

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022931.D
 Acq On : 08 Nov 2024 12:47
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 08 13:36:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 23:36:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	53693	20.000	ng	-0.04
21) Naphthalene-d8	10.322	136	206593	20.000	ng	-0.02
39) Acenaphthene-d10	14.210	164	171694	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	434135	20.000	ng	0.00
76) Chrysene-d12	21.463	240	532168	20.000	ng	0.00
86) Perylene-d12	24.721	264	645571	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	295223	104.346	ng	-0.04
7) Phenol-d6	6.758	99	403470	102.258	ng	-0.04
23) Nitrobenzene-d5	8.705	82	318819	72.908	ng	-0.04
42) 2,4,6-Tribromophenol	15.728	330	338422	101.690	ng	-0.02
45) 2-Fluorobiphenyl	12.804	172	855853	71.225	ng	-0.01
79) Terphenyl-d14	19.763	244	1882867	66.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	11228	9.940	ng	96
3) Pyridine	3.564	79	24594	7.930	ng	# 85
4) n-Nitrosodimethylamine	3.470	42	13871	9.278	ng	# 83
6) Aniline	6.905	93	37264	11.329	ng	99
8) 2-Chlorophenol	7.140	128	27111	9.142	ng	99
9) Benzaldehyde	6.728	77	26909m	11.800	ng	
10) Phenol	6.781	94	34982	8.952	ng	84
11) bis(2-Chloroethyl)ether	6.993	93	26314	8.913	ng	93
12) 1,3-Dichlorobenzene	7.452	146	33803	8.932	ng	97
13) 1,4-Dichlorobenzene	7.593	146	34380	8.896	ng	98
14) 1,2-Dichlorobenzene	7.905	146	32993	8.830	ng	97
15) Benzyl Alcohol	7.816	79	22167	7.417	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.063	45	30092	9.395	ng	98
17) 2-Methylphenol	8.011	107	22214	8.375	ng	96
18) Hexachloroethane	8.616	117	12136	8.488	ng	98
19) n-Nitroso-di-n-propyla...	8.352	70	23914	8.855	ng	98
20) 3+4-Methylphenols	8.340	107	30524	8.234	ng	92
22) Acetophenone	8.375	105	49334	8.971	ng	98
24) Nitrobenzene	8.740	77	39061	8.794	ng	96
25) Isophorone	9.269	82	63559	8.588	ng	98
26) 2-Nitrophenol	9.457	139	14203	7.786	ng	96
27) 2,4-Dimethylphenol	9.528	122	15106	7.253	ng	95
28) bis(2-Chloroethoxy)met...	9.740	93	35938	8.549	ng	93
29) 2,4-Dichlorophenol	10.010	162	29519	8.188	ng	98
30) 1,2,4-Trichlorobenzene	10.187	180	37740	8.188	ng	93
31) Naphthalene	10.369	128	86997	8.404	ng	99
32) Benzoic acid	9.646	122	29547m	11.814	ng	
33) 4-Chloroaniline	10.499	127	32698	8.875	ng	97
34) Hexachlorobutadiene	10.646	225	27393	8.103	ng	98
35) Caprolactam	11.281	113	8591m	7.960	ng	
36) 4-Chloro-3-methylphenol	11.640	107	32360	8.050	ng	95
37) 2-Methylnaphthalene	11.993	142	66040	8.518	ng	98
38) 1-Methylnaphthalene	12.210	142	60457	7.857	ng	99
40) 1,2,4,5-Tetrachloroben...	12.375	216	49530	8.521	ng	100
41) Hexachlorocyclopentadiene	12.346	237	11052	6.770	ng	89
43) 2,4,6-Trichlorophenol	12.628	196	28878	7.812	ng	94

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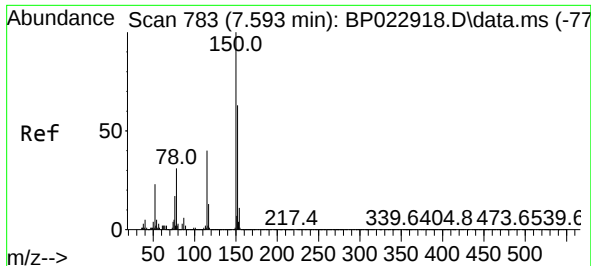
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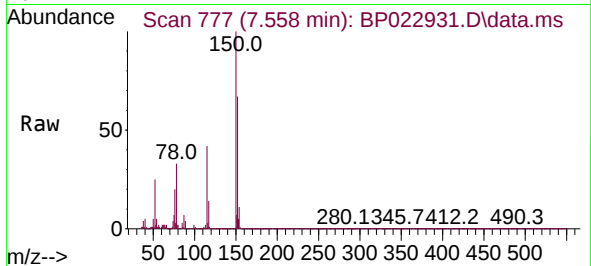
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.716	196	32109	7.630	ng	94
46) 1,1'-Biphenyl	13.028	154	99155	8.688	ng	98
47) 2-Chloronaphthalene	13.069	162	77032	8.133	ng	99
48) 2-Nitroaniline	13.287	65	20188	7.316	ng	88
49) Acenaphthylene	13.928	152	119642	9.045	ng	96
50) Dimethylphthalate	13.651	163	105110	8.361	ng	99
51) 2,6-Dinitrotoluene	13.798	165	21121	7.389	ng	92
52) Acenaphthene	14.275	154	70301	8.265	ng	96
53) 3-Nitroaniline	14.145	138	17979	7.742	ng	96
54) 2,4-Dinitrophenol	14.369	184	11049	6.229	ng	90
55) Dibenzofuran	14.622	168	128542	8.605	ng	99
56) 4-Nitrophenol	14.516	139	12342	6.462	ng	# 91
57) 2,4-Dinitrotoluene	14.610	165	30024	7.266	ng	93
58) Fluorene	15.292	166	103469	8.337	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.875	232	33559	8.268	ng	99
60) Diethylphthalate	15.051	149	100955	8.075	ng	98
61) 4-Chlorophenyl-phenyle...	15.281	204	59949	8.196	ng	97
62) 4-Nitroaniline	15.328	138	17208	7.221	ng	96
63) Azobenzene	15.581	77	89528	8.328	ng	96
65) 4,6-Dinitro-2-methylph...	15.392	198	29090	11.014	ng	96
66) n-Nitrosodiphenylamine	15.498	169	89116	8.303	ng	98
67) 4-Bromophenyl-phenylether	16.187	248	42003	8.067	ng	96
68) Hexachlorobenzene	16.316	284	53894	8.081	ng	97
69) Atrazine	16.475	200	38209	10.562	ng	99
70) Pentachlorophenol	16.692	266	28380	6.663	ng	92
71) Phenanthrene	17.075	178	174585	8.310	ng	99
72) Anthracene	17.163	178	172769	8.568	ng	98
73) Carbazole	17.457	167	156361	8.119	ng	99
74) Di-n-butylphthalate	18.034	149	162103	7.553	ng	99
75) Fluoranthene	19.157	202	225894	7.751	ng	100
77) Benzidine	19.369	184	97679	9.290	ng	98
78) Pyrene	19.539	202	244416	7.759	ng	98
80) Butylbenzylphthalate	20.498	149	76432	7.116	ng	92
81) Benzo(a)anthracene	21.445	228	280796	8.479	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	105650	7.881	ng	96
83) Chrysene	21.516	228	262915	8.476	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	113440	7.360	ng	99
85) Di-n-octyl phthalate	22.616	149	198483	7.706	ng	99
87) Indeno(1,2,3-cd)pyrene	28.404	276	375584	8.626	ng	100
88) Benzo(b)fluoranthene	23.686	252	302850	7.985	ng	98
89) Benzo(k)fluoranthene	23.757	252	309378	8.639	ng	99
90) Benzo(a)pyrene	24.563	252	281554	8.676	ng	99
91) Dibenzo(a,h)anthracene	28.462	278	306096	8.572	ng	98
92) Benzo(g,h,i)perylene	29.509	276	287603m	7.861	ng	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 71
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

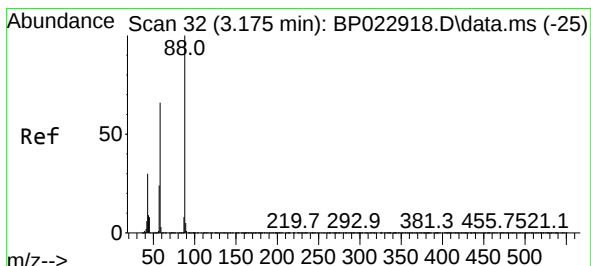
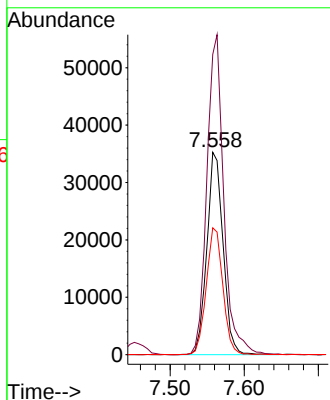
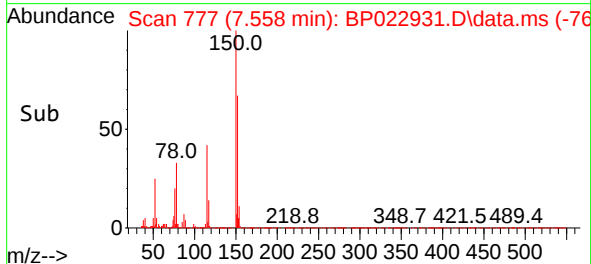
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 152 Resp: 5369
Ion Ratio Lower Upper
152 100
150 148.4 127.0 190.4
115 62.7 50.5 75.7

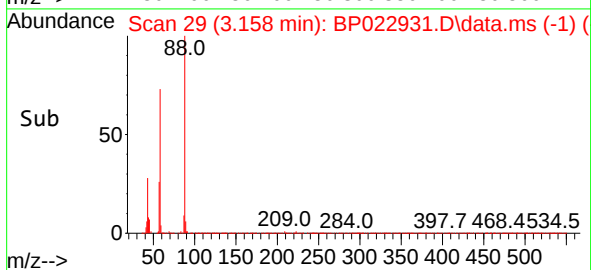
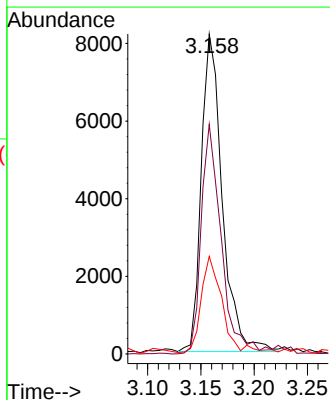
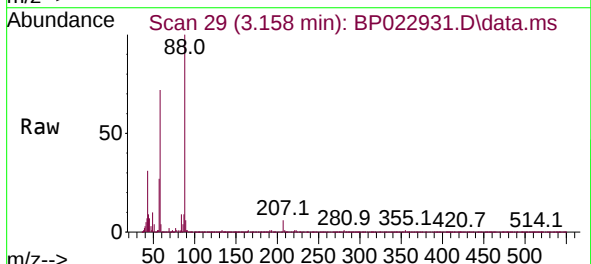
Manual Integrations
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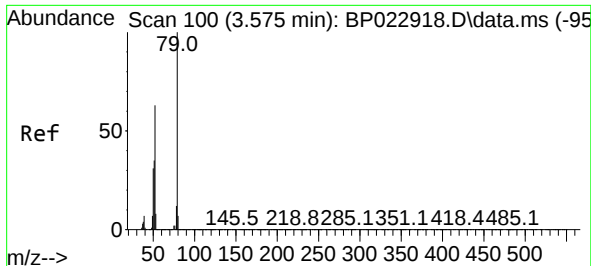
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#2
1,4-Dioxane
Concen: 9.940 ng
RT: 3.158 min Scan# 29
Delta R.T. -0.017 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion: 88 Resp: 11228
Ion Ratio Lower Upper
88 100
58 69.3 52.8 79.2
43 30.3 23.4 35.0





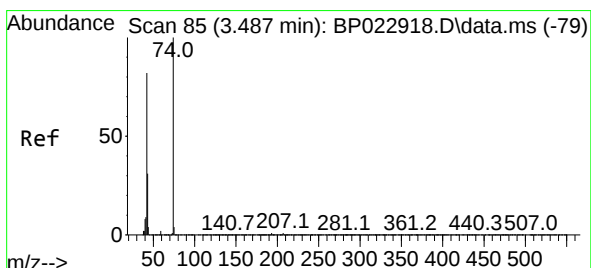
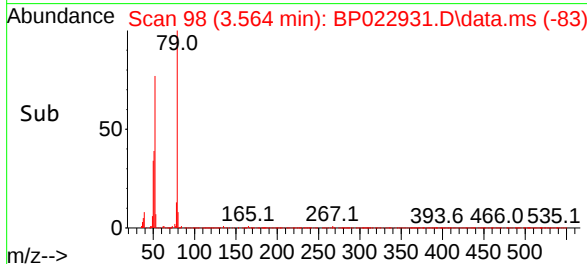
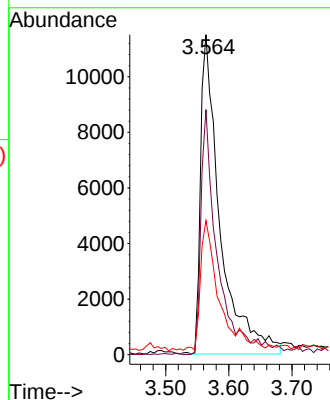
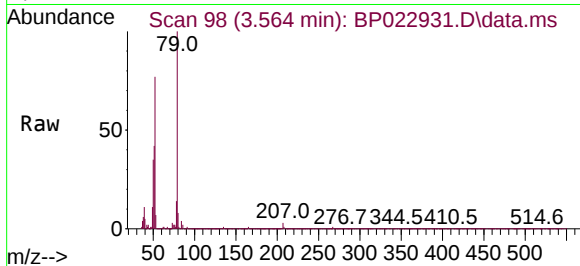
#3
Pyridine
Concen: 7.930 ng
RT: 3.564 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 79 Resp: 24594
Ion Ratio Lower Upper
79 100
52 76.6 50.4 75.6
51 41.9 28.6 43.0

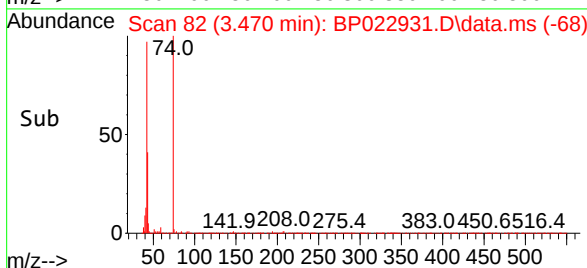
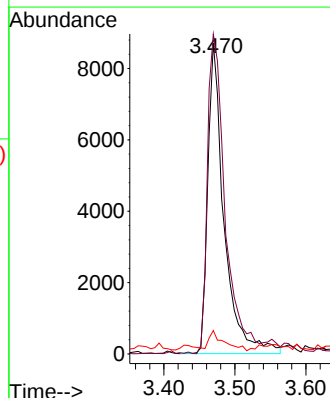
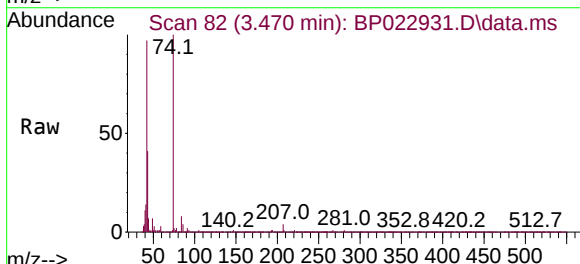
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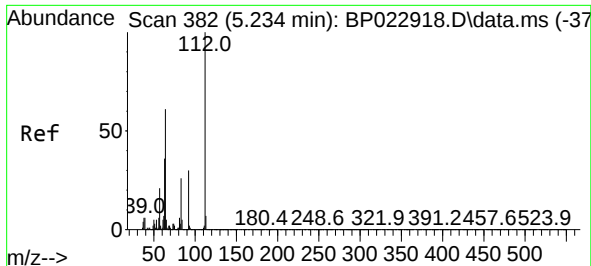
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Supervised By :mohammad ahmed 11/11/2024



#4
n-Nitrosodimethylamine
Concen: 9.278 ng
RT: 3.470 min Scan# 82
Delta R.T. -0.017 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion: 42 Resp: 13871
Ion Ratio Lower Upper
42 100
74 102.9 97.7 146.5
44 7.5 4.5 6.7





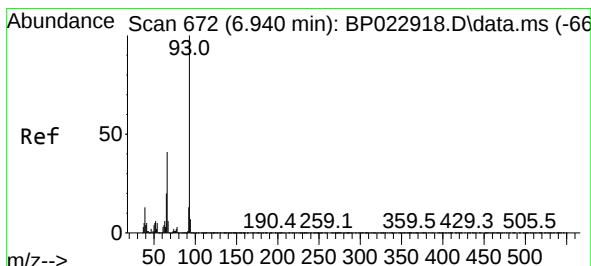
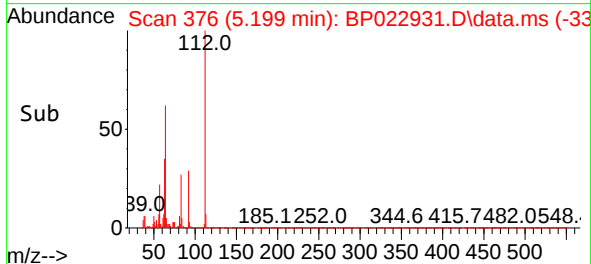
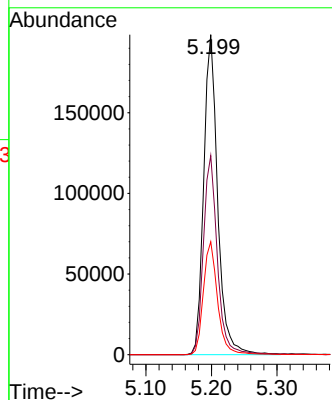
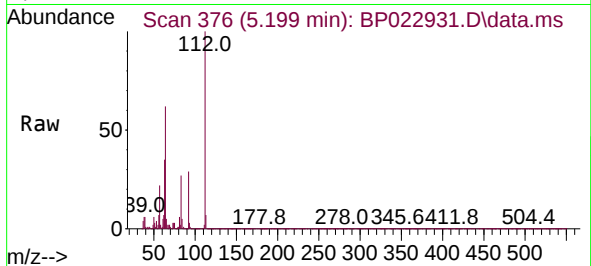
#5
2-Fluorophenol
Concen: 104.346 ng
RT: 5.199 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:112 Resp: 29522
Ion Ratio Lower Upper
112 100
64 62.2 48.7 73.1
63 35.3 29.0 43.4

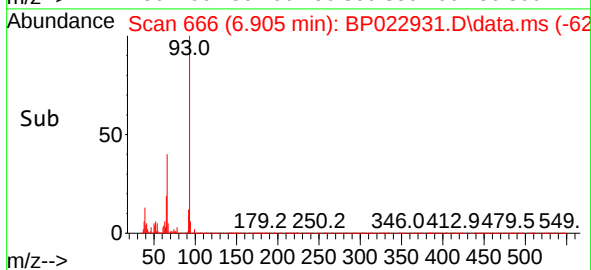
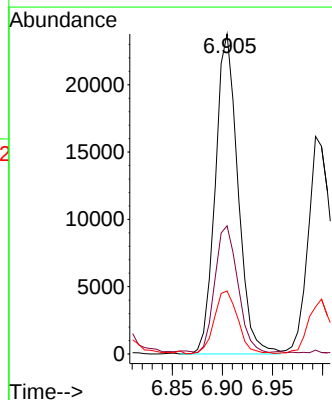
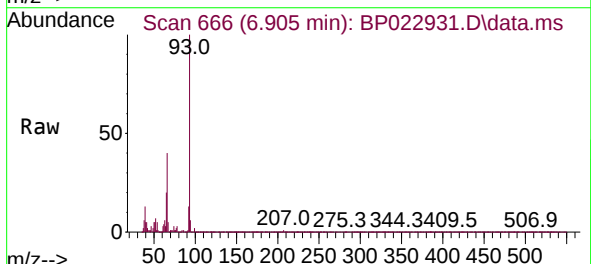
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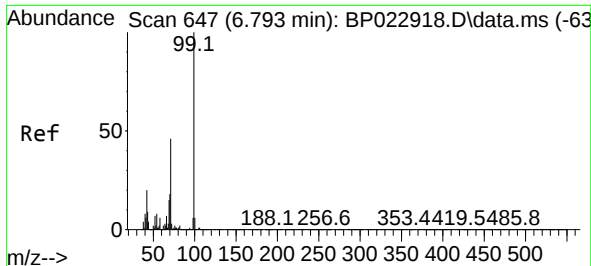
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#6
Aniline
Concen: 11.329 ng
RT: 6.905 min Scan# 666
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

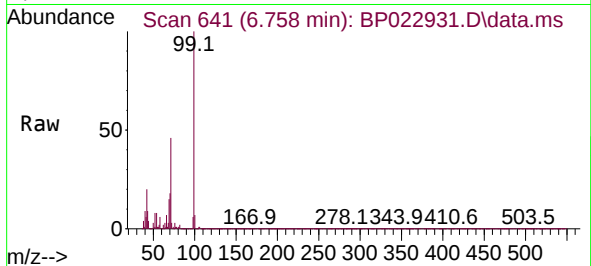
Tgt Ion: 93 Resp: 37264
Ion Ratio Lower Upper
93 100
66 40.0 32.9 49.3
65 19.7 16.0 24.0





#7
Phenol-d6
Concen: 102.258 ng
RT: 6.758 min Scan# 641
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

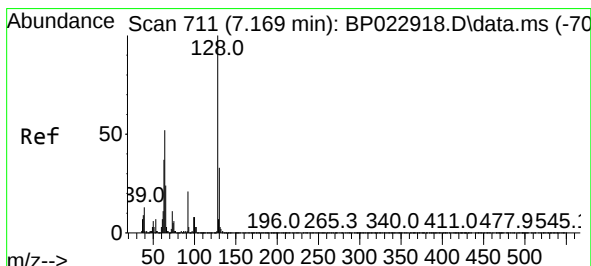
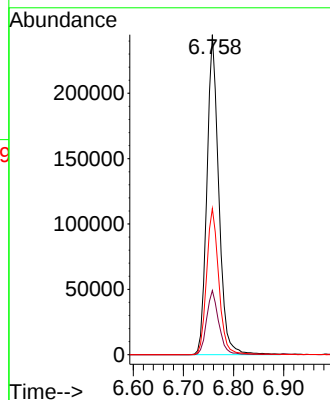
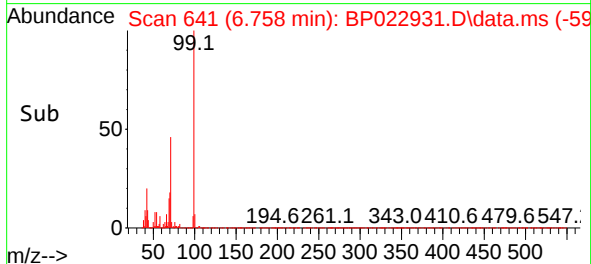
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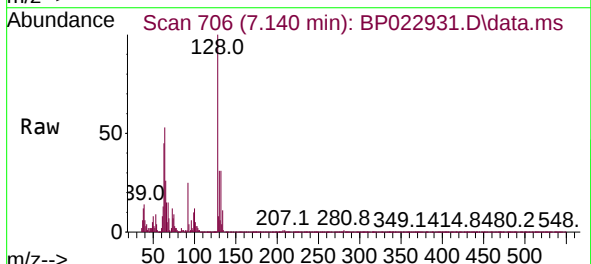
Tgt Ion: 99 Resp: 403470
Ion Ratio Lower Upper
99 100
42 20.0 15.8 23.6
71 45.6 36.6 55.0

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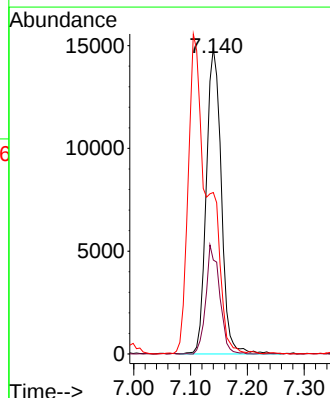
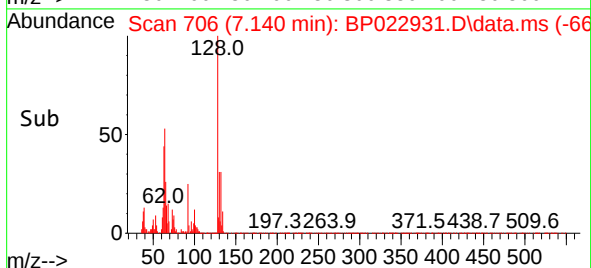
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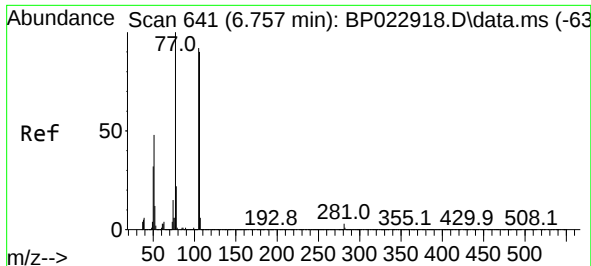


#8
2-Chlorophenol
Concen: 9.142 ng
RT: 7.140 min Scan# 706
Delta R.T. -0.029 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47



Tgt Ion:128 Resp: 27111
Ion Ratio Lower Upper
128 100
130 30.7 12.6 52.6
64 52.8 32.7 72.7





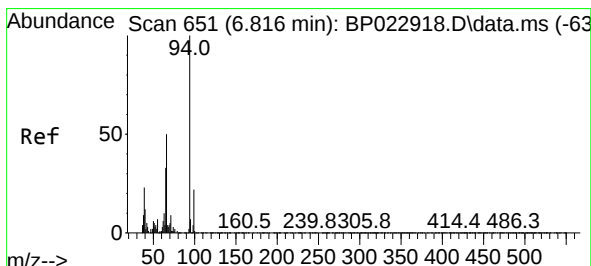
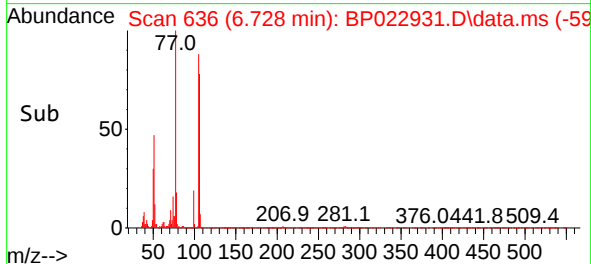
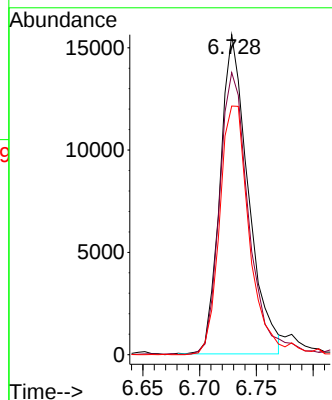
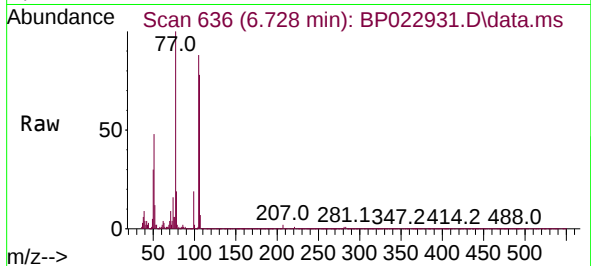
#9
Benzaldehyde
Concen: 11.800 ng m
RT: 6.728 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 77 Resp: 26909
Ion Ratio Lower Upper
77 100
105 88.2 71.4 111.4
106 77.7 69.9 109.9

