

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021965.D
 Acq On : 20 Sep 2024 13:11
 Operator : RC/JU
 Sample : P2403-02
 Misc : LOQ--SOIL 10 ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 13:41:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	73108	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	271811	20.000	ng	0.00
39) Acenaphthene-d10	14.328	164	201786	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	506738	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	625794	20.000	ng	-0.01
86) Perylene-d12	24.845	264	761910	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	482409	124.005	ng	0.00
7) Phenol-d6	6.893	99	596950	118.203	ng	0.00
23) Nitrobenzene-d5	8.852	82	453428	88.269	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	510813	136.549	ng	-0.02
45) 2-Fluorobiphenyl	12.940	172	1214808	87.882	ng	0.00
79) Terphenyl-d14	19.851	244	2750440	82.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	18423	11.405	ng	100
3) Pyridine	3.664	79	39791	9.236	ng	98
4) n-Nitrosodimethylamine	3.570	42	23767	10.458	ng	# 94
6) Aniline	7.046	93	55232	12.446	ng	99
8) 2-Chlorophenol	7.287	128	42153	10.133	ng	96
9) Benzaldehyde	6.863	77	39735m	15.047	ng	
10) Phenol	6.916	94	51049	10.177	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	40282	10.661	ng	99
12) 1,3-Dichlorobenzene	7.605	146	54860	10.446	ng	98
13) 1,4-Dichlorobenzene	7.746	146	55116	10.348	ng	97
14) 1,2-Dichlorobenzene	8.058	146	52569	10.284	ng	100
15) Benzyl Alcohol	7.946	79	39629	10.232	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	44928	11.149	ng	99
17) 2-Methylphenol	8.146	107	34055	10.050	ng	97
18) Hexachloroethane	8.775	117	19478	9.946	ng	96
19) n-Nitroso-di-n-propyla...	8.499	70	32466	10.343	ng	98
20) 3+4-Methylphenols	8.469	107	45957	9.607	ng	98
22) Acetophenone	8.516	105	71139	10.729	ng	# 95
24) Nitrobenzene	8.893	77	55335	10.607	ng	99
25) Isophorone	9.416	82	87678	10.353	ng	99
26) 2-Nitrophenol	9.599	139	21902	9.602	ng	# 90
27) 2,4-Dimethylphenol	9.657	122	27083	10.254	ng	96
28) bis(2-Chloroethoxy)met...	9.887	93	53163	10.469	ng	97
29) 2,4-Dichlorophenol	10.128	162	44414	9.907	ng	95
30) 1,2,4-Trichlorobenzene	10.340	180	56834	10.178	ng	96
31) Naphthalene	10.522	128	138587	10.218	ng	99
32) Benzoic acid	9.740	122	25142m	8.143	ng	
33) 4-Chloroaniline	10.634	127	53279	10.891	ng	97
34) Hexachlorobutadiene	10.810	225	43705	10.005	ng	97
35) Caprolactam	11.399	113	12239	9.174	ng	95
36) 4-Chloro-3-methylphenol	11.751	107	46078	9.581	ng	99
37) 2-Methylnaphthalene	12.134	142	100161	10.094	ng	98
38) 1-Methylnaphthalene	12.351	142	94031	9.598	ng	97
40) 1,2,4,5-Tetrachloroben...	12.504	216	73730	10.444	ng	98
41) Hexachlorocyclopentadiene	12.487	237	32279	12.306	ng	93
43) 2,4,6-Trichlorophenol	12.746	196	42820	9.882	ng	95

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 Misc : LOQ--SOIL 10 ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

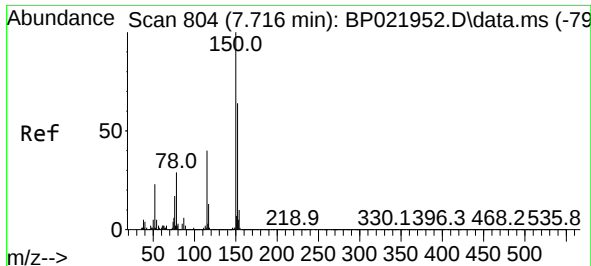
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	45239	9.307	ng	97
46) 1,1'-Biphenyl	13.157	154	146806	10.670	ng	100
47) 2-Chloronaphthalene	13.193	162	113868	10.235	ng	98
48) 2-Nitroaniline	13.393	65	28681	9.441	ng	96
49) Acenaphthylene	14.040	152	174152	11.094	ng	98
50) Dimethylphthalate	13.781	163	153009	10.455	ng	99
51) 2,6-Dinitrotoluene	13.898	165	29396	9.014	ng	92
52) Acenaphthene	14.387	154	104760	10.254	ng	98
53) 3-Nitroaniline	14.228	138	28371	9.762	ng	# 92
54) 2,4-Dinitrophenol	14.434	184	16311	8.536	ng	96
55) Dibenzofuran	14.728	168	186317	10.850	ng	99
56) 4-Nitrophenol	14.551	139	23716	9.375	ng	98
57) 2,4-Dinitrotoluene	14.692	165	44024	9.549	ng	94
58) Fluorene	15.387	166	150243	10.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	49061	10.458	ng	98
60) Diethylphthalate	15.157	149	154725	10.404	ng	99
61) 4-Chlorophenyl-phenyle...	15.387	204	88752	10.630	ng	98
62) 4-Nitroaniline	15.404	138	29934	9.366	ng	99
63) Azobenzene	15.687	77	135994	11.050	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	26516	9.028	ng	91
66) n-Nitrosodiphenylamine	15.610	169	132271	10.483	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	60062	10.168	ng	99
68) Hexachlorobenzene	16.416	284	75887	10.304	ng	97
69) Atrazine	16.587	200	57376	12.692	ng	99
70) Pentachlorophenol	16.763	266	44357	8.952	ng	97
71) Phenanthrene	17.163	178	256398	10.540	ng	99
72) Anthracene	17.257	178	253454	10.764	ng	99
73) Carbazole	17.534	167	234652	10.318	ng	99
74) Di-n-butylphthalate	18.128	149	267565	10.017	ng	98
75) Fluoranthene	19.251	202	346062	10.192	ng	99
77) Benzidine	19.451	184	162082	21.194	ng	98
78) Pyrene	19.628	202	361240	9.542	ng	99
80) Butylbenzylphthalate	20.580	149	126613	9.377	ng	96
81) Benzo(a)anthracene	21.533	228	429715	10.686	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	149528	10.249	ng	99
83) Chrysene	21.598	228	401898	10.615	ng	98
84) Bis(2-ethylhexyl)phtha...	21.474	149	191558	9.666	ng	98
85) Di-n-octyl phthalate	22.739	149	314098	9.332	ng	100
87) Indeno(1,2,3-cd)pyrene	28.568	276	535721	10.572	ng	100
88) Benzo(b)fluoranthene	23.804	252	442256m	9.815	ng	
89) Benzo(k)fluoranthene	23.874	252	443767	10.407	ng	98
90) Benzo(a)pyrene	24.686	252	408906	10.534	ng	100
91) Dibenzo(a,h)anthracene	28.633	278	436928	10.447	ng	98
92) Benzo(g,h,i)perylene	29.733	276	415496	9.699	ng	99

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



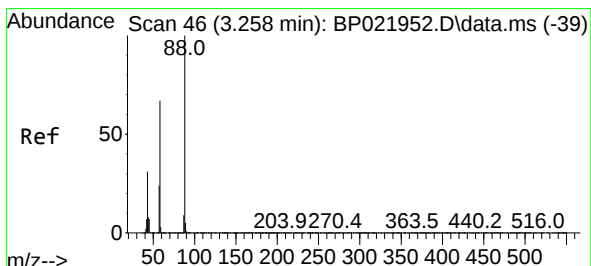
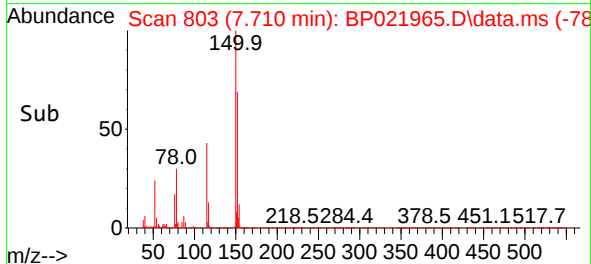
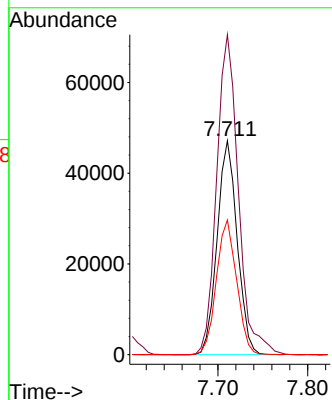
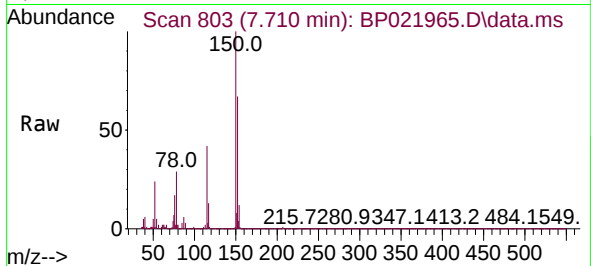
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:152 Resp: 73108
Ion Ratio Lower Upper
152 100
150 149.6 124.2 186.2
115 63.0 49.2 73.8

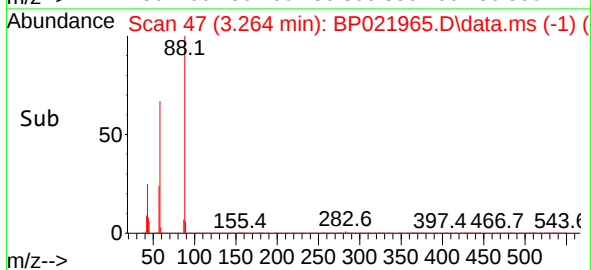
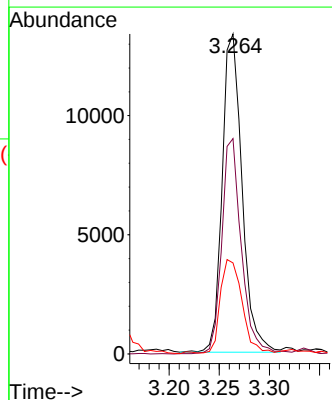
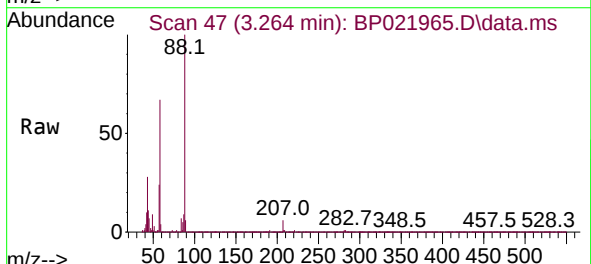
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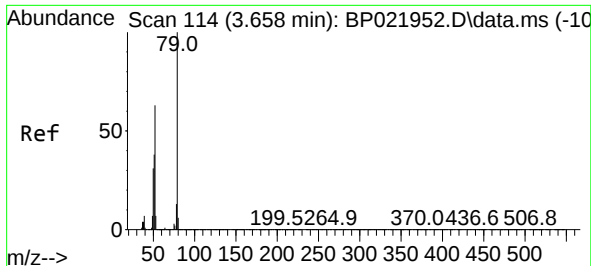
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 11.405 ng
RT: 3.264 min Scan# 47
Delta R.T. 0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

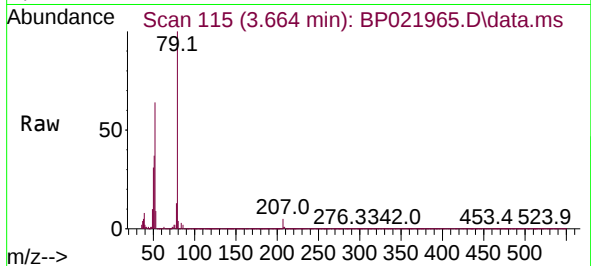
Tgt Ion: 88 Resp: 18423
Ion Ratio Lower Upper
88 100
58 67.0 53.8 80.6
43 31.7 25.2 37.8





#3
Pyridine
Concen: 9.236 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

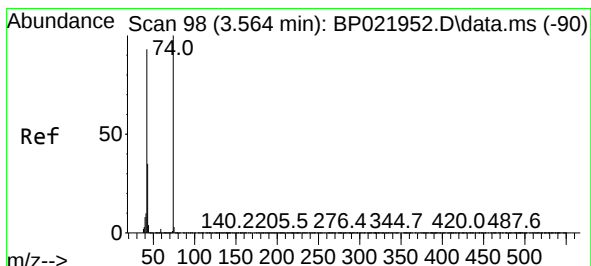
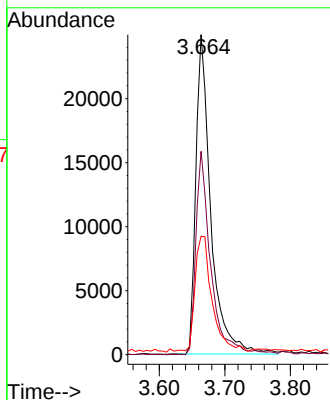
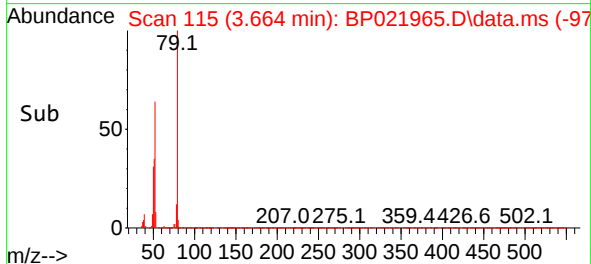
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 79 Resp: 3979
Ion Ratio Lower Upper
79 100
52 63.6 50.3 75.5
51 37.0 30.9 46.3

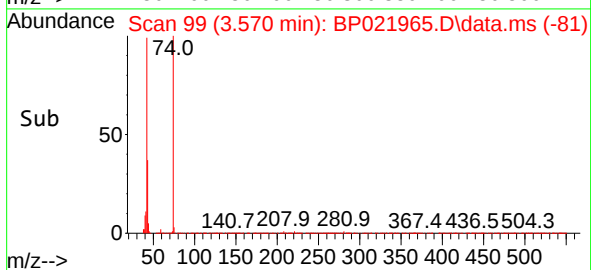
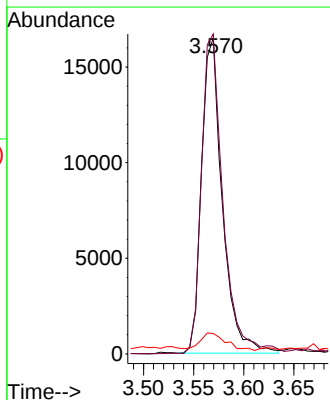
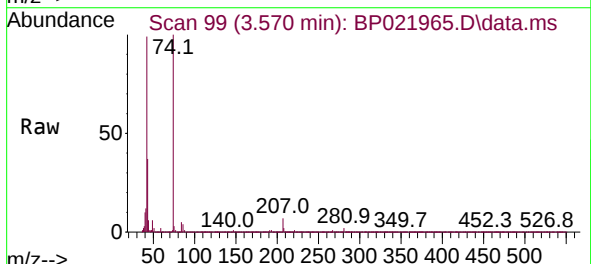
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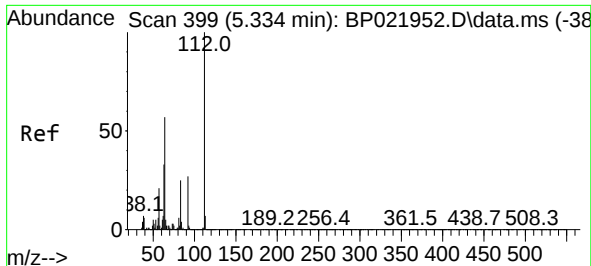
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#4
n-Nitrosodimethylamine
Concen: 10.458 ng
RT: 3.570 min Scan# 99
Delta R.T. 0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 42 Resp: 23767
Ion Ratio Lower Upper
42 100
74 101.2 86.3 129.5
44 6.5 4.0 6.0





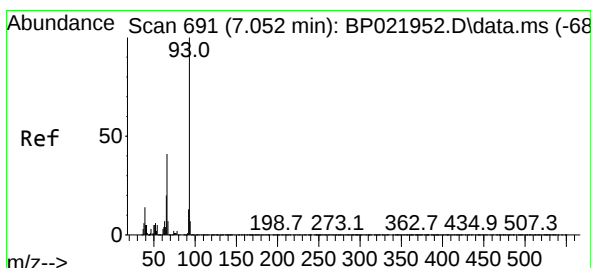
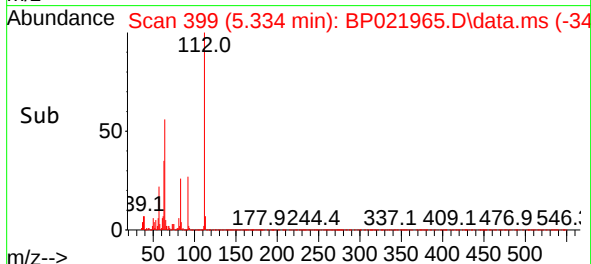
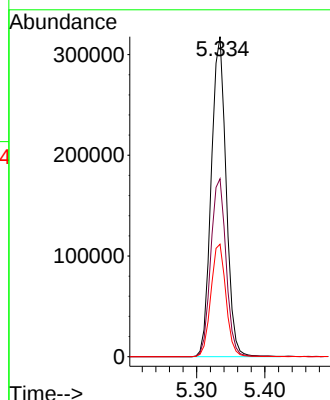
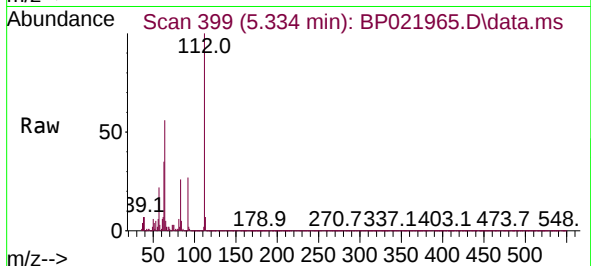
#5
2-Fluorophenol
Concen: 124.005 ng
RT: 5.334 min Scan# 399
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:112 Resp: 482409
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.0
63 35.2 26.6 39.8

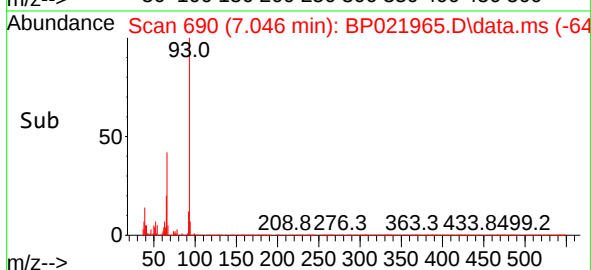
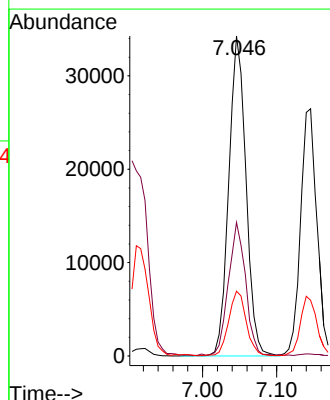
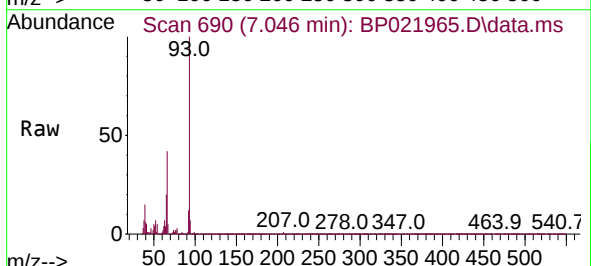
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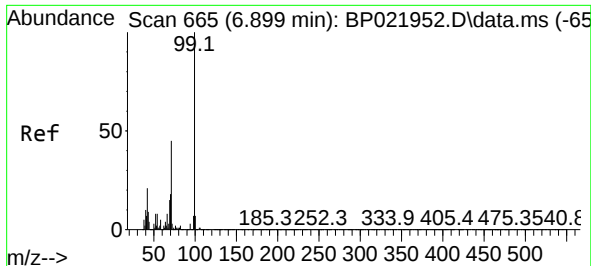
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 12.446 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

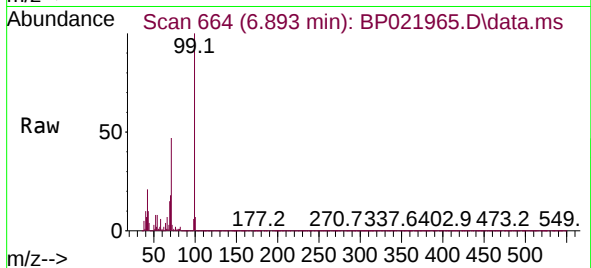
Tgt Ion: 93 Resp: 55232
Ion Ratio Lower Upper
93 100
66 41.8 33.0 49.4
65 20.3 16.1 24.1





#7
Phenol-d6
Concen: 118.203 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

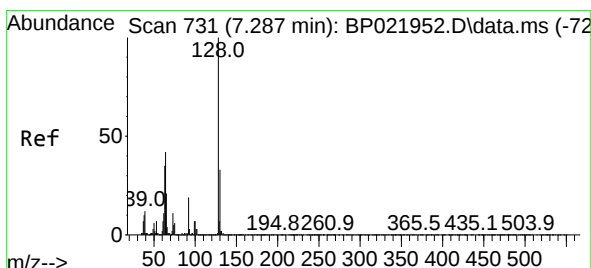
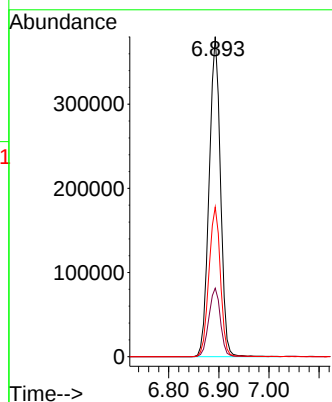
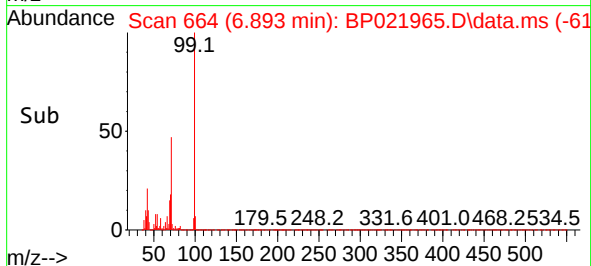
Instrument :
BNA_P
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LOQ-SOIL-02-QT2-2024



Tgt Ion: 99 Resp: 596950
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 46.7 35.8 53.6

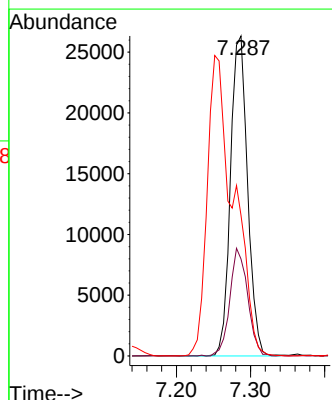
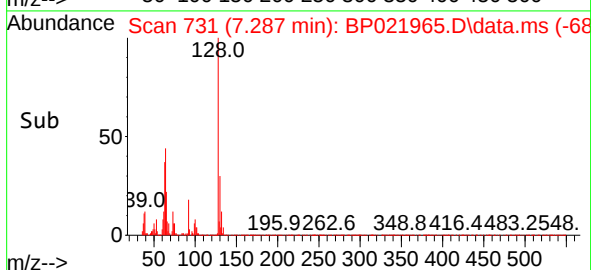
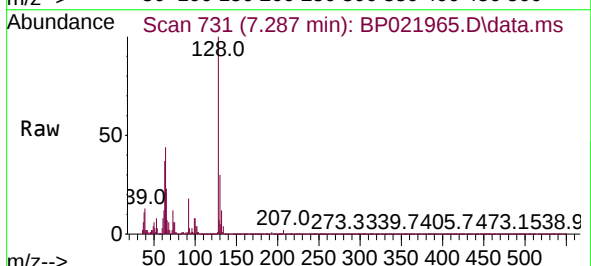
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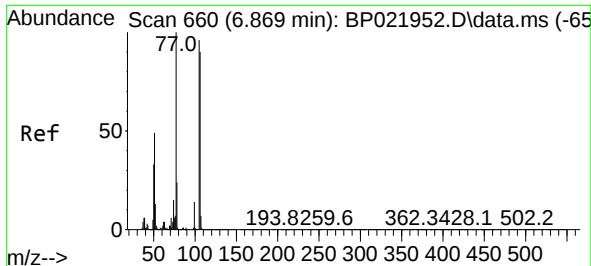
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 10.133 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:128 Resp: 42153
Ion Ratio Lower Upper
128 100
130 30.3 13.1 53.1
64 44.0 22.1 62.1





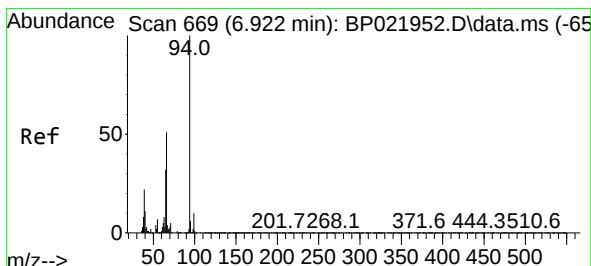
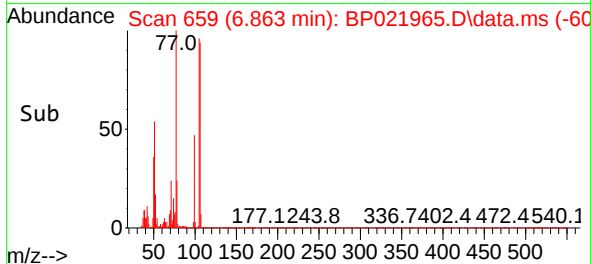
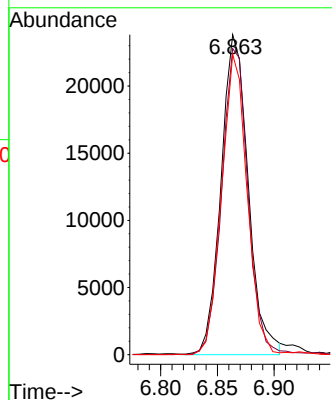
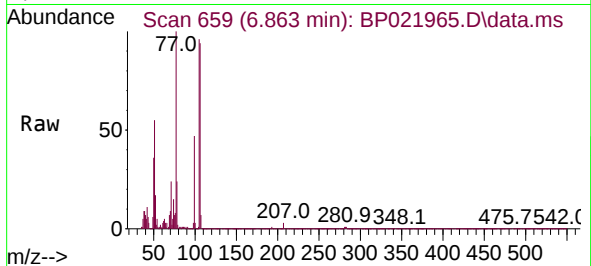
#9
Benzaldehyde
Concen: 15.047 ng m
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 77 Resp: 3973
Ion Ratio Lower Upper
77 100
105 95.6 76.1 116.1
106 93.8 69.9 109.9

