

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
 Data File : BP022927.D
 Acq On : 08 Nov 2024 09:55
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 10:19:40 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	56485	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	210508	20.000	ng	0.00
39) Acenaphthene-d10	14.222	164	178269	20.000	ng	0.00
64) Phenanthrene-d10	17.027	188	467156	20.000	ng	0.00
76) Chrysene-d12	21.457	240	569950	20.000	ng	0.00
86) Perylene-d12	24.686	264	687342	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	326647	109.746	ng	0.00
7) Phenol-d6	6.793	99	444233	107.024	ng	0.00
23) Nitrobenzene-d5	8.740	82	370379	83.123	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	433213	125.372	ng	-0.01
45) 2-Fluorobiphenyl	12.822	172	1013656	81.246	ng	0.00
79) Terphenyl-d14	19.757	244	2457218	80.967	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	5652	4.756	ng	# 95
3) Pyridine	3.593	79	12205	3.741	ng	# 94
4) n-Nitrosodimethylamine	3.493	42	7344	4.669	ng	# 91
6) Aniline	6.940	93	19450	5.621	ng	97
8) 2-Chlorophenol	7.175	128	14392	4.613	ng	94
9) Benzaldehyde	6.763	77	15723	6.554	ng	93
10) Phenol	6.816	94	19067	4.638	ng	# 75
11) bis(2-Chloroethyl)ether	7.034	93	14961	4.817	ng	93
12) 1,3-Dichlorobenzene	7.487	146	18347	4.608	ng	98
13) 1,4-Dichlorobenzene	7.634	146	18986	4.670	ng	91
14) 1,2-Dichlorobenzene	7.940	146	18474	4.700	ng	98
15) Benzyl Alcohol	7.845	79	12664	4.028	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.104	45	16493	4.895	ng	98
17) 2-Methylphenol	8.051	107	11940	4.279	ng	95
18) Hexachloroethane	8.645	117	7074	4.703	ng	92
19) n-Nitroso-di-n-propyla...	8.387	70	13728	4.832	ng	# 91
20) 3+4-Methylphenols	8.387	107	15756	4.040	ng	93
22) Acetophenone	8.410	105	26443	4.719	ng	# 94
24) Nitrobenzene	8.781	77	23086	5.101	ng	94
25) Isophorone	9.298	82	35088	4.653	ng	99
26) 2-Nitrophenol	9.492	139	7588	4.083	ng	95
27) 2,4-Dimethylphenol	9.557	122	7498m	3.533	ng	
28) bis(2-Chloroethoxy)met...	9.775	93	19618	4.580	ng	99
29) 2,4-Dichlorophenol	10.045	162	15585	4.242	ng	85
30) 1,2,4-Trichlorobenzene	10.210	180	21071	4.487	ng	86
31) Naphthalene	10.398	128	46801	4.437	ng	98
32) Benzoic acid	9.675	122	8886m	3.487	ng	
33) 4-Chloroaniline	10.534	127	17280	4.603	ng	97
34) Hexachlorobutadiene	10.669	225	15312	4.445	ng	94
35) Caprolactam	11.304	113	4666m	4.243	ng	
36) 4-Chloro-3-methylphenol	11.669	107	16610	4.055	ng	88
37) 2-Methylnaphthalene	12.016	142	36173	4.579	ng	94
38) 1-Methylnaphthalene	12.228	142	33340	4.252	ng	99
40) 1,2,4,5-Tetrachloroben...	12.392	216	27150	4.499	ng	97
41) Hexachlorocyclopentadiene	12.357	237	2794	1.648	ng	92
43) 2,4,6-Trichlorophenol	12.645	196	15803	4.117	ng	99

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Instrument :
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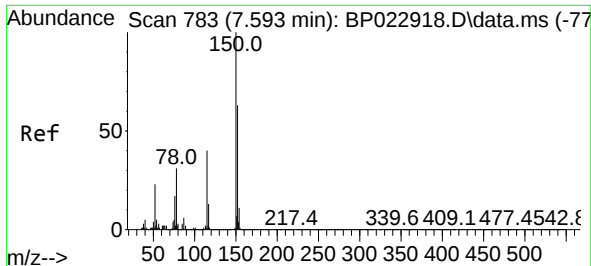
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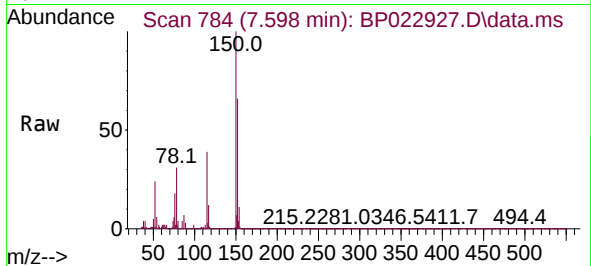
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	17621m	4.033	ng	
46) 1,1'-Biphenyl	13.033	154	56143	4.738	ng	96
47) 2-Chloronaphthalene	13.080	162	43544	4.428	ng	99
48) 2-Nitroaniline	13.304	65	11718	4.090	ng	96
49) Acenaphthylene	13.939	152	64876	4.724	ng	97
50) Dimethylphthalate	13.669	163	59132	4.530	ng	99
51) 2,6-Dinitrotoluene	13.810	165	11647	3.924	ng	# 82
52) Acenaphthene	14.286	154	37405	4.235	ng	96
53) 3-Nitroaniline	14.157	138	9153	3.796	ng	96
54) 2,4-Dinitrophenol	14.375	184	5659	3.073	ng	92
55) Dibenzofuran	14.627	168	71721	4.624	ng	98
56) 4-Nitrophenol	14.527	139	6464m	3.259	ng	
57) 2,4-Dinitrotoluene	14.622	165	15683	3.655	ng	# 79
58) Fluorene	15.292	166	57402	4.455	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.874	232	19015	4.512	ng	99
60) Diethylphthalate	15.057	149	59734	4.602	ng	99
61) 4-Chlorophenyl-phenyle...	15.286	204	34269	4.512	ng	97
62) 4-Nitroaniline	15.333	138	9519m	3.847	ng	
63) Azobenzene	15.592	77	50205	4.498	ng	99
65) 4,6-Dinitro-2-methylph...	15.404	198	9837	3.461	ng	96
66) n-Nitrosodiphenylamine	15.510	169	48704	4.217	ng	97
67) 4-Bromophenyl-phenylether	16.192	248	24903	4.445	ng	95
68) Hexachlorobenzene	16.321	284	32124	4.476	ng	99
69) Atrazine	16.480	200	22604	5.806	ng	94
70) Pentachlorophenol	16.698	266	17230	3.759	ng	88
71) Phenanthrene	17.074	178	104285	4.613	ng	99
72) Anthracene	17.163	178	92265	4.252	ng	98
73) Carbazole	17.451	167	87281	4.212	ng	99
74) Di-n-butylphthalate	18.039	149	94183	4.078	ng	98
75) Fluoranthene	19.163	202	130996	4.177	ng	98
77) Benzidine	19.368	184	34451	3.059	ng	96
78) Pyrene	19.539	202	141053	4.181	ng	99
80) Butylbenzylphthalate	20.492	149	43843	3.811	ng	97
81) Benzo(a)anthracene	21.439	228	159123	4.487	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	56090	3.907	ng	98
83) Chrysene	21.504	228	153216	4.612	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	64831	3.927	ng	97
85) Di-n-octyl phthalate	22.592	149	116172	4.211	ng	100
87) Indeno(1,2,3-cd)pyrene	28.339	276	223873	4.829	ng	# 83
88) Benzo(b)fluoranthene	23.668	252	176823	4.379	ng	99
89) Benzo(k)fluoranthene	23.733	252	176116	4.619	ng	97
90) Benzo(a)pyrene	24.539	252	160498	4.645	ng	99
91) Dibenzo(a,h)anthracene	28.397	278	183517	4.827	ng	98
92) Benzo(g,h,i)perylene	29.503	276	173735	4.460	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.598 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: BP022927.D
 Acq: 08 Nov 2024 09:55

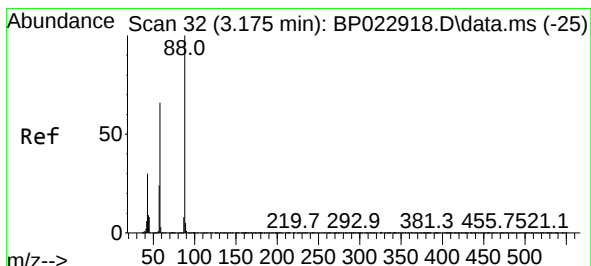
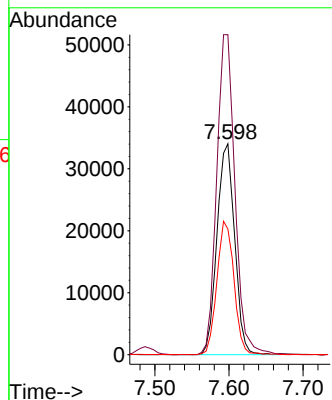
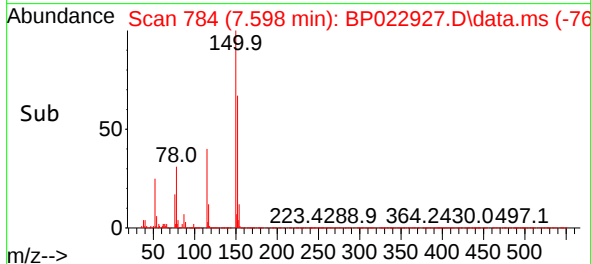
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion: 152 Resp: 5648
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.0 190.4
 115 59.6 50.5 75.7

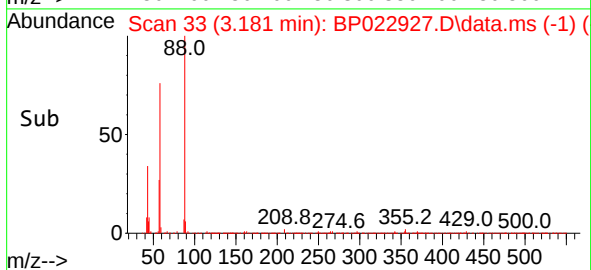
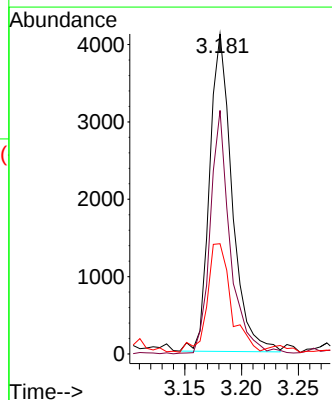
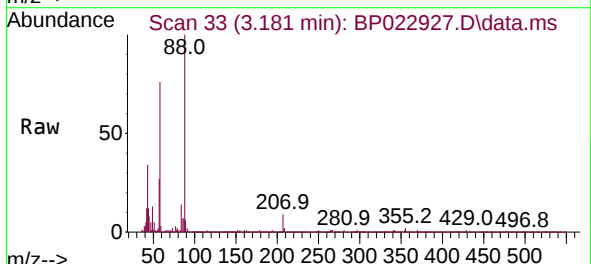
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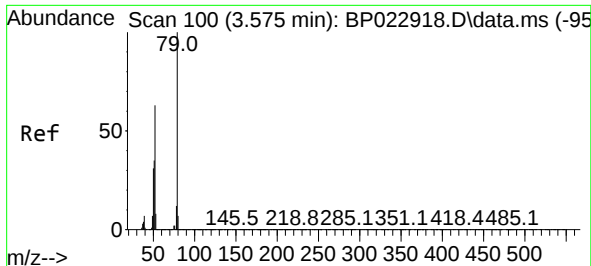
Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#2
 1,4-Dioxane
 Concen: 4.756 ng
 RT: 3.181 min Scan# 33
 Delta R.T. 0.006 min
 Lab File: BP022927.D
 Acq: 08 Nov 2024 09:55

Tgt Ion: 88 Resp: 5652
 Ion Ratio Lower Upper
 88 100
 58 67.8 52.8 79.2
 43 35.6 23.4 35.0#





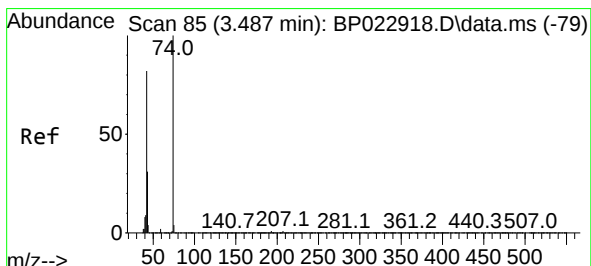
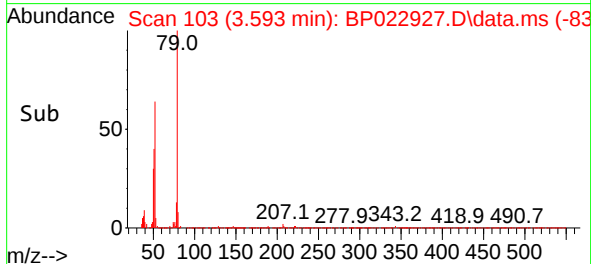
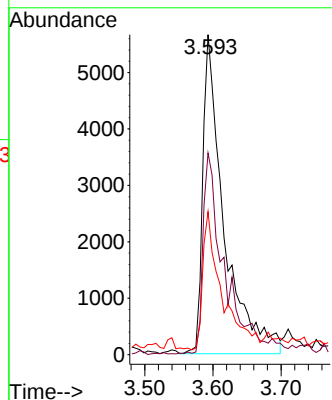
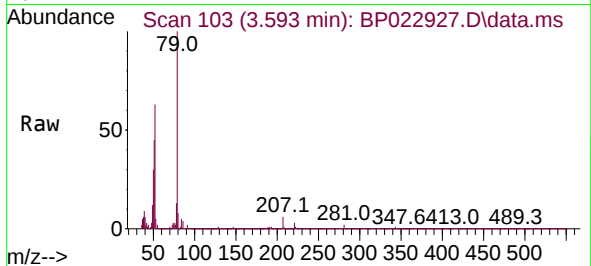
#3
Pyridine
Concen: 3.741 ng
RT: 3.593 min Scan# 103
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion: 79 Resp: 1220
Ion Ratio Lower Upper
79 100
52 63.1 50.4 75.6
51 44.7 28.6 43.0

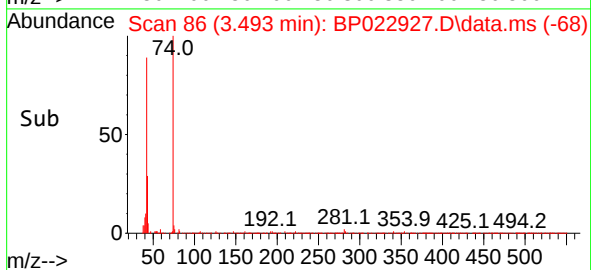
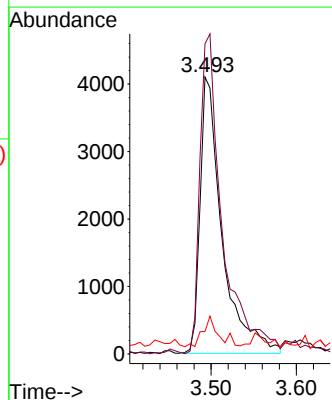
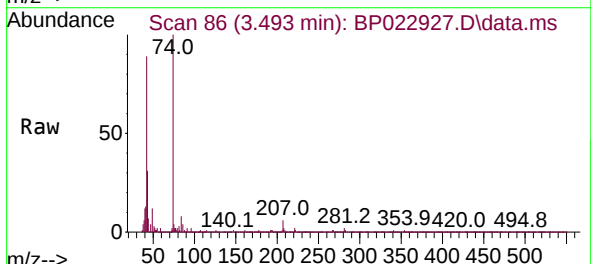
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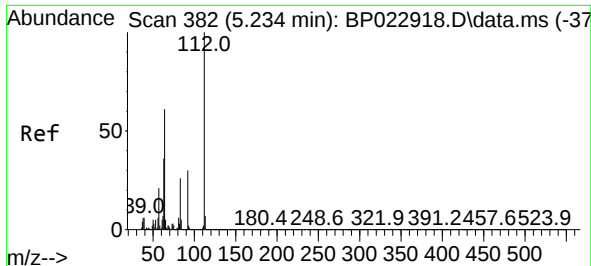
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Supervised By :mohammad ahmed 11/11/2024



#4
n-Nitrosodimethylamine
Concen: 4.669 ng
RT: 3.493 min Scan# 86
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion: 42 Resp: 7344
Ion Ratio Lower Upper
42 100
74 112.1 97.7 146.5
44 8.2 4.5 6.7





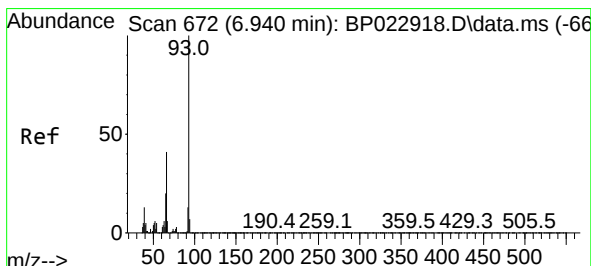
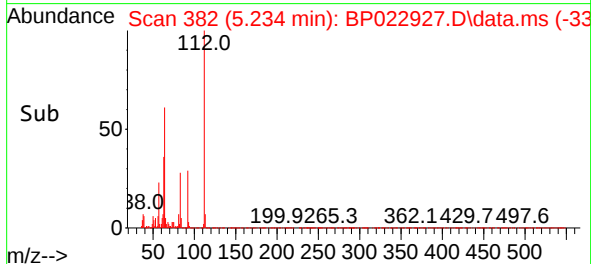
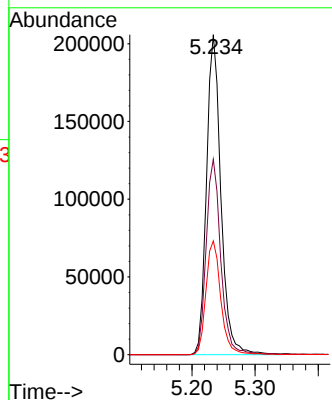
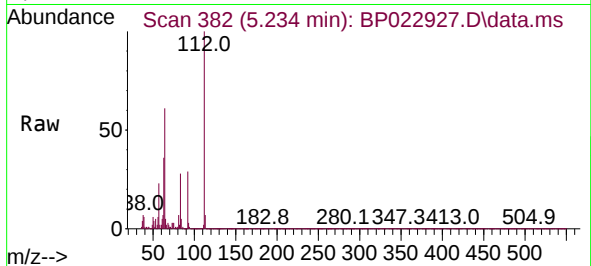
#5
2-Fluorophenol
Concen: 109.746 ng
RT: 5.234 min Scan# 382
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion: 112 Resp: 32664
Ion Ratio Lower Upper
112 100
64 61.0 48.7 73.1
63 35.6 29.0 43.4

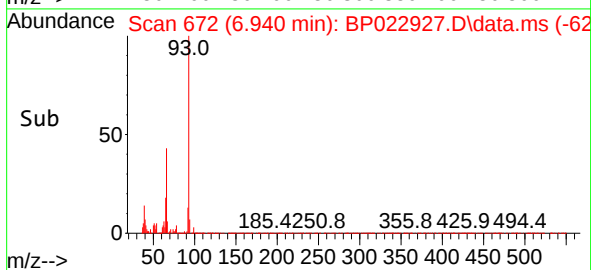
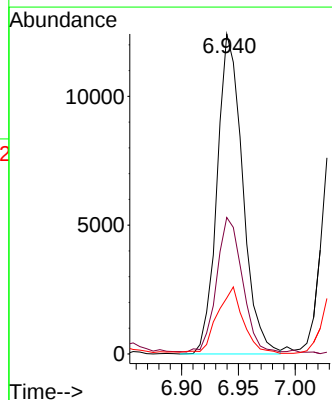
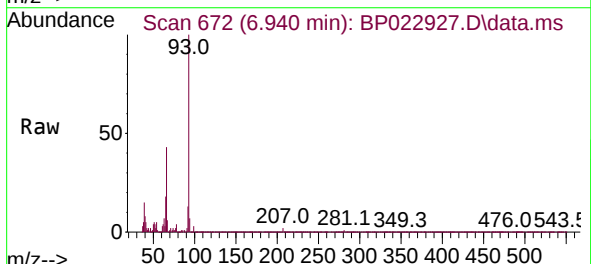
Manual Integrations
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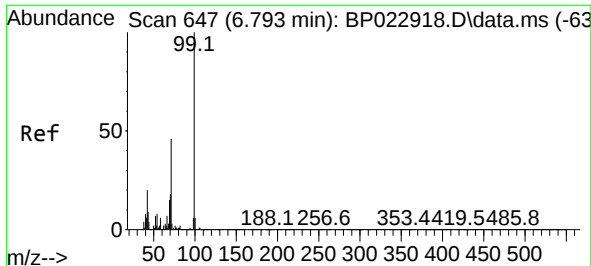
Reviewed By :Jagrut Upadhyay 11/08/2024
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#6
Aniline
Concen: 5.621 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion: 93 Resp: 19450
Ion Ratio Lower Upper
93 100
66 42.6 32.9 49.3
65 17.5 16.0 24.0





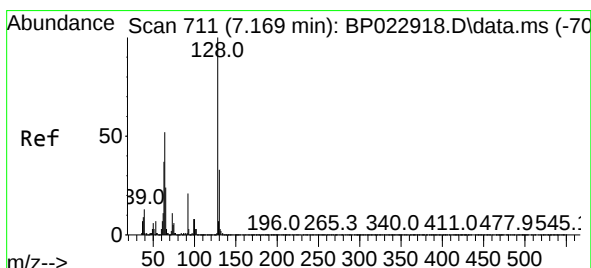
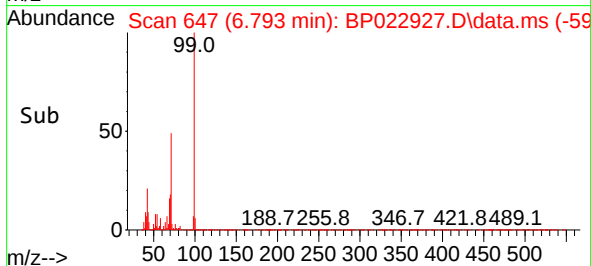
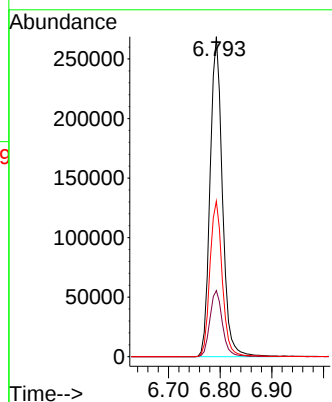
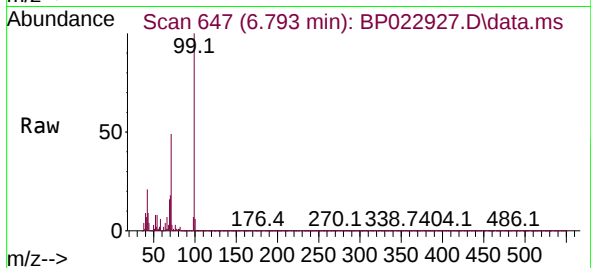
#7
Phenol-d6
Concen: 107.024 ng
RT: 6.793 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion: 99 Resp: 444233
Ion Ratio Lower Upper
99 100
42 20.7 15.8 23.6
71 48.6 36.6 55.0

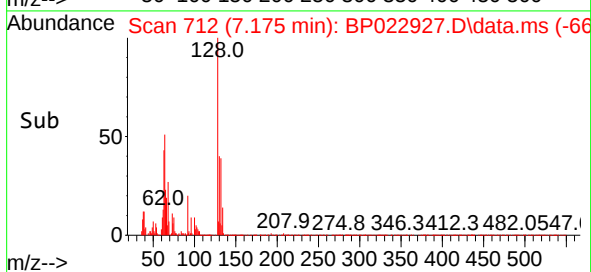
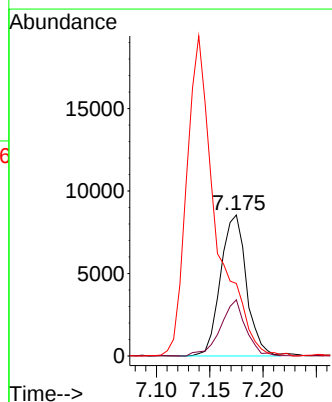
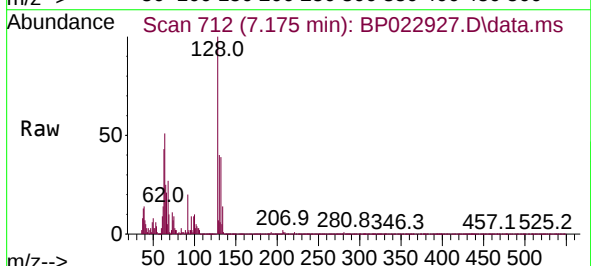
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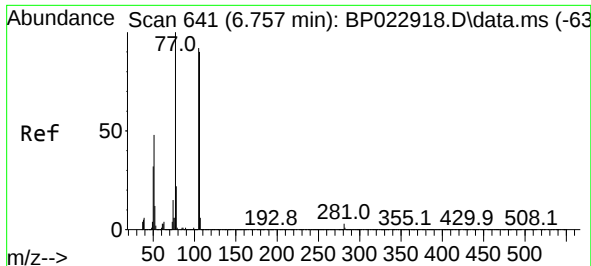
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#8
2-Chlorophenol
Concen: 4.613 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:128 Resp: 14392
Ion Ratio Lower Upper
128 100
130 39.8 12.6 52.6
64 51.4 32.7 72.7





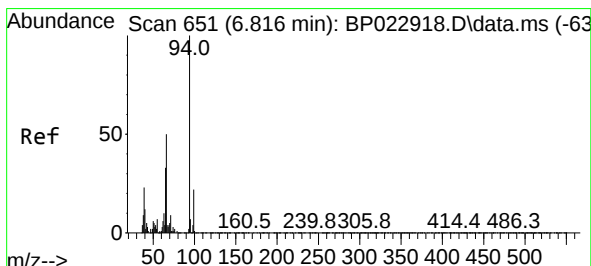
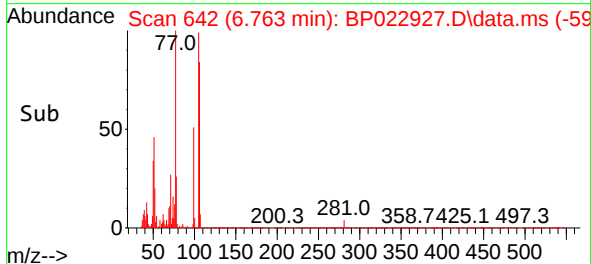
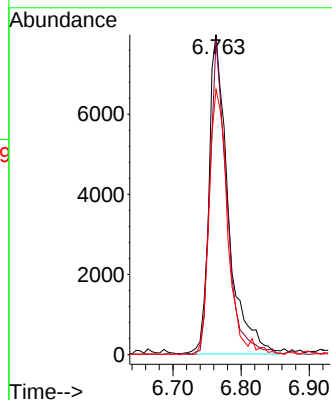
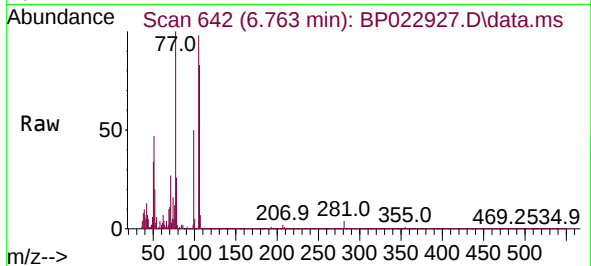
#9
Benzaldehyde
Concen: 6.554 ng
RT: 6.763 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion: 77 Resp: 1572
Ion Ratio Lower Upper
77 100
105 98.2 71.4 111.4
106 82.9 69.9 109.9