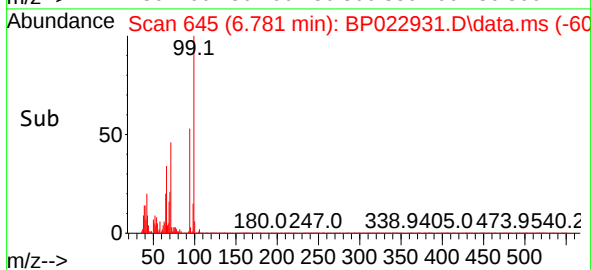
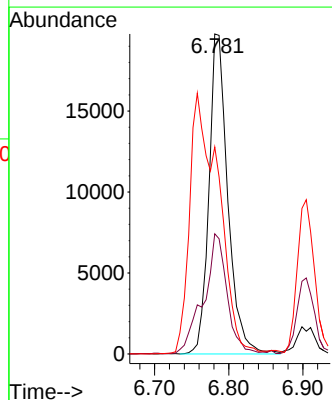
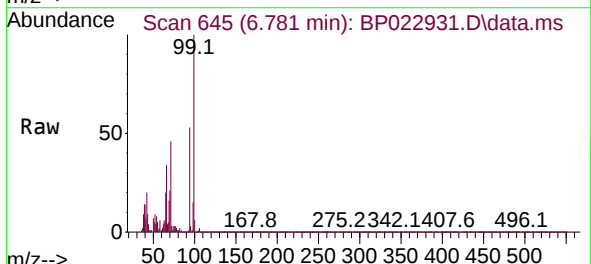
Manual Integrations
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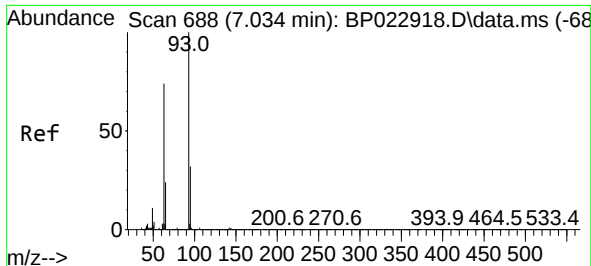
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Phenol
Concen: 8.952 ng
RT: 6.781 min Scan# 645
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion: 94 Resp: 34982
Ion Ratio Lower Upper
94 100
65 37.5 12.9 52.9
66 64.7 30.0 70.0





#11

bis(2-Chloroethyl)ether

Concen: 8.913 ng

RT: 6.993 min Scan# 688

Delta R.T. -0.041 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

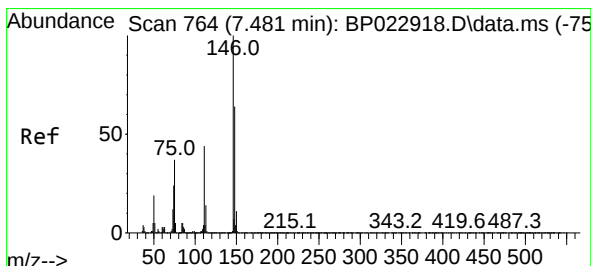
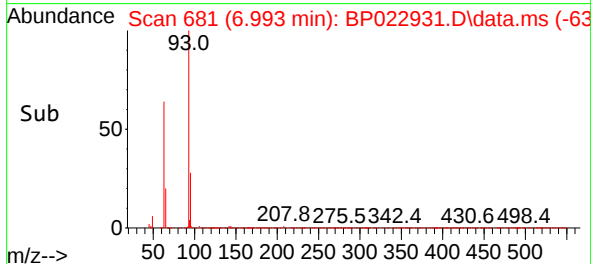
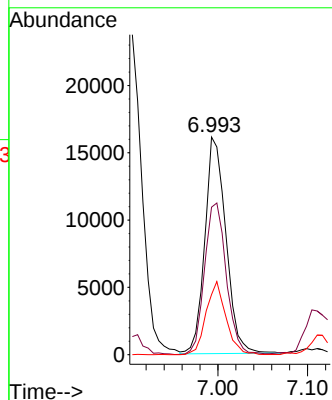
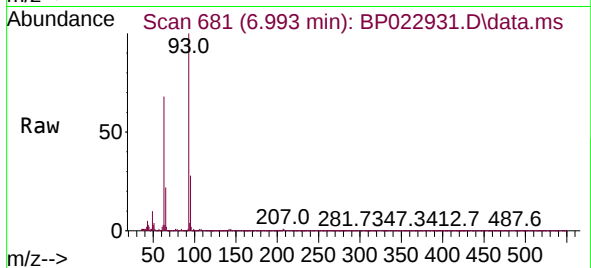
LOQ-SOIL-02-QT4-2024

Tgt Ion: 93	Resp: 26314
Ion Ratio	Lower Upper
93 100	
63 67.8	53.6 93.6
95 27.7	12.1 52.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#12

1,3-Dichlorobenzene

Concen: 8.932 ng

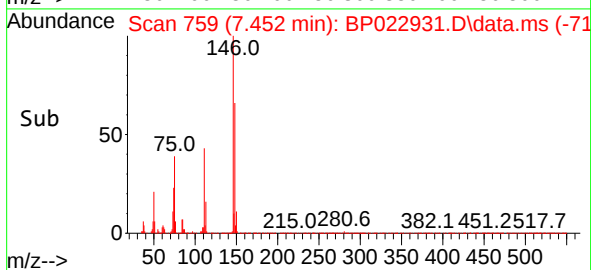
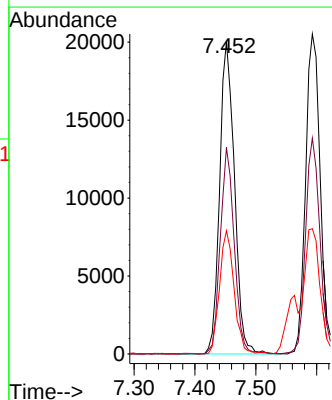
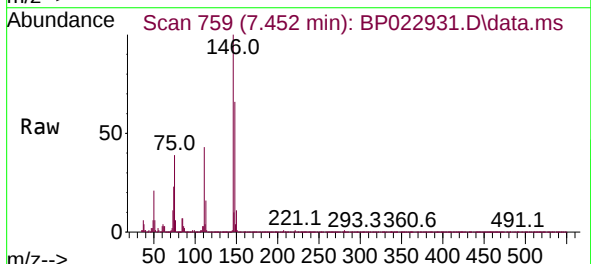
RT: 7.452 min Scan# 759

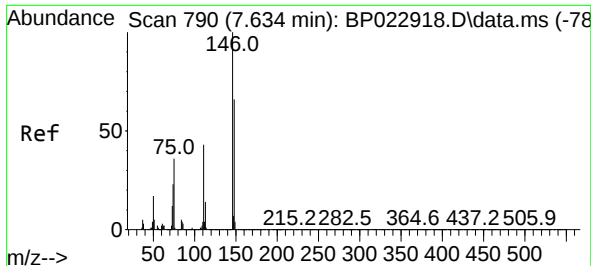
Delta R.T. -0.029 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:146	Resp: 33803
Ion Ratio	Lower Upper
146 100	
148 66.1	51.4 77.0
75 39.4	29.3 43.9





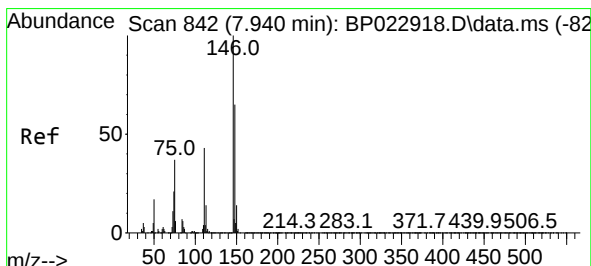
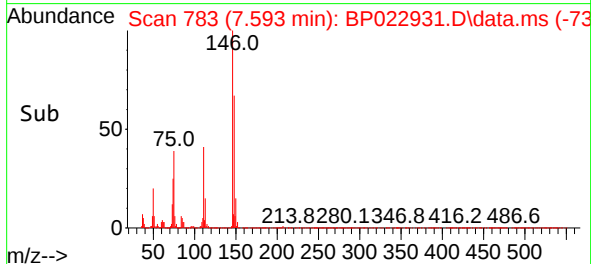
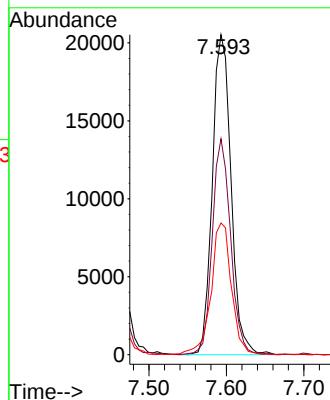
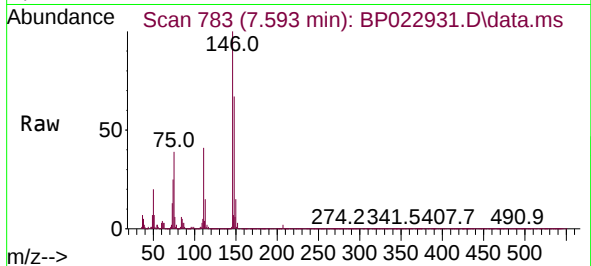
#13
1,4-Dichlorobenzene
Concen: 8.896 ng
RT: 7.593 min Scan# 71
Delta R.T. -0.041 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:146 Resp: 34380
Ion Ratio Lower Upper
146 100
148 67.4 53.2 79.8
111 41.1 35.0 52.4

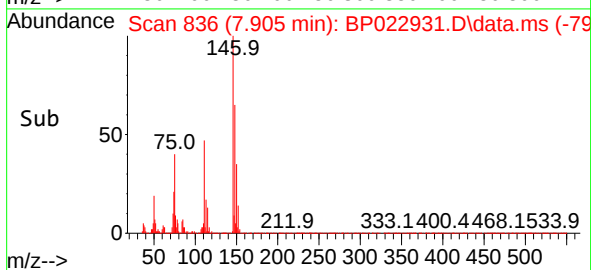
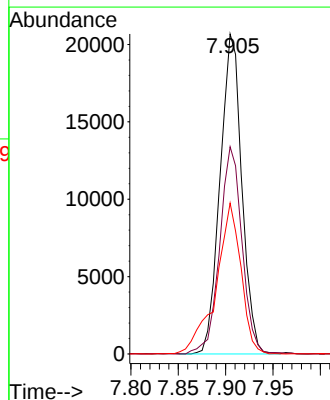
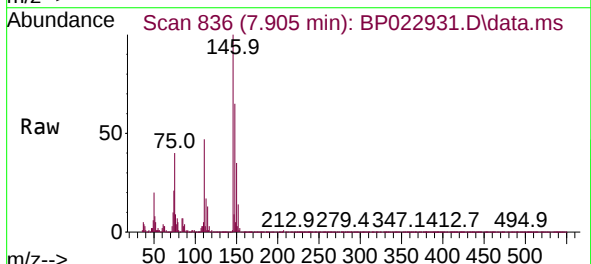
Manual Integrations
APPROVED

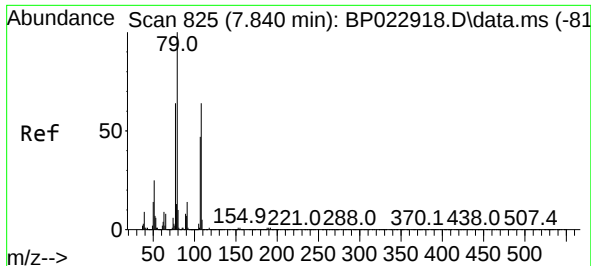
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#14
1,2-Dichlorobenzene
Concen: 8.830 ng
RT: 7.905 min Scan# 836
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

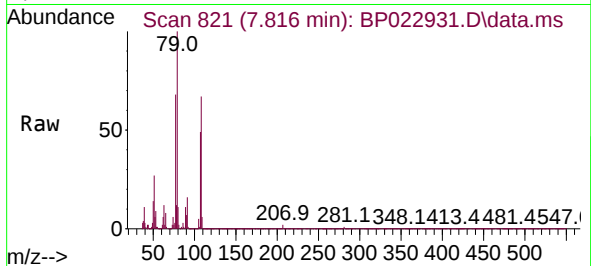
Tgt Ion:146 Resp: 32993
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 47.2 34.2 51.4





#15
Benzyl Alcohol
Concen: 7.417 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

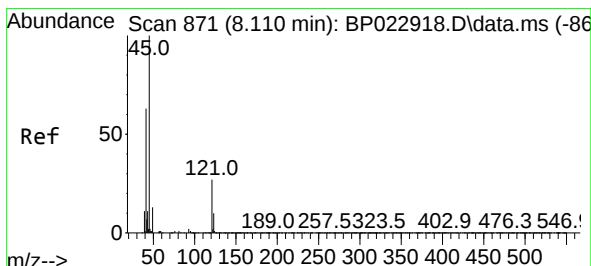
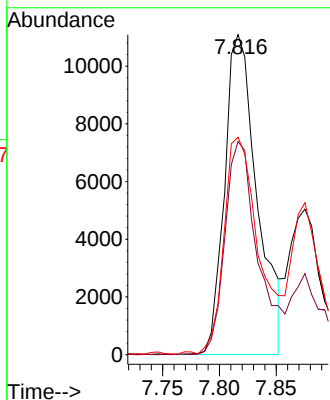
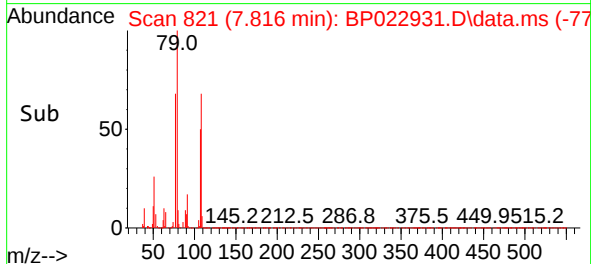
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



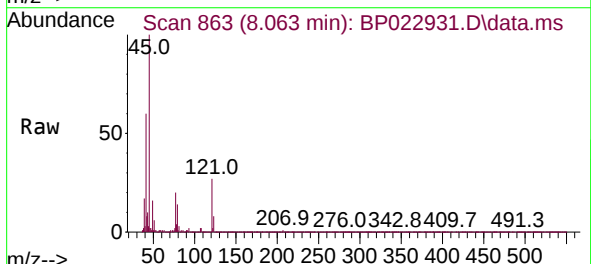
Tgt Ion: 79 Resp: 2216
Ion Ratio Lower Upper
79 100
108 66.6 51.2 76.8
77 67.9 51.3 76.9

Manual Integrations
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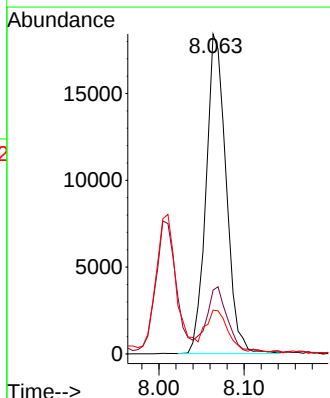
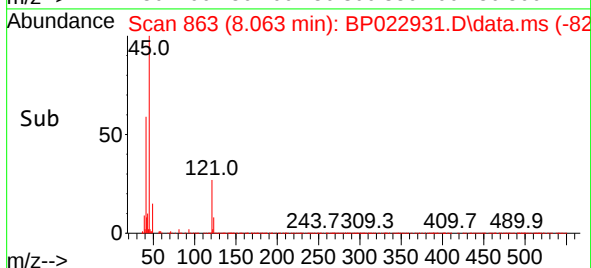
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

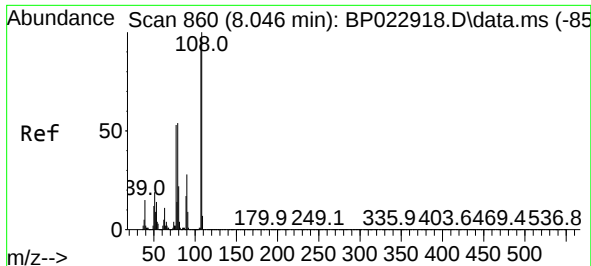


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.395 ng
RT: 8.063 min Scan# 863
Delta R.T. -0.047 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47



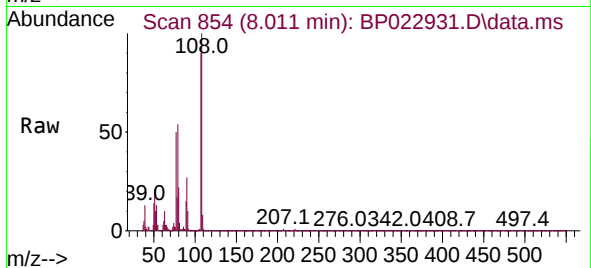
Tgt Ion: 45 Resp: 30092
Ion Ratio Lower Upper
45 100
77 19.9 0.0 39.5
79 13.7 0.0 34.9





#17
2-Methylphenol
Concen: 8.375 ng
RT: 8.011 min Scan# 80
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

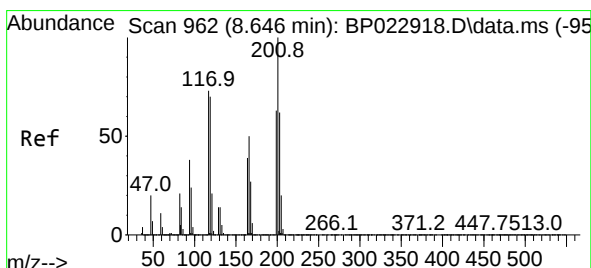
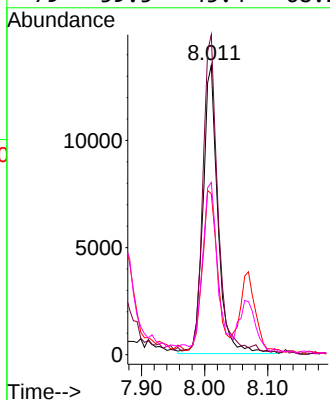
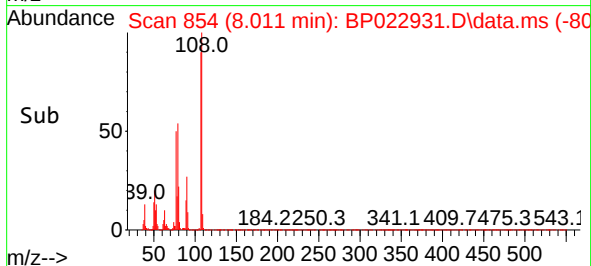
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:	107	Resp:	22214
Ion	Ratio	Lower	Upper
107	100		
108	110.6	83.7	125.5
77	55.6	45.0	67.4
79	59.5	45.4	68.2

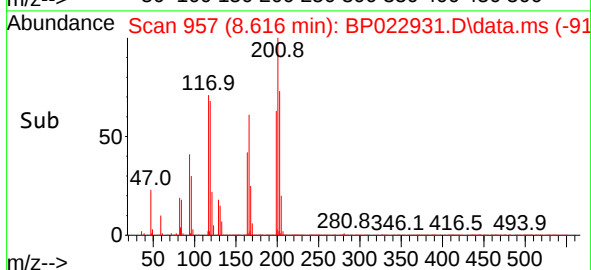
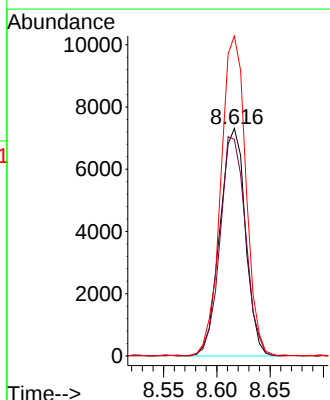
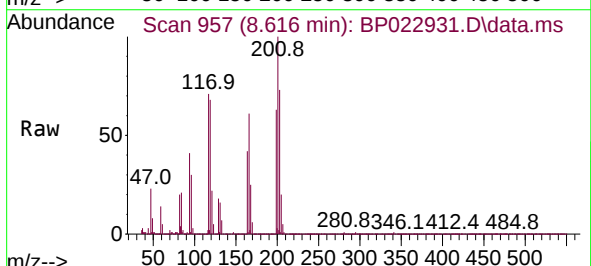
Manual Integrations
APPROVED

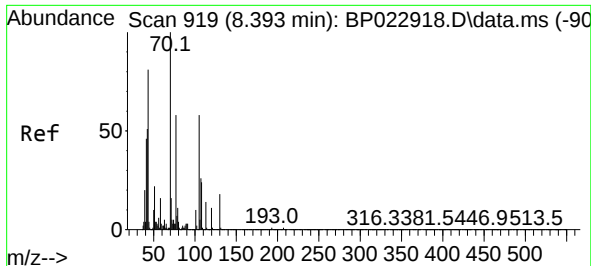
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 8.488 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.029 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

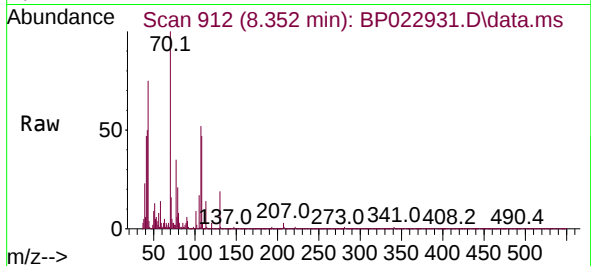
Tgt Ion:	117	Resp:	12136
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
201	140.7	110.0	165.0





#19
n-Nitroso-di-n-propylamine
Concen: 8.855 ng
RT: 8.352 min Scan# 911
Delta R.T. -0.041 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

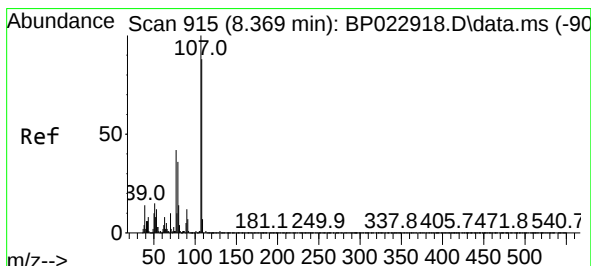
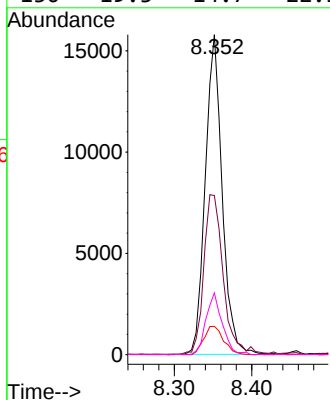
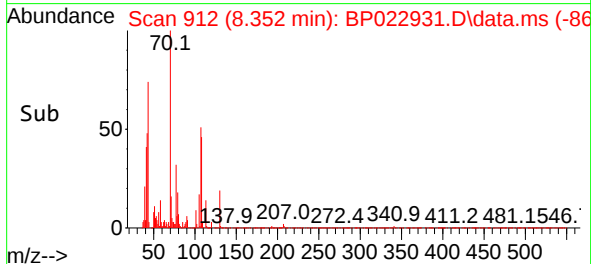
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



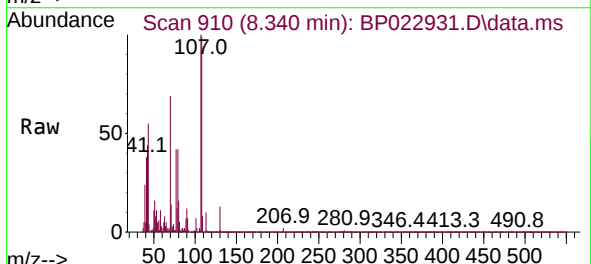
Tgt Ion: 70 Resp: 23914
Ion Ratio Lower Upper
70 100
42 49.7 41.0 61.6
101 8.9 7.8 11.6
130 19.3 14.7 22.1

Manual Integrations
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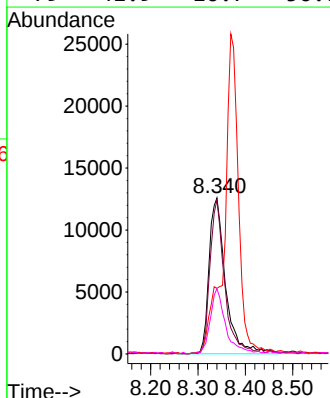
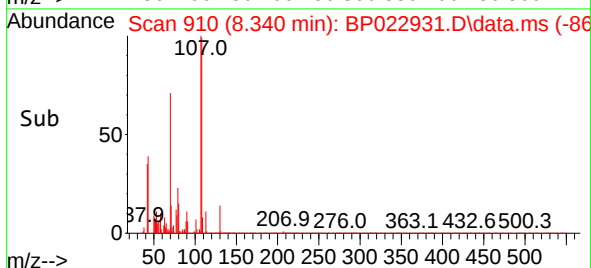
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

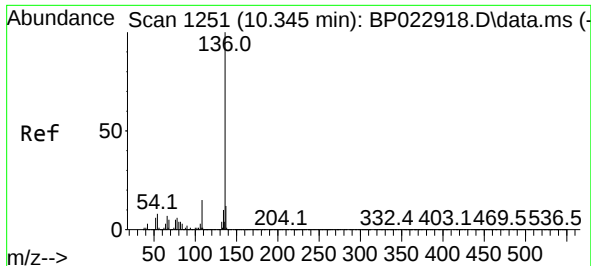


#20
3+4-Methylphenols
Concen: 8.234 ng
RT: 8.340 min Scan# 910
Delta R.T. -0.029 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47



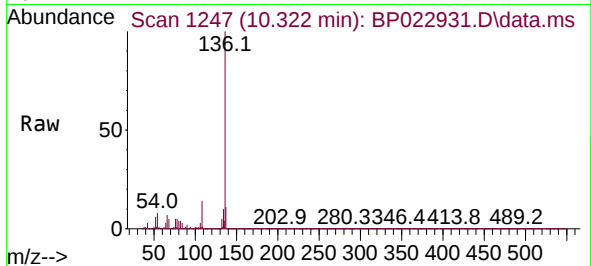
Tgt Ion:107 Resp: 30524
Ion Ratio Lower Upper
107 100
108 98.8 67.6 107.6
77 42.0 22.6 62.6
79 41.9 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 10
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