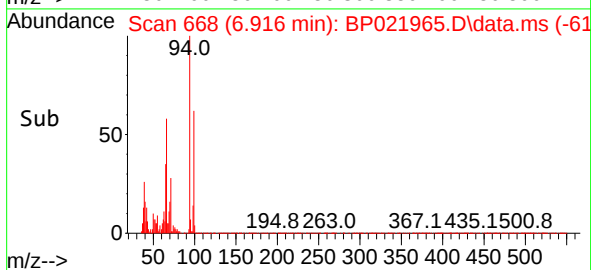
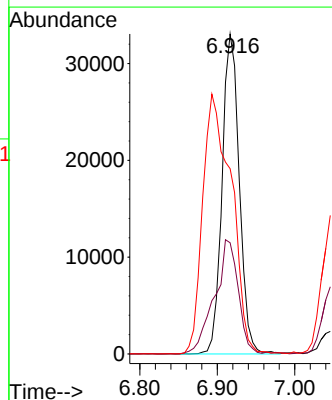
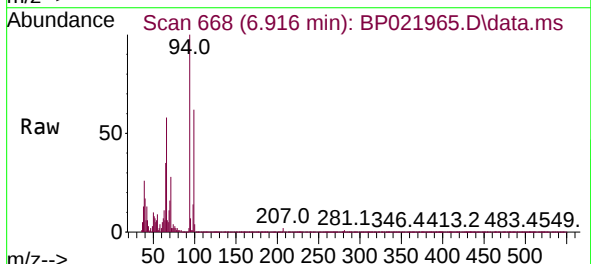
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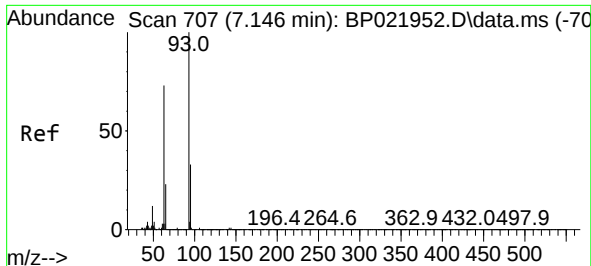
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 10.177 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 94 Resp: 51049
Ion Ratio Lower Upper
94 100
65 34.8 12.5 52.5
66 57.9 31.2 71.2





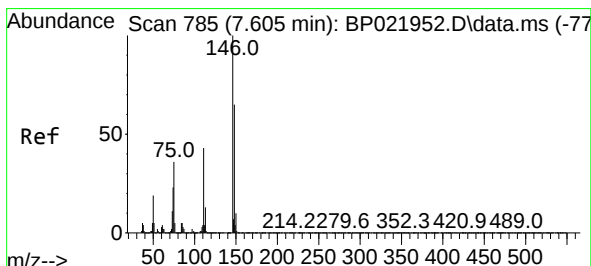
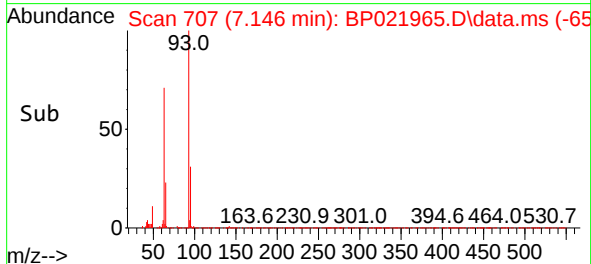
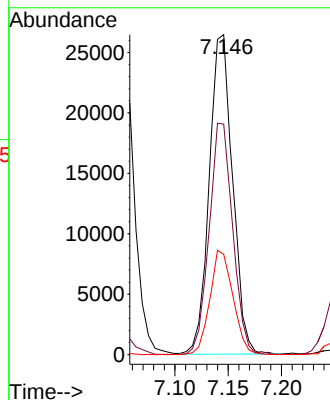
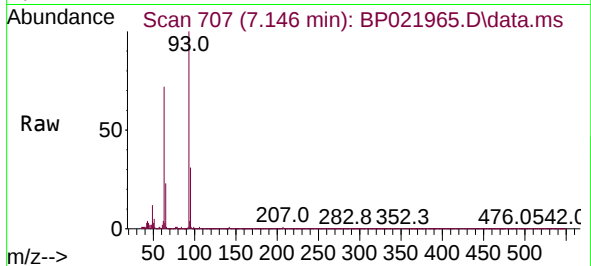
#11
bis(2-Chloroethyl)ether
Concen: 10.661 ng
RT: 7.146 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 93 Resp: 4028
Ion Ratio Lower Upper
93 100
63 72.0 53.0 93.0
95 31.4 12.4 52.4

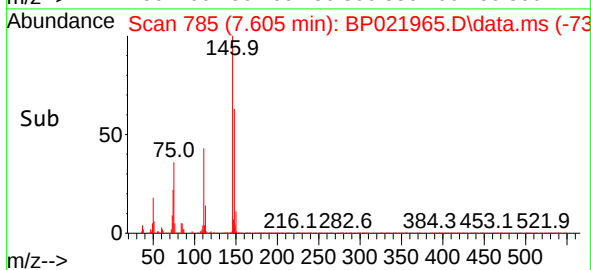
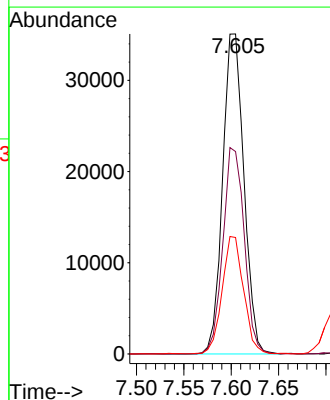
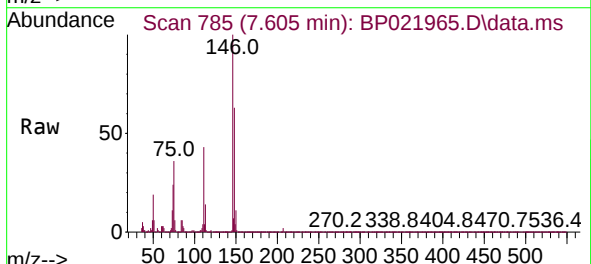
Manual Integrations
APPROVED

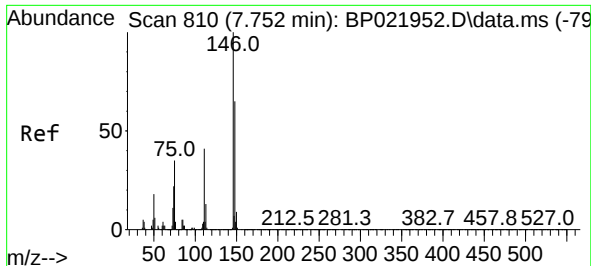
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 10.446 ng
RT: 7.605 min Scan# 785
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:146 Resp: 54860
Ion Ratio Lower Upper
146 100
148 63.2 52.3 78.5
75 36.4 29.0 43.6





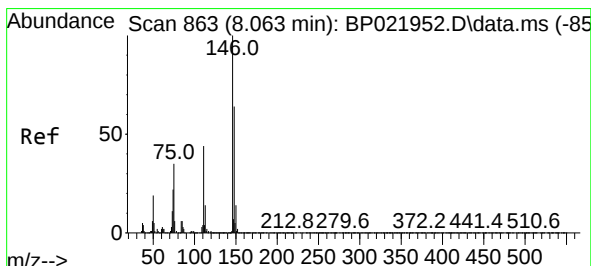
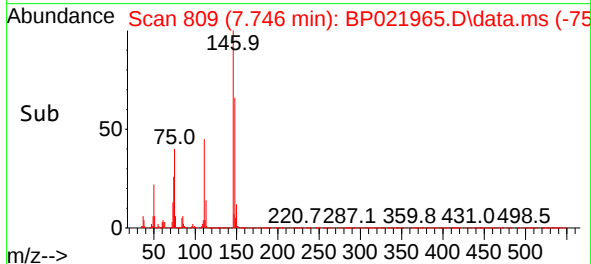
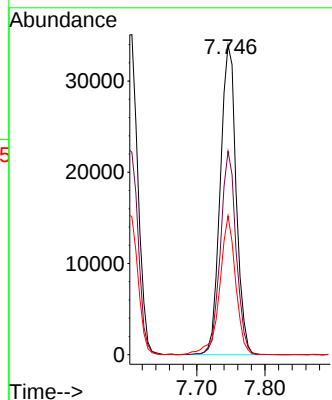
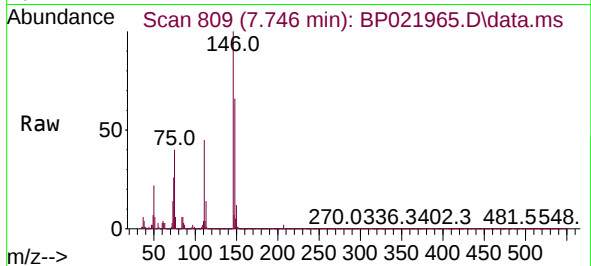
#13
1,4-Dichlorobenzene
Concen: 10.348 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:146 Resp: 55110
Ion Ratio Lower Upper
146 100
148 65.7 52.2 78.4
111 44.8 32.6 48.8

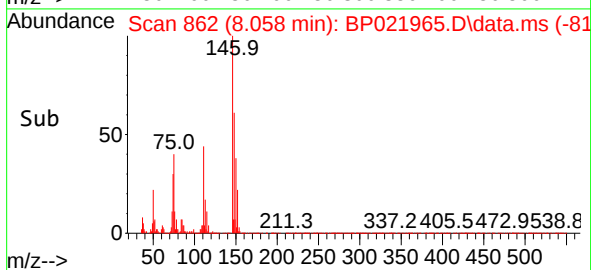
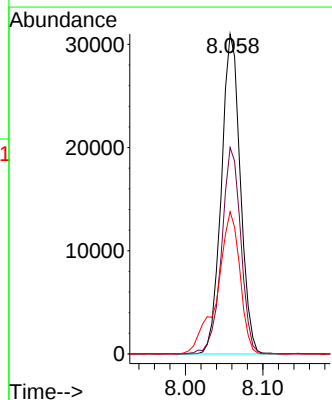
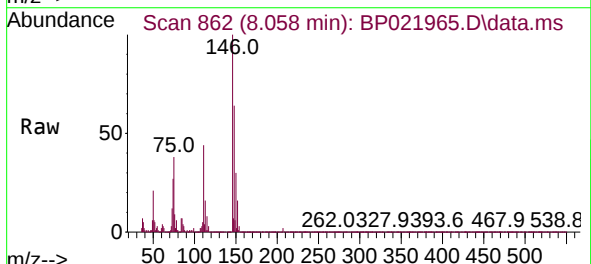
Manual Integrations
APPROVED

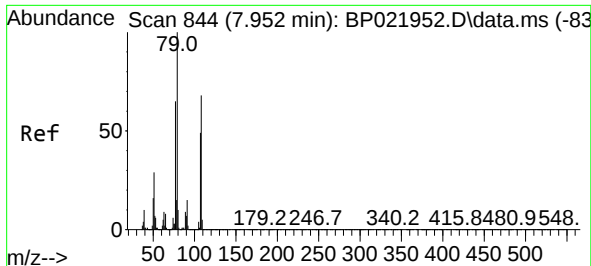
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 10.284 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

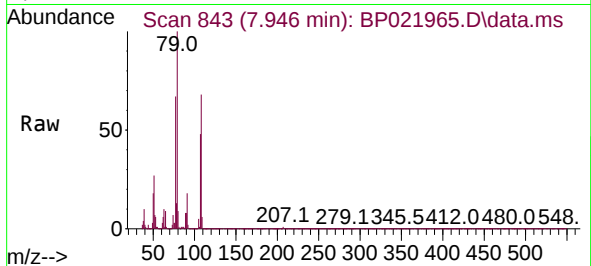
Tgt Ion:146 Resp: 52569
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 44.4 35.6 53.4





#15
Benzyl Alcohol
Concen: 10.232 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

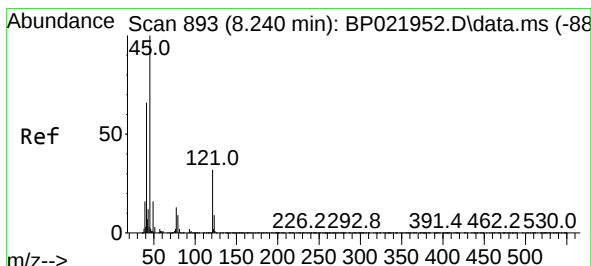
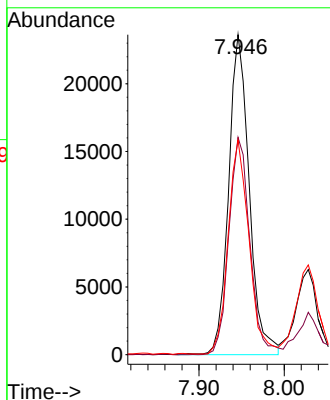
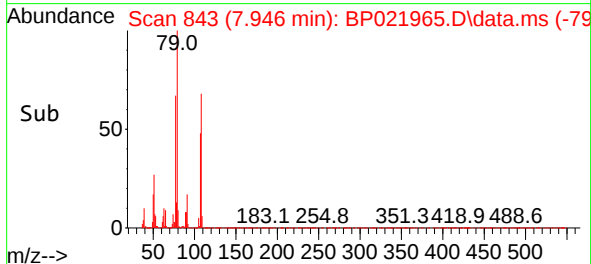
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 79 Resp: 39629
Ion Ratio Lower Upper
79 100
108 67.9 54.7 82.1
77 67.1 51.8 77.8

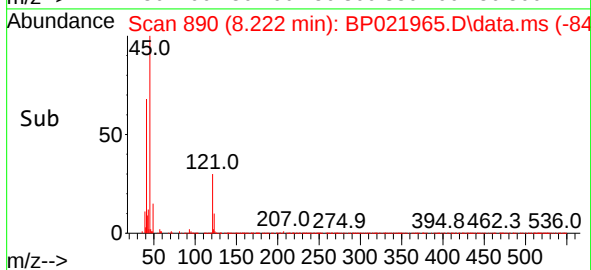
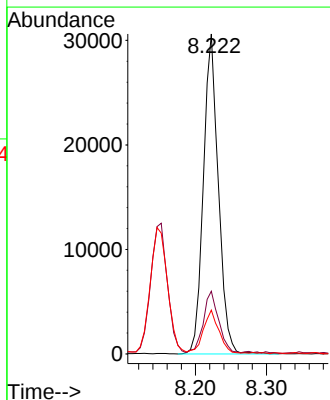
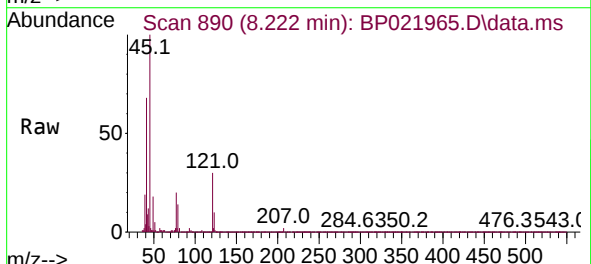
Manual Integrations
APPROVED

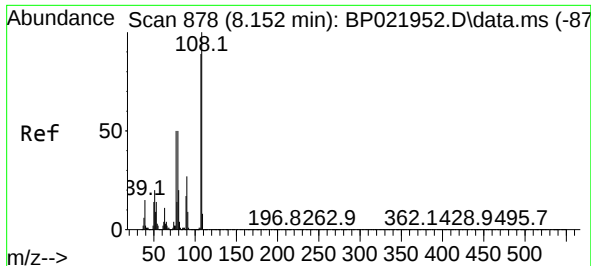
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.149 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 45 Resp: 44928
Ion Ratio Lower Upper
45 100
77 19.6 0.0 39.5
79 13.7 0.0 34.9





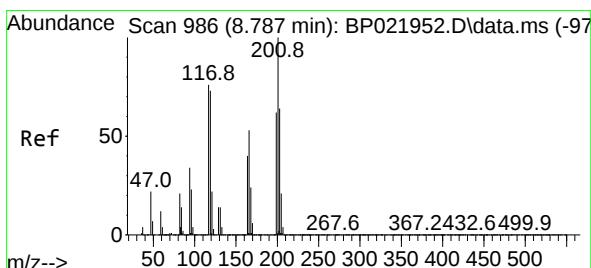
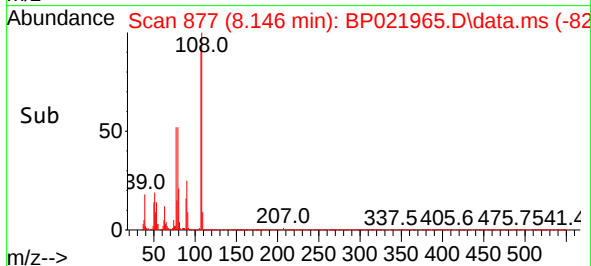
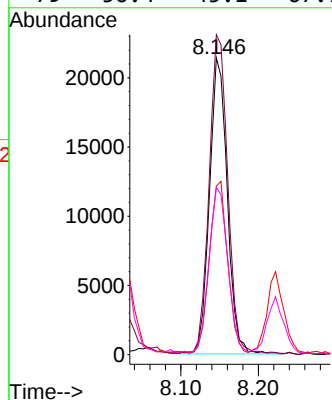
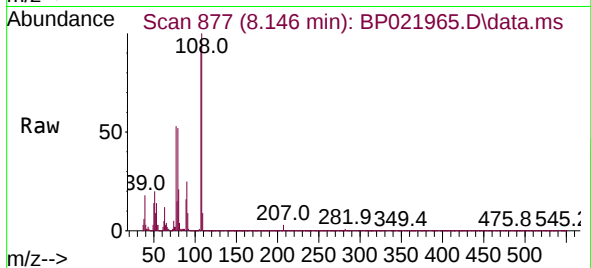
#17
2-Methylphenol
Concen: 10.050 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:	107	Resp:	3405
Ion	Ratio	Lower	Upper
107	100		
108	107.8	90.3	135.5
77	56.8	45.1	67.7
79	56.4	45.1	67.7

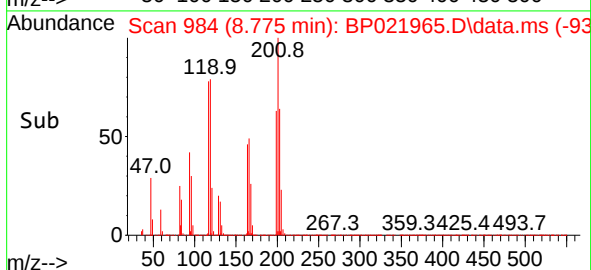
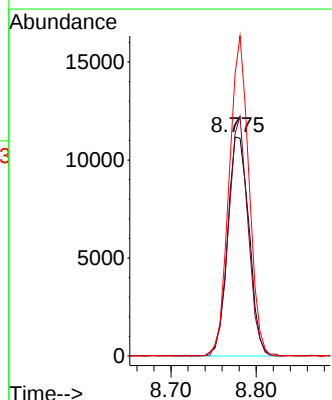
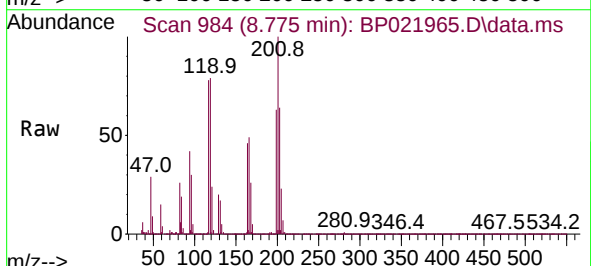
Manual Integrations
APPROVED

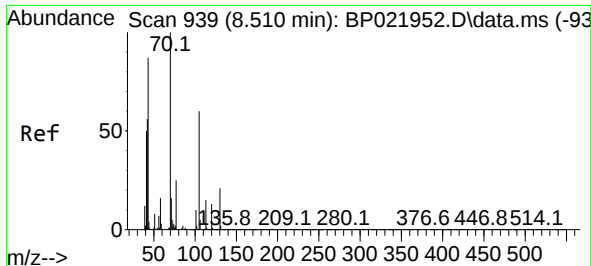
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 9.946 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

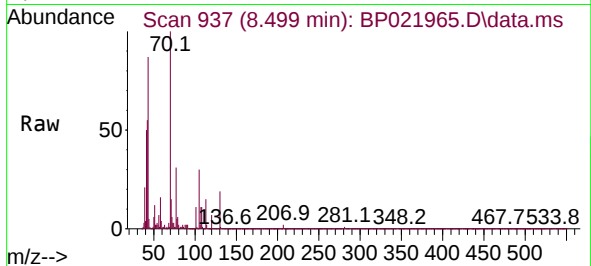
Tgt Ion:	117	Resp:	19478
Ion	Ratio	Lower	Upper
117	100		
119	101.5	77.0	115.4
201	128.7	105.6	158.4





#19
n-Nitroso-di-n-propylamine
Concen: 10.343 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

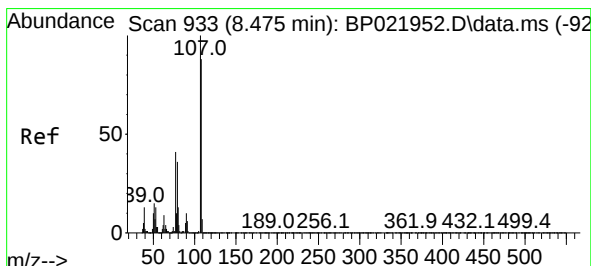
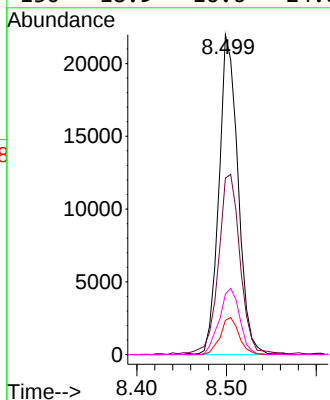
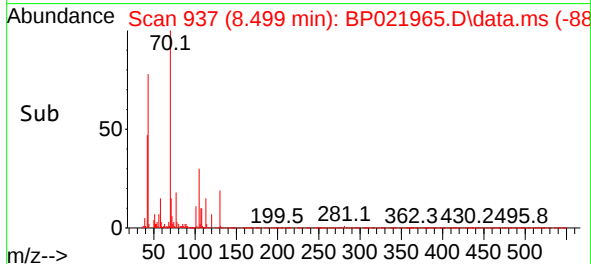
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 70 Resp: 3246
Ion Ratio Lower Upper
70 100
42 55.2 45.2 67.8
101 10.8 7.8 11.6
130 18.9 16.6 24.8

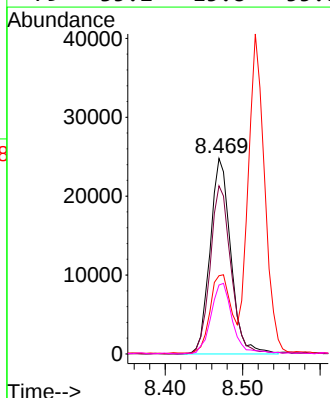
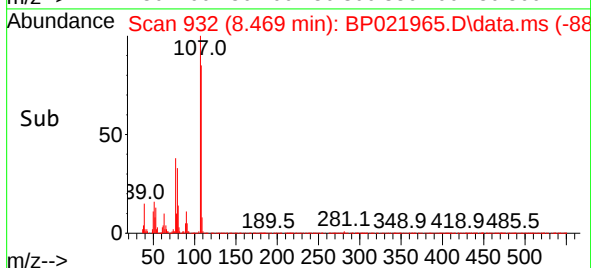
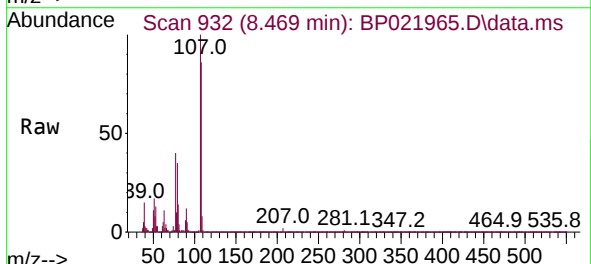
Manual Integrations
APPROVED

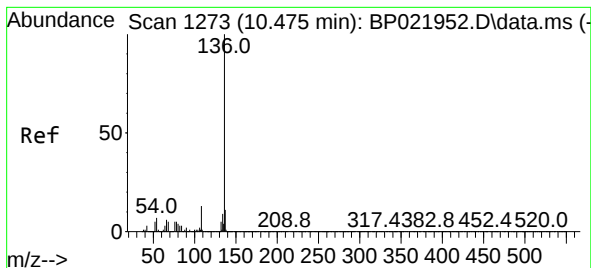
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#20
3+4-Methylphenols
Concen: 9.607 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

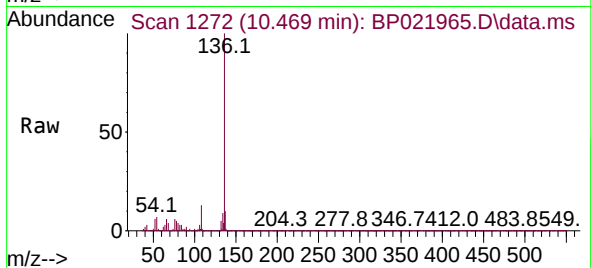
Tgt Ion:107 Resp: 45957
Ion Ratio Lower Upper
107 100
108 86.0 68.3 108.3
77 40.0 20.6 60.6
79 35.2 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