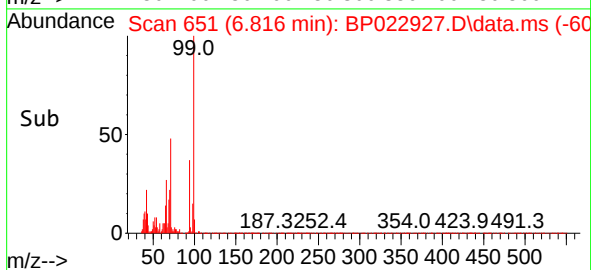
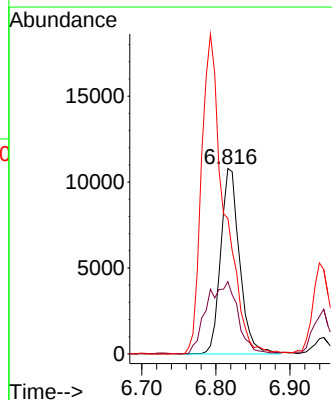
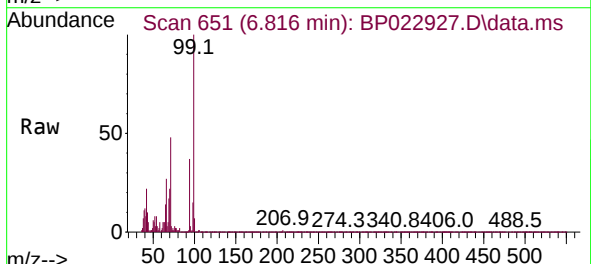
Manual Integrations
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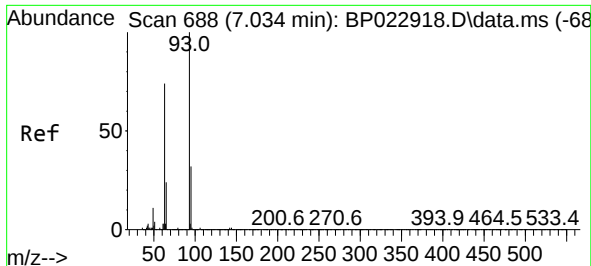
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Phenol
Concen: 4.638 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion: 94 Resp: 19067
Ion Ratio Lower Upper
94 100
65 39.0 12.9 52.9
66 73.1 30.0 70.0#





#11

bis(2-Chloroethyl)ether

Concen: 4.817 ng

RT: 7.034 min Scan# 688

Delta R.T. -0.000 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

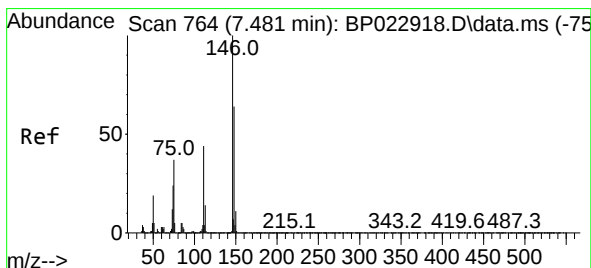
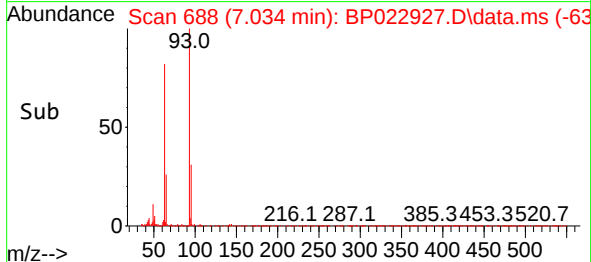
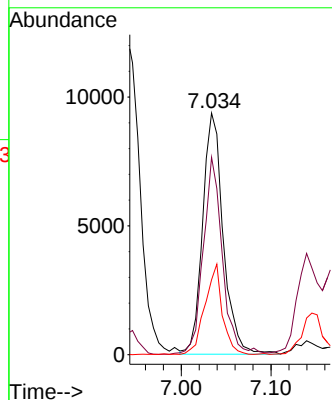
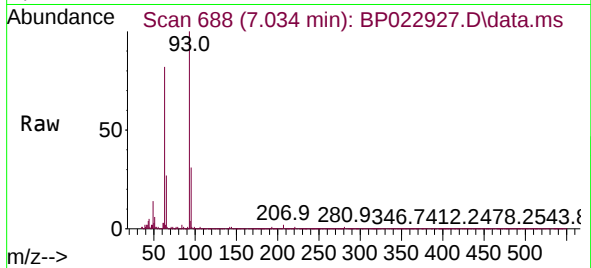
LOQ-SOIL-02-QT4-2024

Tgt Ion: 93	Resp: 1496
Ion Ratio	Lower Upper
93 100	
63 81.7	53.6 93.6
95 31.0	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: 4.608 ng

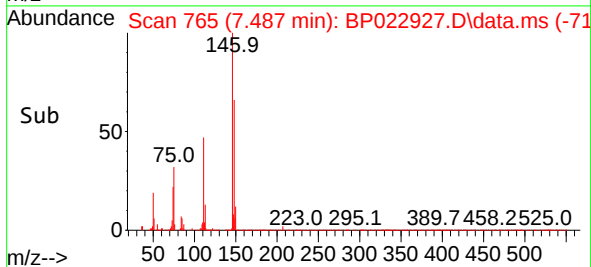
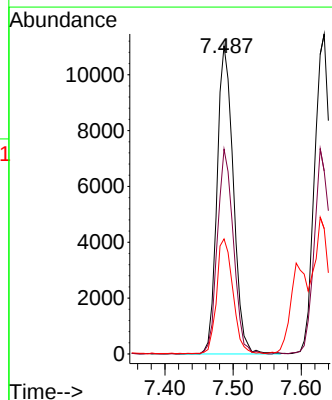
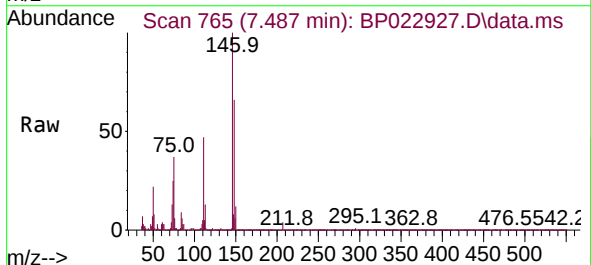
RT: 7.487 min Scan# 765

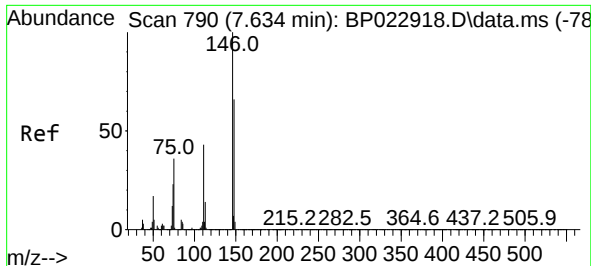
Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:146	Resp: 18347
Ion Ratio	Lower Upper
146 100	
148 66.4	51.4 77.0
75 37.3	29.3 43.9





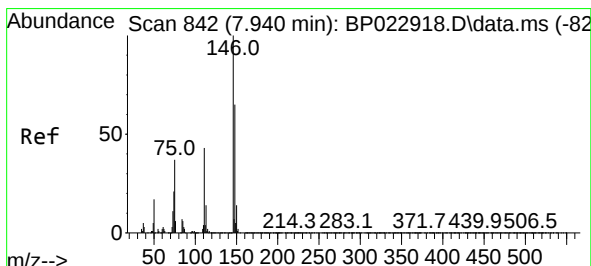
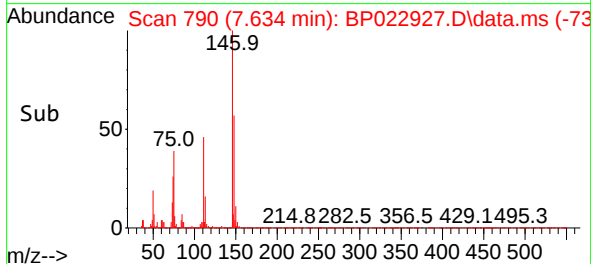
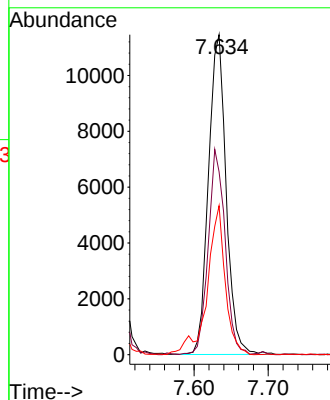
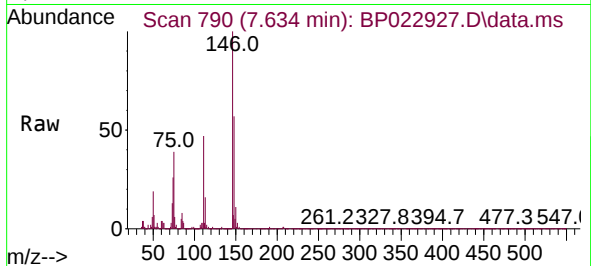
#13
1,4-Dichlorobenzene
Concen: 4.670 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:146 Resp: 18980
Ion Ratio Lower Upper
146 100
148 57.1 53.2 79.8
111 46.6 35.0 52.4

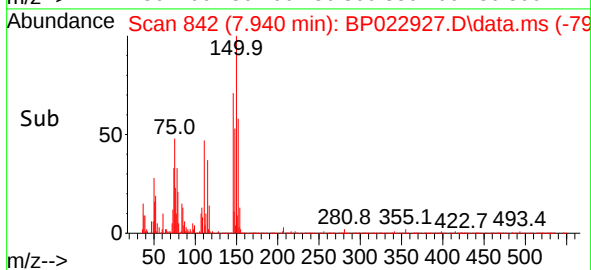
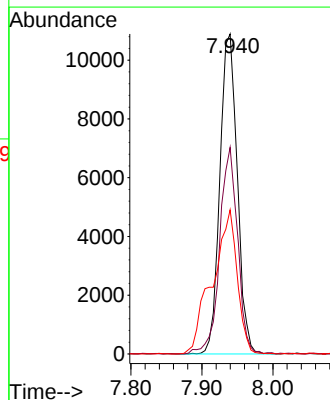
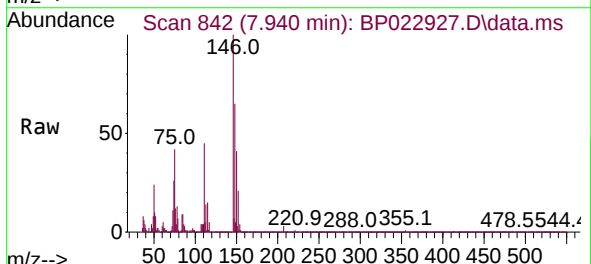
Manual Integrations
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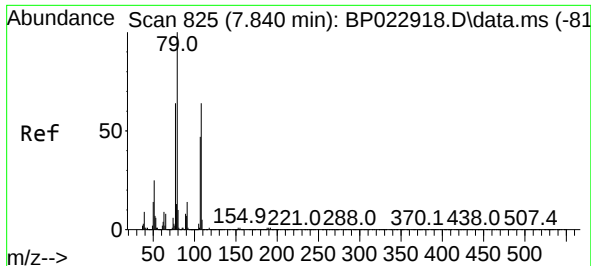
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#14
1,2-Dichlorobenzene
Concen: 4.700 ng
RT: 7.940 min Scan# 842
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

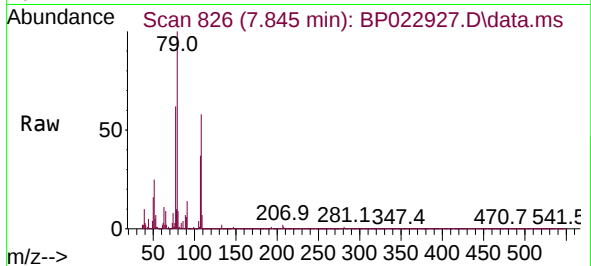
Tgt Ion:146 Resp: 18474
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
111 45.0 34.2 51.4





#15
Benzyl Alcohol
Concen: 4.028 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

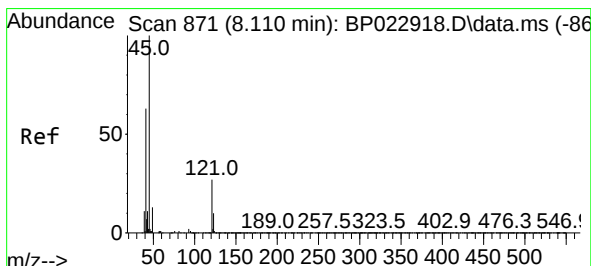
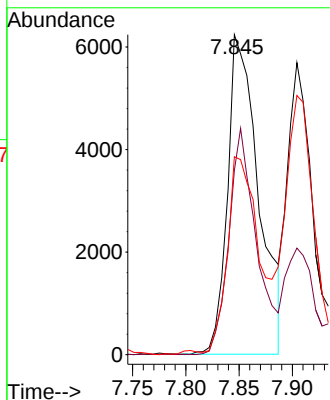
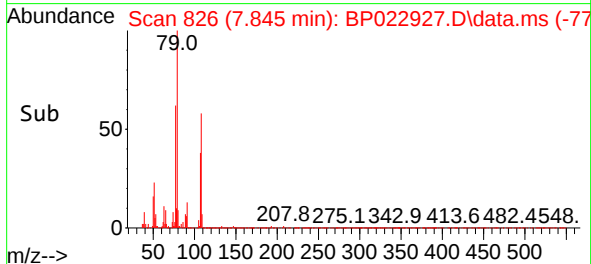
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



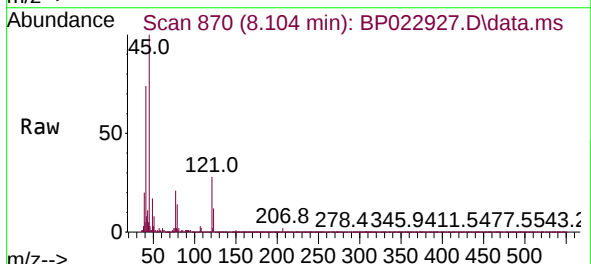
Tgt Ion: 79 Resp: 12664
Ion Ratio Lower Upper
79 100
108 57.6 51.2 76.8
77 61.8 51.3 76.9

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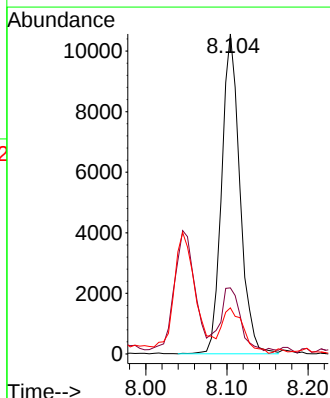
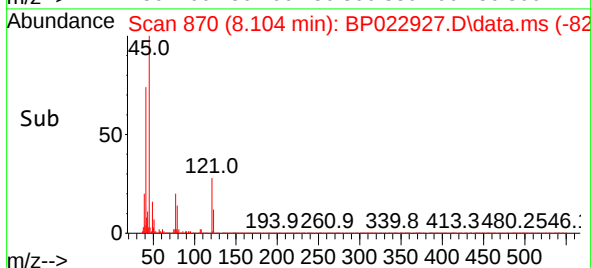
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

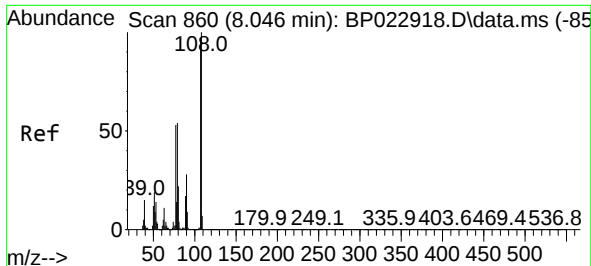


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.895 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55



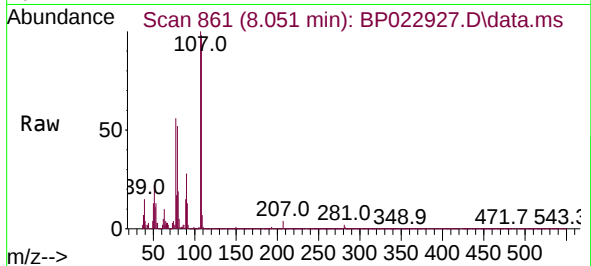
Tgt Ion: 45 Resp: 16493
Ion Ratio Lower Upper
45 100
77 20.7 0.0 39.5
79 14.4 0.0 34.9





#17
2-Methylphenol
Concen: 4.279 ng
RT: 8.051 min Scan# 861
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

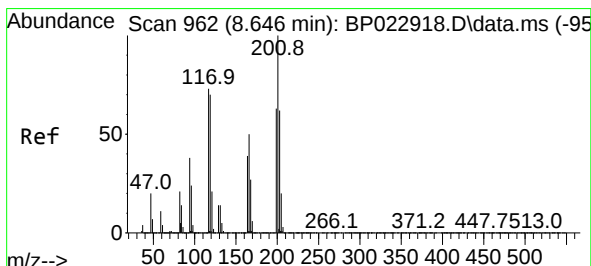
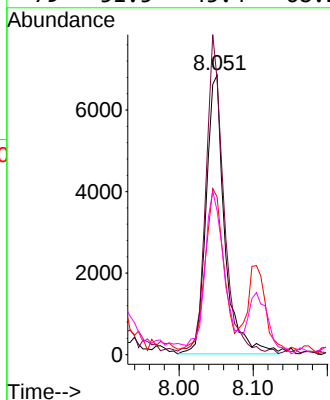
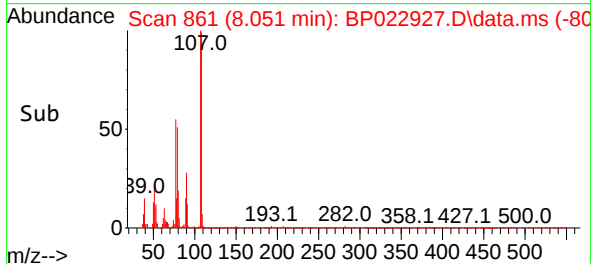
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:107 Resp: 11940
Ion Ratio Lower Upper
107 100
108 98.5 83.7 125.5
77 56.5 45.0 67.4
79 51.5 45.4 68.2

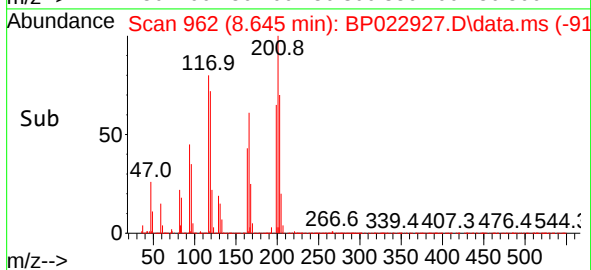
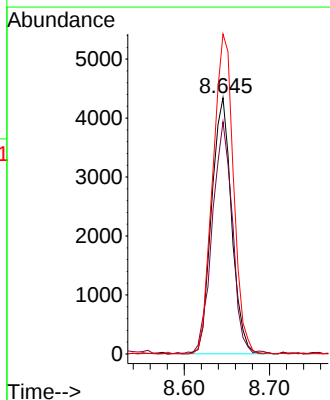
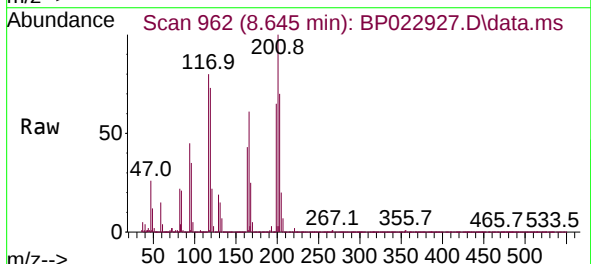
Manual Integrations
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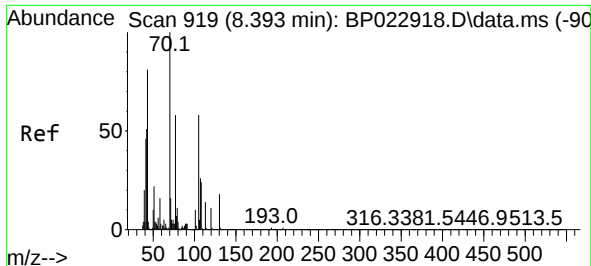
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#18
Hexachloroethane
Concen: 4.703 ng
RT: 8.645 min Scan# 962
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

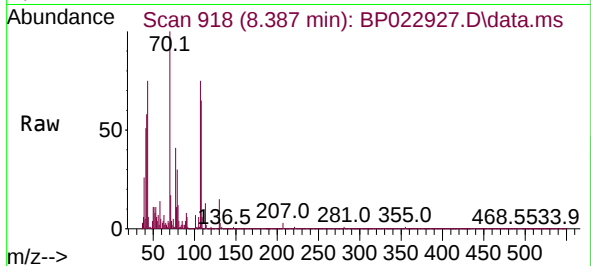
Tgt Ion:117 Resp: 7074
Ion Ratio Lower Upper
117 100
119 90.6 76.7 115.1
201 124.9 110.0 165.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.832 ng
RT: 8.387 min Scan# 918
Delta R.T. -0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

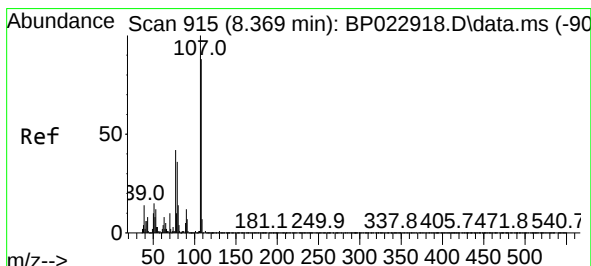
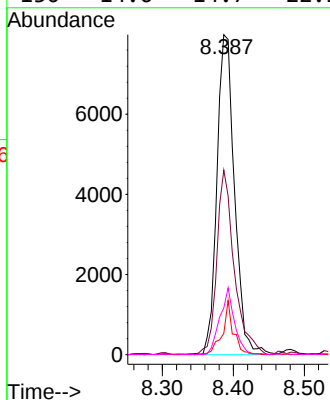
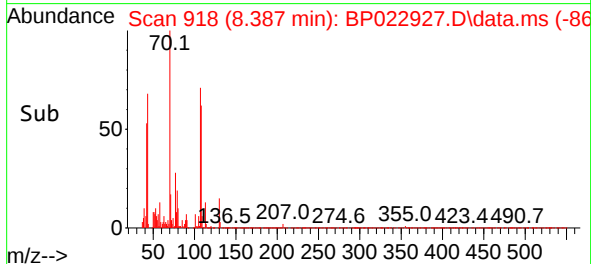
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024



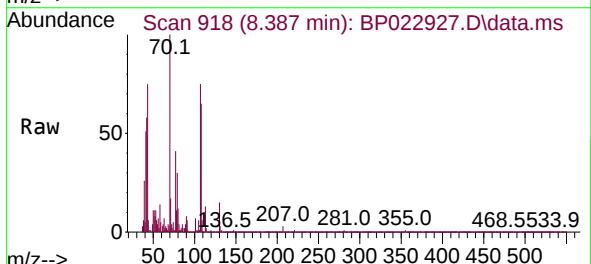
Tgt Ion: 70 Resp: 13728
Ion Ratio Lower Upper
70 100
42 57.7 41.0 61.6
101 6.7 7.8 11.6
130 14.6 14.7 22.1#

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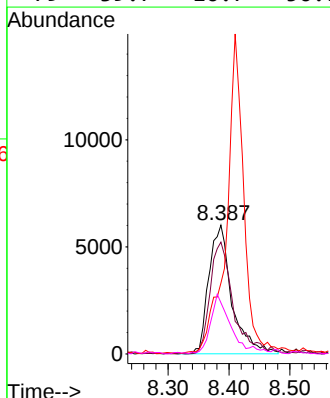
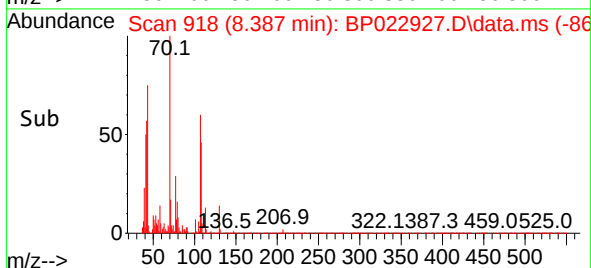
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

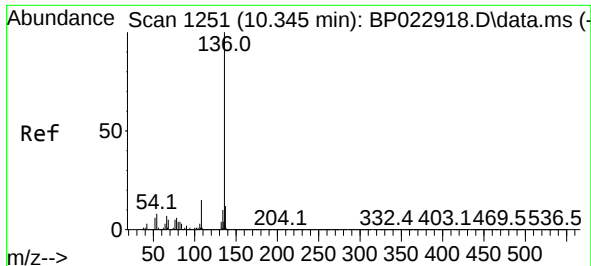


#20
3+4-Methylphenols
Concen: 4.040 ng
RT: 8.387 min Scan# 918
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55



Tgt Ion:107 Resp: 15756
Ion Ratio Lower Upper
107 100
108 86.9 67.6 107.6
77 55.0 22.6 62.6
79 39.7 16.7 56.7