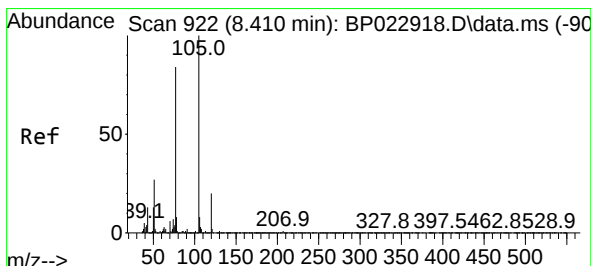
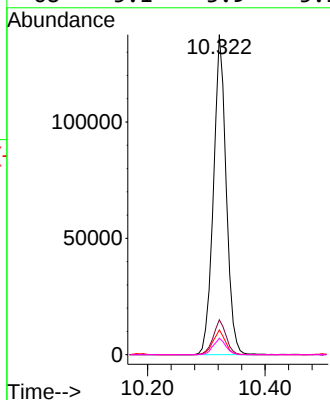
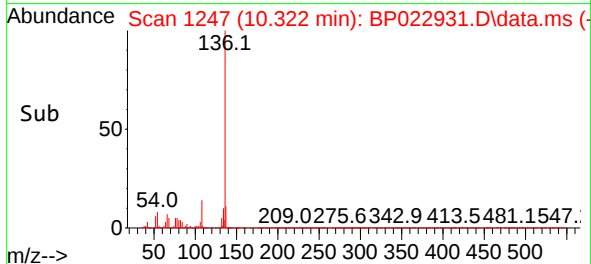
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:	136	Resp:	20659
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.0
54	7.8	6.4	9.6
68	5.1	3.9	5.9

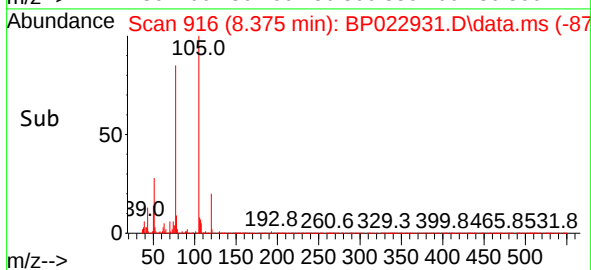
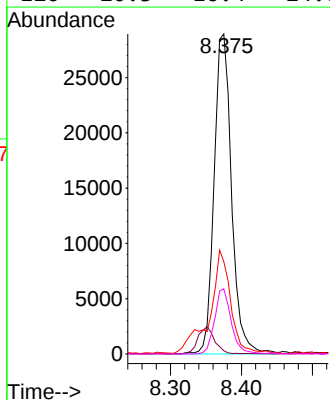
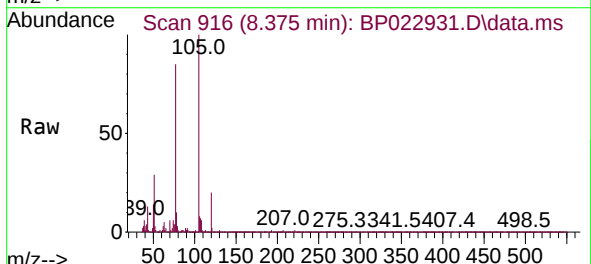
Manual Integrations
APPROVED

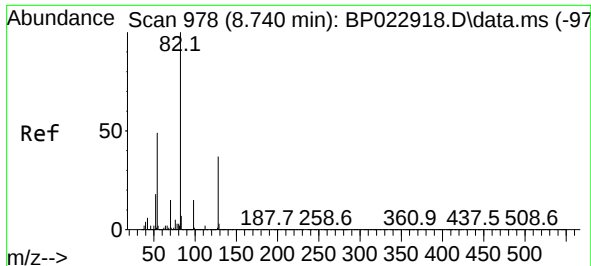
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 8.971 ng
RT: 8.375 min Scan# 916
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

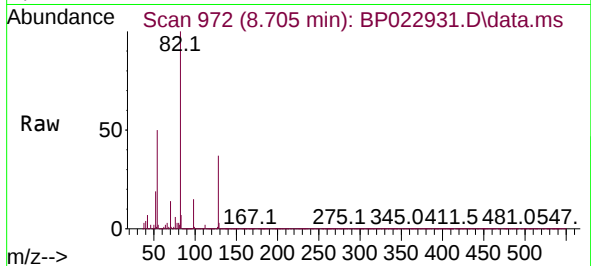
Tgt Ion:	105	Resp:	49334
Ion Ratio	Lower	Upper	
105	100		
71	1.0	0.7	1.1
51	28.8	21.7	32.5
120	20.3	16.4	24.6





#23
Nitrobenzene-d5
Concen: 72.908 ng
RT: 8.705 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

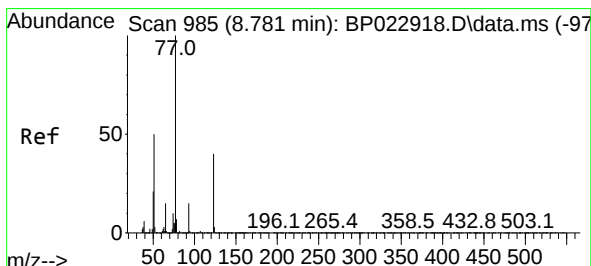
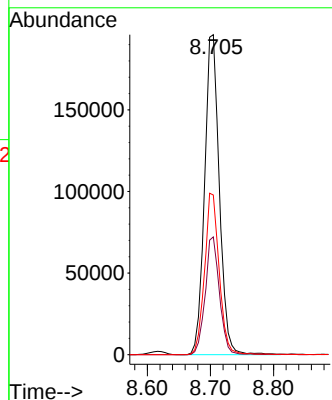
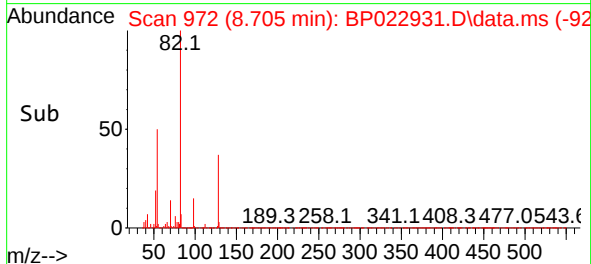
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 82 Resp: 318819
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.8
54 49.9 39.0 58.4

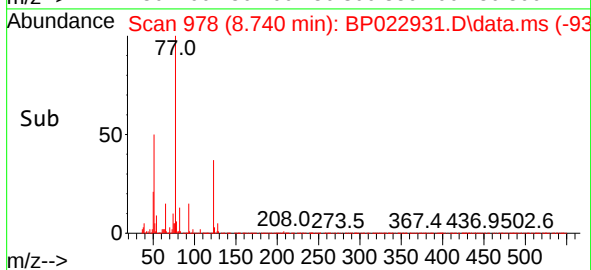
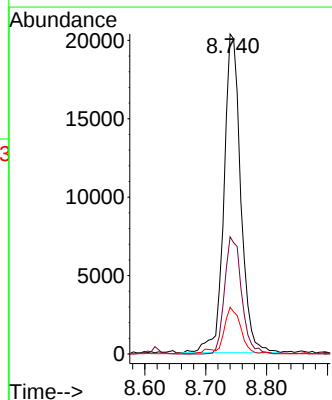
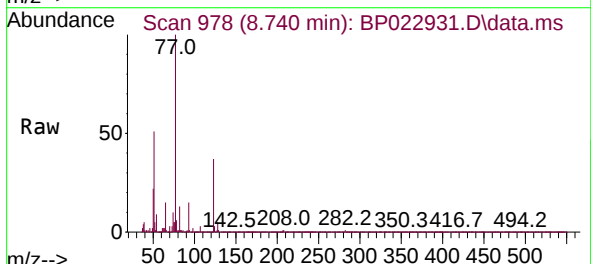
Manual Integrations
APPROVED

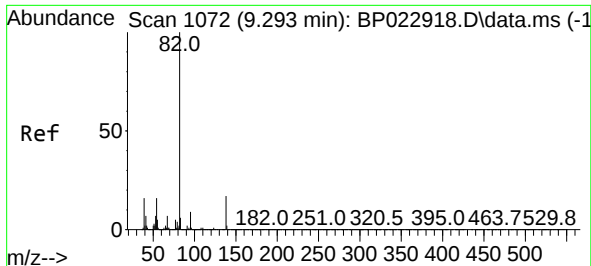
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 8.794 ng
RT: 8.740 min Scan# 978
Delta R.T. -0.041 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion: 77 Resp: 39061
Ion Ratio Lower Upper
77 100
123 36.6 32.2 48.4
65 14.6 11.7 17.5





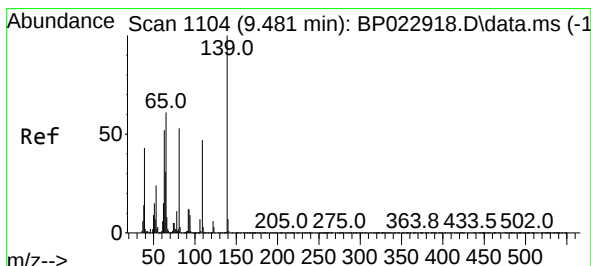
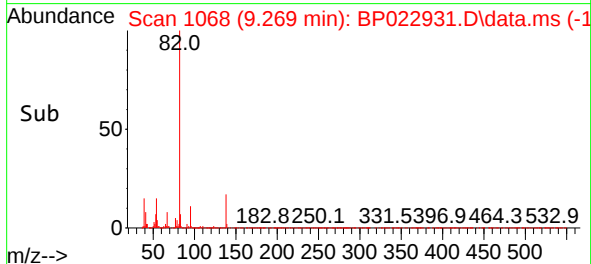
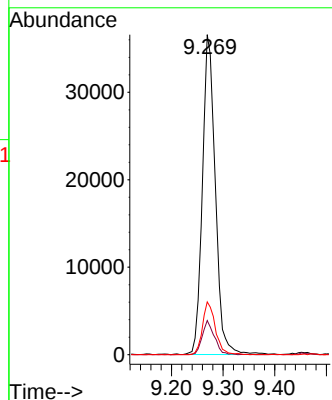
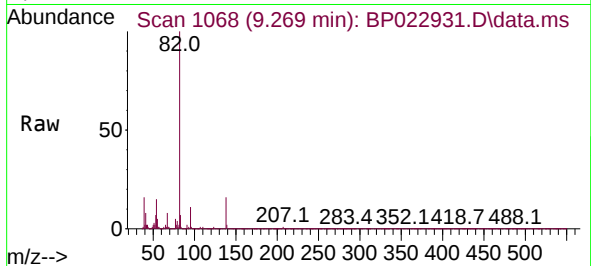
#25
Isophorone
Concen: 8.588 ng
RT: 9.269 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion: 82 Resp: 6355
Ion Ratio Lower Upper
82 100
95 10.6 7.4 11.2
138 16.5 13.7 20.5

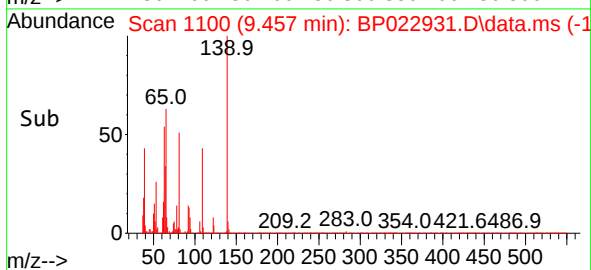
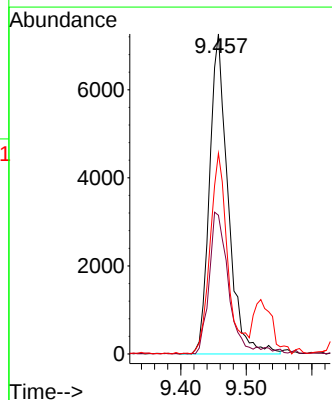
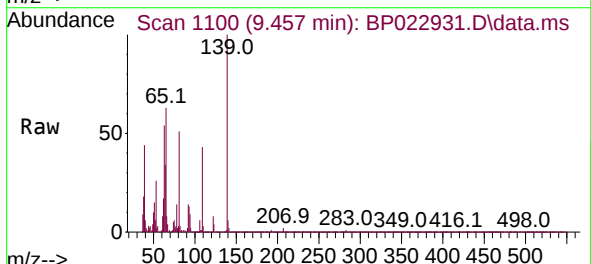
Manual Integrations
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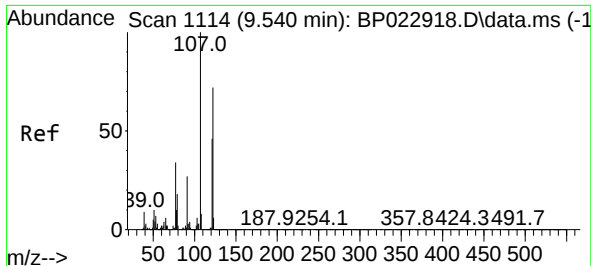
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#26
2-Nitrophenol
Concen: 7.786 ng
RT: 9.457 min Scan# 1100
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:139 Resp: 14203
Ion Ratio Lower Upper
139 100
109 43.4 37.8 56.8
65 62.7 48.6 73.0





#27

2,4-Dimethylphenol

Concen: 7.253 ng

RT: 9.528 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

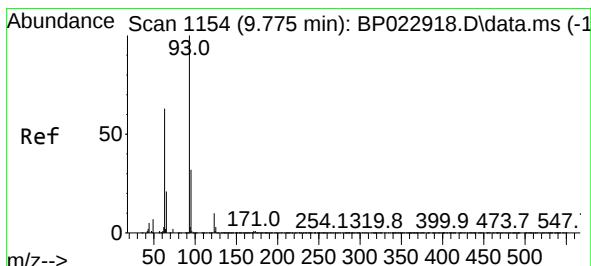
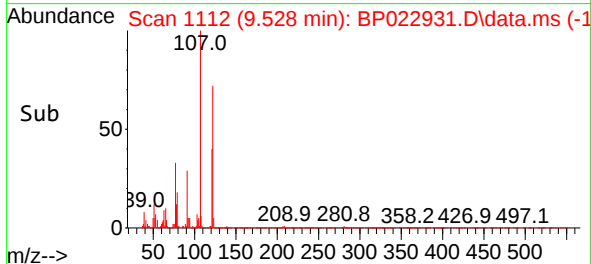
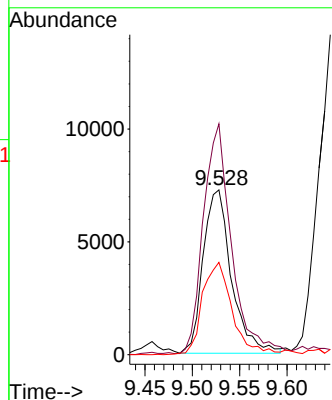
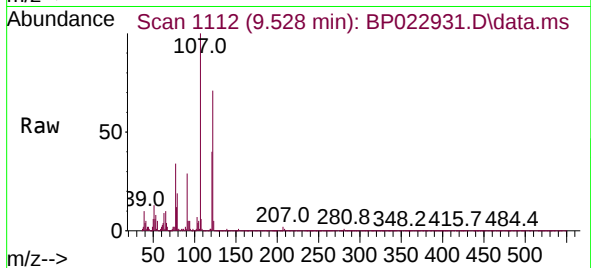
LOQ-SOIL-02-QT4-2024

Tgt Ion:	122	Resp:	15100
Ion	Ratio	Lower	Upper
122	100		
107	140.1	109.8	164.6
121	56.0	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.549 ng

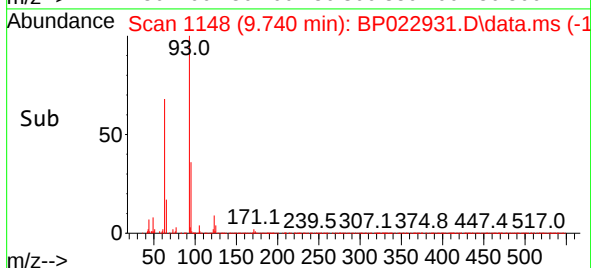
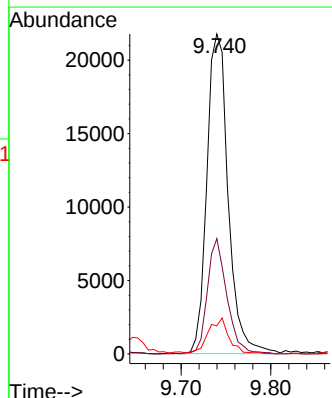
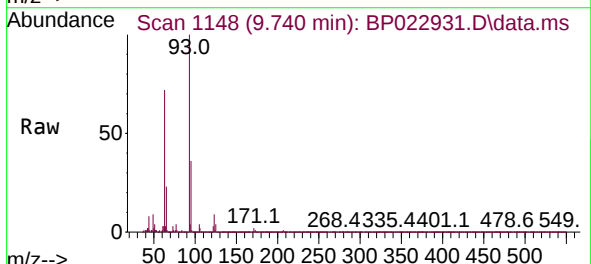
RT: 9.740 min Scan# 1148

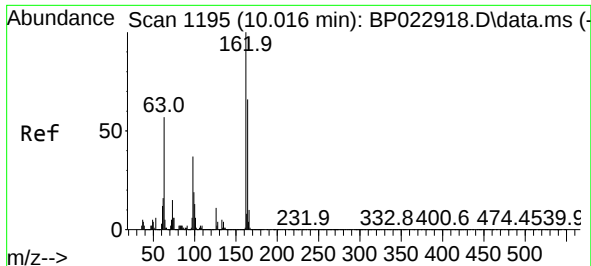
Delta R.T. -0.035 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:	93	Resp:	35938
Ion	Ratio	Lower	Upper
93	100		
95	36.0	25.4	38.2
123	8.8	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 8.188 ng

RT: 10.010 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

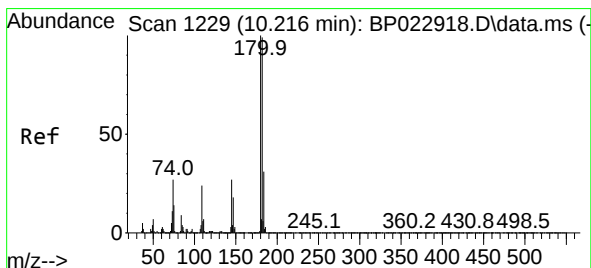
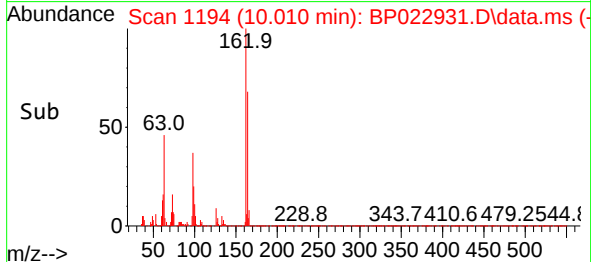
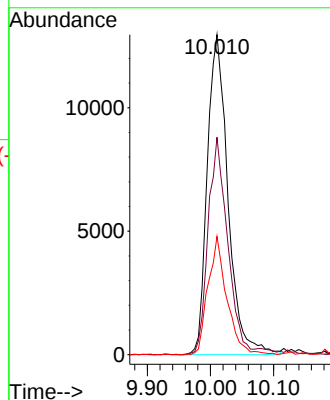
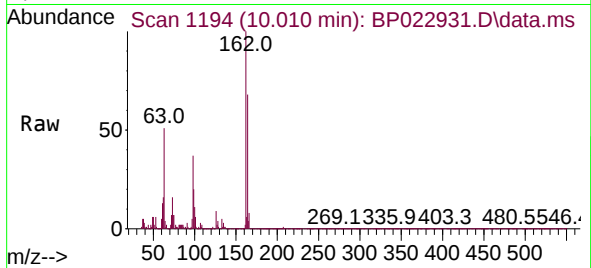
LOQ-SOIL-02-QT4-2024

Tgt Ion:	162	Resp:	29519
Ion Ratio	Lower	Upper	
162	100		
164	68.0	46.0	86.0
98	36.9	16.7	56.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 8.188 ng

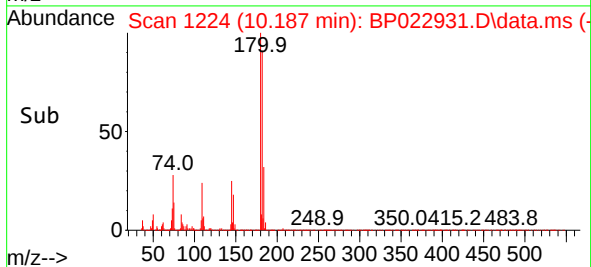
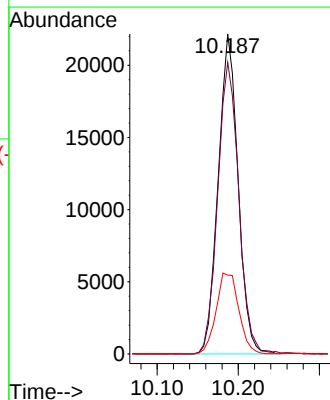
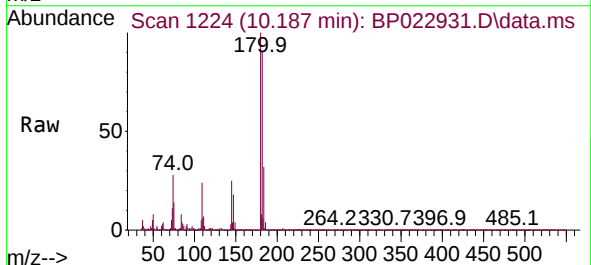
RT: 10.187 min Scan# 1224

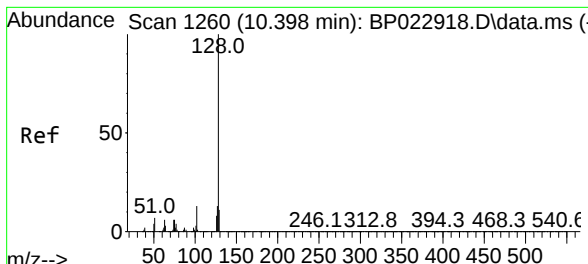
Delta R.T. -0.029 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:	180	Resp:	37740
Ion Ratio	Lower	Upper	
180	100		
182	91.1	79.4	119.2
145	24.7	21.6	32.4



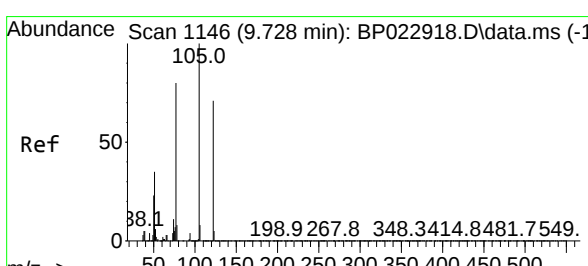
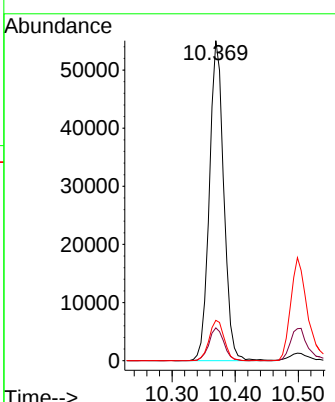
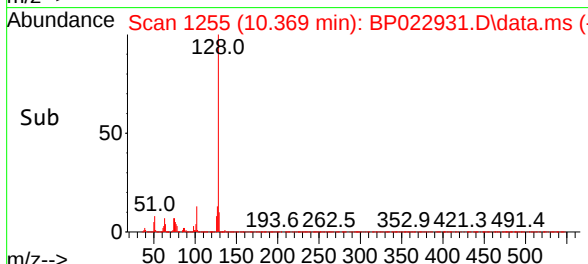
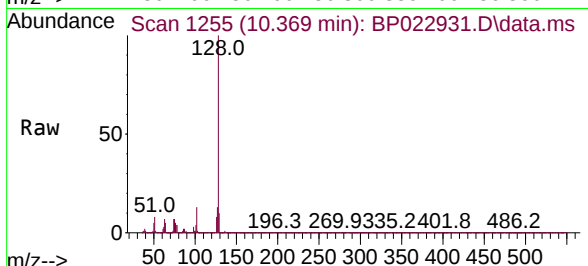


#31
Naphthalene
Concen: 8.404 ng
RT: 10.369 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

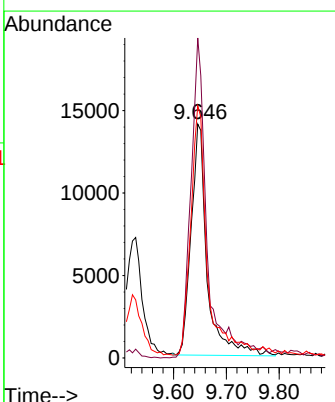
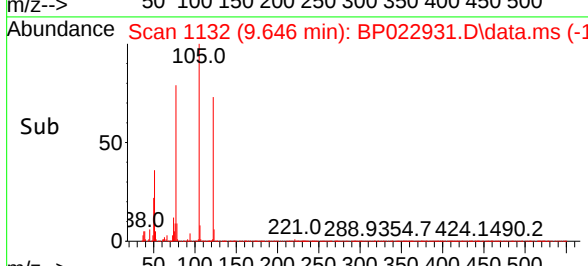
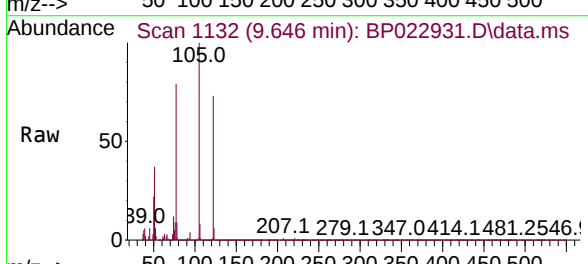
Tgt Ion:	128	Resp:	8699
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.6	12.8
127	12.6	10.6	16.0

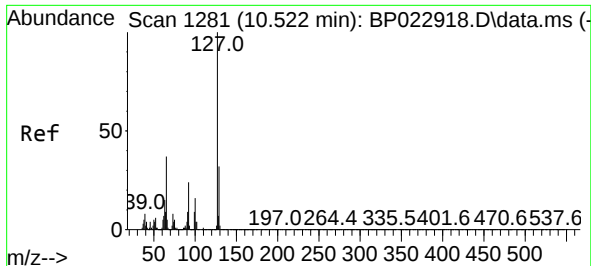
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 11.814 ng m
RT: 9.646 min Scan# 1132
Delta R.T. -0.082 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