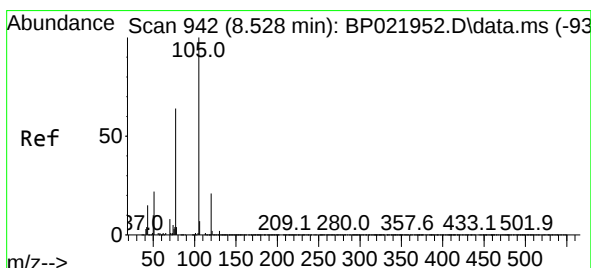
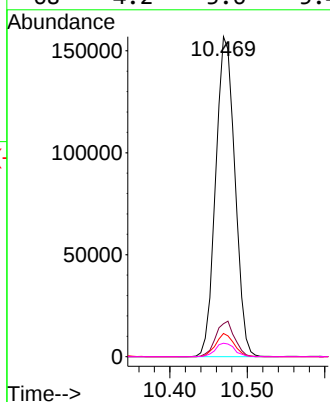
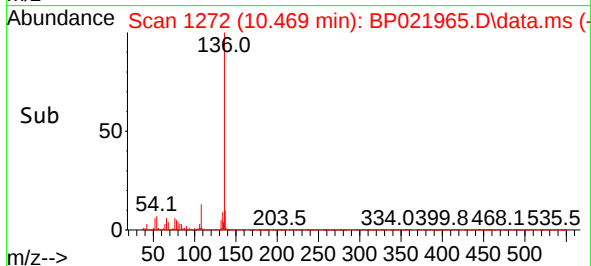
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:136 Resp: 27181
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.3 5.5 8.3
68 4.2 3.6 5.4

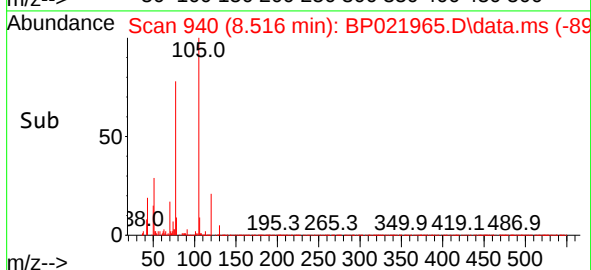
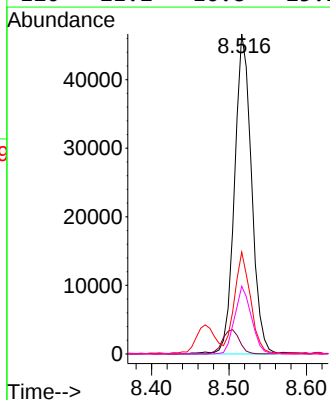
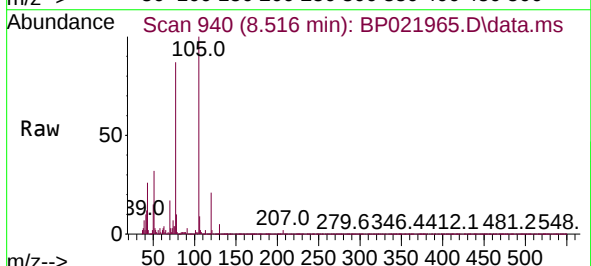
Manual Integrations
APPROVED

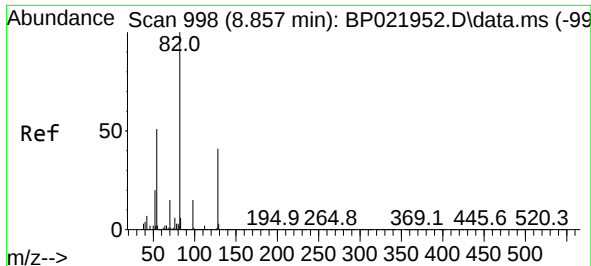
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 10.729 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

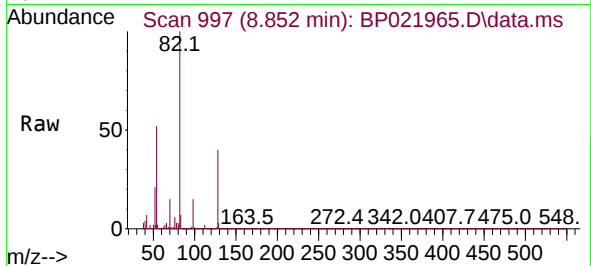
Tgt Ion:105 Resp: 71139
Ion Ratio Lower Upper
105 100
71 2.8 1.4 2.0#
51 31.9 22.1 33.1
120 21.2 16.8 25.2





#23
Nitrobenzene-d5
Concen: 88.269 ng
RT: 8.852 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

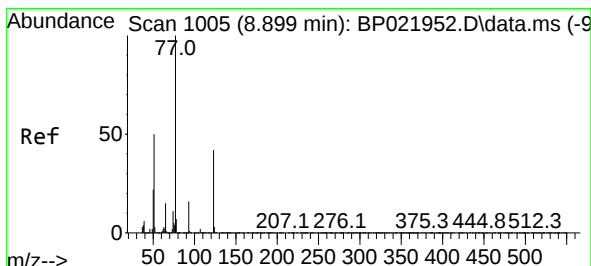
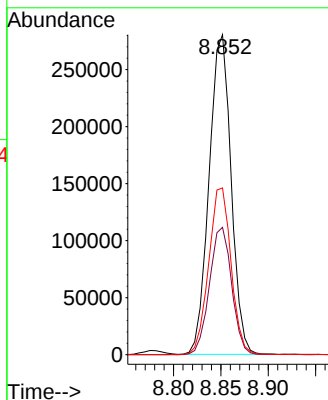
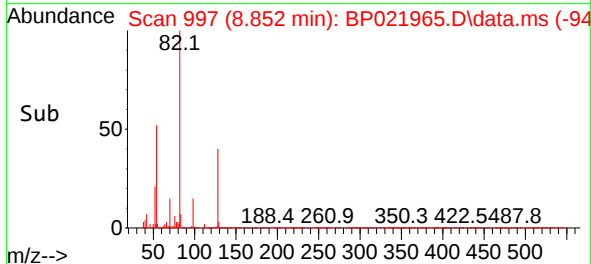
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 82 Resp: 453428
Ion Ratio Lower Upper
82 100
128 39.8 33.1 49.7
54 52.1 40.3 60.5

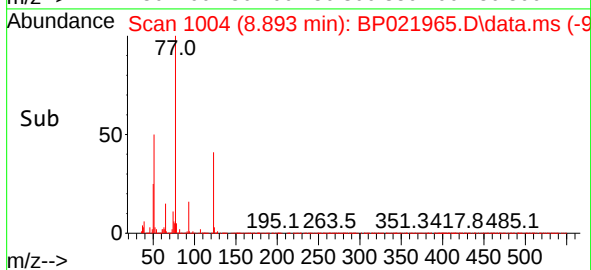
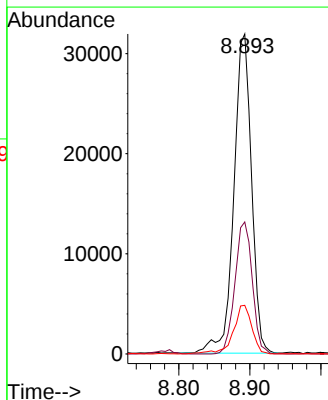
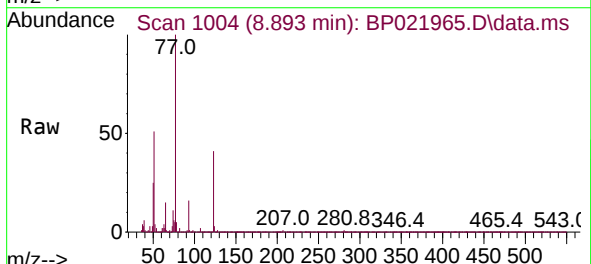
Manual Integrations
APPROVED

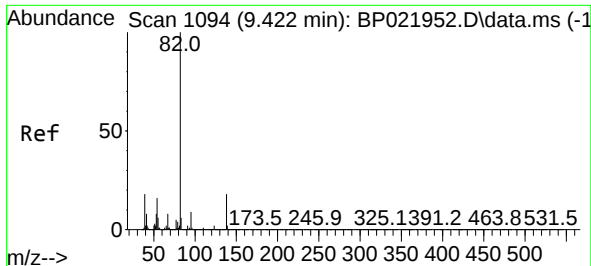
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 10.607 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 77 Resp: 55335
Ion Ratio Lower Upper
77 100
123 41.3 33.9 50.9
65 15.2 12.0 18.0





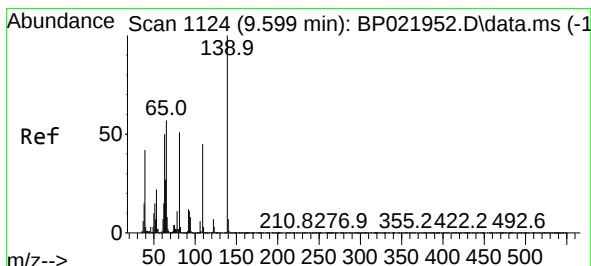
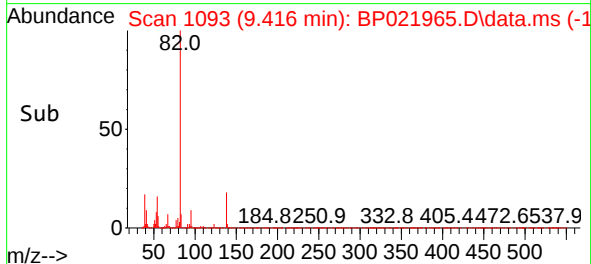
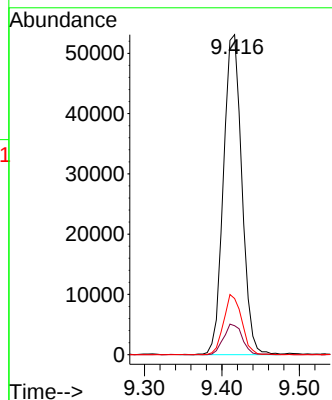
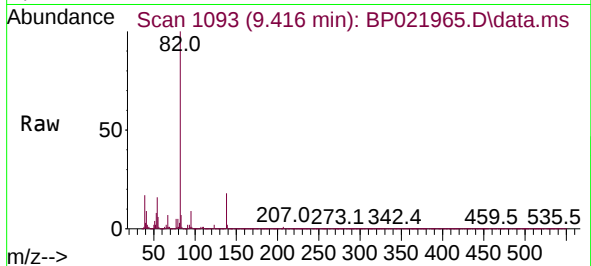
#25
Isophorone
Concen: 10.353 ng
RT: 9.416 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 82 Resp: 87678
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.6
138 17.6 14.6 21.8

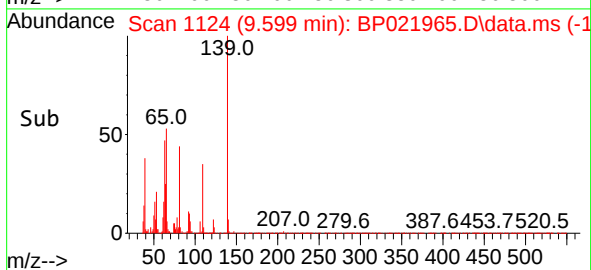
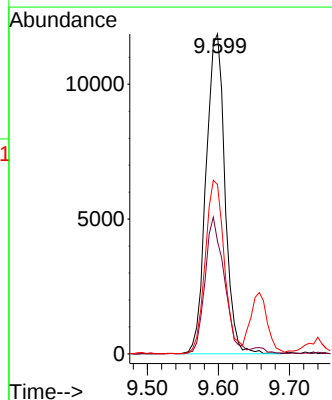
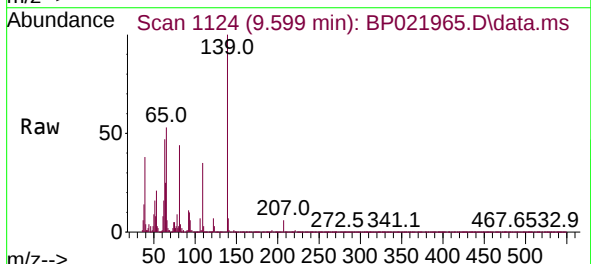
Manual Integrations
APPROVED

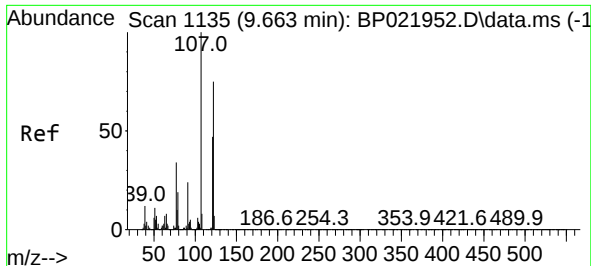
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 9.602 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:139 Resp: 21902
Ion Ratio Lower Upper
139 100
109 35.2 36.0 54.0#
65 52.9 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 10.254 ng

RT: 9.657 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

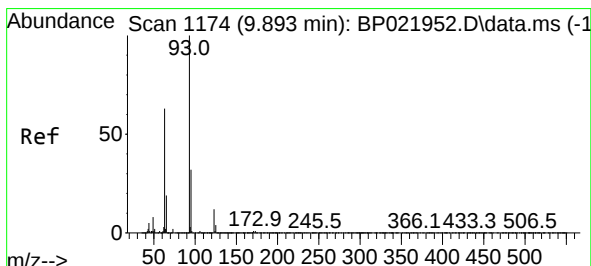
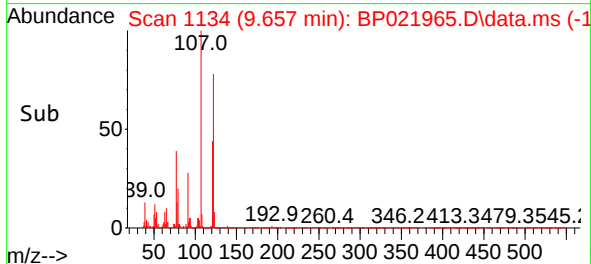
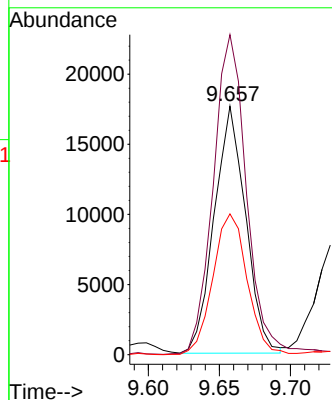
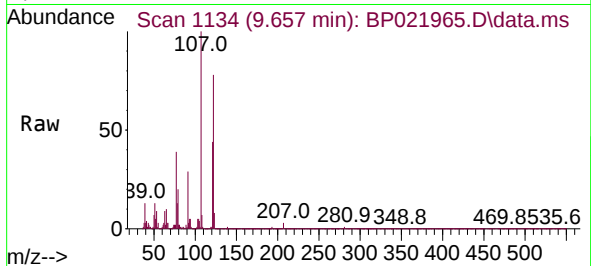
LOQ-SOIL-02-QT2-2024

Tgt Ion:	122	Resp:	2708
Ion	Ratio	Lower	Upper
122	100		
107	128.8	106.1	159.1
121	56.7	49.6	74.4

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 10.469 ng

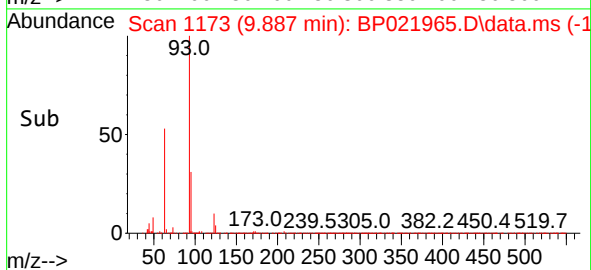
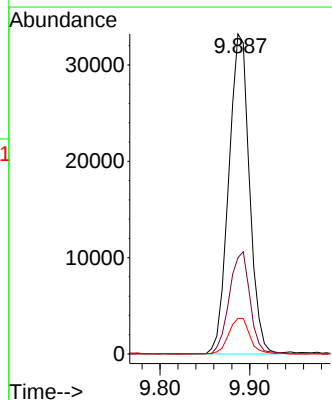
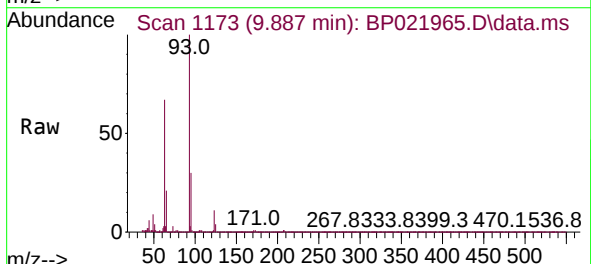
RT: 9.887 min Scan# 1173

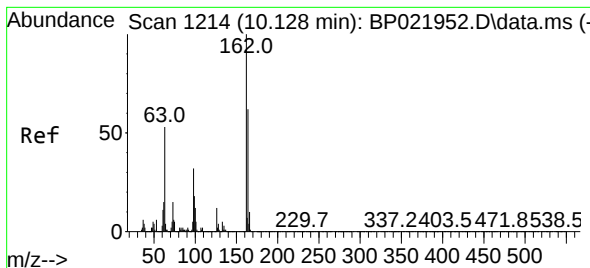
Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	93	Resp:	53163
Ion	Ratio	Lower	Upper
93	100		
95	30.1	25.7	38.5
123	11.1	9.4	14.0





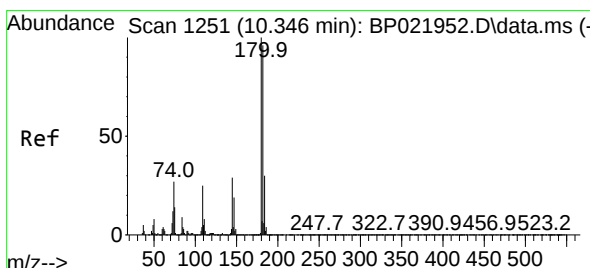
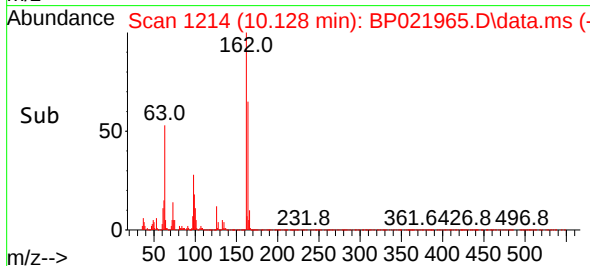
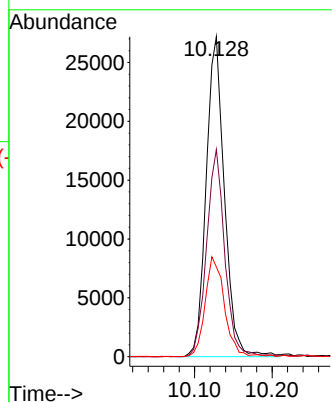
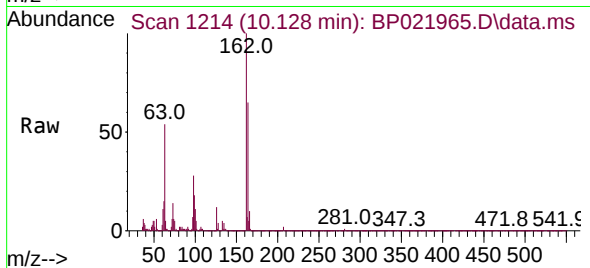
#29
2,4-Dichlorophenol
Concen: 9.907 ng
RT: 10.128 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:162 Resp: 44414
Ion Ratio Lower Upper
162 100
164 64.8 41.7 81.7
98 28.1 12.4 52.4

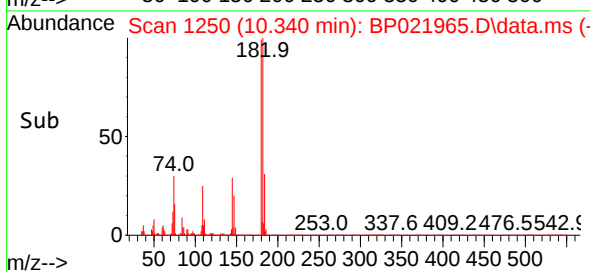
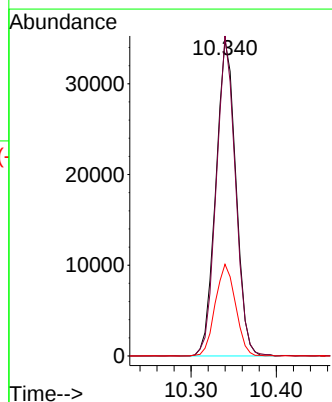
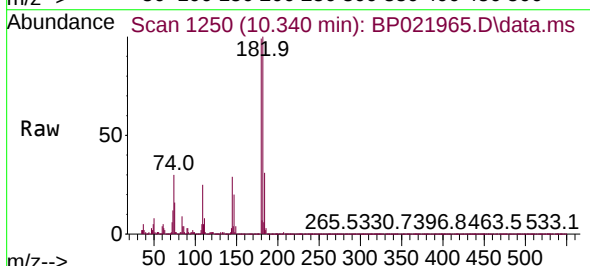
Manual Integrations
APPROVED

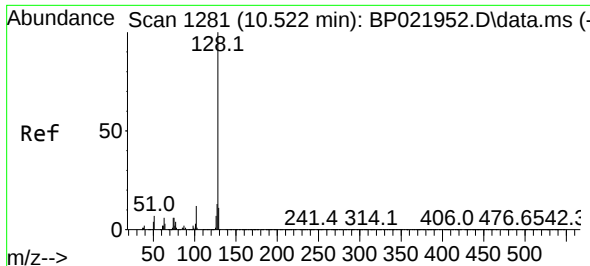
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 10.178 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

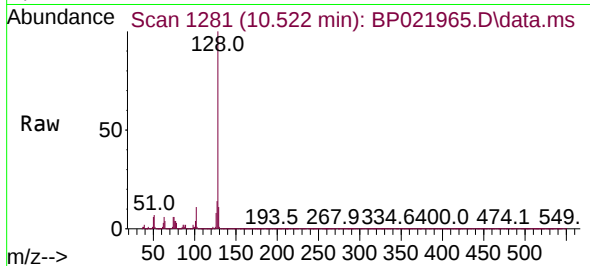
Tgt Ion:180 Resp: 56834
Ion Ratio Lower Upper
180 100
182 101.3 77.0 115.4
145 29.0 23.0 34.6





#31
Naphthalene
Concen: 10.218 ng
RT: 10.522 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

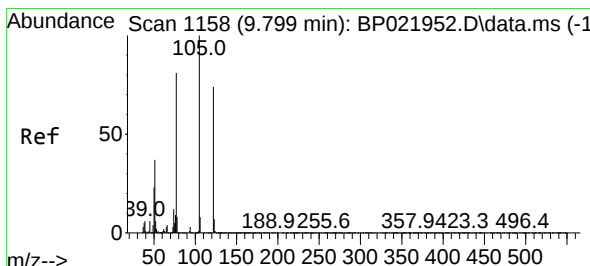
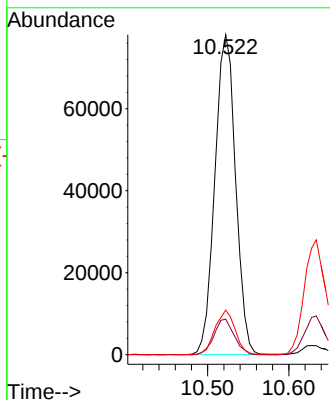
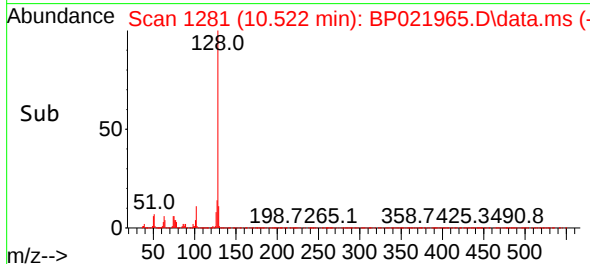
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:128 Resp: 13858
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.9 10.6 15.8

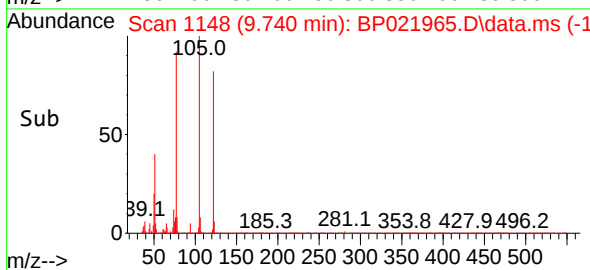
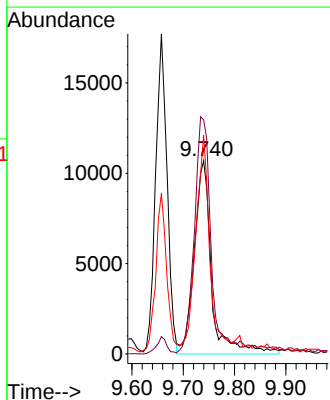
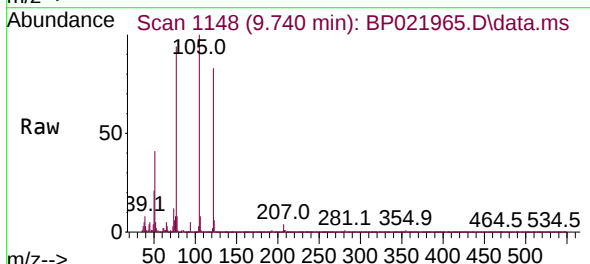
Manual Integrations
APPROVED

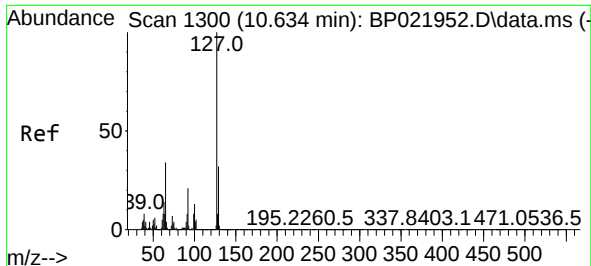
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 8.143 ng m
RT: 9.740 min Scan# 1148
Delta R.T. -0.059 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

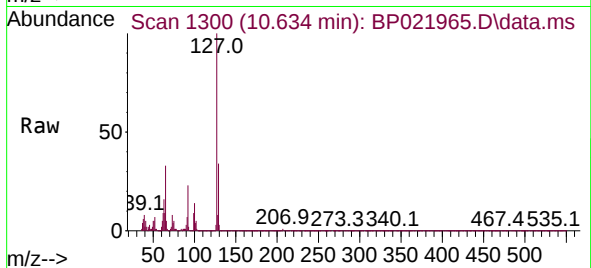
Tgt Ion:122 Resp: 25142
Ion Ratio Lower Upper
122 100
105 121.2 111.3 151.3
77 113.3 86.7 126.7





