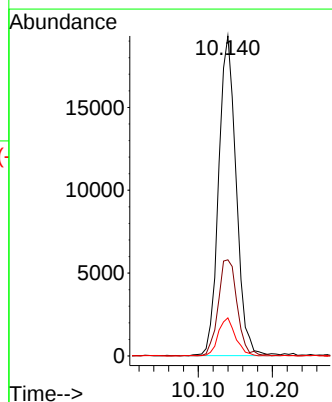
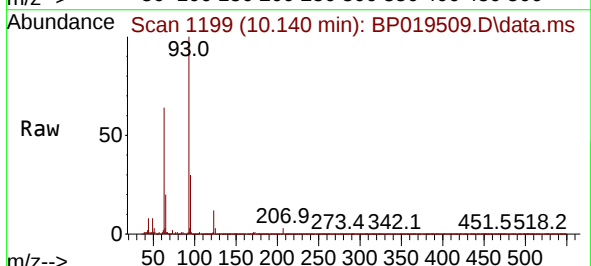
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 4.294 ng
RT: 10.140 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

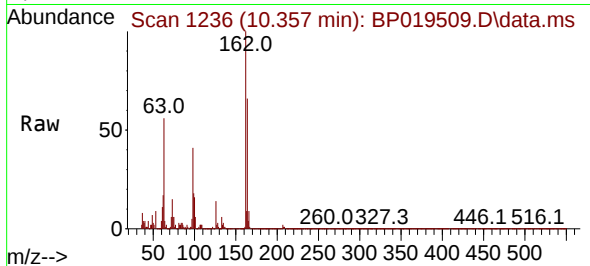
Tgt Ion: 93 Resp: 31674
Ion Ratio Lower Upper
93 100
95 30.1 26.2 39.4
123 11.9 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 4.127 ng
RT: 10.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

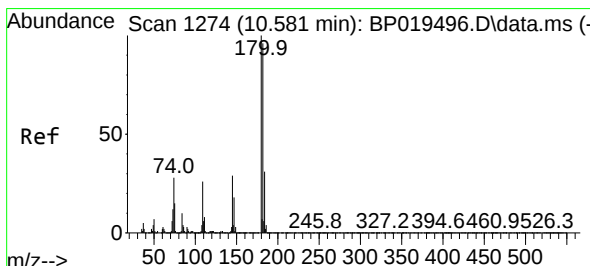
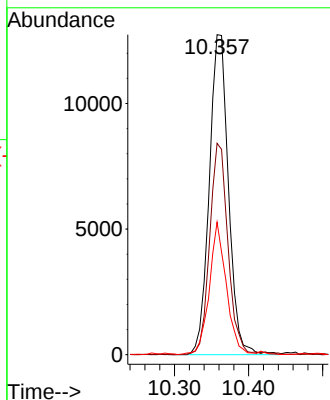
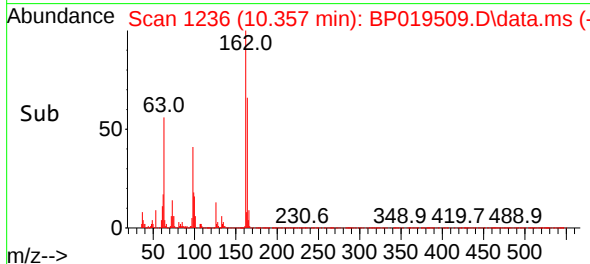
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:162 Resp: 2292
Ion Ratio Lower Upper
162 100
164 66.1 46.0 86.0
98 41.4 18.7 58.7

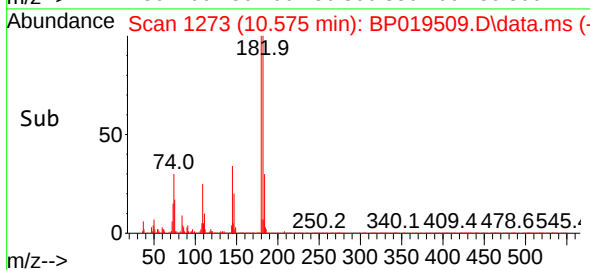
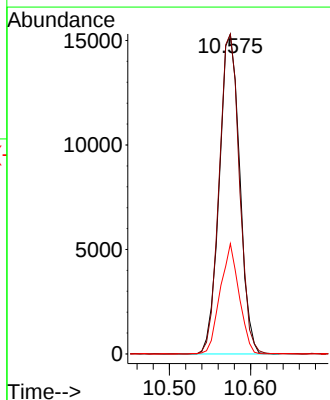
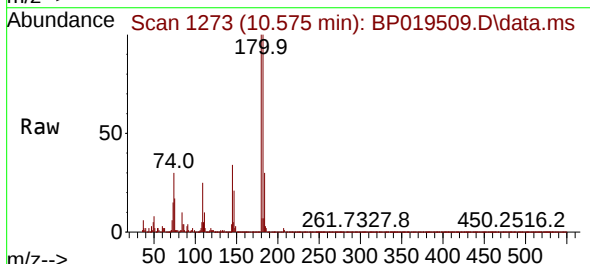
Manual Integrations
APPROVED

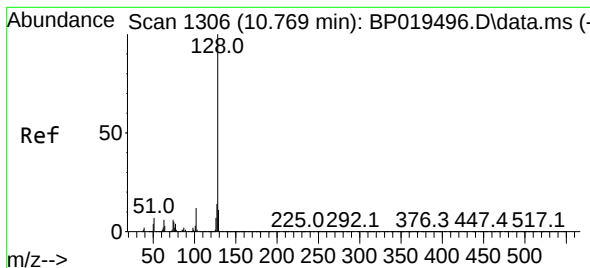
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.918 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

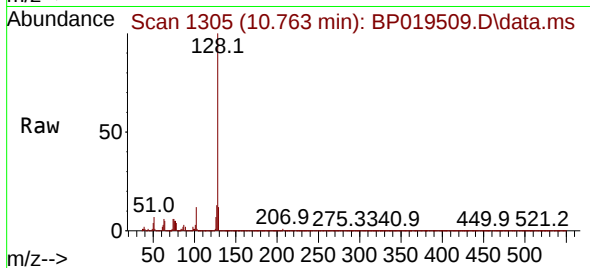
Tgt Ion:180 Resp: 26684
Ion Ratio Lower Upper
180 100
182 100.1 77.0 115.6
145 34.5 23.2 34.8





#31
Naphthalene
Concen: 4.115 ng
RT: 10.763 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

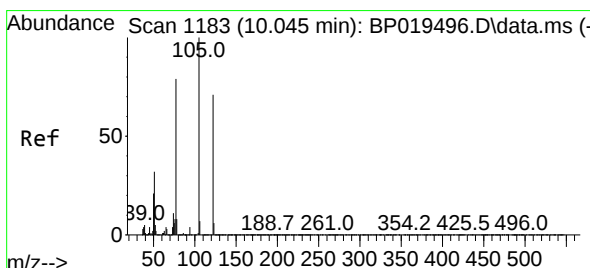
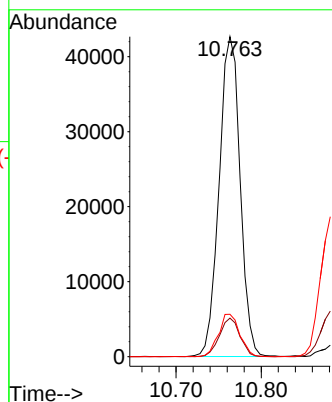
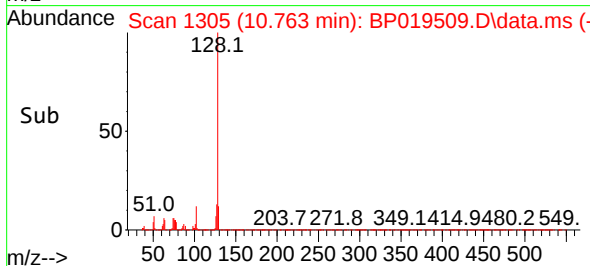
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:128 Resp: 73215
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 13.3 10.8 16.2

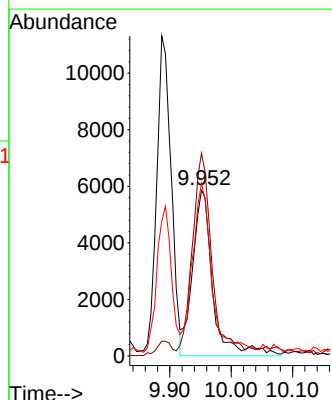
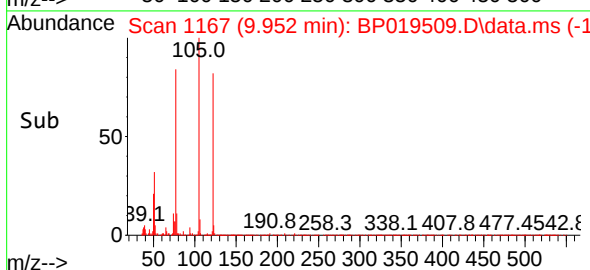
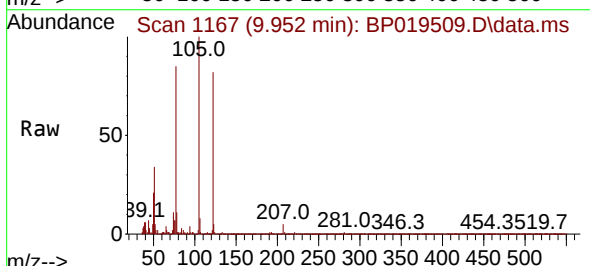
Manual Integrations
APPROVED

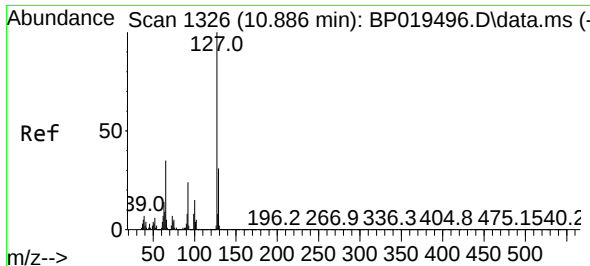
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#32
Benzoic acid
Concen: 3.737 ng m
RT: 9.952 min Scan# 1167
Delta R.T. -0.094 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:122 Resp: 13381
Ion Ratio Lower Upper
122 100
105 122.3 118.8 158.8
77 104.2 91.7 131.7





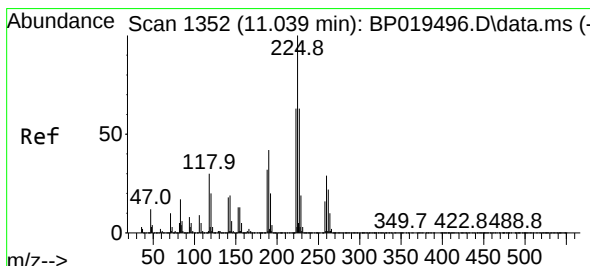
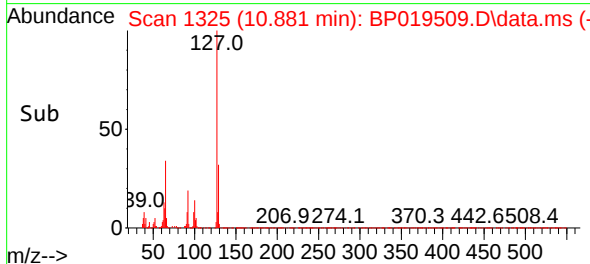
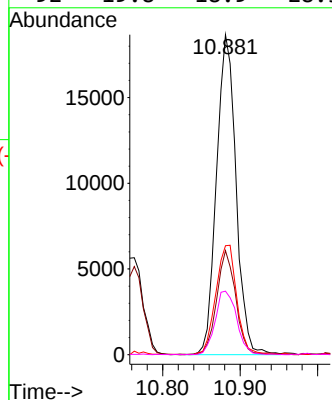
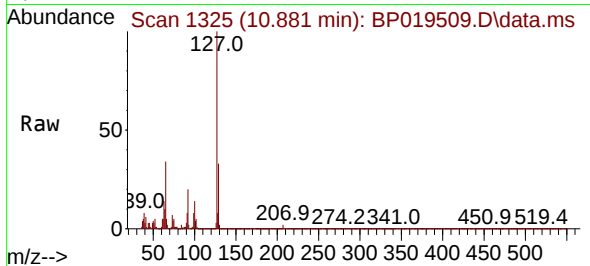
#33
4-Chloroaniline
Concen: 4.965 ng
RT: 10.881 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.6	36.8
65	34.1	28.2	42.4
92	19.8	18.9	28.3

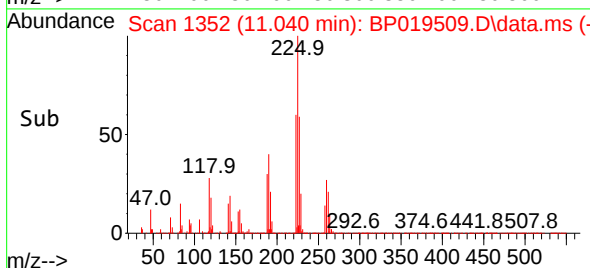
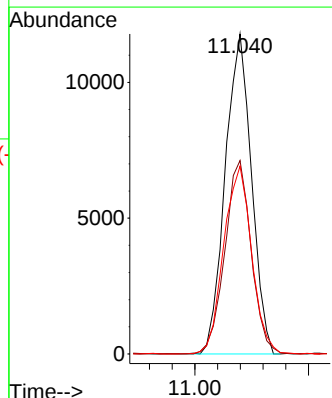
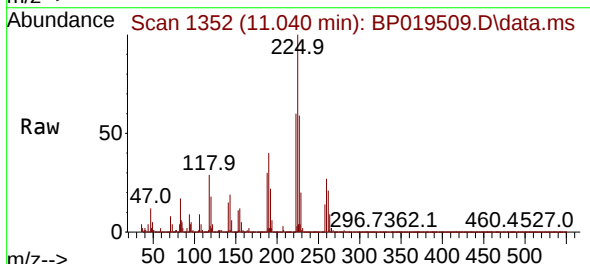
Manual Integrations
APPROVED

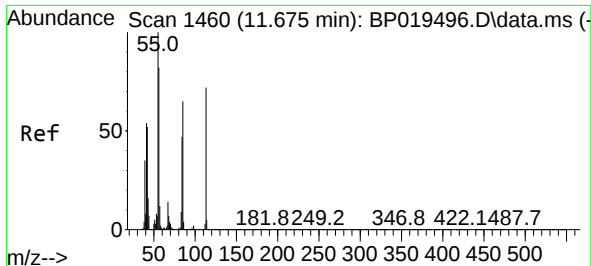
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#34
Hexachlorobutadiene
Concen: 3.736 ng
RT: 11.040 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

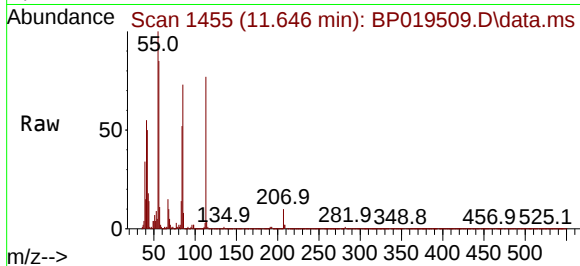
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.5	75.7
227	62.7	50.2	75.2





#35
Caprolactam
Concen: 5.519 ng
RT: 11.646 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

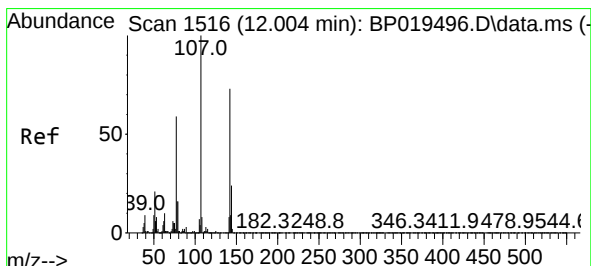
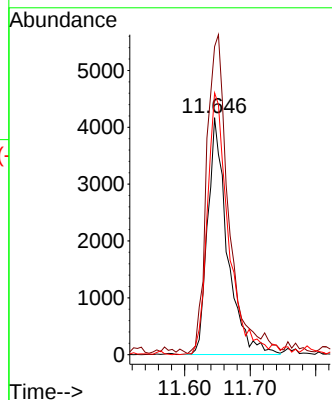
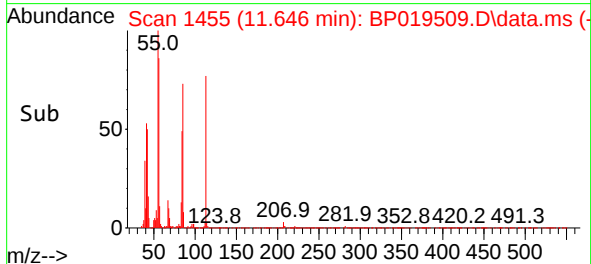
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



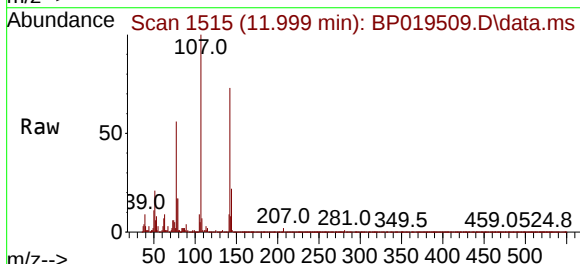
Tgt Ion:113 Resp: 8679
Ion Ratio Lower Upper
113 100
55 130.0 120.0 160.0
56 110.4 94.0 134.0