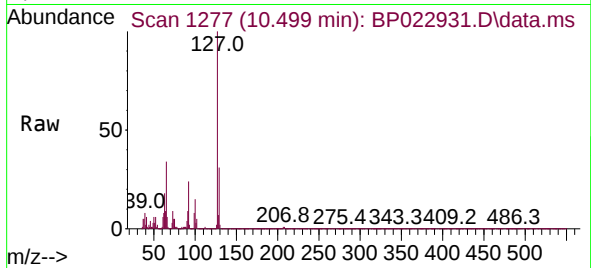
Tgt Ion:	122	Resp:	29547
Ion Ratio	Lower	Upper	
122	100		
105	136.8	119.9	159.9
77	107.8	92.2	132.2





#33
4-Chloroaniline
Concen: 8.875 ng
RT: 10.499 min Scan# 1277
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

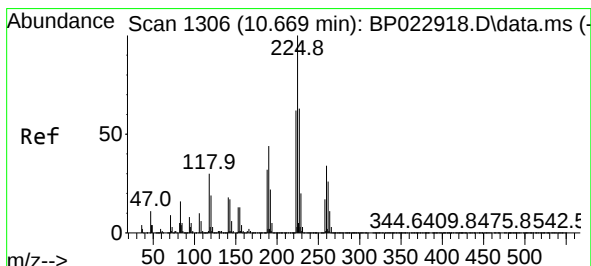
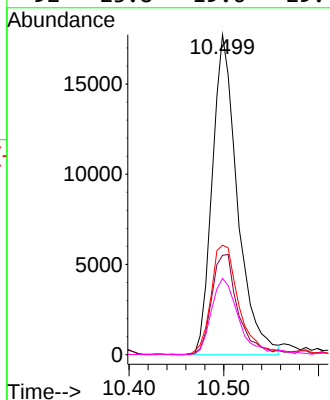
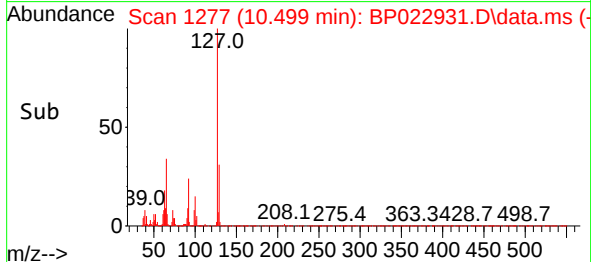
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.2	37.8
65	34.2	29.7	44.5
92	23.8	19.6	29.4

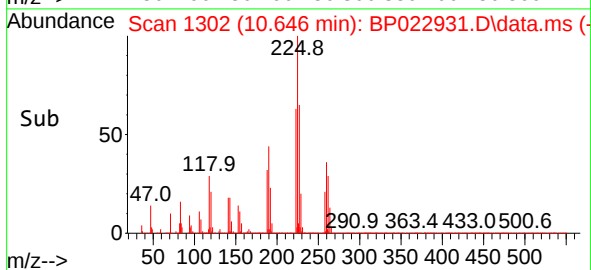
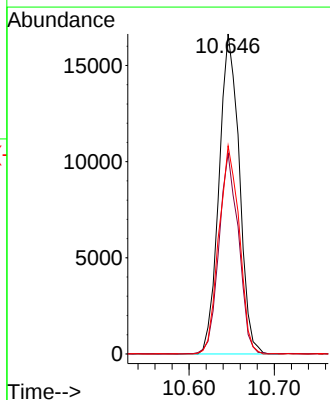
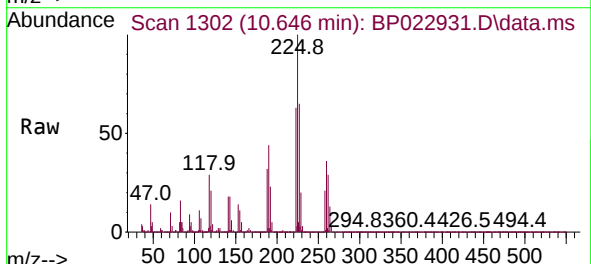
Manual Integrations
APPROVED

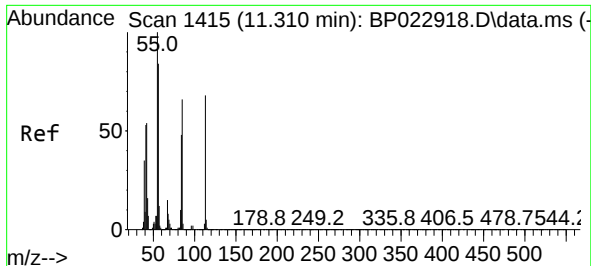
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#34
Hexachlorobutadiene
Concen: 8.103 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

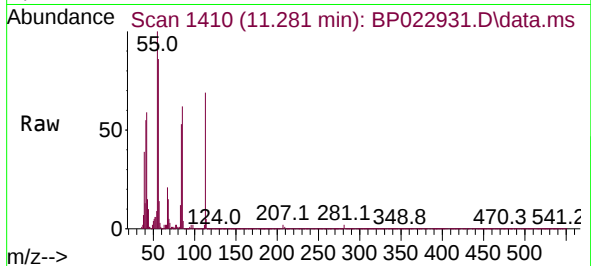
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	65.0	50.5	75.7





#35
Caprolactam
Concen: 7.960 ng m
RT: 11.281 min Scan# 1415
Delta R.T. -0.029 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

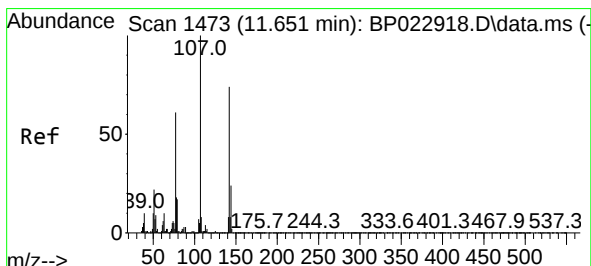
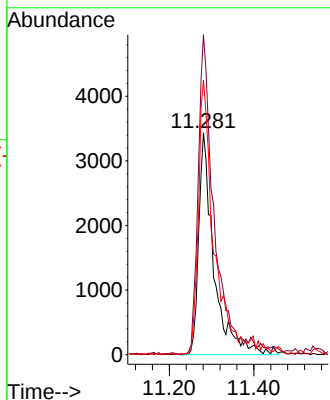
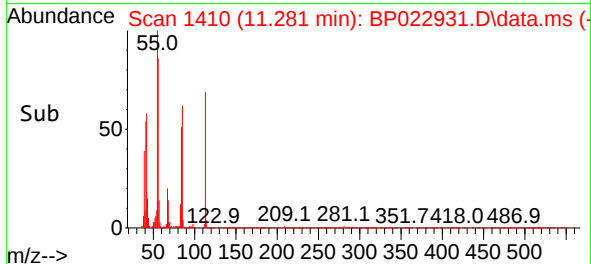
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:113 Resp: 859
Ion Ratio Lower Upper
113 100
55 144.3 127.4 167.4
56 123.9 103.5 143.5

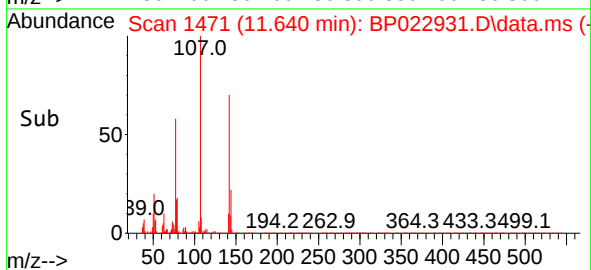
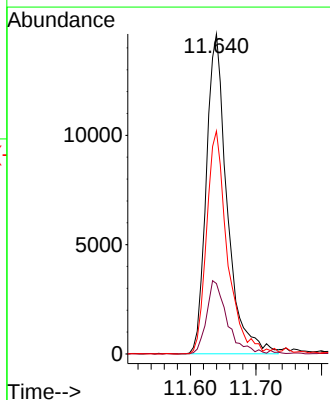
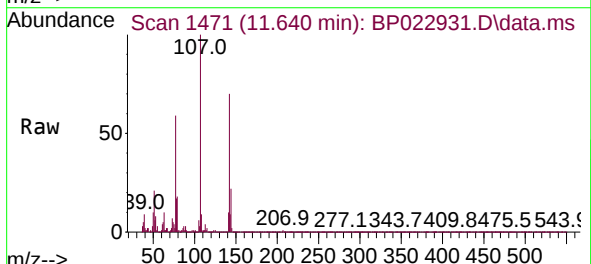
Manual Integrations
APPROVED

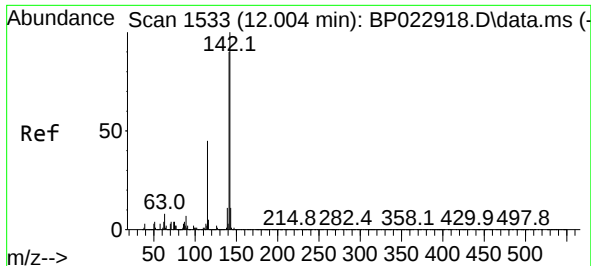
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#36
4-Chloro-3-methylphenol
Concen: 8.050 ng
RT: 11.640 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:107 Resp: 32360
Ion Ratio Lower Upper
107 100
144 22.0 19.4 29.0
142 69.7 59.5 89.3





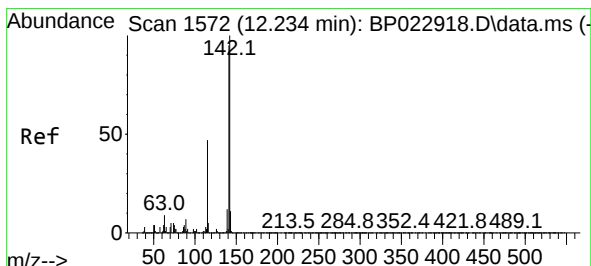
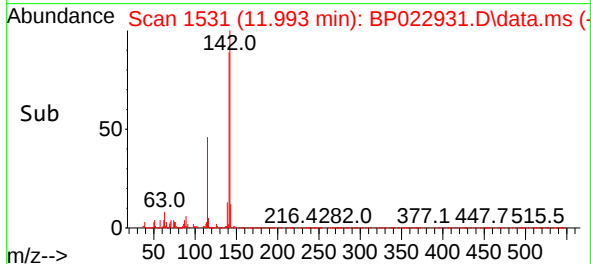
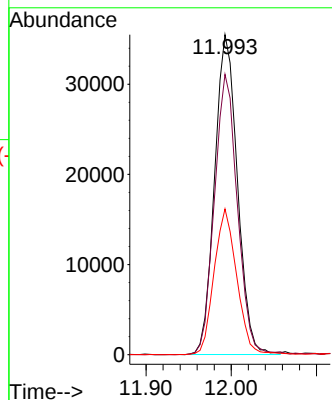
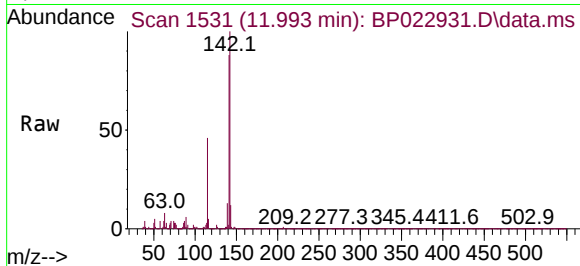
#37
2-Methylnaphthalene
Concen: 8.518 ng
RT: 11.993 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:142 Resp: 66040
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 45.6 35.9 53.9

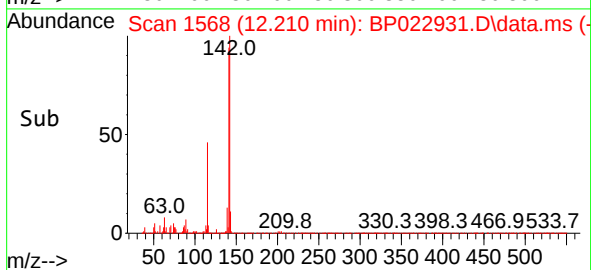
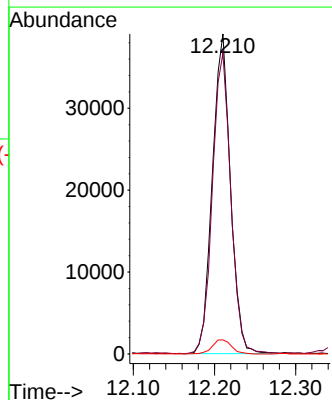
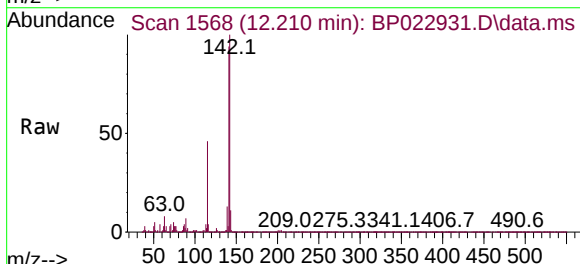
Manual Integrations
APPROVED

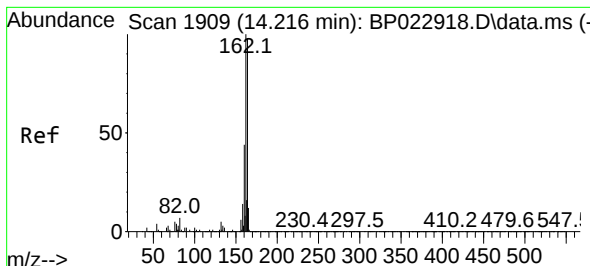
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 7.857 ng
RT: 12.210 min Scan# 1568
Delta R.T. -0.023 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:142 Resp: 60457
Ion Ratio Lower Upper
142 100
141 93.9 75.8 113.8
116 4.4 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.210 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

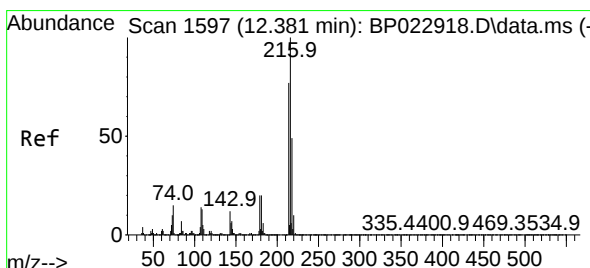
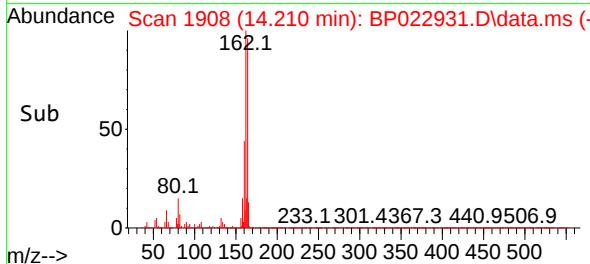
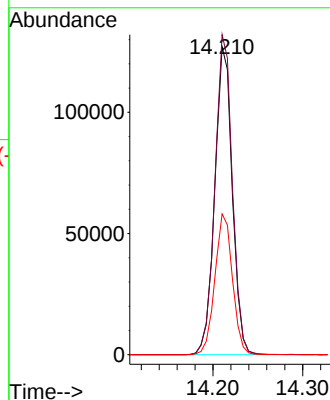
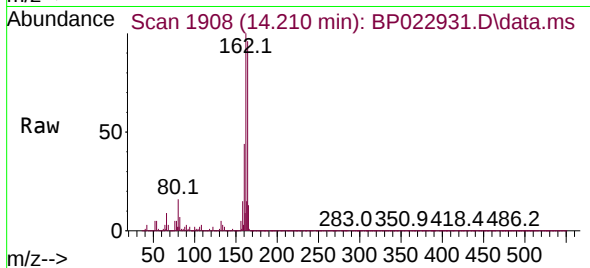
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:164	Resp:	171694
Ion Ratio	Lower	Upper
164	100	
162	103.9	81.8 122.8
160	45.8	35.7 53.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.521 ng

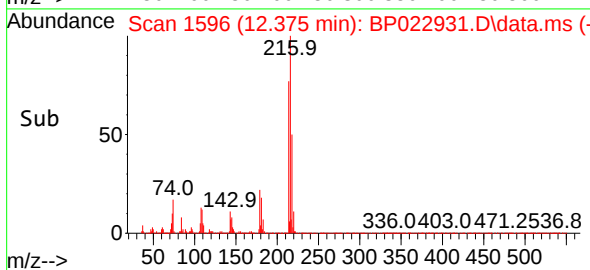
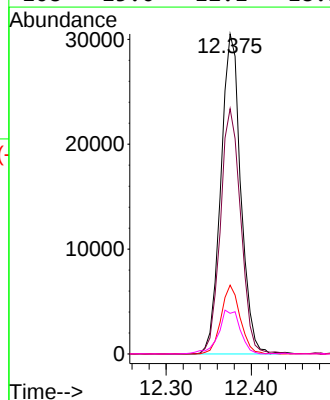
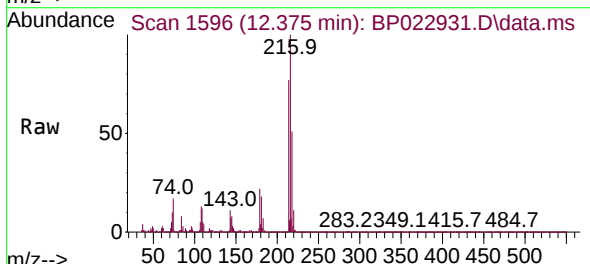
RT: 12.375 min Scan# 1596

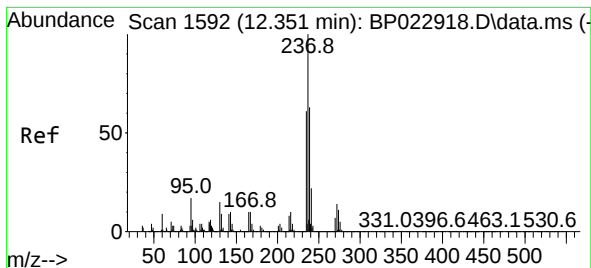
Delta R.T. -0.006 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

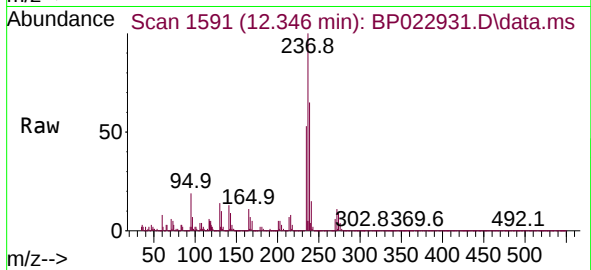
Tgt Ion:216	Resp:	49530
Ion Ratio	Lower	Upper
216	100	
214	78.4	62.5 93.7
179	20.6	16.5 24.7
108	15.0	12.1 18.1





#41
Hexachlorocyclopentadiene
Concen: 6.770 ng
RT: 12.346 min Scan# 1105
Delta R.T. -0.005 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

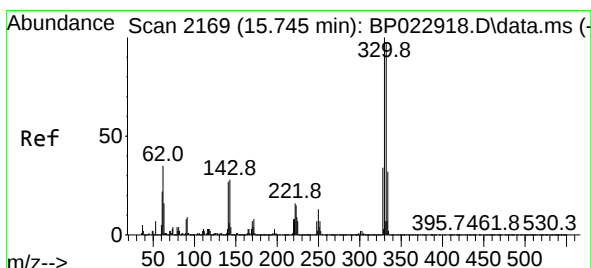
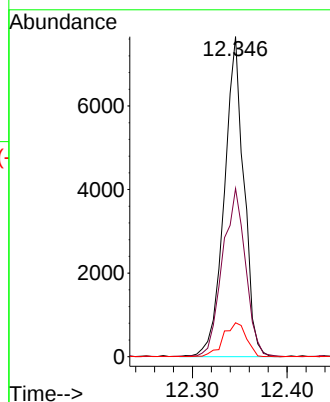
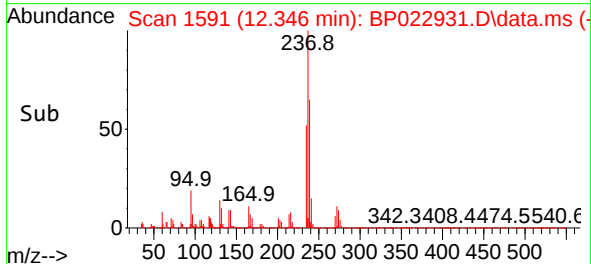
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 237 Resp: 1105
Ion Ratio Lower Upper
237 100
235 52.5 41.2 81.2
272 10.6 0.0 33.7

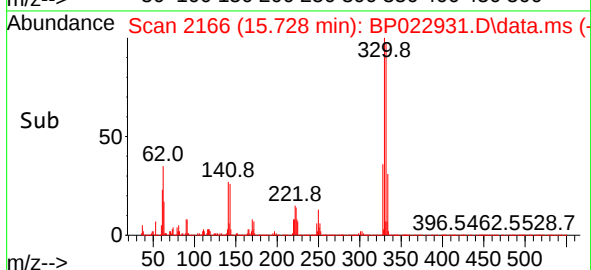
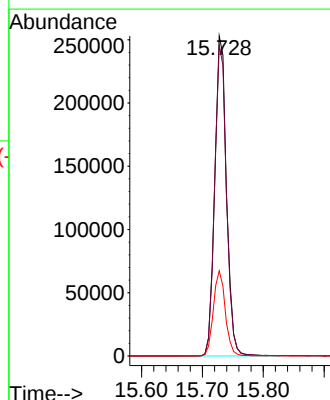
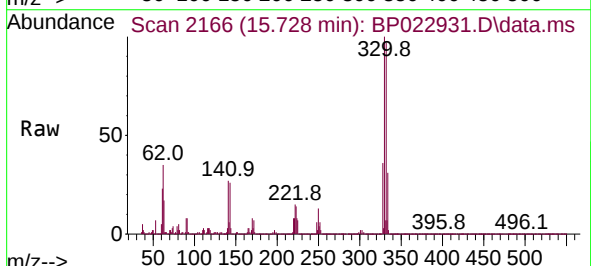
Manual Integrations
APPROVED

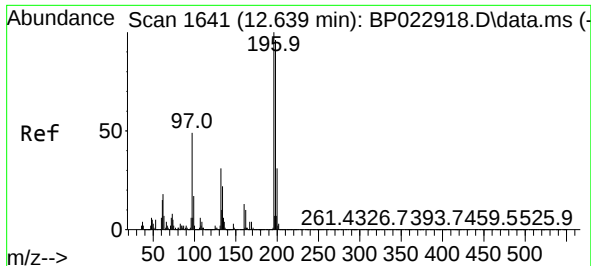
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#42
2,4,6-Tribromophenol
Concen: 101.690 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.017 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion: 330 Resp: 338422
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 27.1 21.6 32.4





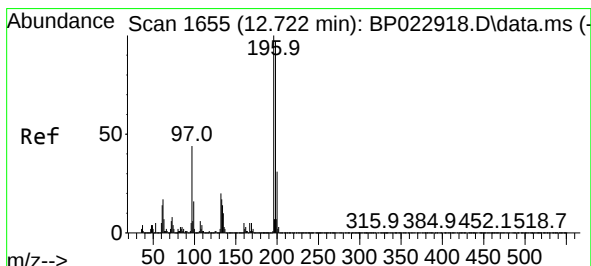
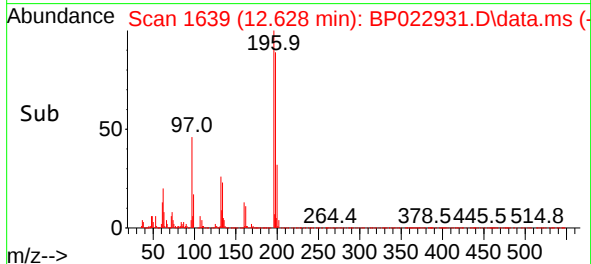
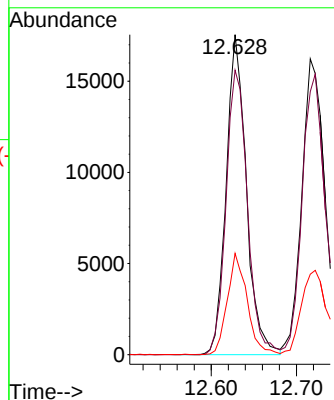
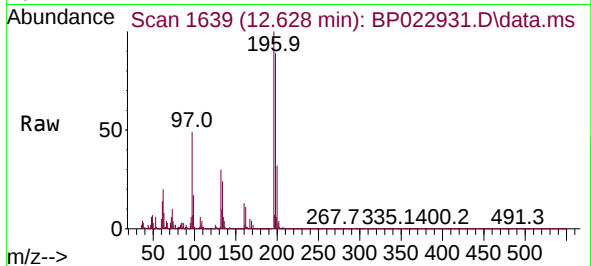
#43
2,4,6-Trichlorophenol
Concen: 7.812 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:196 Resp: 28878
Ion Ratio Lower Upper
196 100
198 88.9 76.5 114.7
200 31.7 24.6 36.8

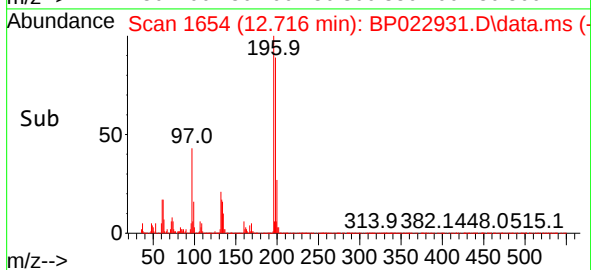
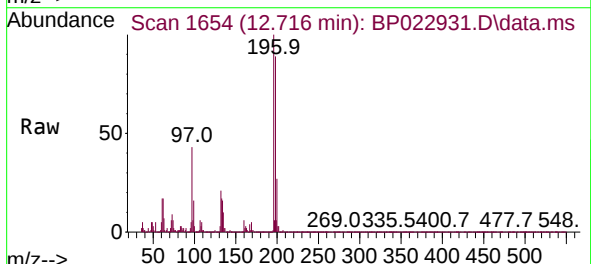
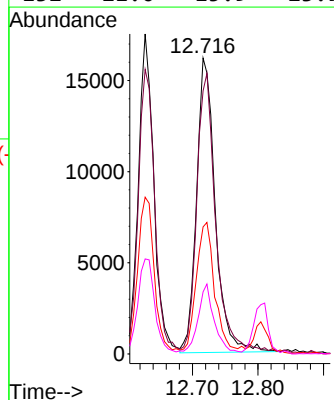
Manual Integrations
APPROVED