#33
4-Chloroaniline
Concen: 10.891 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

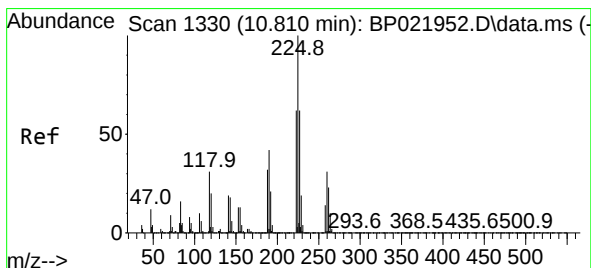
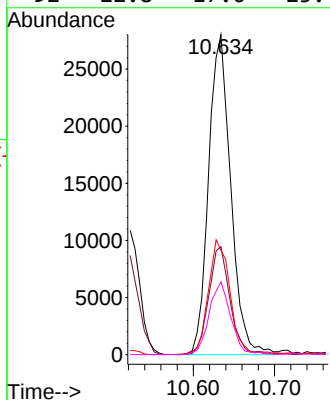
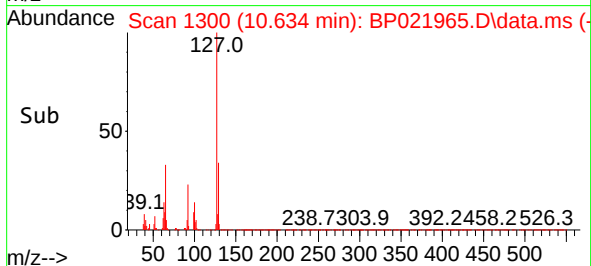
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.4	38.0
65	32.7	27.4	41.2
92	22.8	17.0	25.4

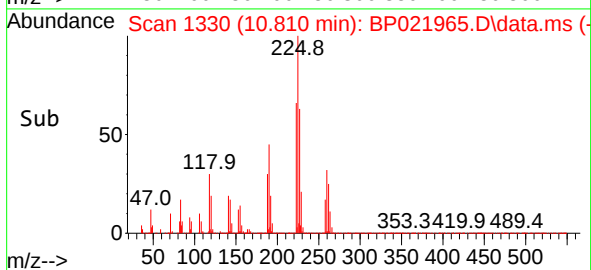
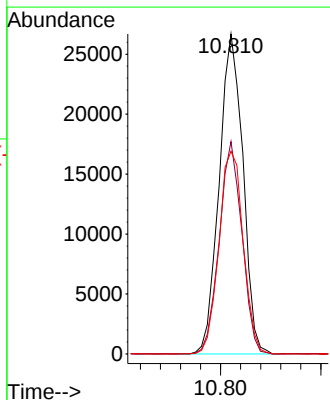
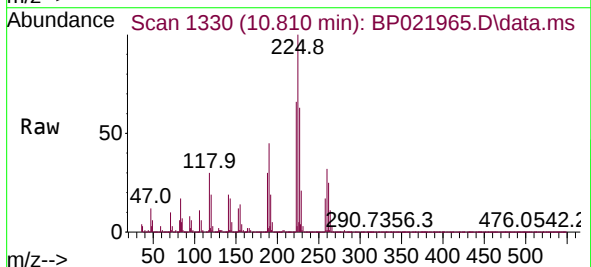
Manual Integrations
APPROVED

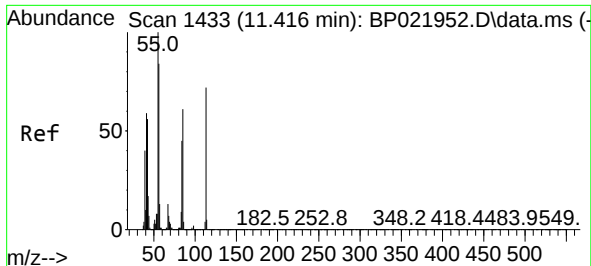
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 10.005 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

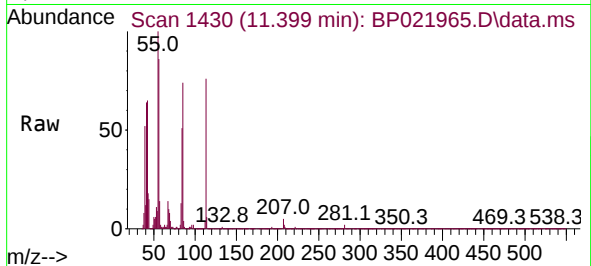
Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	50.0	75.0
227	63.3	49.7	74.5





#35
Caprolactam
Concen: 9.174 ng
RT: 11.399 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

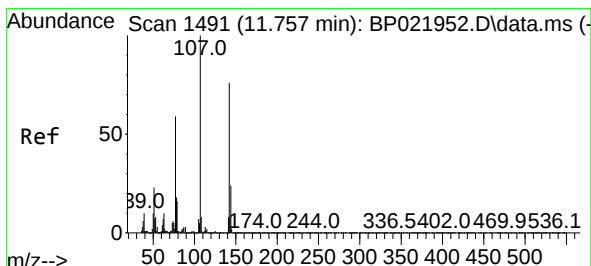
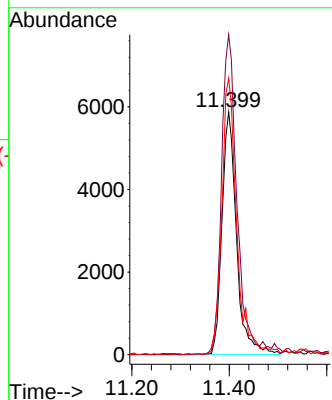
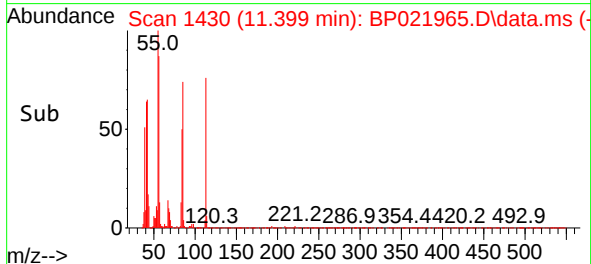
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



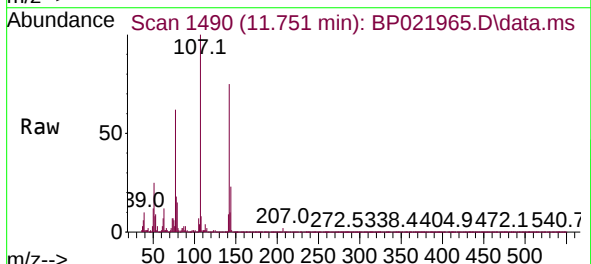
Tgt Ion:113 Resp: 12239
Ion Ratio Lower Upper
113 100
55 131.9 119.4 159.4
56 113.9 97.1 137.1

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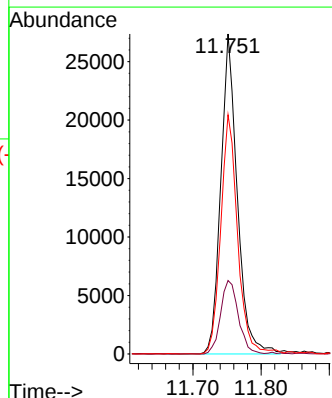
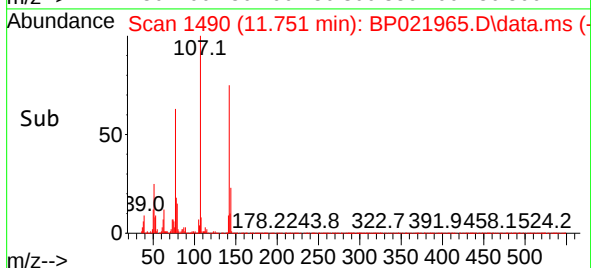
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

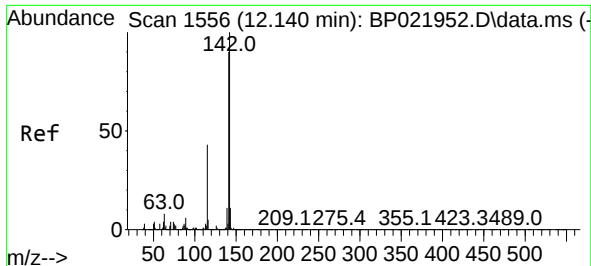


#36
4-Chloro-3-methylphenol
Concen: 9.581 ng
RT: 11.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11



Tgt Ion:107 Resp: 46078
Ion Ratio Lower Upper
107 100
144 23.0 19.0 28.4
142 74.8 60.4 90.6





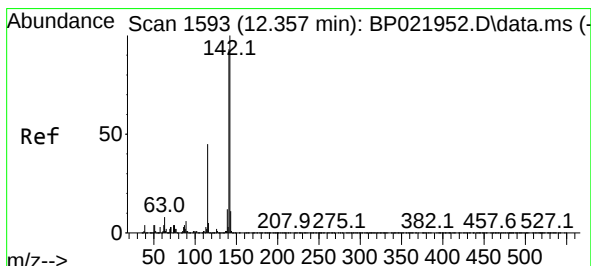
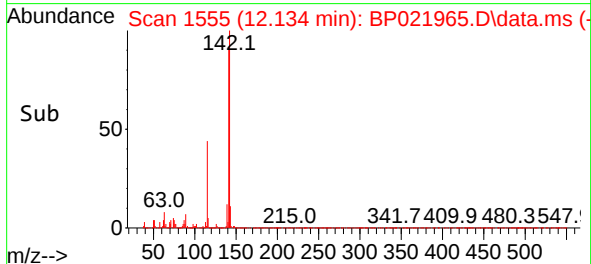
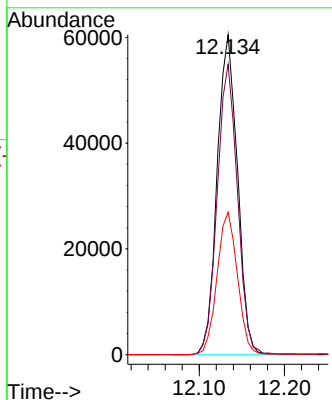
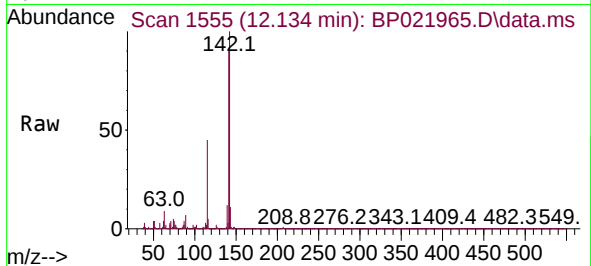
#37
2-Methylnaphthalene
Concen: 10.094 ng
RT: 12.134 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:142 Resp: 10016
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5
115 44.5 34.6 51.8

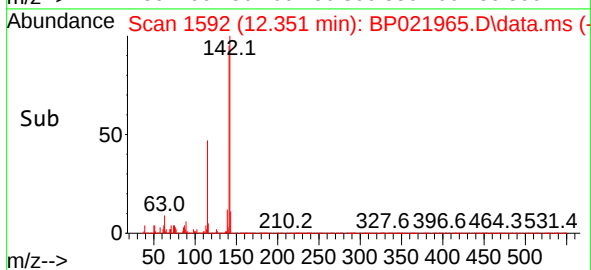
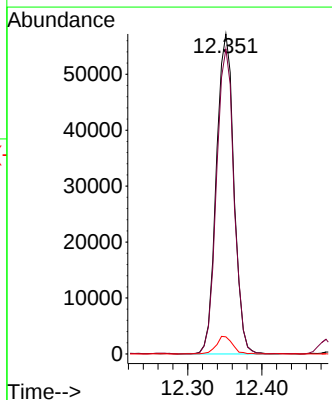
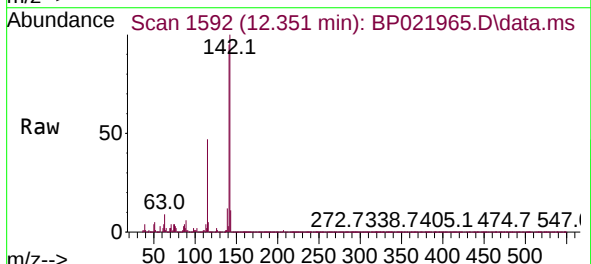
Manual Integrations
APPROVED

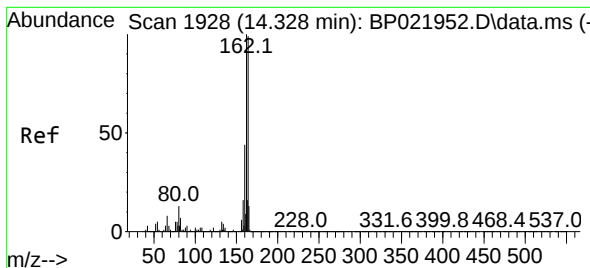
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 9.598 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:142 Resp: 94031
Ion Ratio Lower Upper
142 100
141 95.3 74.1 111.1
116 5.4 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.328 min Scan# 1928

Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

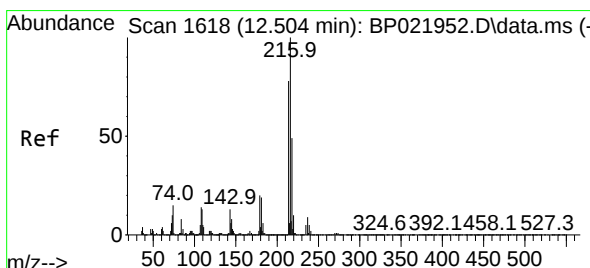
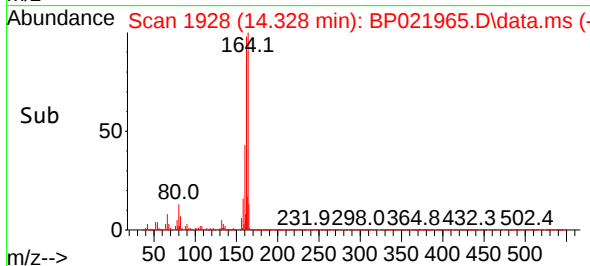
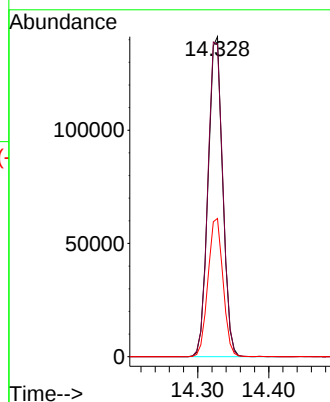
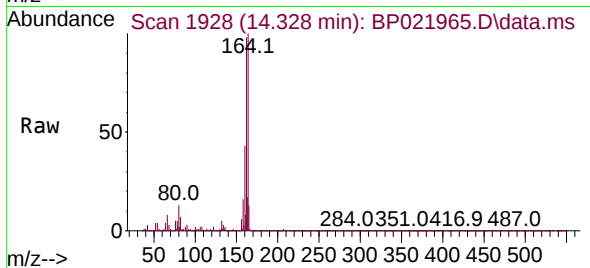
LOQ-SOIL-02-QT2-2024

Tgt Ion:164	Resp: 201780
Ion Ratio	Lower Upper
164	100
162	97.6 81.2 121.8
160	43.2 35.9 53.9

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.444 ng

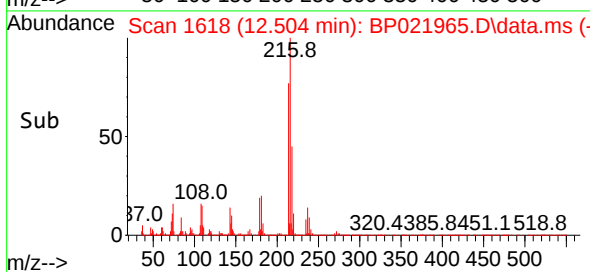
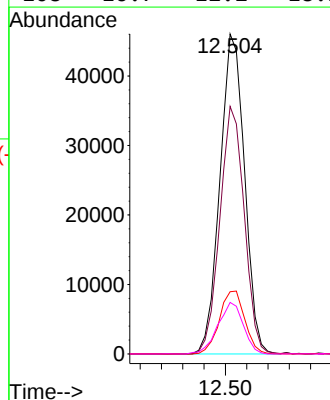
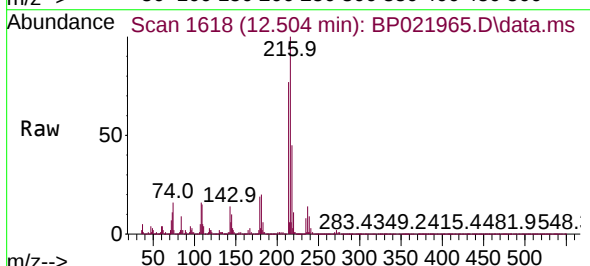
RT: 12.504 min Scan# 1618

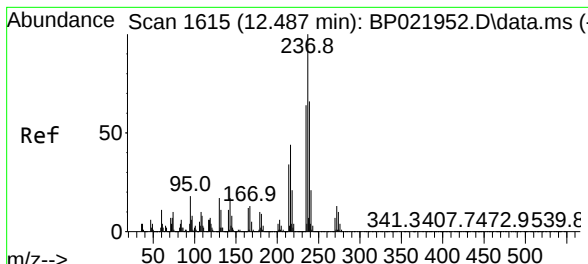
Delta R.T. 0.000 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:216	Resp: 73730
Ion Ratio	Lower Upper
216	100
214	76.8 62.8 94.2
179	20.3 16.4 24.6
108	16.7 12.2 18.2





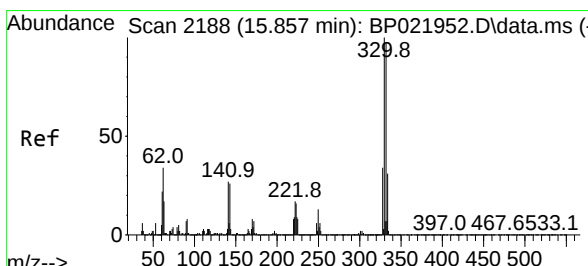
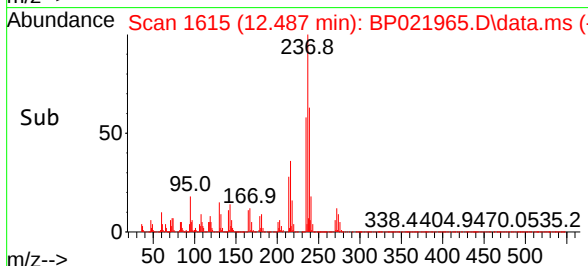
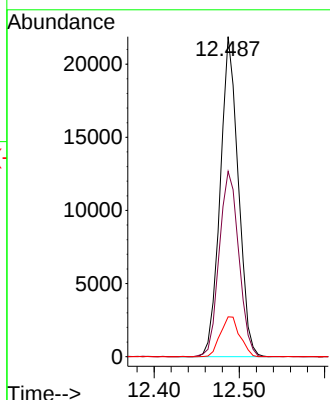
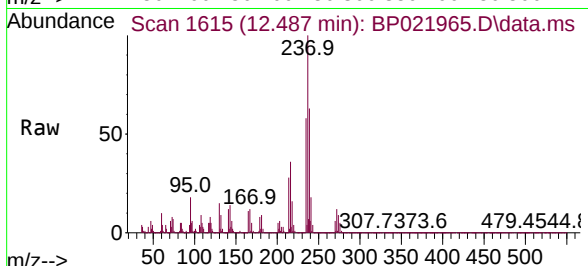
#41
Hexachlorocyclopentadiene
Concen: 12.306 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 237 Resp: 32279
Ion Ratio Lower Upper
237 100
235 57.9 44.1 84.1
272 12.5 0.0 33.1

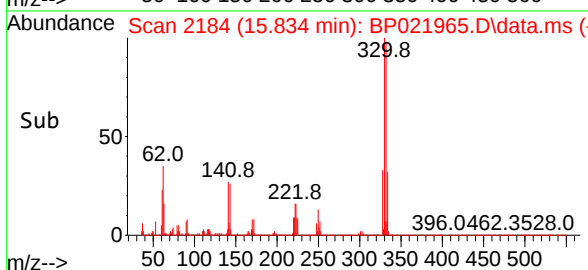
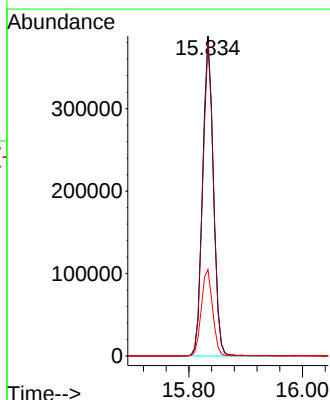
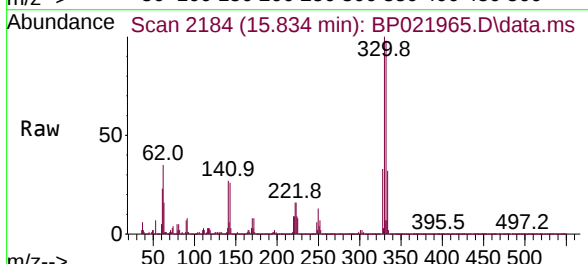
Manual Integrations
APPROVED

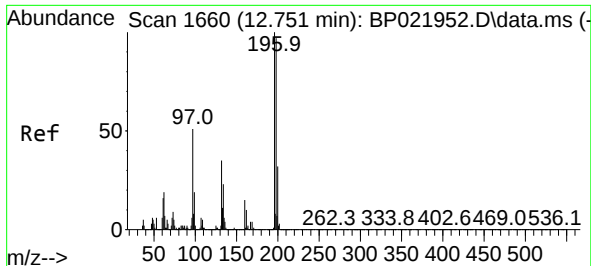
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#42
2,4,6-Tribromophenol
Concen: 136.549 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.023 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 330 Resp: 510813
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 28.2 23.4 35.0





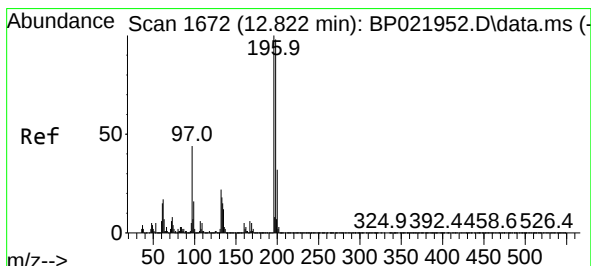
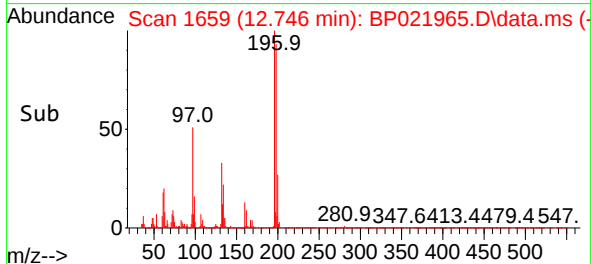
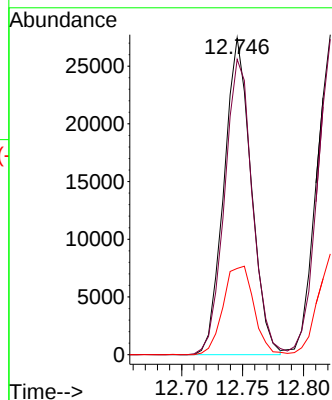
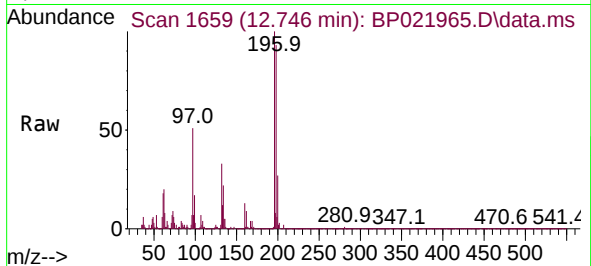
#43
2,4,6-Trichlorophenol
Concen: 9.882 ng
RT: 12.746 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:196 Resp: 42820
Ion Ratio Lower Upper
196 100
198 93.2 77.6 116.4
200 27.2 25.8 38.6

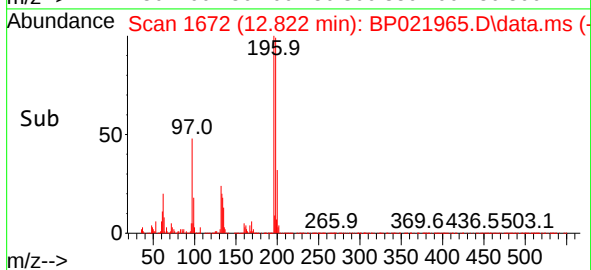
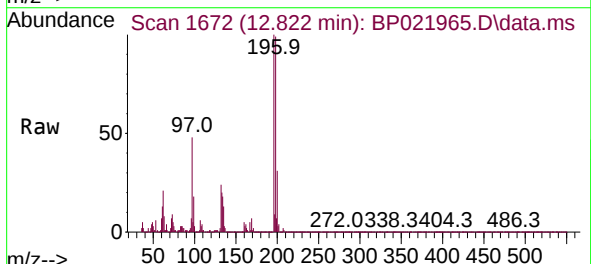
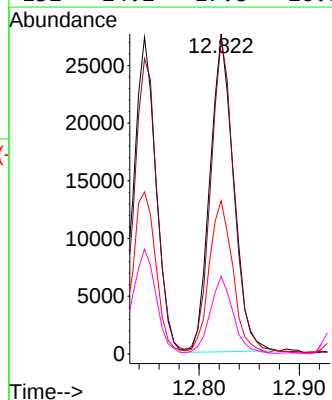
Manual Integrations
APPROVED

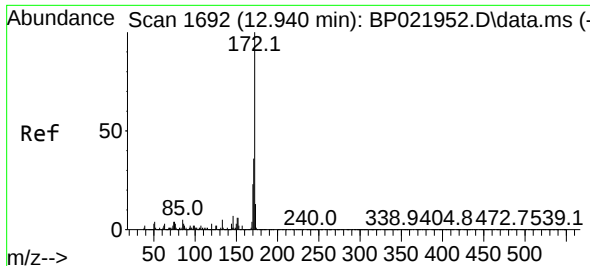
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#44
2,4,5-Trichlorophenol
Concen: 9.307 ng
RT: 12.822 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