Manual Integrations
APPROVED

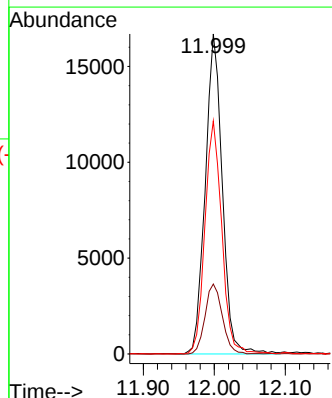
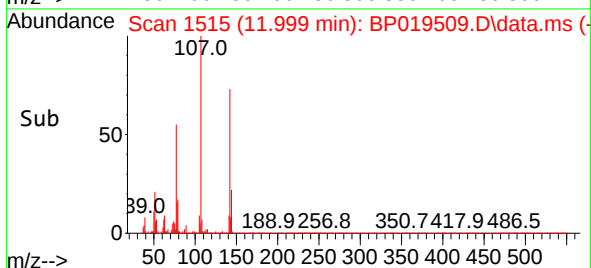
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

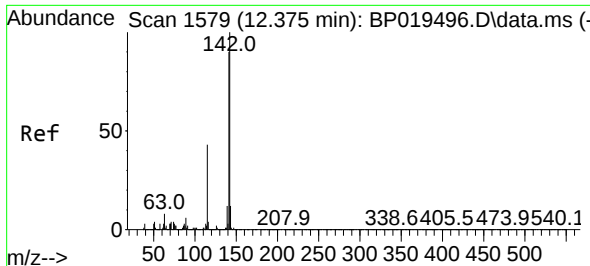


#36
4-Chloro-3-methylphenol
Concen: 4.612 ng
RT: 11.999 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



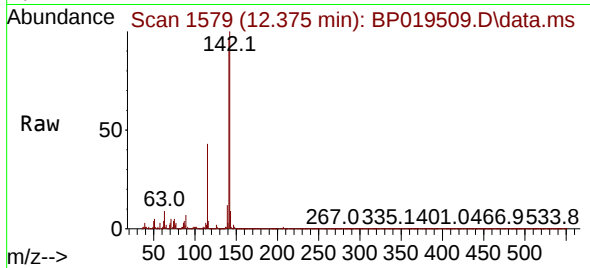
Tgt Ion:107 Resp: 27933
Ion Ratio Lower Upper
107 100
144 21.8 19.0 28.4
142 72.8 58.6 88.0





#37
2-Methylnaphthalene
Concen: 4.358 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

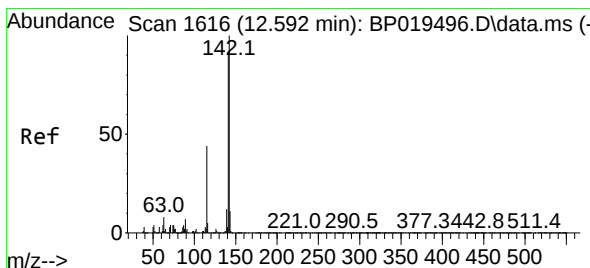
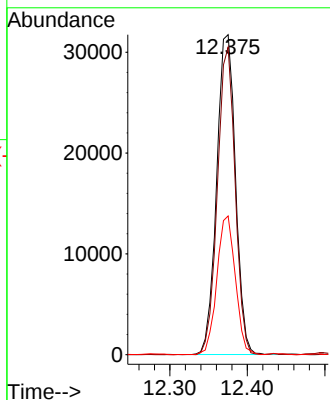
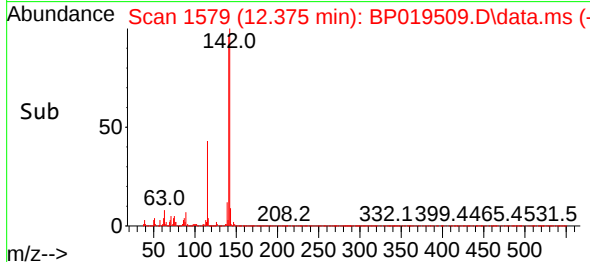
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



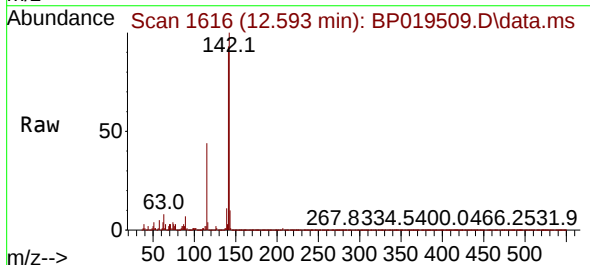
Tgt Ion:142 Resp: 53652
Ion Ratio Lower Upper
142 100
141 96.1 72.2 108.4
115 43.3 34.2 51.2

Manual Integrations
APPROVED

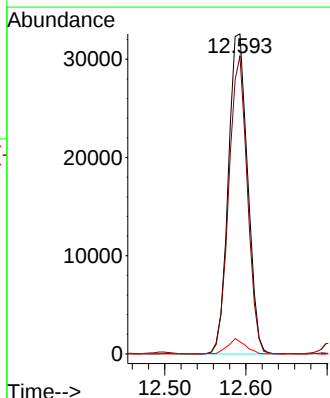
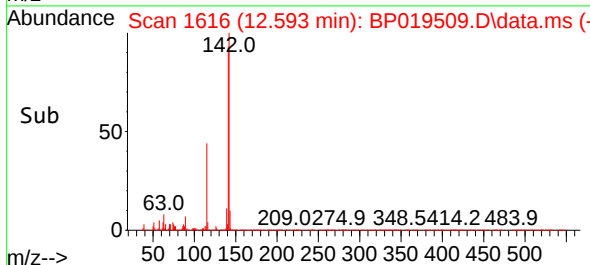
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

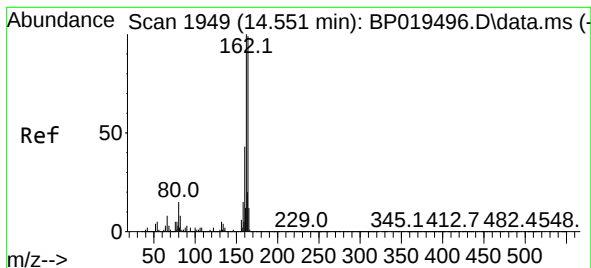


#38
1-Methylnaphthalene
Concen: 4.443 ng
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



Tgt Ion:142 Resp: 53761
Ion Ratio Lower Upper
142 100
141 93.1 74.0 111.0
116 3.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1948

Delta R.T. -0.005 min

Lab File: BP019509.D

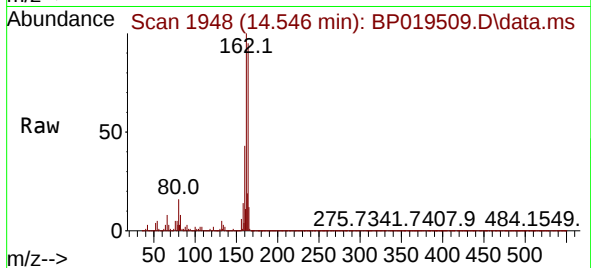
Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

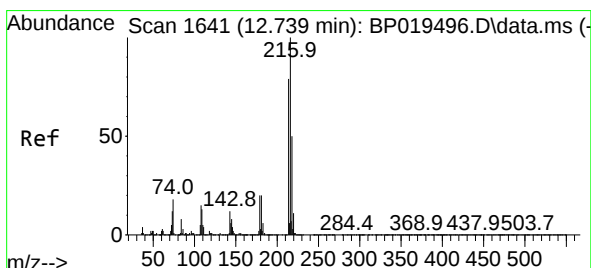
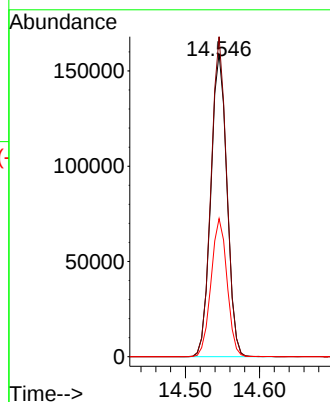


Tgt Ion:	164	Resp:	23941
Ion Ratio	Lower	Upper	
164	100		
162	105.6	81.2	121.8
160	45.6	35.1	52.7

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.856 ng

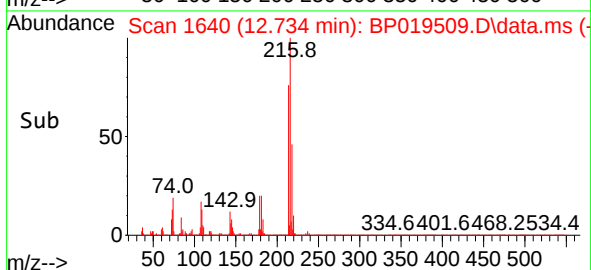
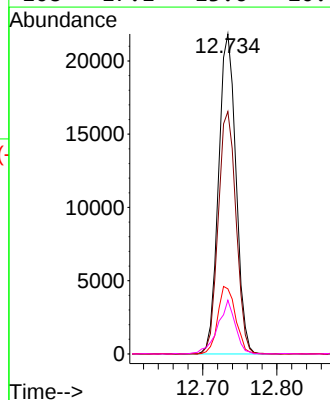
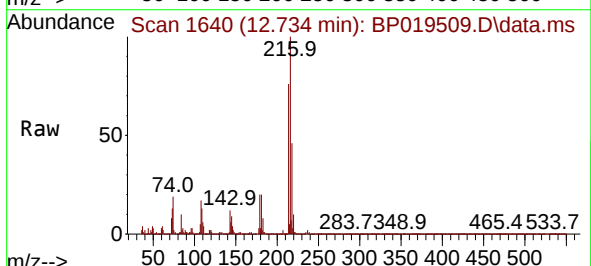
RT: 12.734 min Scan# 1640

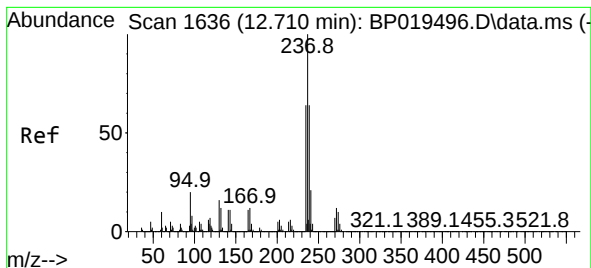
Delta R.T. -0.005 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Tgt Ion:	216	Resp:	35600
Ion Ratio	Lower	Upper	
216	100		
214	77.5	62.8	94.2
179	21.7	16.6	24.8
108	17.1	13.6	20.4





#41

Hexachlorocyclopentadiene

Concen: 3.929 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.005 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

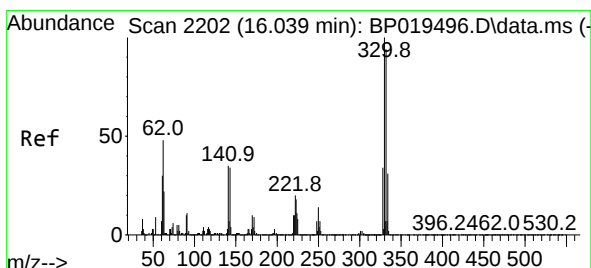
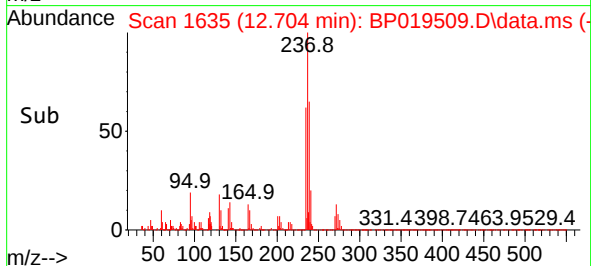
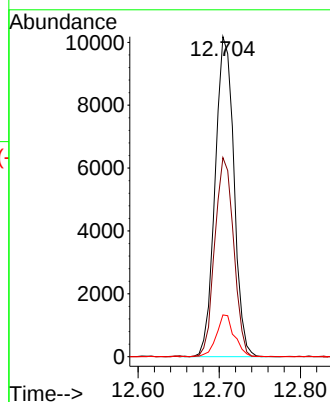
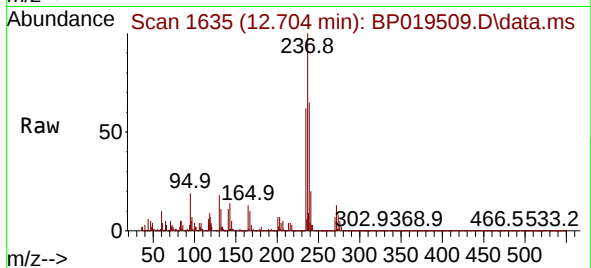
LOQ-SOIL-02-QT3-2023

Tgt Ion:	237	Resp:	1638
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.7	83.7
272	13.1	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: 90.374 ng

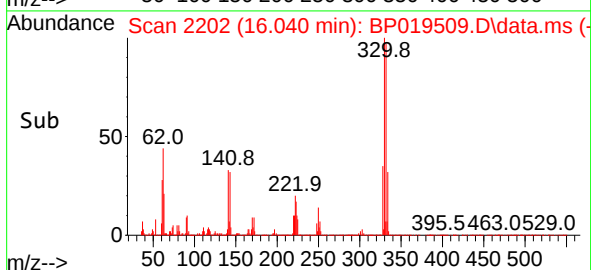
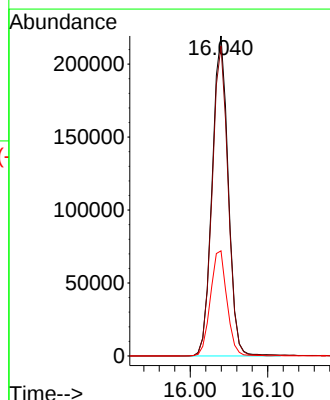
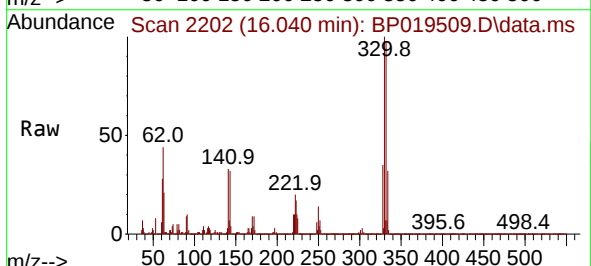
RT: 16.040 min Scan# 2202

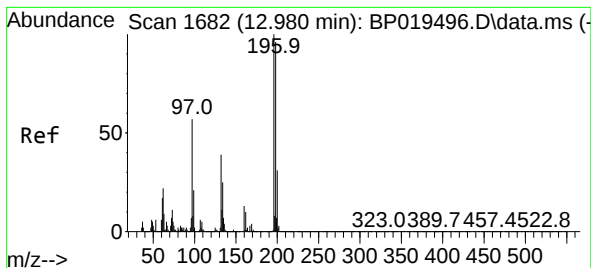
Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Tgt Ion:	330	Resp:	315914
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	33.7	27.0	40.4





#43

2,4,6-Trichlorophenol

Concen: 3.854 ng

RT: 12.981 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:196 Resp: 21550

Ion Ratio Lower Upper

196 100

198 99.1 76.7 115.1

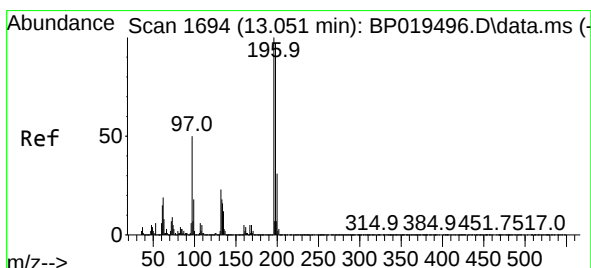
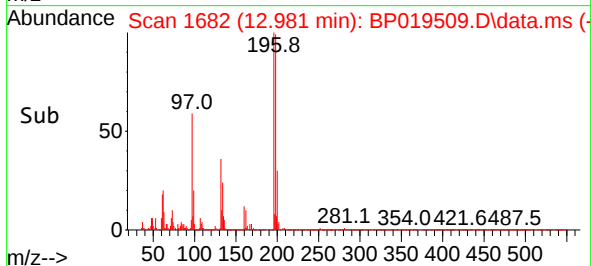
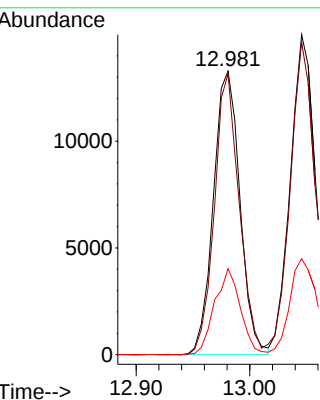
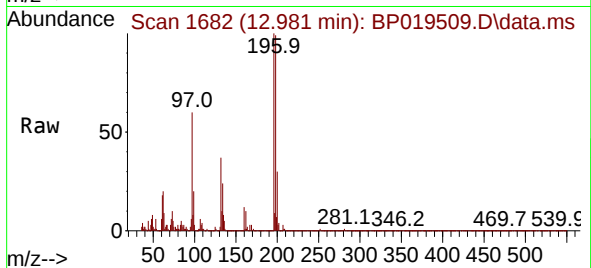
200 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#44

2,4,5-Trichlorophenol

Concen: 3.760 ng

RT: 13.046 min Scan# 1693

Delta R.T. -0.006 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Tgt Ion:196 Resp: 23082

