

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091224\
 Data File : BP021897.D
 Acq On : 12 Sep 2024 15:32
 Operator : RC/JU
 Sample : P3391-05
 Misc : SFAM-MDL-Q3-ME SOIL-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-05

Quant Time: Sep 12 16:10:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 12 12:48:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	115561	20.000	ng/u1	0.03
20) Naphthalene-d8	10.528	136	472774	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.369	164	341235	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	822353	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	900858	20.000	ng/u1	0.00
88) Perylene-d12	24.909	264	1006905	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	11973	3.351	ng/uL	0.01
4) Pyridine-d5	3.681	84	170473	16.207	ng/u1	0.02
7) Phenol-d5	6.934	99	207952	21.060	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.093	67	123060	21.457	ng/u1	0.02
11) 2-Chlorophenol-d4	7.299	132	165610	24.094	ng/u1	0.02
15) 4-Methylphenol-d8	8.457	113	153555	19.478	ng/u1	0.03
21) Nitrobenzene-d5	8.899	128	82602	28.054	ng/u1	0.02
24) 2-Nitrophenol-d4	9.616	143	89467	26.729	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.151	165	178553	24.088	ng/u1	0.02
31) 4-Chloroaniline-d4	10.657	131	226399	20.958	ng/u1	0.02
46) Dimethylphthalate-d6	13.769	166	617725	24.096	ng/u1	0.00
49) Acenaphthylene-d8	14.057	160	641414	22.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	104272	21.516	ng/u1	0.00
60) Fluorene-d10	15.375	176	526723	21.616	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	91839	19.520	ng/u1	0.00
73) Anthracene-d10	17.263	188	745911	19.527	ng/u1	0.00
81) Pyrene-d10	19.627	212	1138550	22.843	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.674	264	1196178	22.827	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	3997	1.041	ng/uL	91
5) Pyridine	3.705	79	35037	3.332	ng/u1#	80
6) Benzaldehyde	6.910	77	27189	5.265	ng/u1	96
8) Phenol	6.957	94	42386	4.138	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.187	93	34320	4.464	ng/u1	94
12) 2-Chlorophenol	7.328	128	34294	4.851	ng/u1	98
13) 2-Methylphenol	8.193	108	28114	3.881	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	40478	4.844	ng/u1	99
16) Acetophenone	8.569	105	57216	4.500	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.557	70	27912	4.592	ng/u1	97
18) 4-Methylphenol	8.516	108	33151	4.080	ng/u1	96
19) Hexachloroethane	8.828	117	15025	4.480	ng/u1	98
22) Nitrobenzene	8.940	77	43687	5.538	ng/u1	99
23) Isophorone	9.463	82	74277	5.050	ng/u1	98
25) 2-Nitrophenol	9.646	139	18924	5.109	ng/u1	98
26) 2,4-Dimethylphenol	9.704	107	15582	1.979	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	47136	5.234	ng/u1	98
29) 2,4-Dichlorophenol	10.181	162	35652	4.701	ng/u1	98
30) Naphthalene	10.575	128	119061	4.730	ng/u1	98
32) 4-Chloroaniline	10.681	127	46192	4.343	ng/u1	90
33) Hexachlorobutadiene	10.869	225	29684	4.915	ng/u1	95
34) Caprolactam	11.463	113	17967m	6.835	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	35524	4.144	ng/u1	95
36) 2-Methylnaphthalene	12.187	142	83700	4.532	ng/u1	99

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 Misc : SFAM-MDL-Q3-ME SOIL-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-05

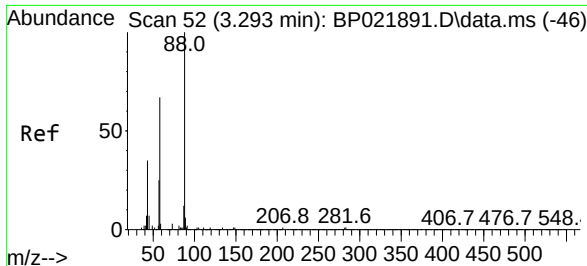
Quant Time: Sep 12 16:10:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 12 12:48:41 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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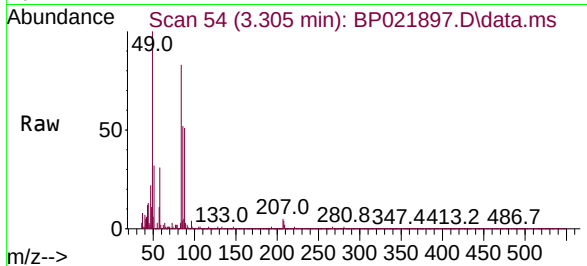
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	85403	4.537	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.551	216	52766	4.541	ng/ul	97
40) Hexachlorocyclopentadiene	12.540	237	30692	4.666	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.792	196	29398	4.116	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	31352	3.982	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	116855	4.675	ng/ul	97
44) 2-Chloronaphthalene	13.239	162	96938	4.800	ng/ul	97
45) 2-Nitroaniline	13.434	65	21576	4.021	ng/ul	99
47) Dimethylphthalate	13.816	163	128979	4.966	ng/ul	99
48) 2,6-Dinitrotoluene	13.939	165	20090	4.162	ng/ul	95
50) Acenaphthylene	14.086	152	149989	5.019	ng/ul	97
51) 3-Nitroaniline	14.269	138	19513	3.989	ng/ul	89
52) Acenaphthene	14.428	153	102748	4.794	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	18093	5.930	ng/ul	94
55) 4-Nitrophenol	14.586	109	22712	5.220	ng/ul	94
56) Dibenzofuran	14.763	168	148473	4.731	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	33015	4.363	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.998	232	29986	4.422	ng/ul#	95
59) Diethylphthalate	15.198	149	122915	4.714	ng/ul	97
61) Fluorene	15.428	166	122974	4.468	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.416	204	64310	4.487	ng/ul	92
63) 4-Nitroaniline	15.433	138	20804	3.834	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.504	198	22721	4.373	ng/ul#	88
67) N-Nitrosodiphenylamine	15.645	169	102230	4.507	ng/ul	98
68) 4-Bromophenyl-phenylether	16.339	248	40999	4.780	ng/ul	99
69) Hexachlorobenzene	16.451	284	49828	4.840	ng/ul	95
70) Atrazine	16.616	200	42895	4.819	ng/ul	99
71) Pentachlorophenol	16.804	266	45649	6.791	ng/ul	97
72) Phenanthrene	17.198	178	204564	4.592	ng/ul	99
74) Anthracene	17.298	178	176293	3.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	51328	4.460	ng/uL	99
76) Pentachlorobenzene	14.686	250	56887	4.940	ng/uL	99
77) Carbazole	17.575	167	176312	4.373	ng/ul	97
78) Di-n-butylphthalate	18.169	149	199734	4.506	ng/ul	98
80) Fluoranthene	19.286	202	267955	4.668	ng/ul	97
82) Pyrene	19.657	202	286679	4.602	ng/ul	97
83) Butylbenzylphthalate	20.604	149	100417	4.688	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	78221	3.875	ng/ul	99
85) Benzo(a)anthracene	21.568	228	294687	4.631	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	138731	4.483	ng/ul	97
87) Chrysene	21.639	228	278707	4.579	ng/ul	99
89) Di-n-octyl phthalate	22.774	149	213652	3.979	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	300539	4.807	ng/ul	98
91) Benzo(k)fluoranthene	23.927	252	303455	4.912	ng/ul	97
93) Benzo(a)pyrene	24.745	252	274069	4.748	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.674	276	350254m	4.829	ng/ul	
95) Dibenzo(a,h)anthracene	28.756	278	288382	4.936	ng/ul	99
96) Benzo(g,h,i)perylene	29.839	276	288003m	5.021	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.041 ng/uL
RT: 3.305 min Scan# 54
Delta R.T. 0.012 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

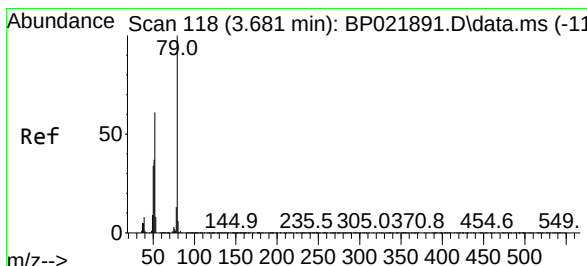
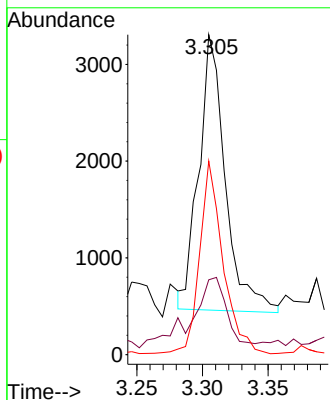
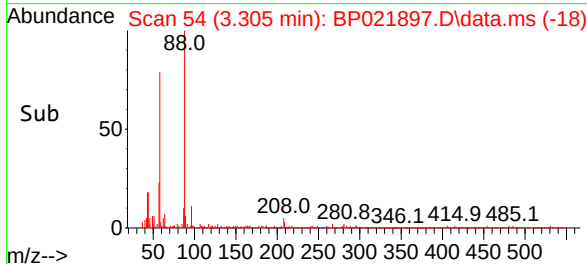
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 88 Resp: 399
Ion Ratio Lower Upper
88 100
43 23.4 21.6 32.4
58 60.5 55.0 82.6

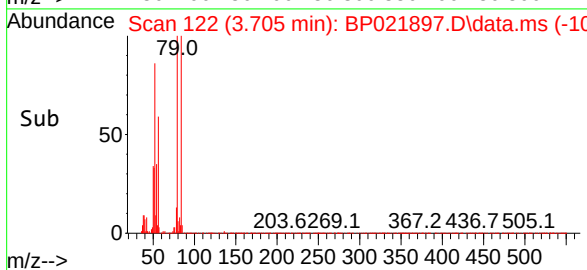
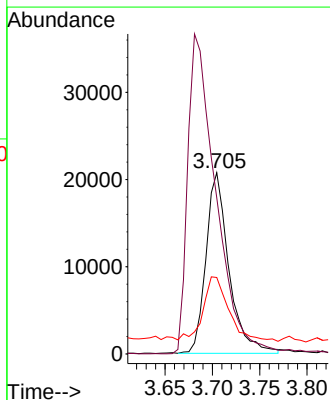
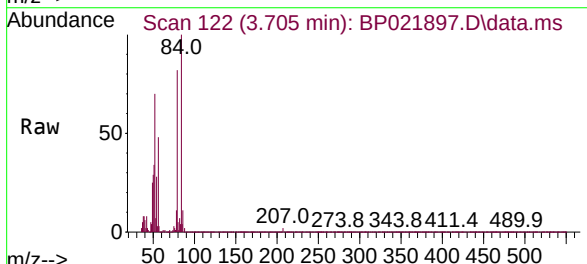
Manual Integrations
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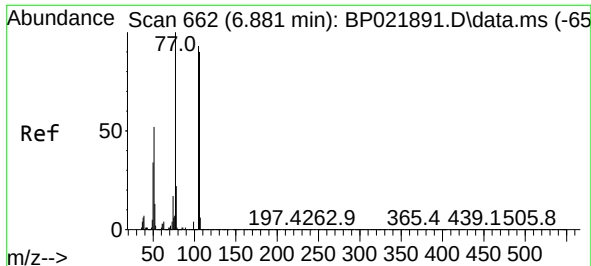
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#5
Pyridine
Concen: 3.332 ng/uL
RT: 3.705 min Scan# 122
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

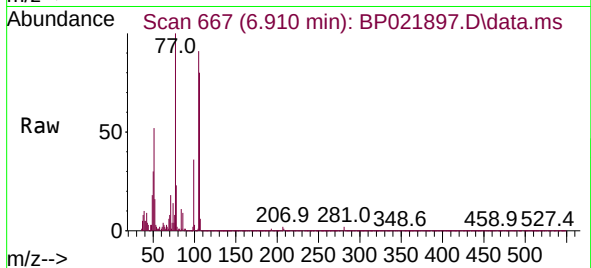
Tgt Ion: 79 Resp: 35037
Ion Ratio Lower Upper
79 100
52 86.1 53.8 80.8#
51 42.2 27.9 41.9#





#6
Benzaldehyde
Concen: 5.265 ng/ul
RT: 6.910 min Scan# 667
Delta R.T. 0.029 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

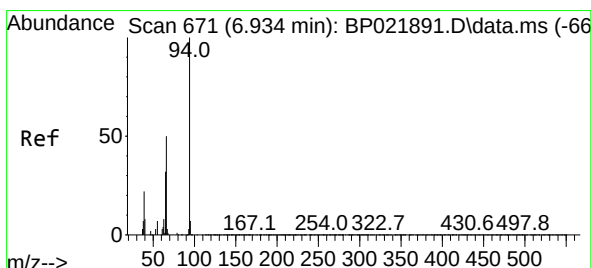
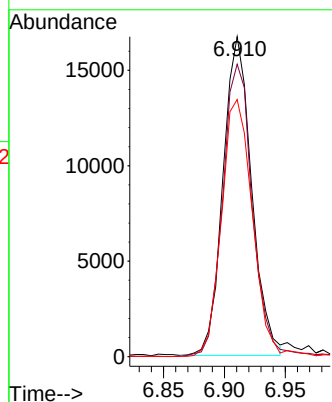
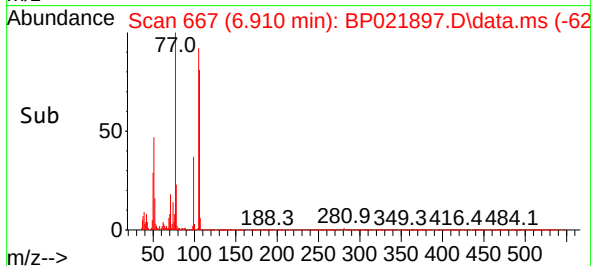
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 77 Resp: 27189
Ion Ratio Lower Upper
77 100
105 91.4 74.1 111.1
106 80.3 69.8 104.6