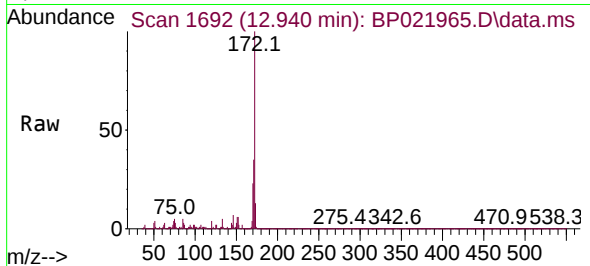
Tgt Ion:196 Resp: 45239
Ion Ratio Lower Upper
196 100
198 98.6 78.2 117.4
97 47.9 35.0 52.4
132 24.2 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 87.882 ng
RT: 12.940 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

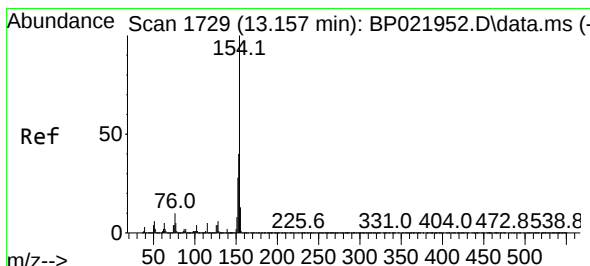
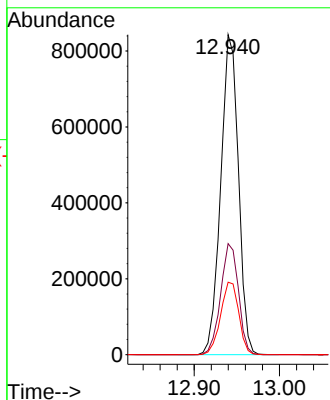
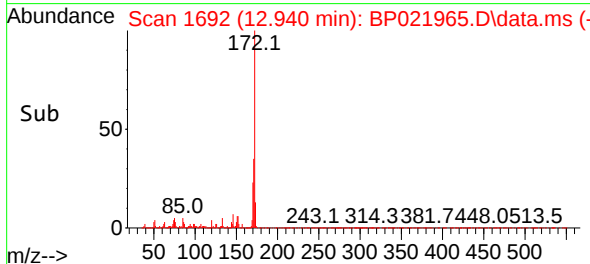
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



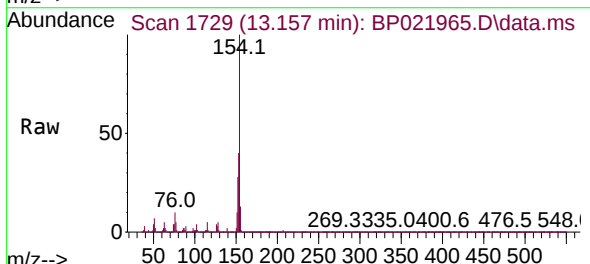
Tgt Ion:172 Resp: 1214808
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.6 18.8 28.2

Manual Integrations
APPROVED

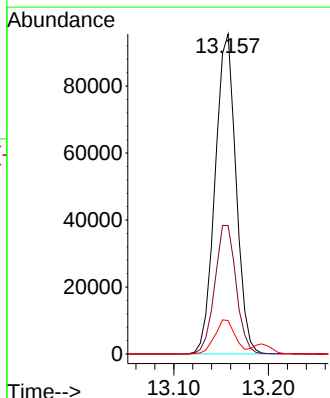
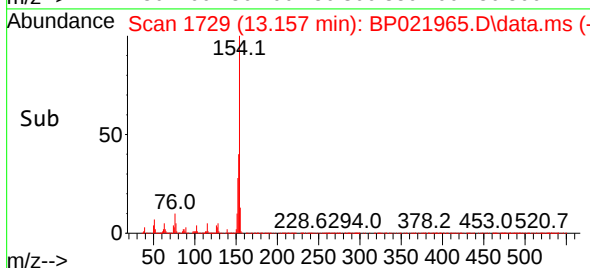
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

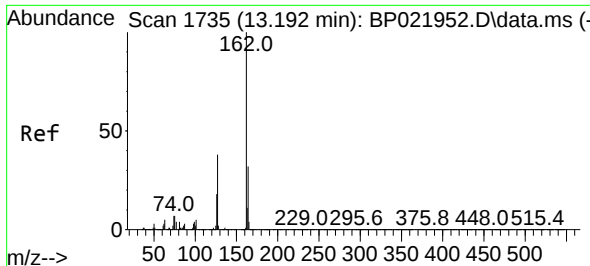


#46
1,1'-Biphenyl
Concen: 10.670 ng
RT: 13.157 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11



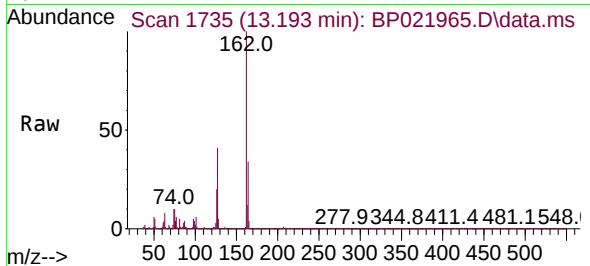
Tgt Ion:154 Resp: 146806
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 10.4 0.0 29.9





#47
2-Chloronaphthalene
Concen: 10.235 ng
RT: 13.193 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

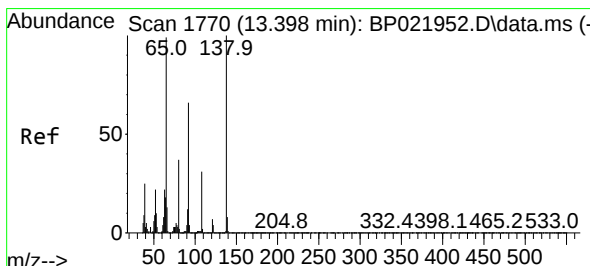
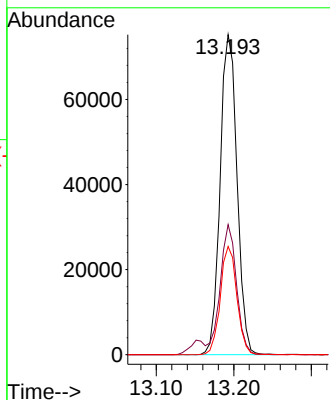
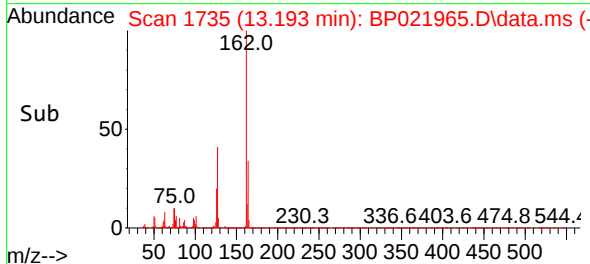
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 162 Resp: 11386
Ion Ratio Lower Upper
162 100
127 40.7 31.7 47.5
164 33.8 25.9 38.9

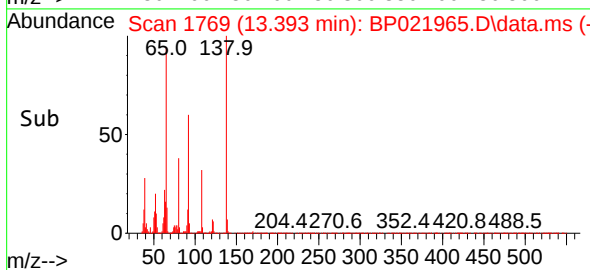
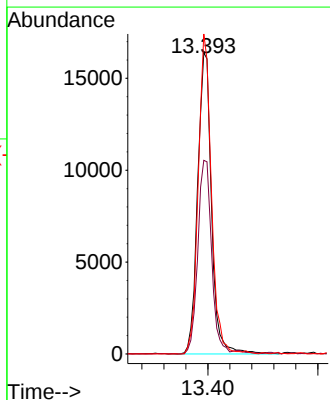
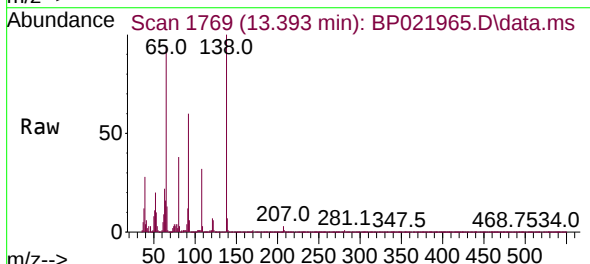
Manual Integrations
APPROVED

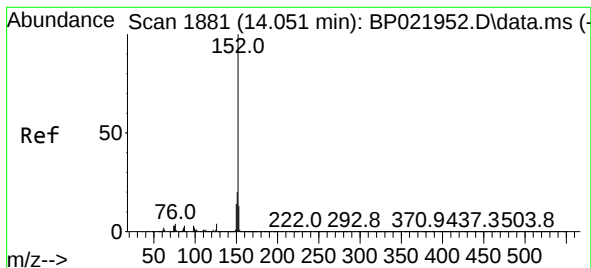
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#48
2-Nitroaniline
Concen: 9.441 ng
RT: 13.393 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion: 65 Resp: 28681
Ion Ratio Lower Upper
65 100
92 64.2 53.2 79.8
138 106.2 81.1 121.7





#49

Acenaphthylene

Concen: 11.094 ng

RT: 14.040 min Scan# 1879

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

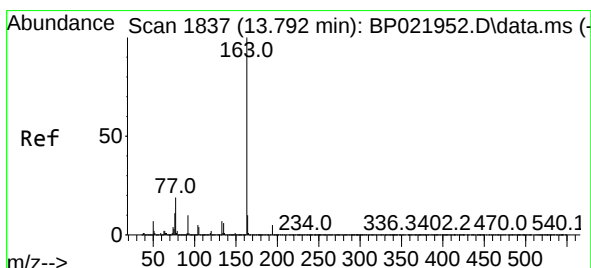
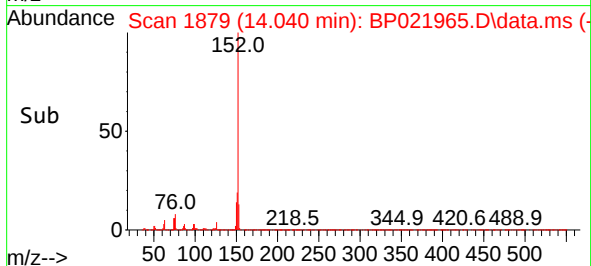
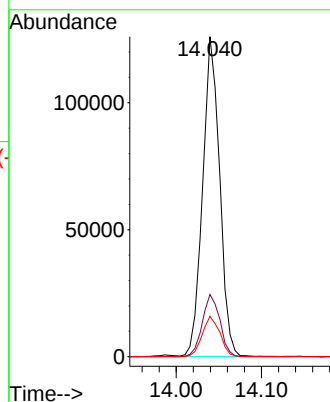
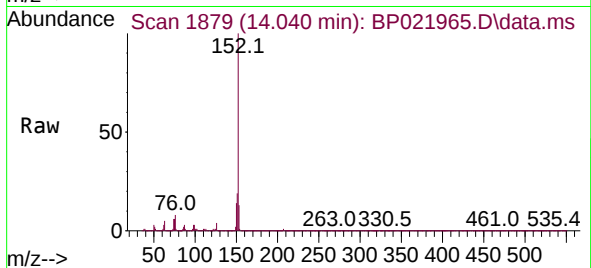
LOQ-SOIL-02-QT2-2024

Tgt Ion:	152	Resp:	17415
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.0	24.0
153	12.6	10.8	16.2

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 10.455 ng

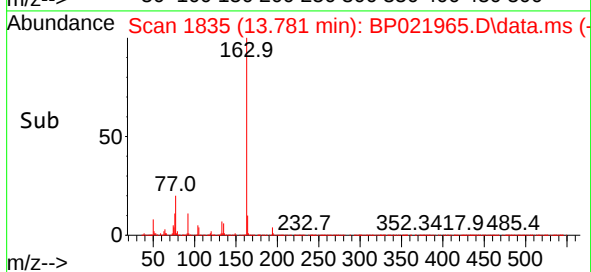
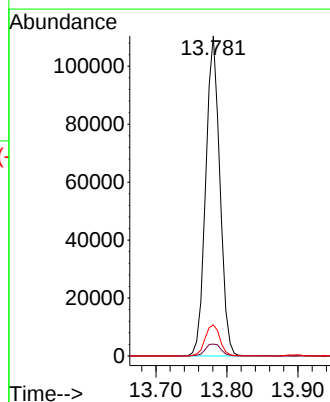
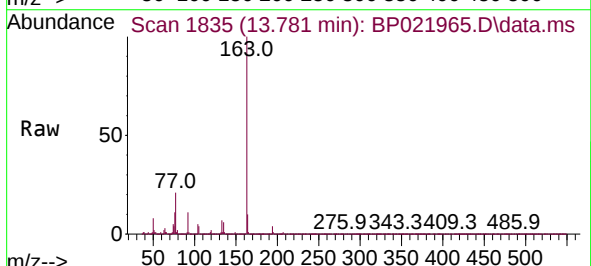
RT: 13.781 min Scan# 1835

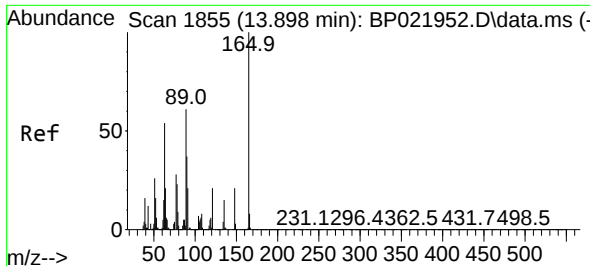
Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	163	Resp:	153009
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.6	5.4
164	9.7	8.0	12.0





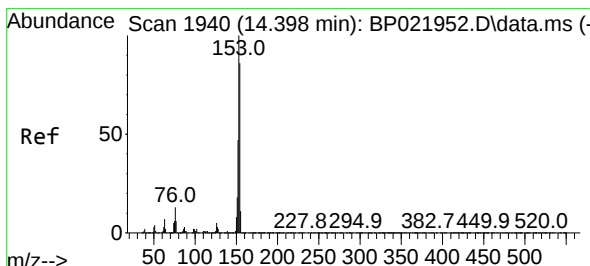
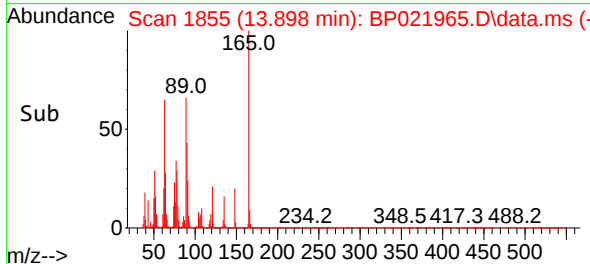
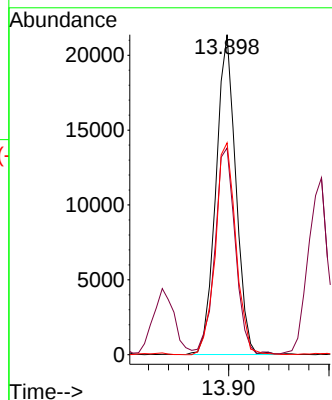
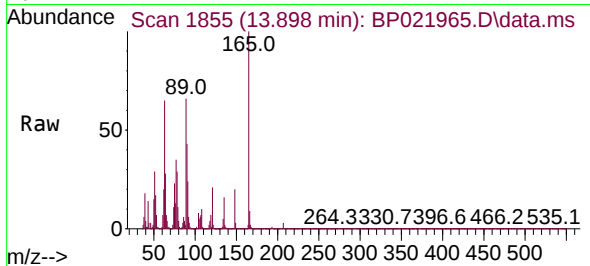
#51
2,6-Dinitrotoluene
Concen: 9.014 ng
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:165 Resp: 29390
Ion Ratio Lower Upper
165 100
63 64.6 46.4 69.6
89 66.2 48.5 72.7

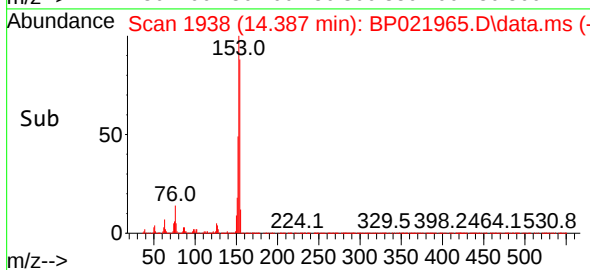
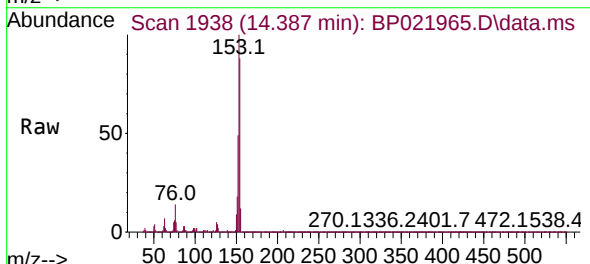
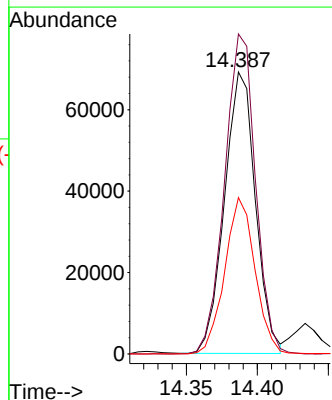
Manual Integrations
APPROVED

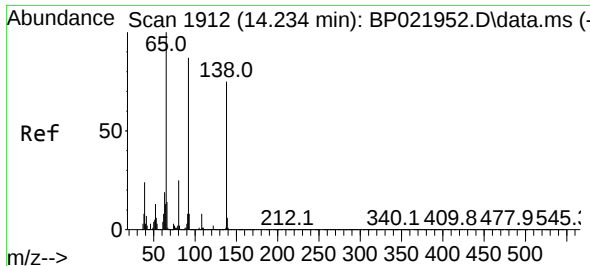
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 10.254 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:154 Resp: 104760
Ion Ratio Lower Upper
154 100
153 113.5 92.7 139.1
152 55.5 43.6 65.4





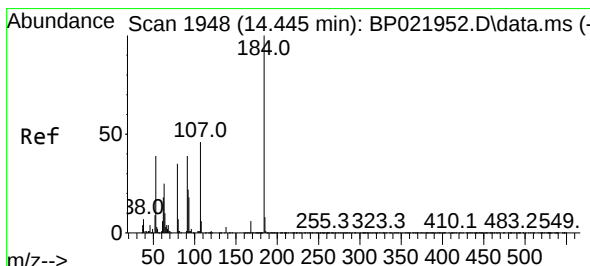
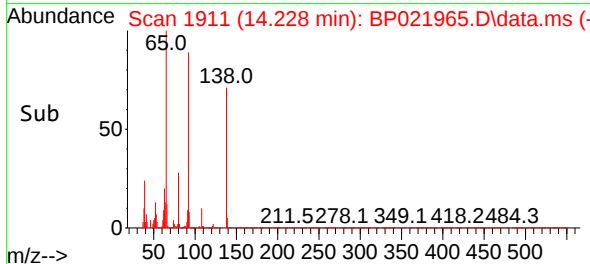
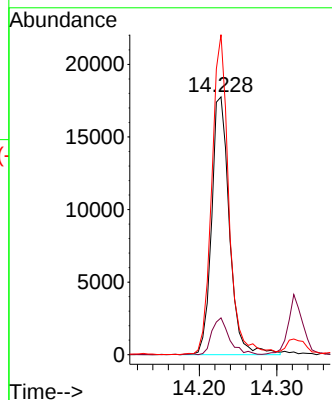
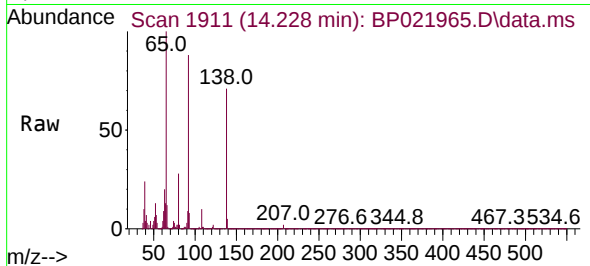
#53
3-Nitroaniline
Concen: 9.762 ng
RT: 14.228 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:138 Resp: 2837
Ion Ratio Lower Upper
138 100
108 14.3 9.0 13.4
92 124.1 92.8 139.2

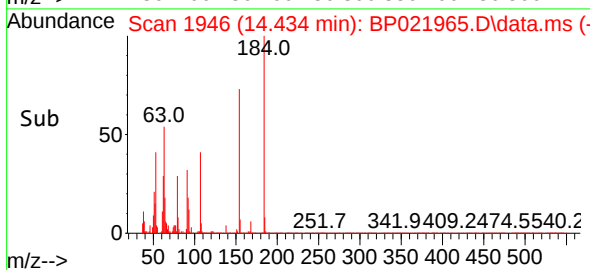
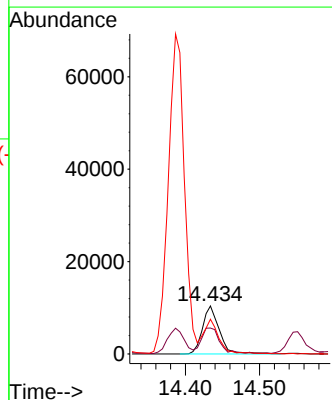
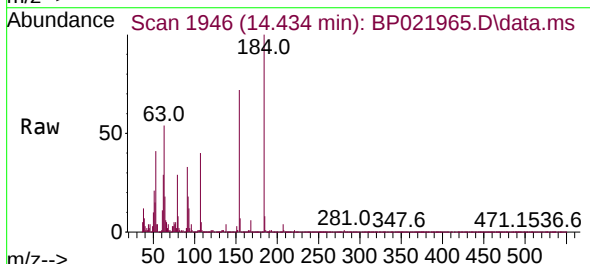
Manual Integrations
APPROVED

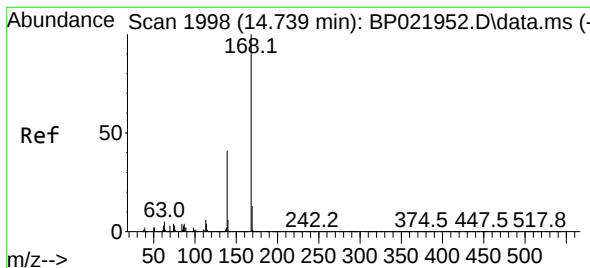
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 8.536 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

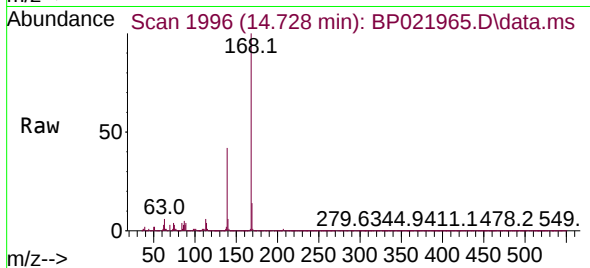
Tgt Ion:184 Resp: 16311
Ion Ratio Lower Upper
184 100
63 54.2 49.0 73.6
154 72.4 58.1 87.1





#55
Dibenzenofuran
Concen: 10.850 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

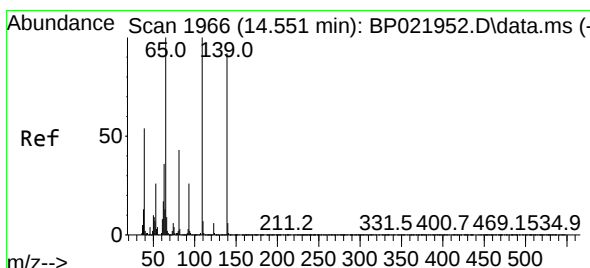
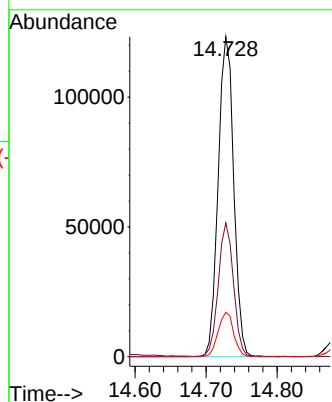
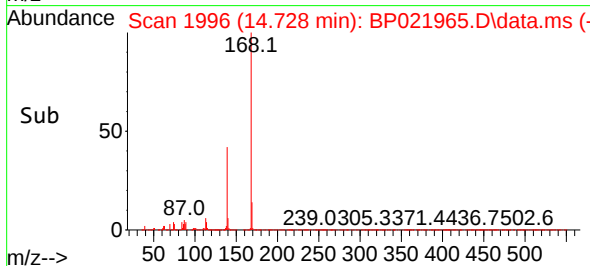
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:168 Resp: 18631
Ion Ratio Lower Upper
168 100
139 41.8 33.0 49.4
169 13.8 10.7 16.1

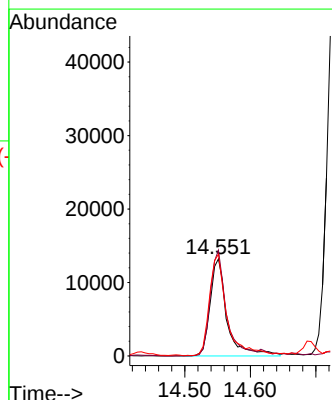
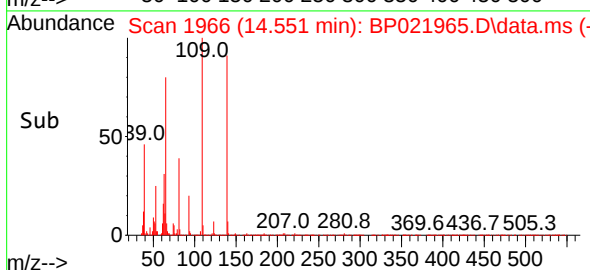
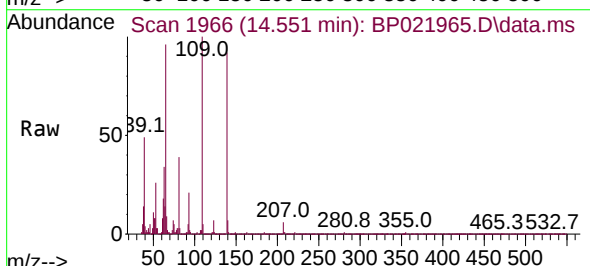
Manual Integrations
APPROVED