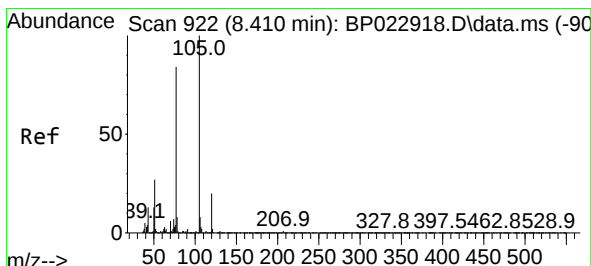
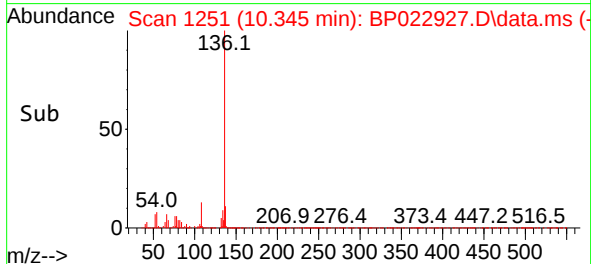
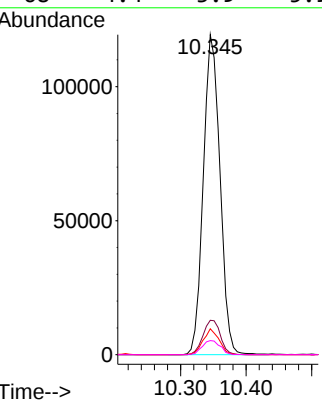
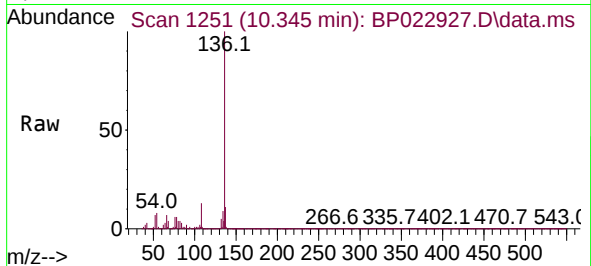
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.345 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:	136	Resp:	210508
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.4	14.0
54	8.1	6.4	9.6
68	4.4	3.9	5.9

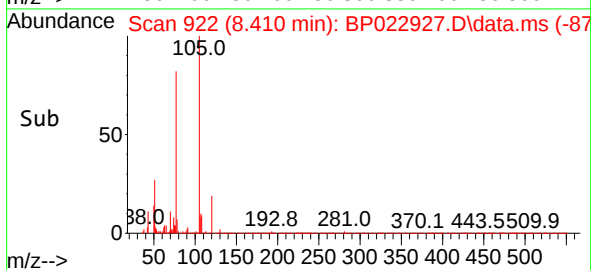
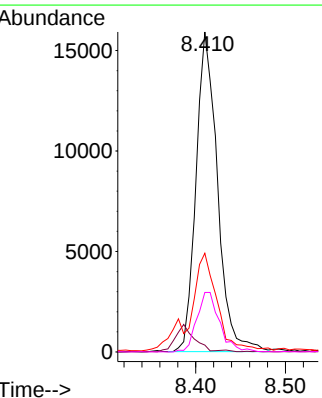
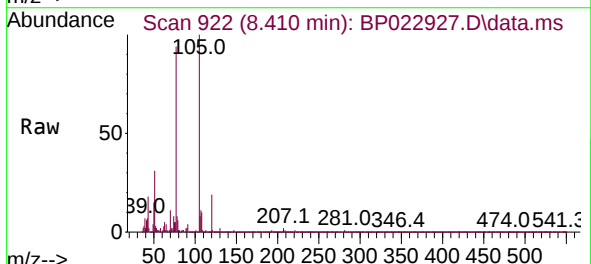
Manual Integrations
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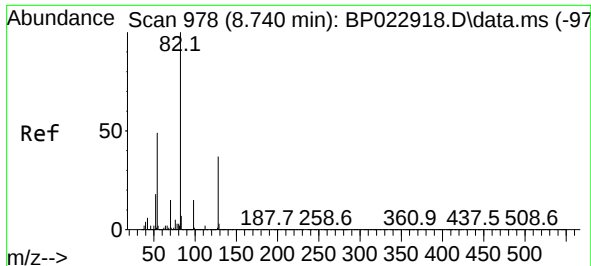
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#22
Acetophenone
Concen: 4.719 ng
RT: 8.410 min Scan# 922
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:	105	Resp:	26443
Ion Ratio	Lower	Upper	
105	100		
71	2.2	0.7	1.1#
51	30.9	21.7	32.5
120	18.6	16.4	24.6





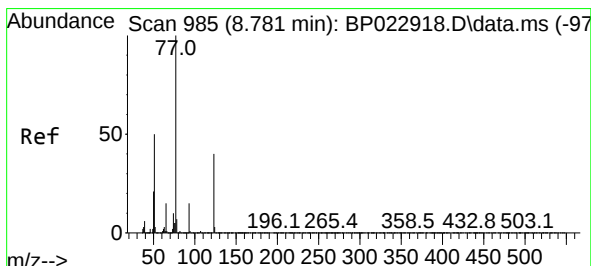
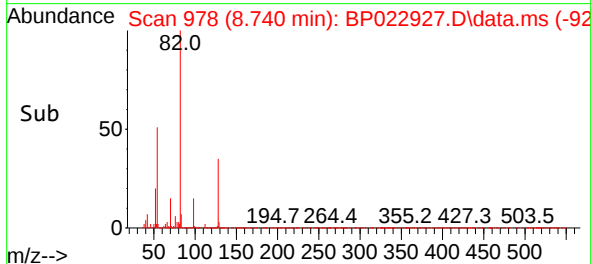
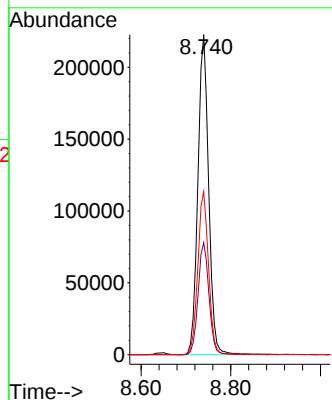
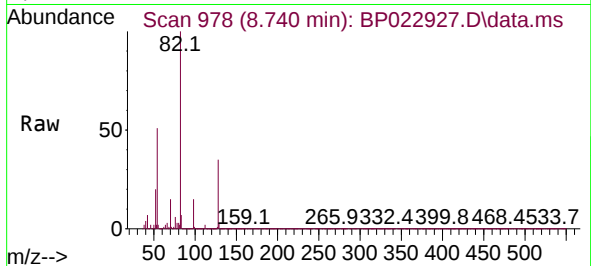
#23
Nitrobenzene-d5
Concen: 83.123 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion: 82 Resp: 370379
Ion Ratio Lower Upper
82 100
128 35.0 29.8 44.8
54 51.0 39.0 58.4

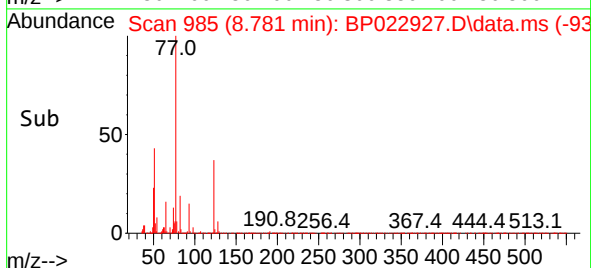
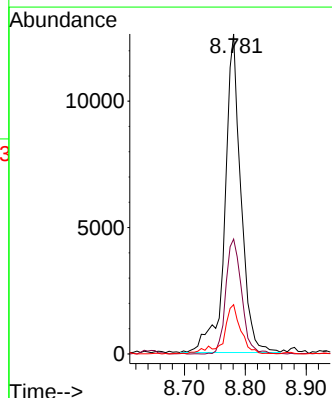
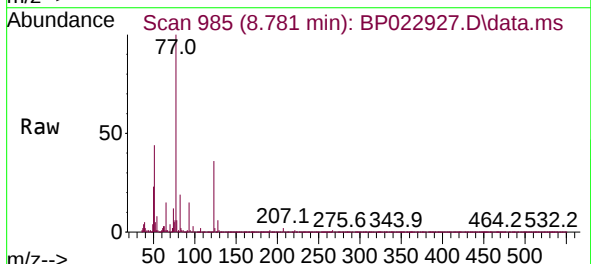
Manual Integrations
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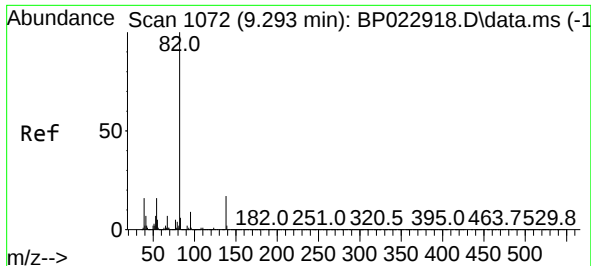
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#24
Nitrobenzene
Concen: 5.101 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion: 77 Resp: 23086
Ion Ratio Lower Upper
77 100
123 35.9 32.2 48.4
65 15.4 11.7 17.5





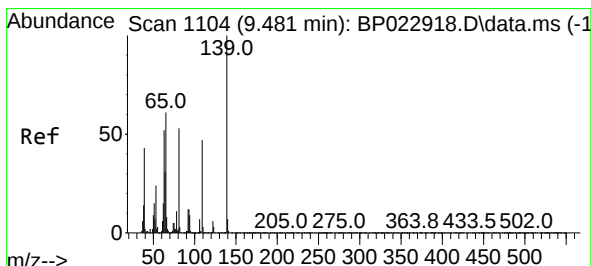
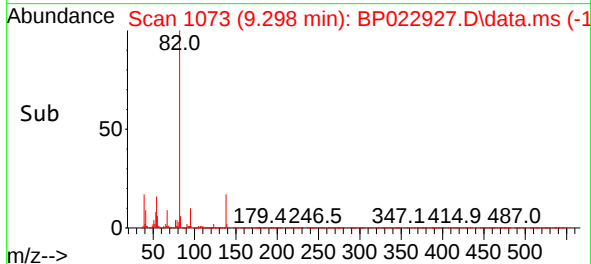
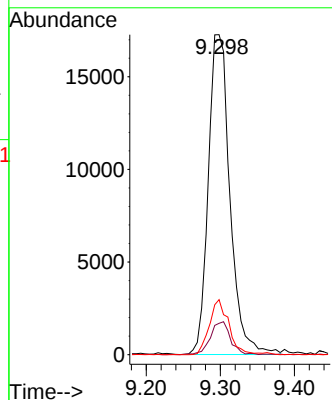
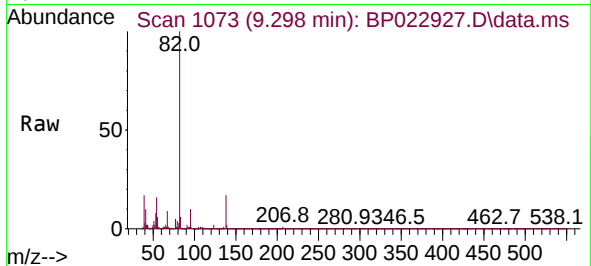
#25
Isophorone
Concen: 4.653 ng
RT: 9.298 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion: 82 Resp: 3508
Ion Ratio Lower Upper
82 100
95 9.8 7.4 11.2
138 17.2 13.7 20.5

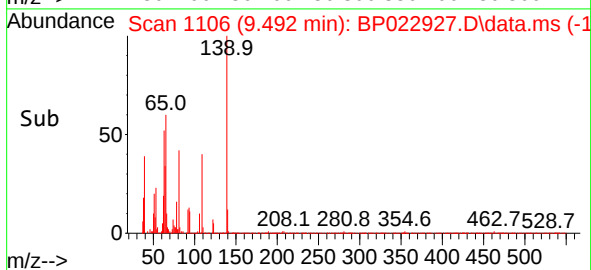
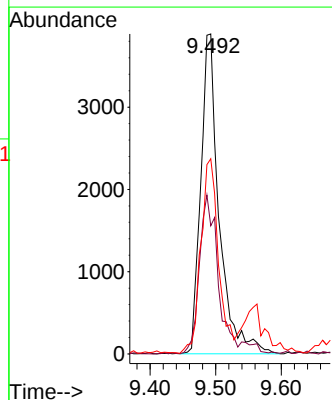
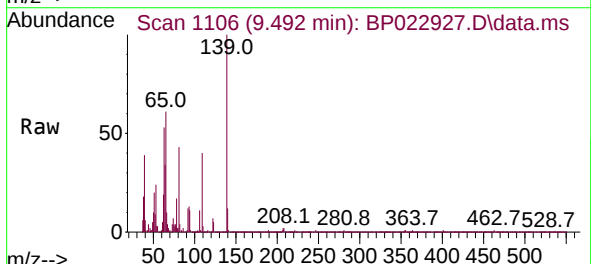
Manual Integrations
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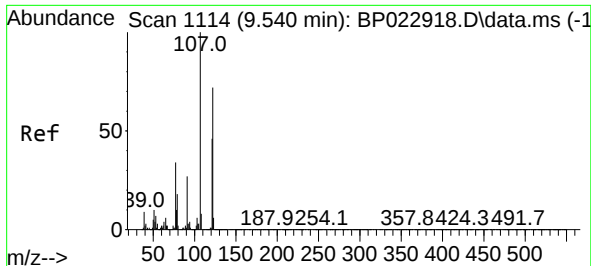
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#26
2-Nitrophenol
Concen: 4.083 ng
RT: 9.492 min Scan# 1106
Delta R.T. 0.012 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

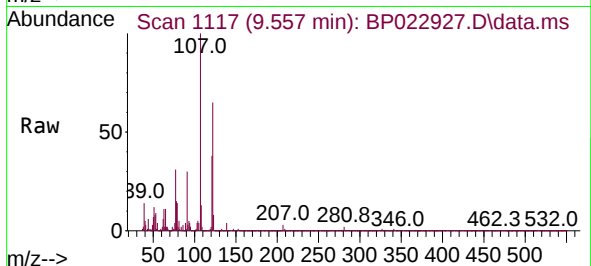
Tgt Ion:139 Resp: 7588
Ion Ratio Lower Upper
139 100
109 40.1 37.8 56.8
65 61.0 48.6 73.0





#27
2,4-Dimethylphenol
Concen: 3.533 ng m
RT: 9.557 min Scan# 1117
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

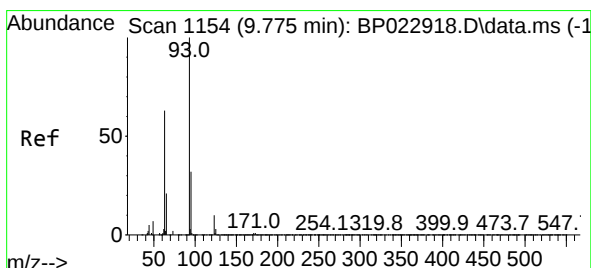
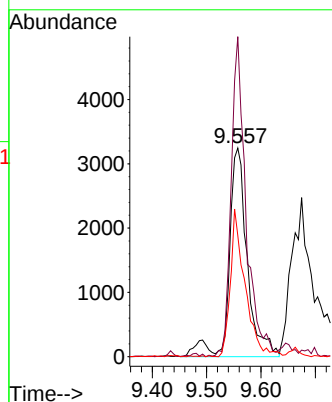
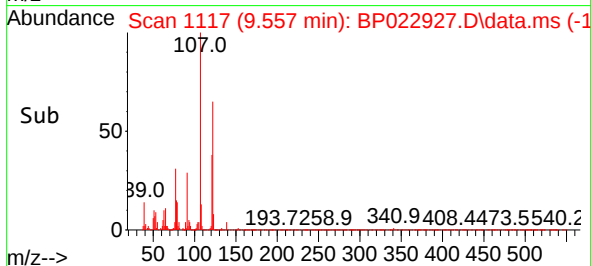
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion: 122 Resp: 7498
Ion Ratio Lower Upper
122 100
107 153.4 109.8 164.6
121 58.1 50.5 75.7

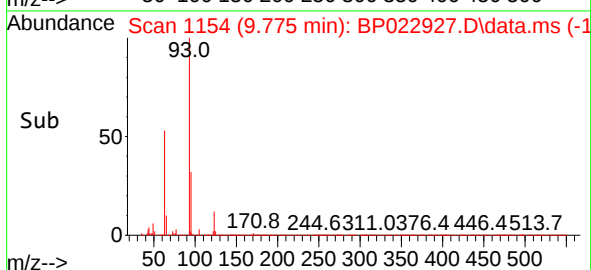
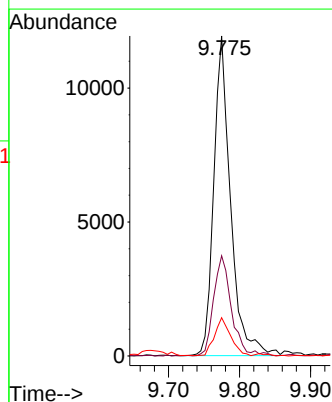
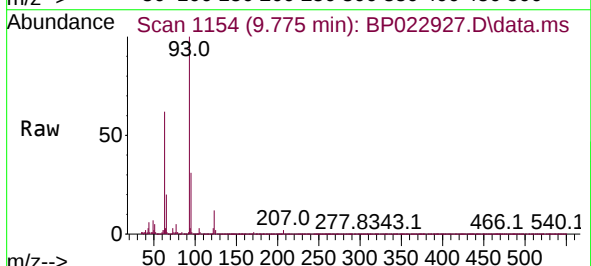
Manual Integrations
APPROVED

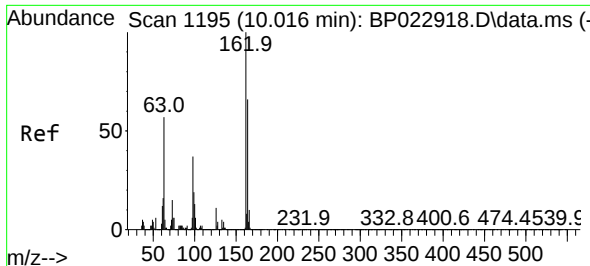
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.580 ng
RT: 9.775 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion: 93 Resp: 19618
Ion Ratio Lower Upper
93 100
95 31.3 25.4 38.2
123 11.9 8.6 13.0





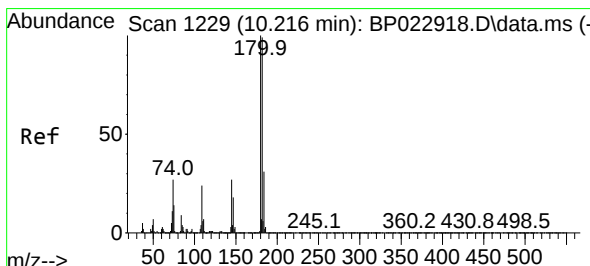
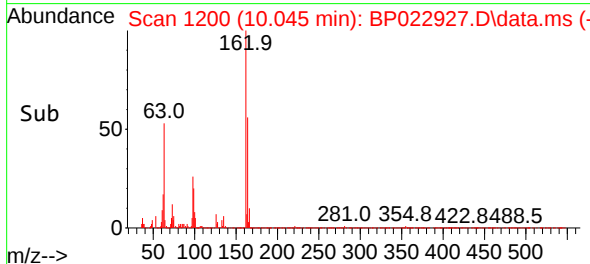
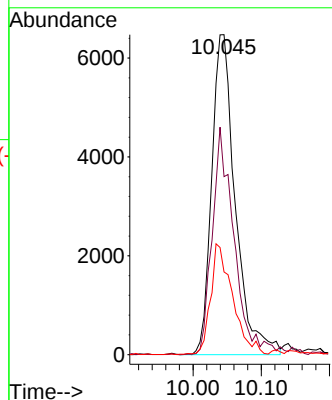
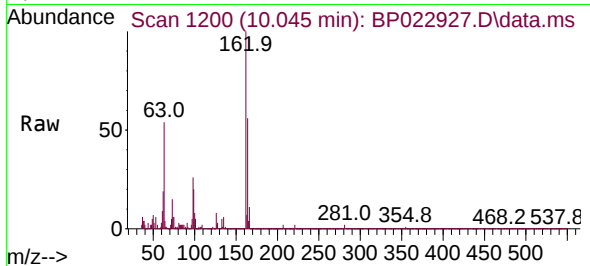
#29
2,4-Dichlorophenol
Concen: 4.242 ng
RT: 10.045 min Scan# 1195
Delta R.T. 0.029 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:162 Resp: 1558
Ion Ratio Lower Upper
162 100
164 55.7 46.0 86.0
98 25.8 16.7 56.7

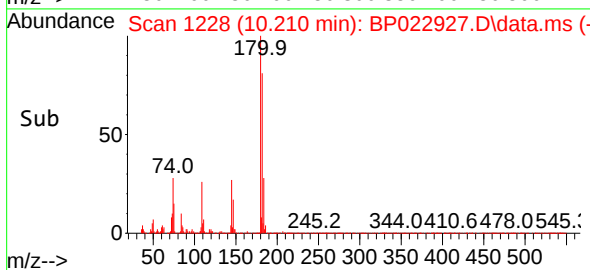
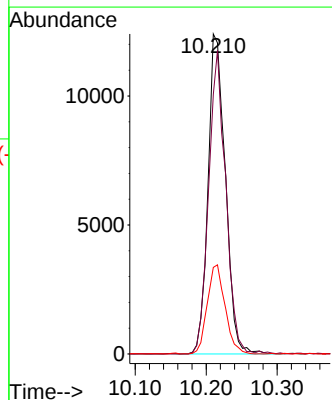
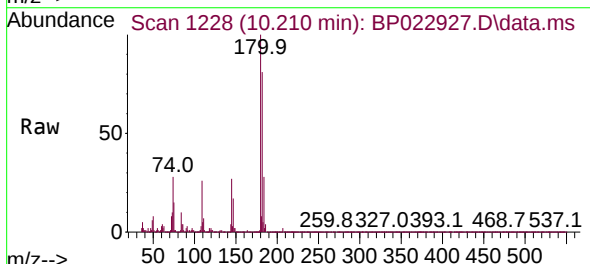
Manual Integrations
APPROVED

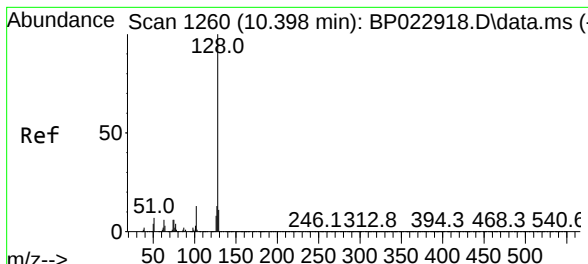
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.487 ng
RT: 10.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:180 Resp: 21071
Ion Ratio Lower Upper
180 100
182 81.1 79.4 119.2
145 27.1 21.6 32.4





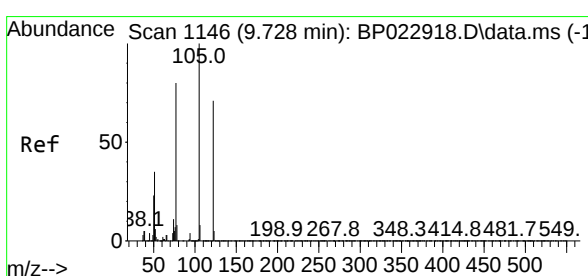
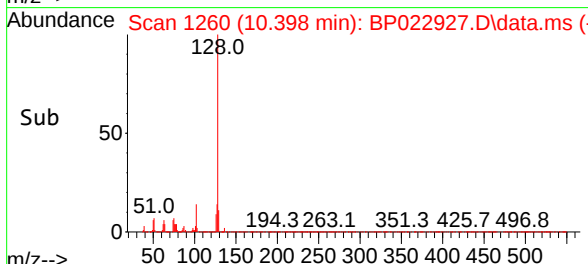
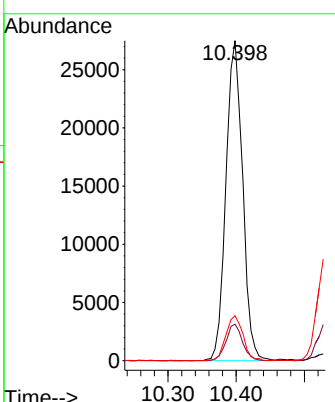
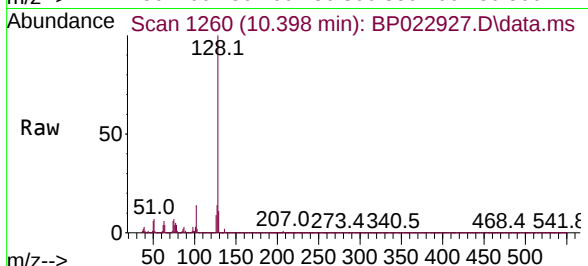
#31
Naphthalene
Concen: 4.437 ng
RT: 10.398 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:	128	Resp:	4680
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	12.8
127	14.1	10.6	16.0

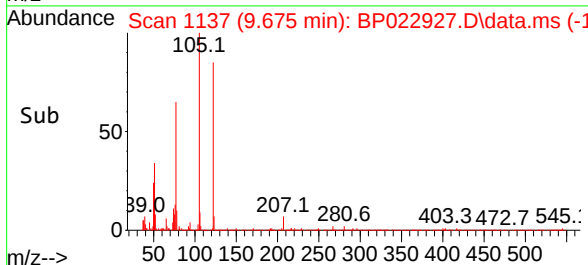
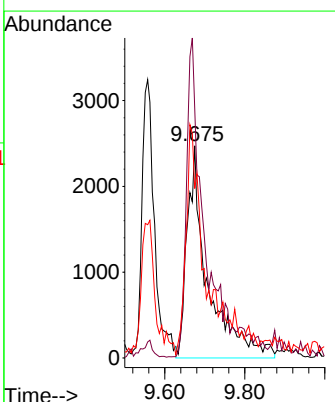
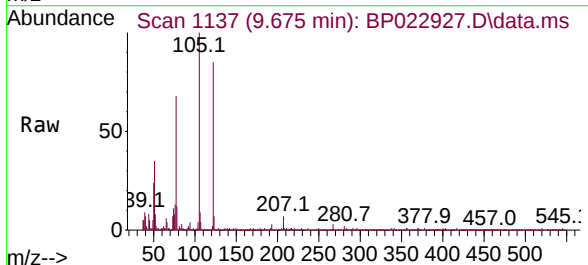
Manual Integrations
APPROVED

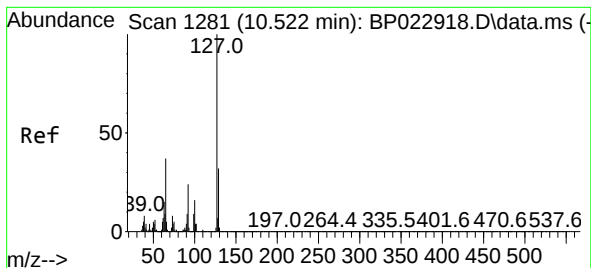
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#32
Benzoic acid
Concen: 3.487 ng m
RT: 9.675 min Scan# 1137
Delta R.T. -0.053 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