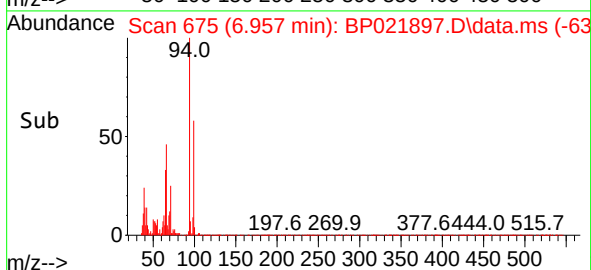
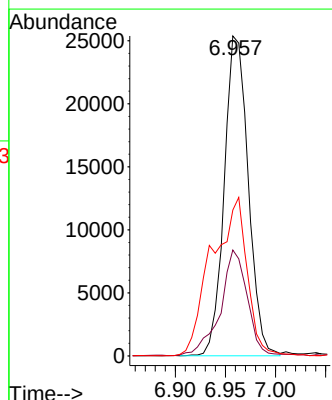
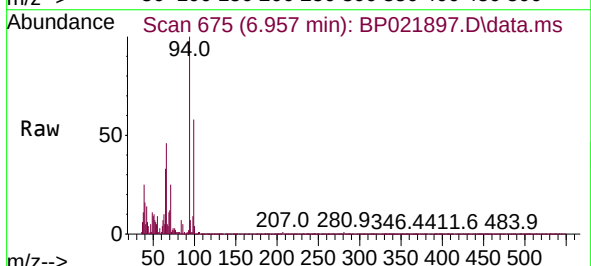
Manual Integrations
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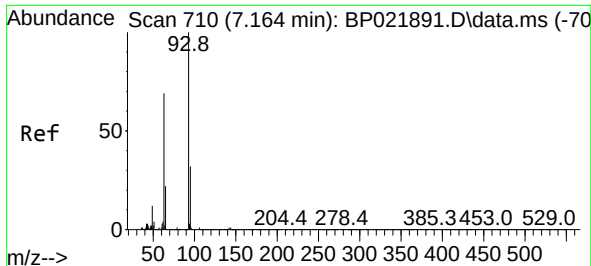
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#8
Phenol
Concen: 4.138 ng/ul
RT: 6.957 min Scan# 675
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

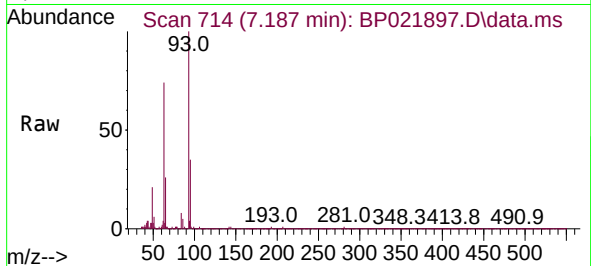
Tgt Ion: 94 Resp: 42386
Ion Ratio Lower Upper
94 100
65 33.1 25.5 38.3
66 45.6 37.4 56.2





#10
Bis(2-Chloroethyl)ether
Concen: 4.464 ng/ul
RT: 7.187 min Scan# 714
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

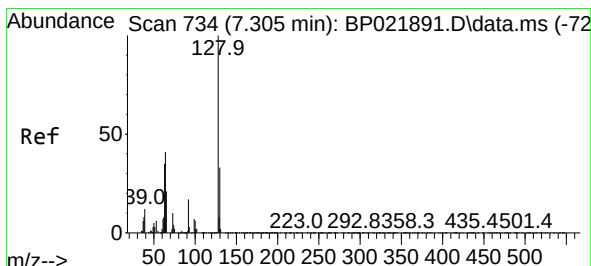
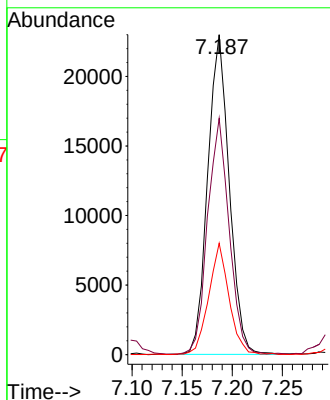
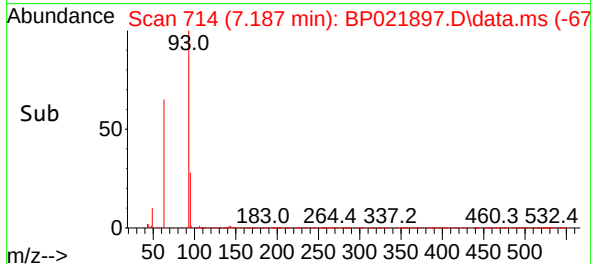
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



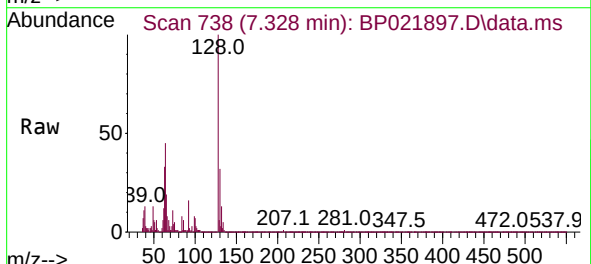
Tgt Ion: 93 Resp: 34320
Ion Ratio Lower Upper
93 100
63 73.8 55.2 82.8
95 34.8 24.4 36.6

Manual Integrations
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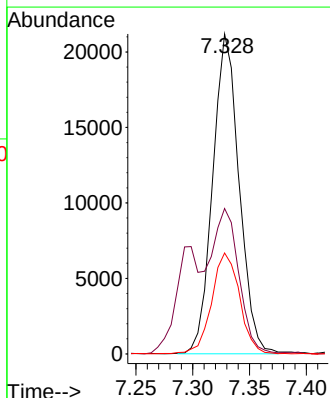
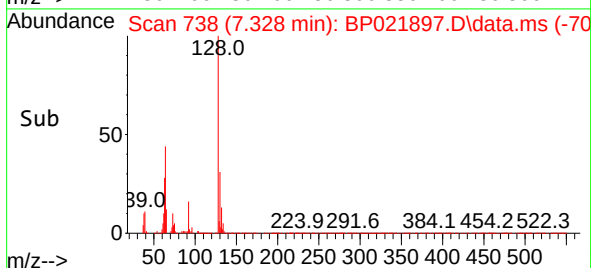
Reviewed By :Jagrut Upadhyay 09/13/2024
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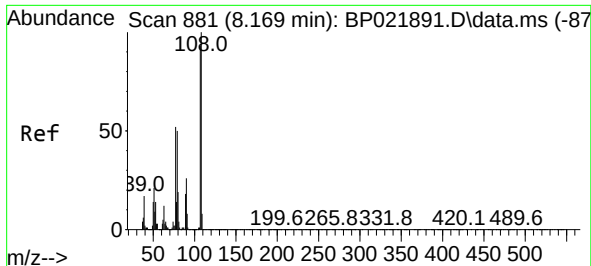


#12
2-Chlorophenol
Concen: 4.851 ng/ul
RT: 7.328 min Scan# 738
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32



Tgt Ion:128 Resp: 34294
Ion Ratio Lower Upper
128 100
64 45.4 36.6 55.0
130 31.5 26.8 40.2





#13

2-Methylphenol

Concen: 3.881 ng/ul

RT: 8.193 min Scan# 881

Delta R.T. 0.023 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Tgt Ion:108 Resp: 28114

Ion Ratio Lower Upper

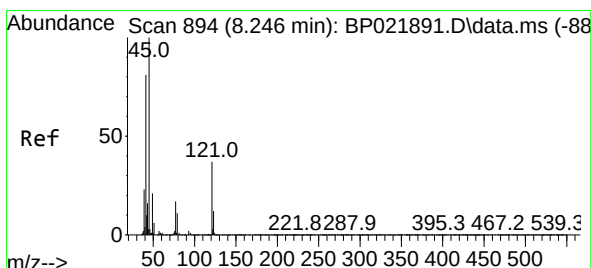
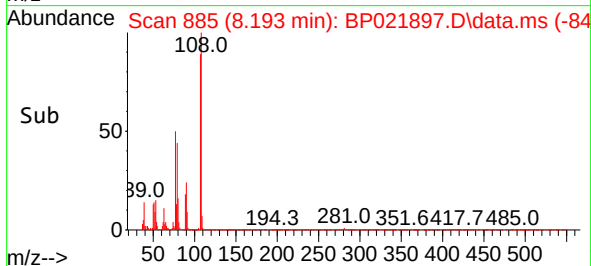
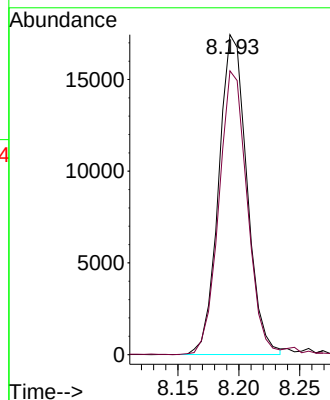
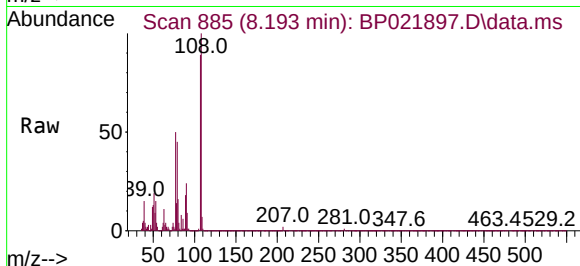
108 100

107 88.7 70.6 105.8

Manual Integrations

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#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.844 ng/ul

RT: 8.275 min Scan# 899

Delta R.T. 0.029 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

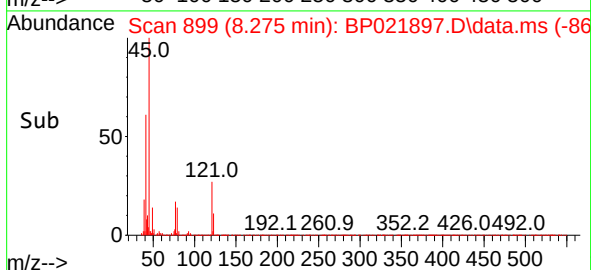
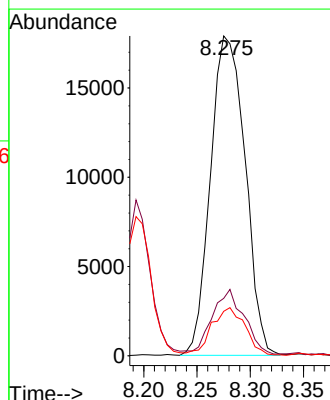
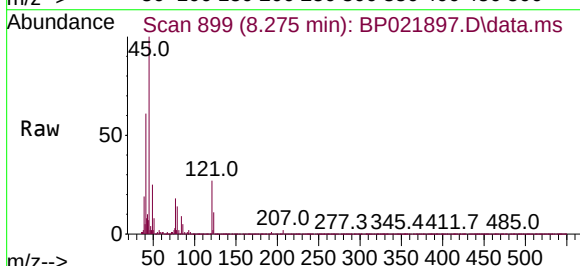
Tgt Ion: 45 Resp: 40478

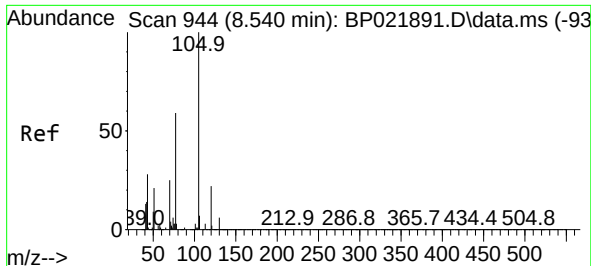
Ion Ratio Lower Upper

45 100

77 18.0 14.2 21.4

79 13.9 10.6 16.0





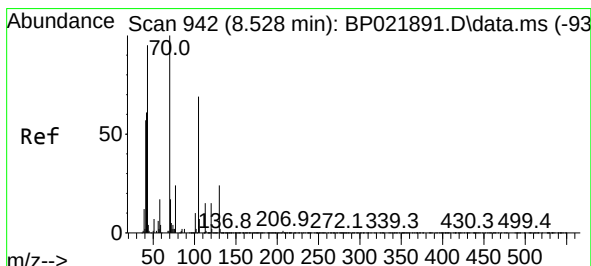
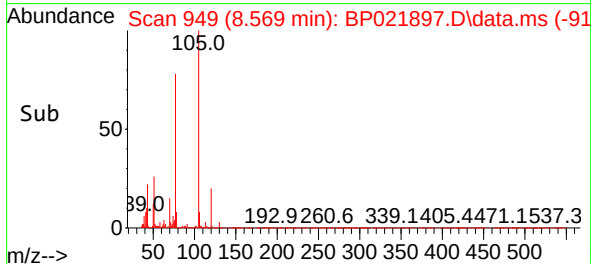
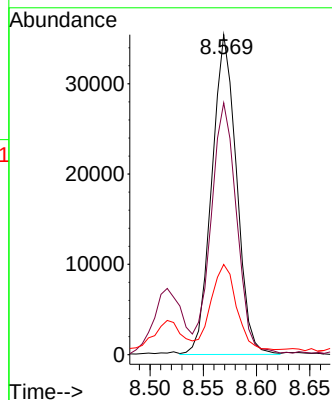
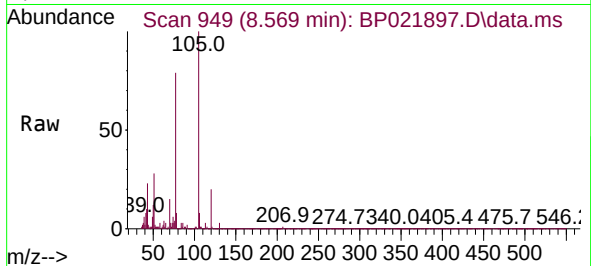
#16
Acetophenone
Concen: 4.500 ng/ul
RT: 8.569 min Scan# 944
Delta R.T. 0.029 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	105	Resp:	57216
Ion Ratio	Lower	Upper	
105	100		
77	78.7	64.7	97.1
51	28.2	22.6	33.8