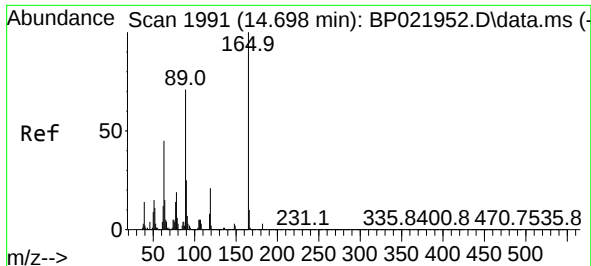
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#56
4-Nitrophenol
Concen: 9.375 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

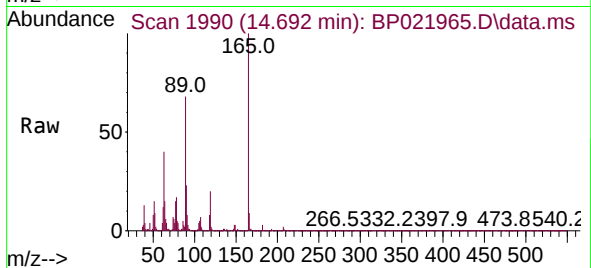
Tgt Ion:139 Resp: 23716
Ion Ratio Lower Upper
139 100
109 108.9 88.6 128.6
65 104.8 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 9.549 ng
RT: 14.692 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

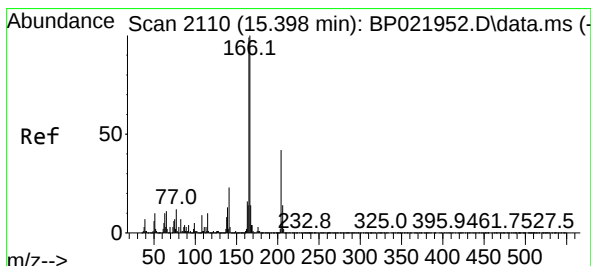
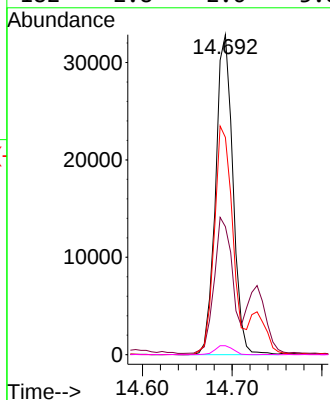
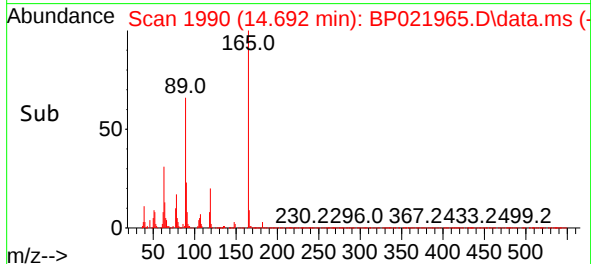
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:165 Resp: 44024
Ion Ratio Lower Upper
165 100
63 40.0 36.3 54.5
89 67.9 57.2 85.8
182 2.8 2.6 3.8

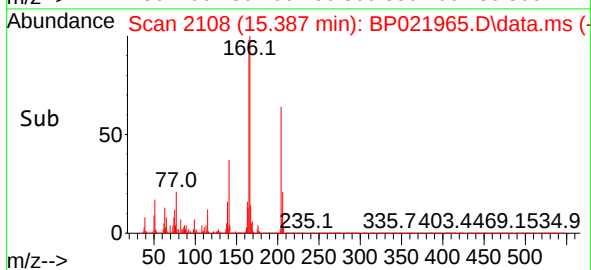
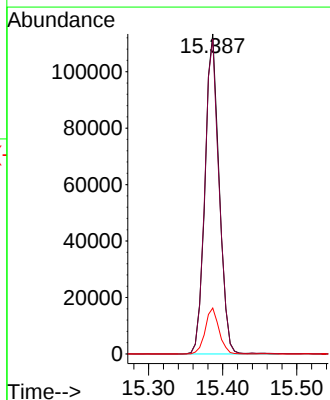
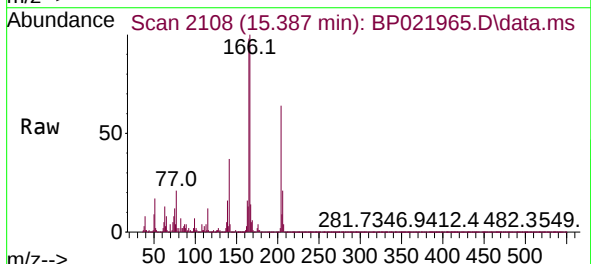
Manual Integrations
APPROVED

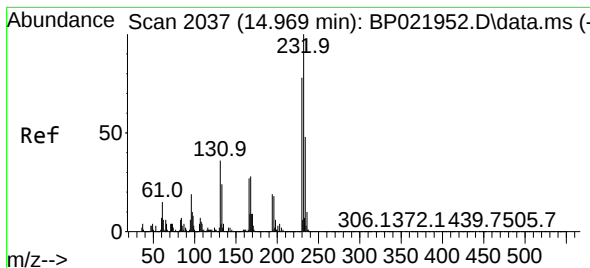
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 10.476 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:166 Resp: 150243
Ion Ratio Lower Upper
166 100
165 98.4 79.4 119.2
167 14.4 10.9 16.3





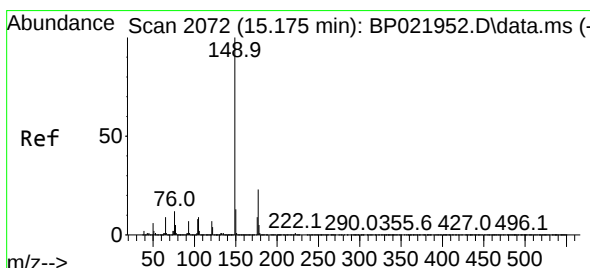
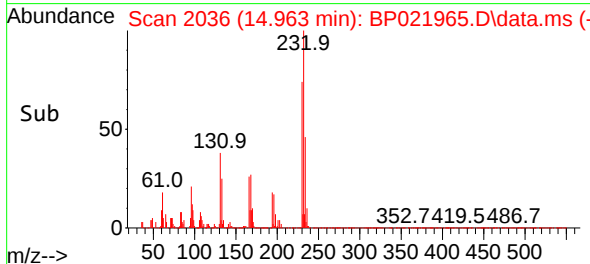
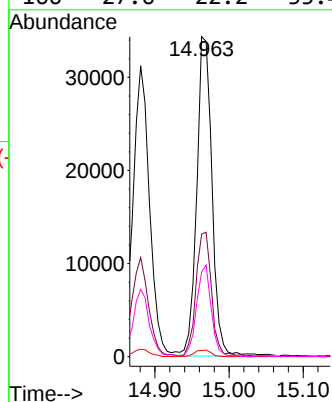
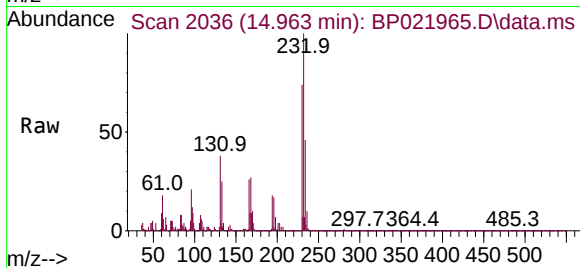
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.458 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:232 Resp: 4906
Ion Ratio Lower Upper
232 100
131 39.7 30.2 45.4
130 2.3 1.9 2.9
166 27.6 22.2 33.4

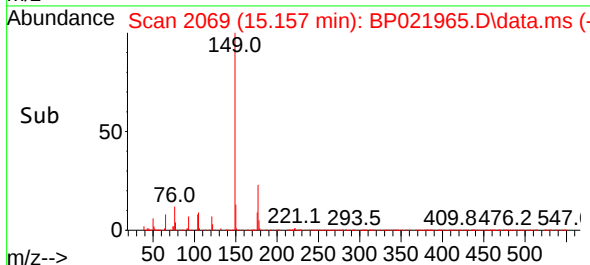
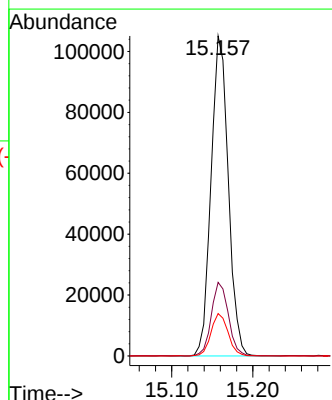
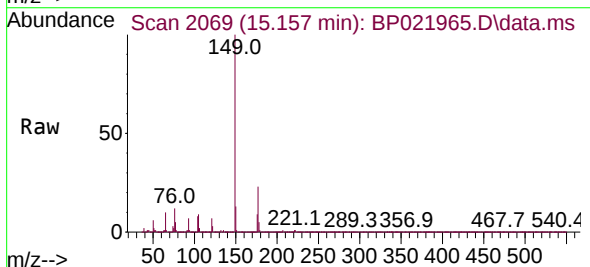
Manual Integrations
APPROVED

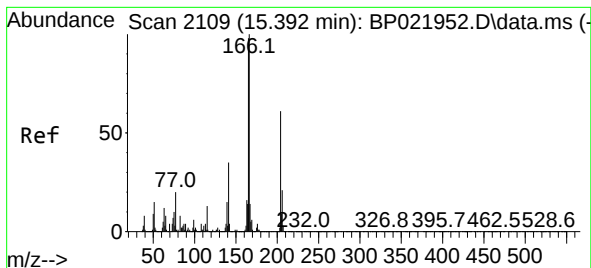
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 10.404 ng
RT: 15.157 min Scan# 2069
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

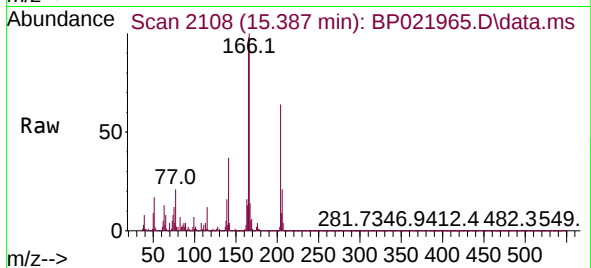
Tgt Ion:149 Resp: 154725
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.630 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

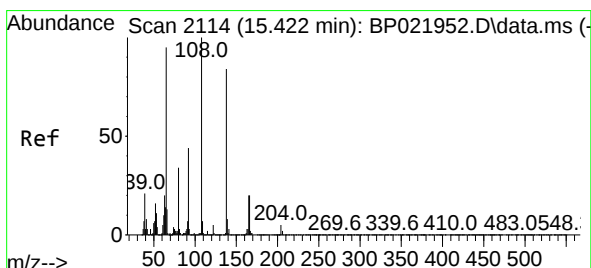
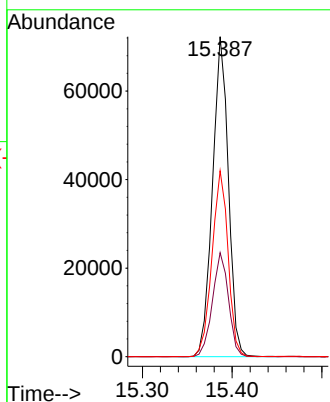
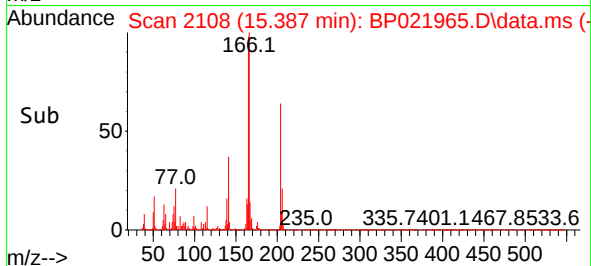
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:204 Resp: 88752
Ion Ratio Lower Upper
204 100
206 32.5 27.3 40.9
141 58.1 45.7 68.5

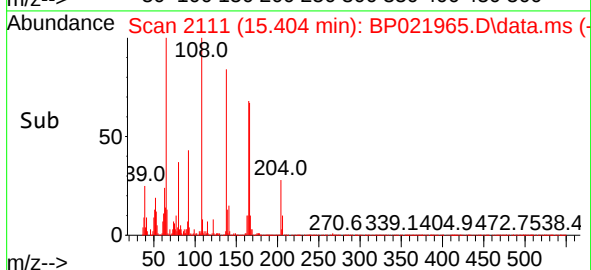
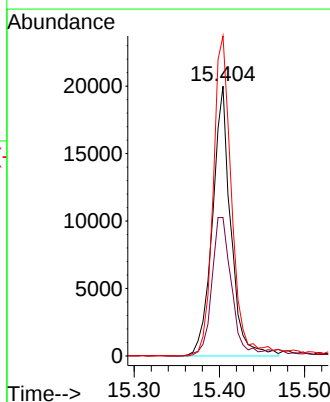
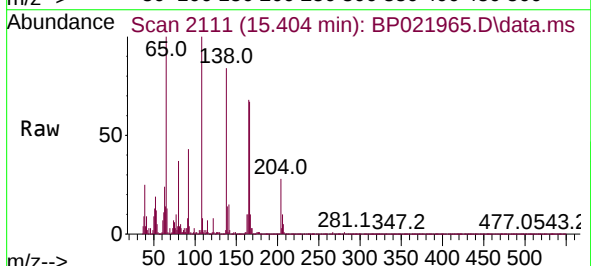
Manual Integrations
APPROVED

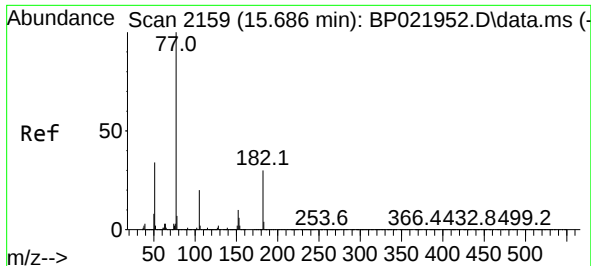
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#62
4-Nitroaniline
Concen: 9.366 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

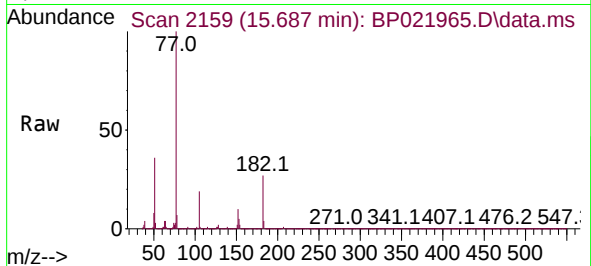
Tgt Ion:138 Resp: 29934
Ion Ratio Lower Upper
138 100
92 51.3 32.6 72.6
108 118.6 98.6 138.6





#63
Azobenzene
Concen: 11.050 ng
RT: 15.687 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

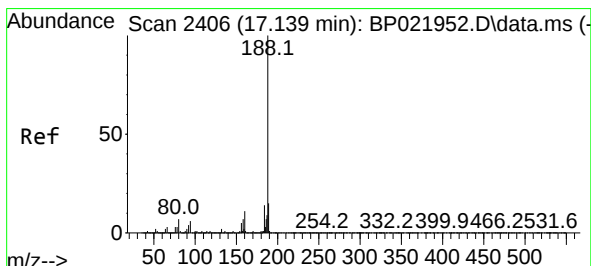
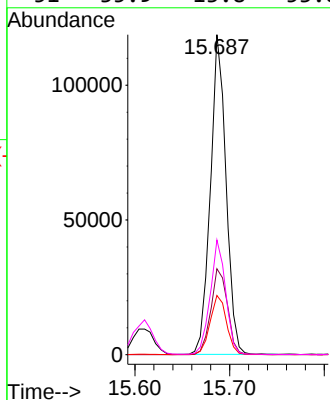
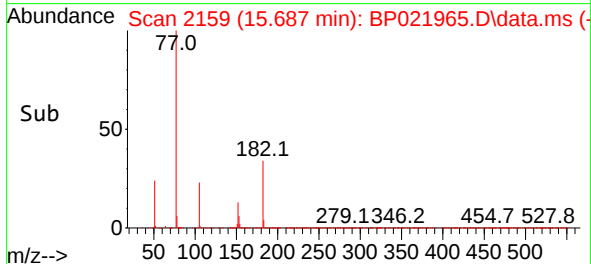
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:	77	Resp:	135994
Ion	Ratio	Lower	Upper
77	100		
182	26.8	9.6	49.6
105	18.5	0.0	39.8
51	35.9	13.8	53.8

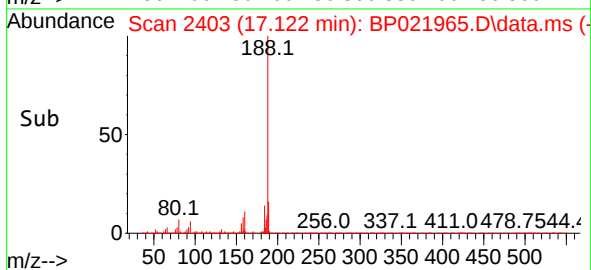
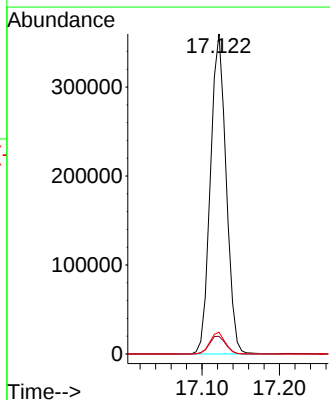
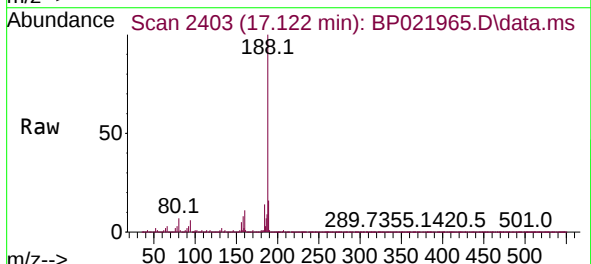
Manual Integrations
APPROVED

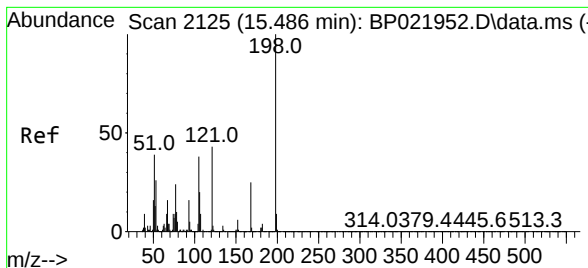
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:	188	Resp:	506738
Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.6	6.8
80	6.8	5.4	8.2





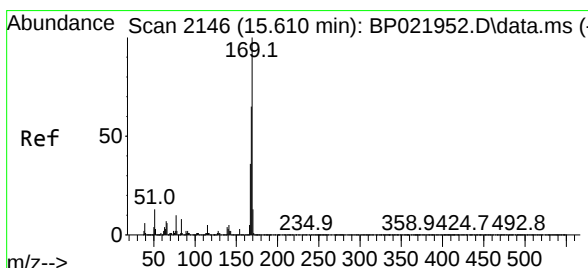
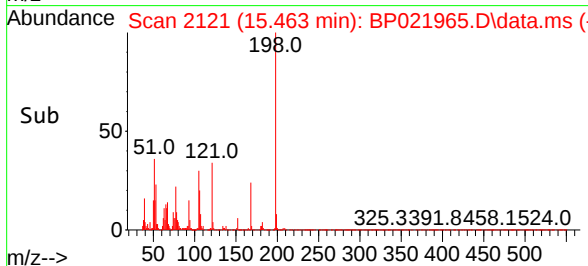
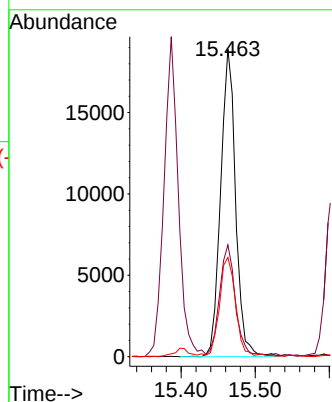
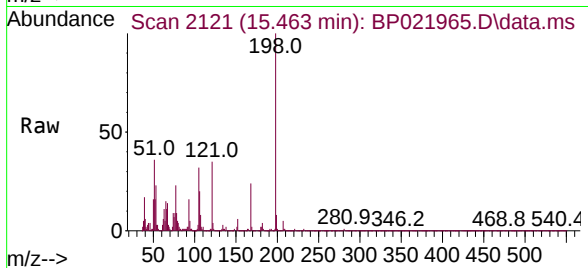
#65
4,6-Dinitro-2-methylphenol
Concen: 9.028 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.023 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:198 Resp: 26510
Ion Ratio Lower Upper
198 100
51 36.3 20.7 60.7
105 32.2 18.4 58.4

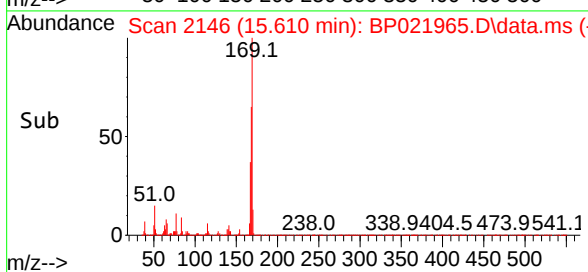
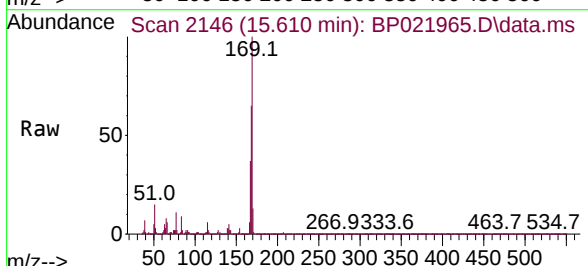
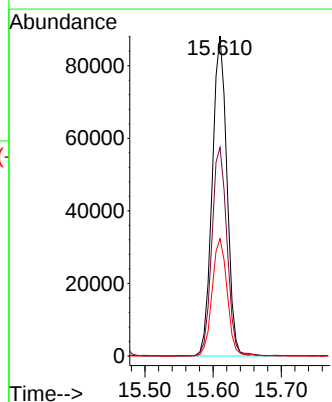
Manual Integrations
APPROVED

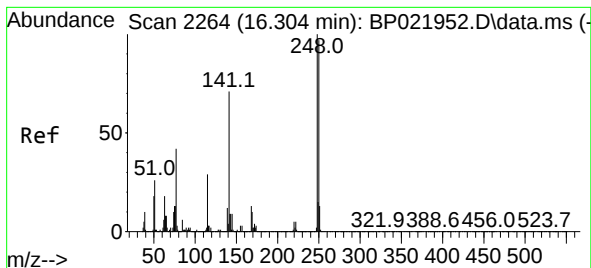
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 10.483 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

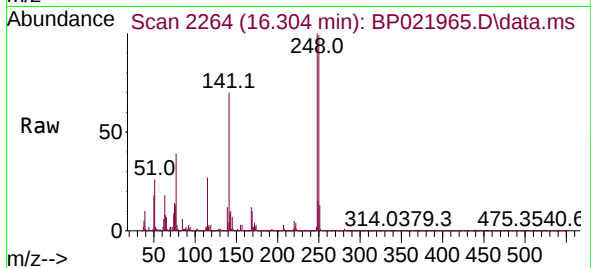
Tgt Ion:169 Resp: 132271
Ion Ratio Lower Upper
169 100
168 65.1 52.2 78.4
167 36.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 10.168 ng
RT: 16.304 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

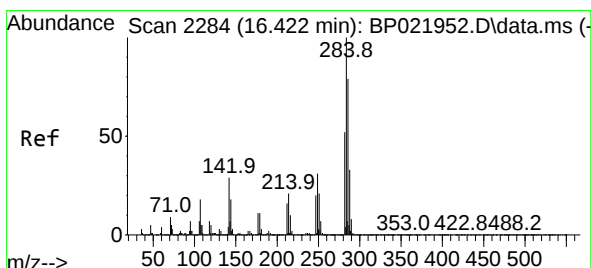
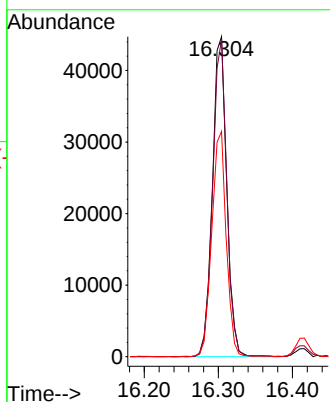
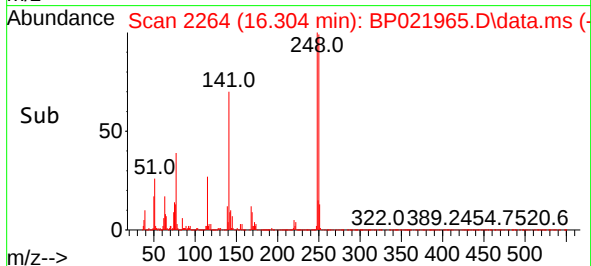
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:248 Resp: 60062
Ion Ratio Lower Upper
248 100
250 99.1 77.5 116.3
141 70.4 56.5 84.7

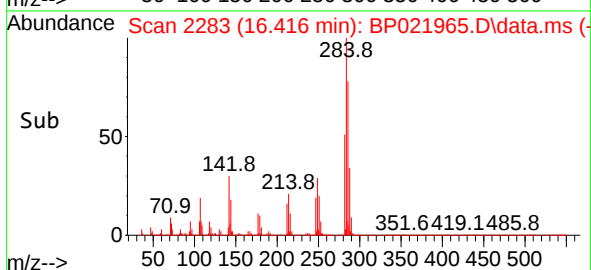
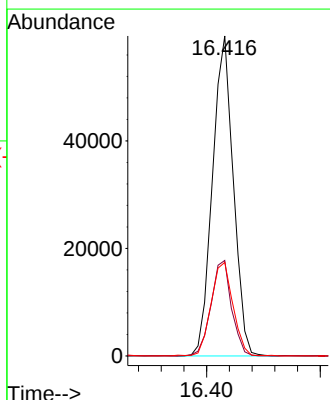
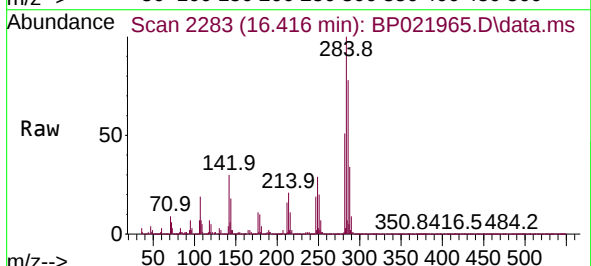
Manual Integrations
APPROVED