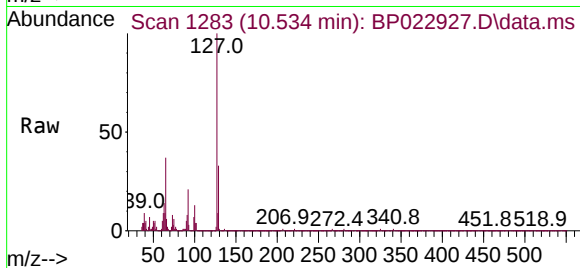
Tgt Ion:	122	Resp:	8886
Ion Ratio	Lower	Upper	
122	100		
105	117.7	119.9	159.9#
77	79.9	92.2	132.2#





#33
4-Chloroaniline
Concen: 4.603 ng
RT: 10.534 min Scan# 1283
Delta R.T. 0.012 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

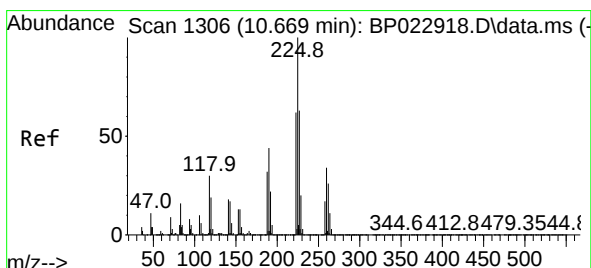
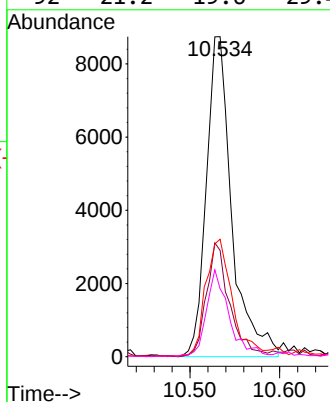
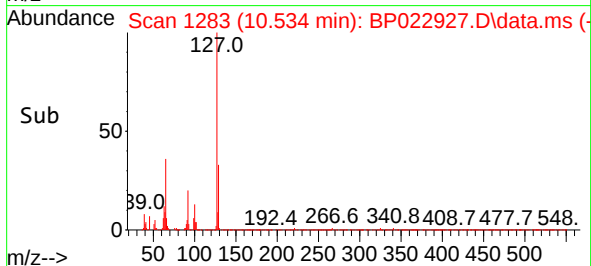
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



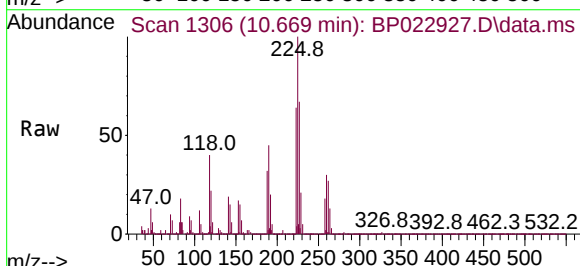
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.2	37.8
65	36.7	29.7	44.5
92	21.2	19.6	29.4

Manual Integrations
APPROVED

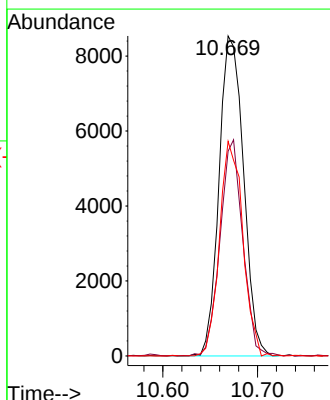
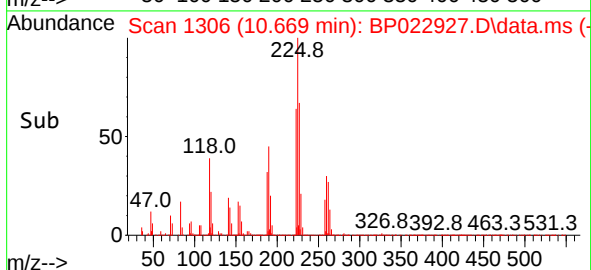
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

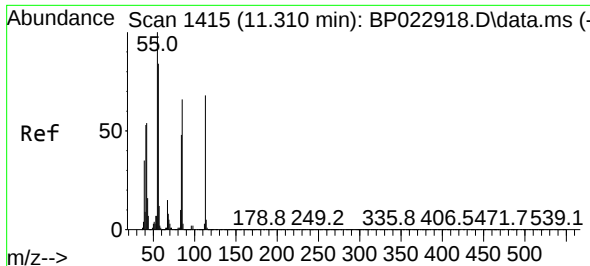


#34
Hexachlorobutadiene
Concen: 4.445 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55



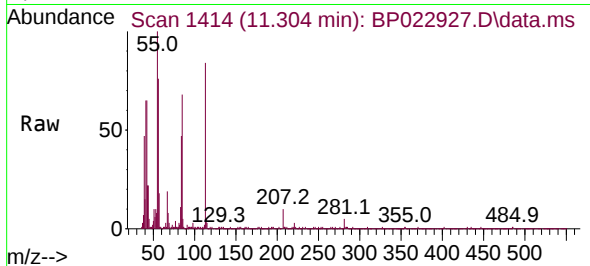
Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	49.8	74.6
227	67.0	50.5	75.7





#35
Caprolactam
Concen: 4.243 ng m
RT: 11.304 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

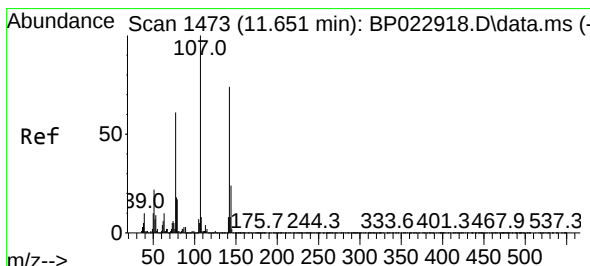
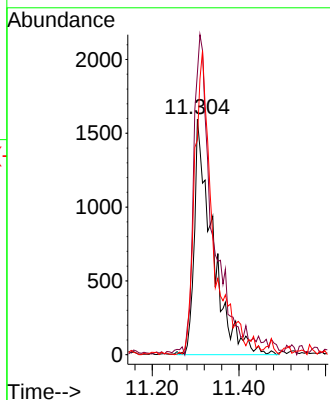
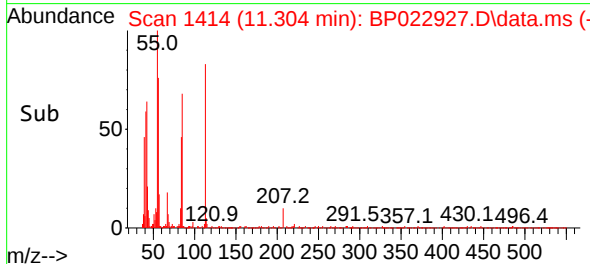
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:113 Resp: 4660
Ion Ratio Lower Upper
113 100
55 119.7 127.4 167.4
56 91.3 103.5 143.5

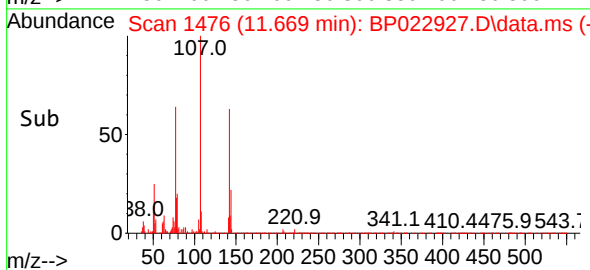
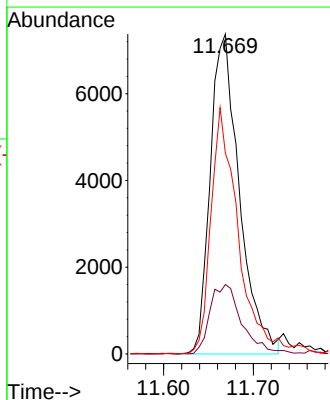
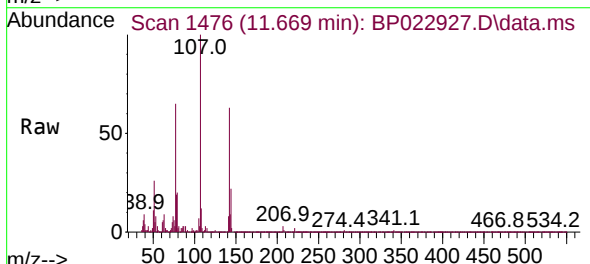
Manual Integrations
APPROVED

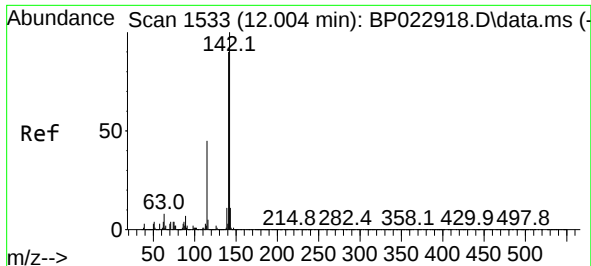
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#36
4-Chloro-3-methylphenol
Concen: 4.055 ng
RT: 11.669 min Scan# 1476
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:107 Resp: 16610
Ion Ratio Lower Upper
107 100
144 21.7 19.4 29.0
142 62.7 59.5 89.3





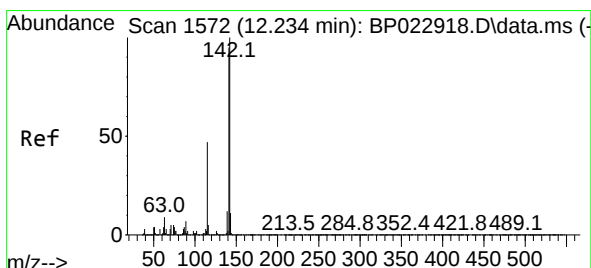
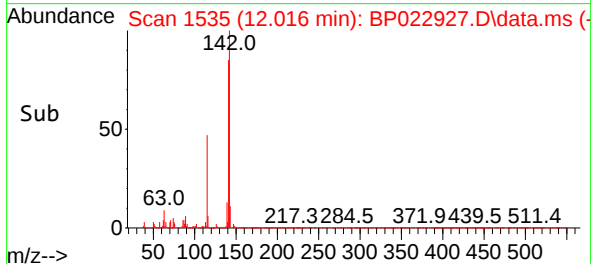
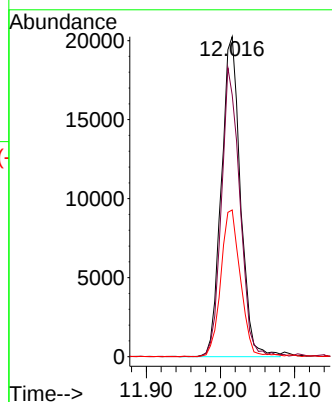
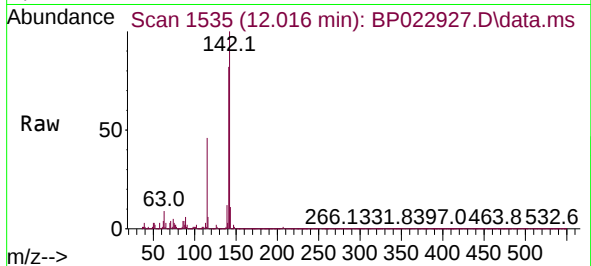
#37
2-Methylnaphthalene
Concen: 4.579 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:142 Resp: 3617
Ion Ratio Lower Upper
142 100
141 81.8 72.2 108.4
115 45.9 35.9 53.9

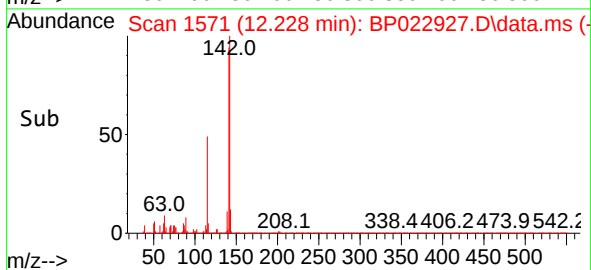
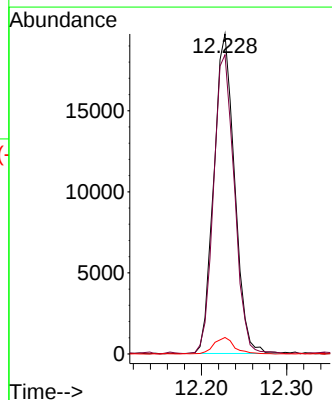
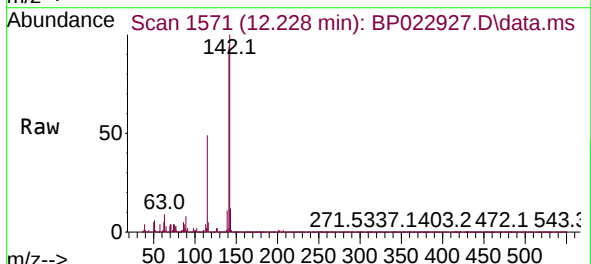
Manual Integrations
APPROVED

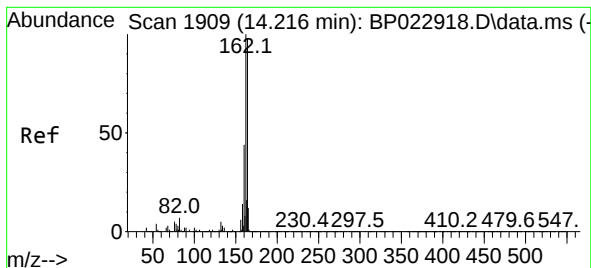
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#38
1-Methylnaphthalene
Concen: 4.252 ng
RT: 12.228 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:142 Resp: 33340
Ion Ratio Lower Upper
142 100
141 93.5 75.8 113.8
116 5.2 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.222 min Scan# 1909

Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:164 Resp: 178269

Ion Ratio Lower Upper

164 100

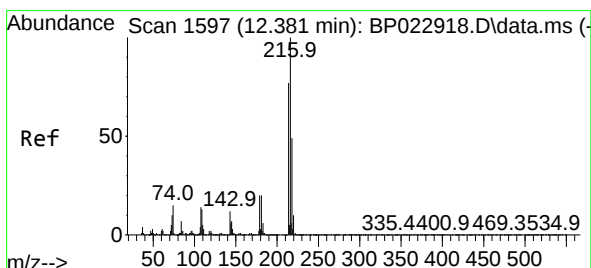
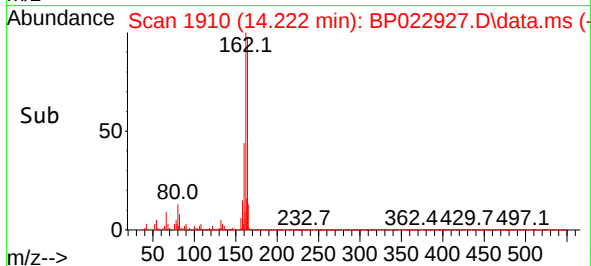
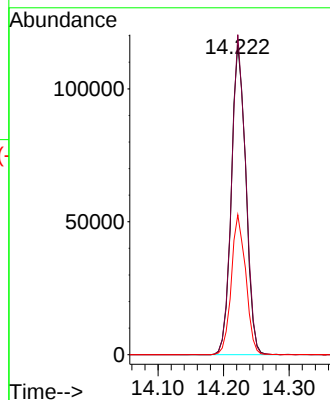
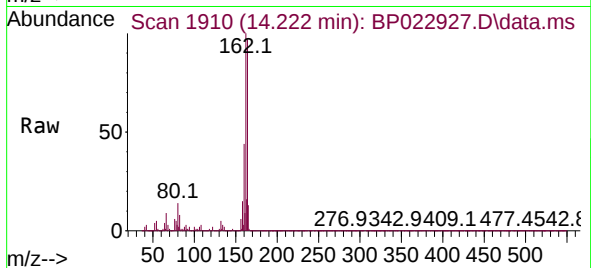
162 103.2 81.8 122.8

160 45.1 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: 4.499 ng

RT: 12.392 min Scan# 1599

Delta R.T. 0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:216 Resp: 27150

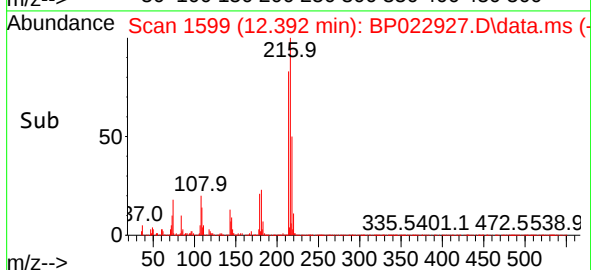
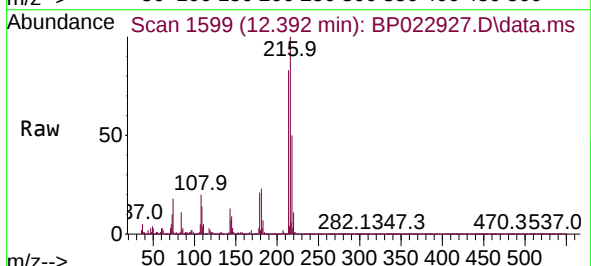
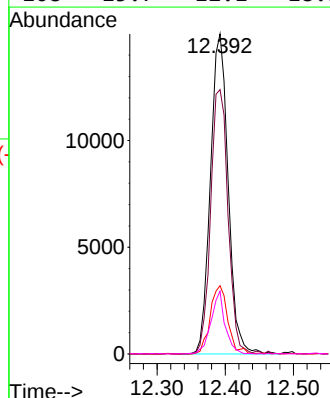
Ion Ratio Lower Upper

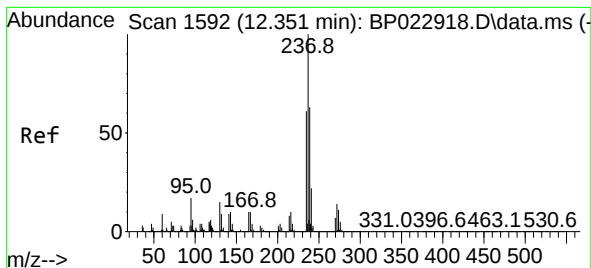
216 100

214 81.1 62.5 93.7

179 21.1 16.5 24.7

108 15.7 12.1 18.1





#41

Hexachlorocyclopentadiene

Concen: 1.648 ng

RT: 12.357 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

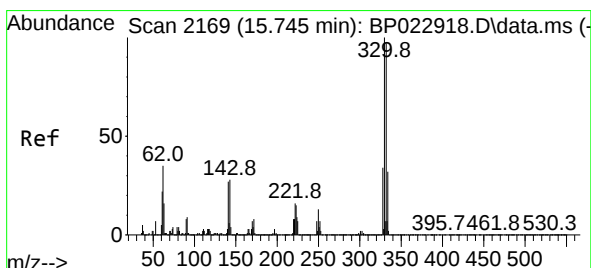
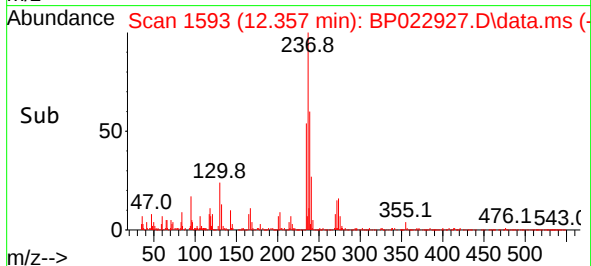
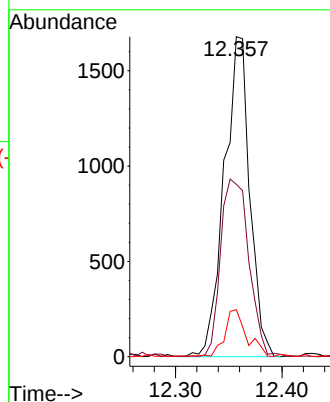
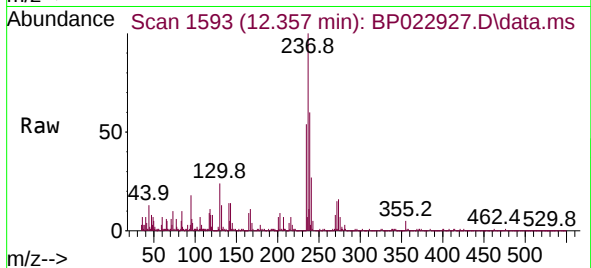
LOQ-SOIL-02-QT4-2024

Tgt Ion:	237	Resp:	2794
Ion Ratio	Lower	Upper	
237	100		
235	53.8	41.2	81.2
272	14.7	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: 125.372 ng

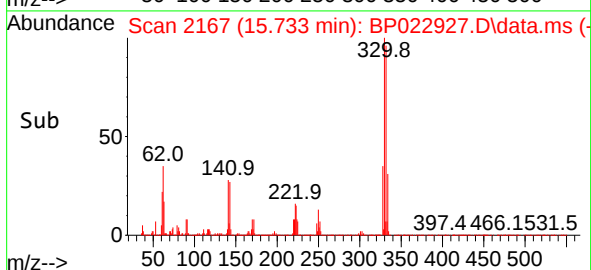
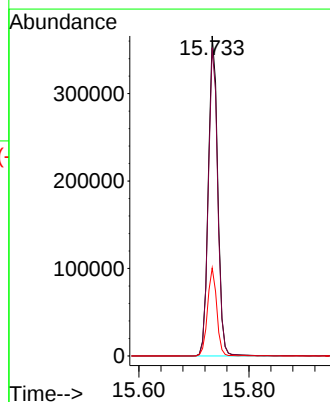
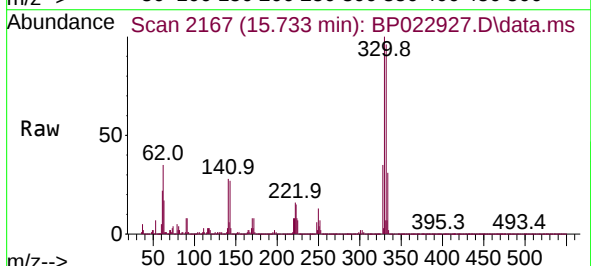
RT: 15.733 min Scan# 2167

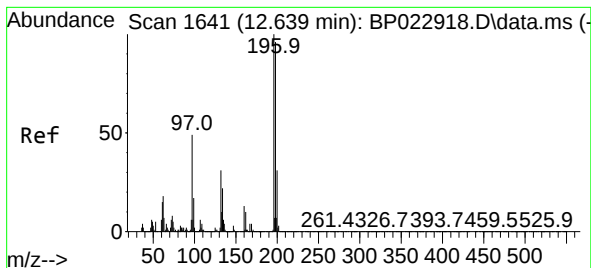
Delta R.T. -0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:	330	Resp:	433213
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	26.9	21.6	32.4





#43

2,4,6-Trichlorophenol

Concen: 4.117 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

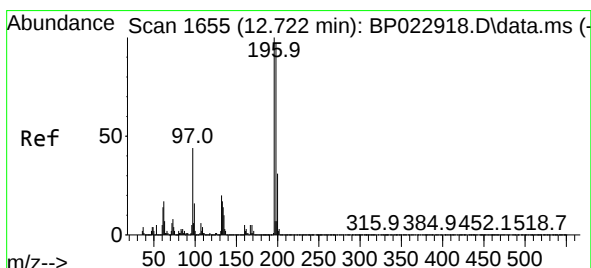
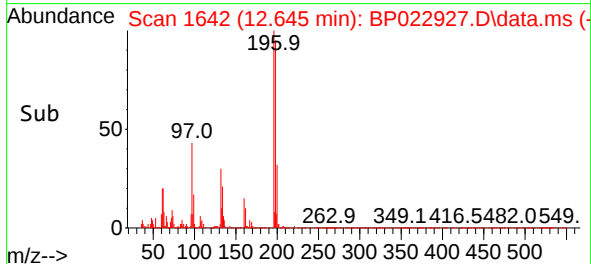
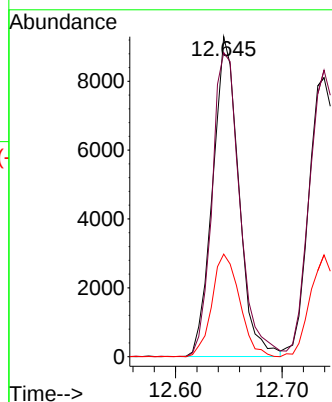
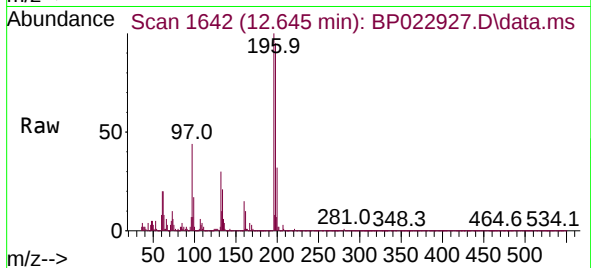
LOQ-SOIL-02-QT4-2024

Tgt Ion:196	Resp:	1580
Ion Ratio	Lower	Upper
196	100	
198	95.0	76.5 114.7
200	32.1	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: 4.033 ng m

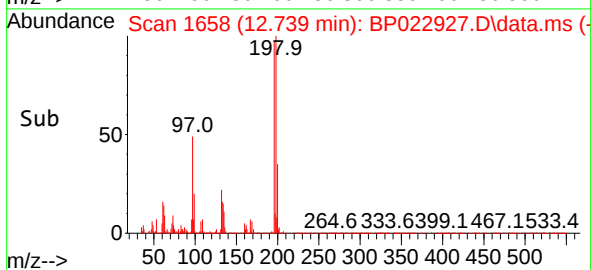
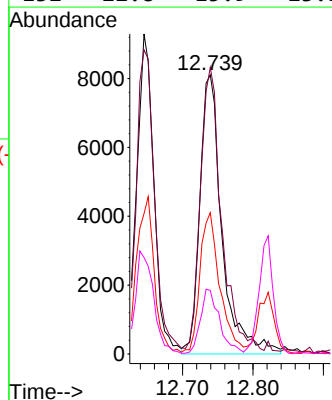
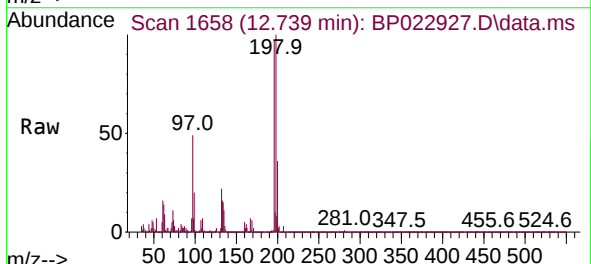
RT: 12.739 min Scan# 1658

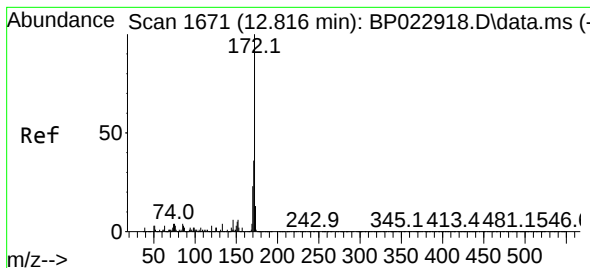
Delta R.T. 0.018 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:196	Resp:	17621
Ion Ratio	Lower	Upper
196	100	
198	102.7	77.8 116.8
97	50.6	35.2 52.8
132	22.8	15.9 23.9