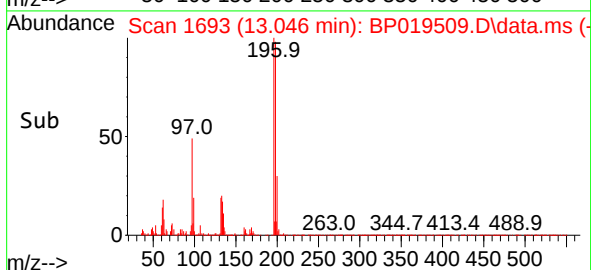
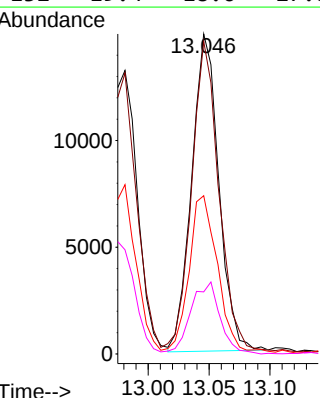
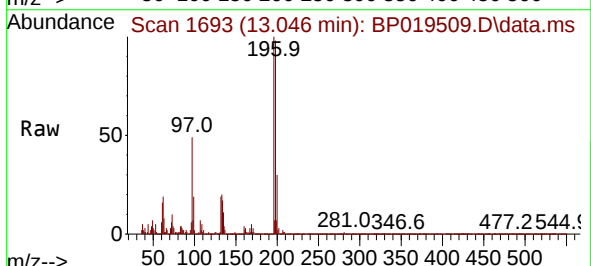
Ion Ratio Lower Upper

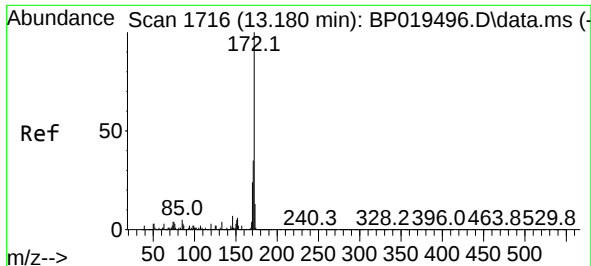
196 100

198 97.7 77.5 116.3

97 49.5 39.9 59.9

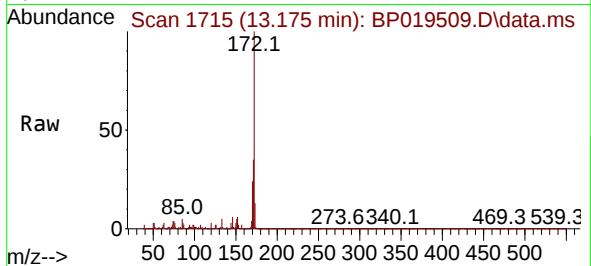
132 19.4 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 105.480 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

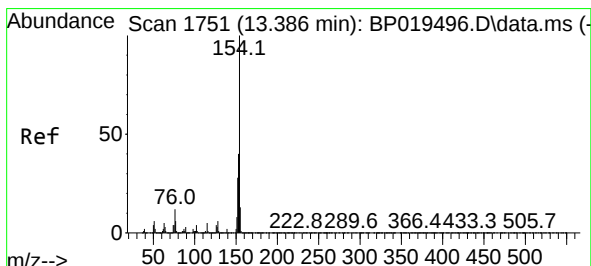
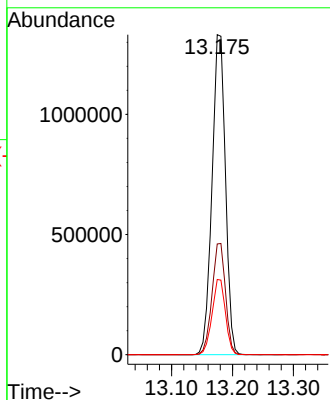
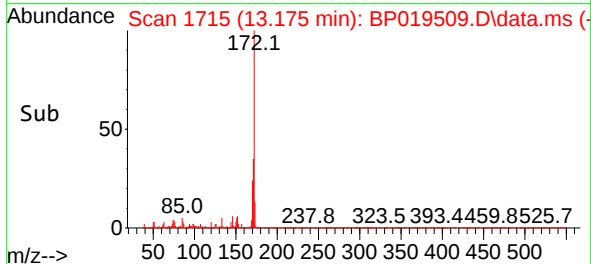
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:172 Resp: 2042792
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 23.5 18.9 28.3

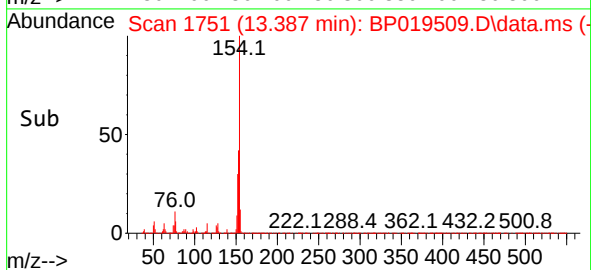
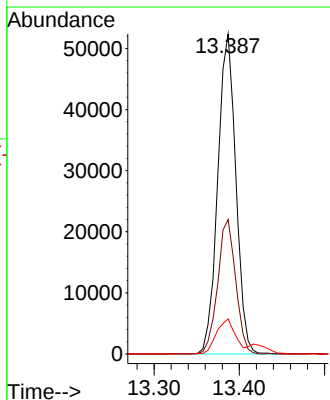
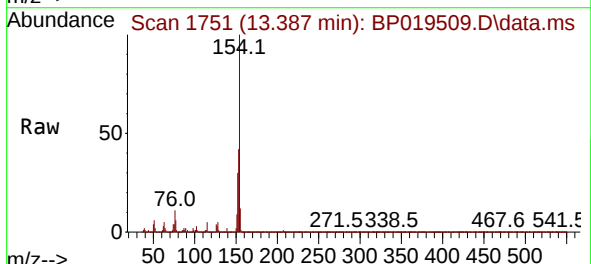
Manual Integrations
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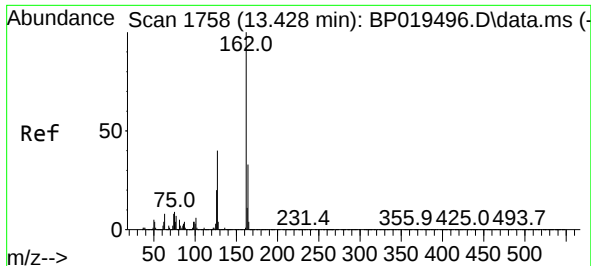
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#46
1,1'-Biphenyl
Concen: 4.041 ng
RT: 13.387 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:154 Resp: 77219
Ion Ratio Lower Upper
154 100
153 42.0 20.2 60.2
76 11.0 0.0 31.6





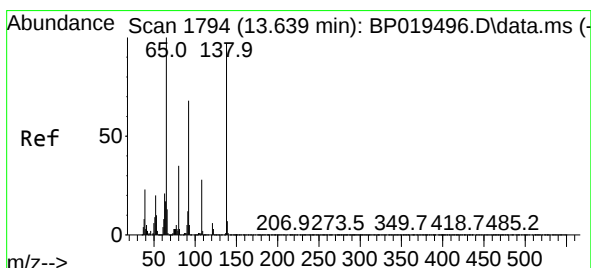
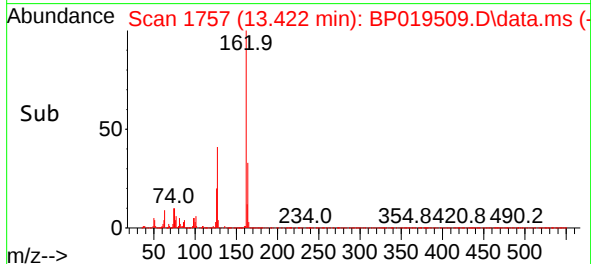
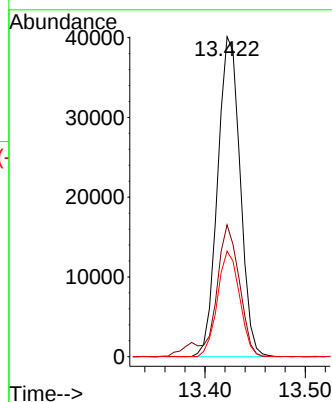
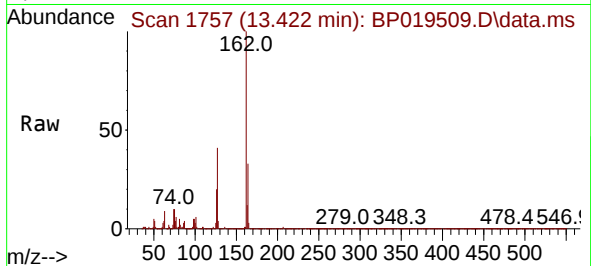
#47
2-Chloronaphthalene
Concen: 3.985 ng
RT: 13.422 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:162 Resp: 6250
Ion Ratio Lower Upper
162 100
127 41.2 32.1 48.1
164 32.9 26.7 40.1

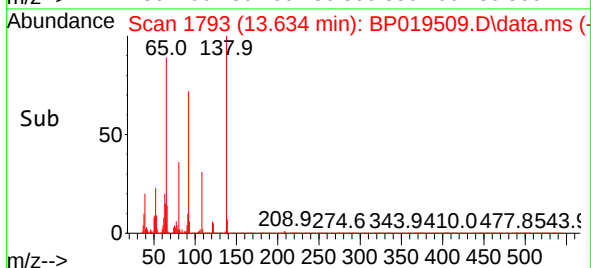
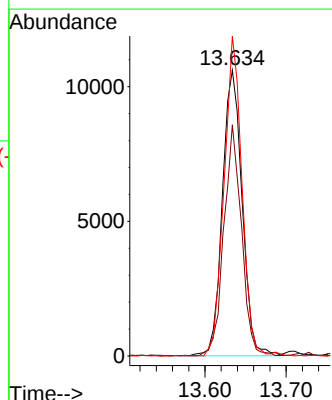
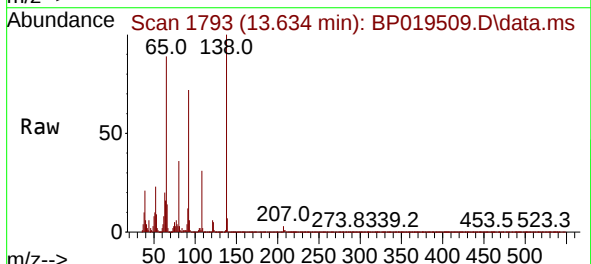
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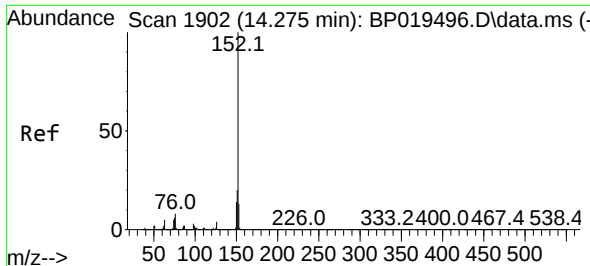
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#48
2-Nitroaniline
Concen: 4.085 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

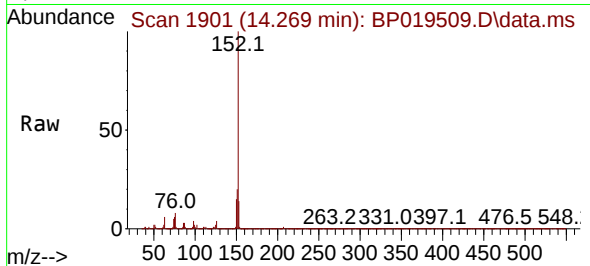
Tgt Ion: 65 Resp: 17916
Ion Ratio Lower Upper
65 100
92 80.9 54.7 82.1
138 112.0 77.8 116.6





#49
Acenaphthylene
Concen: 4.563 ng
RT: 14.269 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

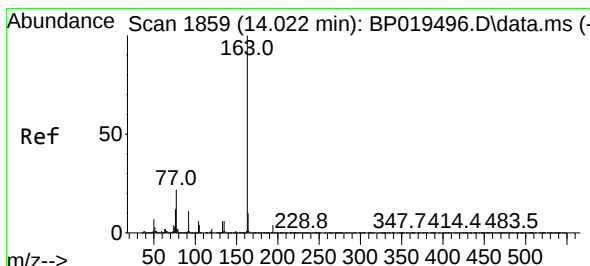
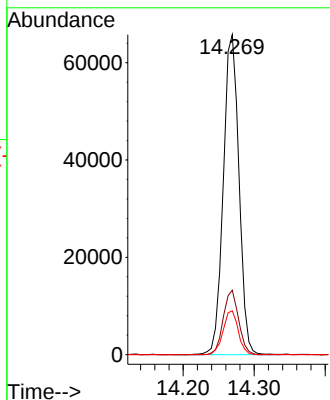
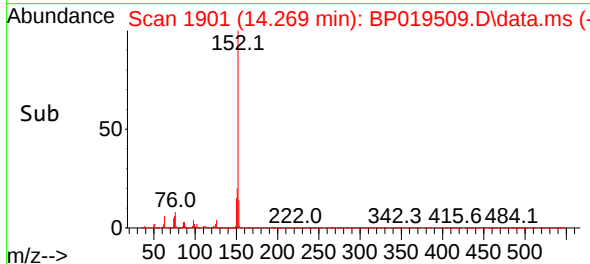
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



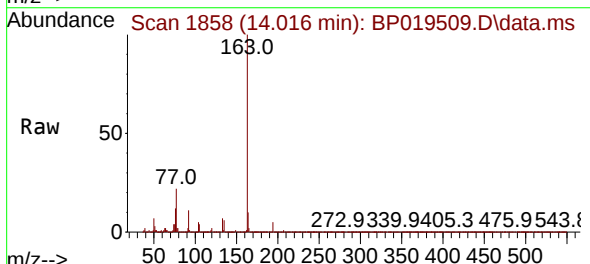
Tgt Ion:152 Resp: 10041
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.7 10.6 15.8

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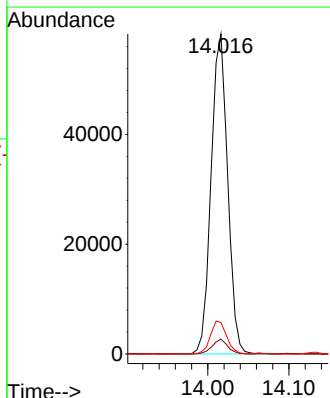
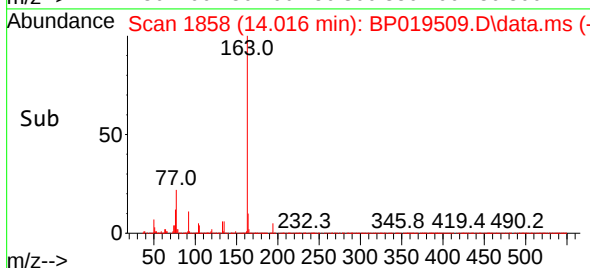
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

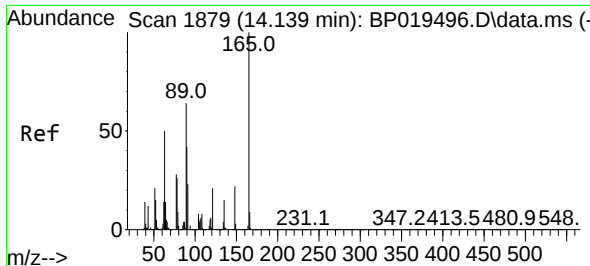


#50
Dimethylphthalate
Concen: 4.498 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



Tgt Ion:163 Resp: 82430
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 9.9 7.8 11.6





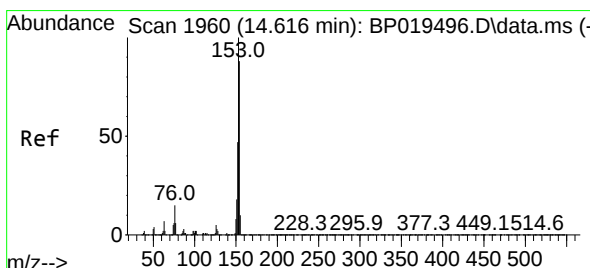
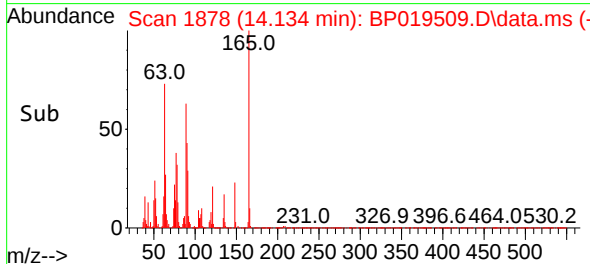
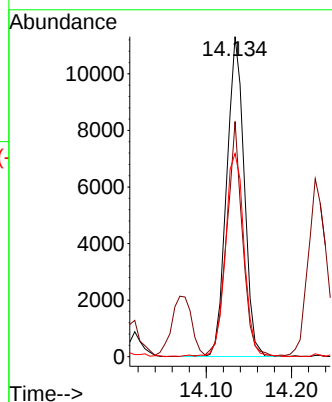
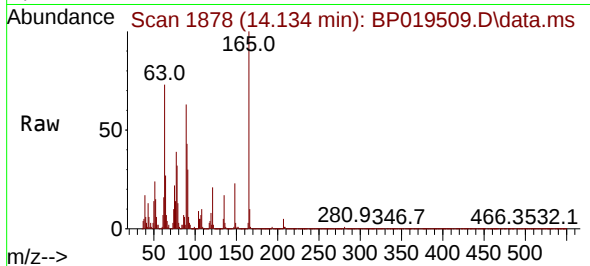
#51
2,6-Dinitrotoluene
Concen: 4.010 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:165 Resp: 16148
Ion Ratio Lower Upper
165 100
63 73.5 50.4 75.6
89 63.5 51.7 77.5