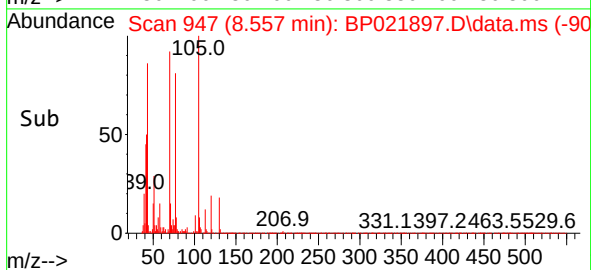
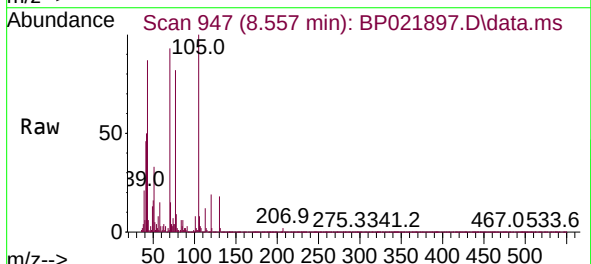
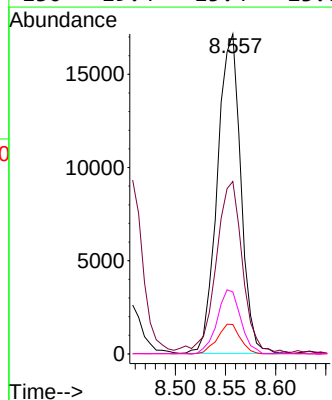
Manual Integrations
APPROVED

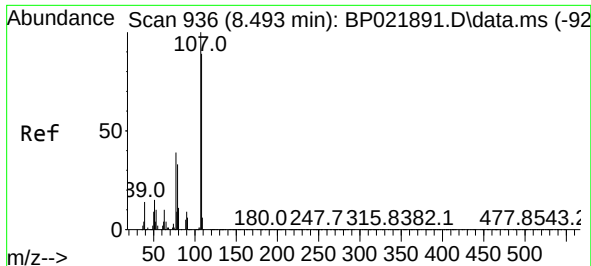
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.592 ng/ul
RT: 8.557 min Scan# 947
Delta R.T. 0.029 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:	70	Resp:	27912
Ion Ratio	Lower	Upper	
70	100		
42	53.9	45.8	68.8
101	9.2	7.4	11.2
130	19.4	15.4	23.0





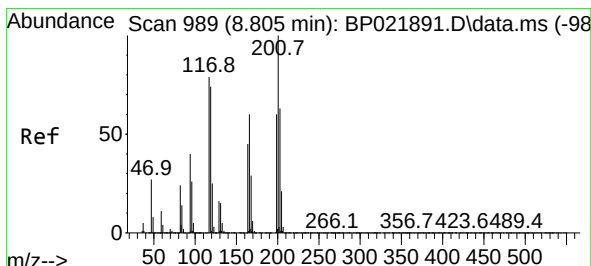
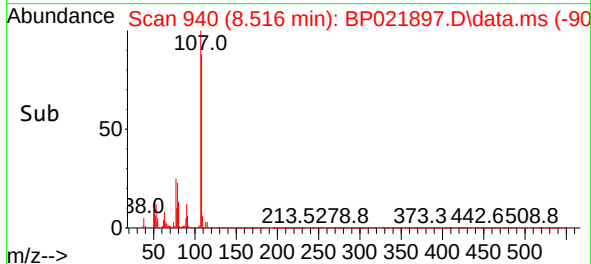
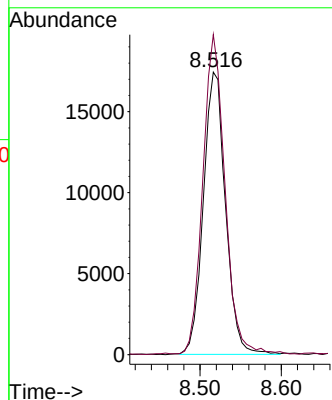
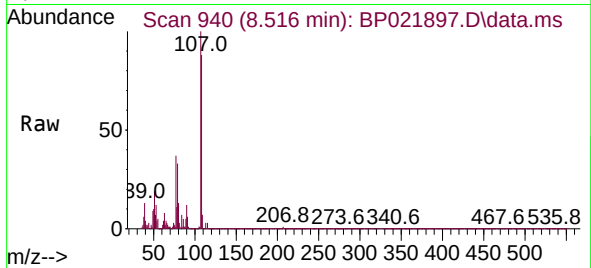
#18
4-Methylphenol
Concen: 4.080 ng/ul
RT: 8.516 min Scan# 94
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:108 Resp: 3315
Ion Ratio Lower Upper
108 100
107 113.3 87.4 131.0

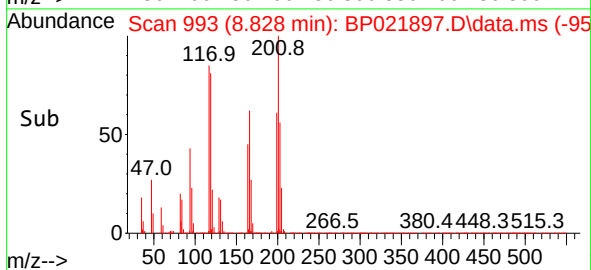
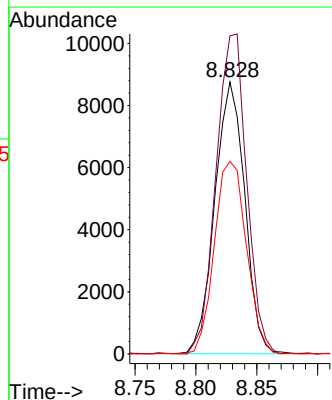
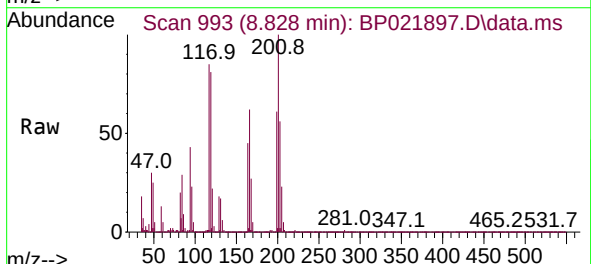
Manual Integrations
APPROVED

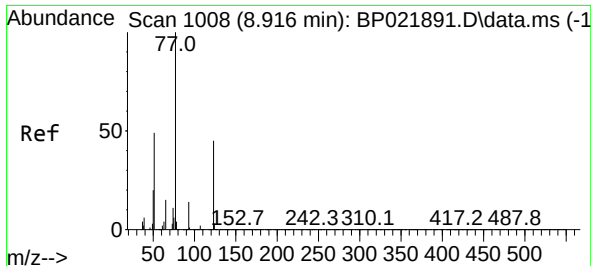
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#19
Hexachloroethane
Concen: 4.480 ng/ul
RT: 8.828 min Scan# 993
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

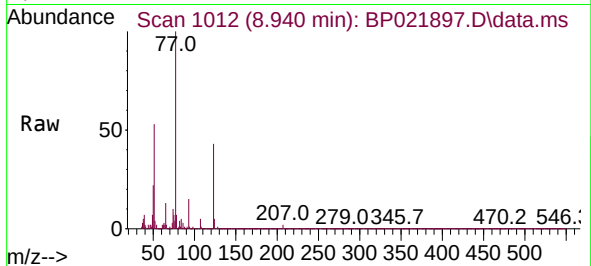
Tgt Ion:117 Resp: 15025
Ion Ratio Lower Upper
117 100
201 119.4 97.3 145.9
199 70.8 58.2 87.2





#22
Nitrobenzene
Concen: 5.538 ng/ul
RT: 8.940 min Scan# 1101
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

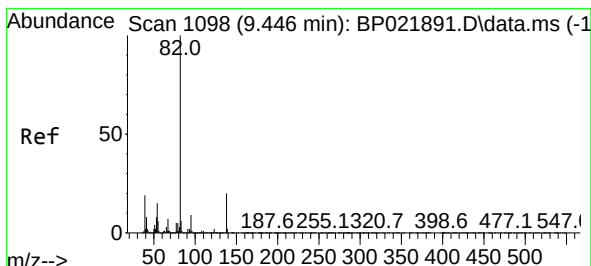
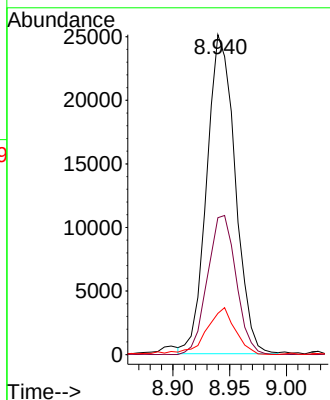
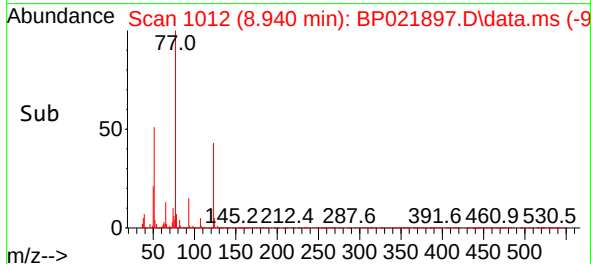
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



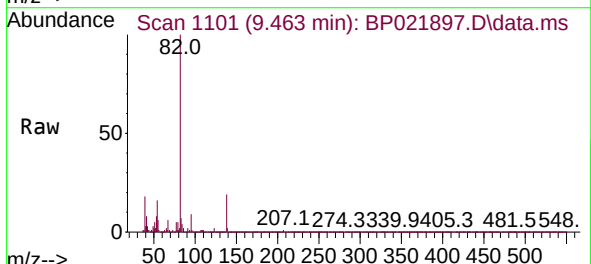
Tgt Ion: 77 Resp: 4368
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.2
65 12.9 11.3 16.9

Manual Integrations
APPROVED

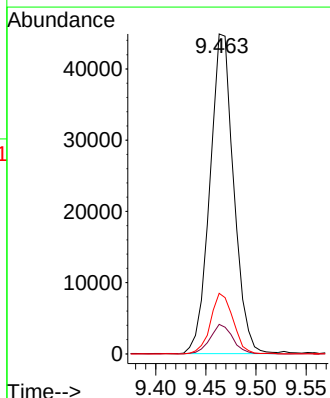
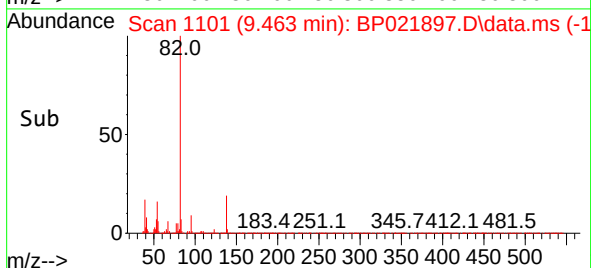
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

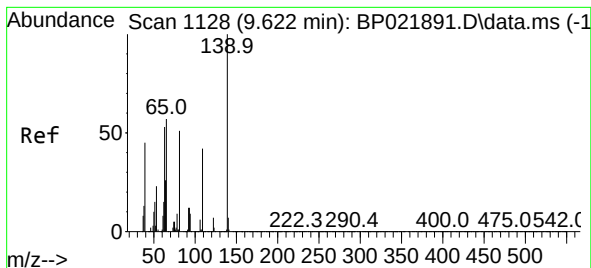


#23
Isophorone
Concen: 5.050 ng/ul
RT: 9.463 min Scan# 1101
Delta R.T. 0.017 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32



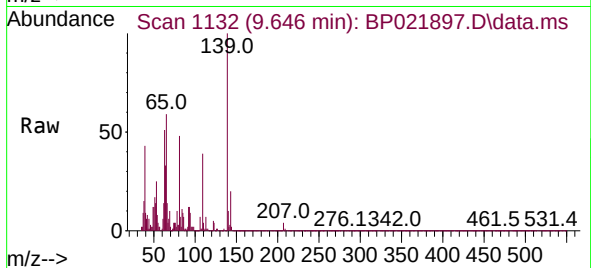
Tgt Ion: 82 Resp: 74277
Ion Ratio Lower Upper
82 100
95 9.2 7.1 10.7
138 18.9 14.0 21.0





#25
2-Nitrophenol
Concen: 5.109 ng/ul
RT: 9.646 min Scan# 1112
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

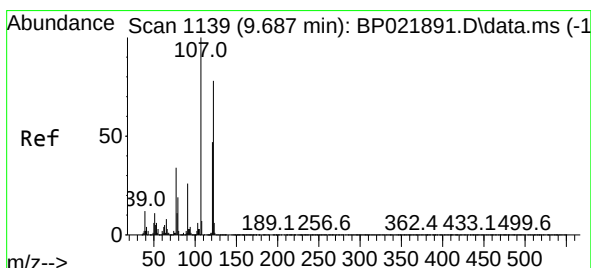
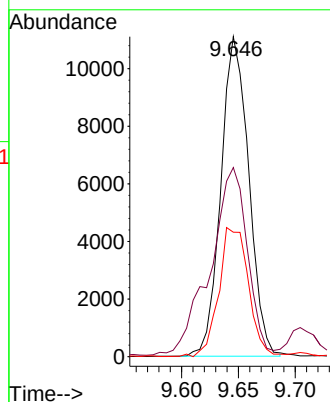
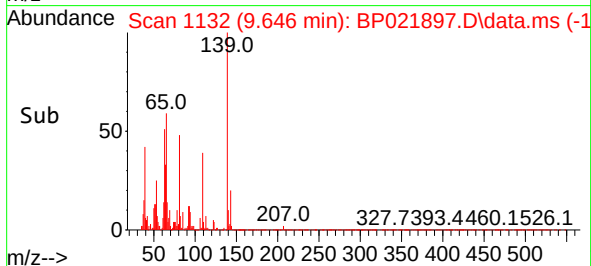
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion:139 Resp: 18924
Ion Ratio Lower Upper
139 100
65 59.1 45.1 67.7
109 38.9 31.0 46.6