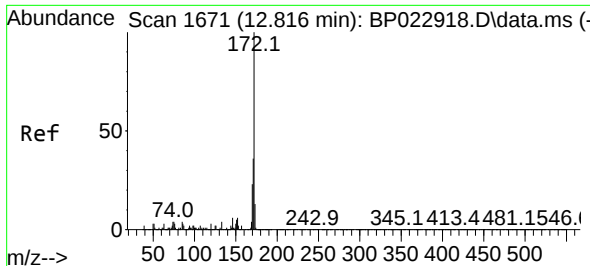
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#44
2,4,5-Trichlorophenol
Concen: 7.630 ng
RT: 12.716 min Scan# 1654
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:196 Resp: 32109
Ion Ratio Lower Upper
196 100
198 88.9 77.8 116.8
97 42.9 35.2 52.8
132 21.0 15.9 23.9





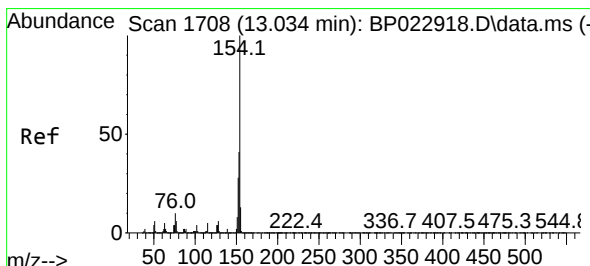
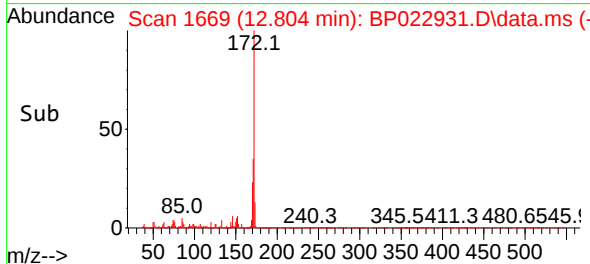
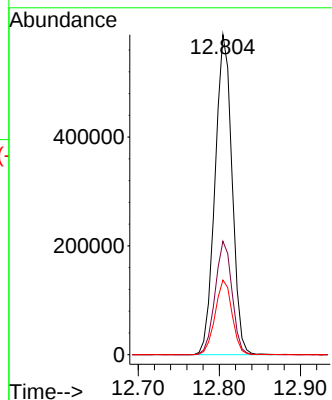
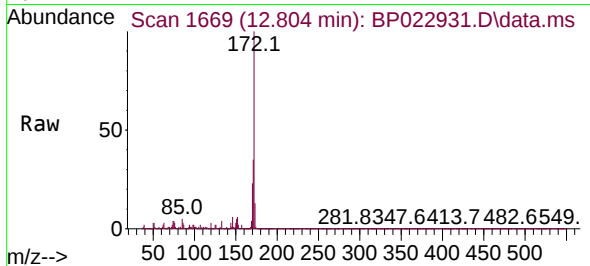
#45
2-Fluorobiphenyl
Concen: 71.225 ng
RT: 12.804 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:172 Resp: 85585
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.3 18.6 27.8

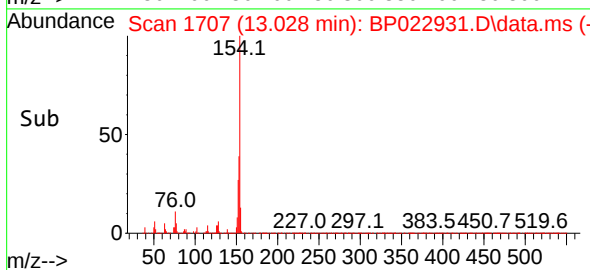
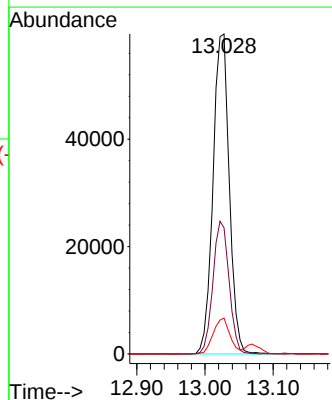
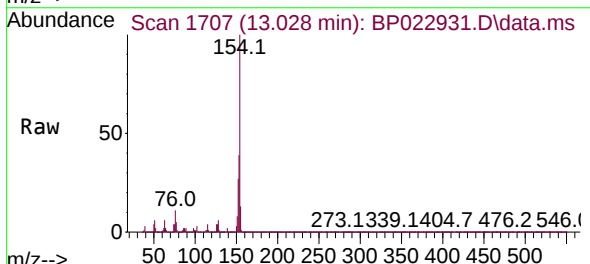
Manual Integrations
APPROVED

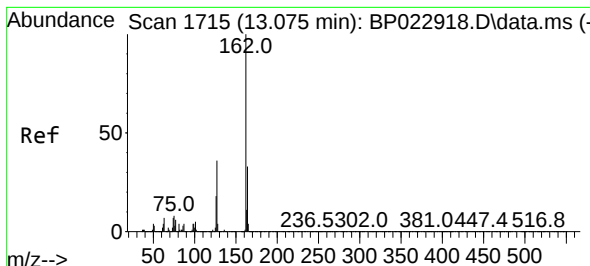
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#46
1,1'-Biphenyl
Concen: 8.688 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:154 Resp: 99155
Ion Ratio Lower Upper
154 100
153 39.4 20.6 60.6
76 11.2 0.0 30.5





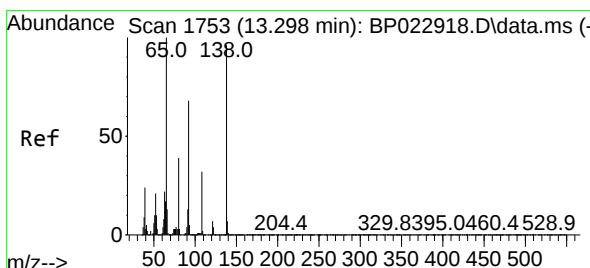
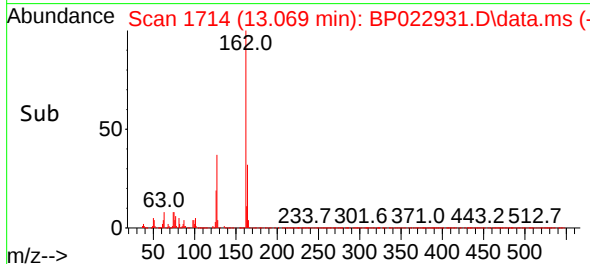
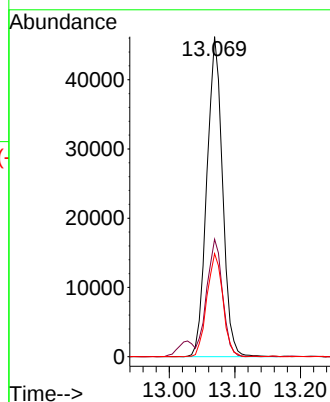
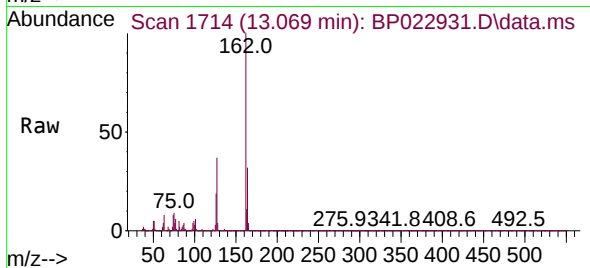
#47
2-Chloronaphthalene
Concen: 8.133 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:162 Resp: 7703
Ion Ratio Lower Upper
162 100
127 36.7 28.6 43.0
164 32.2 26.4 39.6

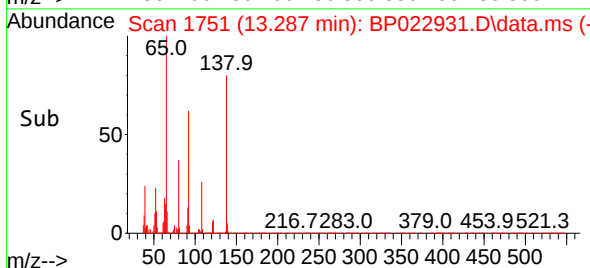
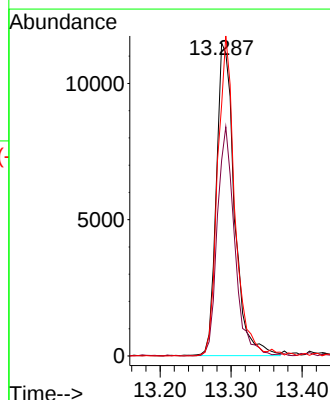
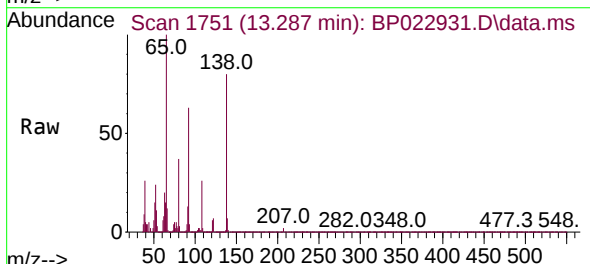
Manual Integrations
APPROVED

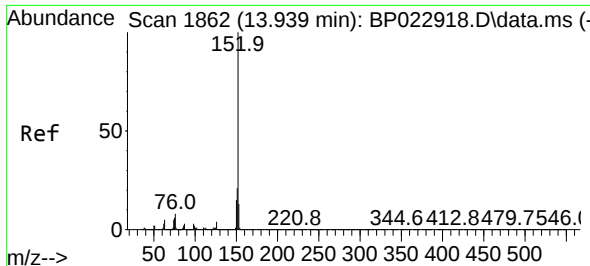
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#48
2-Nitroaniline
Concen: 7.316 ng
RT: 13.287 min Scan# 1751
Delta R.T. -0.011 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

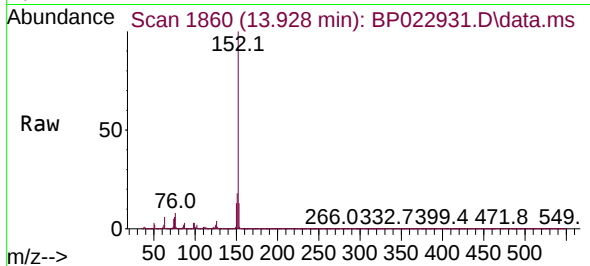
Tgt Ion: 65 Resp: 20188
Ion Ratio Lower Upper
65 100
92 62.5 54.4 81.6
138 80.3 76.5 114.7





#49
Acenaphthylene
Concen: 9.045 ng
RT: 13.928 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

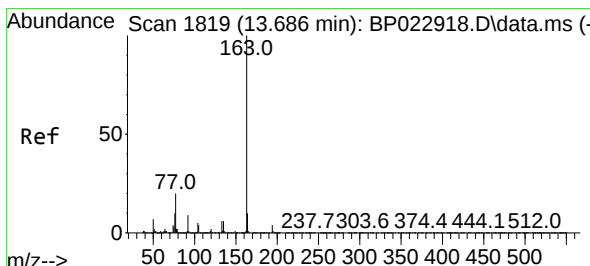
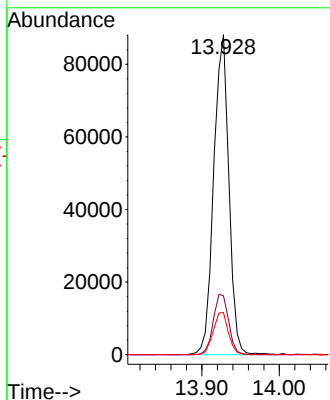
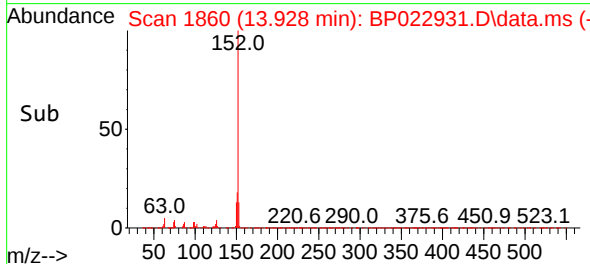
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024



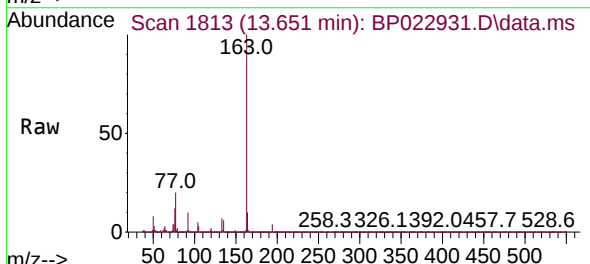
Tgt Ion:152 Resp: 11964
Ion Ratio Lower Upper
152 100
151 18.4 16.8 25.2
153 13.1 10.8 16.2

Manual Integrations
APPROVED

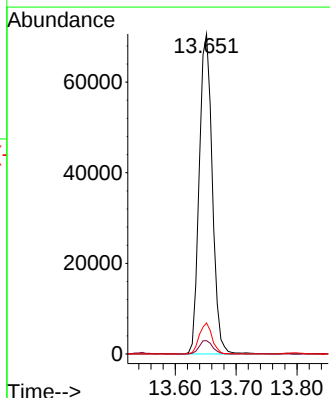
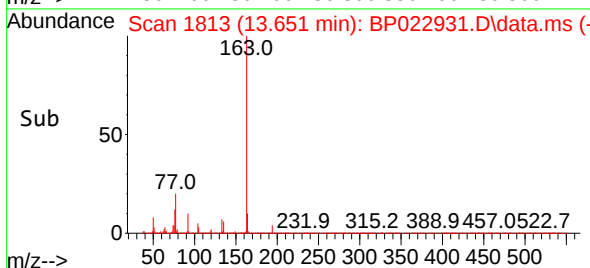
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

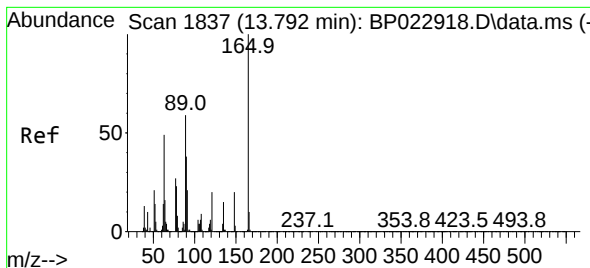


#50
Dimethylphthalate
Concen: 8.361 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.035 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47



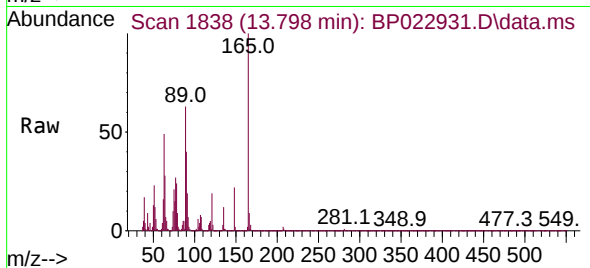
Tgt Ion:163 Resp: 105110
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 7.389 ng
RT: 13.798 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

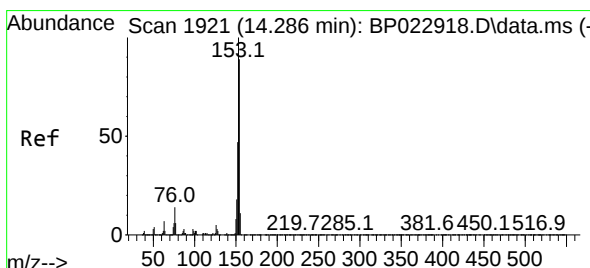
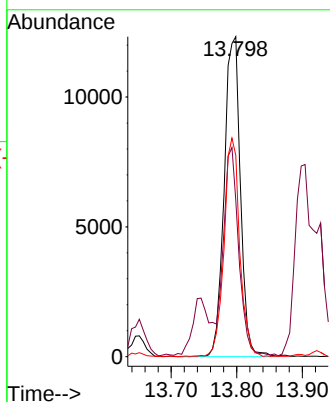
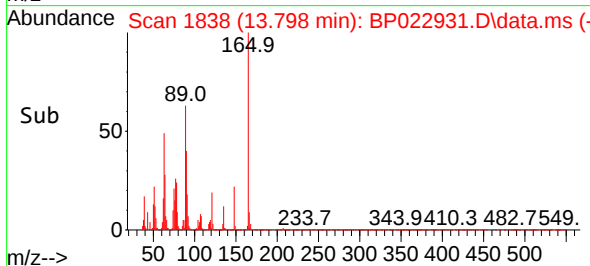
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:165 Resp: 2112
Ion Ratio Lower Upper
165 100
63 48.9 45.1 67.7
89 62.9 46.9 70.3

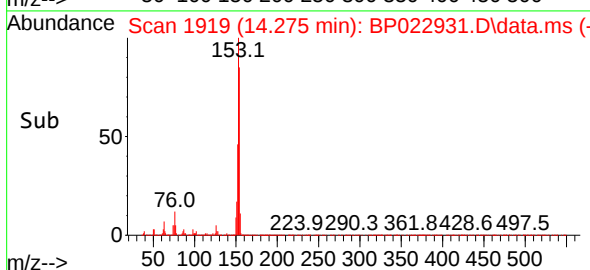
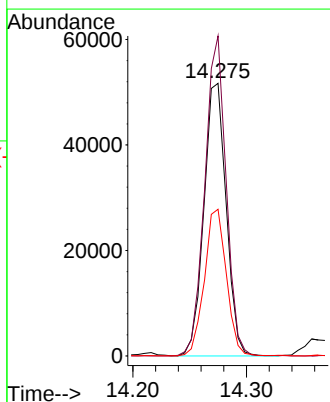
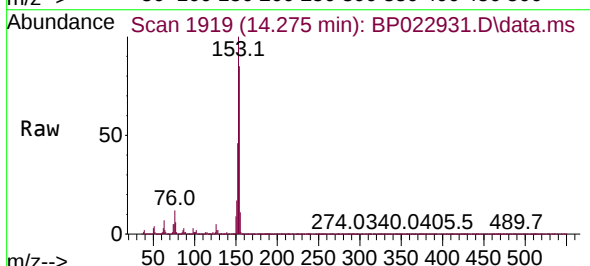
Manual Integrations
APPROVED

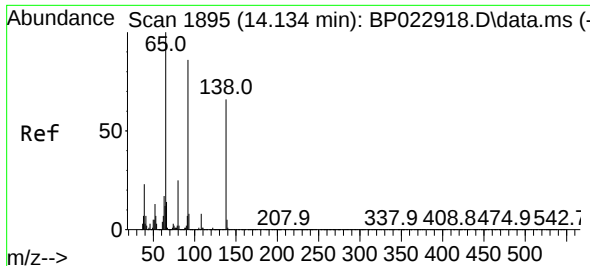
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 8.265 ng
RT: 14.275 min Scan# 1919
Delta R.T. -0.011 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

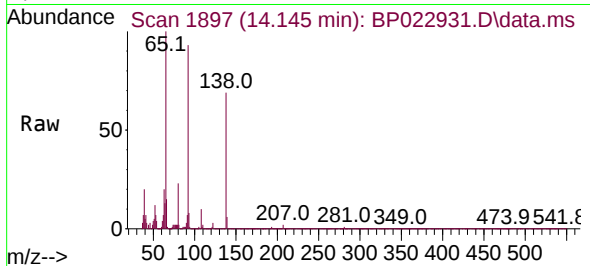
Tgt Ion:154 Resp: 70301
Ion Ratio Lower Upper
154 100
153 117.3 89.9 134.9
152 53.8 42.1 63.1





#53
3-Nitroaniline
Concen: 7.742 ng
RT: 14.145 min Scan# 1897
Delta R.T. 0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

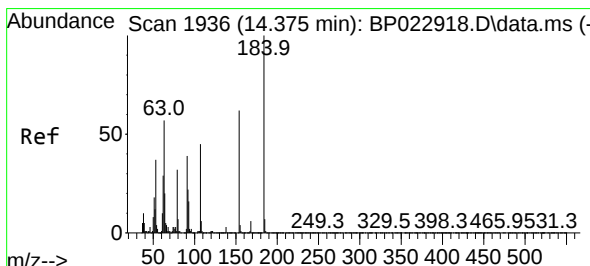
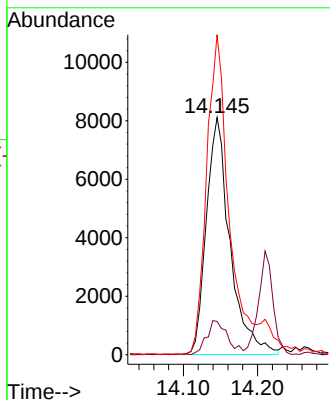
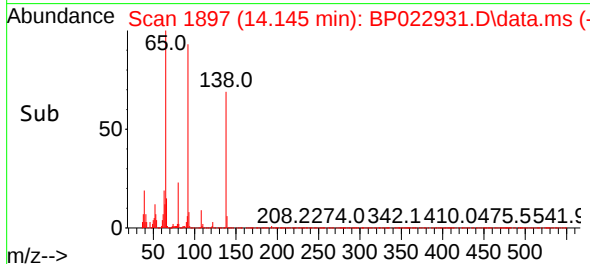
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:138 Resp: 17979
Ion Ratio Lower Upper
138 100
108 14.1 10.2 15.2
92 134.9 104.2 156.2

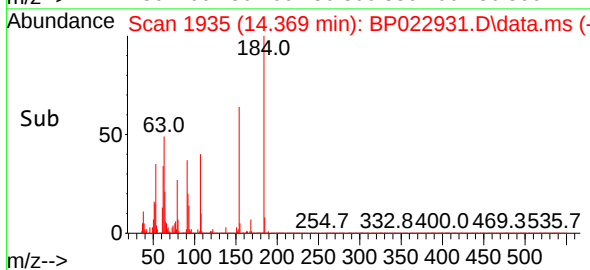
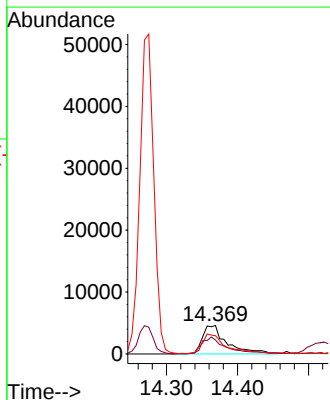
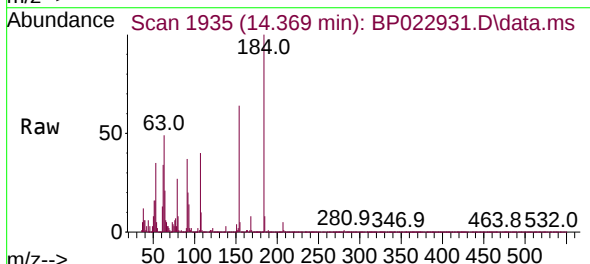
Manual Integrations
APPROVED

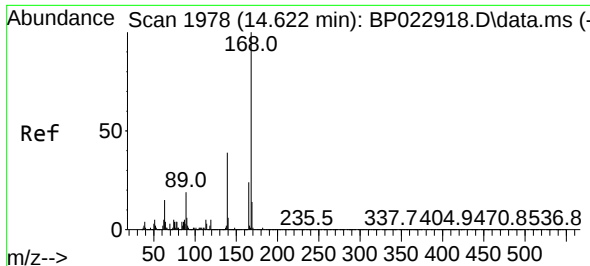
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 6.229 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

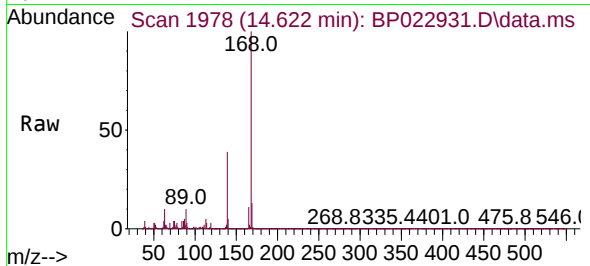
Tgt Ion:184 Resp: 11049
Ion Ratio Lower Upper
184 100
63 49.2 46.3 69.5
154 64.0 56.6 85.0





#55
Dibenzenofuran
Concen: 8.605 ng
RT: 14.622 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

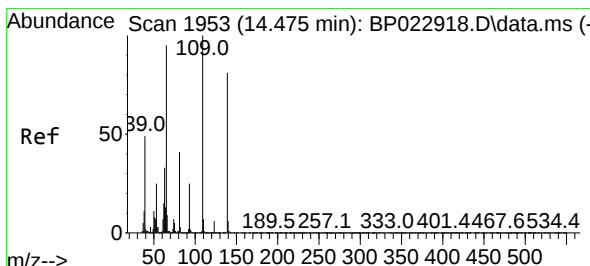
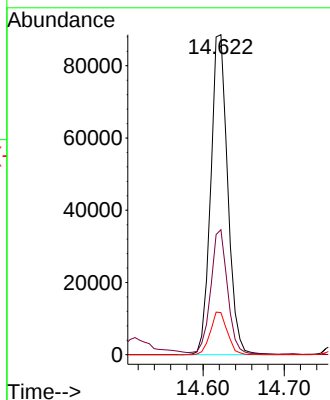
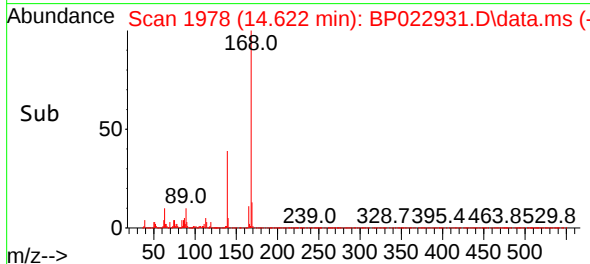
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:168 Resp: 12854
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.2 11.0 16.6

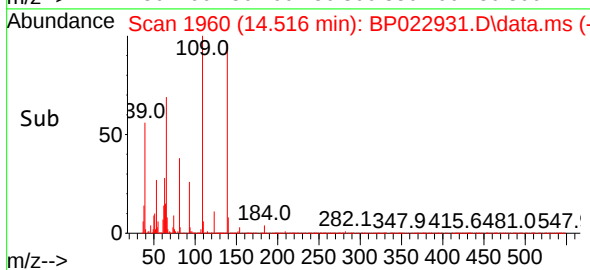
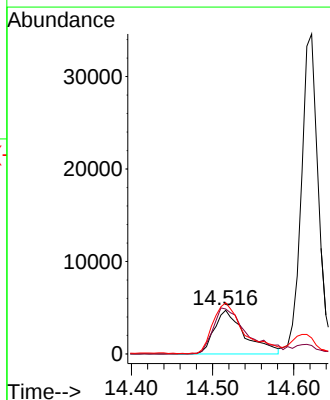
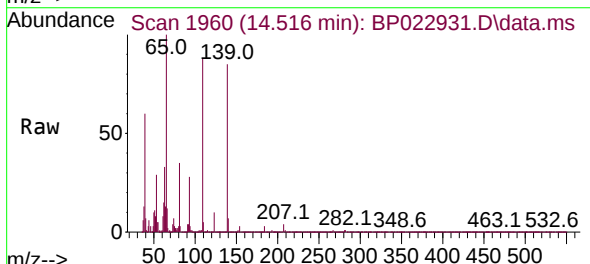
Manual Integrations
APPROVED