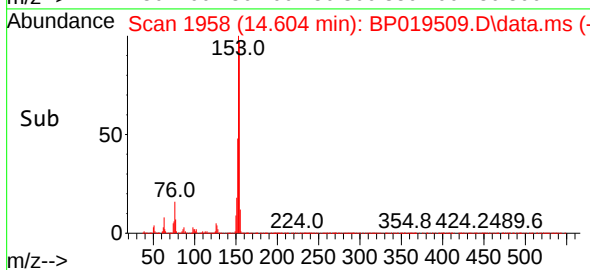
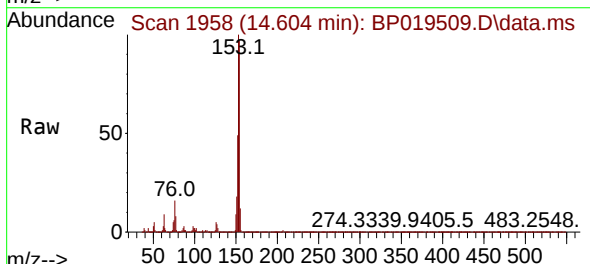
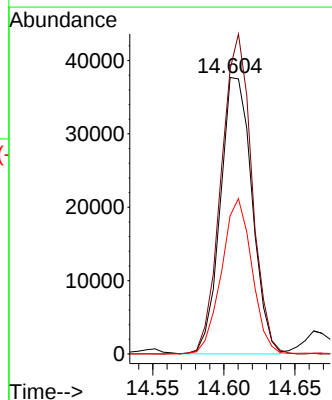
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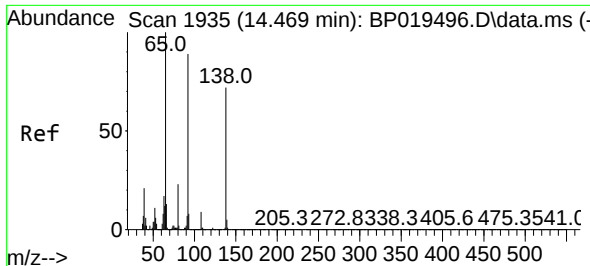
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#52
Acenaphthene
Concen: 4.275 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.011 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

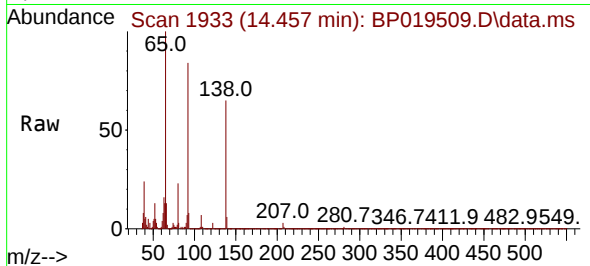
Tgt Ion:154 Resp: 58384
Ion Ratio Lower Upper
154 100
153 103.0 90.5 135.7
152 50.0 42.1 63.1





#53
3-Nitroaniline
Concen: 4.504 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

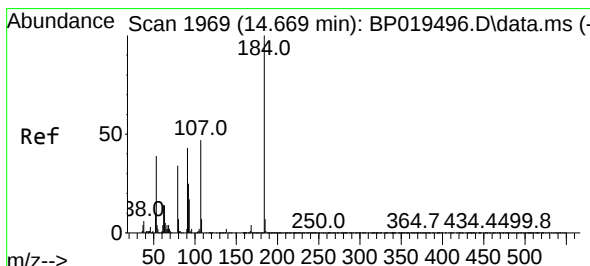
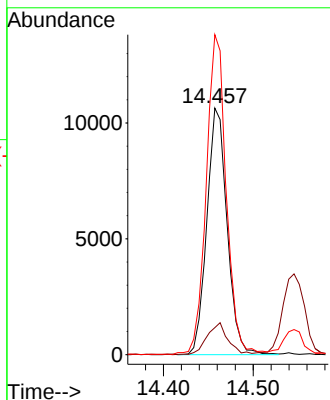
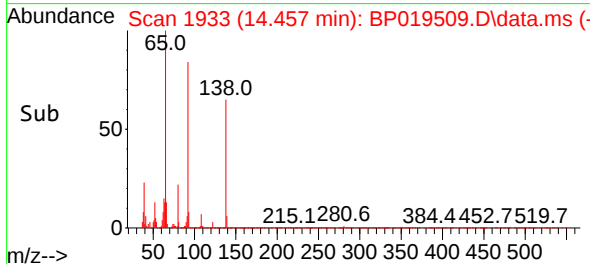
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:138 Resp: 1666
Ion Ratio Lower Upper
138 100
108 11.0 9.7 14.5
92 129.8 98.0 147.0

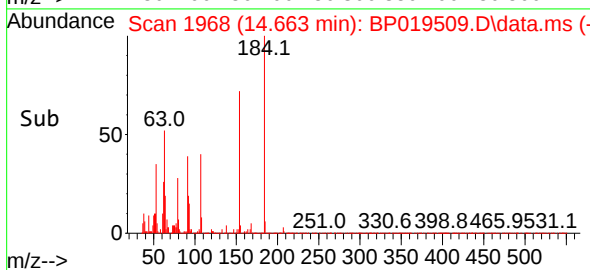
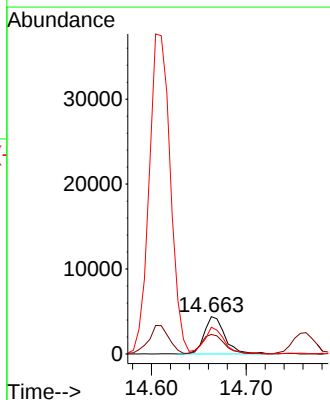
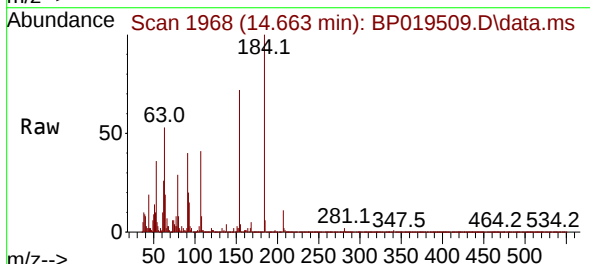
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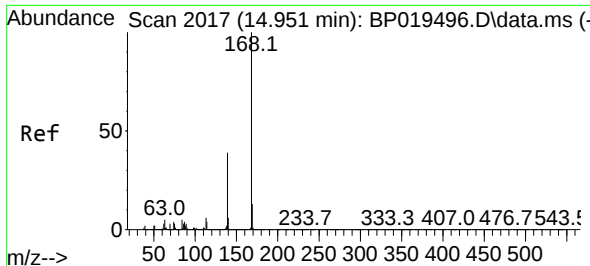
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#54
2,4-Dinitrophenol
Concen: 3.170 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

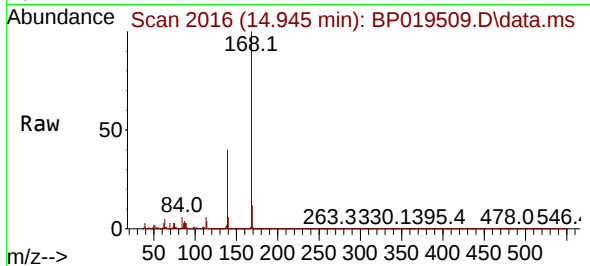
Tgt Ion:184 Resp: 6627
Ion Ratio Lower Upper
184 100
63 52.5 50.5 75.7
154 71.7 53.4 80.0





#55
Dibenzenofuran
Concen: 4.451 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

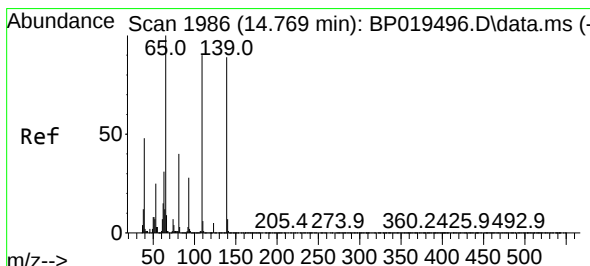
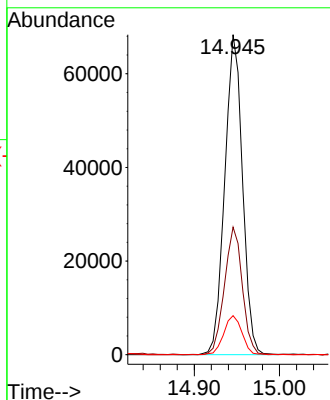
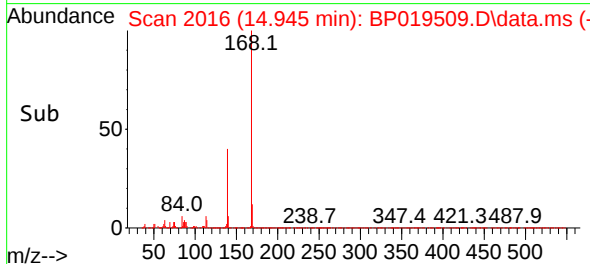
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



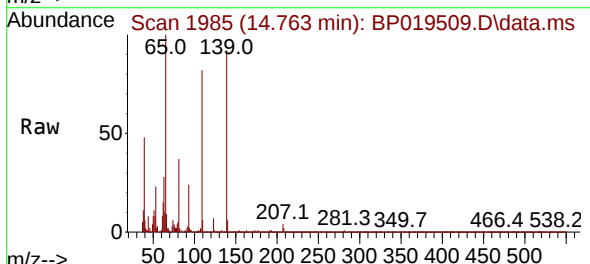
Tgt Ion:168 Resp: 99020
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 12.2 10.3 15.5

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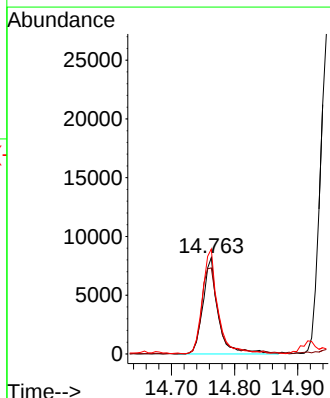
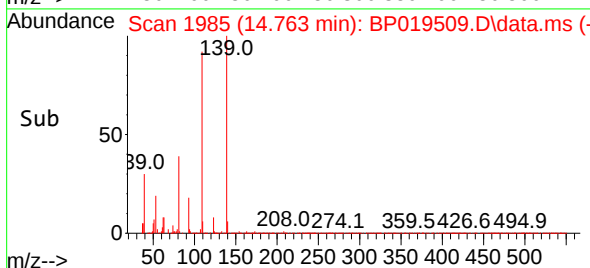
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

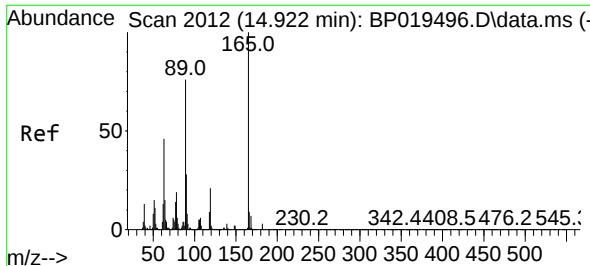


#56
4-Nitrophenol
Concen: 4.455 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



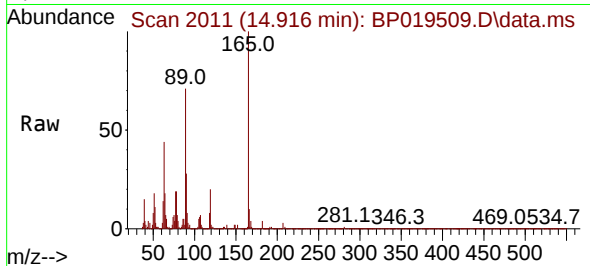
Tgt Ion:139 Resp: 13514
Ion Ratio Lower Upper
139 100
109 89.4 82.0 122.0
65 109.0 92.9 132.9





#57
2,4-Dinitrotoluene
Concen: 4.164 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

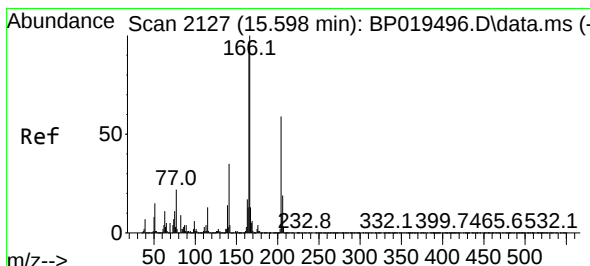
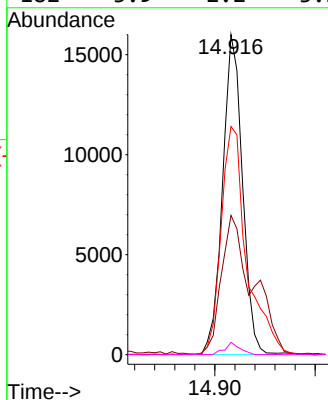
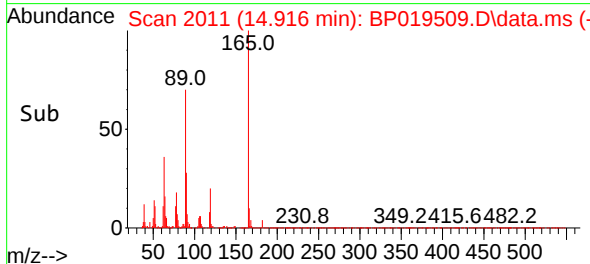
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:165 Resp: 21972
Ion Ratio Lower Upper
165 100
63 43.5 36.9 55.3
89 71.3 61.1 91.7
182 3.9 2.2 3.2#

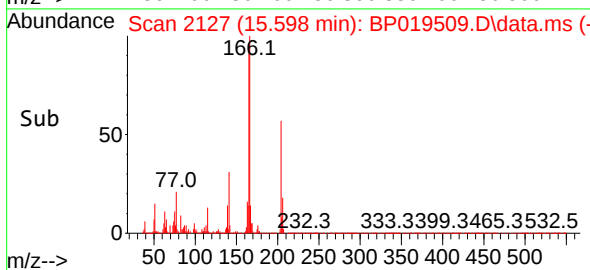
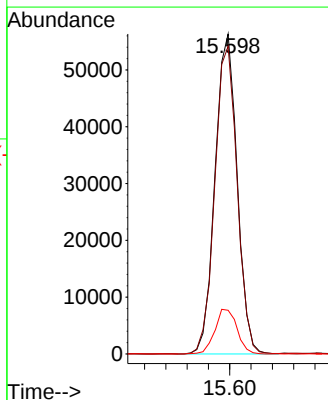
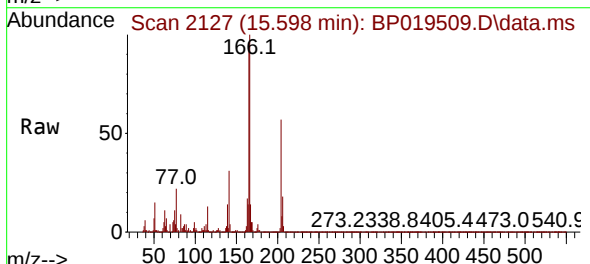
Manual Integrations
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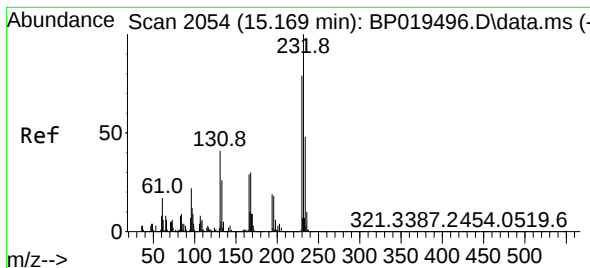
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#58
Fluorene
Concen: 4.558 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:166 Resp: 80752
Ion Ratio Lower Upper
166 100
165 96.1 77.8 116.8
167 13.6 10.7 16.1





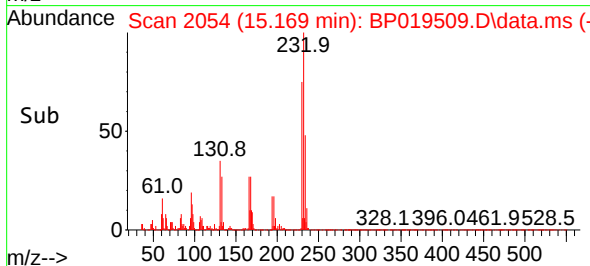
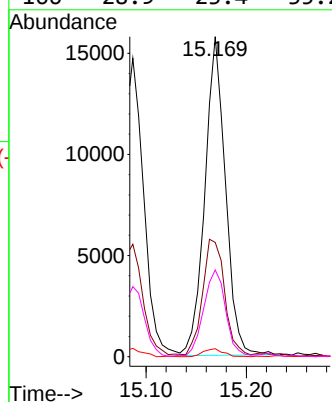
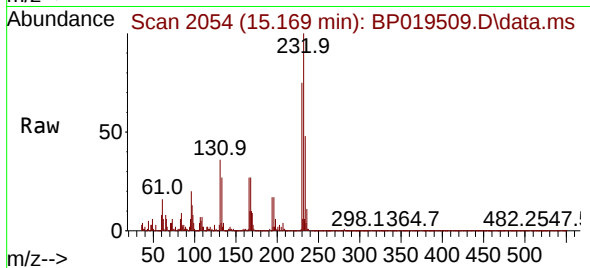
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.362 ng
RT: 15.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:	232	Resp:	22524
Ion Ratio	Lower	Upper	
232	100		
131	38.7	32.4	48.6
130	2.4	1.9	2.9
166	28.9	23.4	35.2