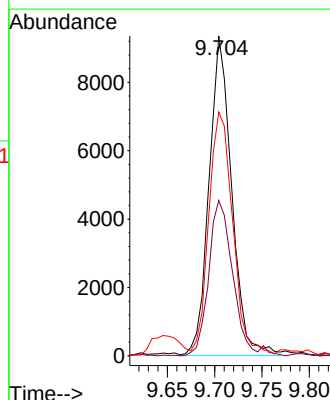
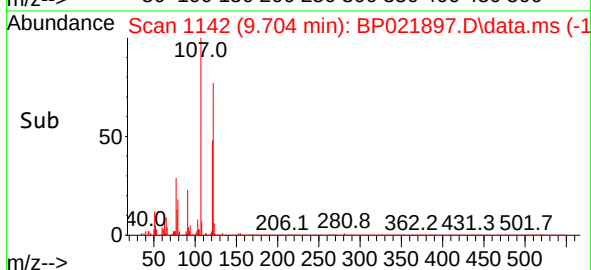
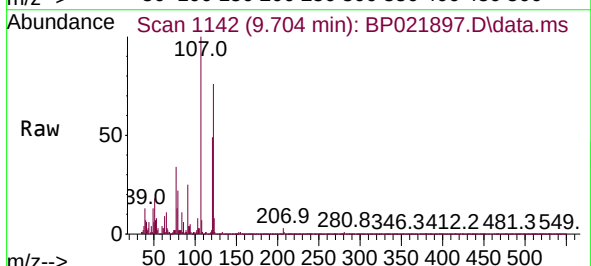
Manual Integrations
APPROVED

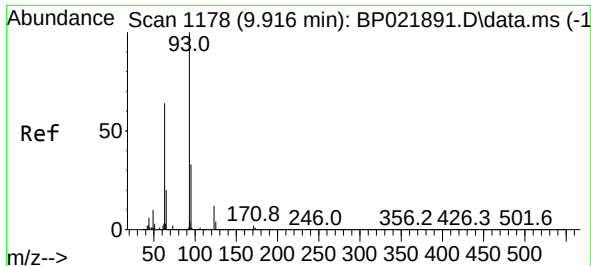
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#26
2,4-Dimethylphenol
Concen: 1.979 ng/ul
RT: 9.704 min Scan# 1142
Delta R.T. 0.017 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:107 Resp: 15582
Ion Ratio Lower Upper
107 100
121 48.6 38.5 57.7
122 76.2 63.0 94.6





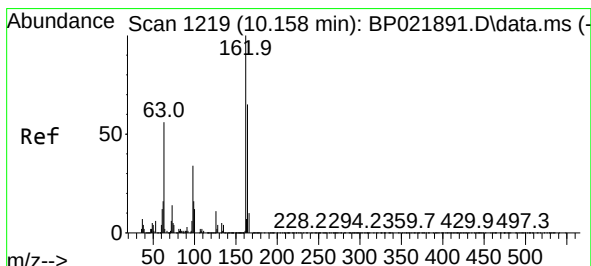
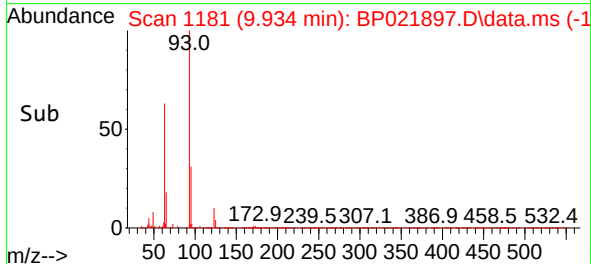
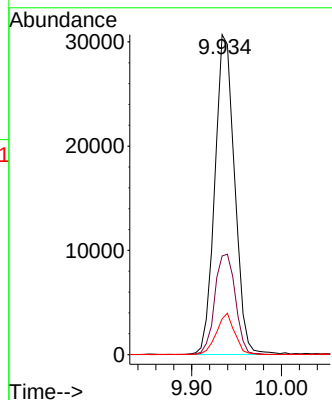
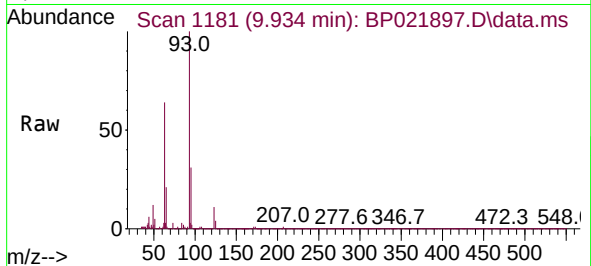
#27
Bis(2-Chloroethoxy)methane
Concen: 5.234 ng/ul
RT: 9.934 min Scan# 1178
Delta R.T. 0.017 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	93	Resp:	47136
Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.7	38.5
123	11.2	9.1	13.7

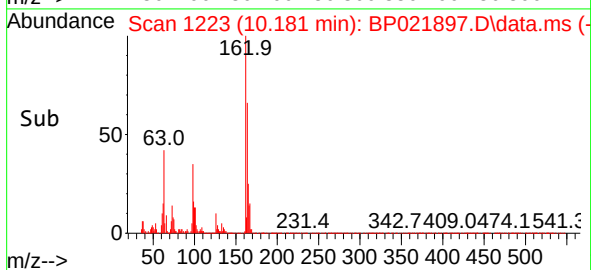
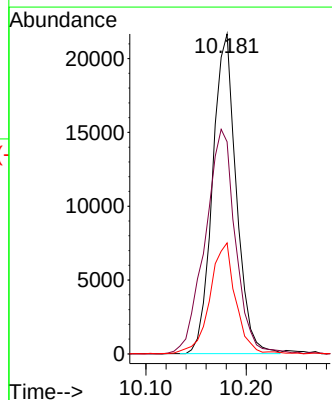
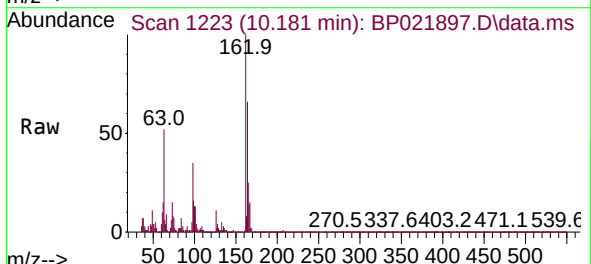
Manual Integrations
APPROVED

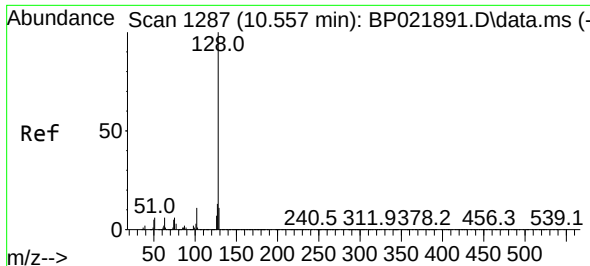
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#29
2,4-Dichlorophenol
Concen: 4.701 ng/ul
RT: 10.181 min Scan# 1223
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

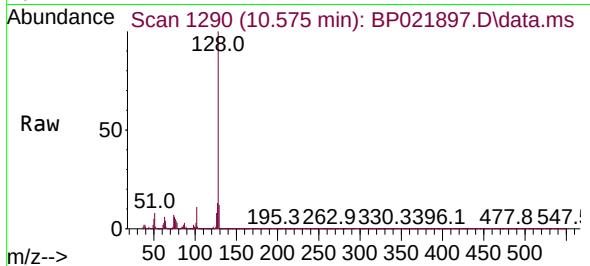
Tgt Ion:	162	Resp:	35652
Ion	Ratio	Lower	Upper
162	100		
164	66.3	54.1	81.1
98	34.7	26.9	40.3





#30
Naphthalene
Concen: 4.730 ng/ul
RT: 10.575 min Scan# 11906
Delta R.T. 0.017 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

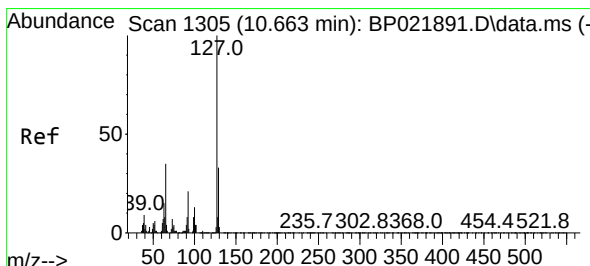
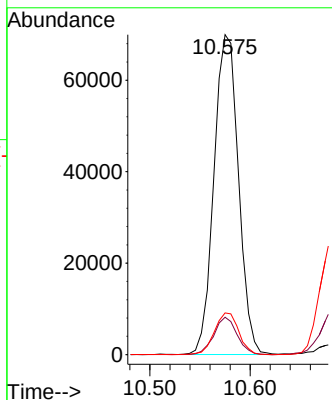
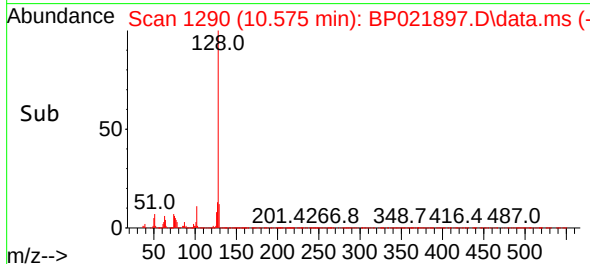
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion:128 Resp: 11906
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.0 9.9 14.9

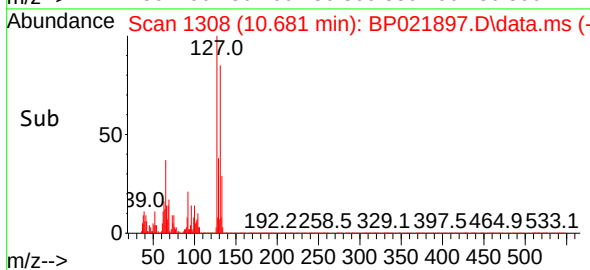
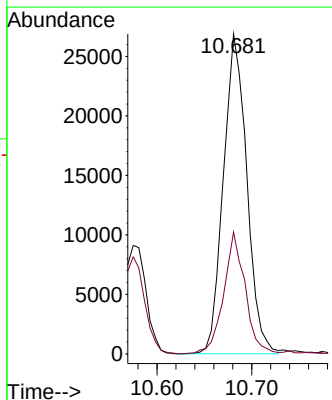
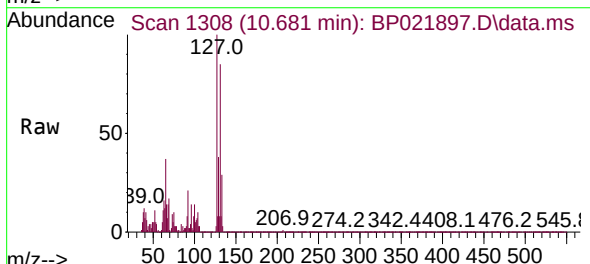
Manual Integrations
APPROVED

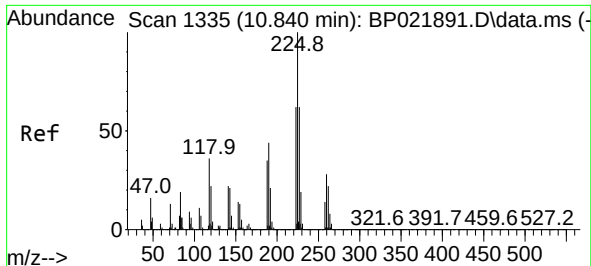
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#32
4-Chloroaniline
Concen: 4.343 ng/ul
RT: 10.681 min Scan# 1308
Delta R.T. 0.017 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

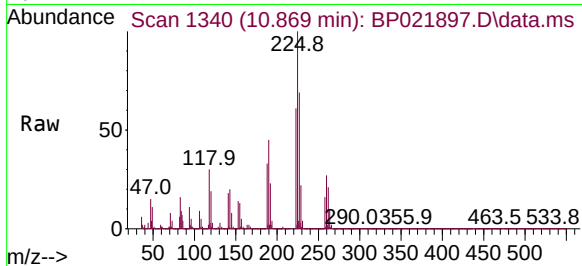
Tgt Ion:127 Resp: 46192
Ion Ratio Lower Upper
127 100
129 38.1 26.1 39.1





#33
Hexachlorobutadiene
Concen: 4.915 ng/ul
RT: 10.869 min Scan# 1335
Delta R.T. 0.029 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

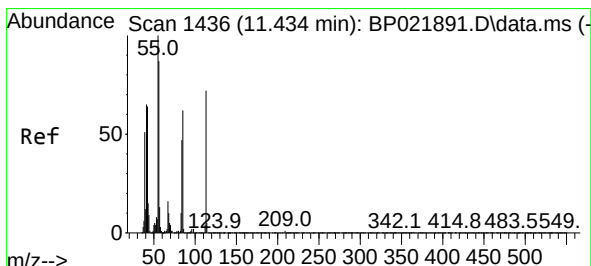
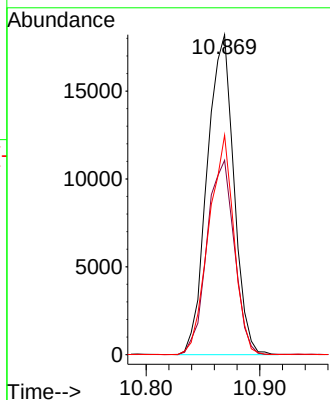
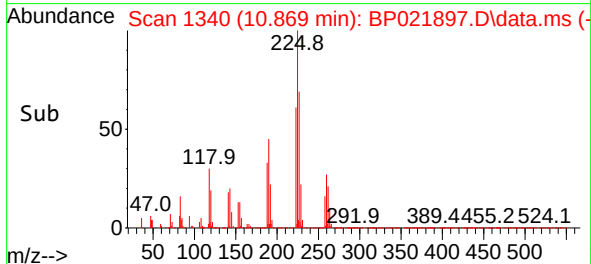
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion:225 Resp: 29684
Ion Ratio Lower Upper
225 100
223 58.4 49.7 74.5
227 66.0 49.4 74.2