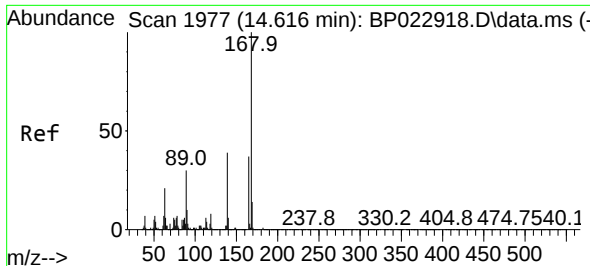
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 6.462 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.041 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

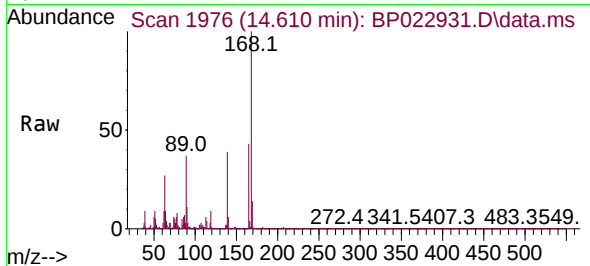
Tgt Ion:139 Resp: 12342
Ion Ratio Lower Upper
139 100
109 102.8 103.1 143.1#
65 117.2 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 7.266 ng
RT: 14.610 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

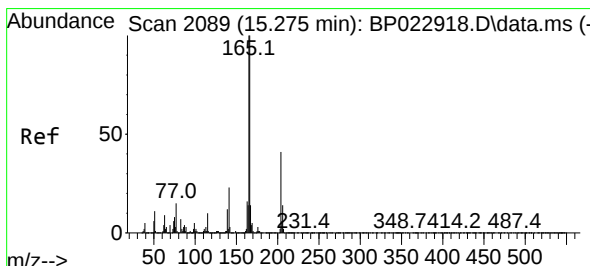
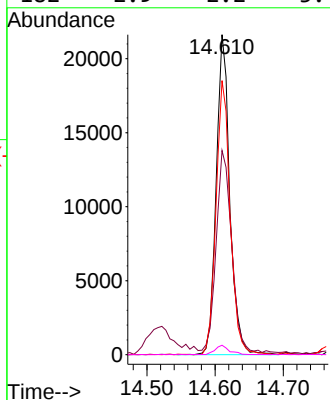
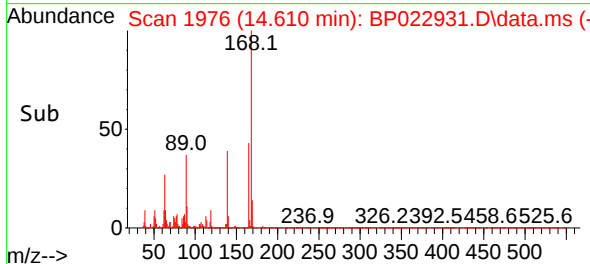
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:165 Resp: 30024
Ion Ratio Lower Upper
165 100
63 63.8 46.5 69.7
89 85.6 64.0 96.0
182 2.9 2.2 3.4

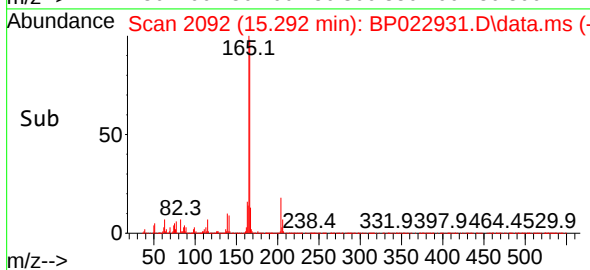
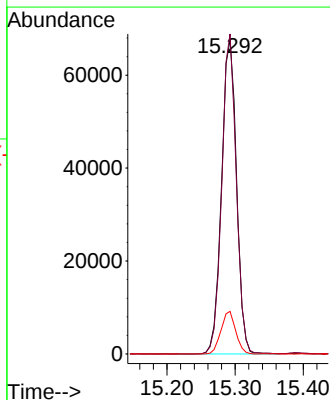
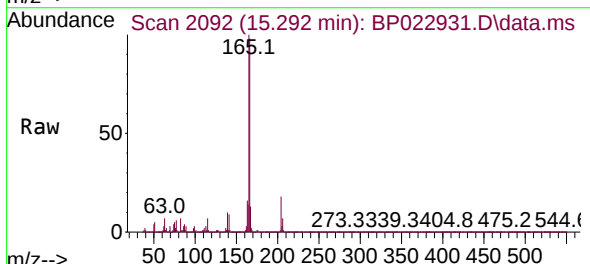
Manual Integrations
APPROVED

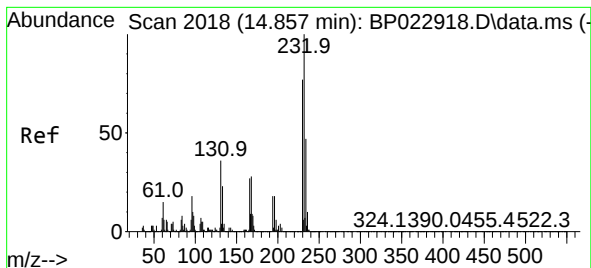
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 8.337 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

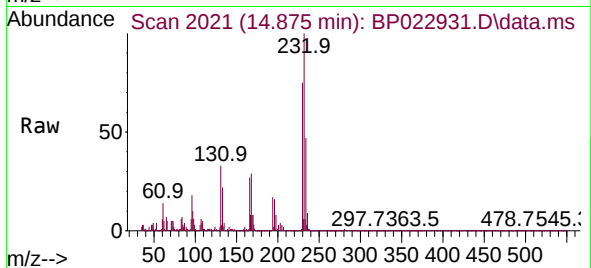
Tgt Ion:166 Resp: 103469
Ion Ratio Lower Upper
166 100
165 101.7 80.1 120.1
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.268 ng
RT: 14.875 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

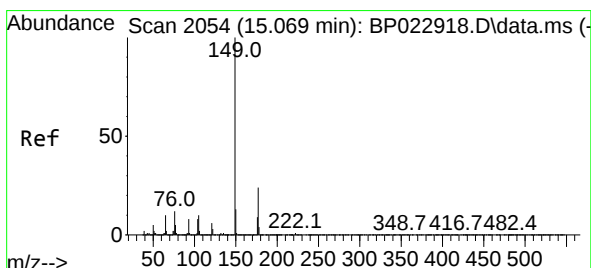
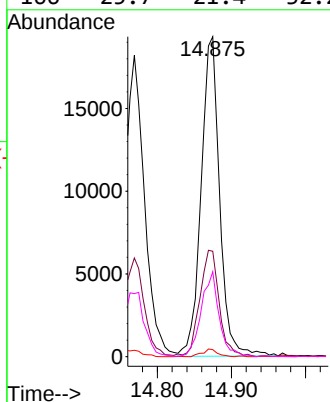
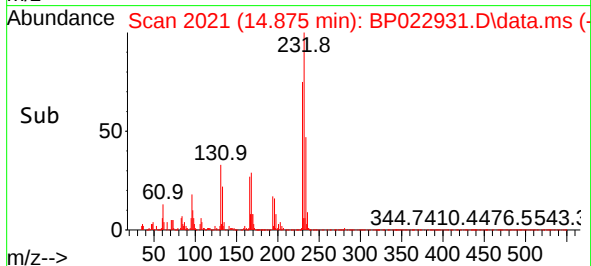
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:232 Resp: 3355
Ion Ratio Lower Upper
232 100
131 34.9 28.2 42.2
130 1.9 1.7 2.5
166 25.7 21.4 32.2

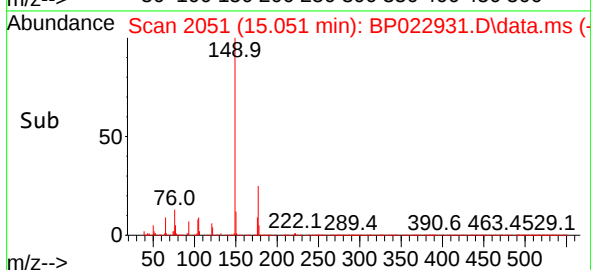
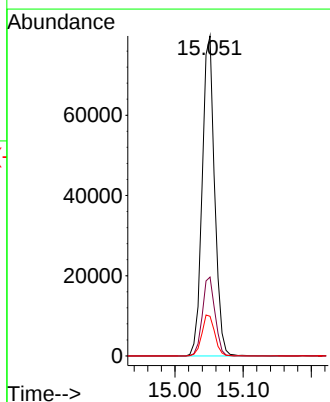
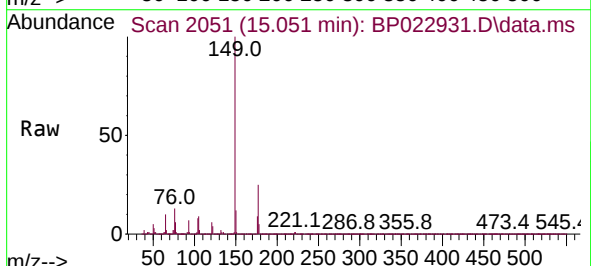
Manual Integrations
APPROVED

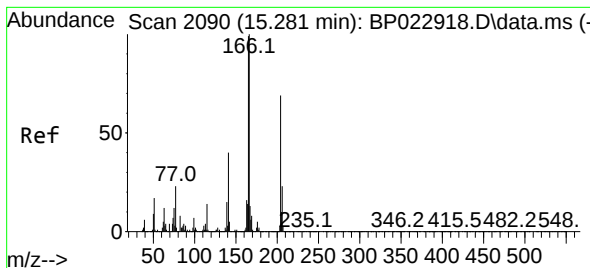
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 8.075 ng
RT: 15.051 min Scan# 2051
Delta R.T. -0.017 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

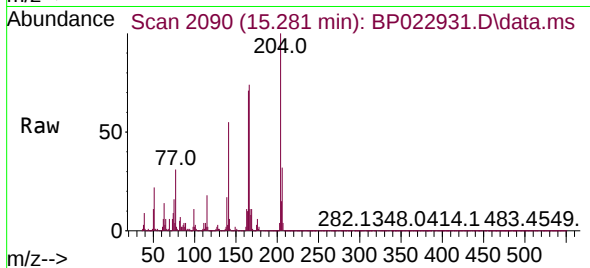
Tgt Ion:149 Resp: 100955
Ion Ratio Lower Upper
149 100
177 24.6 18.9 28.3
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 8.196 ng
RT: 15.281 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

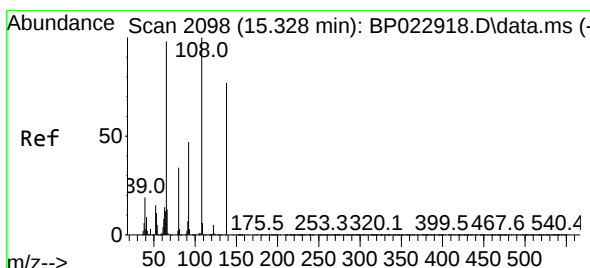
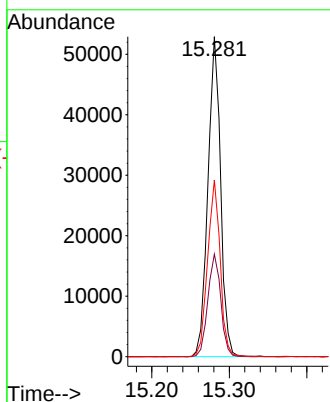
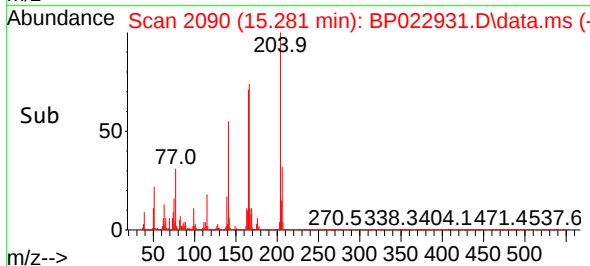
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



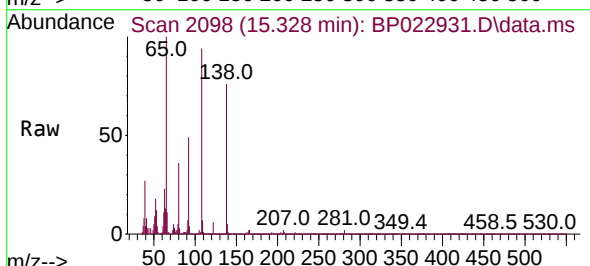
Tgt Ion:204 Resp: 59949
Ion Ratio Lower Upper
204 100
206 32.1 26.8 40.2
141 55.2 46.2 69.4

Manual Integrations
APPROVED

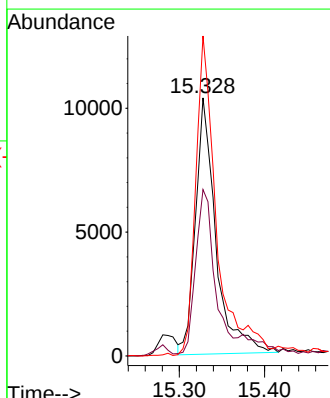
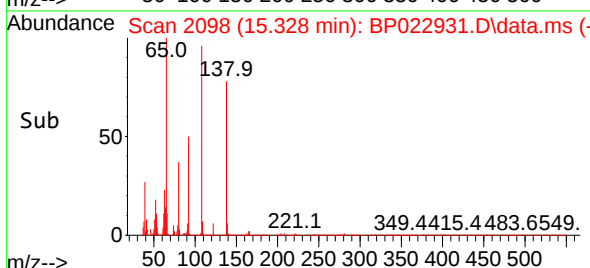
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

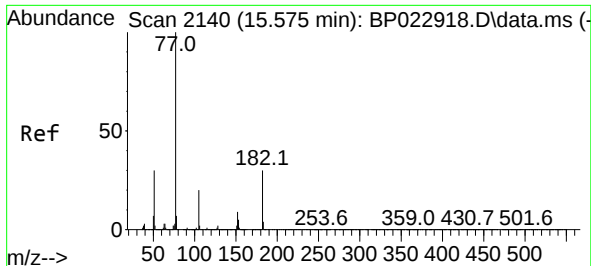


#62
4-Nitroaniline
Concen: 7.221 ng
RT: 15.328 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47



Tgt Ion:138 Resp: 17208
Ion Ratio Lower Upper
138 100
92 64.5 41.9 81.9
108 124.0 109.3 149.3





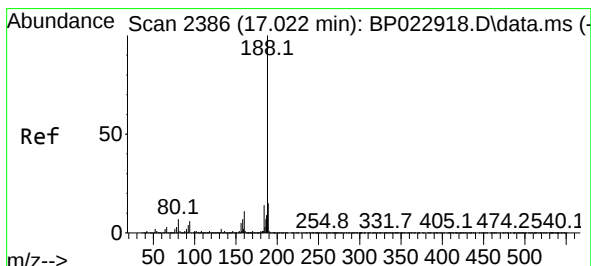
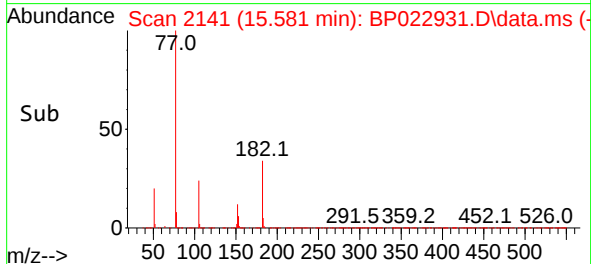
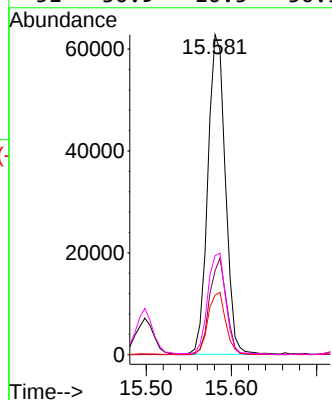
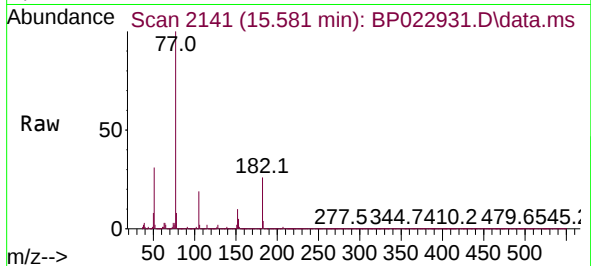
#63
Azobenzene
Concen: 8.328 ng
RT: 15.581 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion: 77	Resp: 89528
Ion Ratio	Lower Upper
77 100	
182 26.3	9.9 49.9
105 18.6	0.0 39.9
51 30.9	10.5 50.5

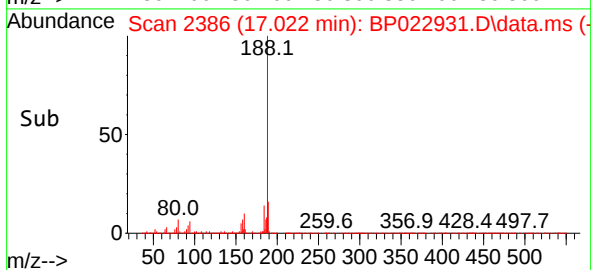
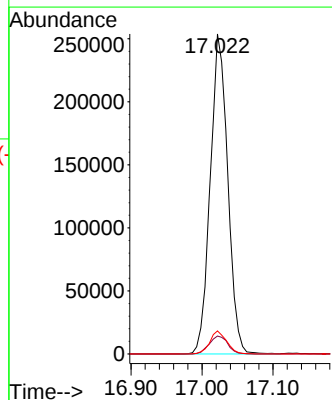
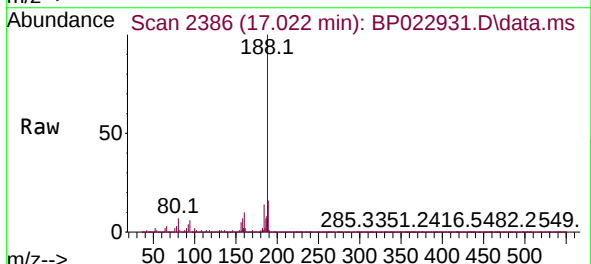
Manual Integrations
APPROVED

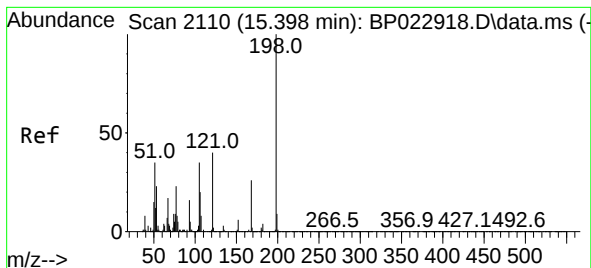
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.022 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:188	Resp: 434135
Ion Ratio	Lower Upper
188 100	
94 5.6	4.8 7.2
80 7.2	5.9 8.9





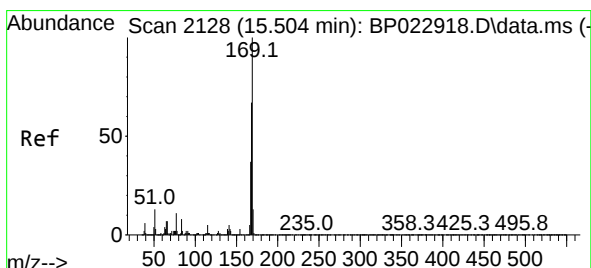
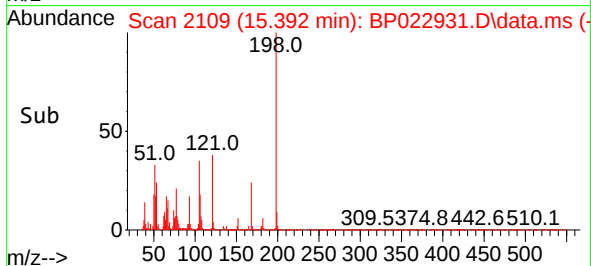
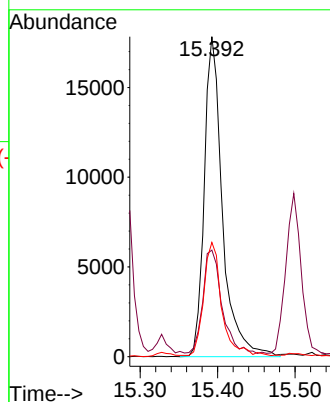
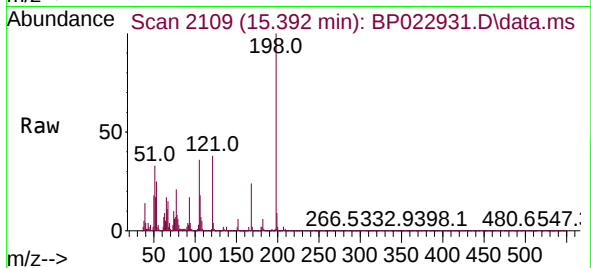
#65
4,6-Dinitro-2-methylphenol
Concen: 11.014 ng
RT: 15.392 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:198 Resp: 29090
Ion Ratio Lower Upper
198 100
51 33.3 17.4 57.4
105 35.7 15.4 55.4

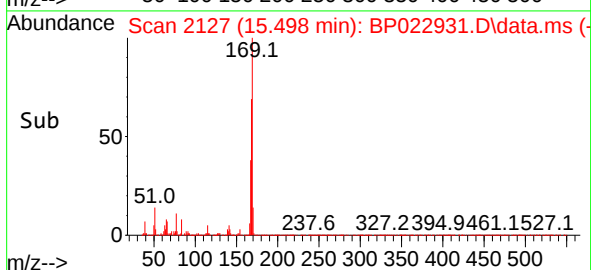
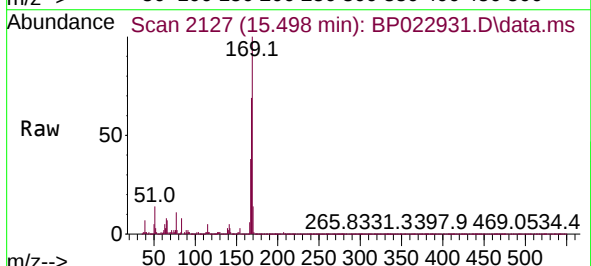
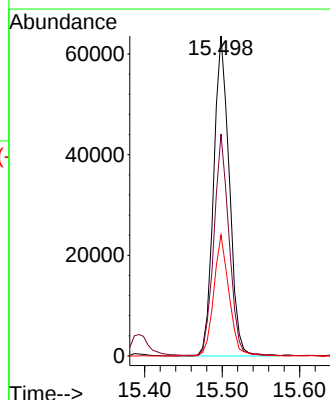
Manual Integrations
APPROVED

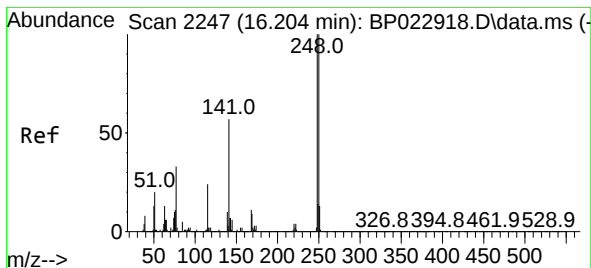
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 8.303 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:169 Resp: 89116
Ion Ratio Lower Upper
169 100
168 69.3 53.9 80.9
167 37.8 29.4 44.0





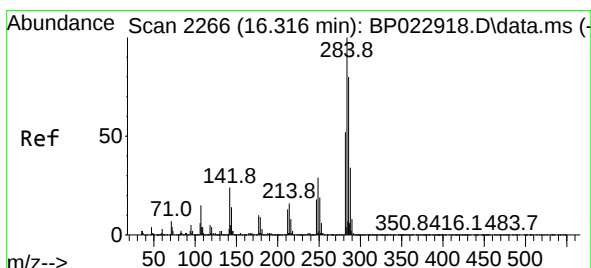
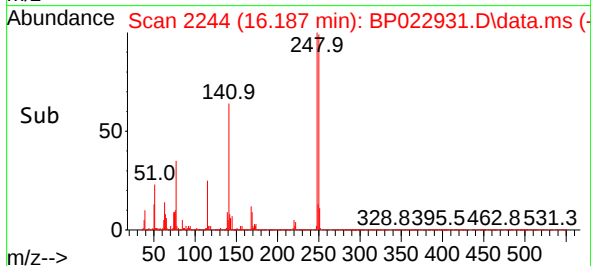
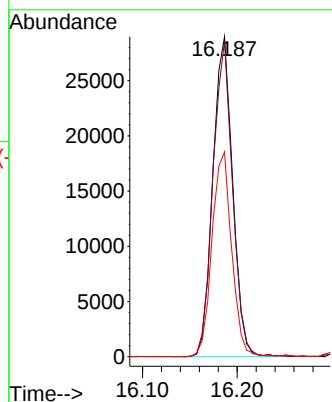
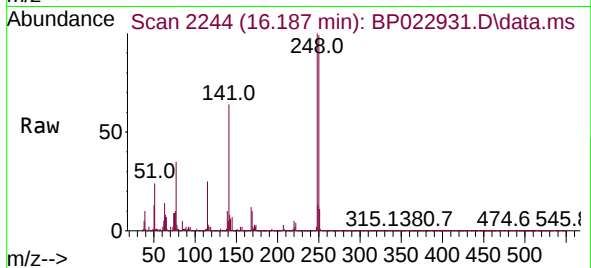
#67
4-Bromophenyl-phenylether
Concen: 8.067 ng
RT: 16.187 min Scan# 2244
Delta R.T. -0.017 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:248 Resp: 4200
Ion Ratio Lower Upper
248 100
250 98.6 79.8 119.6
141 64.0 45.2 67.8