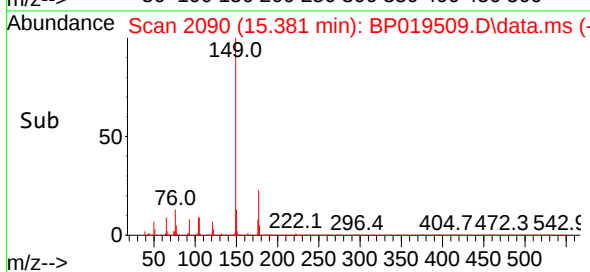
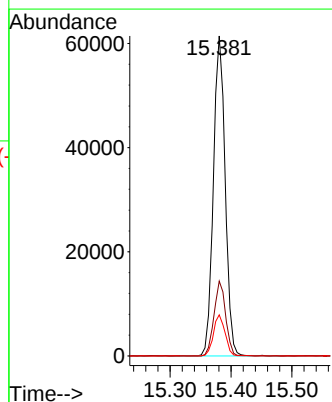
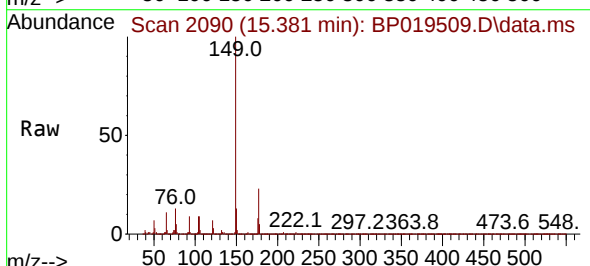
Manual Integrations
APPROVED

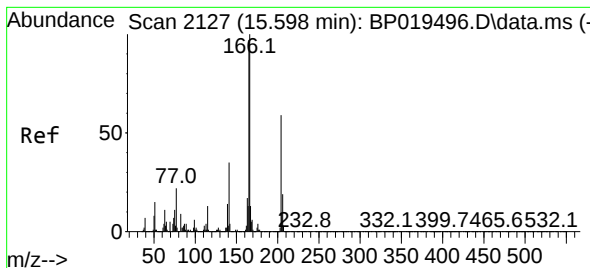
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#60
Diethylphthalate
Concen: 4.543 ng
RT: 15.381 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

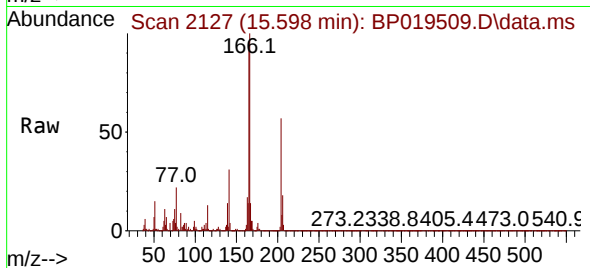
Tgt Ion:	149	Resp:	82824
Ion Ratio	Lower	Upper	
149	100		
177	23.4	18.2	27.2
150	12.8	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 4.475 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

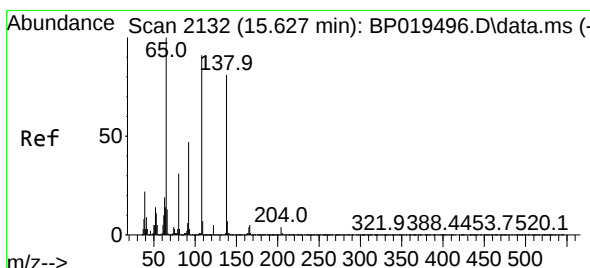
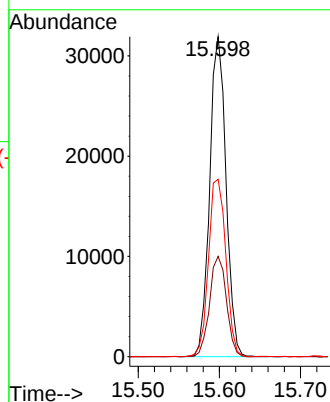
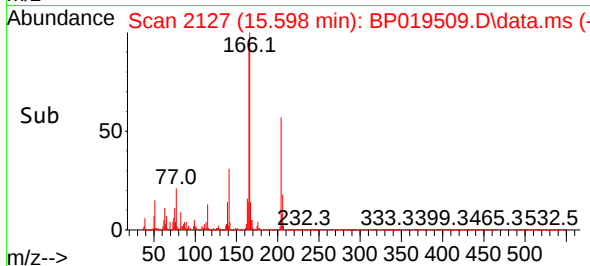
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:204 Resp: 4456
Ion Ratio Lower Upper
204 100
206 31.3 26.5 39.7
141 55.4 48.5 72.7

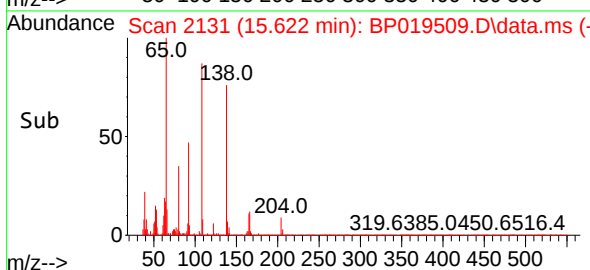
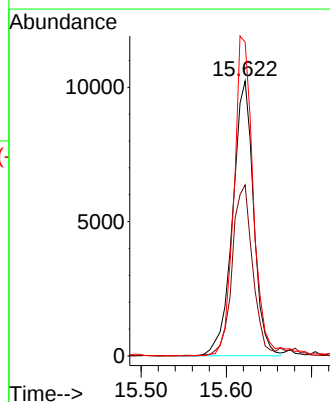
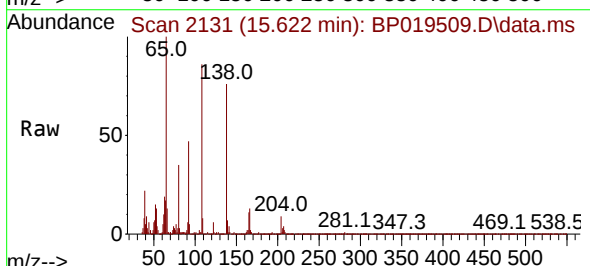
Manual Integrations
APPROVED

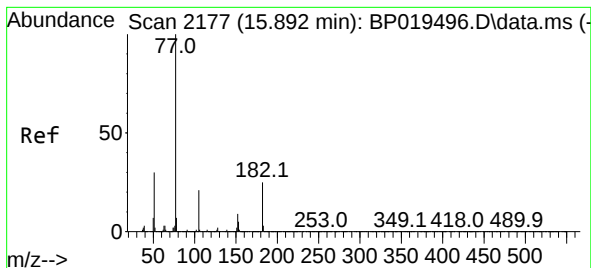
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#62
4-Nitroaniline
Concen: 4.500 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:138 Resp: 17456
Ion Ratio Lower Upper
138 100
92 62.2 38.3 78.3
108 114.1 91.2 131.2





#63

Azobenzene

Concen: 4.402 ng

RT: 15.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

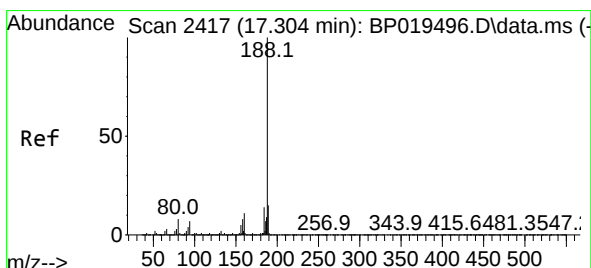
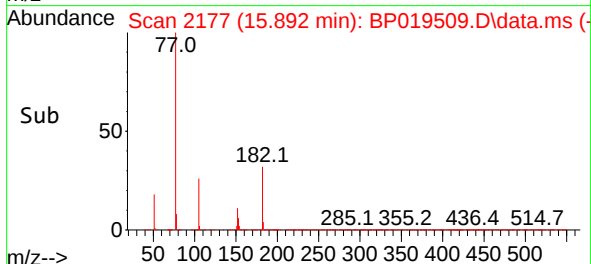
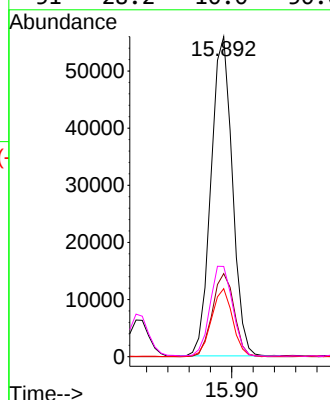
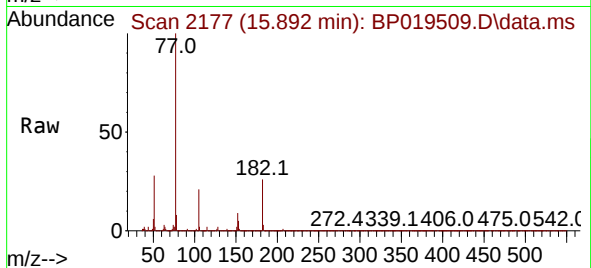
LOQ-SOIL-02-QT3-2023

Tgt Ion: 77	Resp: 77590
Ion Ratio	Lower Upper
77 100	
182 25.9	5.1 45.1
105 21.3	0.8 40.8
51 28.2	10.0 50.0

Manual Integrations

APPROVED

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



#64

Phenanthrene-d10

Concen: 20.000 ng

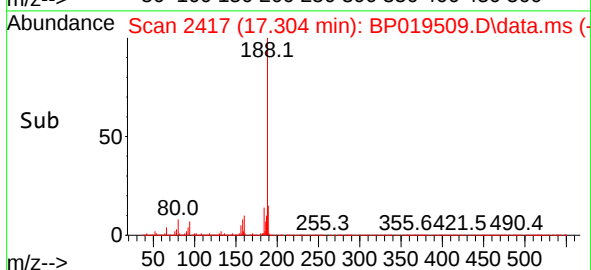
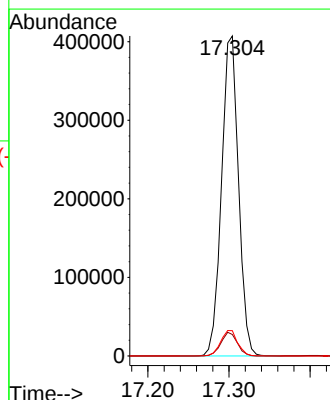
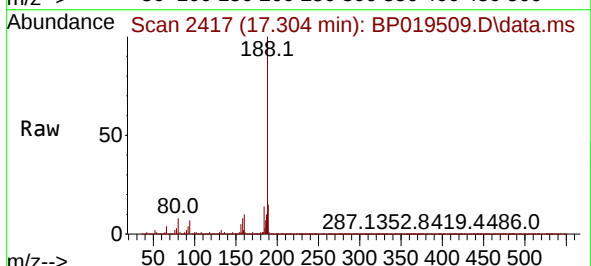
RT: 17.304 min Scan# 2417

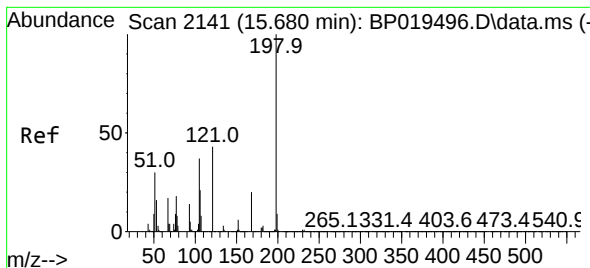
Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Tgt Ion:188	Resp: 591313
Ion Ratio	Lower Upper
188 100	
94 6.7	5.4 8.2
80 7.9	6.3 9.5





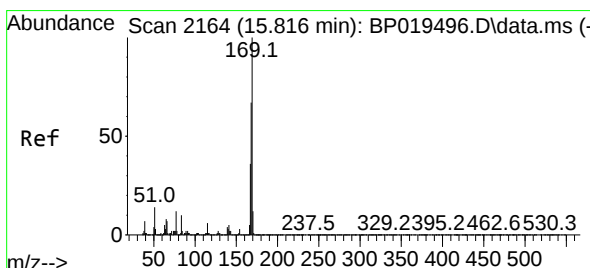
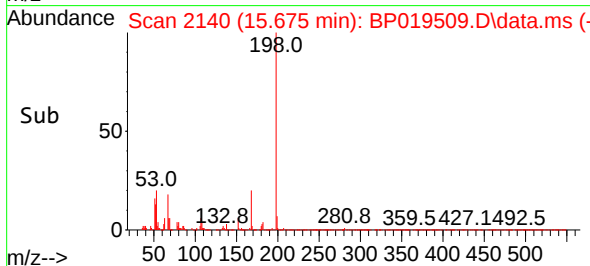
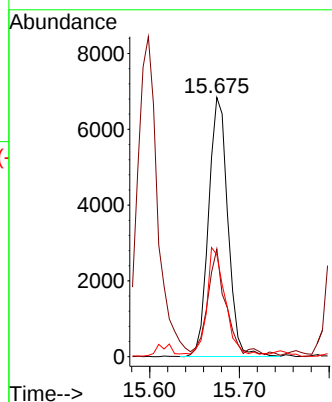
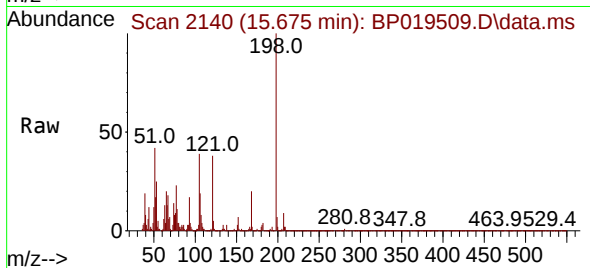
#65
4,6-Dinitro-2-methylphenol
Concen: 3.024 ng
RT: 15.675 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:198 Resp: 10198
Ion Ratio Lower Upper
198 100
51 41.5 21.2 61.2
105 39.3 19.1 59.1

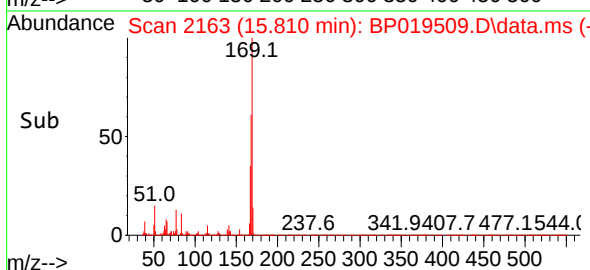
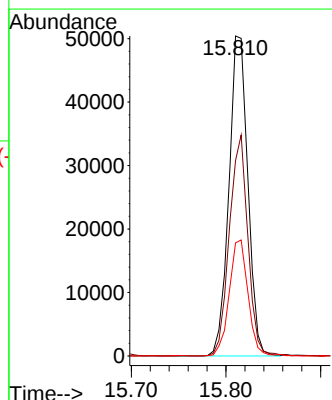
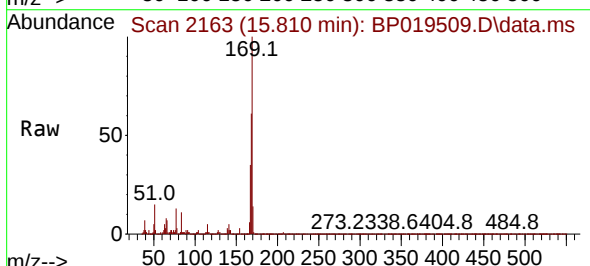
Manual Integrations
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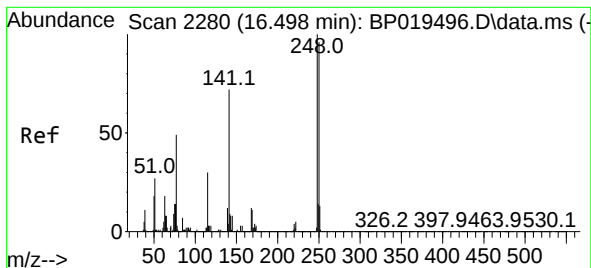
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#66
n-Nitrosodiphenylamine
Concen: 3.952 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

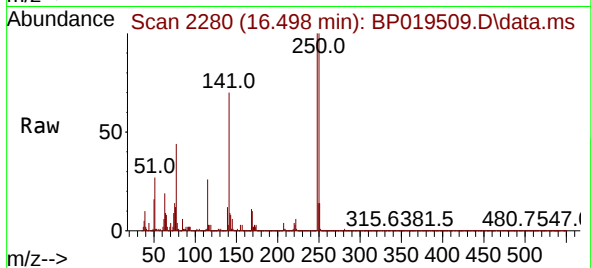
Tgt Ion:169 Resp: 69995
Ion Ratio Lower Upper
169 100
168 61.1 53.4 80.2
167 35.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 3.798 ng
RT: 16.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

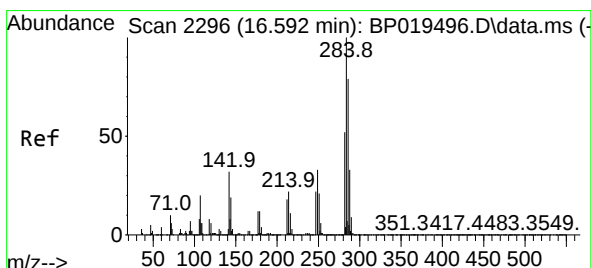
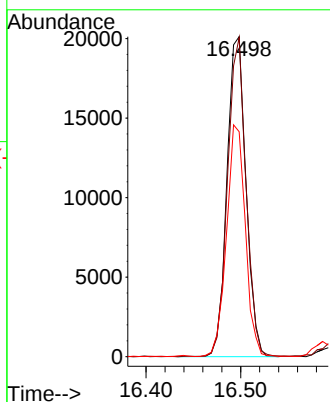
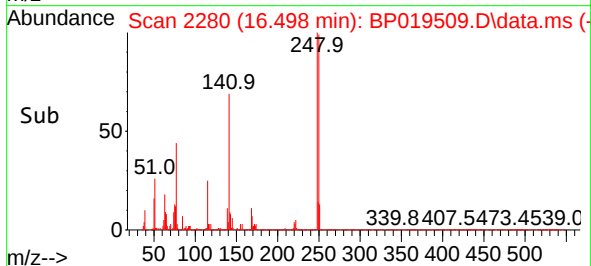
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:248 Resp: 2807
Ion Ratio Lower Upper
248 100
250 99.7 76.9 115.3
141 70.3 58.0 87.0