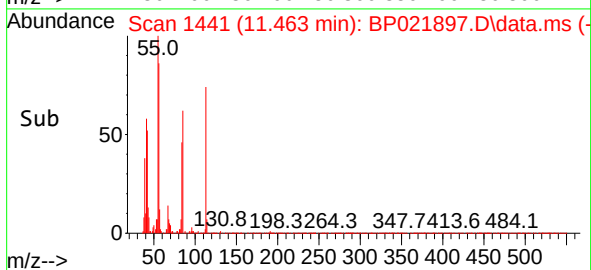
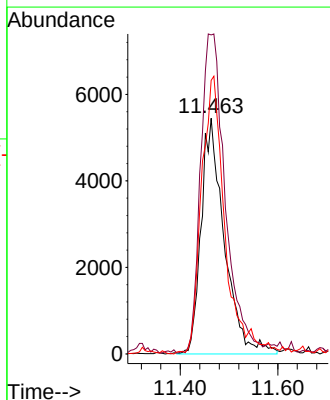
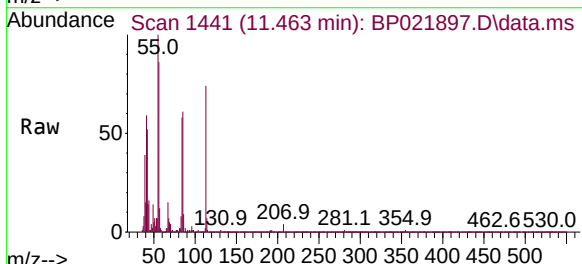
Manual Integrations
APPROVED

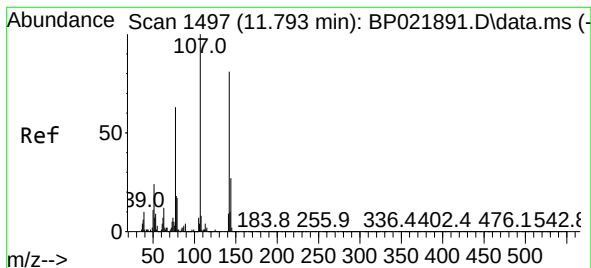
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#34
Caprolactam
Concen: 6.835 ng/ul m
RT: 11.463 min Scan# 1441
Delta R.T. 0.029 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:113 Resp: 17967
Ion Ratio Lower Upper
113 100
55 135.3 116.1 174.1
56 116.1 86.4 129.6





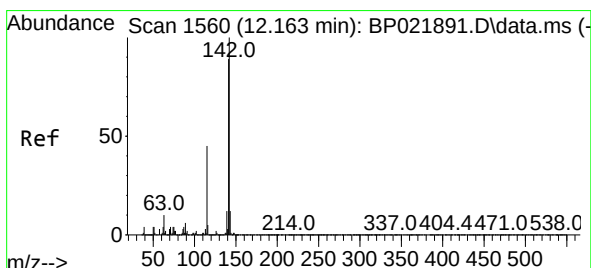
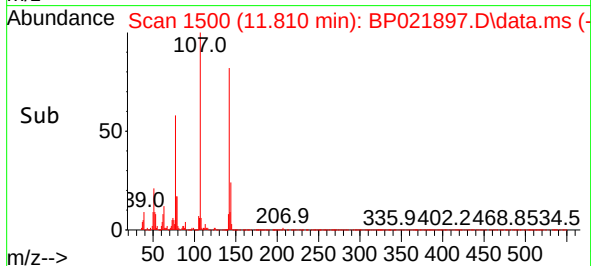
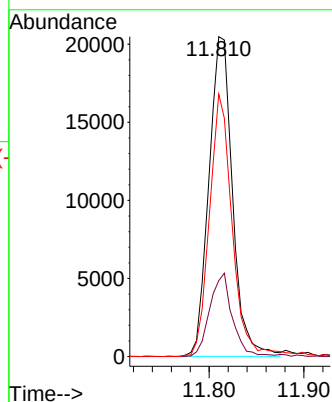
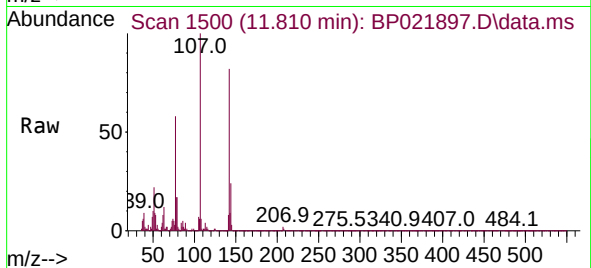
#35
4-Chloro-3-methylphenol
Concen: 4.144 ng/ul
RT: 11.810 min Scan# 1497
Delta R.T. 0.017 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:107 Resp: 35524
Ion Ratio Lower Upper
107 100
144 23.7 21.0 31.6
142 82.0 61.8 92.8

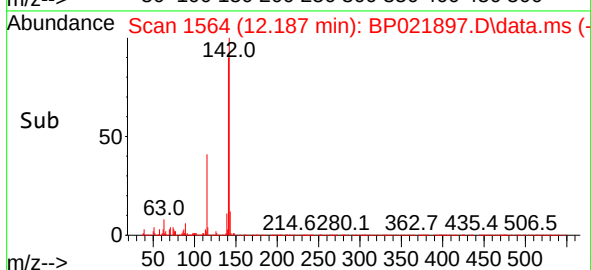
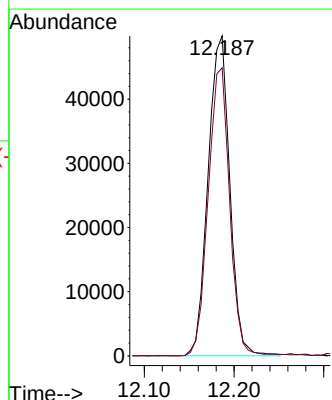
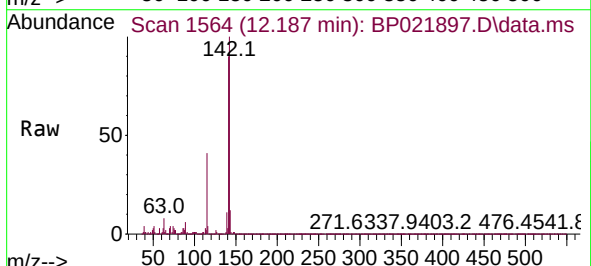
Manual Integrations
APPROVED

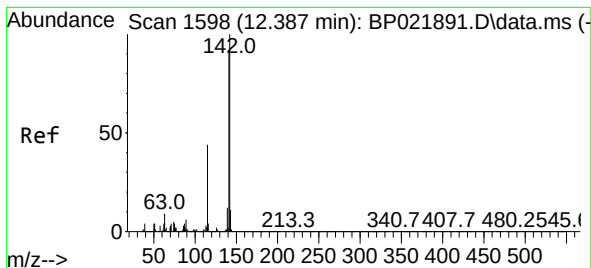
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#36
2-Methylnaphthalene
Concen: 4.532 ng/ul
RT: 12.187 min Scan# 1564
Delta R.T. 0.023 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:142 Resp: 83700
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4





#37

1-Methylnaphthalene

Concen: 4.537 ng/ul

RT: 12.404 min Scan# 1601

Delta R.T. 0.017 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

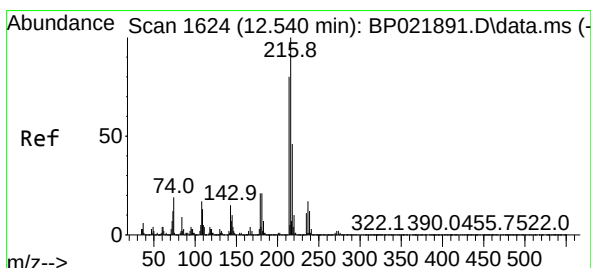
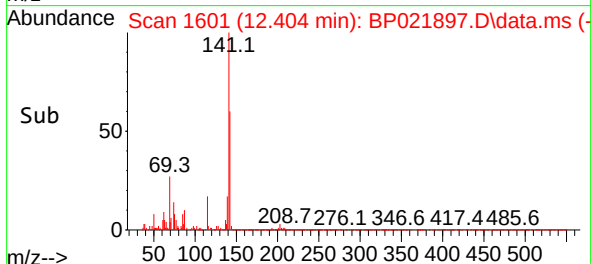
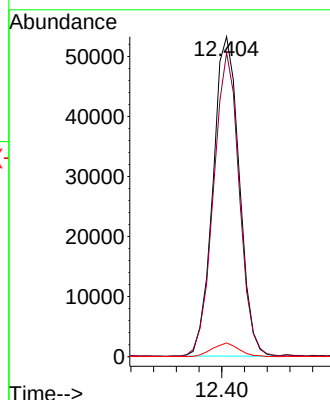
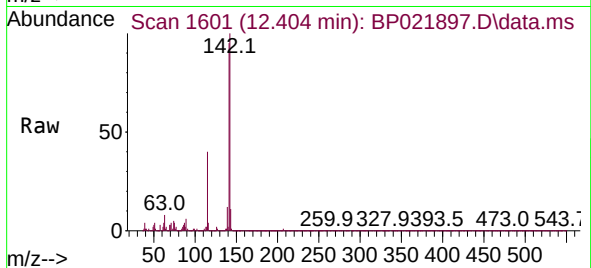
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	142	Resp:	85403
Ion Ratio	Lower	Upper	
142	100		
141	95.0	73.2	109.8
116	4.3	3.7	5.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.541 ng/ul

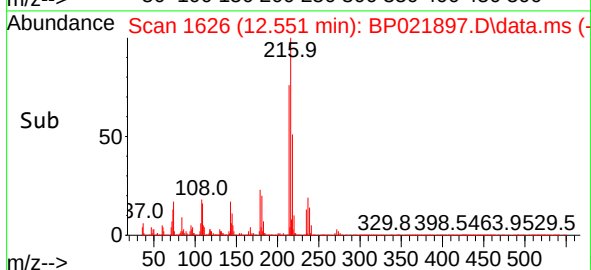
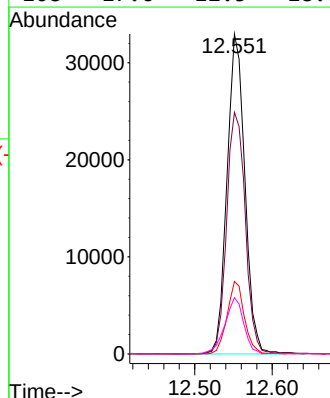
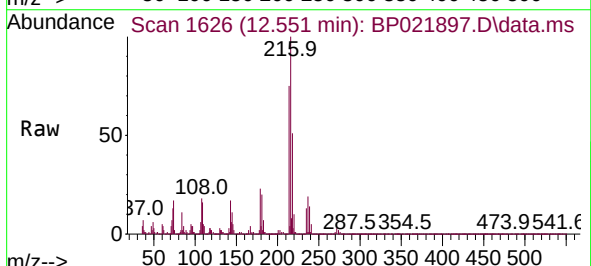
RT: 12.551 min Scan# 1626

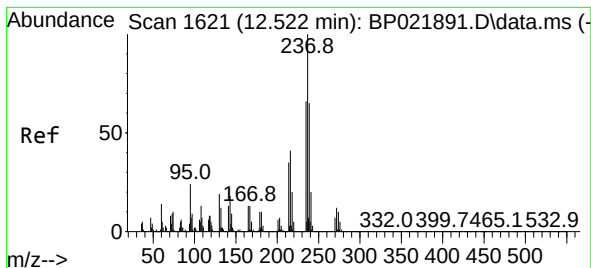
Delta R.T. 0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	216	Resp:	52766
Ion Ratio	Lower	Upper	
216	100		
214	75.5	61.9	92.9
179	22.7	16.9	25.3
108	17.6	12.5	18.7





#40

Hexachlorocyclopentadiene

Concen: 4.666 ng/ul

RT: 12.540 min Scan# 1624

Delta R.T. 0.017 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

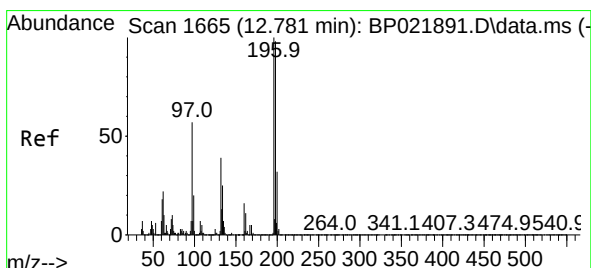
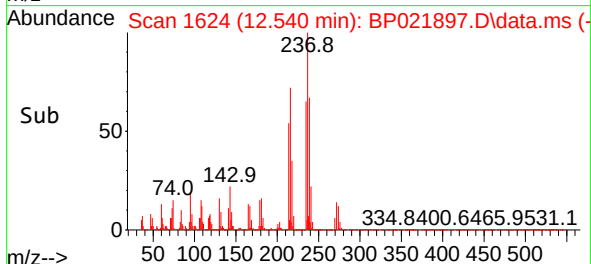
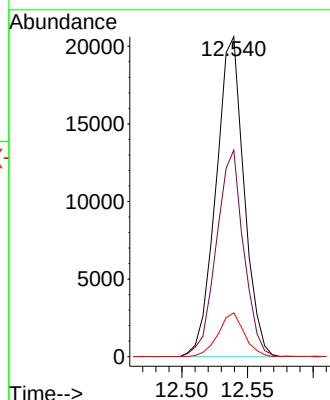
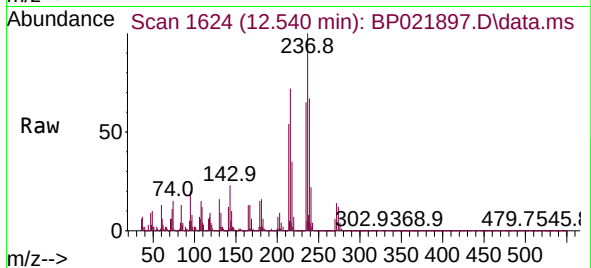
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	237	Resp:	30692
Ion Ratio	Lower	Upper	
237	100		
235	64.5	51.3	76.9
272	13.7	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#41