#45

2-Fluorobiphenyl

Concen: 81.246 ng

RT: 12.822 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:172 Resp: 101365

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

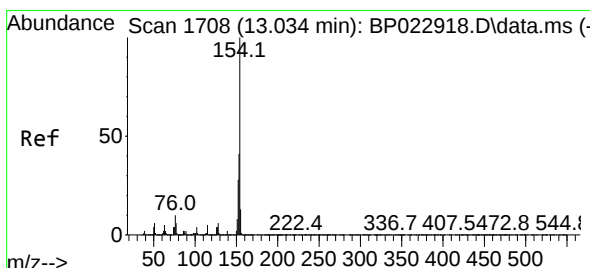
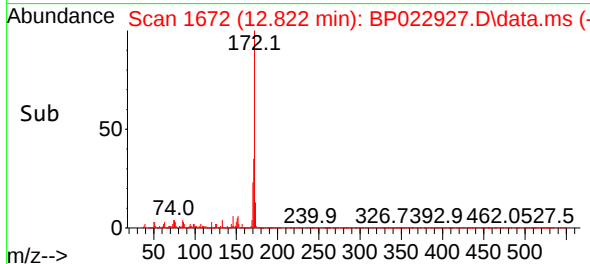
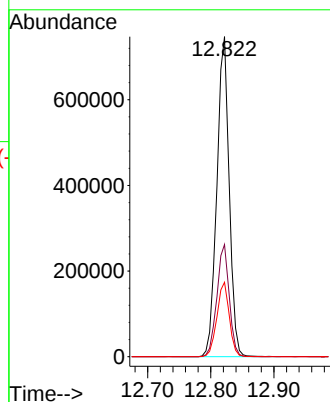
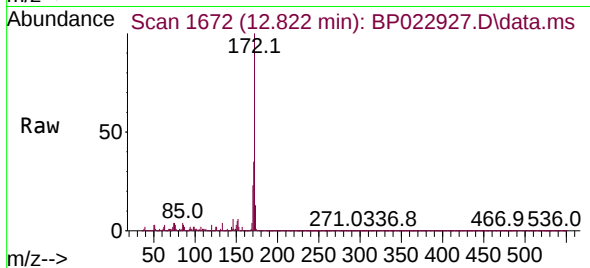
170 23.3 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#46

1,1'-Biphenyl

Concen: 4.738 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

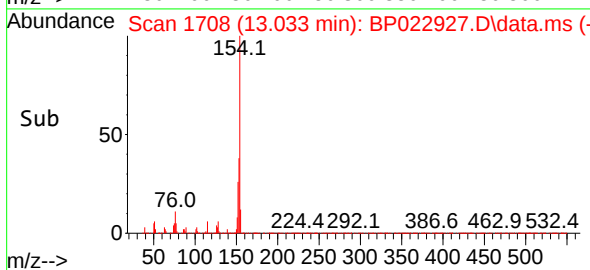
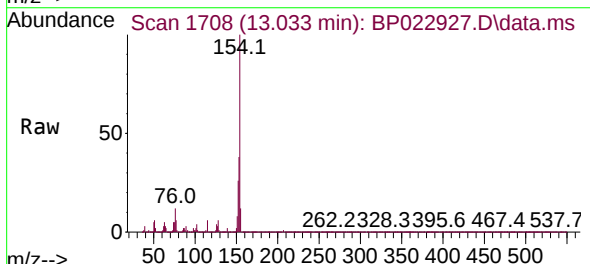
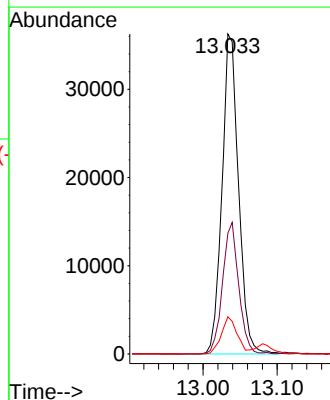
Tgt Ion:154 Resp: 56143

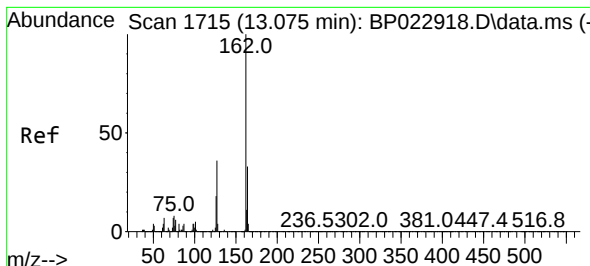
Ion Ratio Lower Upper

154 100

153 37.8 20.6 60.6

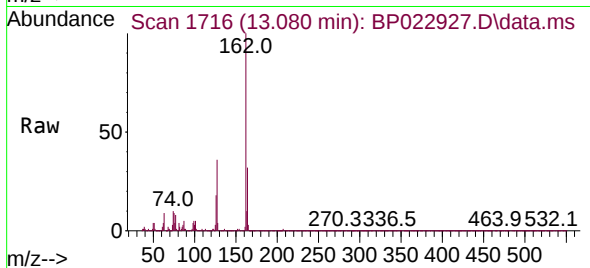
76 11.6 0.0 30.5





#47
2-Chloronaphthalene
Concen: 4.428 ng
RT: 13.080 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

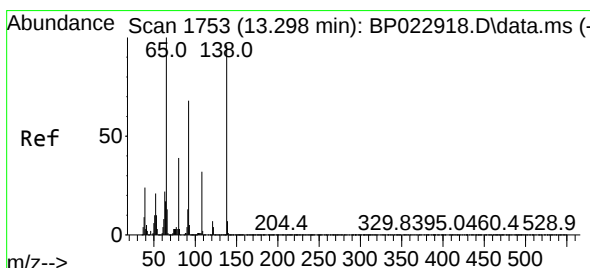
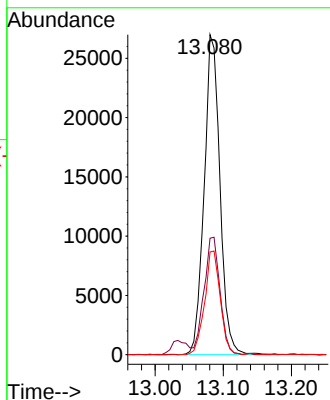
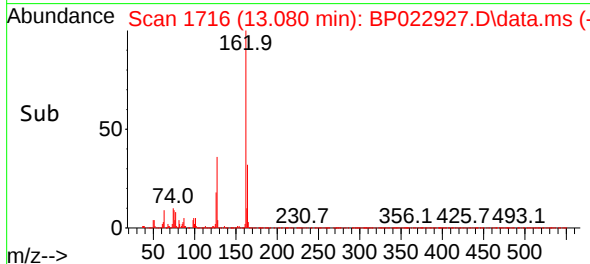
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



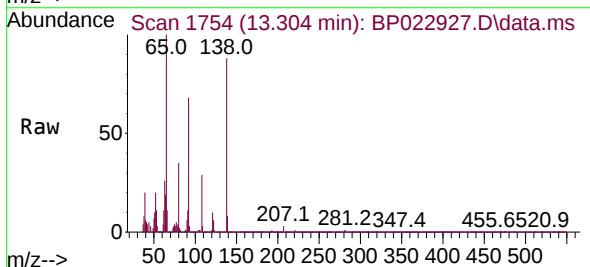
Tgt Ion:162 Resp: 4354
Ion Ratio Lower Upper
162 100
127 36.4 28.6 43.0
164 32.1 26.4 39.6

Manual Integrations
APPROVED

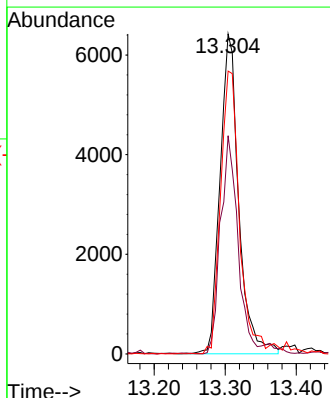
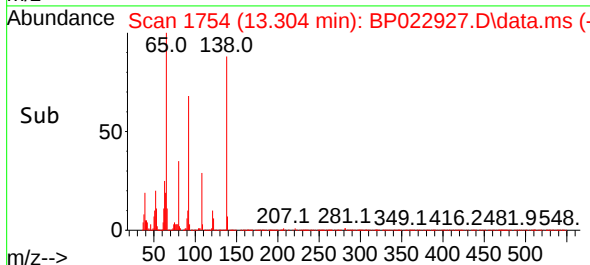
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

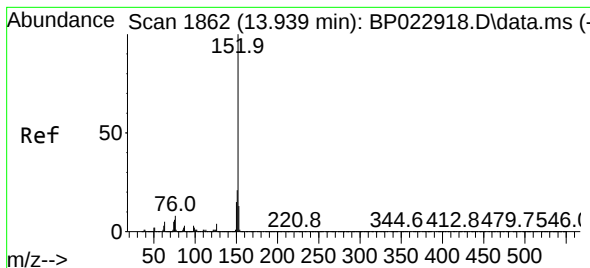


#48
2-Nitroaniline
Concen: 4.090 ng
RT: 13.304 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55



Tgt Ion: 65 Resp: 11718
Ion Ratio Lower Upper
65 100
92 68.2 54.4 81.6
138 88.4 76.5 114.7





#49

Acenaphthylene

Concen: 4.724 ng

RT: 13.939 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

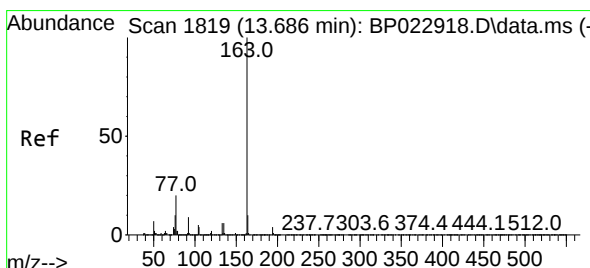
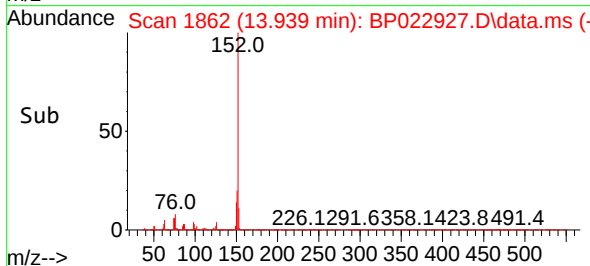
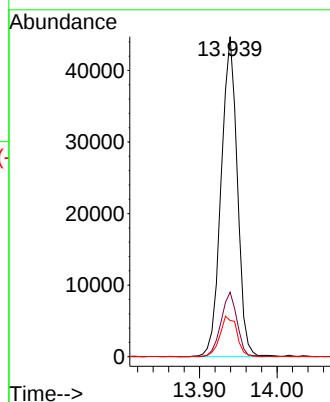
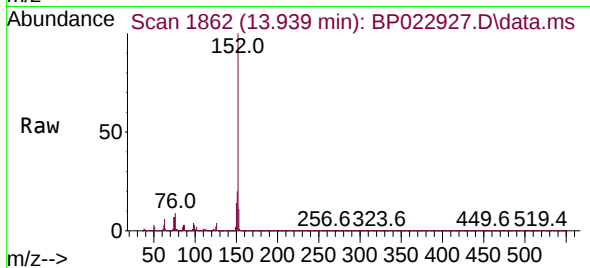
LOQ-SOIL-02-QT4-2024

Tgt Ion:	152	Resp:	64870
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	11.3	10.8	16.2

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 4.530 ng

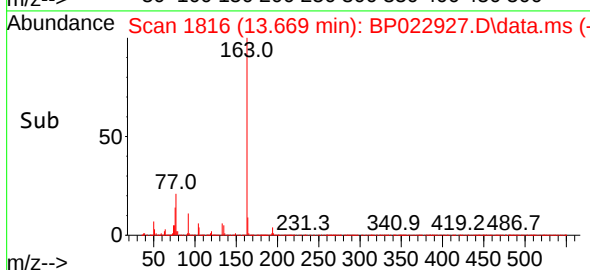
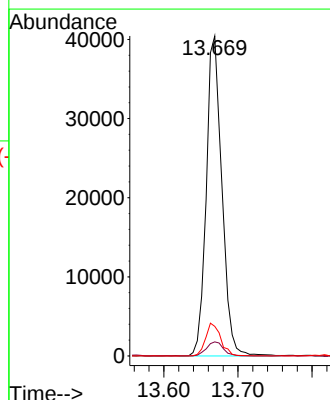
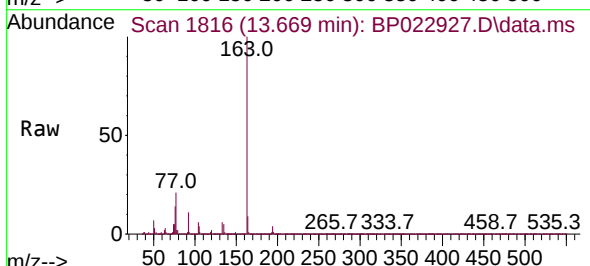
RT: 13.669 min Scan# 1816

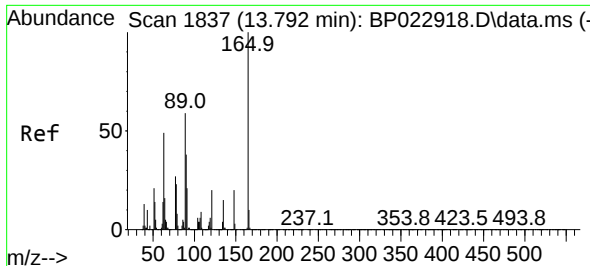
Delta R.T. -0.018 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

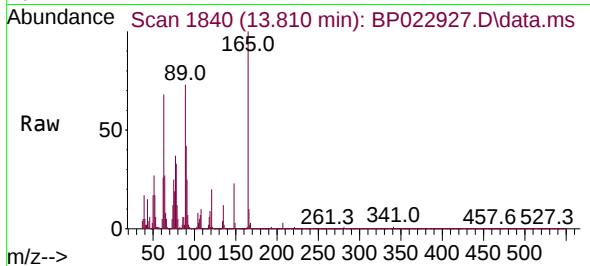
Tgt Ion:	163	Resp:	59132
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 3.924 ng
RT: 13.810 min Scan# 1840
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

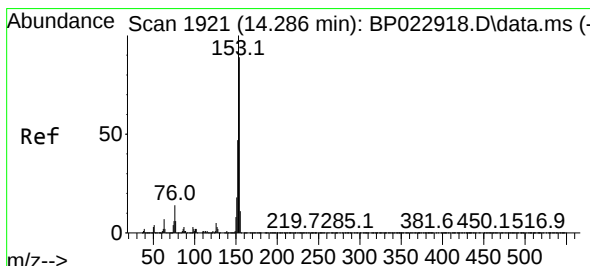
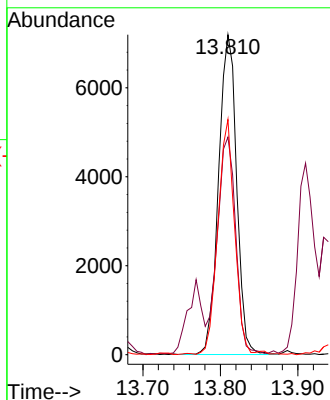
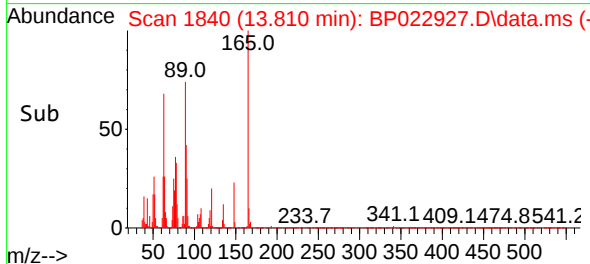
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:165 Resp: 1164
Ion Ratio Lower Upper
165 100
63 68.0 45.1 67.7
89 73.5 46.9 70.3

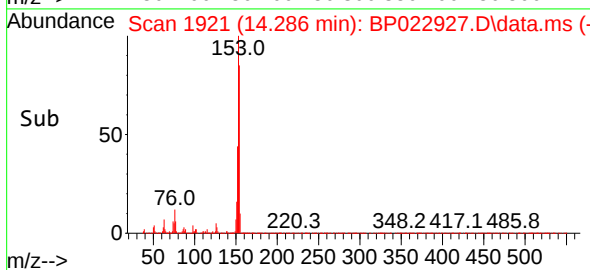
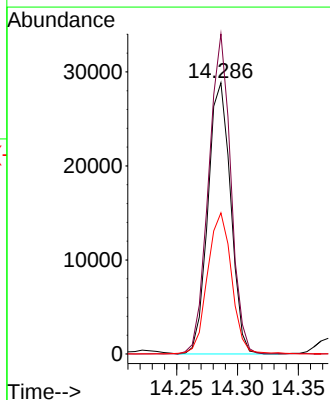
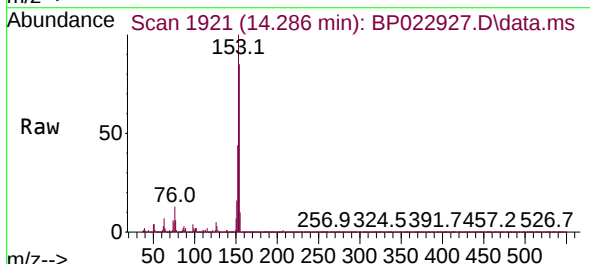
Manual Integrations
APPROVED

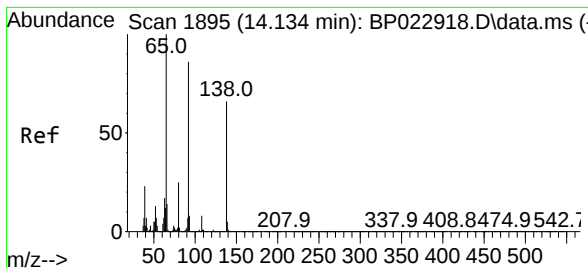
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#52
Acenaphthene
Concen: 4.235 ng
RT: 14.286 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

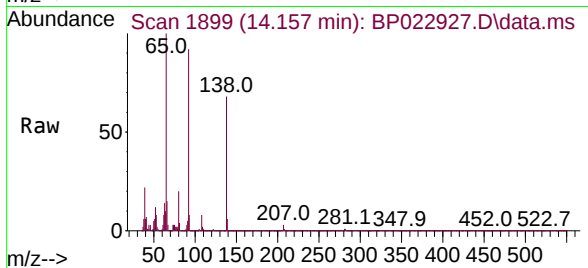
Tgt Ion:154 Resp: 37405
Ion Ratio Lower Upper
154 100
153 118.0 89.9 134.9
152 52.0 42.1 63.1





#53
3-Nitroaniline
Concen: 3.796 ng
RT: 14.157 min Scan# 1899
Delta R.T. 0.023 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

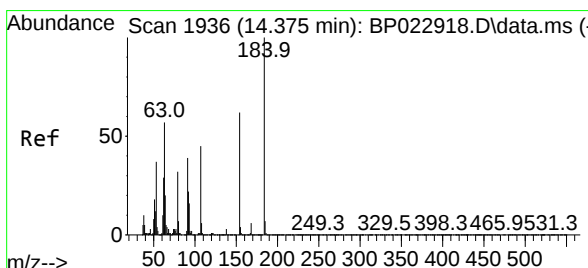
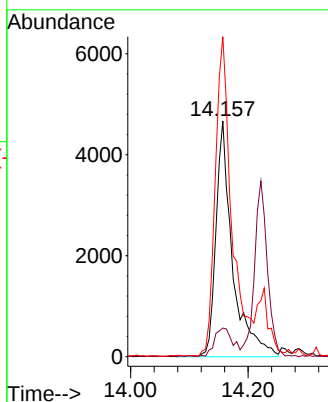
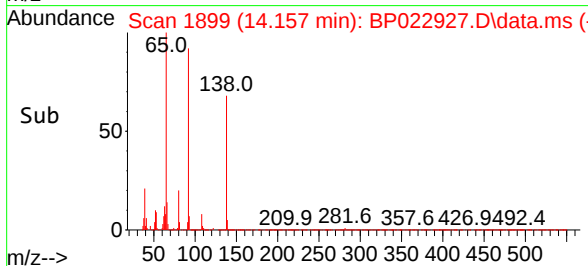
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:138 Resp: 915
Ion Ratio Lower Upper
138 100
108 12.2 10.2 15.2
92 135.7 104.2 156.2

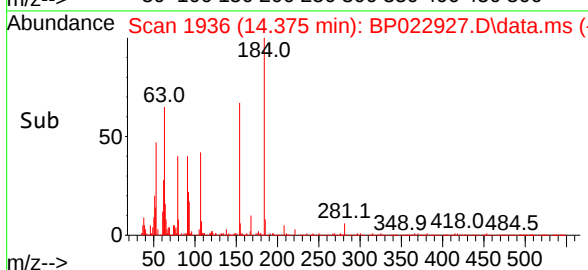
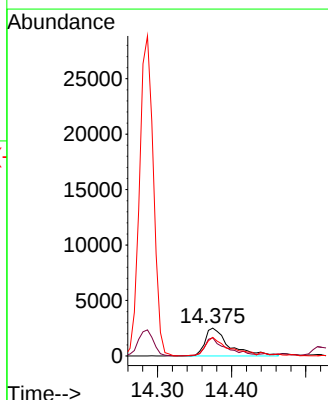
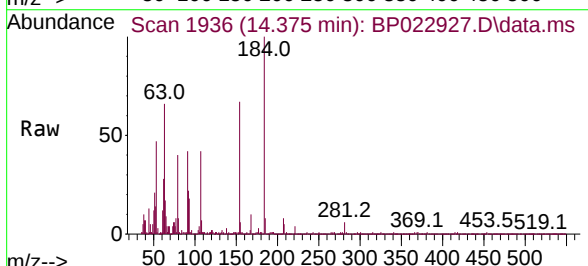
Manual Integrations
APPROVED

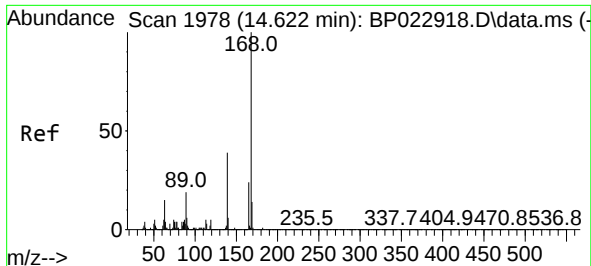
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#54
2,4-Dinitrophenol
Concen: 3.073 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:184 Resp: 5659
Ion Ratio Lower Upper
184 100
63 65.6 46.3 69.5
154 66.5 56.6 85.0





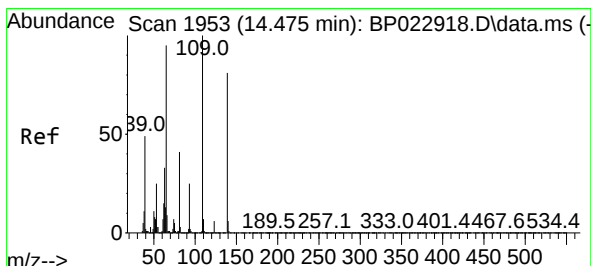
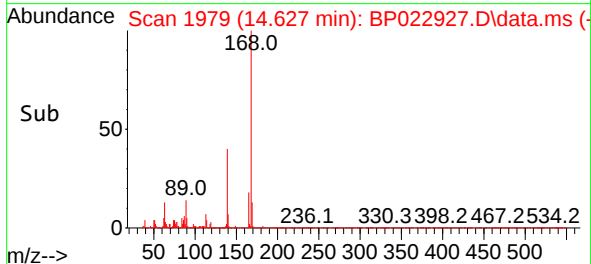
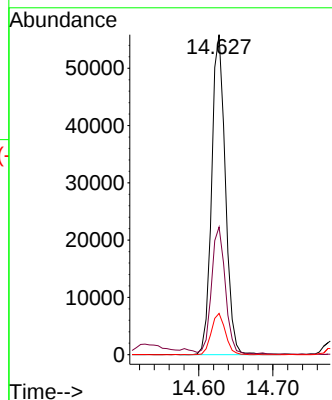
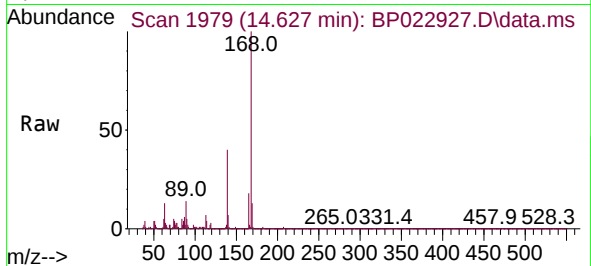
#55
Dibenzenofuran
Concen: 4.624 ng
RT: 14.627 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:168 Resp: 7172
Ion Ratio Lower Upper
168 100
139 39.9 31.1 46.7
169 12.9 11.0 16.6

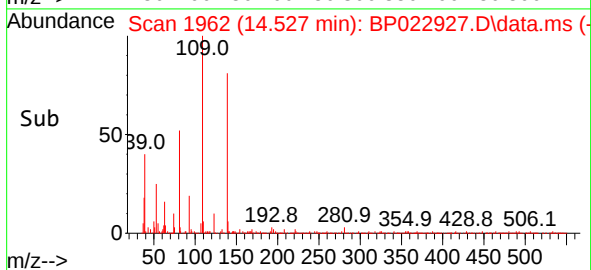
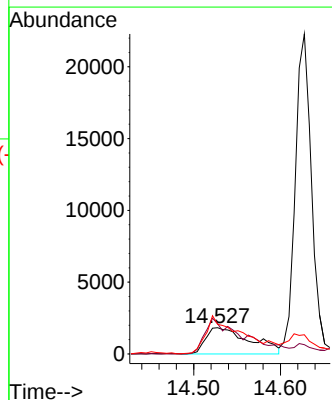
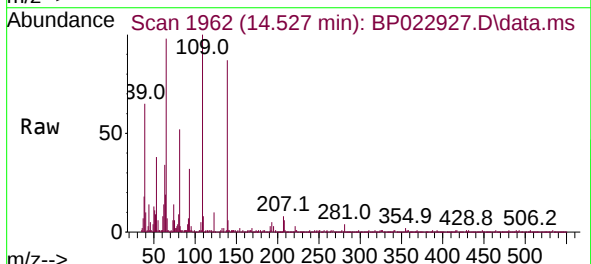
Manual Integrations
APPROVED