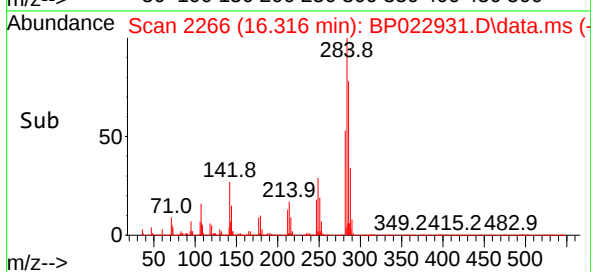
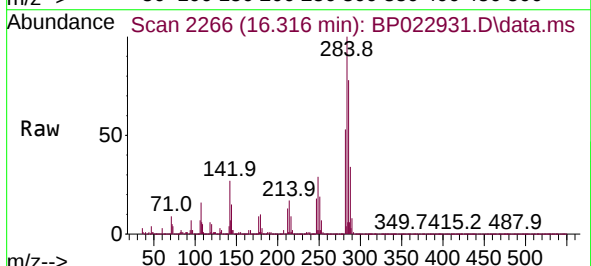
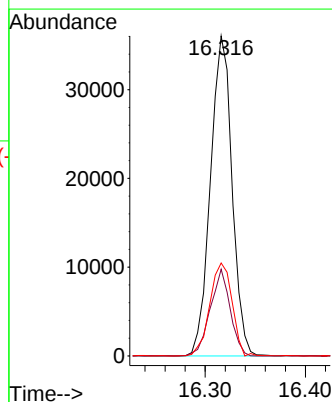
Manual Integrations
APPROVED

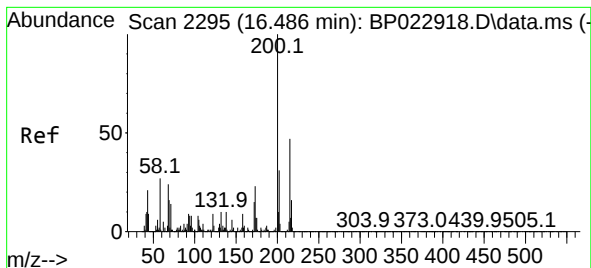
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 8.081 ng
RT: 16.316 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:284 Resp: 53894
Ion Ratio Lower Upper
284 100
142 27.1 19.0 28.4
249 29.0 23.0 34.6





#69

Atrazine

Concen: 10.562 ng

RT: 16.475 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

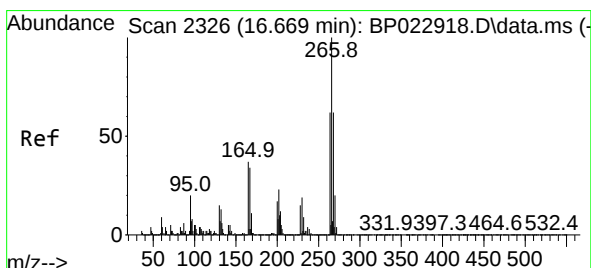
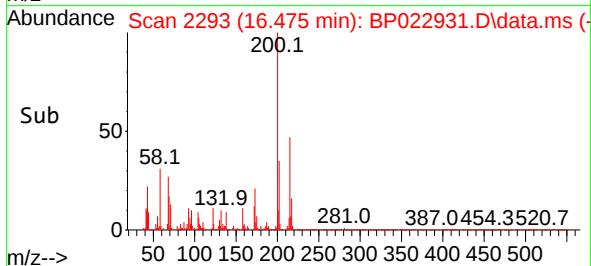
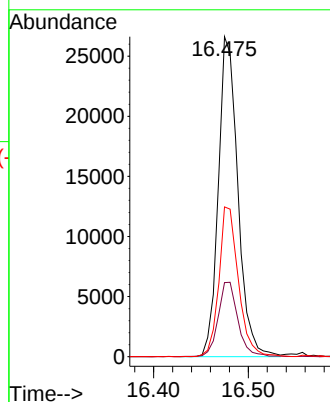
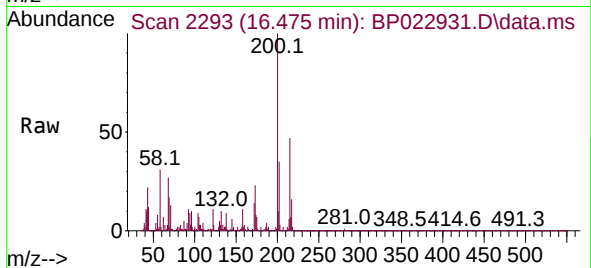
LOQ-SOIL-02-QT4-2024

Tgt Ion:200	Resp:	38209
Ion Ratio	Lower	Upper
200	100	
173	23.1	2.7 42.7
215	46.8	27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#70

Pentachlorophenol

Concen: 6.663 ng

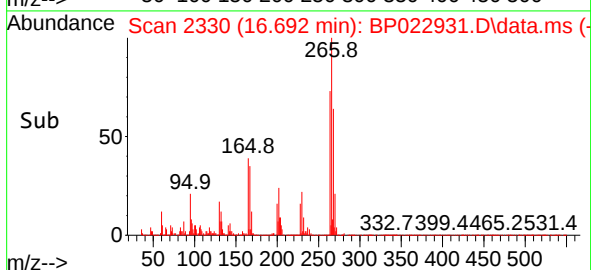
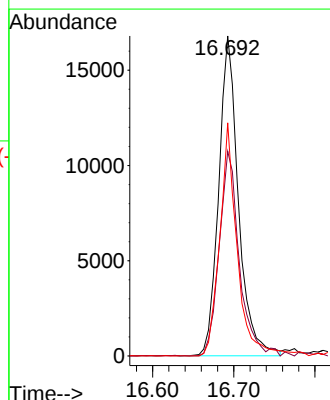
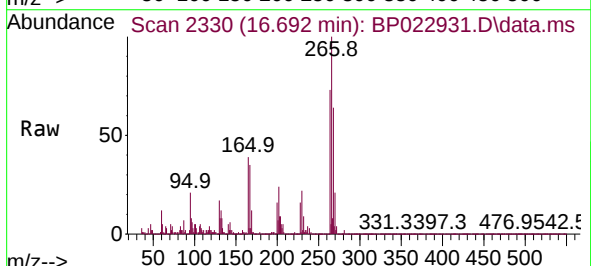
RT: 16.692 min Scan# 2330

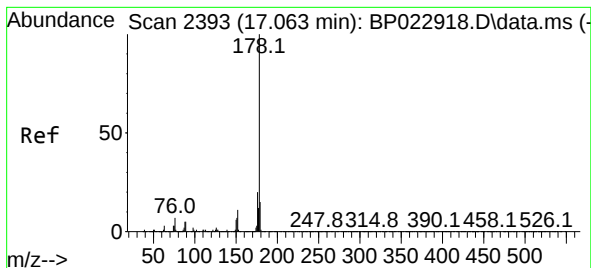
Delta R.T. 0.024 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:266	Resp:	28380
Ion Ratio	Lower	Upper
266	100	
268	64.0	49.9 74.9
264	72.9	49.7 74.5





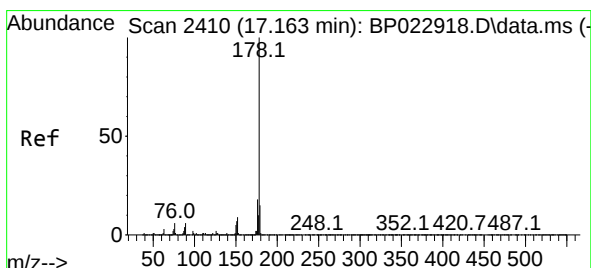
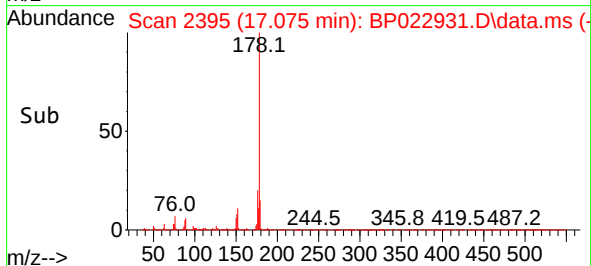
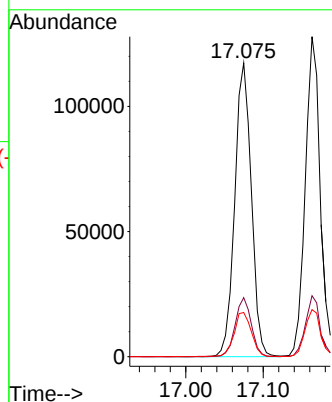
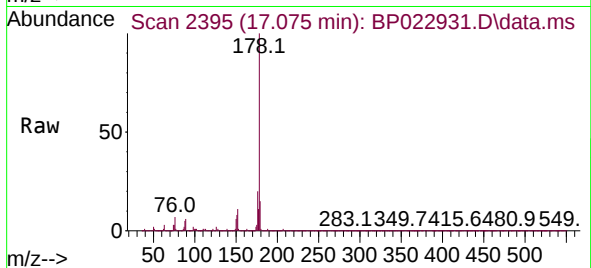
#71
Phenanthrene
Concen: 8.310 ng
RT: 17.075 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:178 Resp: 17458
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.0 12.0 18.0

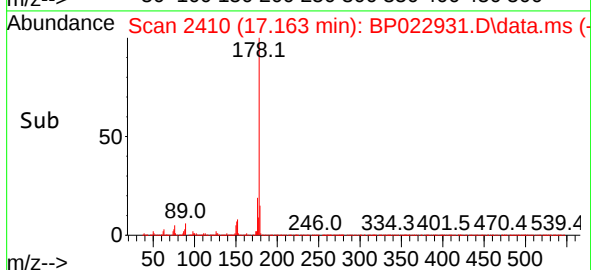
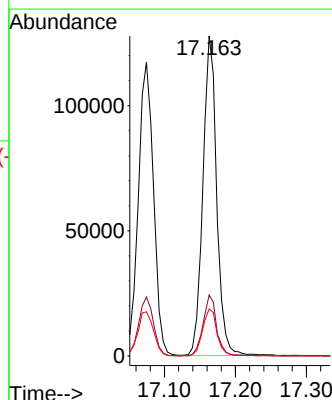
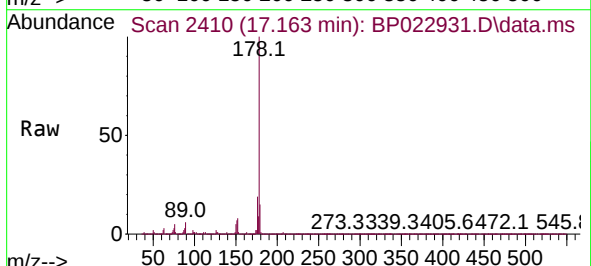
Manual Integrations
APPROVED

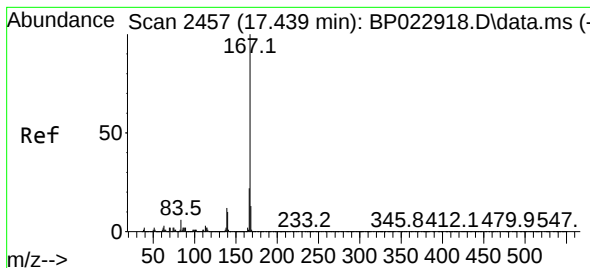
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#72
Anthracene
Concen: 8.568 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:178 Resp: 172769
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 14.7 12.3 18.5





#73

Carbazole

Concen: 8.119 ng

RT: 17.457 min Scan# 2457

Delta R.T. 0.018 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

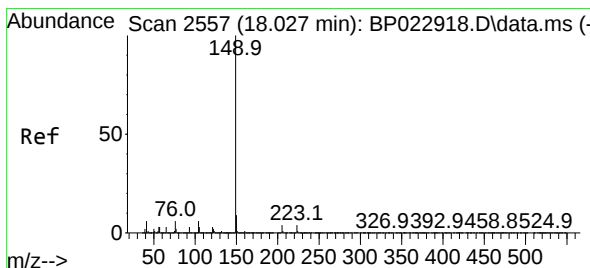
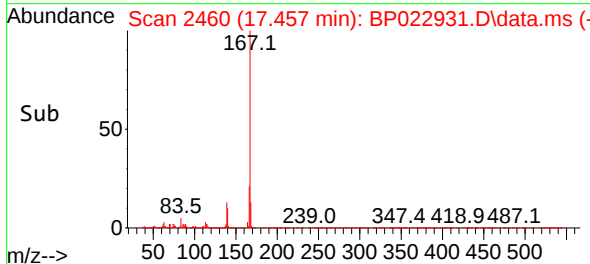
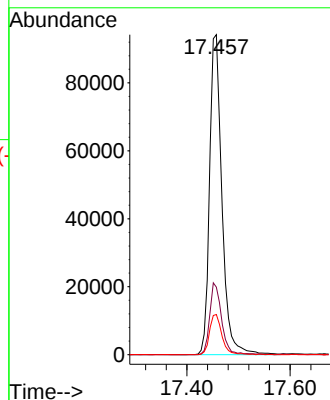
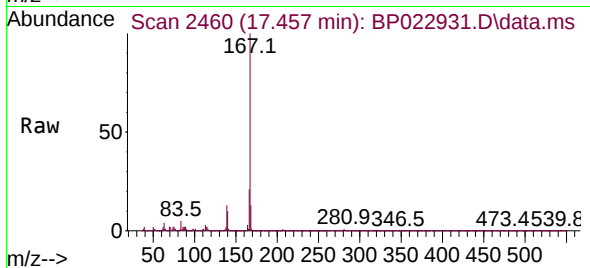
LOQ-SOIL-02-QT4-2024

Tgt Ion:	167	Resp:	15636
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.2
139	12.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#74

Di-n-butylphthalate

Concen: 7.553 ng

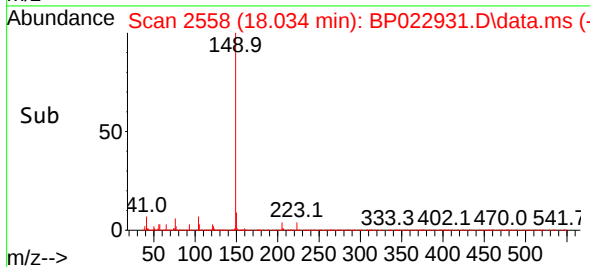
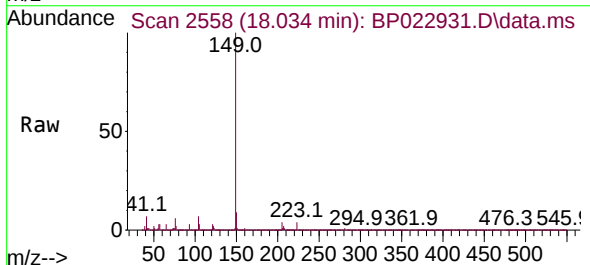
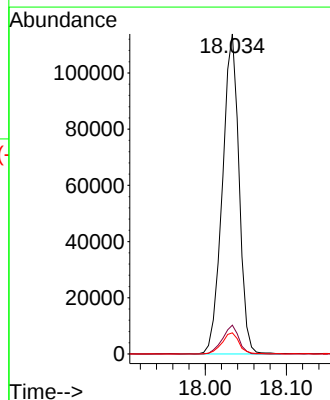
RT: 18.034 min Scan# 2558

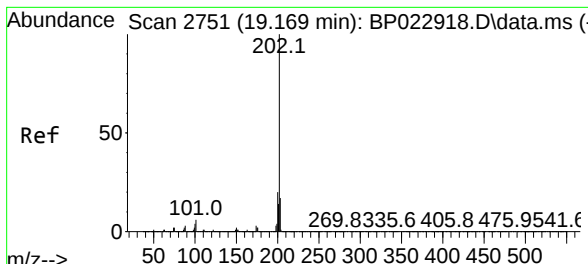
Delta R.T. 0.006 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:	149	Resp:	162103
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	6.6	4.8	7.2





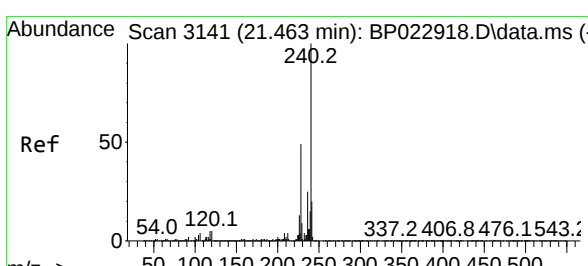
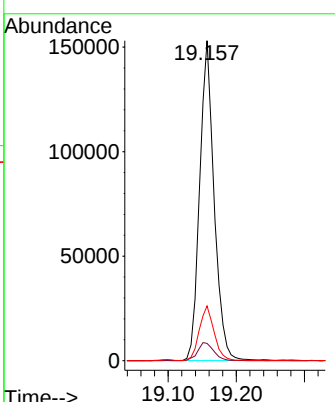
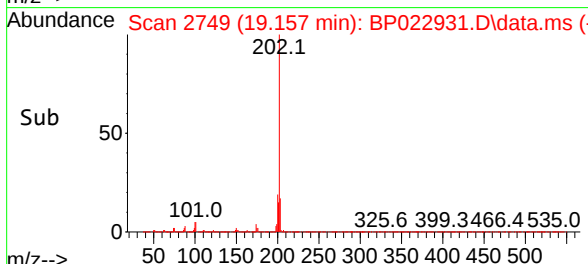
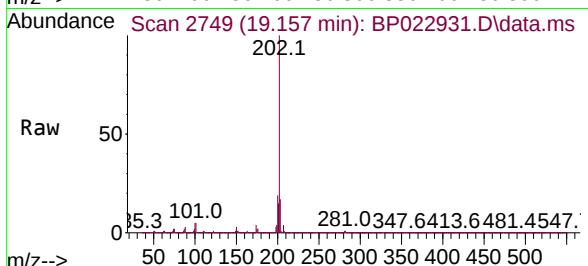
#75
 Fluoranthene
 Concen: 7.751 ng
 RT: 19.157 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP022931.D
 Acq: 08 Nov 2024 12:47

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

Tgt Ion:	202	Resp:	225894
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	25.5
203	17.1	0.0	37.2

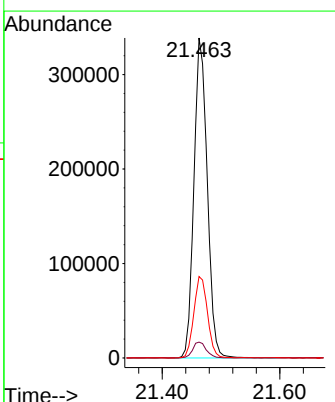
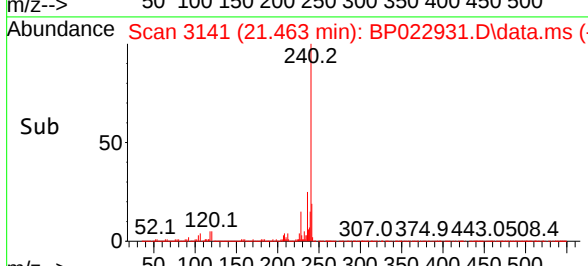
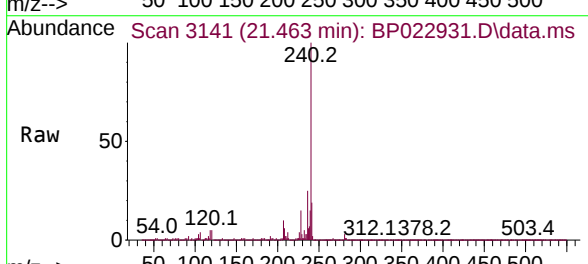
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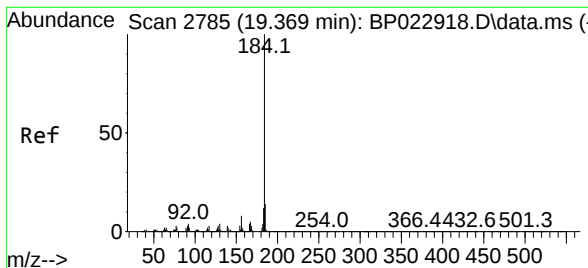
Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.463 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BP022931.D
 Acq: 08 Nov 2024 12:47

Tgt Ion:	240	Resp:	532168
Ion Ratio	Lower	Upper	
240	100		
120	5.0	4.2	6.2
236	25.4	20.4	30.6





#77

Benzidine

Concen: 9.290 ng

RT: 19.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

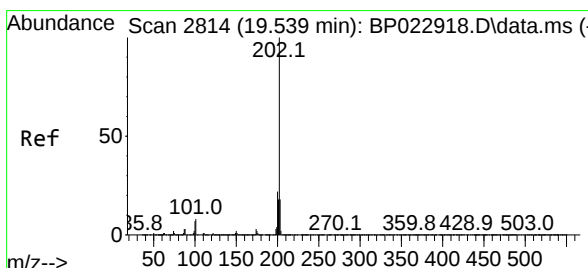
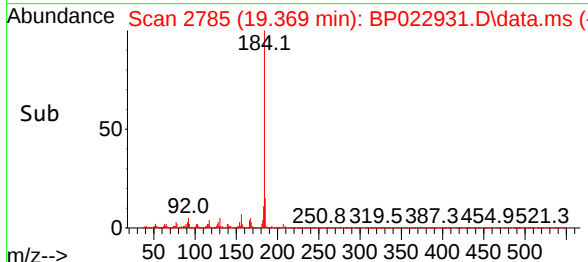
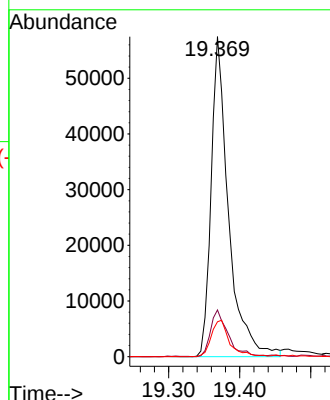
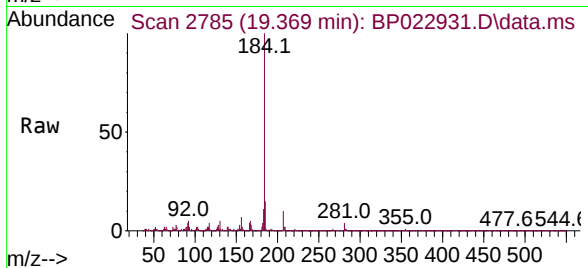
LOQ-SOIL-02-QT4-2024

Tgt Ion:184	Resp: 97679
Ion Ratio	Lower Upper
184 100	
185 14.6	11.3 16.9
183 10.9	9.7 14.5

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#78

Pyrene

Concen: 7.759 ng

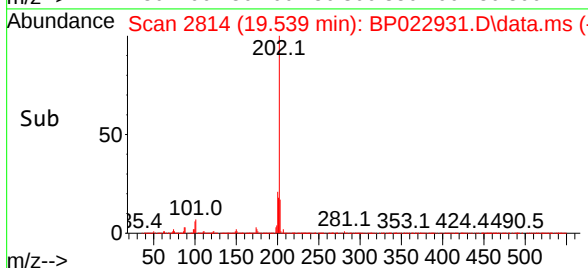
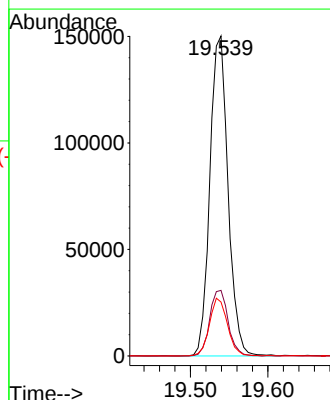
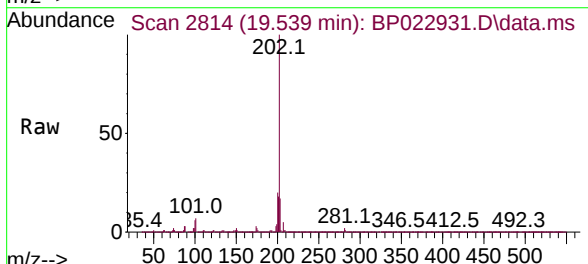
RT: 19.539 min Scan# 2814

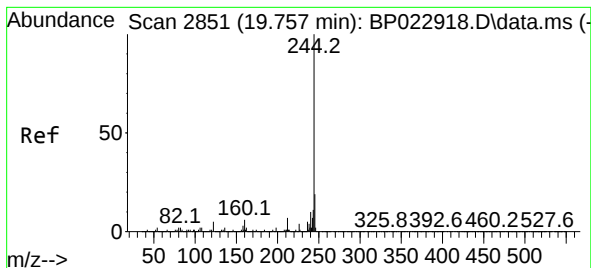
Delta R.T. 0.000 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:202	Resp: 244416
Ion Ratio	Lower Upper
202 100	
200 20.5	17.4 26.0
203 16.9	14.2 21.2





#79

Terphenyl-d14

Concen: 66.446 ng

RT: 19.763 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:244 Resp: 188286

Ion Ratio Lower Upper

244 100

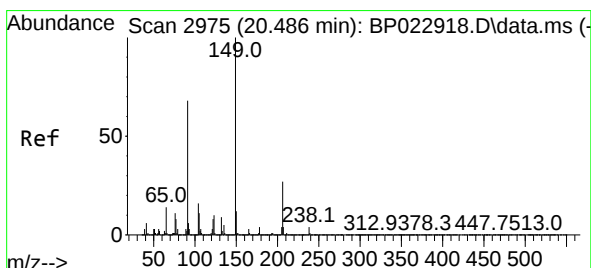
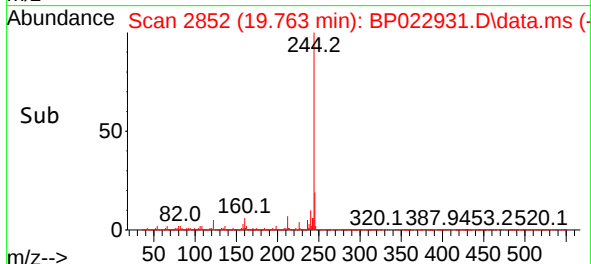
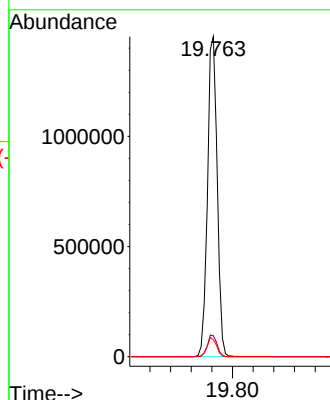
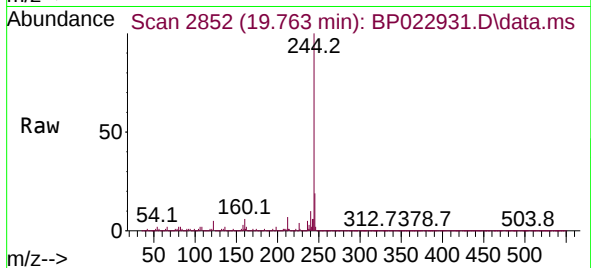
212 6.6 5.5 8.3