2,4,6-Trichlorophenol

Concen: 4.116 ng/ul

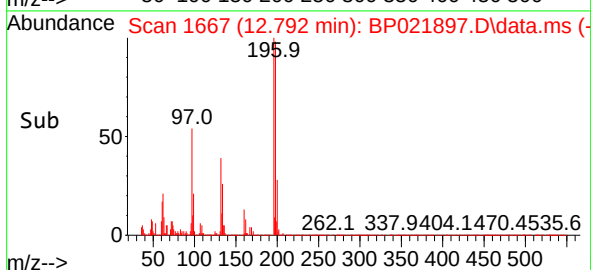
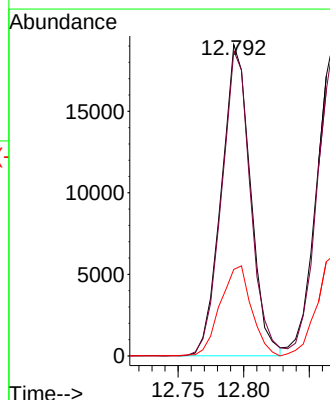
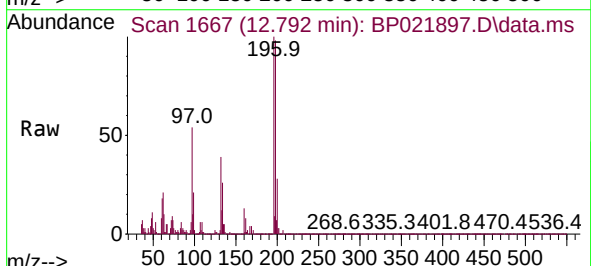
RT: 12.792 min Scan# 1667

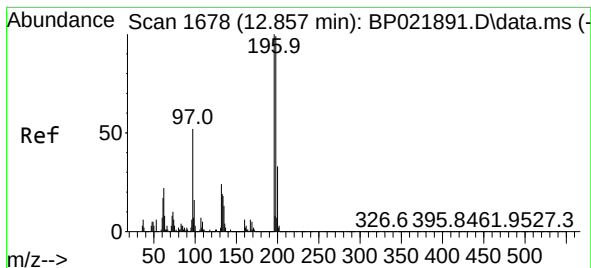
Delta R.T. 0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

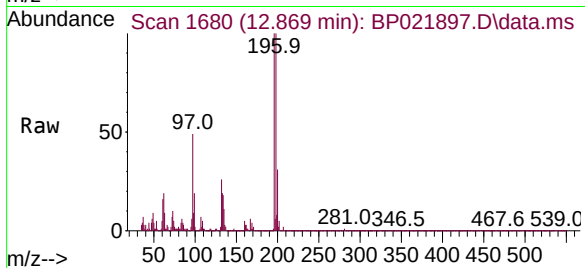
Tgt Ion:	196	Resp:	29398
Ion Ratio	Lower	Upper	
196	100		
198	98.0	77.0	115.6
200	27.8	23.8	35.8





#42
2,4,5-Trichlorophenol
Concen: 3.982 ng/ul
RT: 12.869 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

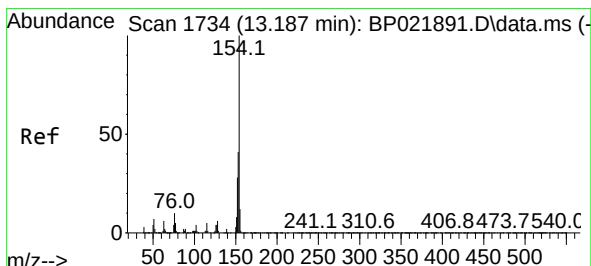
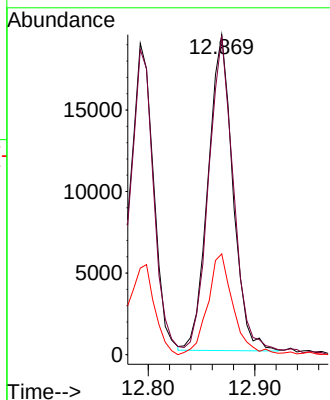
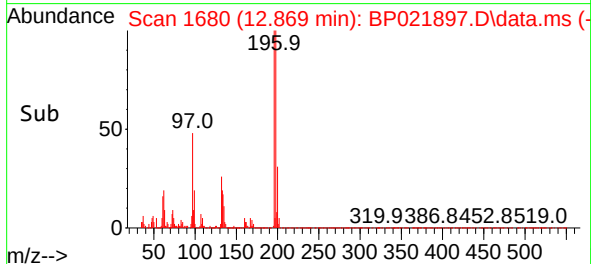
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



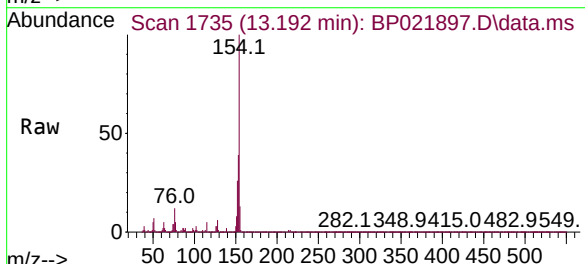
Tgt Ion:196 Resp: 31352
Ion Ratio Lower Upper
196 100
198 99.6 77.8 116.6
200 31.5 25.5 38.3

Manual Integrations
APPROVED

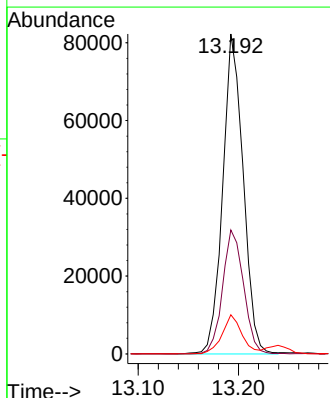
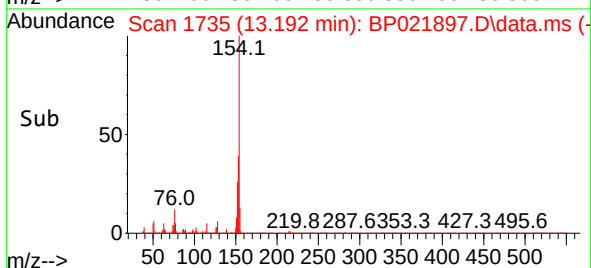
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

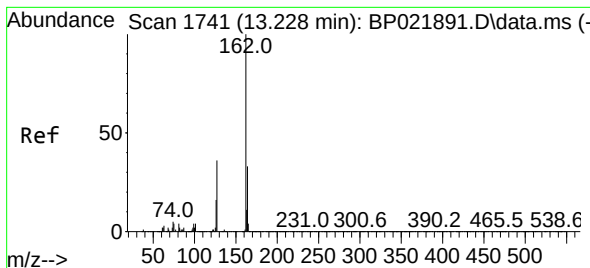


#43
1,1'-Biphenyl
Concen: 4.675 ng/ul
RT: 13.192 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32



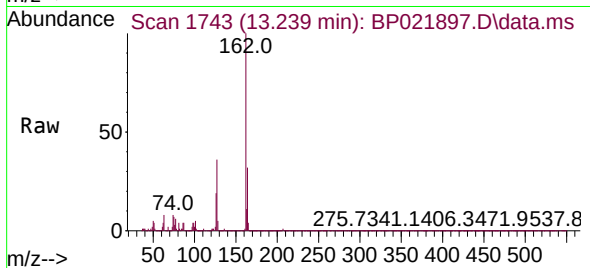
Tgt Ion:154 Resp: 116855
Ion Ratio Lower Upper
154 100
153 38.7 32.0 48.0
76 12.2 8.3 12.5





#44
2-Chloronaphthalene
Concen: 4.800 ng/ul
RT: 13.239 min Scan# 1743
Delta R.T. 0.012 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

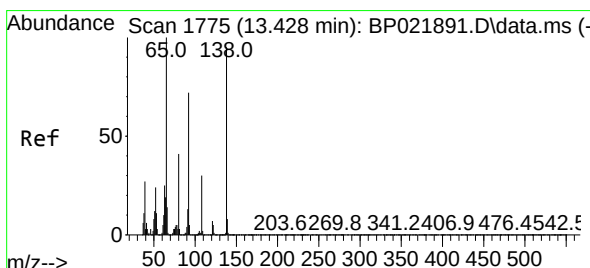
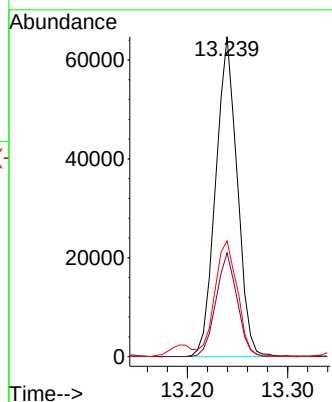
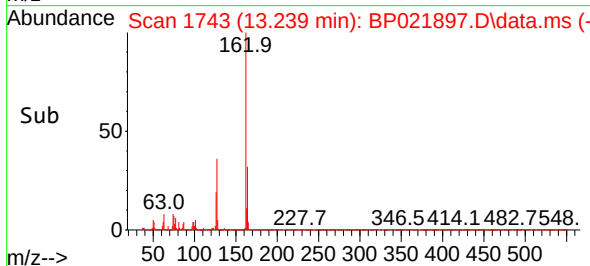
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



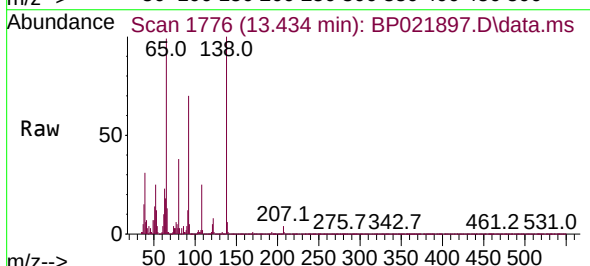
Tgt Ion:162 Resp: 96938
Ion Ratio Lower Upper
162 100
164 32.5 25.8 38.8
127 36.2 31.4 47.0

Manual Integrations
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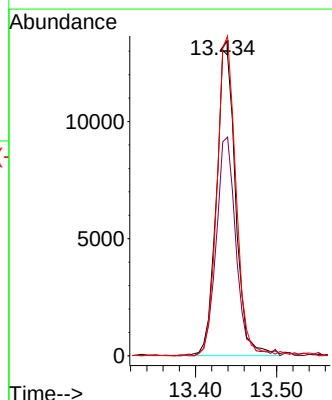
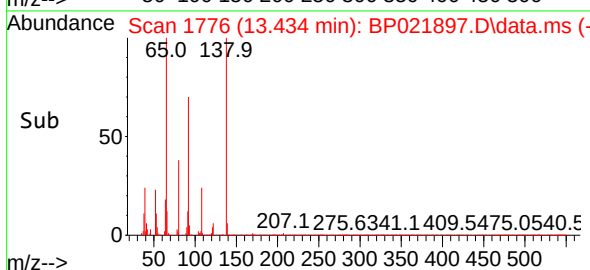
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

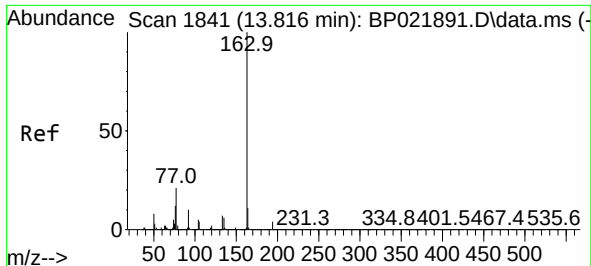


#45
2-Nitroaniline
Concen: 4.021 ng/ul
RT: 13.434 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32



Tgt Ion: 65 Resp: 21576
Ion Ratio Lower Upper
65 100
92 70.1 56.5 84.7
138 100.8 81.1 121.7





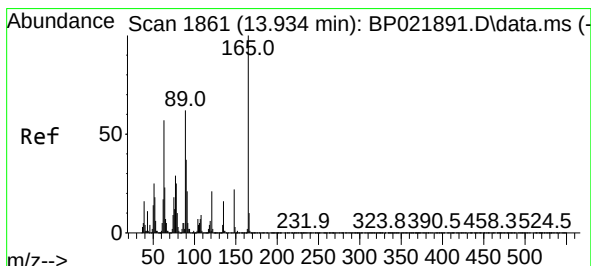
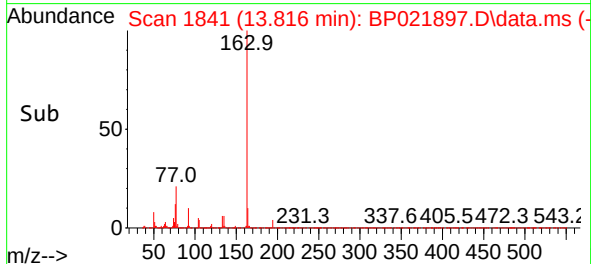
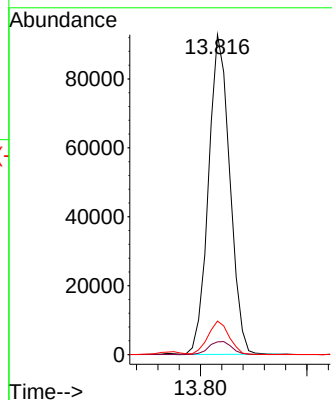
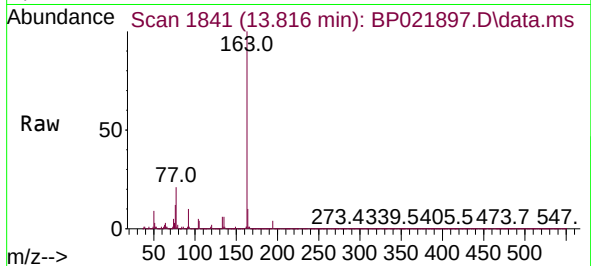
#47
Dimethylphthalate
Concen: 4.966 ng/ul
RT: 13.816 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion:163 Resp: 128979
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.5 8.2 12.4