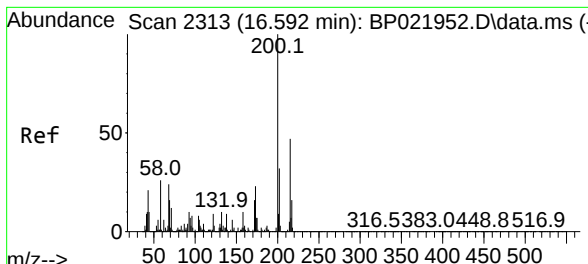
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#68
Hexachlorobenzene
Concen: 10.304 ng
RT: 16.416 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:284 Resp: 75887
Ion Ratio Lower Upper
284 100
142 29.8 22.9 34.3
249 29.2 25.2 37.8





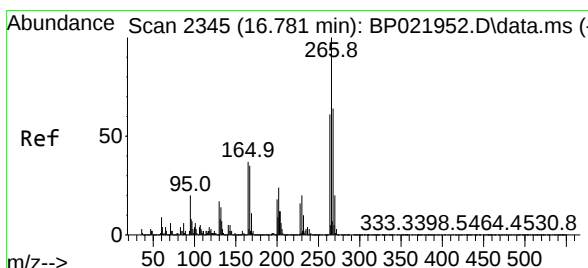
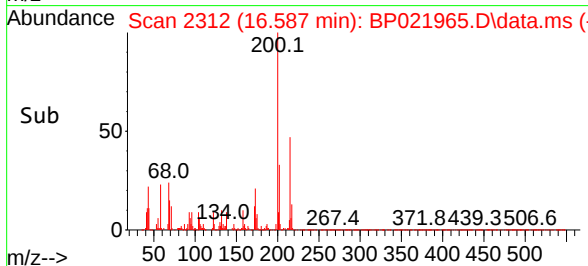
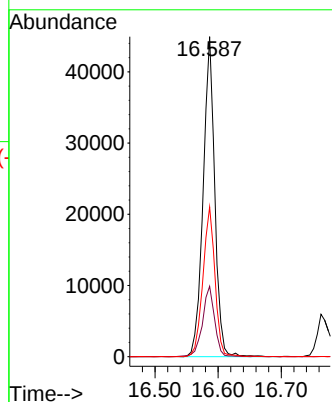
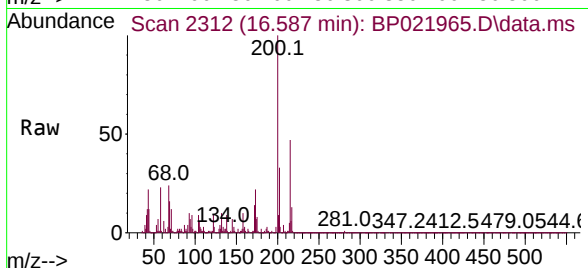
#69
 Atrazine
 Concen: 12.692 ng
 RT: 16.587 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BP021965.D
 Acq: 20 Sep 2024 13:11

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Tgt Ion:200 Resp: 57370
 Ion Ratio Lower Upper
 200 100
 173 22.0 3.0 43.0
 215 46.8 27.4 67.4

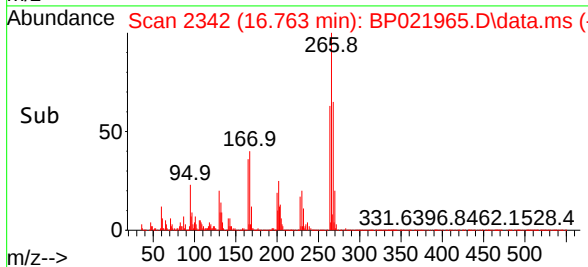
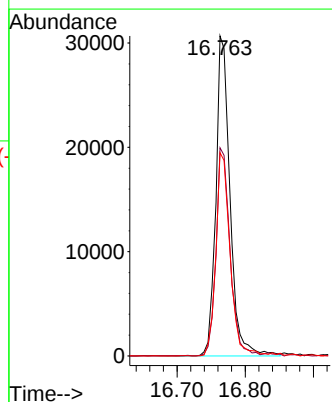
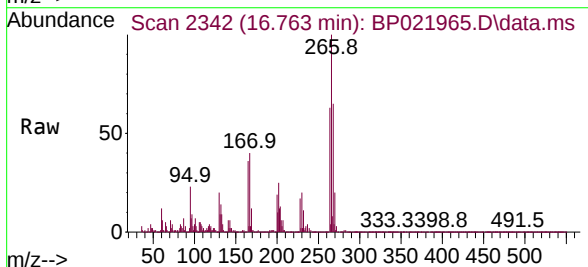
Manual Integrations
 APPROVED

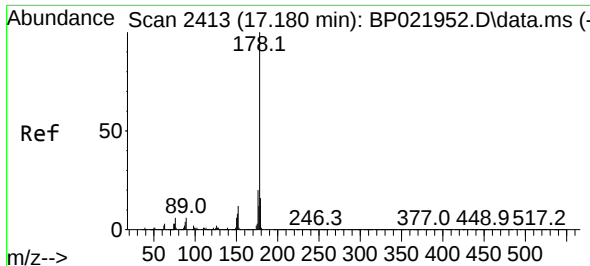
Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#70
 Pentachlorophenol
 Concen: 8.952 ng
 RT: 16.763 min Scan# 2342
 Delta R.T. -0.018 min
 Lab File: BP021965.D
 Acq: 20 Sep 2024 13:11

Tgt Ion:266 Resp: 44357
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.5 48.6 72.8





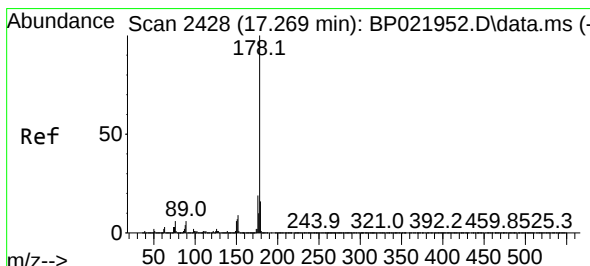
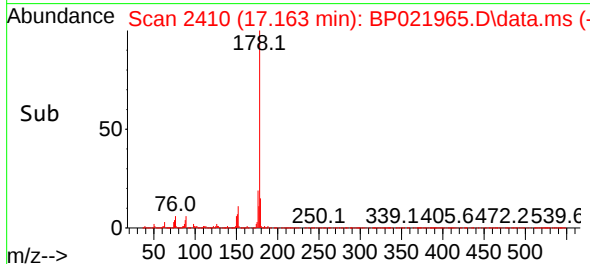
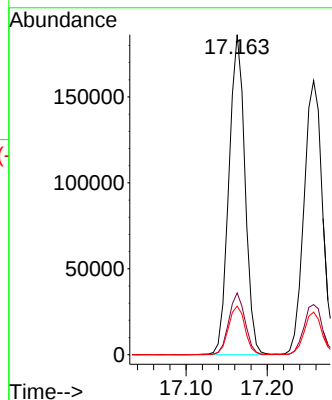
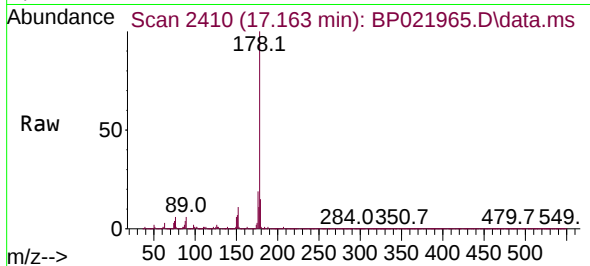
#71
Phenanthrene
Concen: 10.540 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:178 Resp: 256398
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.1 12.5 18.7

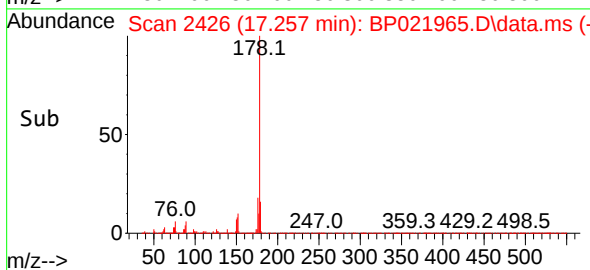
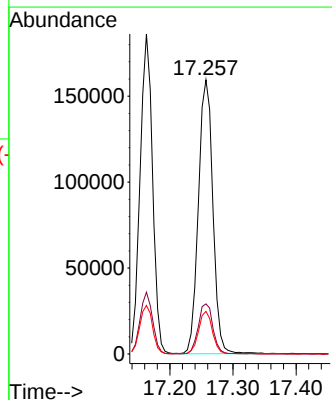
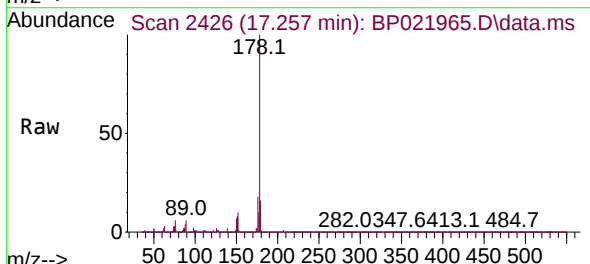
Manual Integrations
APPROVED

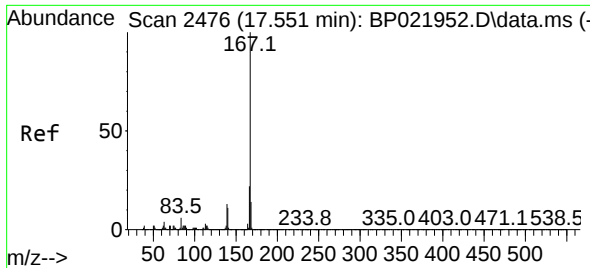
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 10.764 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:178 Resp: 253454
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.5 12.6 18.8





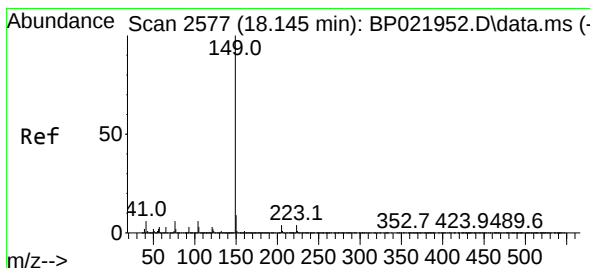
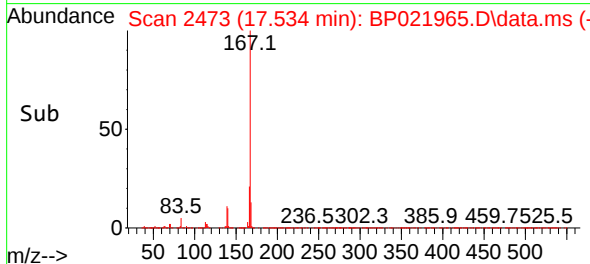
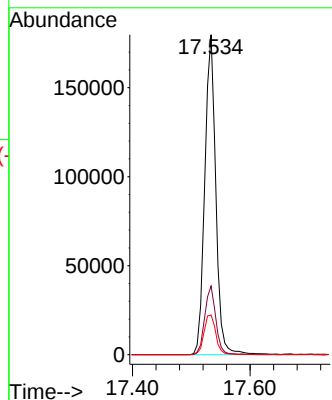
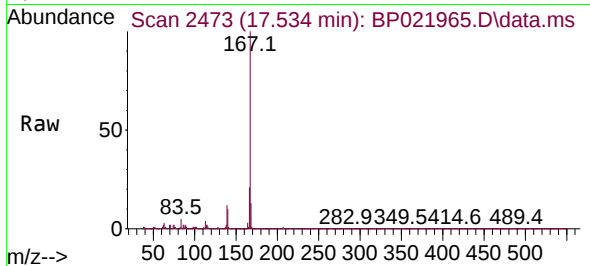
#73
Carbazole
Concen: 10.318 ng
RT: 17.534 min Scan# 2476
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:167 Resp: 234652
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.4 10.5 15.7

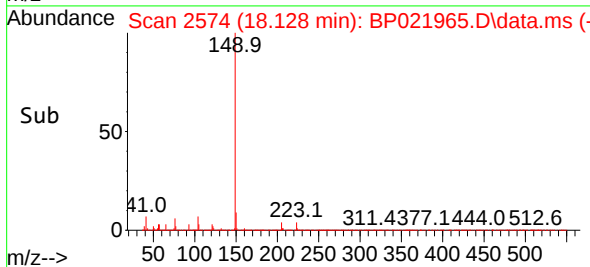
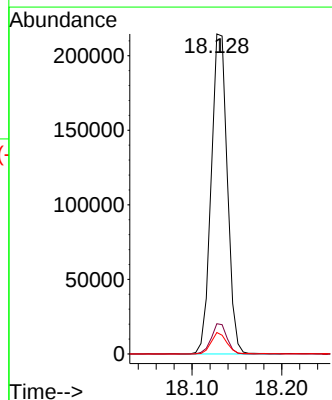
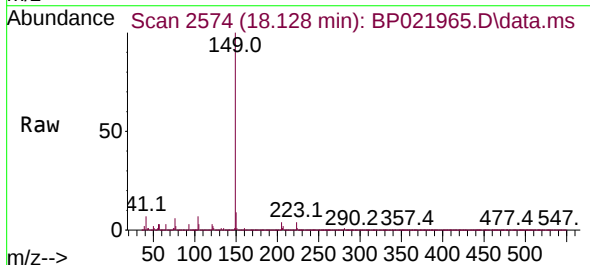
Manual Integrations
APPROVED

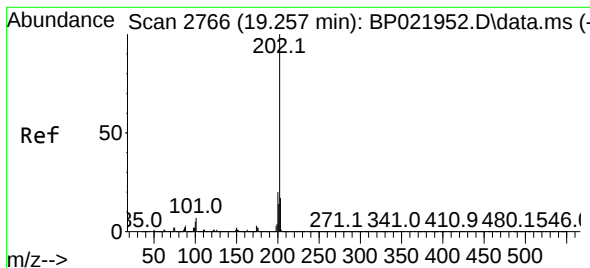
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#74
Di-n-butylphthalate
Concen: 10.017 ng
RT: 18.128 min Scan# 2574
Delta R.T. -0.018 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:149 Resp: 267565
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 6.7 4.6 6.8





#75

Fluoranthene

Concen: 10.192 ng

RT: 19.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

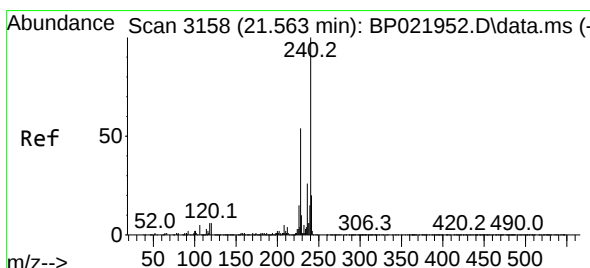
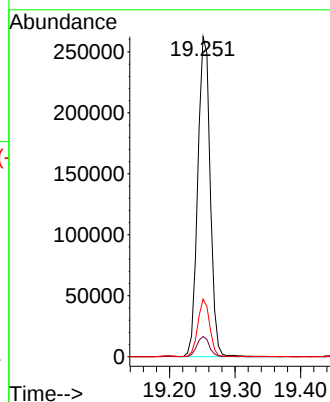
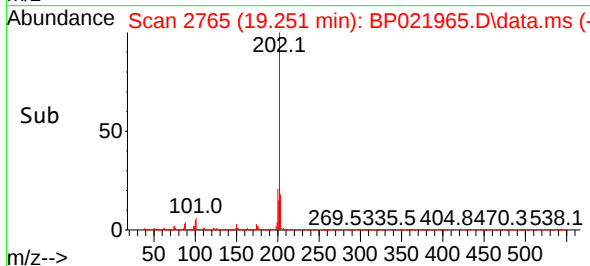
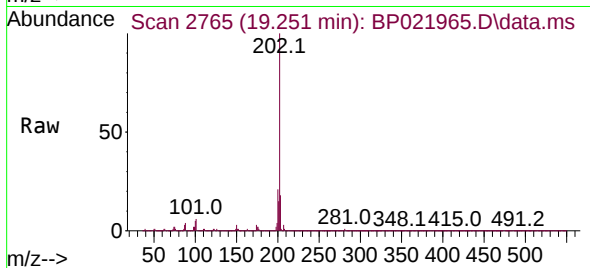
LOQ-SOIL-02-QT2-2024

Tgt Ion:	202	Resp:	346062
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.5
203	18.0	0.0	37.3

Manual Integrations

APPROVED

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



#76

Chrysene-d12

Concen: 20.000 ng

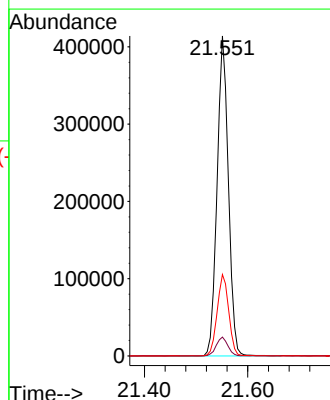
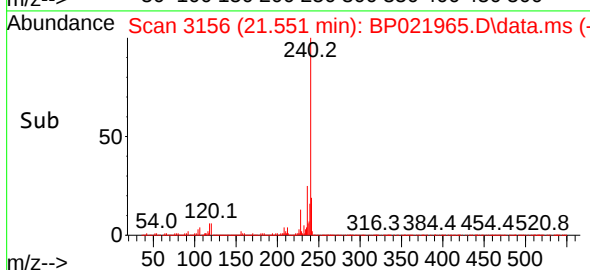
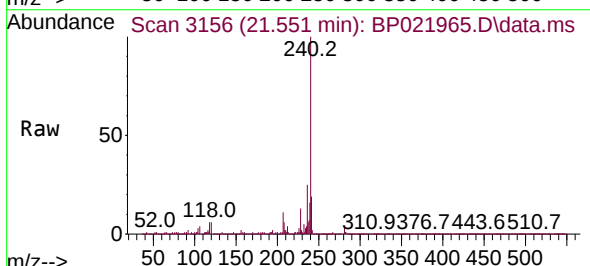
RT: 21.551 min Scan# 3156

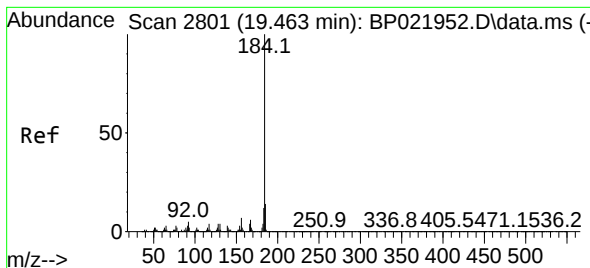
Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	240	Resp:	625794
Ion Ratio	Lower	Upper	
240	100		
120	5.9	5.1	7.7
236	25.4	20.7	31.1





#77

Benzidine

Concen: 21.194 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

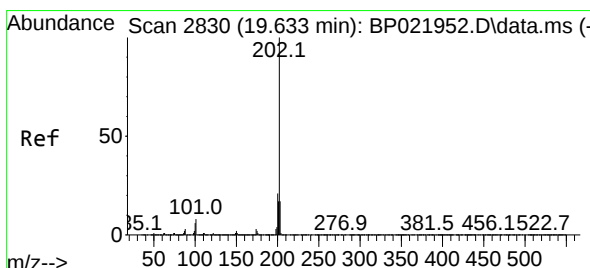
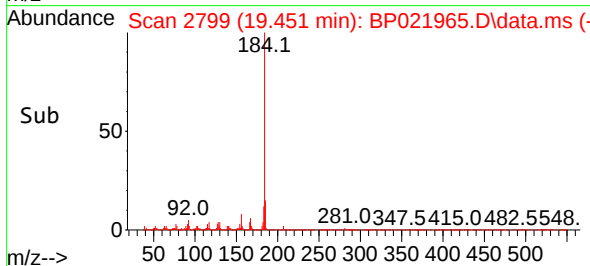
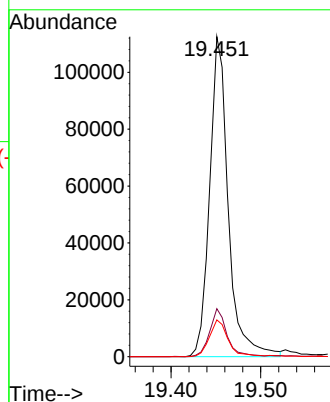
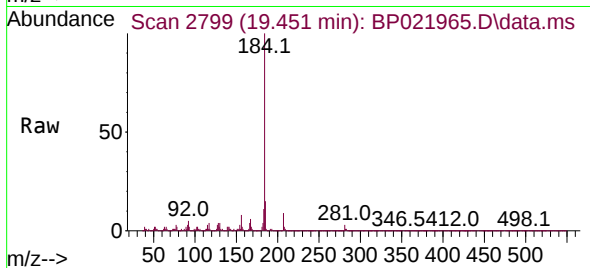
LOQ-SOIL-02-QT2-2024

Tgt Ion:184 Resp: 16208
 Ion Ratio Lower Upper
 184 100
 185 15.0 10.9 16.3
 183 11.5 9.2 13.8

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 9.542 ng

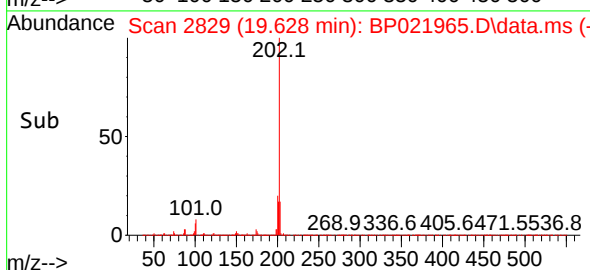
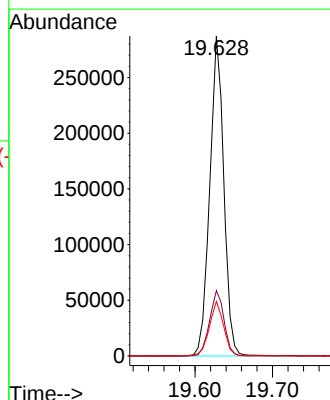
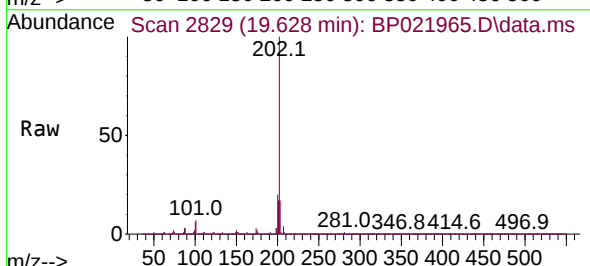
RT: 19.628 min Scan# 2829

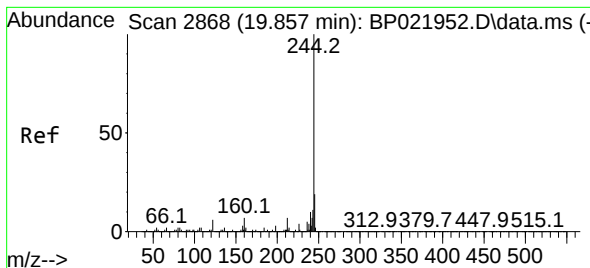
Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:202 Resp: 361240
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.8 25.2
 203 17.1 13.8 20.8





#79

Terphenyl-d14

Concen: 82.562 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:244 Resp: 2750440

Ion Ratio Lower Upper

244 100

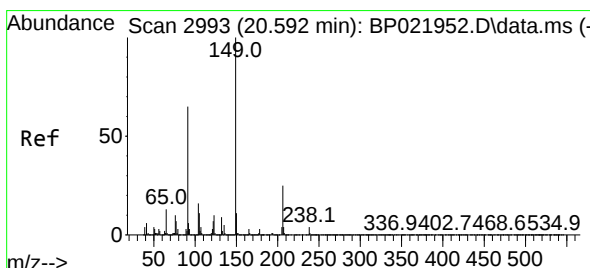
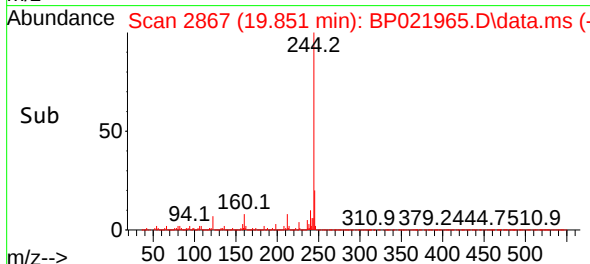
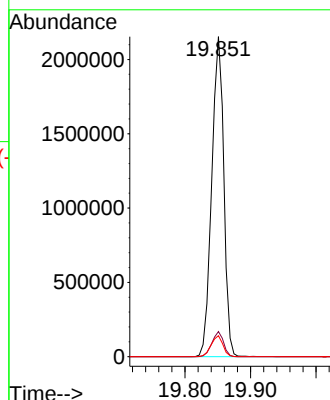
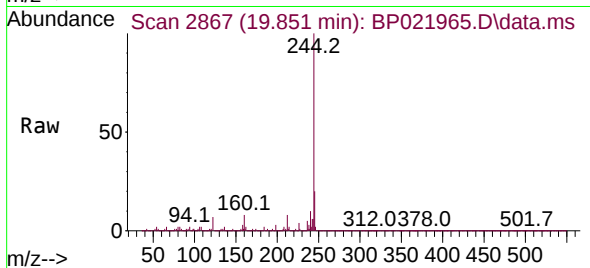
212 7.8 6.0 9.0

122 6.6 5.0 7.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 9.377 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