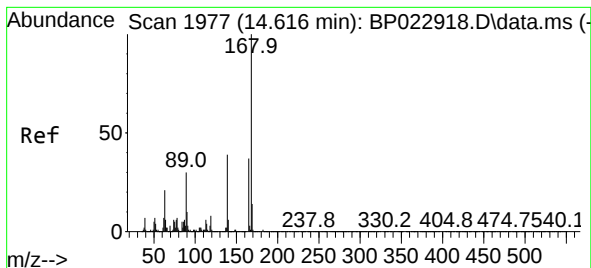
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#56
4-Nitrophenol
Concen: 3.259 ng m
RT: 14.527 min Scan# 1962
Delta R.T. 0.053 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

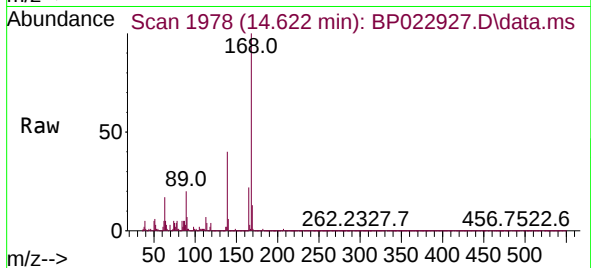
Tgt Ion:139 Resp: 6464
Ion Ratio Lower Upper
139 100
109 114.8 103.1 143.1
65 112.4 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 3.655 ng
RT: 14.622 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

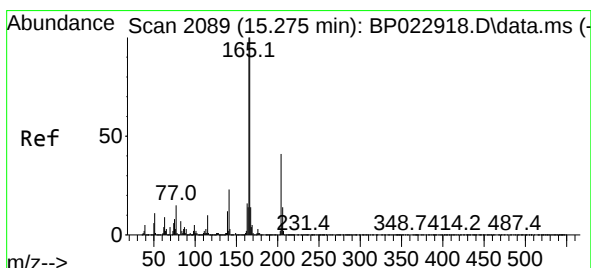
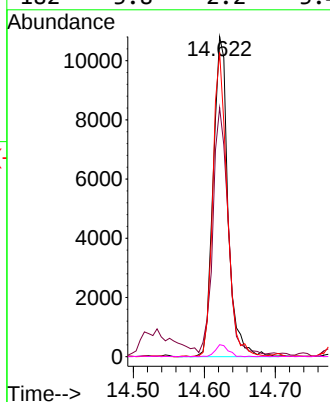
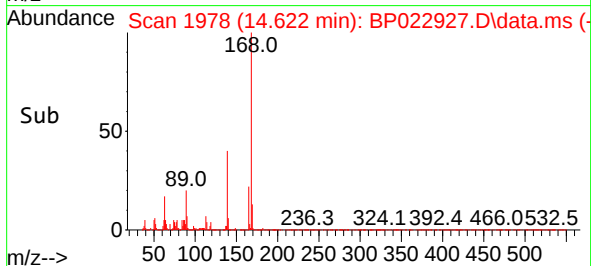
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:165 Resp: 1568
Ion Ratio Lower Upper
165 100
63 77.8 46.5 69.7
89 95.1 64.0 96.0
182 3.8 2.2 3.4#

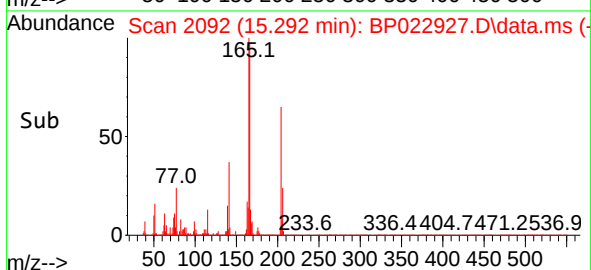
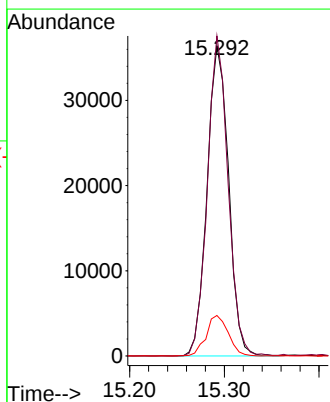
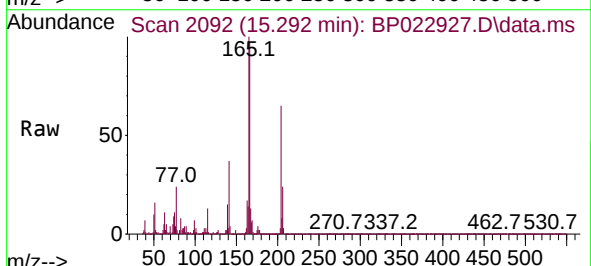
Manual Integrations
APPROVED

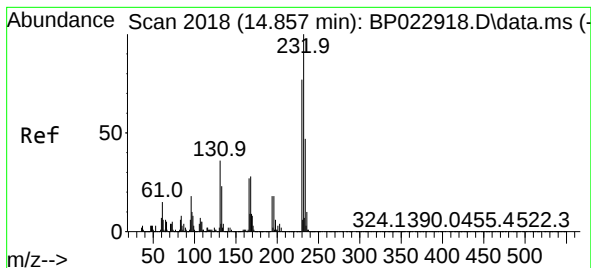
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#58
Fluorene
Concen: 4.455 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:166 Resp: 57402
Ion Ratio Lower Upper
166 100
165 103.1 80.1 120.1
167 13.0 11.1 16.7





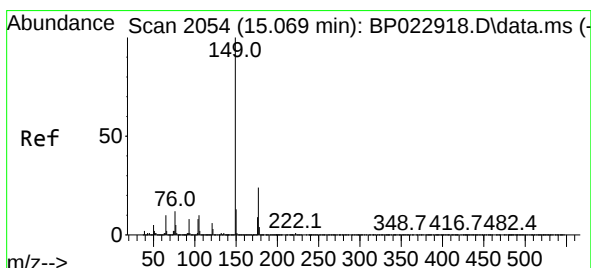
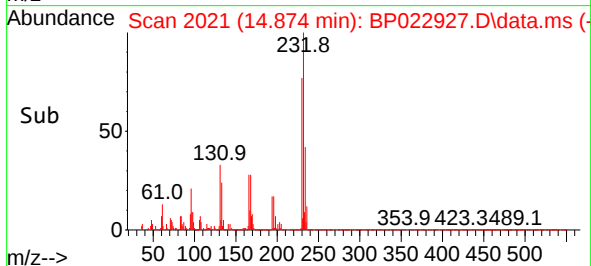
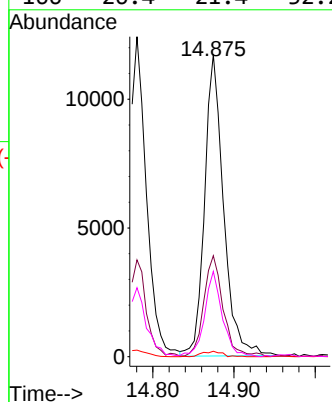
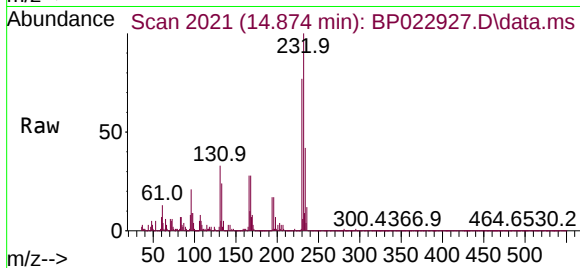
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.512 ng
RT: 14.874 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.0	28.2	42.2
130	1.9	1.7	2.5
166	26.4	21.4	32.2

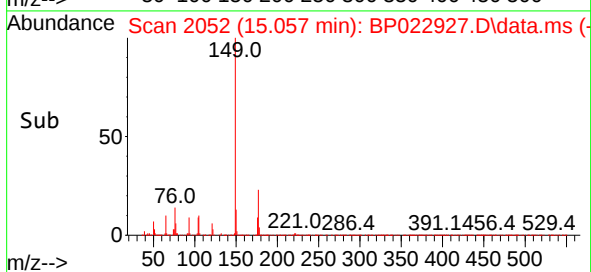
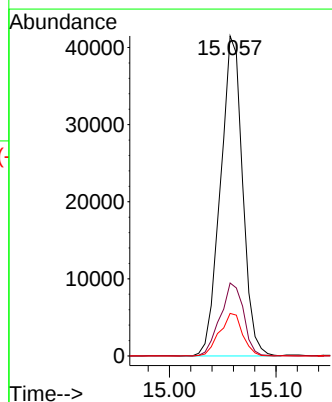
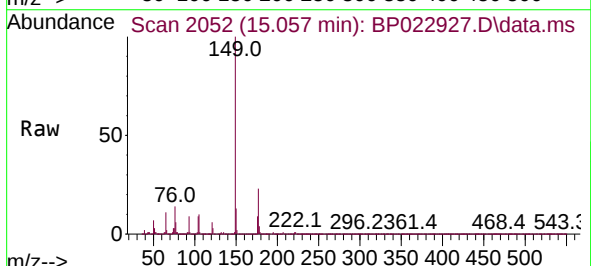
Manual Integrations
APPROVED

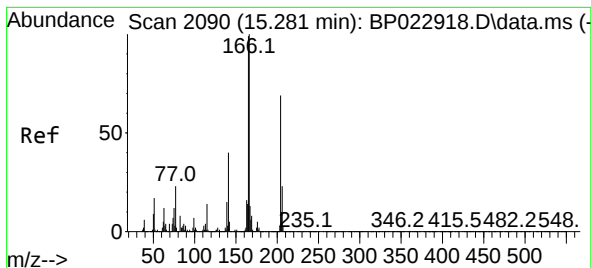
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#60
Diethylphthalate
Concen: 4.602 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

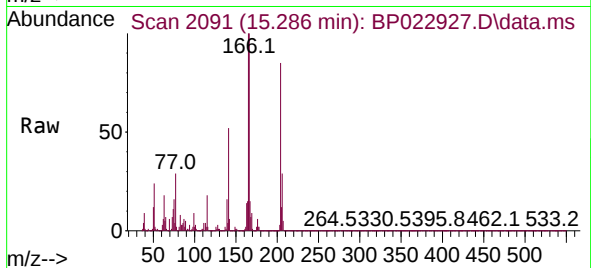
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.9	28.3
150	13.3	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 4.512 ng
RT: 15.286 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

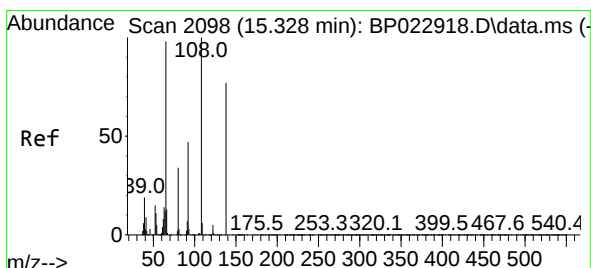
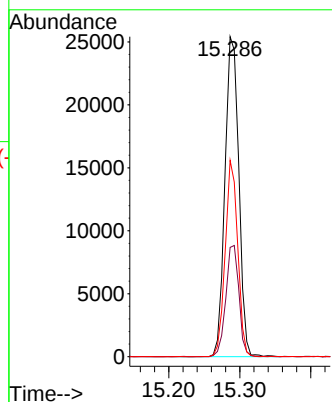
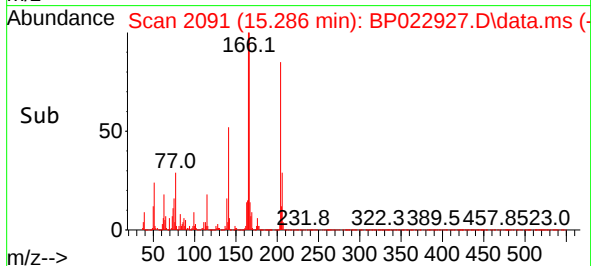
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2024



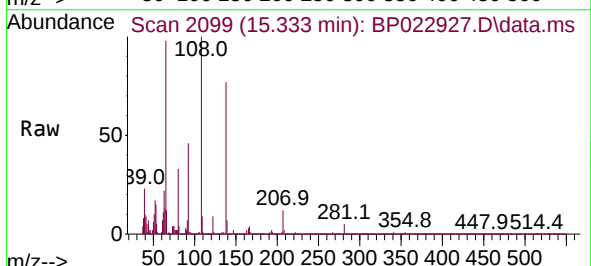
Tgt Ion:204 Resp: 34269
Ion Ratio Lower Upper
204 100
206 34.1 26.8 40.2
141 61.4 46.2 69.4

Manual Integrations
APPROVED

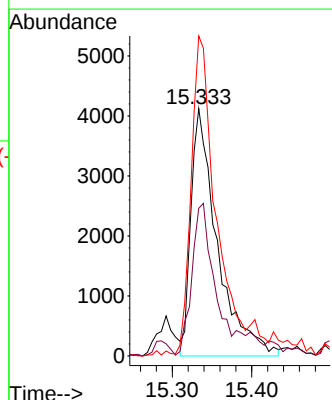
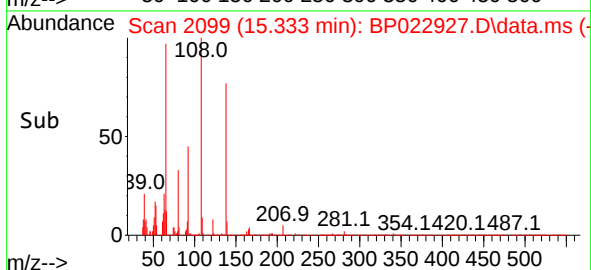
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

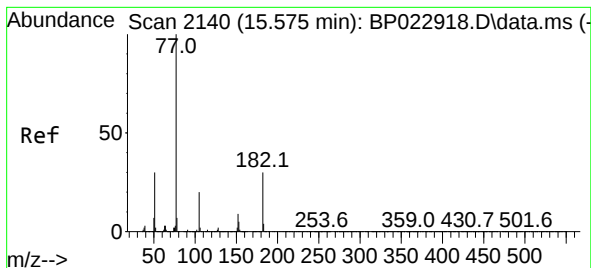


#62
4-Nitroaniline
Concen: 3.847 ng m
RT: 15.333 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55



Tgt Ion:138 Resp: 9519
Ion Ratio Lower Upper
138 100
92 59.7 41.9 81.9
108 129.3 109.3 149.3





#63

Azobenzene

Concen: 4.498 ng

RT: 15.592 min Scan# 2143

Delta R.T. 0.018 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

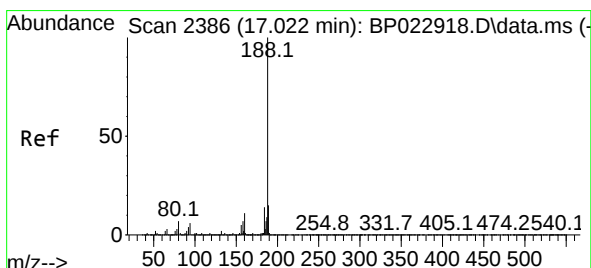
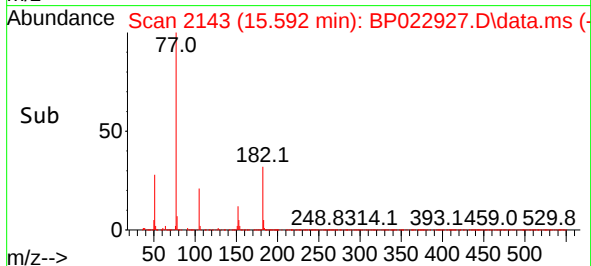
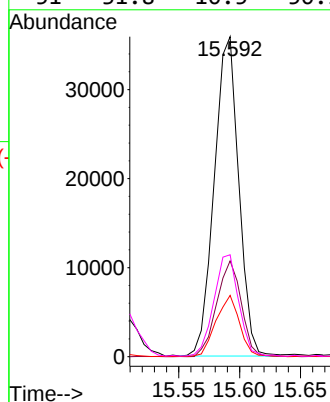
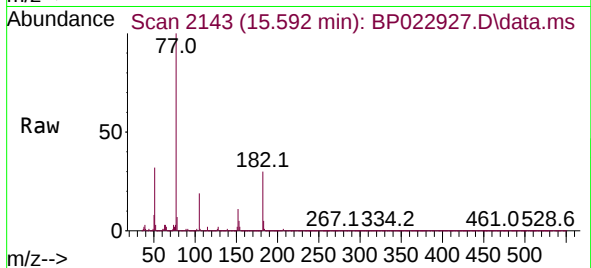
LOQ-SOIL-02-QT4-2024

Tgt Ion: 77	Resp: 5020
Ion Ratio	Lower Upper
77 100	
182 30.0	9.9 49.9
105 19.2	0.0 39.9
51 31.8	10.5 50.5

Manual Integrations

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



#64

Phenanthrene-d10

Concen: 20.000 ng

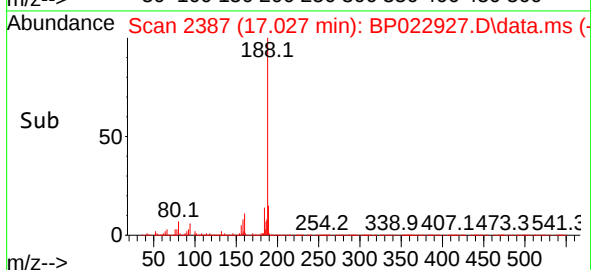
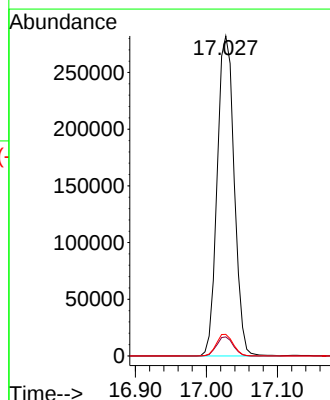
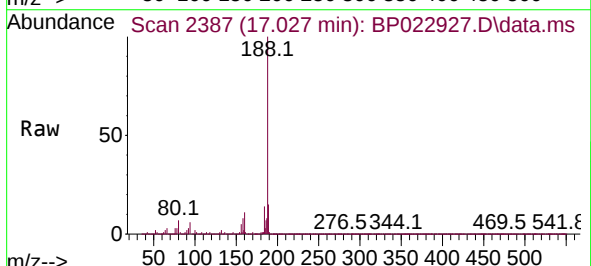
RT: 17.027 min Scan# 2387

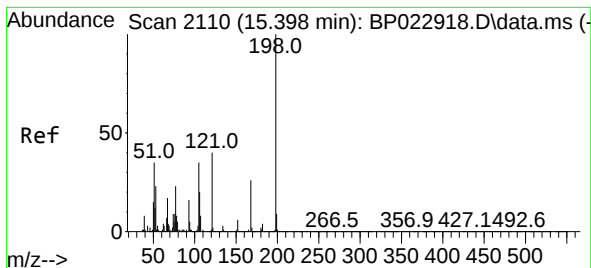
Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:188	Resp: 467156
Ion Ratio	Lower Upper
188 100	
94 6.0	4.8 7.2
80 6.7	5.9 8.9





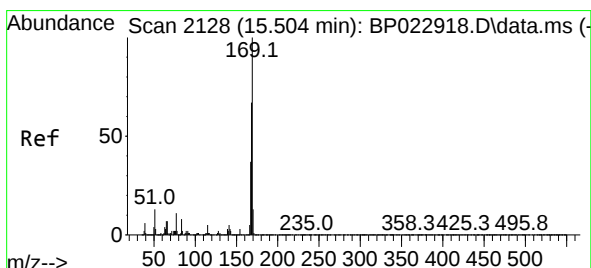
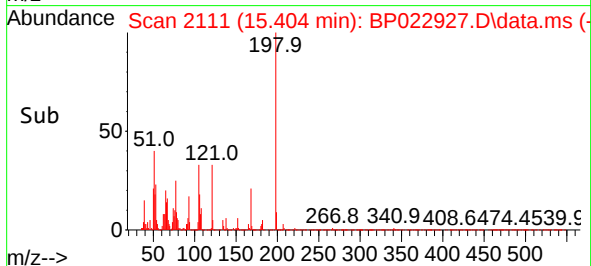
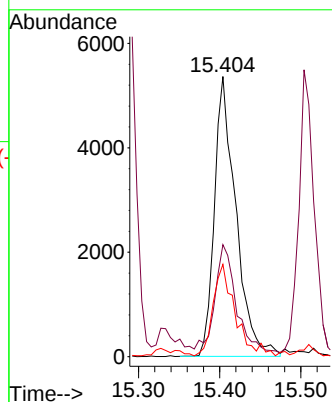
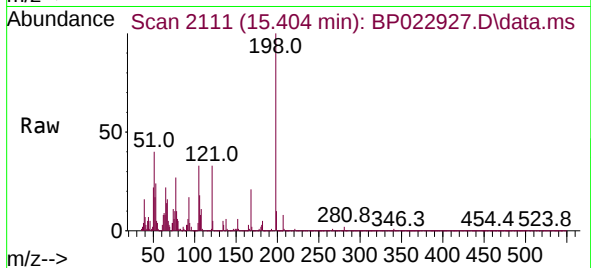
#65
4,6-Dinitro-2-methylphenol
Concen: 3.461 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion	198	51	105
Ratio	100	40.0	32.9
Lower		17.4	15.4
Upper		57.4	55.4

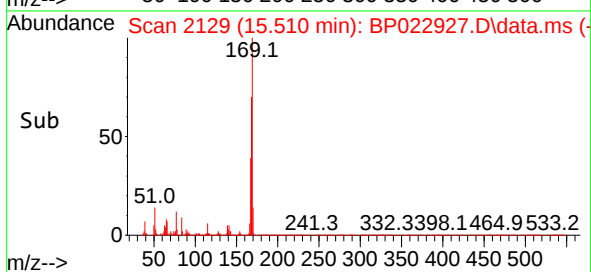
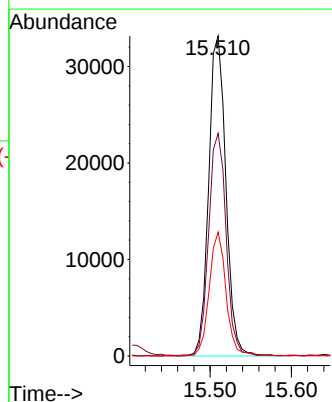
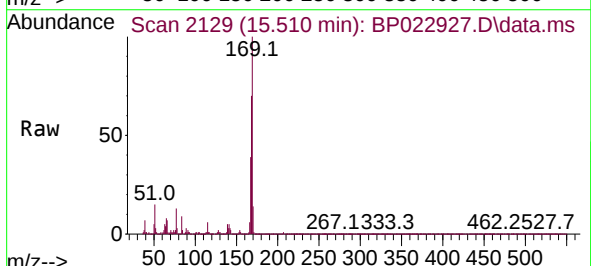
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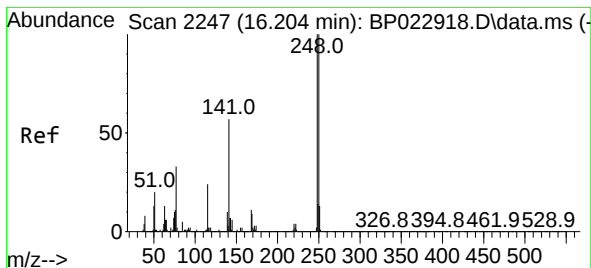
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#66
n-Nitrosodiphenylamine
Concen: 4.217 ng
RT: 15.510 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion	169	168	167
Ratio	100	69.5	38.7
Lower		53.9	29.4
Upper		80.9	44.0





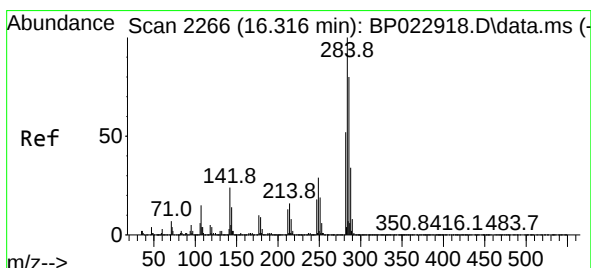
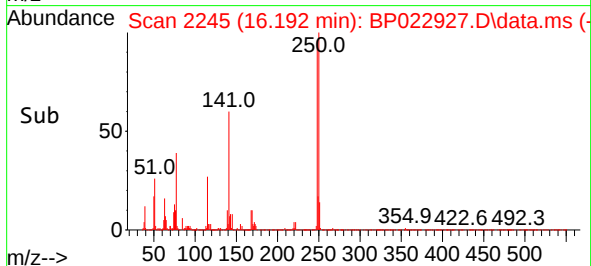
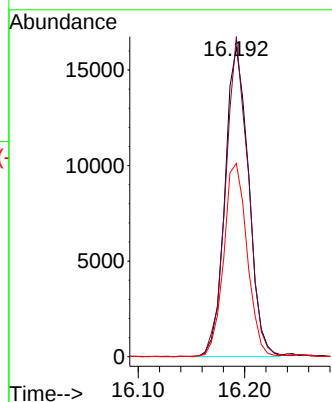
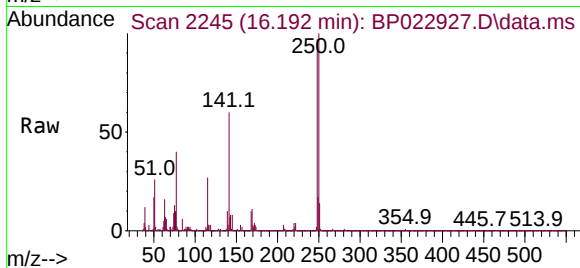
#67
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 16.192 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:248 Resp: 2490
Ion Ratio Lower Upper
248 100
250 103.4 79.8 119.6
141 62.5 45.2 67.8

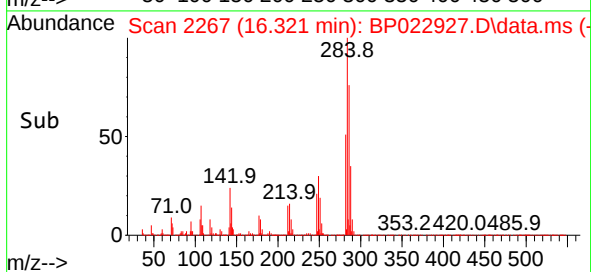
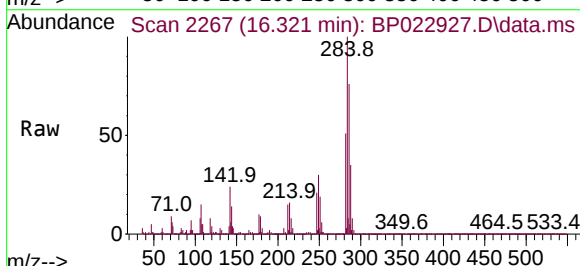
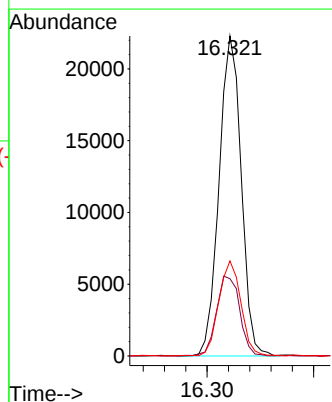
Manual Integrations
APPROVED