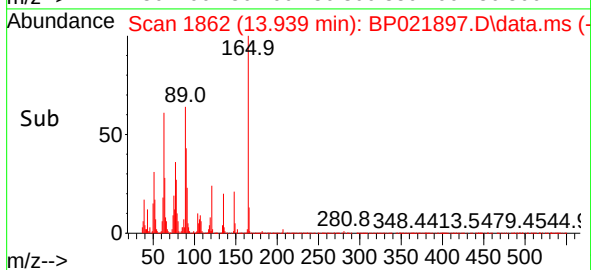
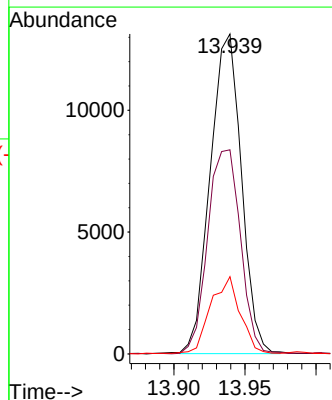
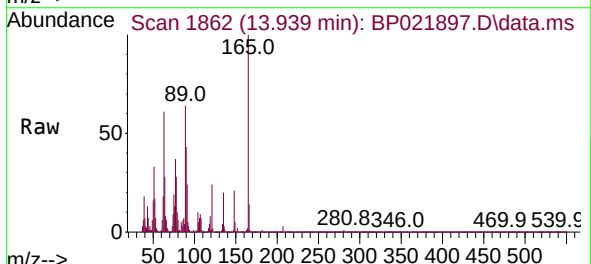
Manual Integrations
APPROVED

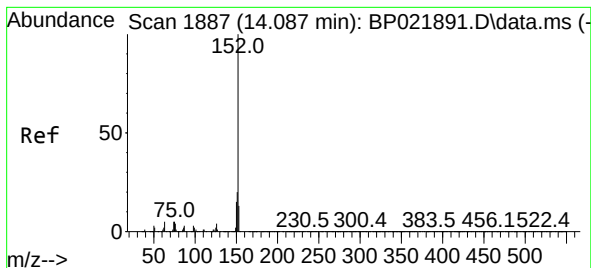
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#48
2,6-Dinitrotoluene
Concen: 4.162 ng/ul
RT: 13.939 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:165 Resp: 20090
Ion Ratio Lower Upper
165 100
89 63.8 48.2 72.4
121 24.1 17.2 25.8





#50

Acenaphthylene

Concen: 5.019 ng/ul

RT: 14.086 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

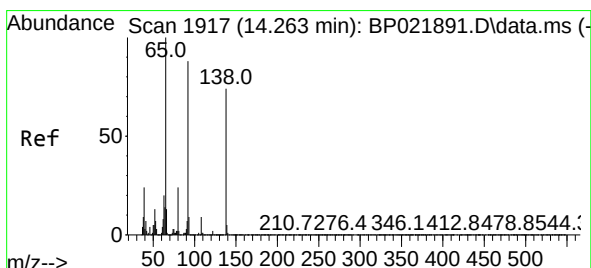
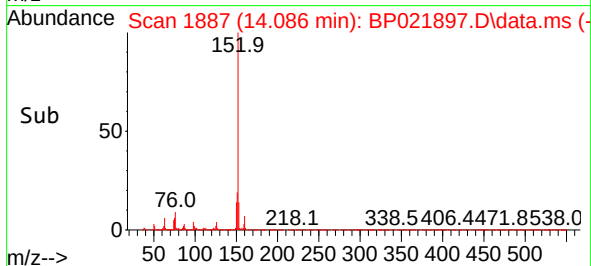
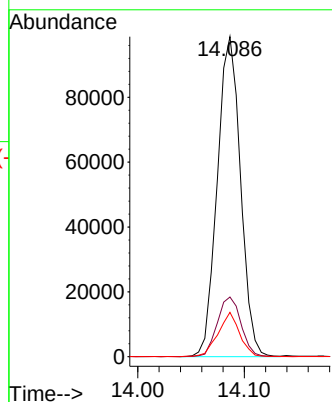
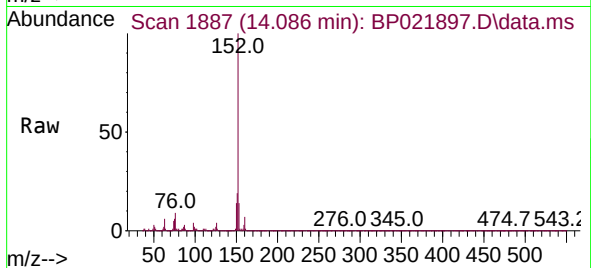
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	152	Resp:	149989
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.1	24.1
153	13.8	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#51

3-Nitroaniline

Concen: 3.989 ng/ul

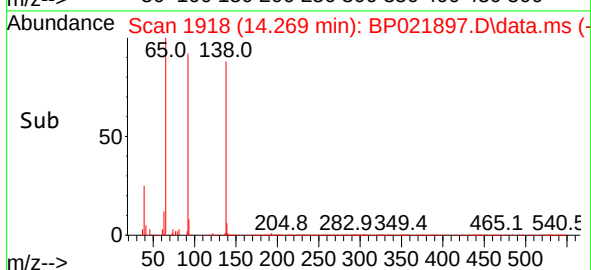
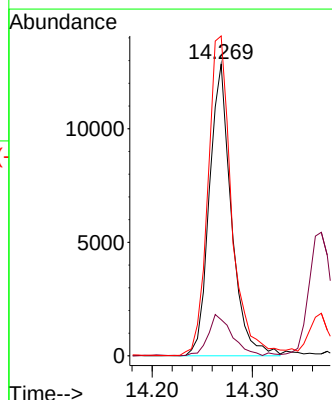
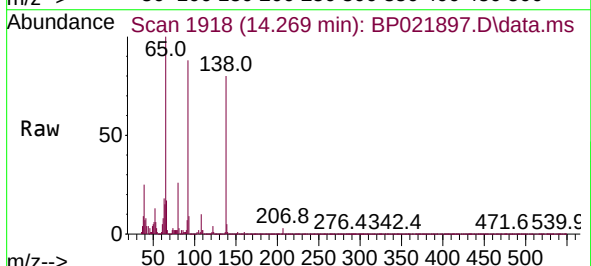
RT: 14.269 min Scan# 1918

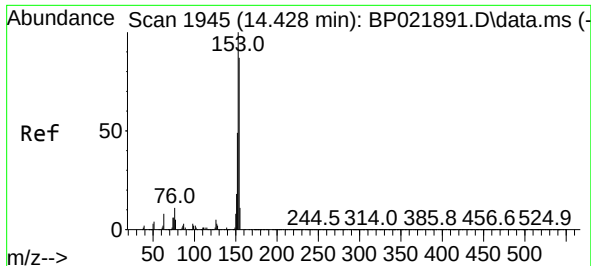
Delta R.T. 0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

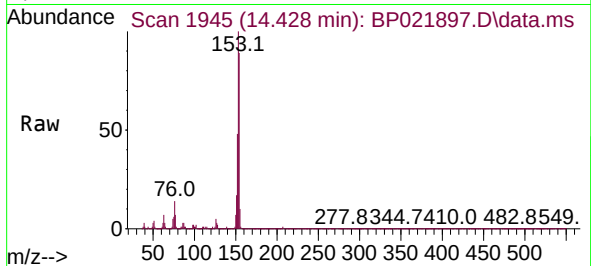
Tgt Ion:	138	Resp:	19513
Ion Ratio	Lower	Upper	
138	100		
108	12.4	10.9	16.3
92	109.7	98.6	147.8





#52
Acenaphthene
Concen: 4.794 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

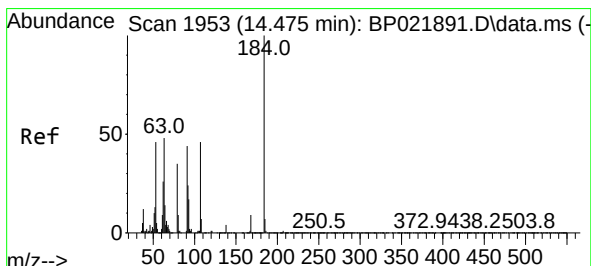
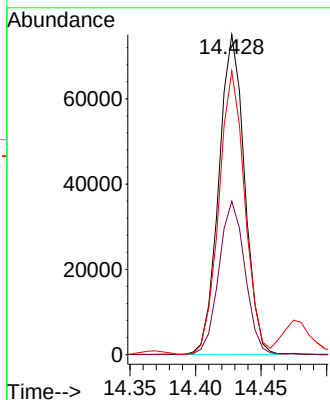
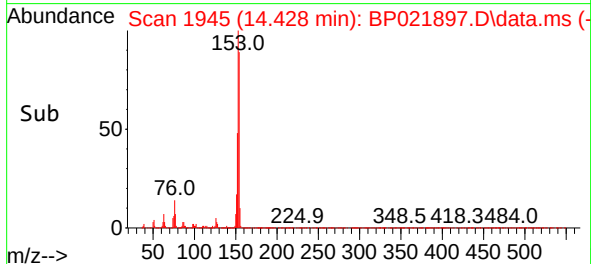
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



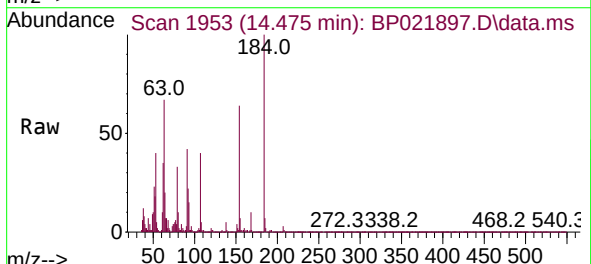
Tgt Ion:153 Resp: 102748
Ion Ratio Lower Upper
153 100
152 47.9 37.7 56.5
154 88.6 70.0 105.0

Manual Integrations
APPROVED

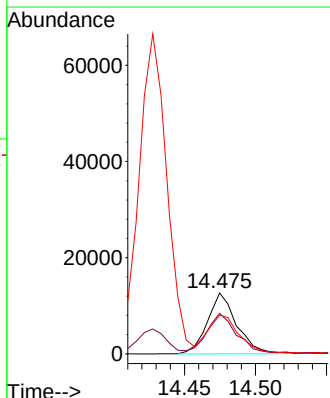
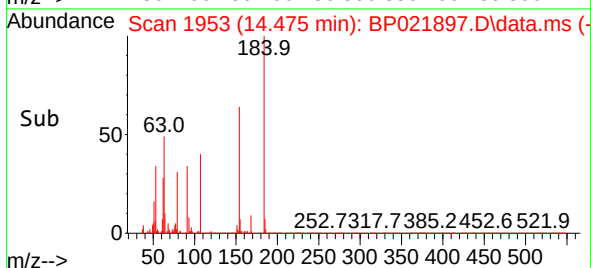
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

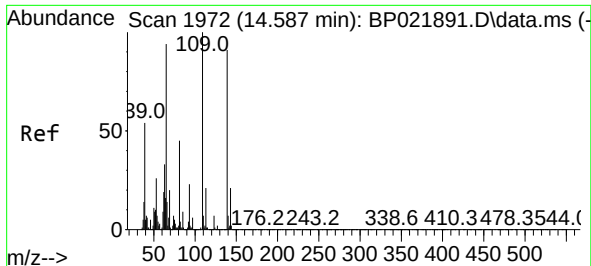


#53
2,4-Dinitrophenol
Concen: 5.930 ng/ul
RT: 14.475 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32



Tgt Ion:184 Resp: 18093
Ion Ratio Lower Upper
184 100
63 66.7 54.1 81.1
154 63.7 57.7 86.5





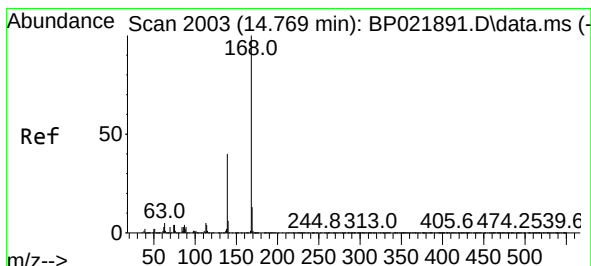
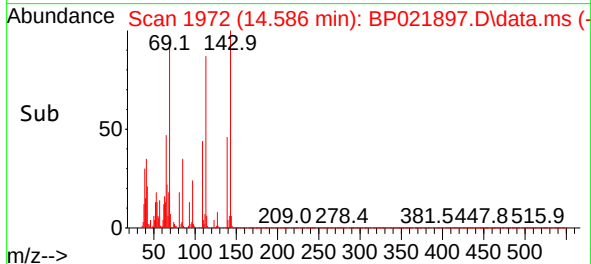
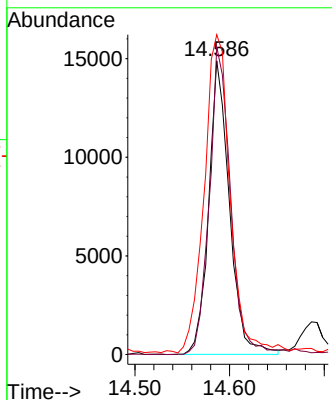
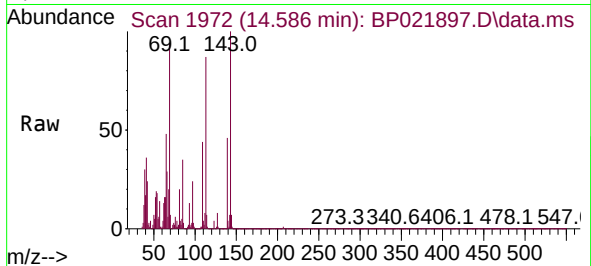
#55
4-Nitrophenol
Concen: 5.220 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	109	Resp:	22712
Ion Ratio	Lower	Upper	
109	100		
139	104.7	81.6	122.4
65	108.9	94.9	142.3