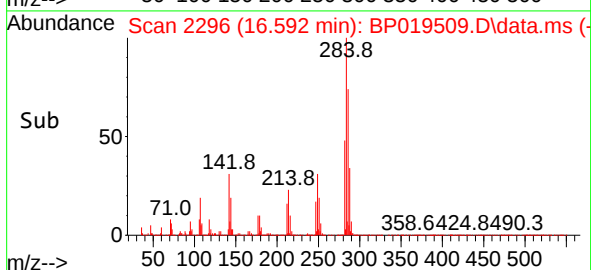
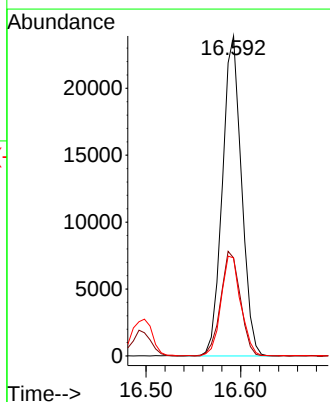
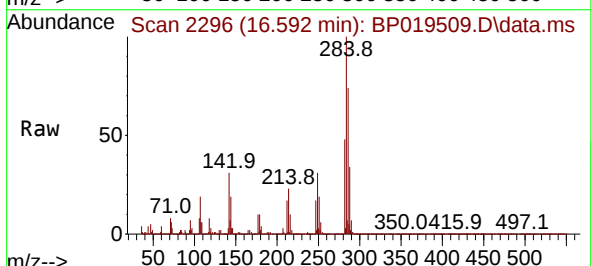
Manual Integrations
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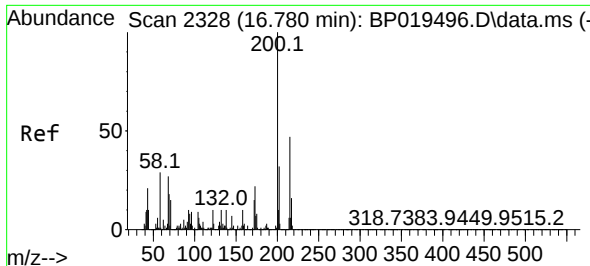
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#68
Hexachlorobenzene
Concen: 3.883 ng
RT: 16.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

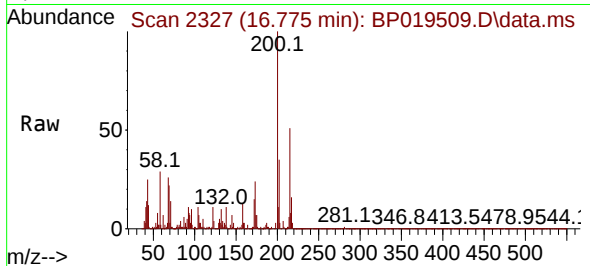
Tgt Ion:284 Resp: 33518
Ion Ratio Lower Upper
284 100
142 30.6 25.4 38.2
249 30.7 26.5 39.7





#69
Atrazine
Concen: 5.113 ng
RT: 16.775 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

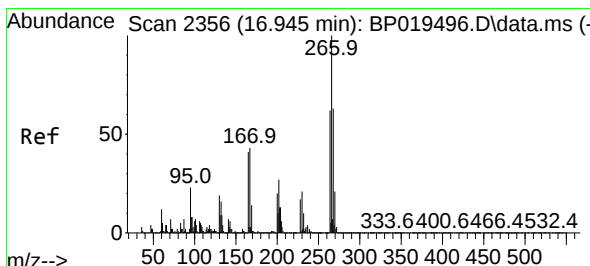
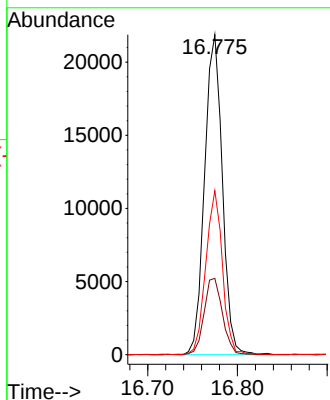
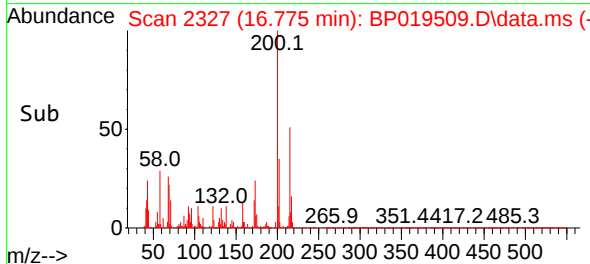
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



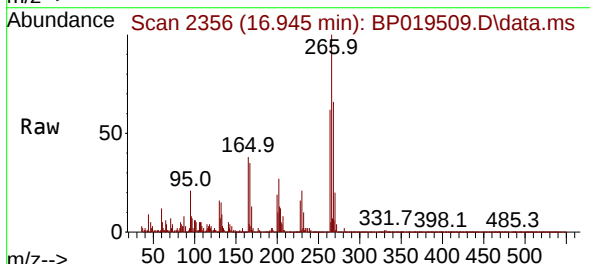
Tgt Ion:200 Resp: 3004
Ion Ratio Lower Upper
200 100
173 23.8 1.7 41.7
215 51.3 26.9 66.9

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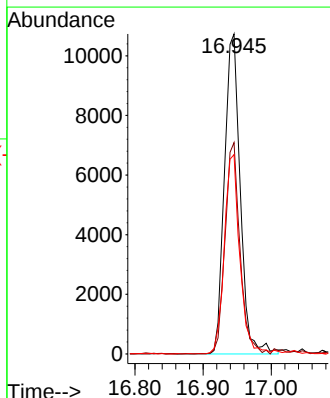
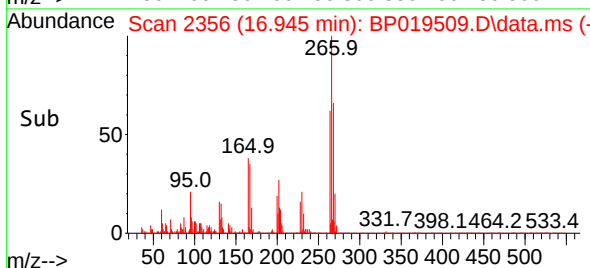
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

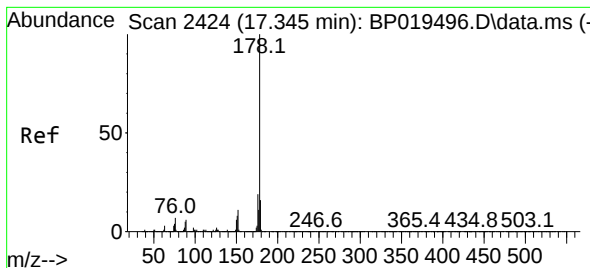


#70
Pentachlorophenol
Concen: 3.218 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



Tgt Ion:266 Resp: 17300
Ion Ratio Lower Upper
266 100
268 66.0 50.3 75.5
264 62.3 49.7 74.5





#71

Phenanthrene

Concen: 4.363 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

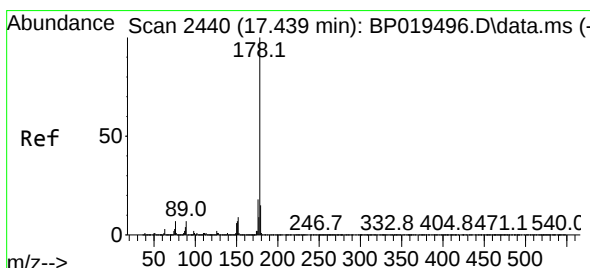
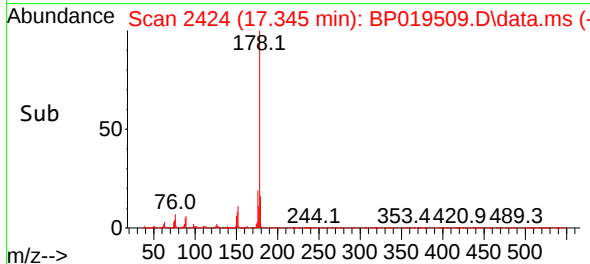
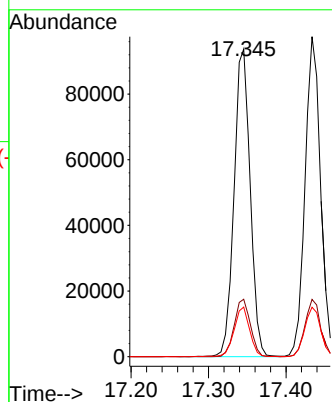
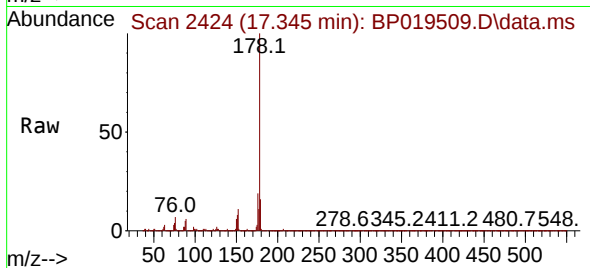
LOQ-SOIL-02-QT3-2023

Tgt Ion:	178	Resp:	13578
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.5	23.3
179	16.1	12.6	19.0

Manual Integrations

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



#72

Anthracene

Concen: 4.372 ng

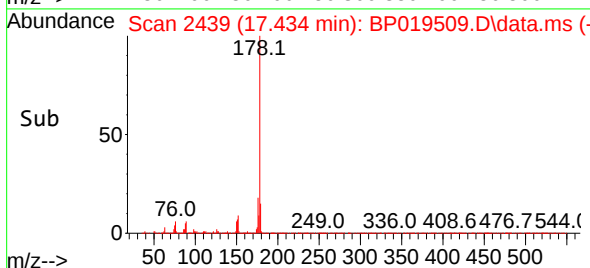
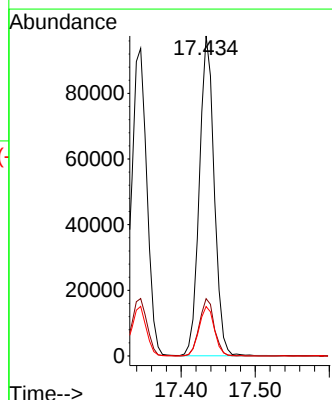
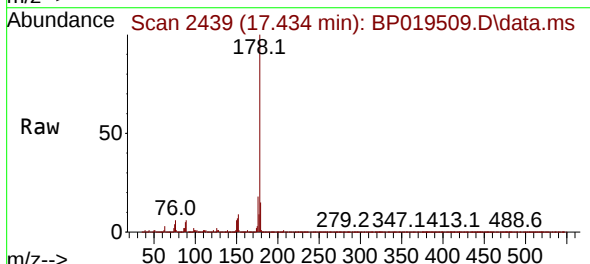
RT: 17.434 min Scan# 2439

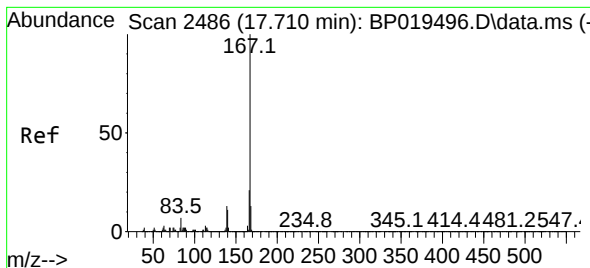
Delta R.T. -0.005 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Tgt Ion:	178	Resp:	135708
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.7	22.1
179	15.4	12.2	18.2





#73

Carbazole

Concen: 4.378 ng

RT: 17.710 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

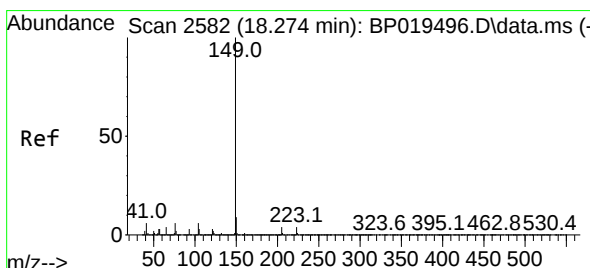
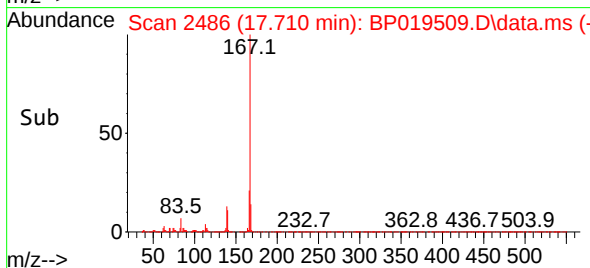
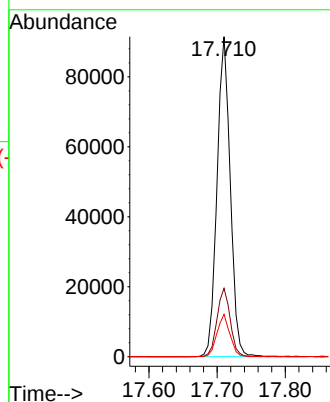
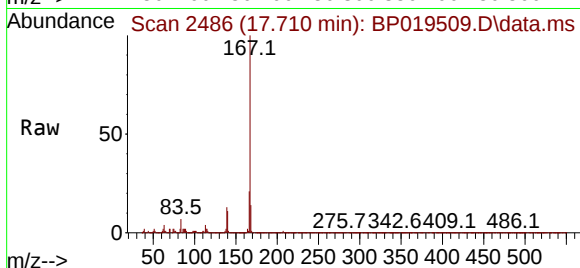
ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:	167	Resp:	12346
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.2	25.8
139	13.2	10.6	15.8

Manual Integrations
APPROVED

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



#74

Di-n-butylphthalate

Concen: 4.049 ng

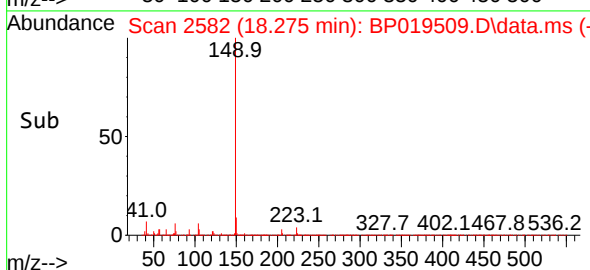
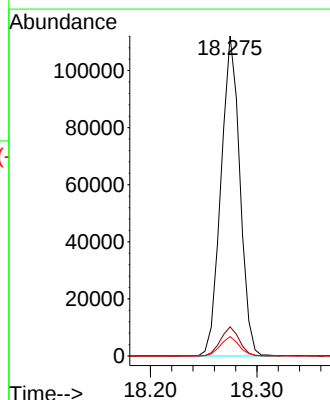
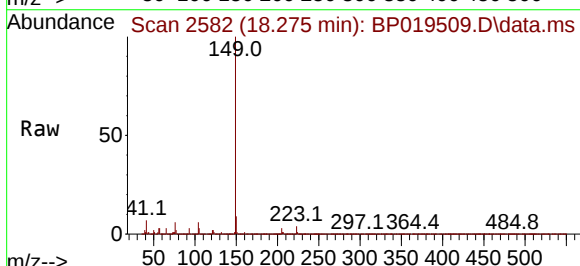
RT: 18.275 min Scan# 2582

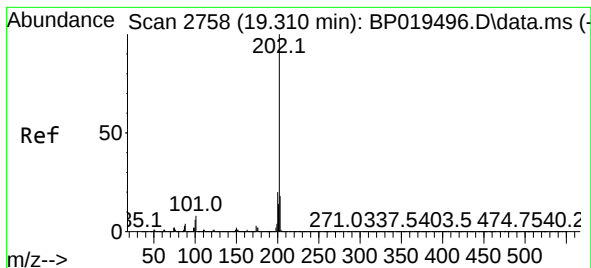
Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

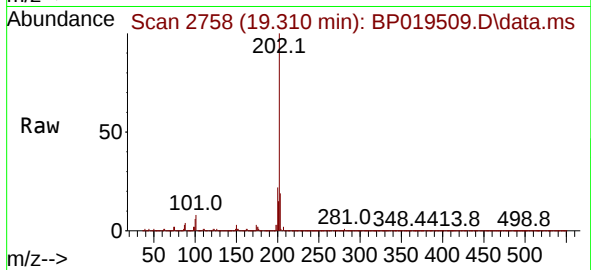
Tgt Ion:	149	Resp:	138067
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	6.0	4.8	7.2





#75
Fluoranthene
Concen: 4.386 ng
RT: 19.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

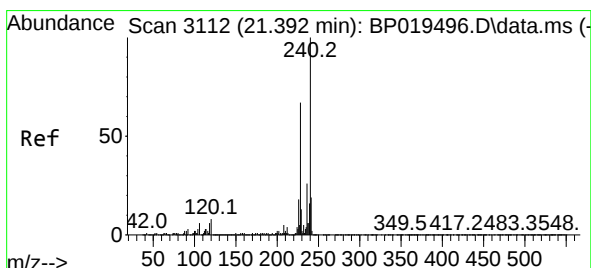
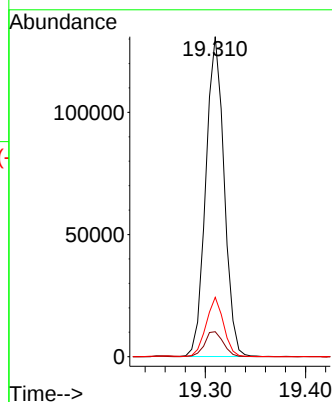
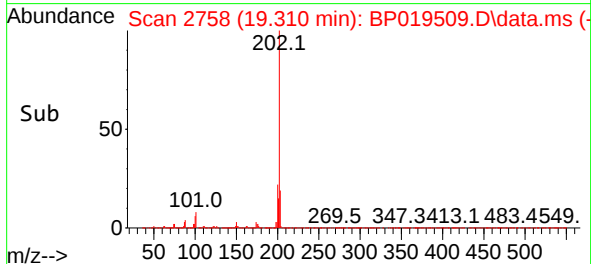
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:202 Resp: 166744
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.7
203 18.5 0.0 37.5