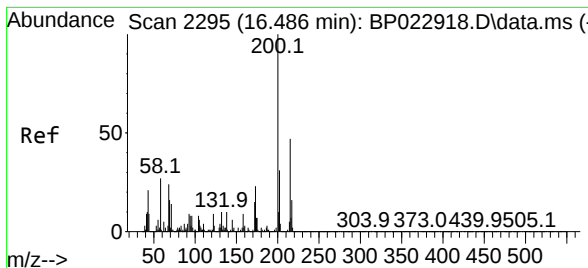
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#68
Hexachlorobenzene
Concen: 4.476 ng
RT: 16.321 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:284 Resp: 32124
Ion Ratio Lower Upper
284 100
142 24.1 19.0 28.4
249 29.7 23.0 34.6





#69

Atrazine

Concen: 5.806 ng

RT: 16.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

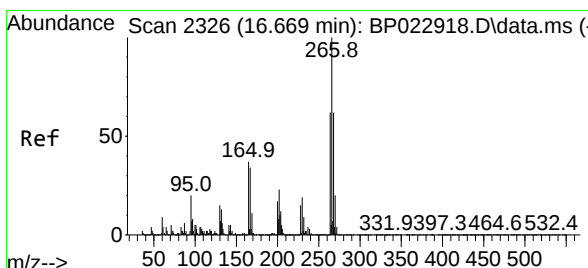
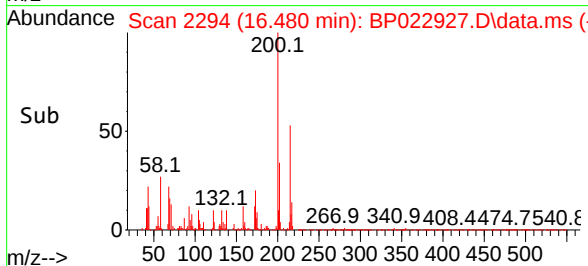
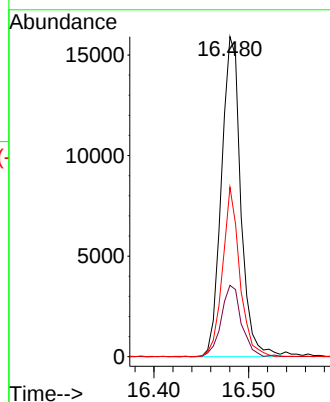
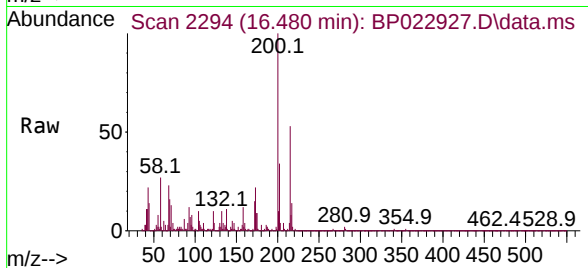
LOQ-SOIL-02-QT4-2024

Tgt Ion:	200	Resp:	22604
Ion Ratio	Lower	Upper	
200	100		
173	22.3	2.7	42.7
215	53.0	27.1	67.1

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 3.759 ng

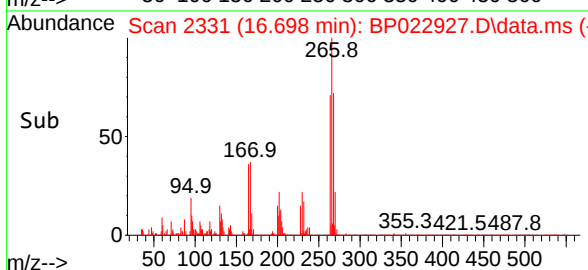
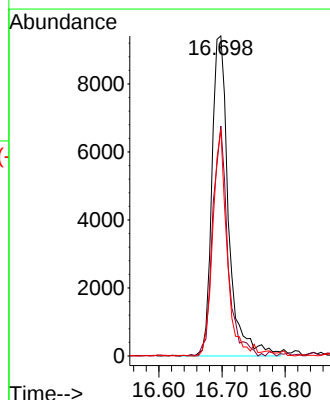
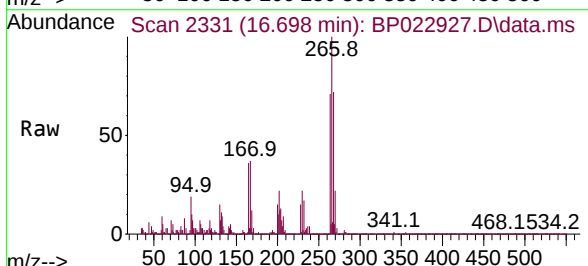
RT: 16.698 min Scan# 2331

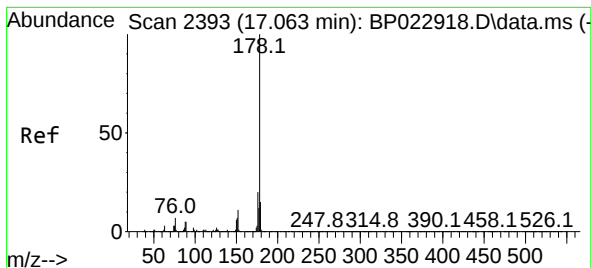
Delta R.T. 0.029 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:	266	Resp:	17230
Ion Ratio	Lower	Upper	
266	100		
268	71.8	49.9	74.9
264	70.8	49.7	74.5





#71

Phenanthrene

Concen: 4.613 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

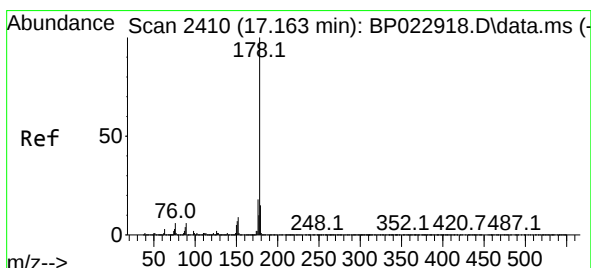
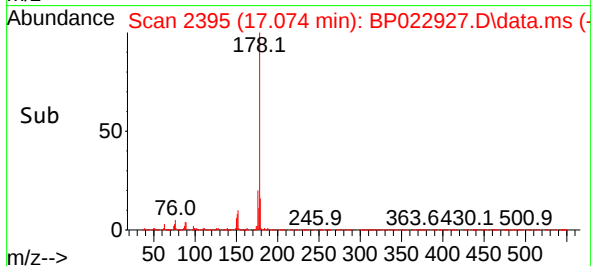
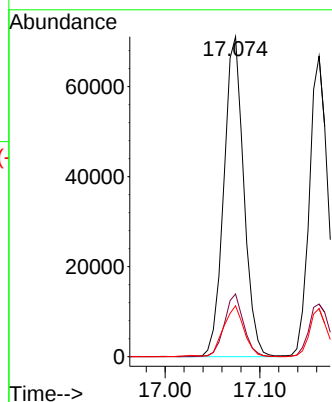
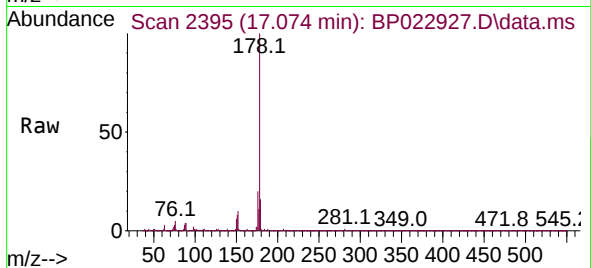
LOQ-SOIL-02-QT4-2024

Tgt Ion:178	Resp: 10428
Ion Ratio	Lower Upper
178	100
176	19.6 15.6 23.4
179	15.9 12.0 18.0

Manual Integrations

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



#72

Anthracene

Concen: 4.252 ng

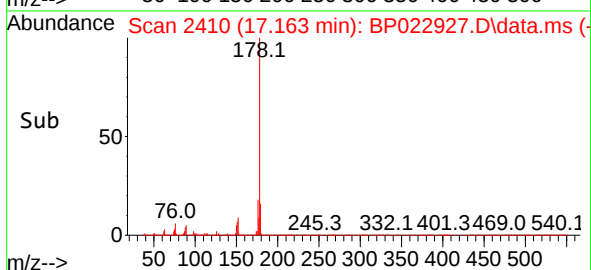
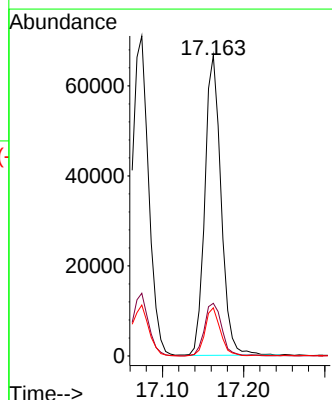
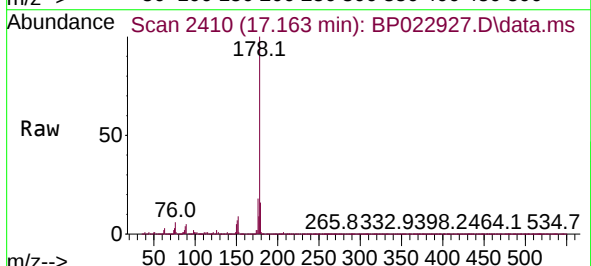
RT: 17.163 min Scan# 2410

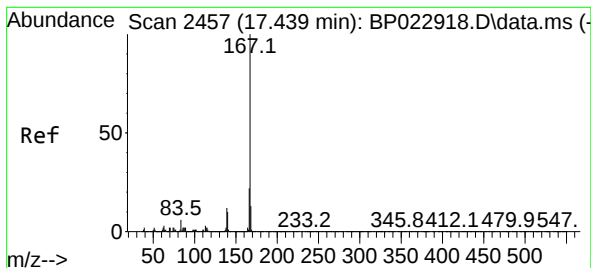
Delta R.T. -0.000 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:178	Resp: 92265
Ion Ratio	Lower Upper
178	100
176	17.5 14.6 22.0
179	16.0 12.3 18.5





#73

Carbazole

Concen: 4.212 ng

RT: 17.451 min Scan# 2457

Delta R.T. 0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

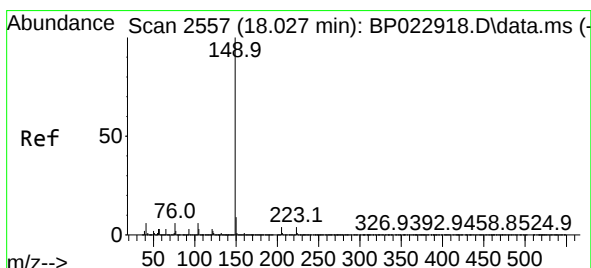
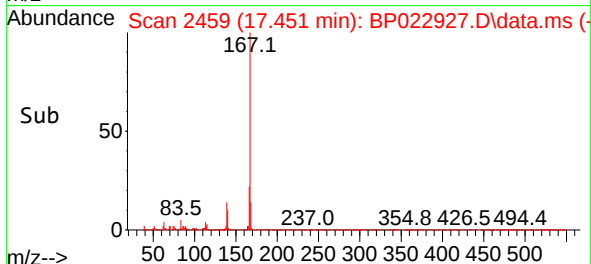
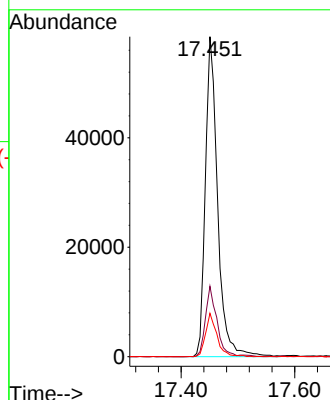
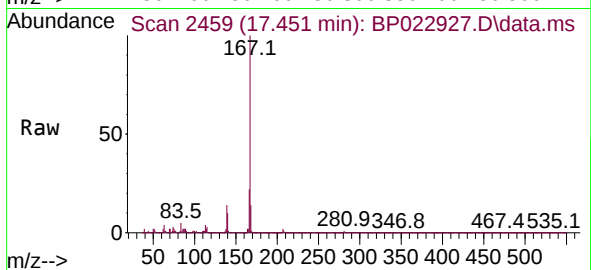
ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:167	Resp: 8728
Ion Ratio	Lower Upper
167 100	
166 22.0	17.4 26.2
139 13.6	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: 4.078 ng

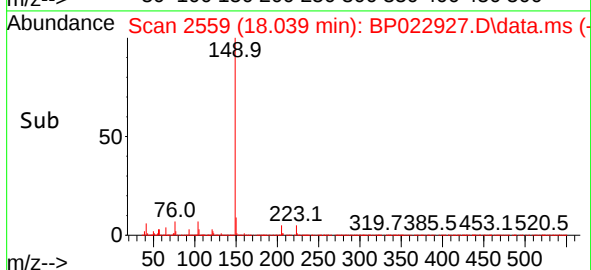
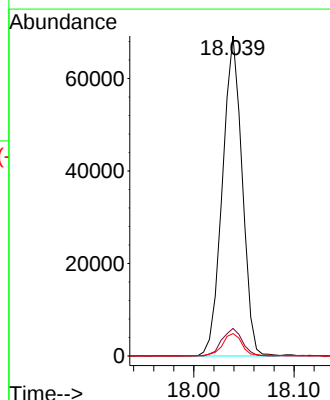
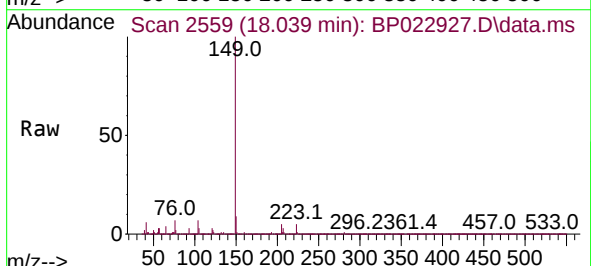
RT: 18.039 min Scan# 2559

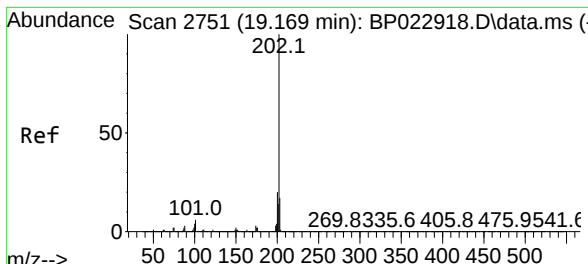
Delta R.T. 0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:149	Resp: 94183
Ion Ratio	Lower Upper
149 100	
150 8.6	7.2 10.8
104 7.0	4.8 7.2



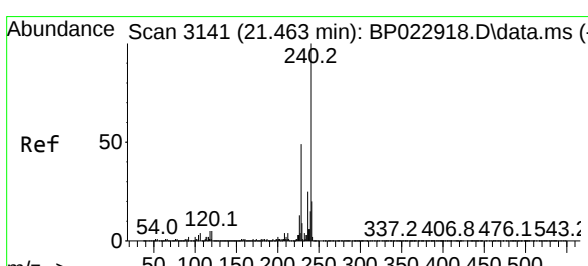
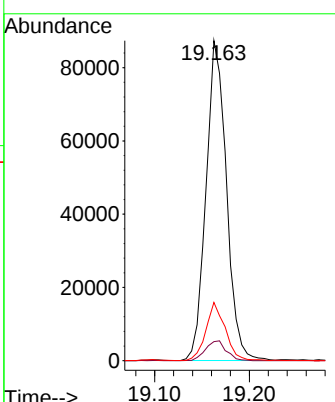
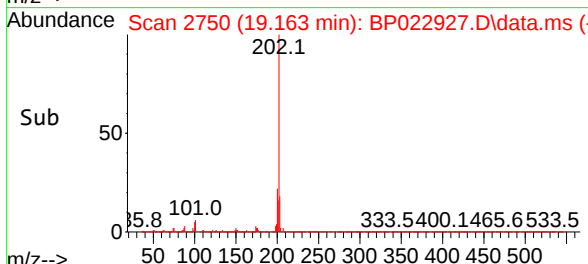
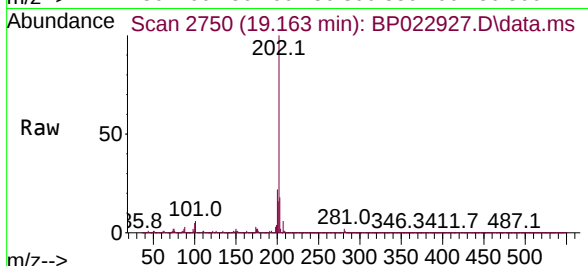


#75
 Fluoranthene
 Concen: 4.177 ng
 RT: 19.163 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP022927.D
 Acq: 08 Nov 2024 09:55

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

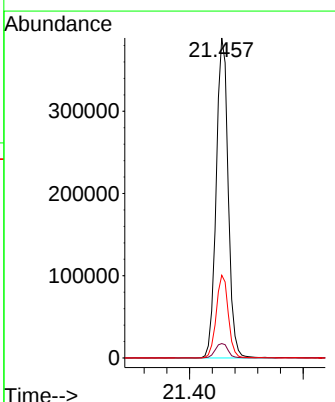
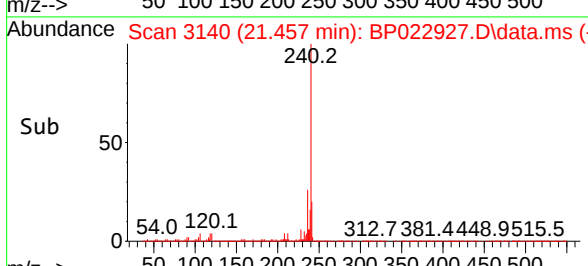
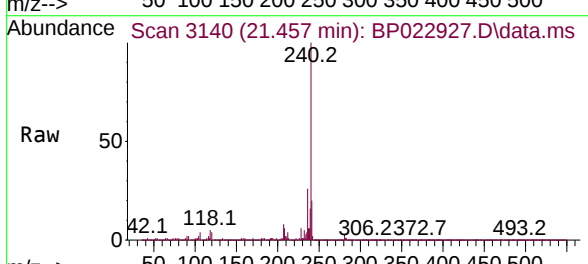
Tgt Ion:	202	Resp:	130990
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	25.5
203	18.2	0.0	37.2

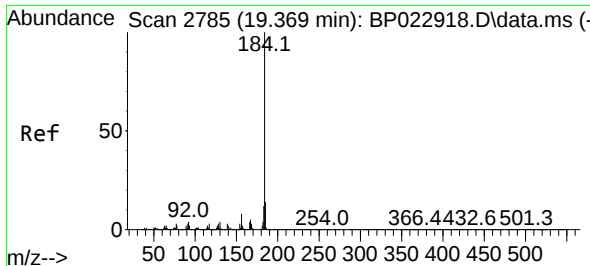
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.457 min Scan# 3140
 Delta R.T. -0.006 min
 Lab File: BP022927.D
 Acq: 08 Nov 2024 09:55

Tgt Ion:	240	Resp:	569950
Ion Ratio	Lower	Upper	
240	100		
120	4.5	4.2	6.2
236	25.8	20.4	30.6





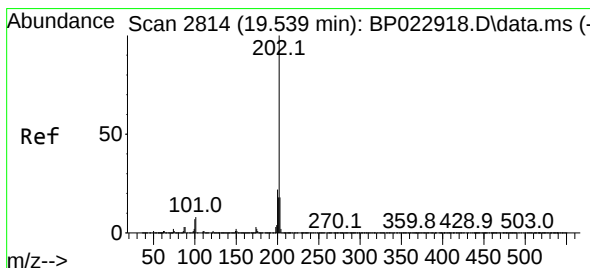
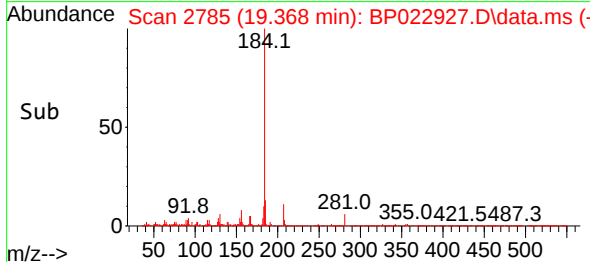
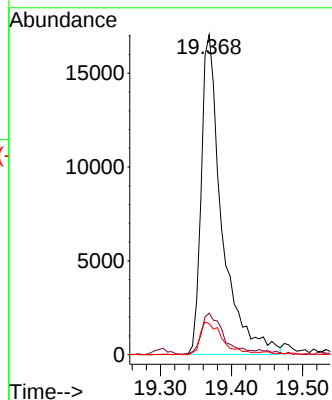
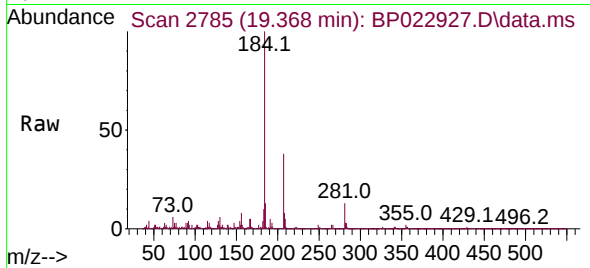
#77
Benzidine
Concen: 3.059 ng
RT: 19.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:184 Resp: 3445
Ion Ratio Lower Upper
184 100
185 13.0 11.3 16.9
183 9.7 9.7 14.5

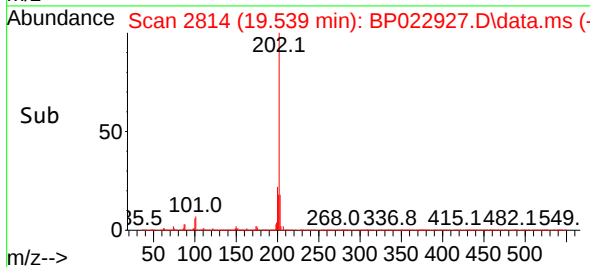
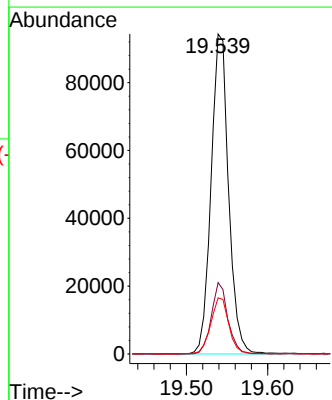
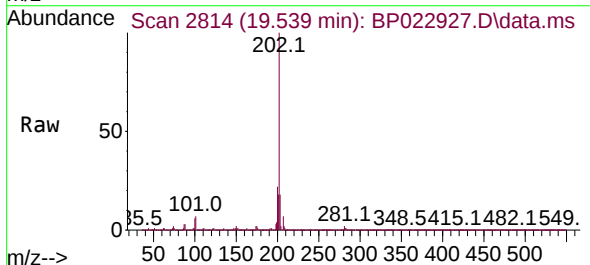
Manual Integrations
APPROVED

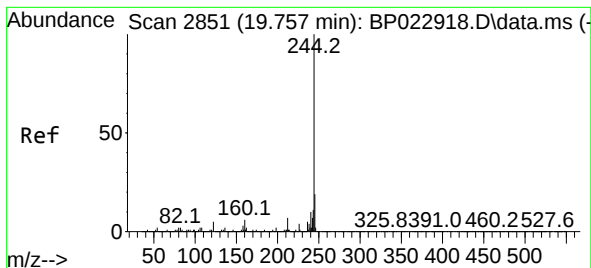
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#78
Pyrene
Concen: 4.181 ng
RT: 19.539 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:202 Resp: 141053
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.0
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 80.967 ng

RT: 19.757 min Scan# 2851

Delta R.T. -0.000 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:244 Resp: 2457218

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

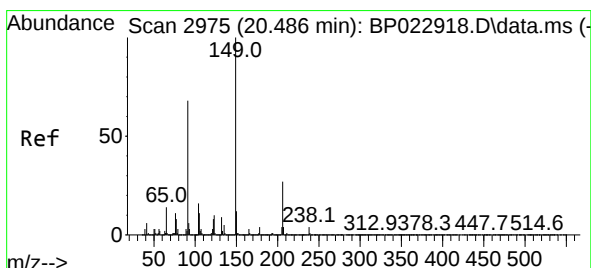
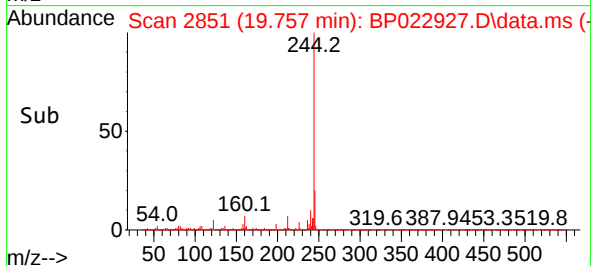
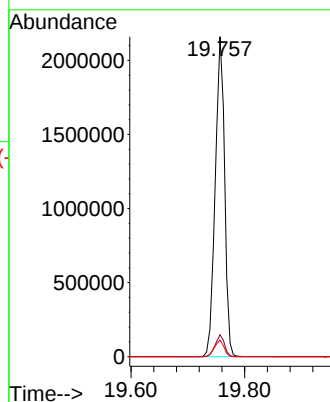
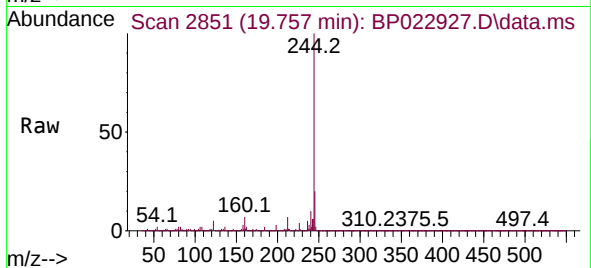
122 5.2 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2024

Supervised By :mohammad ahmed 11/11/2024



#80

Butylbenzylphthalate

Concen: 3.811 ng

RT: 20.492 min Scan# 2976

Delta R.T. 0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

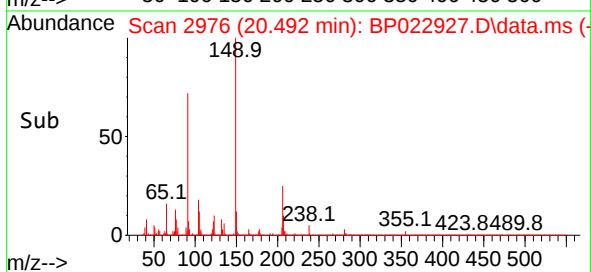
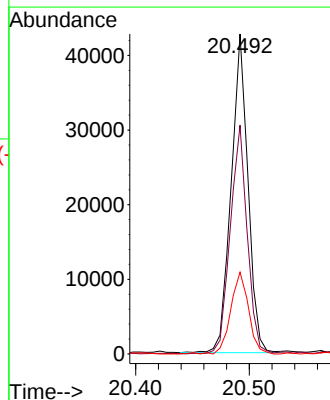
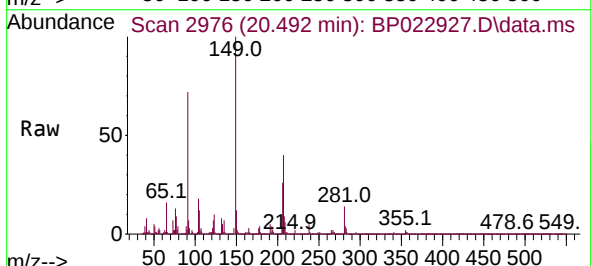
Tgt Ion:149 Resp: 43843