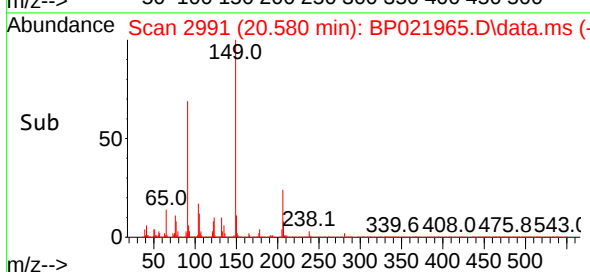
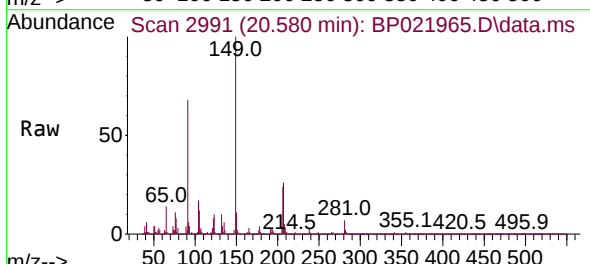
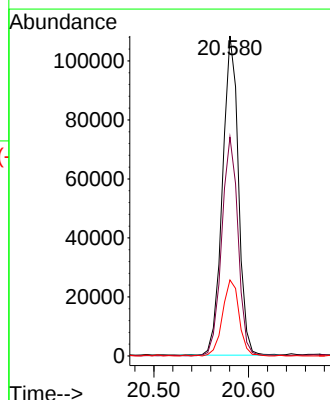
Tgt Ion:149 Resp: 126613

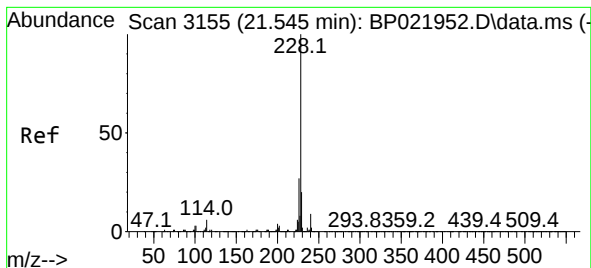
Ion Ratio Lower Upper

149 100

91 68.4 51.9 77.9

206 23.8 20.1 30.1





#81

Benzo(a)anthracene

Concen: 10.686 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

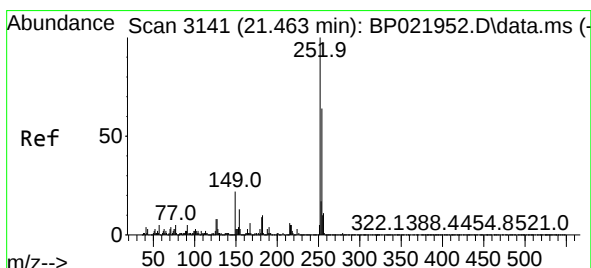
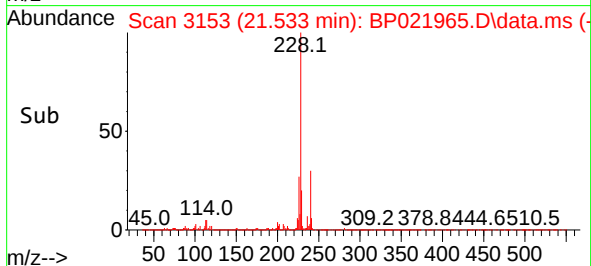
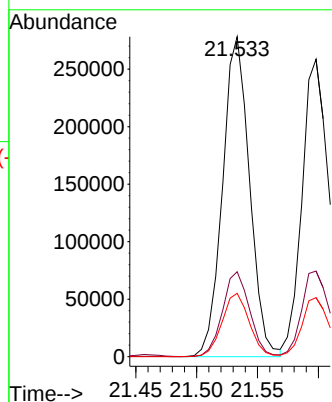
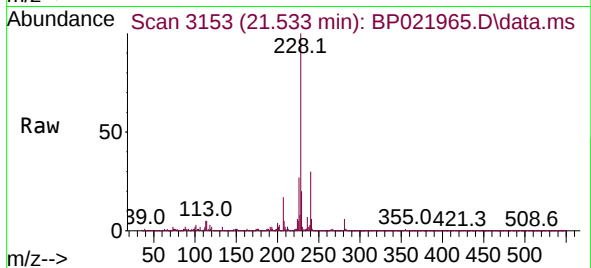
LOQ-SOIL-02-QT2-2024

Tgt Ion:	228	Resp:	42971
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.5	32.3
229	19.8	15.7	23.5

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 10.249 ng

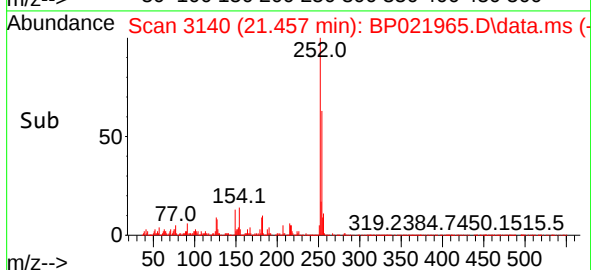
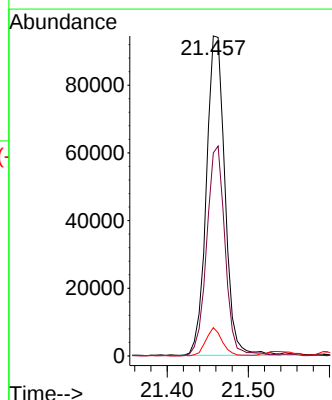
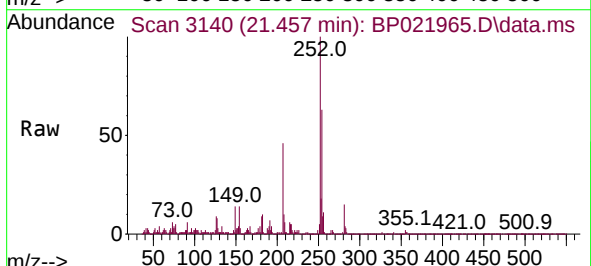
RT: 21.457 min Scan# 3140

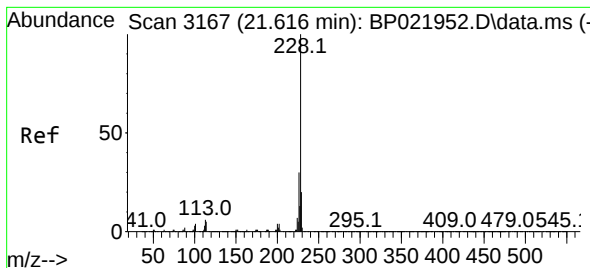
Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	252	Resp:	149528
Ion Ratio	Lower	Upper	
252	100		
254	63.5	51.4	77.2
126	8.9	6.2	9.4





#83

Chrysene

Concen: 10.615 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

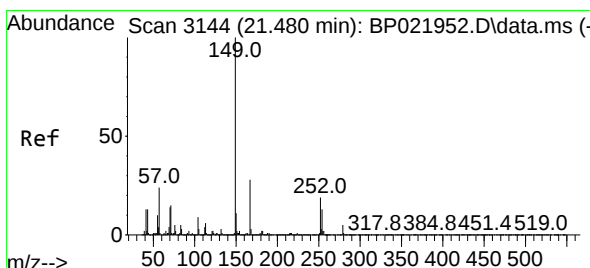
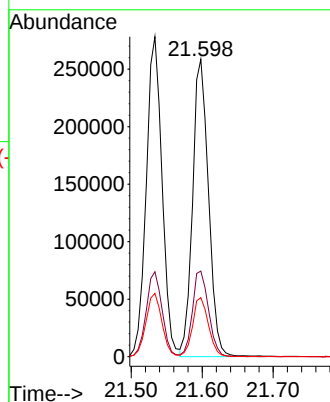
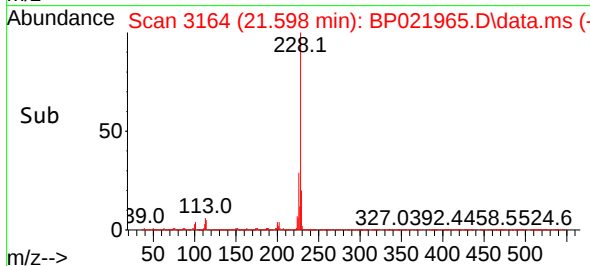
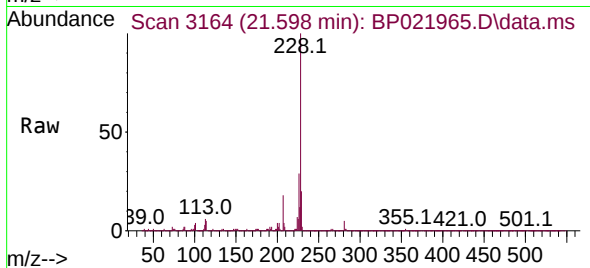
LOQ-SOIL-02-QT2-2024

Tgt Ion:	228	Resp:	401898
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.2	36.4
229	19.8	15.7	23.5

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.666 ng

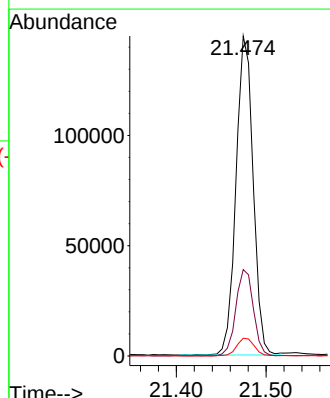
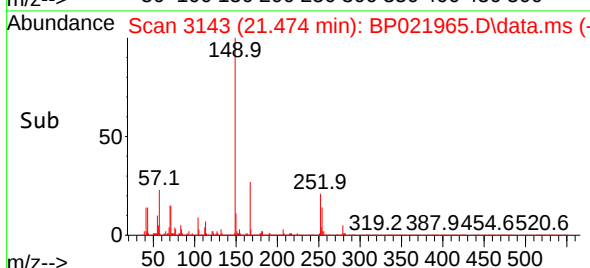
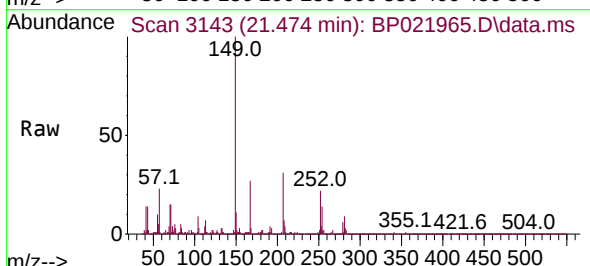
RT: 21.474 min Scan# 3143

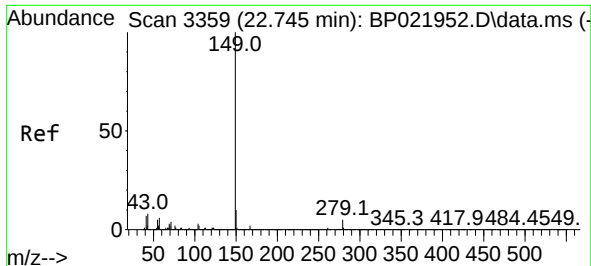
Delta R.T. -0.006 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	149	Resp:	191558
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.3	33.5
279	5.5	4.2	6.2





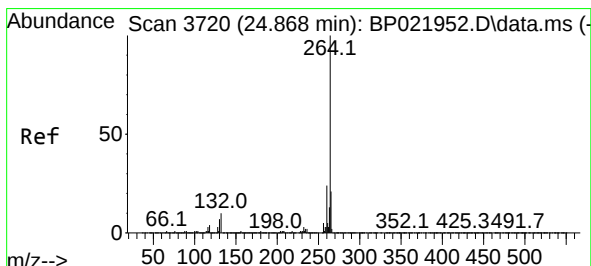
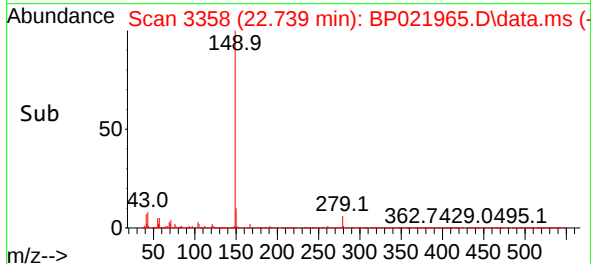
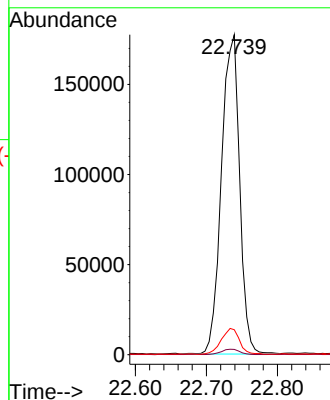
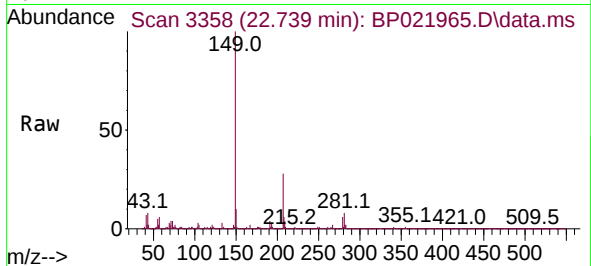
#85
Di-n-octyl phthalate
Concen: 9.332 ng
RT: 22.739 min Scan# 314098
Delta R.T. -0.006 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:149 Resp: 314098
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.0 6.2 9.4

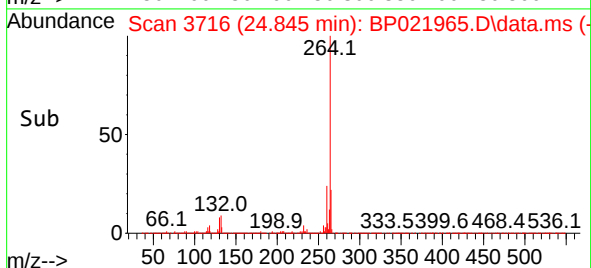
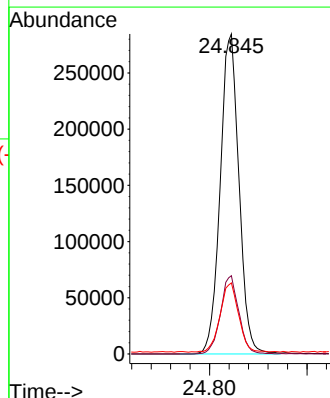
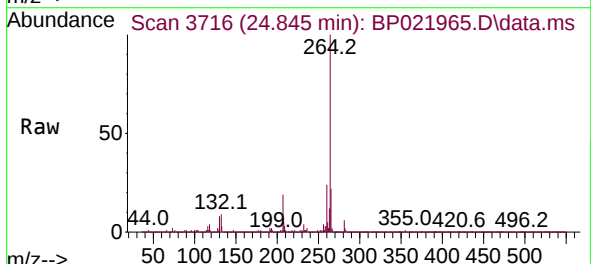
Manual Integrations
APPROVED

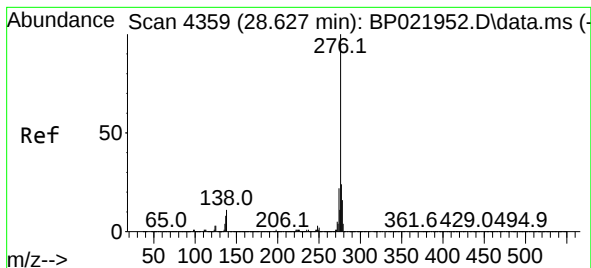
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3716
Delta R.T. -0.023 min
Lab File: BP021965.D
Acq: 20 Sep 2024 13:11

Tgt Ion:264 Resp: 761910
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.572 ng

RT: 28.568 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

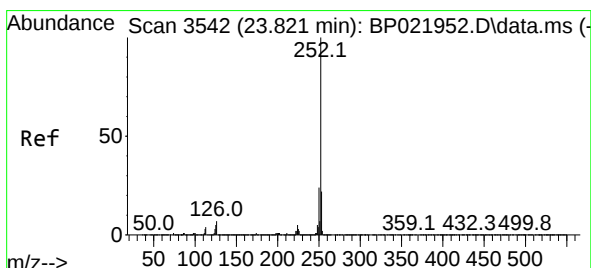
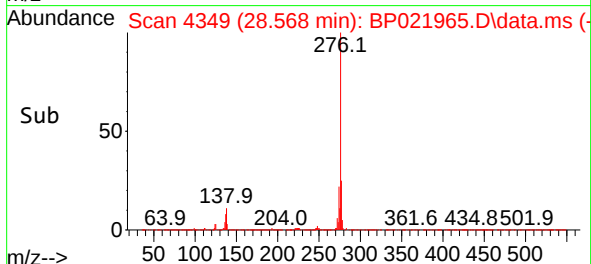
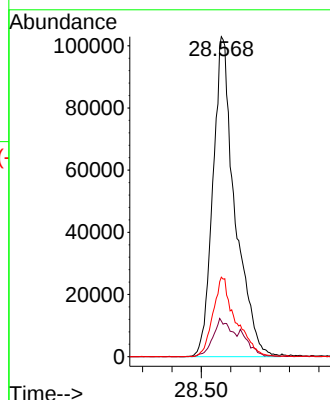
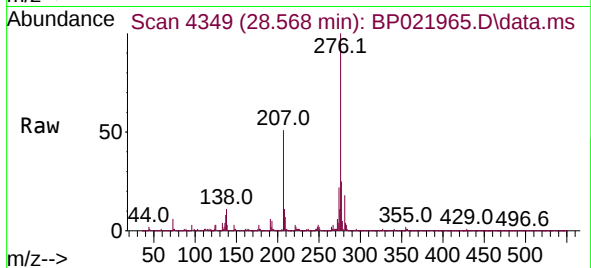
LOQ-SOIL-02-QT2-2024

Tgt Ion:	276	Resp:	53572
Ion Ratio	Lower	Upper	
276	100		
138	10.1	7.8	11.8
277	25.6	20.5	30.7

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 9.815 ng m

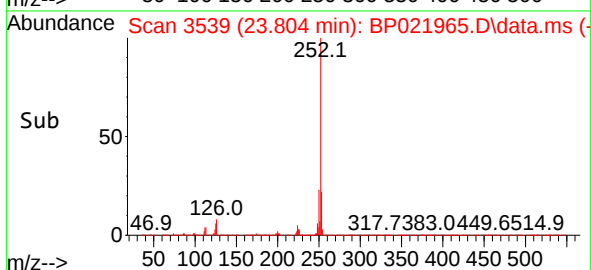
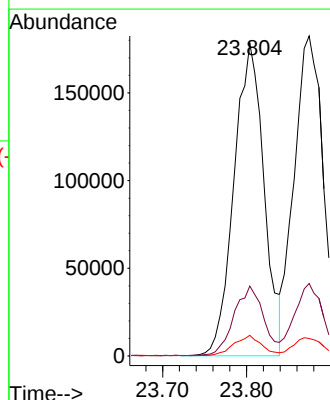
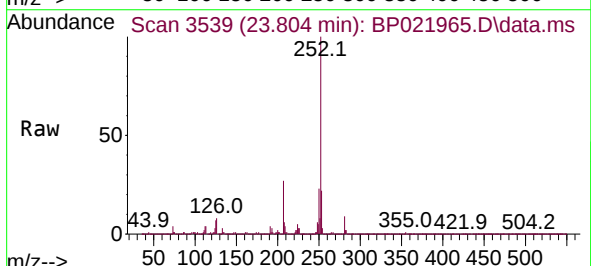
RT: 23.804 min Scan# 3539

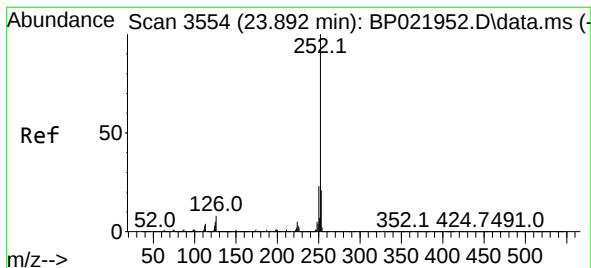
Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	252	Resp:	442256
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	6.6	4.2	6.2





#89

Benzo(k)fluoranthene

Concen: 10.407 ng

RT: 23.874 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

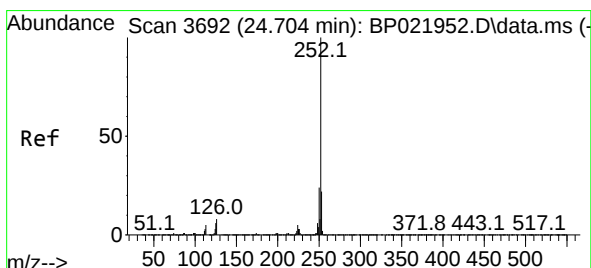
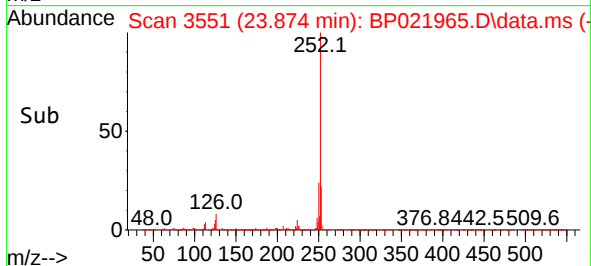
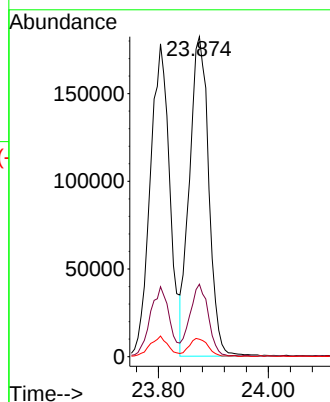
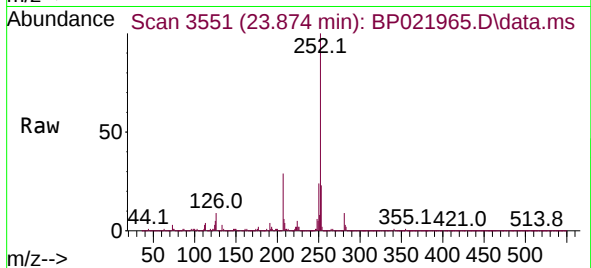
LOQ-SOIL-02-QT2-2024

Tgt Ion:	252	Resp:	44376
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	5.5	4.3	6.5

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 10.534 ng

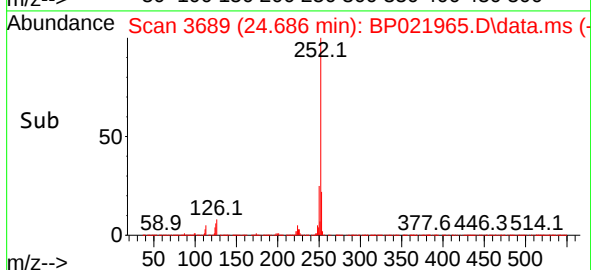
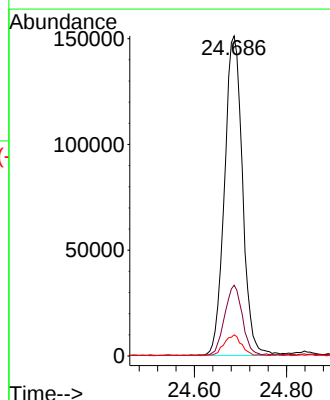
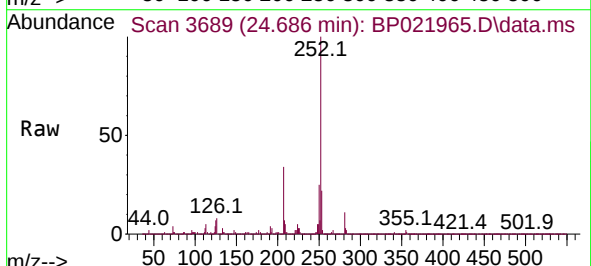
RT: 24.686 min Scan# 3689

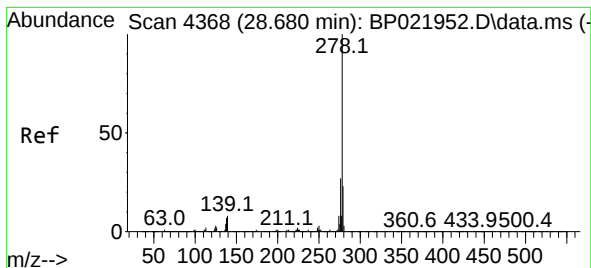
Delta R.T. -0.018 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	252	Resp:	408906
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	6.6	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 10.447 ng

RT: 28.633 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Instrument :

BNA_P

ClientSampleId :

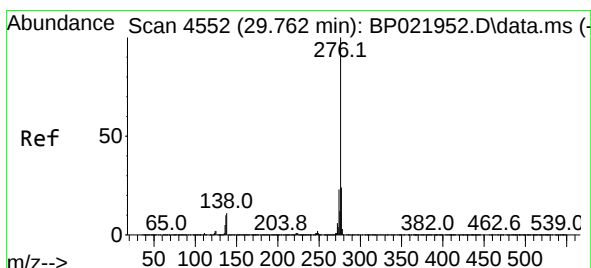
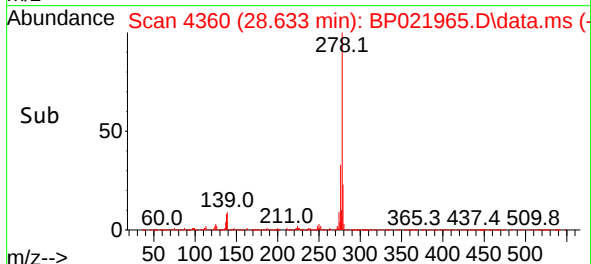
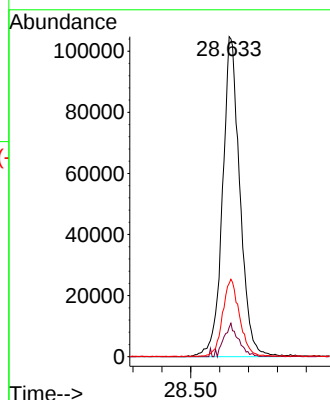
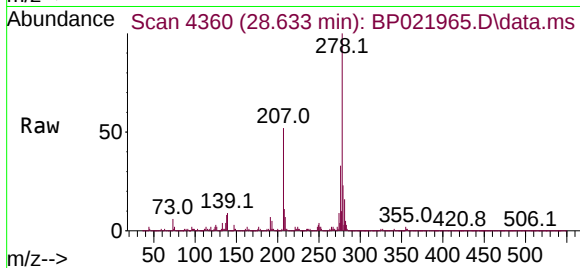
LOQ-SOIL-02-QT2-2024

Tgt Ion:	278	Resp:	436928
Ion Ratio	Lower	Upper	
278	100		
139	9.1	6.6	10.0
279	22.9	18.8	28.2

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 9.699 ng

RT: 29.733 min Scan# 4547

Delta R.T. -0.029 min

Lab File: BP021965.D

Acq: 20 Sep 2024 13:11

Tgt Ion:	276	Resp:	415496
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.3	28.9
138	11.8	9.2	13.8