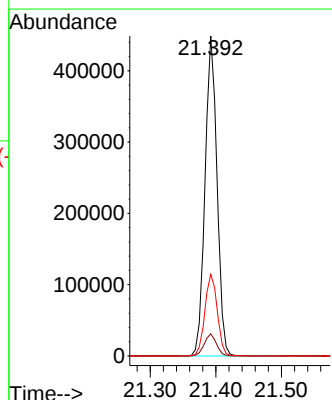
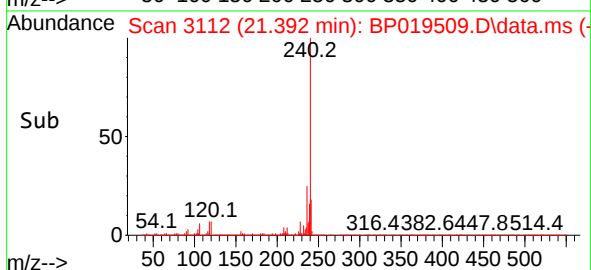
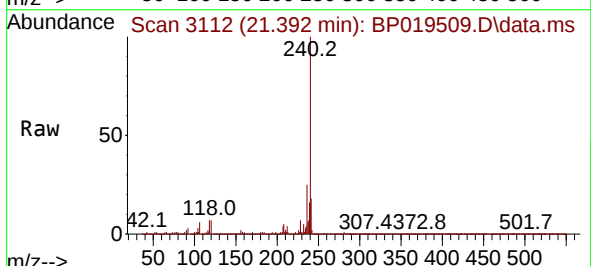
Manual Integrations
APPROVED

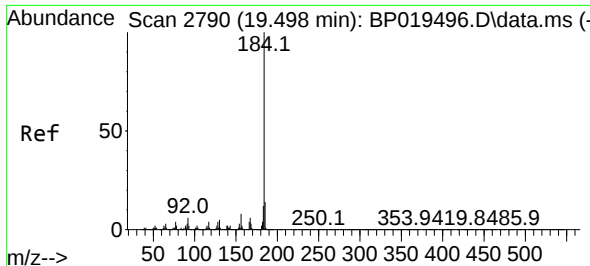
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:240 Resp: 571103
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 25.5 20.7 31.1





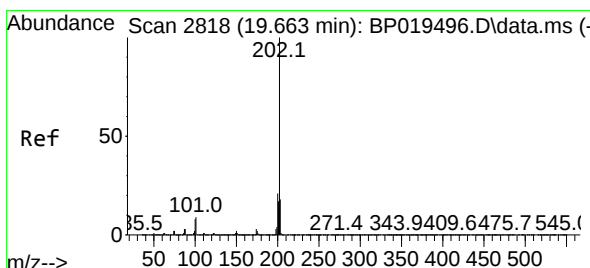
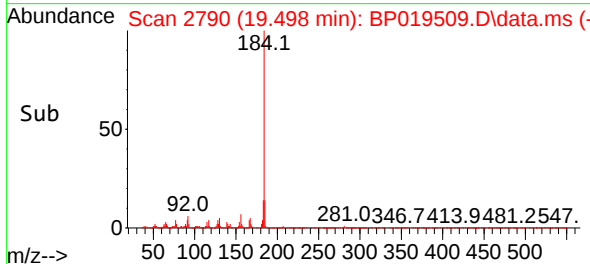
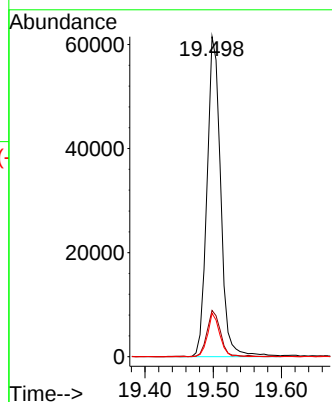
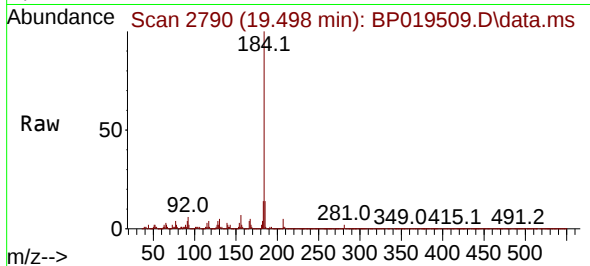
#77
Benzidine
Concen: 7.195 ng
RT: 19.498 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

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

Tgt Ion:	184	Resp:	85900
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.1	16.7
183	13.6	9.7	14.5

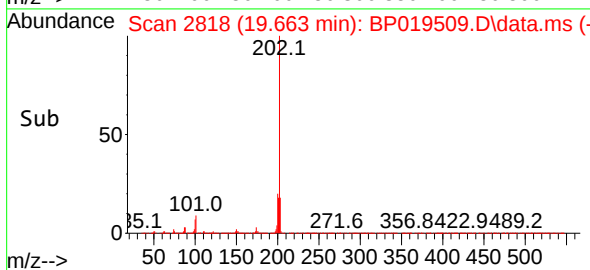
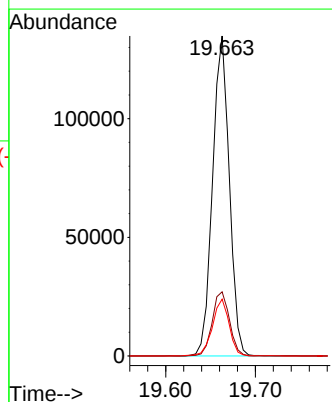
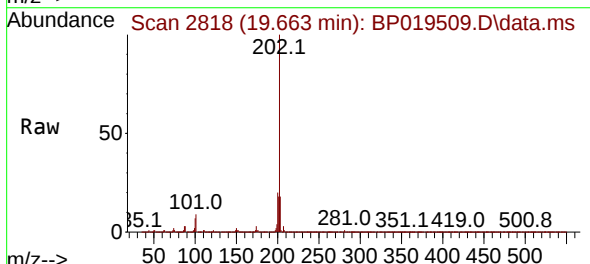
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 4.334 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:	202	Resp:	174670
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.9	25.3
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 120.122 ng

RT: 19.875 min Scan# 2853

Delta R.T. 0.006 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:244 Resp: 4171499

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

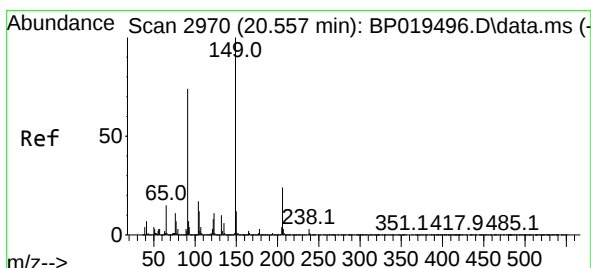
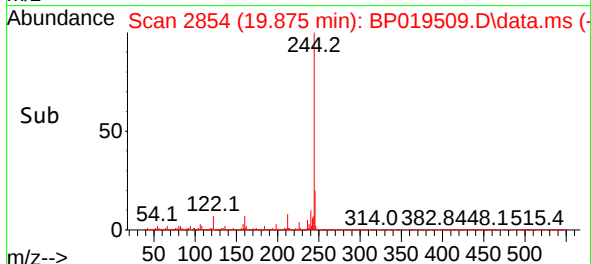
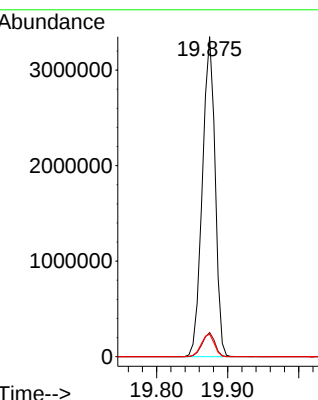
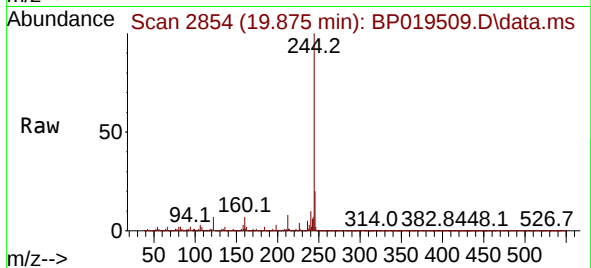
122 7.0 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#80

Butylbenzylphthalate

Concen: 3.814 ng

RT: 20.557 min Scan# 2970

Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

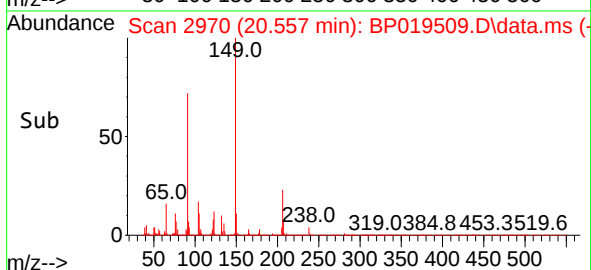
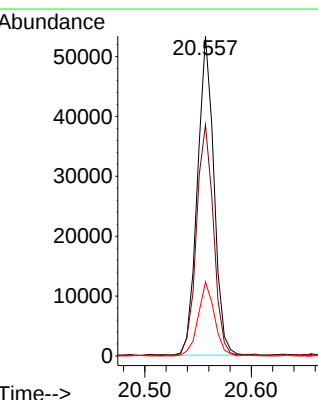
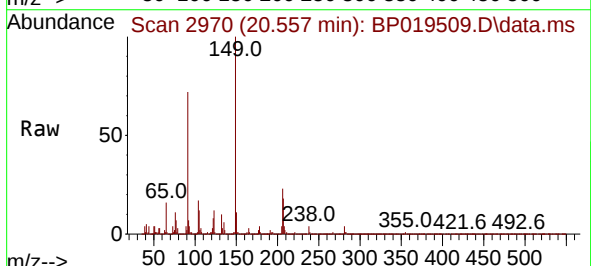
Tgt Ion:149 Resp: 57409

Ion Ratio Lower Upper

149 100

91 72.2 59.4 89.0

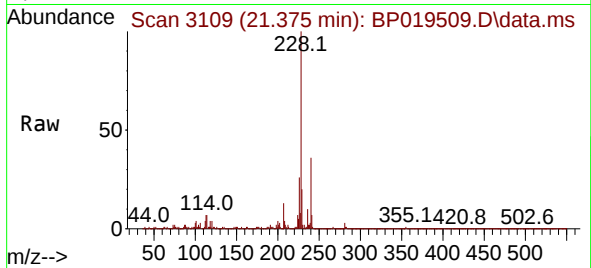
206 23.1 19.0 28.6





#81
Benzo(a)anthracene
Concen: 4.268 ng
RT: 21.375 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

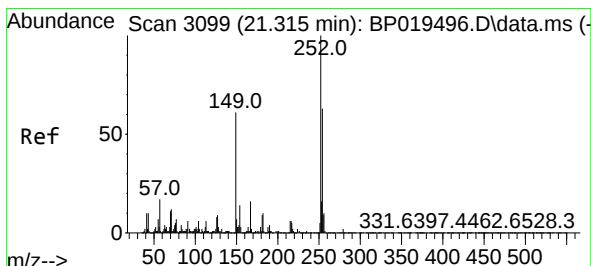
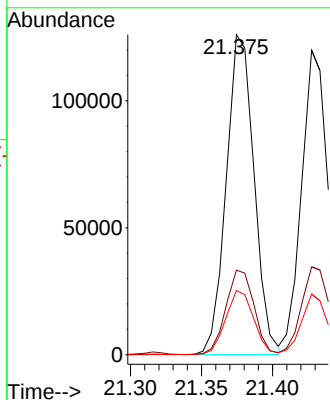
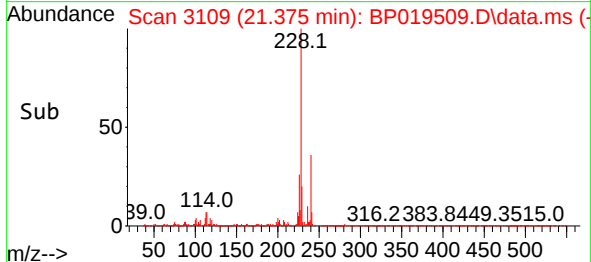
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023



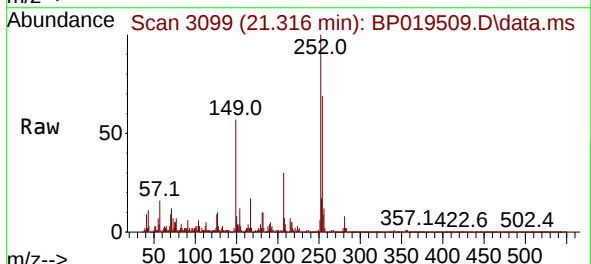
Tgt Ion:228 Resp: 17156
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 20.1 15.6 23.4

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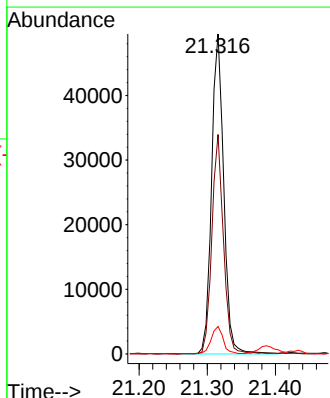
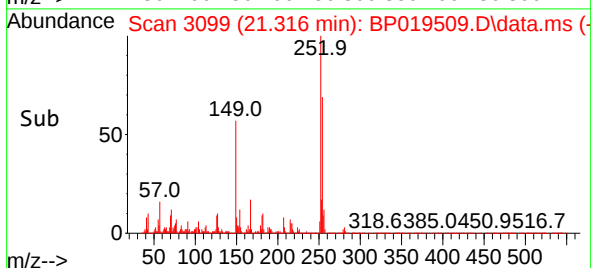
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

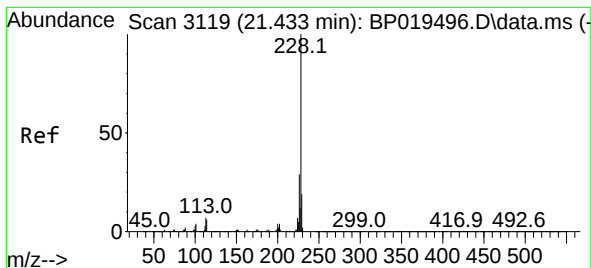


#82
3,3'-Dichlorobenzidine
Concen: 4.195 ng
RT: 21.316 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



Tgt Ion:252 Resp: 61449
Ion Ratio Lower Upper
252 100
254 68.6 50.7 76.1
126 8.6 6.4 9.6





#83

Chrysene

Concen: 4.077 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.005 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

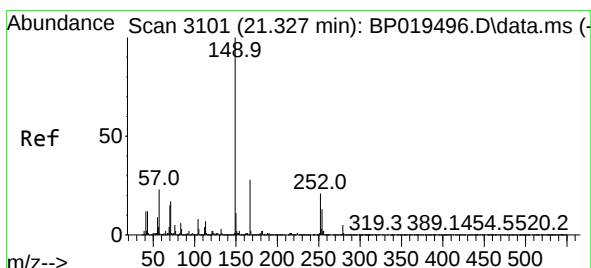
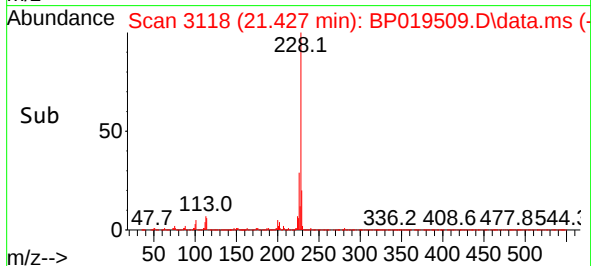
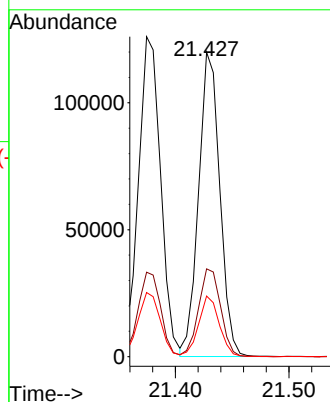
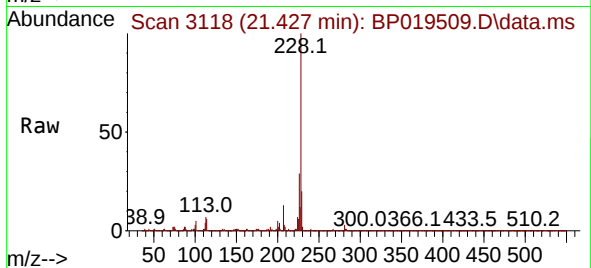
LOQ-SOIL-02-QT3-2023

Tgt Ion:	228	Resp:	15560
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.4	35.2
229	19.9	15.6	23.4