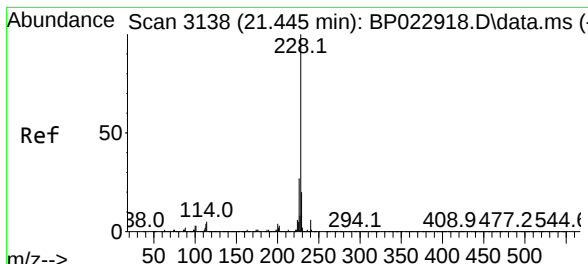
Ion Ratio Lower Upper

149 100

91 71.5 54.6 82.0

206 25.5 21.3 31.9



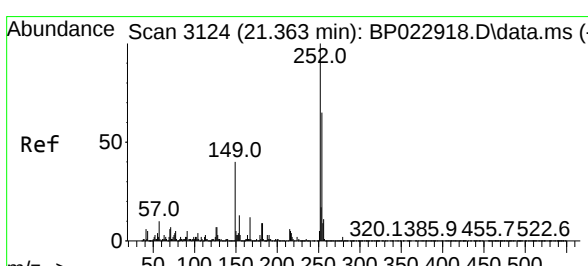
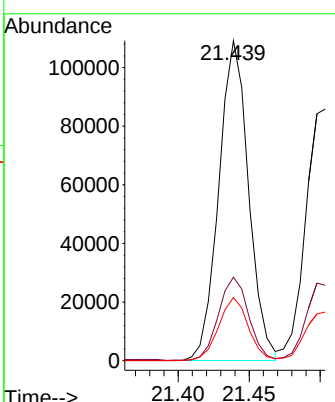
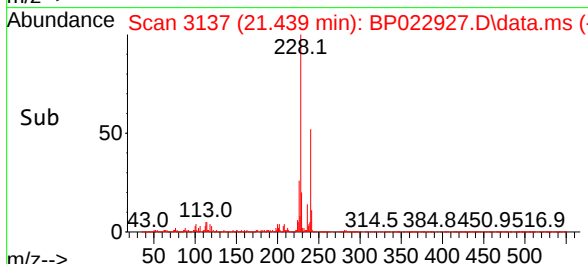
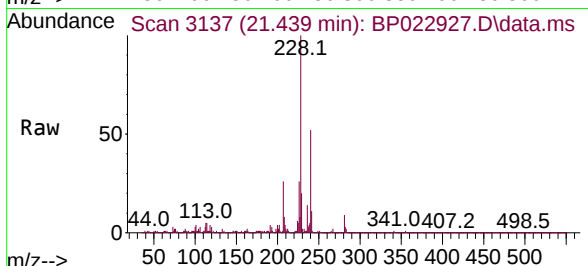


#81
 Benzo(a)anthracene
 Concen: 4.487 ng
 RT: 21.439 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BP022927.D
 Acq: 08 Nov 2024 09:55

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

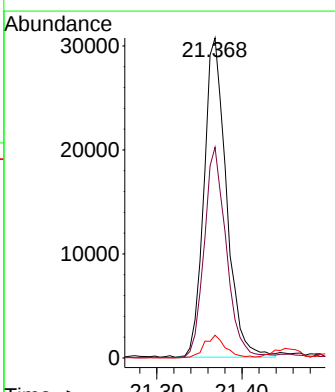
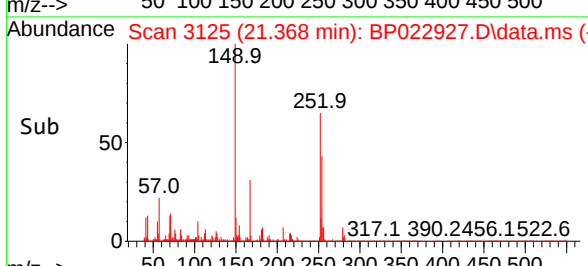
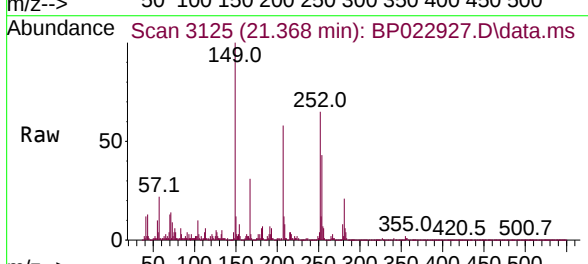
Tgt Ion:	228	Resp:	15912
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.8	32.6
229	19.8	16.0	24.0

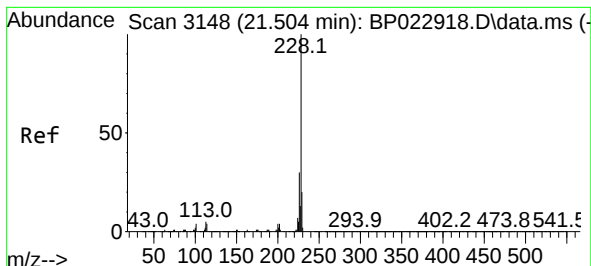
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 3.907 ng
 RT: 21.368 min Scan# 3125
 Delta R.T. 0.006 min
 Lab File: BP022927.D
 Acq: 08 Nov 2024 09:55

Tgt Ion:	252	Resp:	56090
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.7	77.5
126	7.1	5.4	8.0





#83

Chrysene

Concen: 4.612 ng

RT: 21.504 min Scan# 3148

Delta R.T. -0.000 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

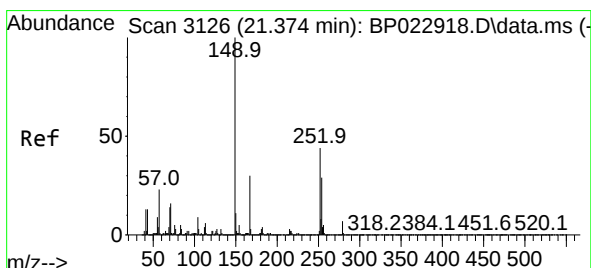
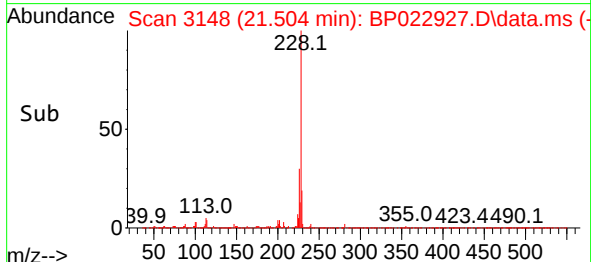
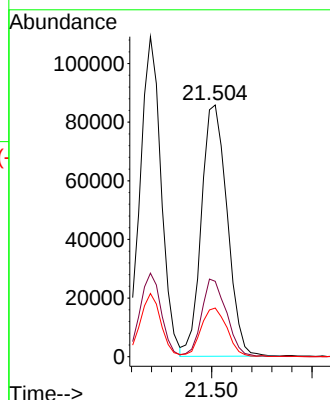
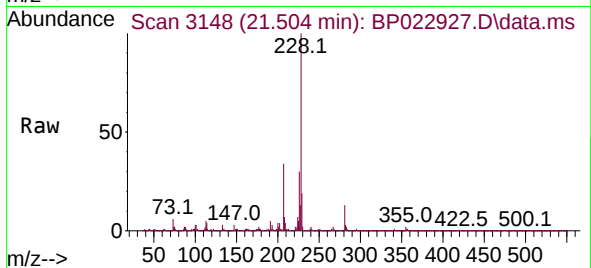
LOQ-SOIL-02-QT4-2024

Tgt Ion:	228	Resp:	153210
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	19.3	15.8	23.8

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.927 ng

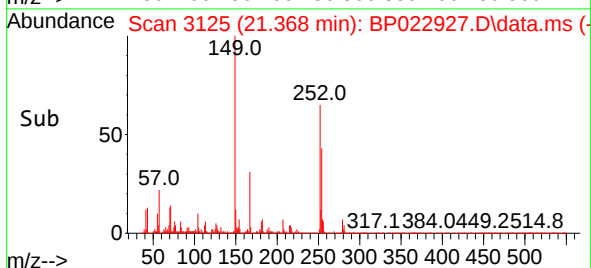
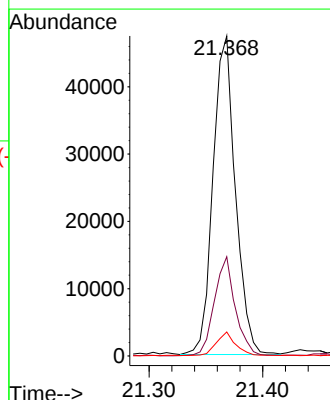
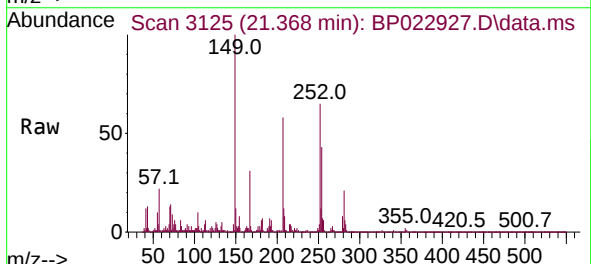
RT: 21.368 min Scan# 3125

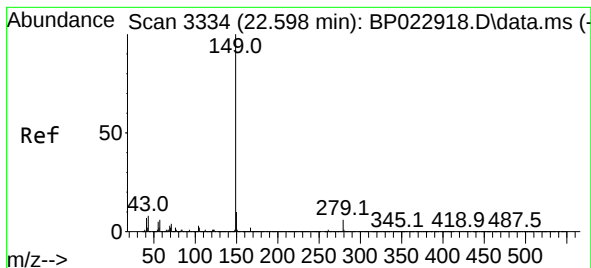
Delta R.T. -0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:	149	Resp:	64831
Ion Ratio	Lower	Upper	
149	100		
167	31.0	23.7	35.5
279	7.5	5.3	7.9





#85

Di-n-octyl phthalate

Concen: 4.211 ng

RT: 22.592 min Scan# 311

Delta R.T. -0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

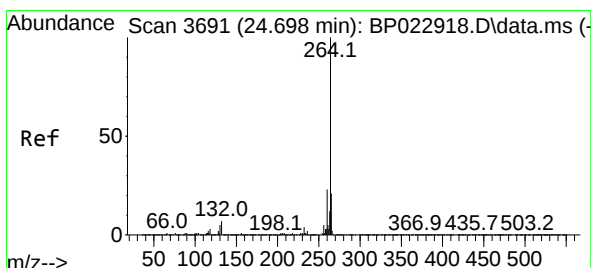
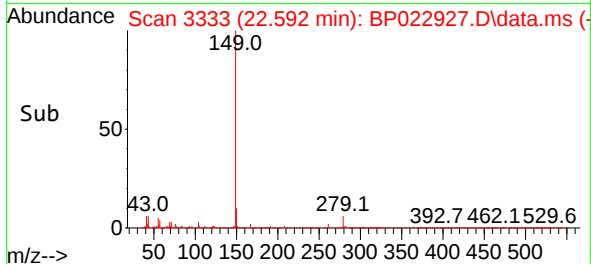
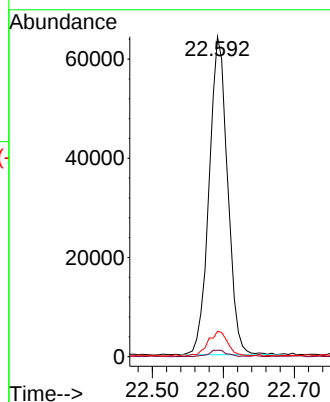
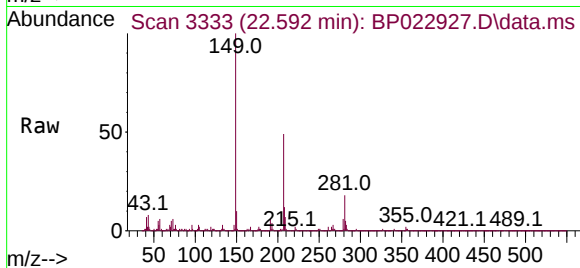
LOQ-SOIL-02-QT4-2024

Tgt Ion:	149	Resp:	116172
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	7.9	6.3	9.5

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

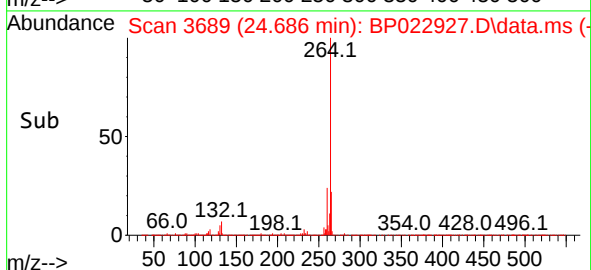
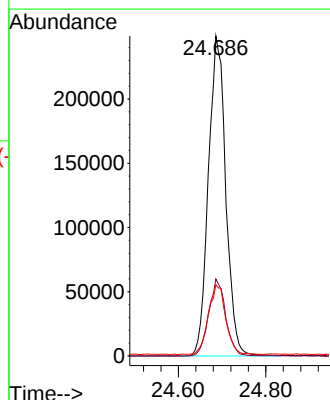
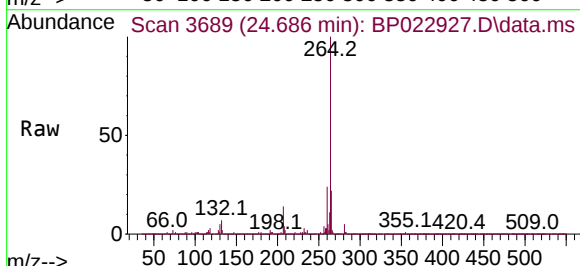
RT: 24.686 min Scan# 3689

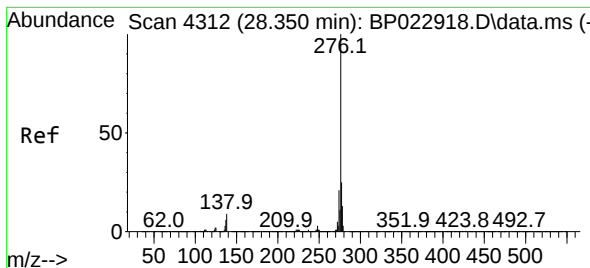
Delta R.T. -0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:	264	Resp:	687342
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.6	28.0
265	22.3	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.829 ng

RT: 28.339 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

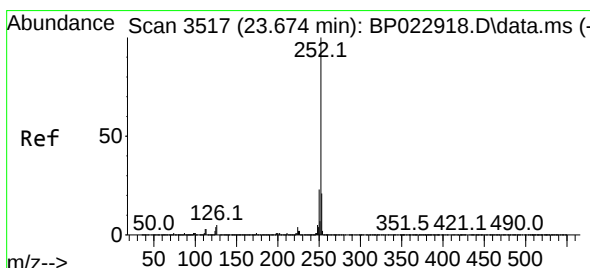
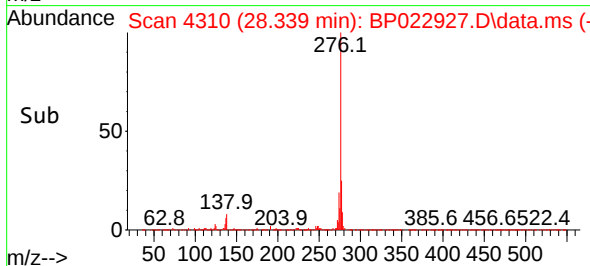
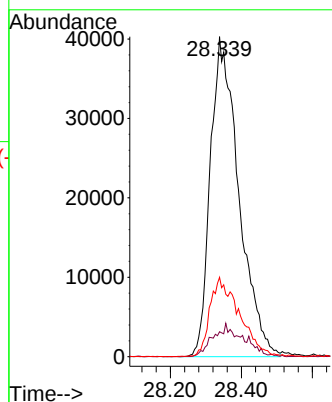
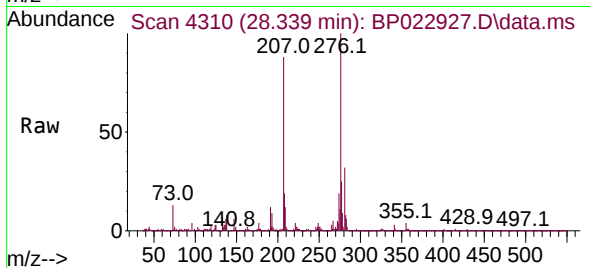
LOQ-SOIL-02-QT4-2024

Tgt Ion:	276	Resp:	22387
Ion Ratio	Lower	Upper	
276	100		
138	8.9	8.7	13.1
277	14.5	20.3	30.5

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 4.379 ng

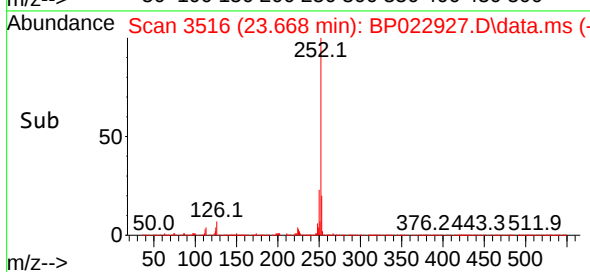
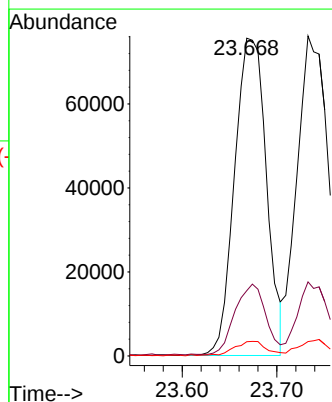
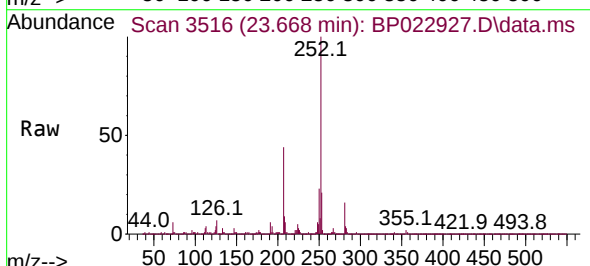
RT: 23.668 min Scan# 3516

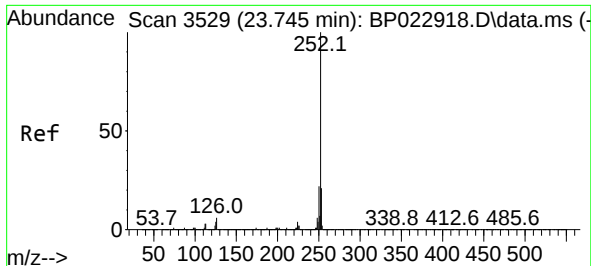
Delta R.T. -0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:	252	Resp:	176823
Ion Ratio	Lower	Upper	
252	100		
253	20.5	16.8	25.2
125	4.5	3.2	4.8





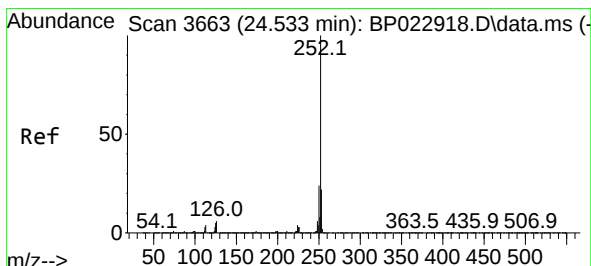
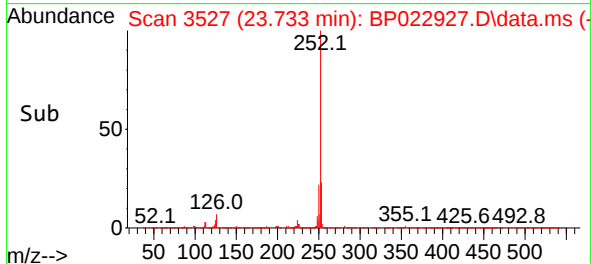
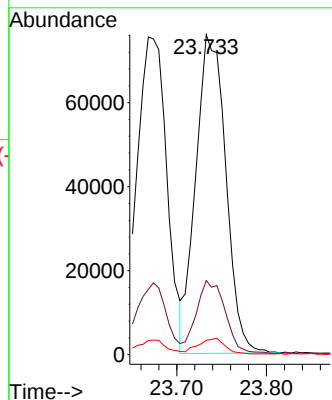
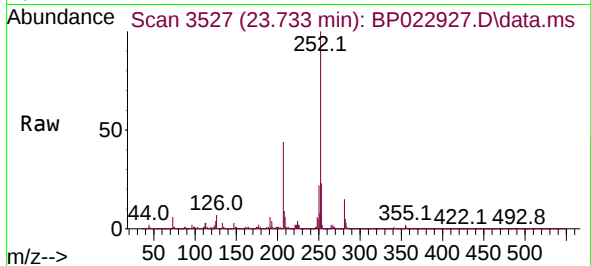
#89
Benzo(k)fluoranthene
Concen: 4.619 ng
RT: 23.733 min Scan# 3529
Delta R.T. -0.012 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

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

Tgt Ion:252 Resp: 176110
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 4.5 3.4 5.2

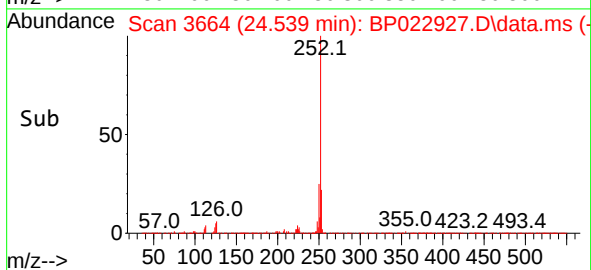
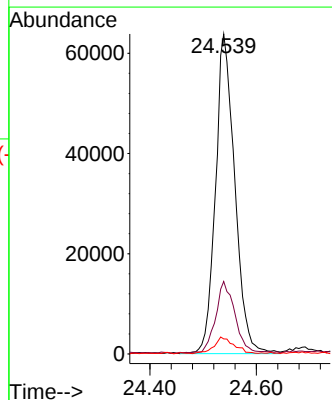
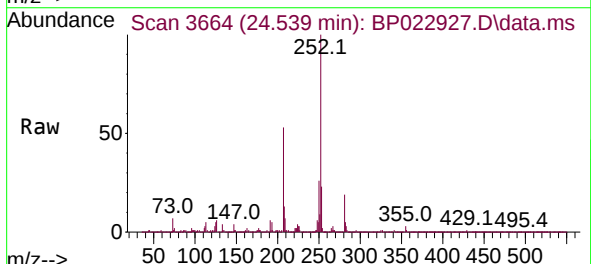
Manual Integrations
APPROVED

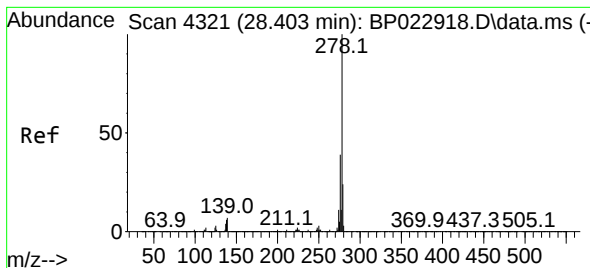
Reviewed By :Jagrut Upadhyay 11/08/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(a)pyrene
Concen: 4.645 ng
RT: 24.539 min Scan# 3664
Delta R.T. 0.006 min
Lab File: BP022927.D
Acq: 08 Nov 2024 09:55

Tgt Ion:252 Resp: 160498
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 4.7 4.0 6.0





#91

Dibenzo(a,h)anthracene

Concen: 4.827 ng

RT: 28.397 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2024

Tgt Ion:278 Resp: 18351

Ion Ratio Lower Upper

278 100

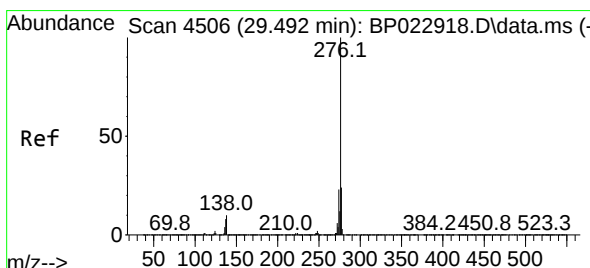
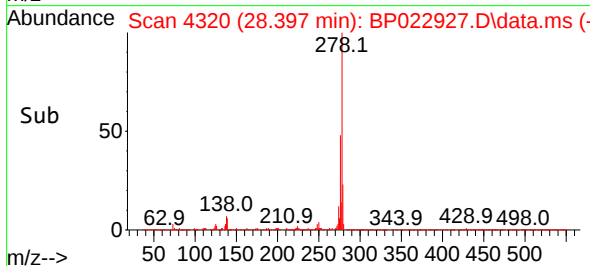
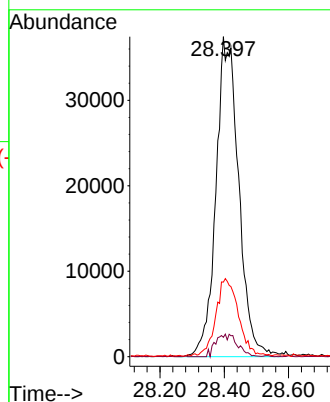
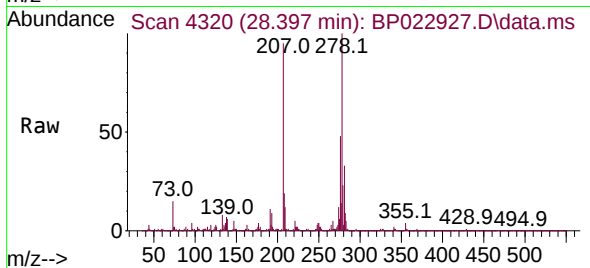
139 6.0 5.4 8.2

279 23.3 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: 4.460 ng

RT: 29.503 min Scan# 4508

Delta R.T. 0.012 min

Lab File: BP022927.D

Acq: 08 Nov 2024 09:55

Tgt Ion:276 Resp: 173735

Ion Ratio Lower Upper

276 100

277 22.2 18.8 28.2

138 10.3 7.6 11.4