122 5.3 4.4 6.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#80

Butylbenzylphthalate

Concen: 7.116 ng

RT: 20.498 min Scan# 2977

Delta R.T. 0.012 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

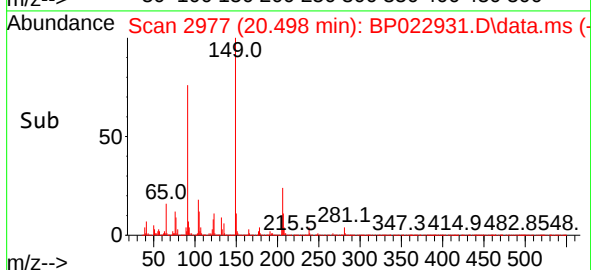
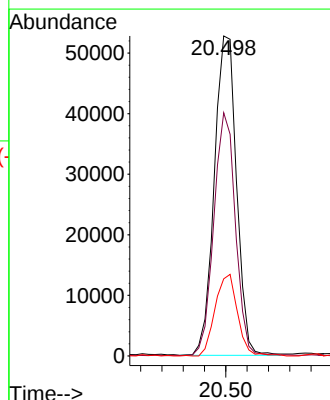
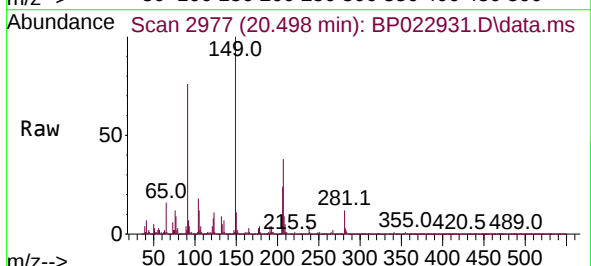
Tgt Ion:149 Resp: 76432

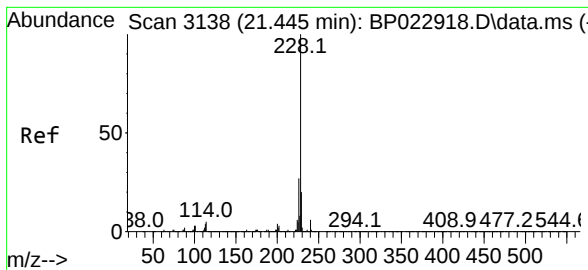
Ion Ratio Lower Upper

149 100

91 76.0 54.6 82.0

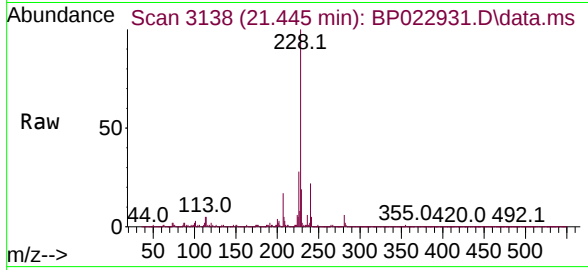
206 24.1 21.3 31.9





#81
Benzo(a)anthracene
Concen: 8.479 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

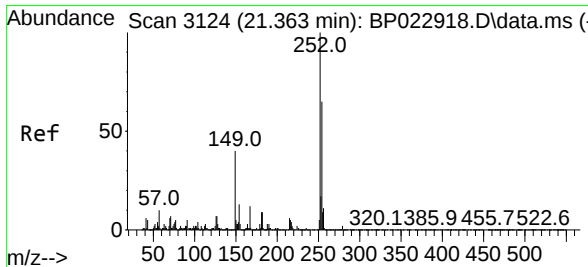
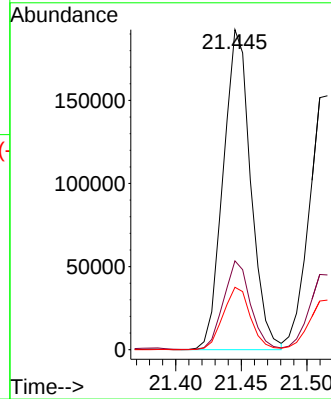
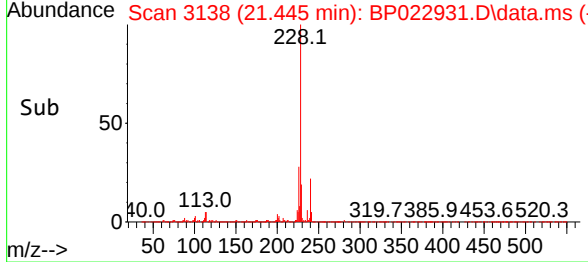
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:228 Resp: 280790
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 19.5 16.0 24.0

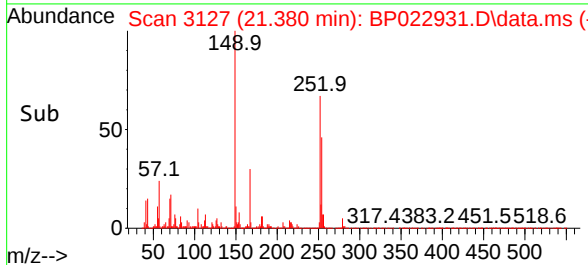
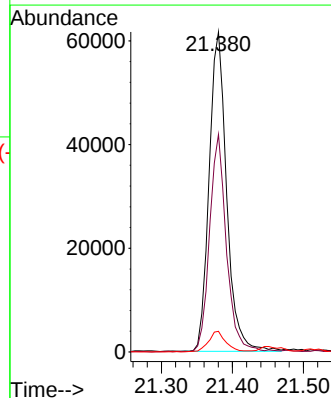
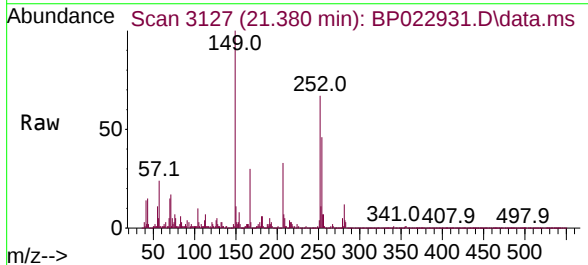
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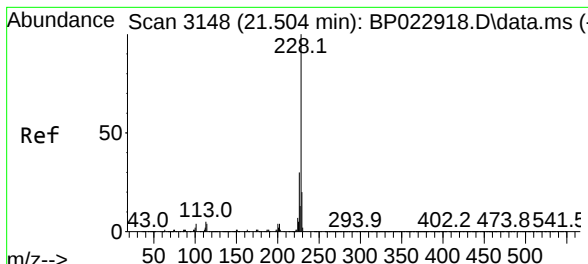
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#82
3,3'-Dichlorobenzidine
Concen: 7.881 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.018 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:252 Resp: 105650
Ion Ratio Lower Upper
252 100
254 68.0 51.7 77.5
126 6.4 5.4 8.0



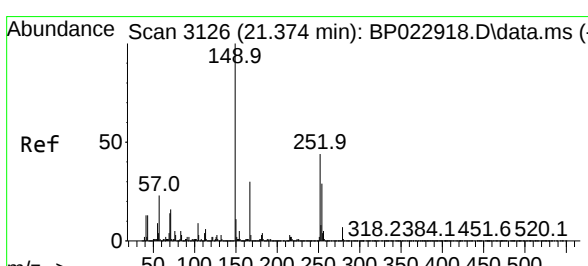
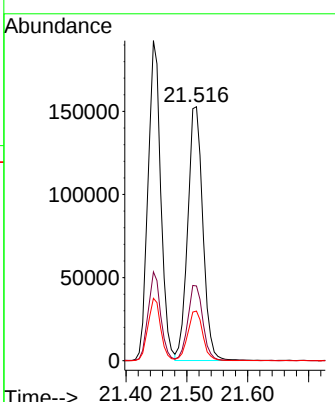
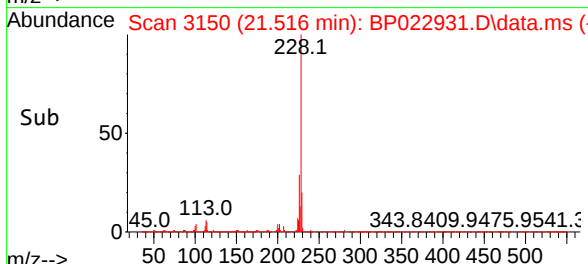
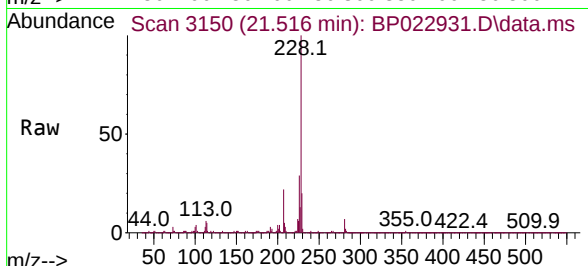


#83
 Chrysene
 Concen: 8.476 ng
 RT: 21.516 min Scan# 3148
 Delta R.T. 0.012 min
 Lab File: BP022931.D
 Acq: 08 Nov 2024 12:47

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

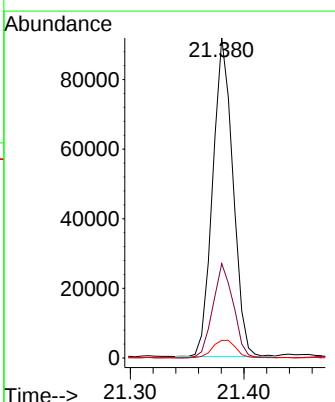
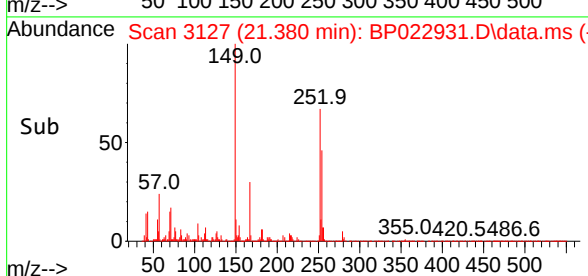
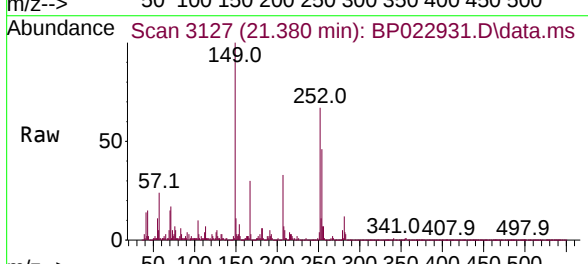
Tgt Ion:	228	Resp:	26291
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.8	35.6
229	19.6	15.8	23.8

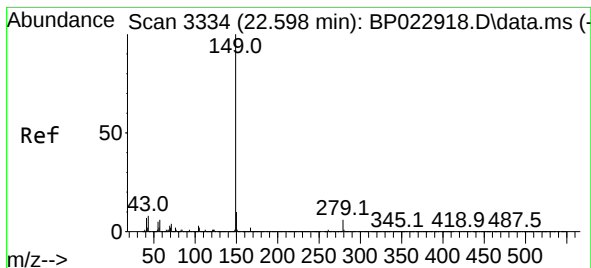
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 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.360 ng
 RT: 21.380 min Scan# 3127
 Delta R.T. 0.006 min
 Lab File: BP022931.D
 Acq: 08 Nov 2024 12:47

Tgt Ion:	149	Resp:	113440
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.7	35.5
279	5.5	5.3	7.9





#85

Di-n-octyl phthalate

Concen: 7.706 ng

RT: 22.616 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

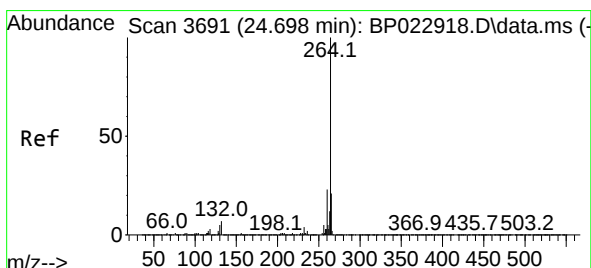
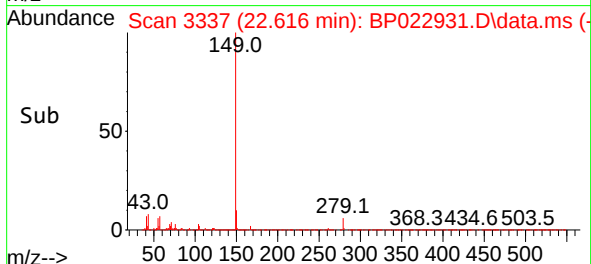
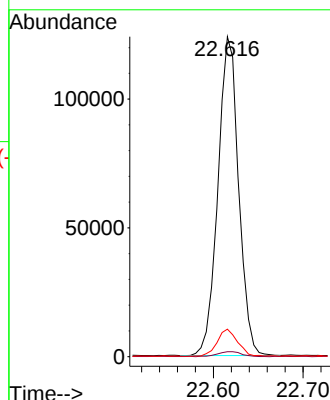
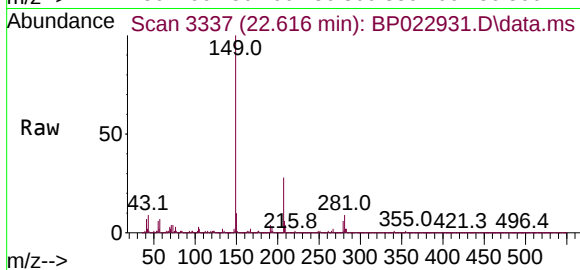
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:	149	Resp:	19848
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.5	6.3	9.5

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Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#86

Perylene-d12

Concen: 20.000 ng

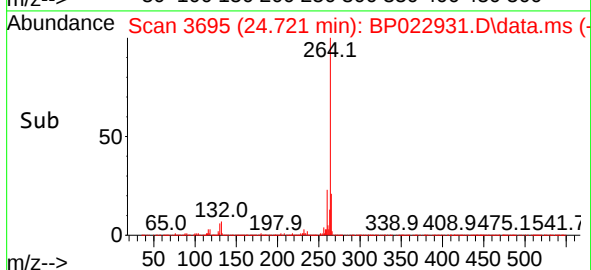
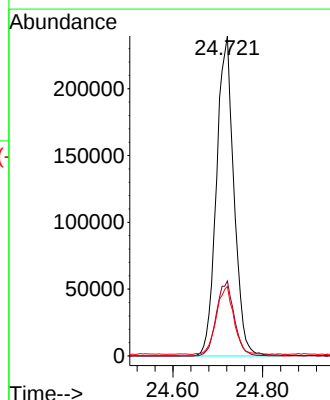
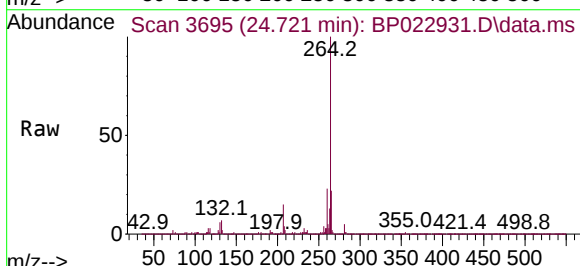
RT: 24.721 min Scan# 3695

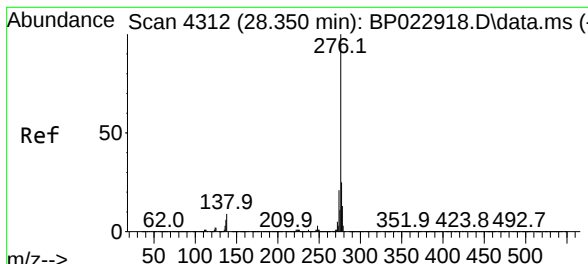
Delta R.T. 0.024 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

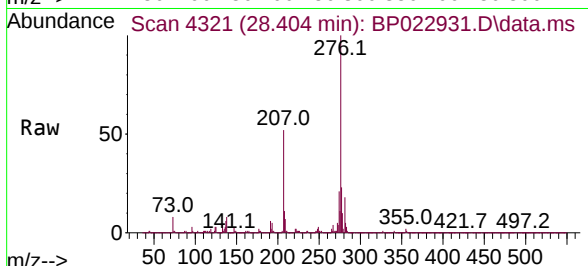
Tgt Ion:	264	Resp:	645571
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.6	28.0
265	21.7	17.4	26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.626 ng
 RT: 28.404 min Scan# 4312
 Delta R.T. 0.053 min
 Lab File: BP022931.D
 Acq: 08 Nov 2024 12:47

Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2024

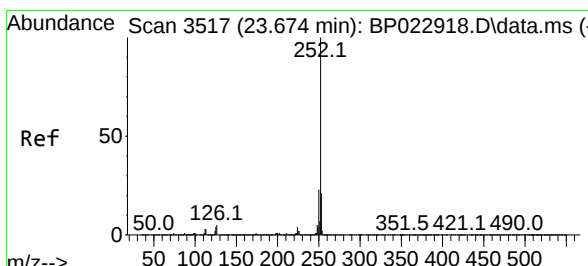
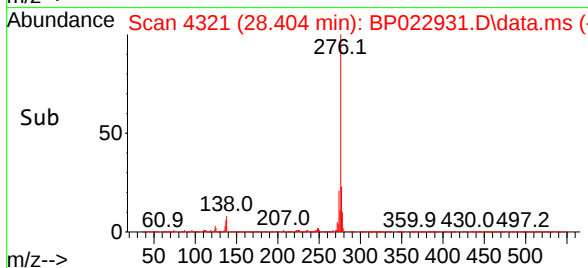
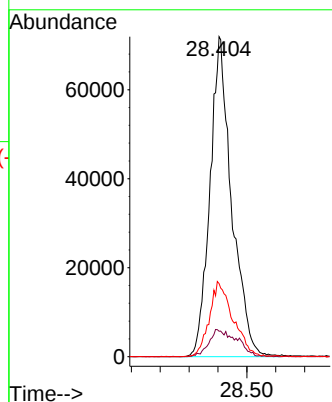


Tgt Ion: 276 Resp: 375584

Ion	Ratio	Lower	Upper
276	100		
138	10.9	8.7	13.1
277	25.5	20.3	30.5

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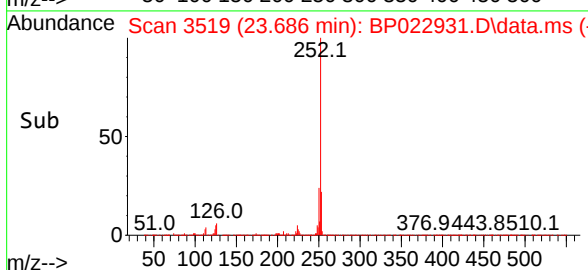
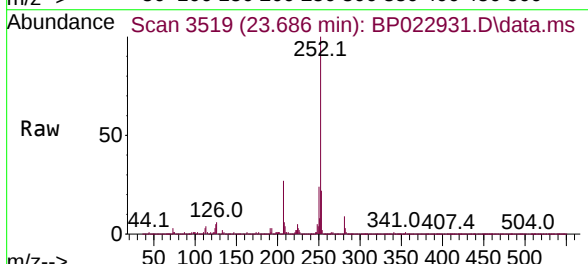
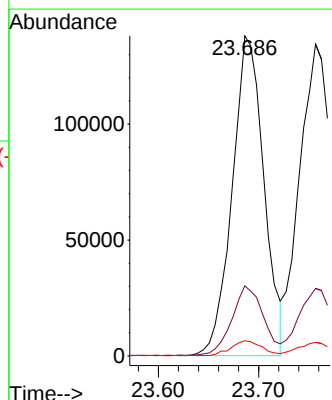
Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

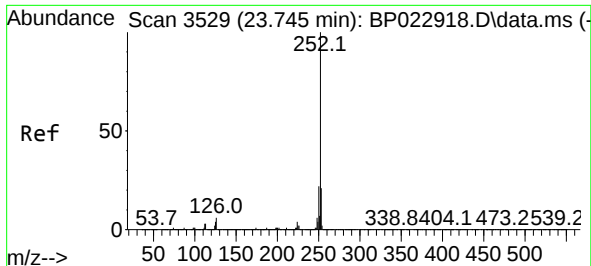


#88
 Benzo(b)fluoranthene
 Concen: 7.985 ng
 RT: 23.686 min Scan# 3519
 Delta R.T. 0.012 min
 Lab File: BP022931.D
 Acq: 08 Nov 2024 12:47

Tgt Ion: 252 Resp: 302850

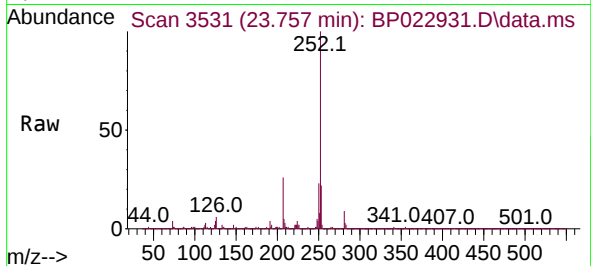
Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	4.8	3.2	4.8





#89
Benzo(k)fluoranthene
Concen: 8.639 ng
RT: 23.757 min Scan# 3529
Delta R.T. 0.012 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

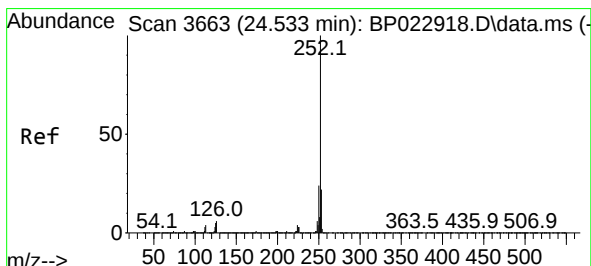
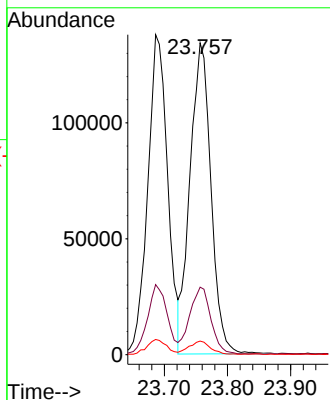
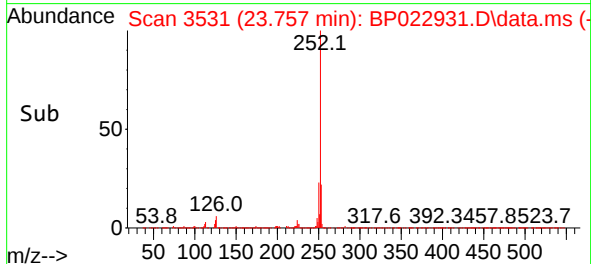
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:252 Resp: 309378
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 4.3 3.4 5.2

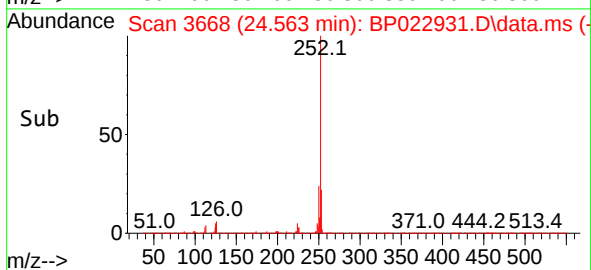
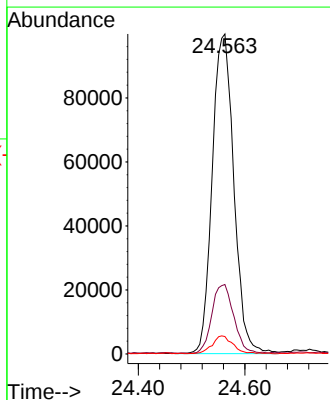
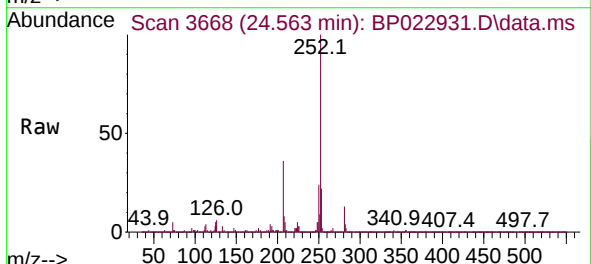
Manual Integrations
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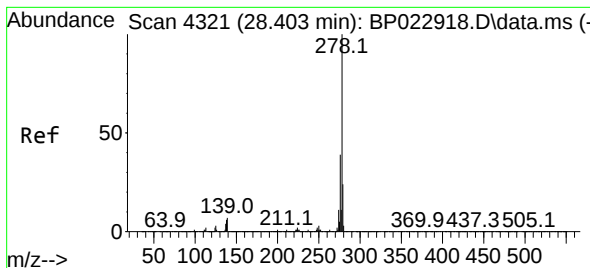
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 8.676 ng
RT: 24.563 min Scan# 3668
Delta R.T. 0.030 min
Lab File: BP022931.D
Acq: 08 Nov 2024 12:47

Tgt Ion:252 Resp: 281554
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 5.4 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 8.572 ng

RT: 28.462 min Scan# 41

Delta R.T. 0.059 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:278 Resp: 306090

Ion Ratio Lower Upper

278 100

139 7.1 5.4 8.2

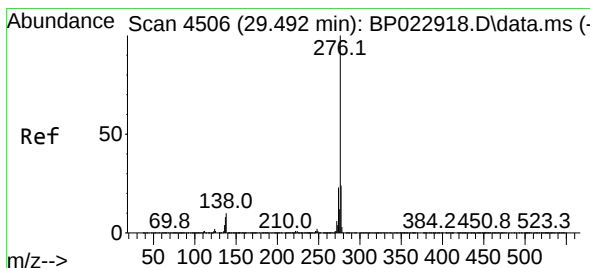
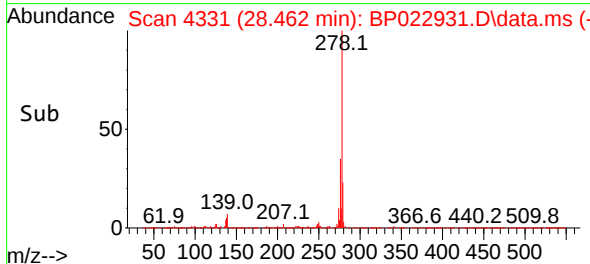
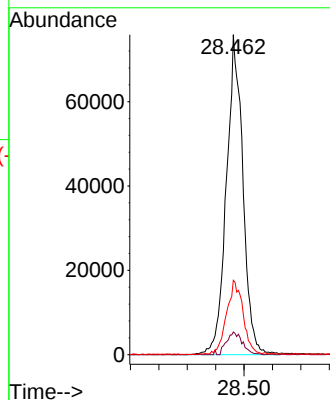
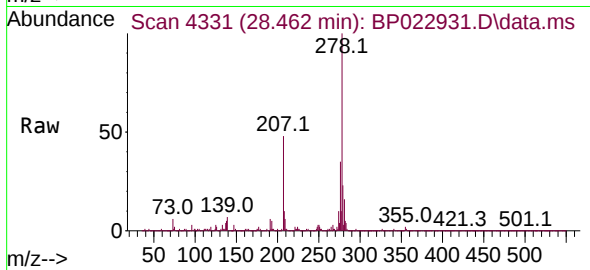
279 23.2 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#92

Benzo(g,h,i)perylene

Concen: 7.861 ng m

RT: 29.509 min Scan# 4509

Delta R.T. 0.018 min

Lab File: BP022931.D

Acq: 08 Nov 2024 12:47

Tgt Ion:276 Resp: 287603

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 9.9 7.6 11.4