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.729 ng

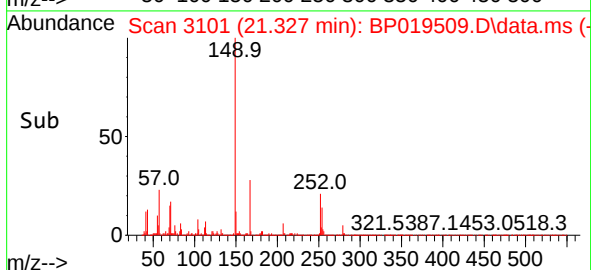
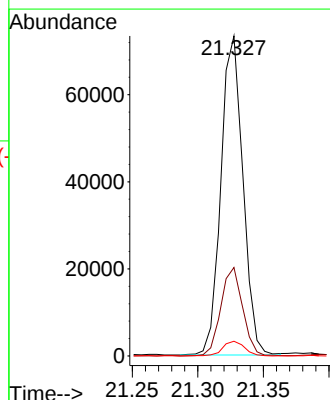
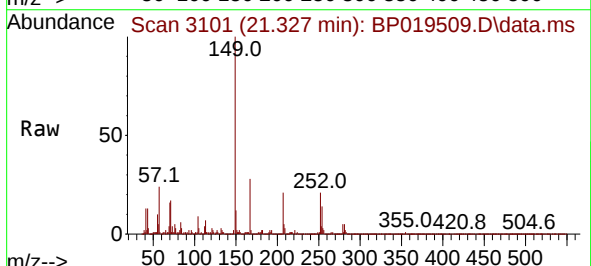
RT: 21.327 min Scan# 3101

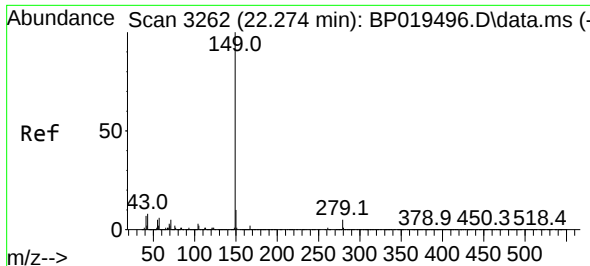
Delta R.T. 0.000 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

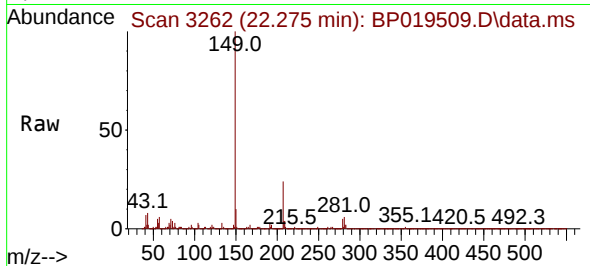
Tgt Ion:	149	Resp:	85467
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.7	34.1
279	4.6	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 3.241 ng
RT: 22.275 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

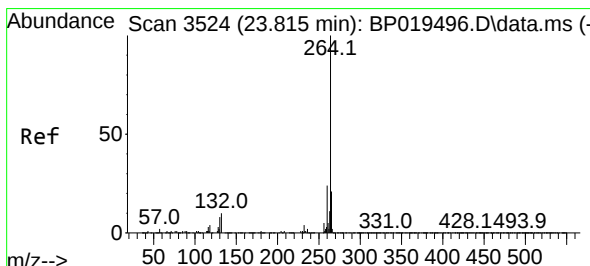
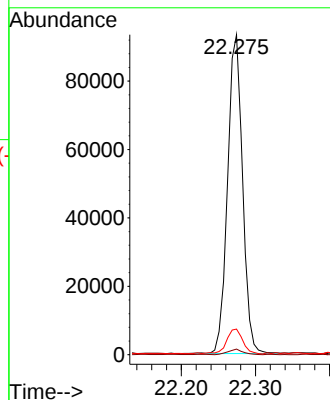
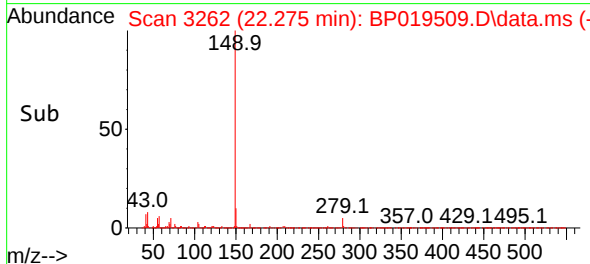
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023



Tgt Ion:149 Resp: 130710
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 6.3 9.5

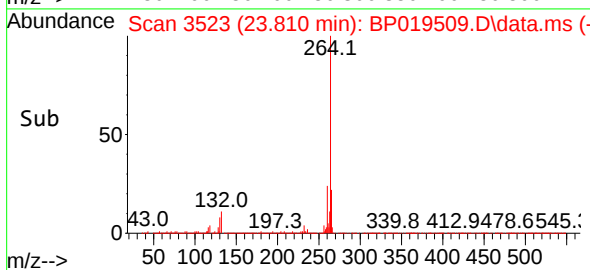
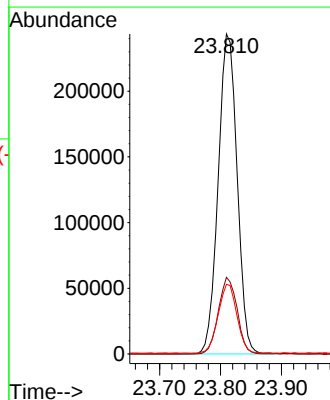
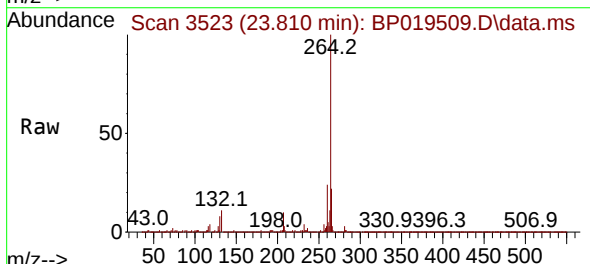
Manual Integrations
APPROVED

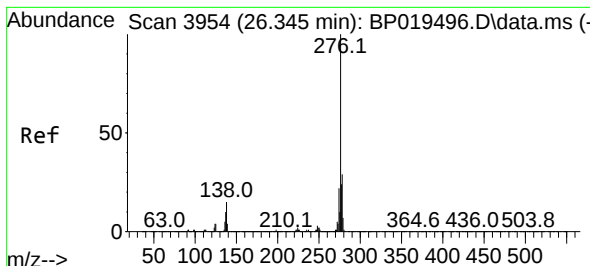
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

Tgt Ion:264 Resp: 525908
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.458 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

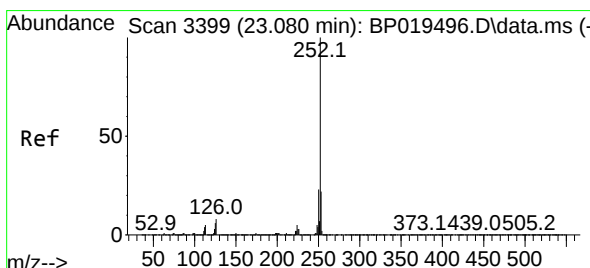
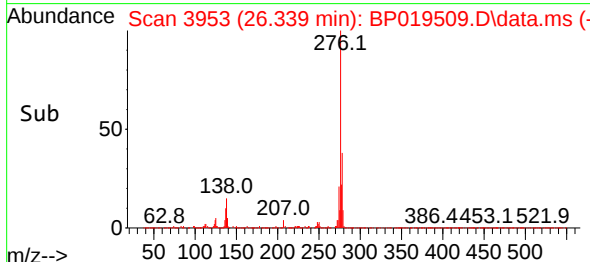
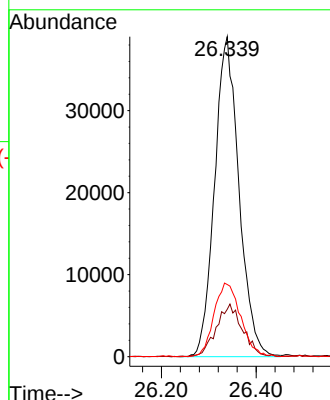
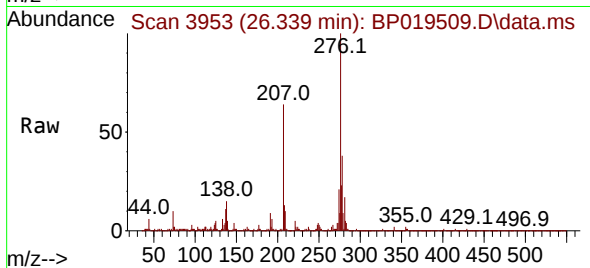
LOQ-SOIL-02-QT3-2023

Tgt Ion:	276	Resp:	13919
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.1	19.7
277	25.1	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: 4.406 ng

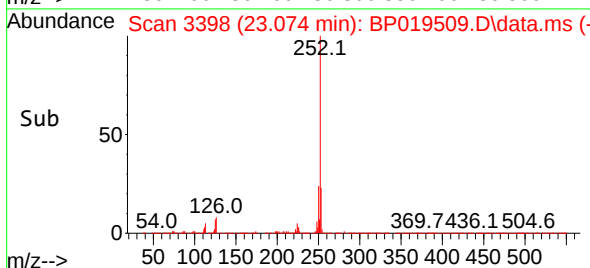
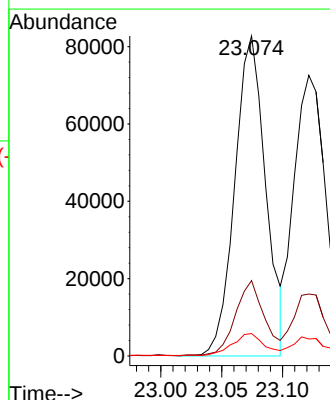
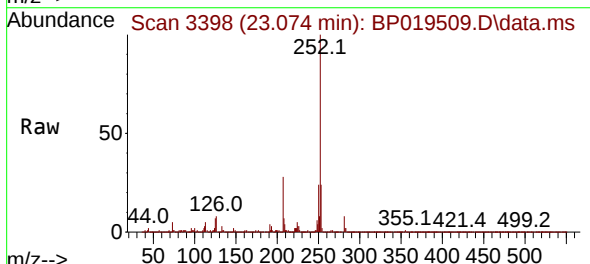
RT: 23.074 min Scan# 3398

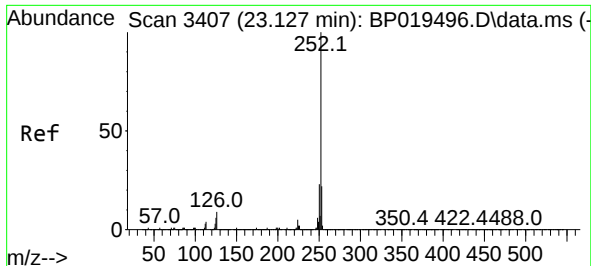
Delta R.T. -0.006 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

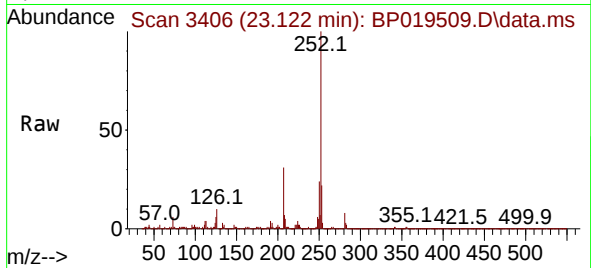
Tgt Ion:	252	Resp:	146038
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	7.0	4.9	7.3





#89
Benzo(k)fluoranthene
Concen: 4.194 ng
RT: 23.122 min Scan# 3407
Delta R.T. -0.005 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42

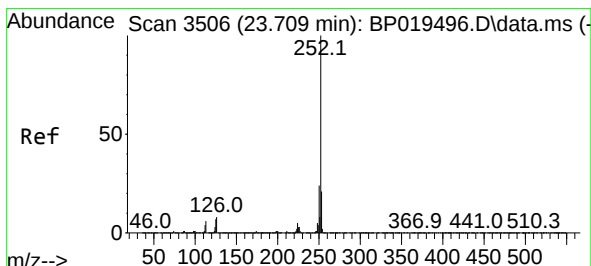
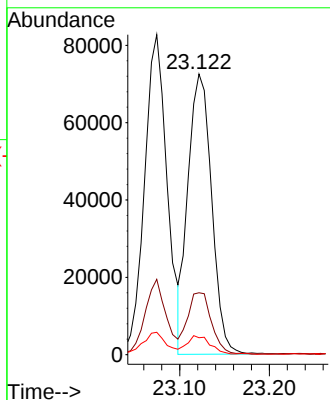
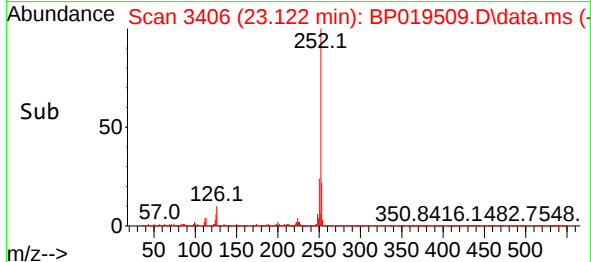
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2023



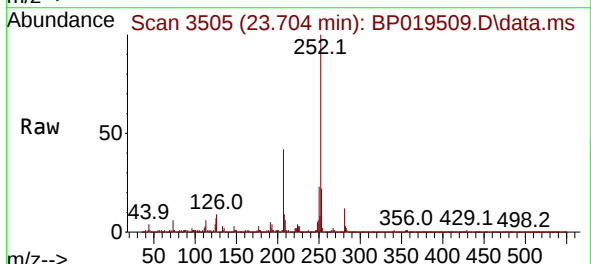
Tgt Ion:252 Resp: 13278
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 6.1 5.0 7.6

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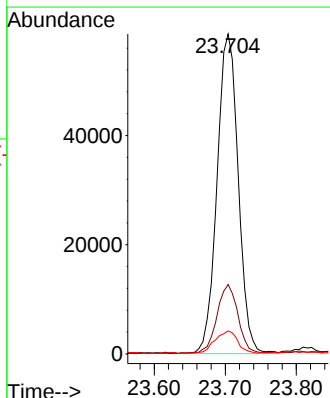
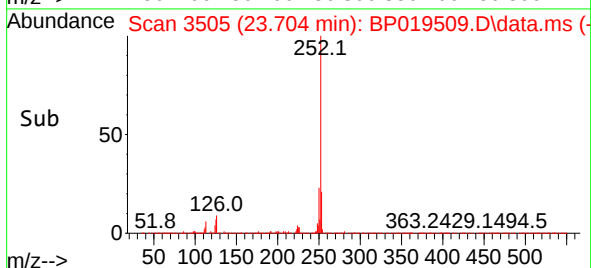
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

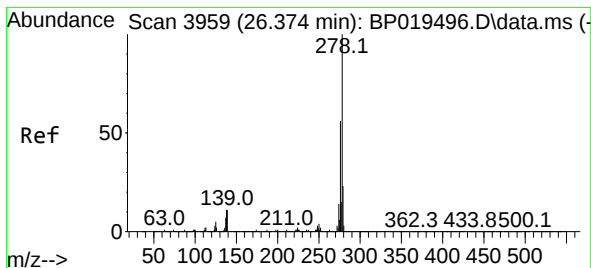


#90
Benzo(a)pyrene
Concen: 4.109 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019509.D
Acq: 01 Feb 2024 15:42



Tgt Ion:252 Resp: 121189
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 7.2 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 3.464 ng

RT: 26.363 min Scan# 3957

Delta R.T. -0.011 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2023

Tgt Ion:278 Resp: 11470

Ion Ratio Lower Upper

278 100

139 9.6 8.6 12.8

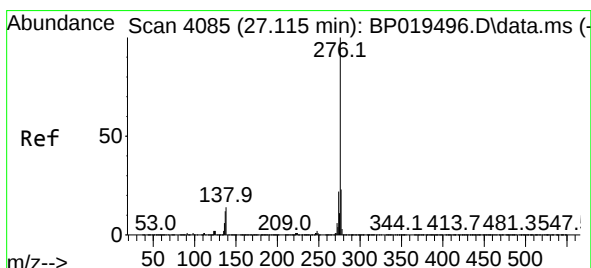
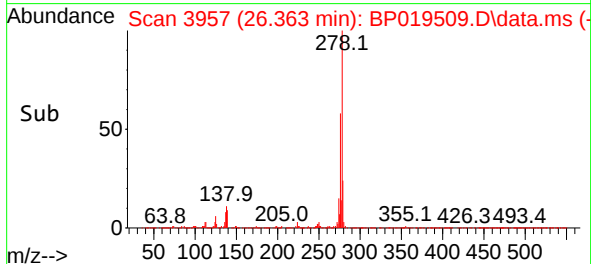
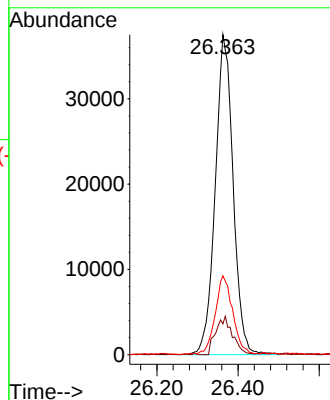
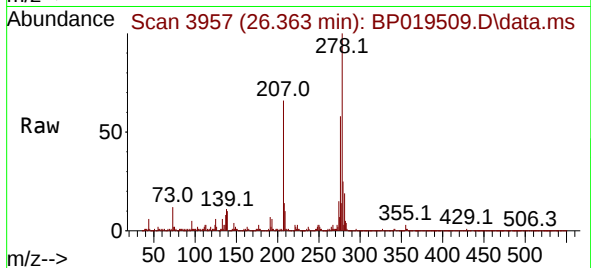
279 24.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024

Supervised By :mohammad ahmed 02/06/2024



#92

Benzo(g,h,i)perylene

Concen: 3.350 ng

RT: 27.110 min Scan# 4084

Delta R.T. -0.006 min

Lab File: BP019509.D

Acq: 01 Feb 2024 15:42

Tgt Ion:276 Resp: 112532

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 12.9 10.9 16.3