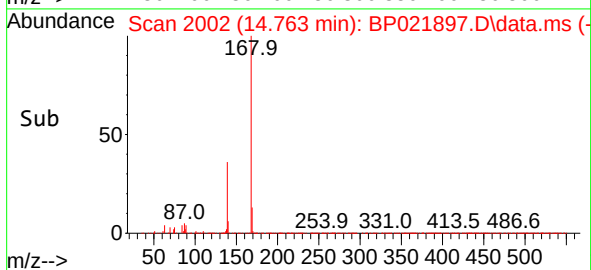
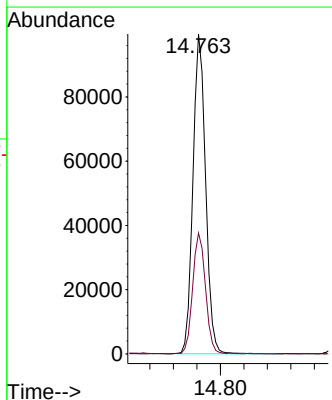
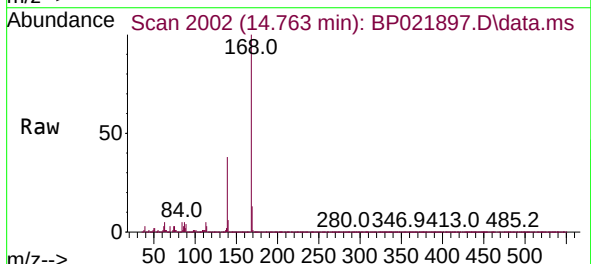
Manual Integrations
APPROVED

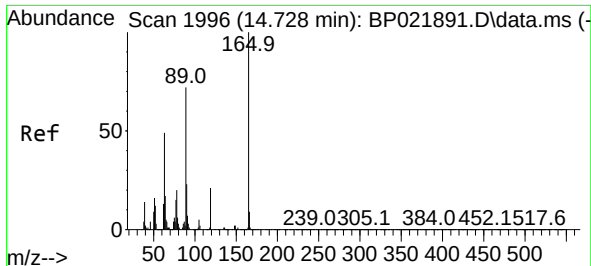
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#56
Dibenzofuran
Concen: 4.731 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

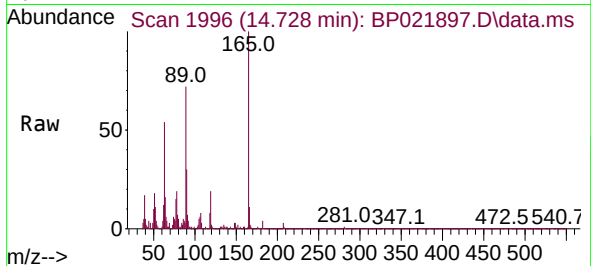
Tgt Ion:	168	Resp:	148473
Ion Ratio	Lower	Upper	
168	100		
139	37.8	30.7	46.1





#57
2,4-Dinitrotoluene
Concen: 4.363 ng/ul
RT: 14.728 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

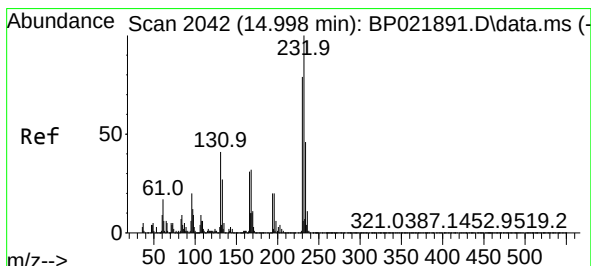
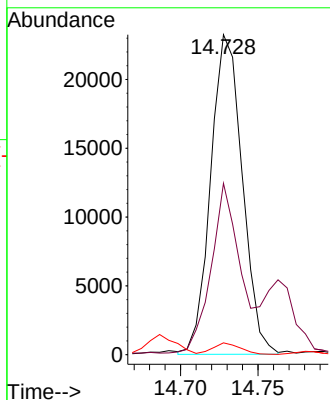
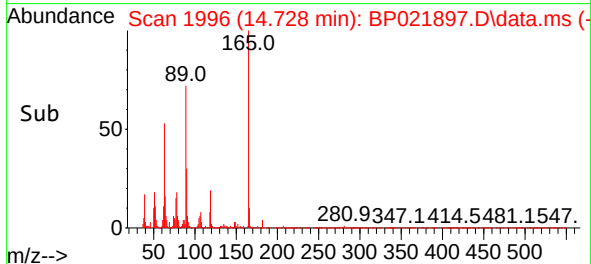
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



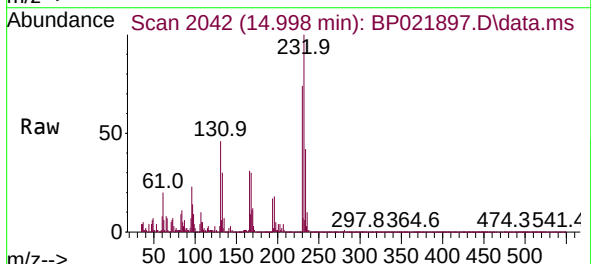
Tgt Ion:165 Resp: 33015
Ion Ratio Lower Upper
165 100
63 53.5 34.7 52.1
182 3.7 2.1 3.1

Manual Integrations
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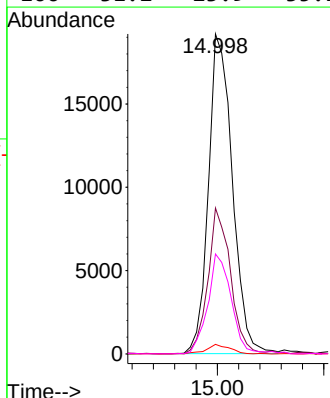
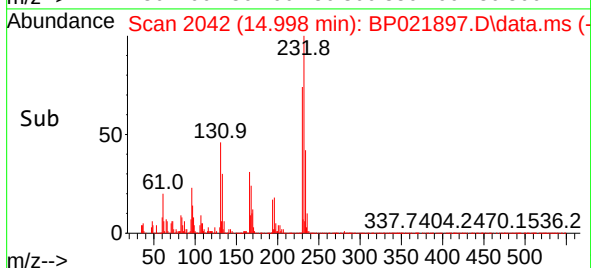
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

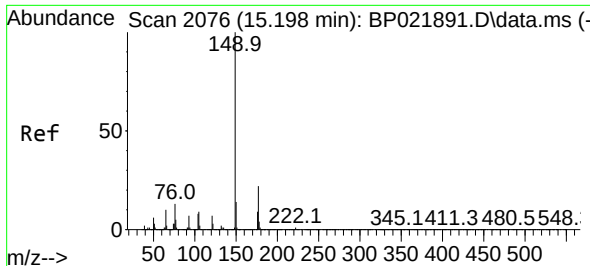


#58
2,3,4,6-Tetrachlorophenol
Concen: 4.422 ng/ul
RT: 14.998 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32



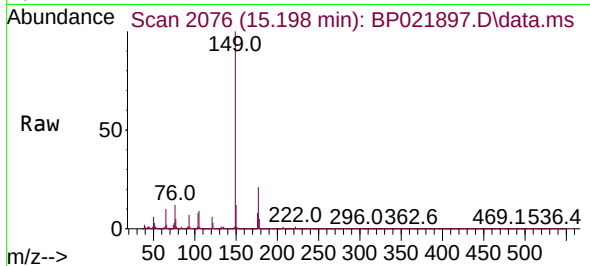
Tgt Ion:232 Resp: 29986
Ion Ratio Lower Upper
232 100
131 45.6 32.6 49.0
130 3.0 1.9 2.9
166 31.2 23.9 35.9





#59
Diethylphthalate
Concen: 4.714 ng/ul
RT: 15.198 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

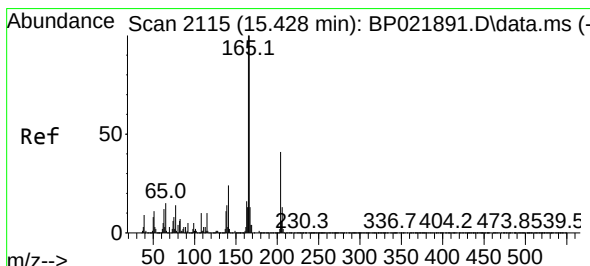
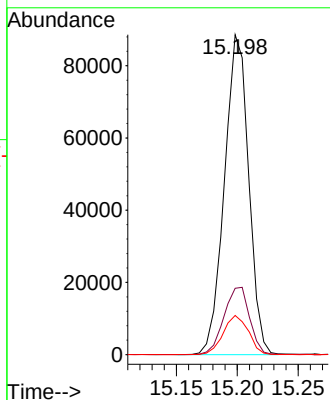
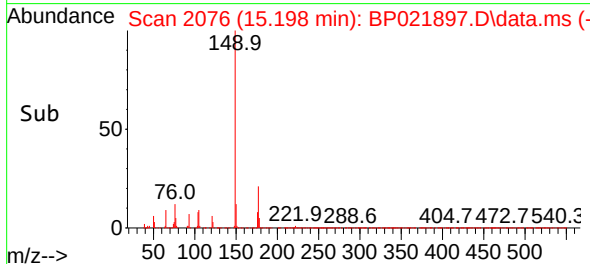
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion:149 Resp: 122915
Ion Ratio Lower Upper
149 100
177 20.7 18.2 27.2
150 12.2 9.8 14.8

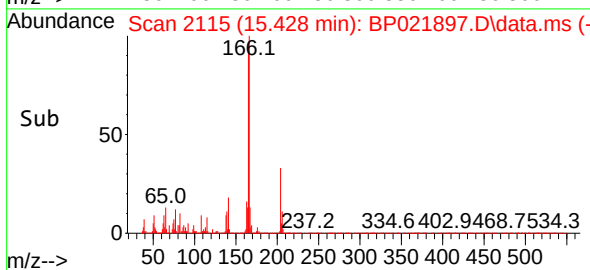
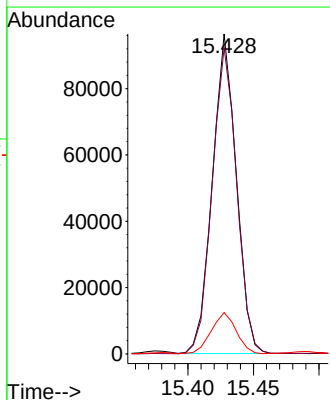
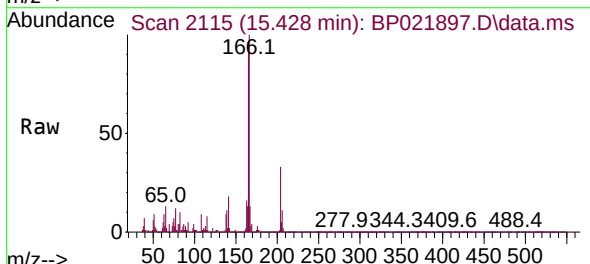
Manual Integrations
APPROVED

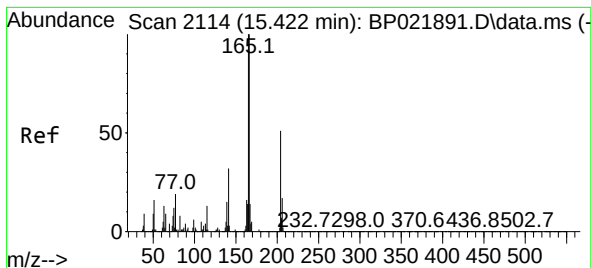
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#61
Fluorene
Concen: 4.468 ng/ul
RT: 15.428 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:166 Resp: 122974
Ion Ratio Lower Upper
166 100
165 95.7 78.9 118.3
167 12.9 10.8 16.2





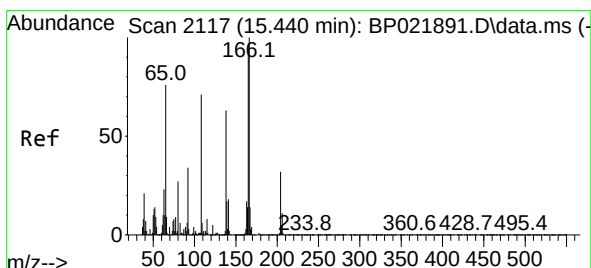
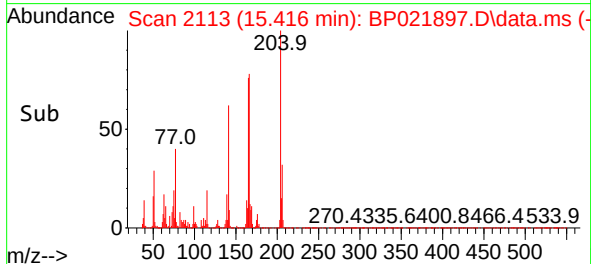
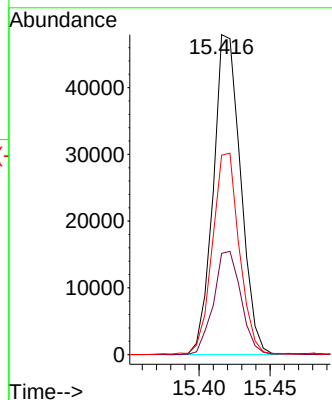
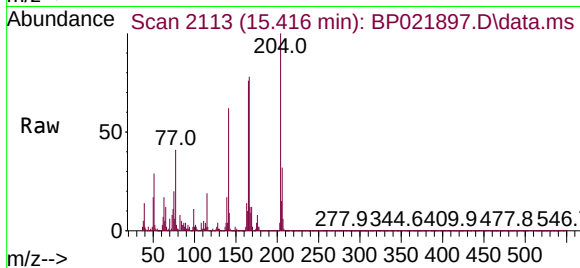
#62
4-Chlorophenyl-phenylether
Concen: 4.487 ng/ul
RT: 15.416 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion:204 Resp: 64310
Ion Ratio Lower Upper
204 100
206 31.6 27.8 41.8
141 62.3 44.4 66.6

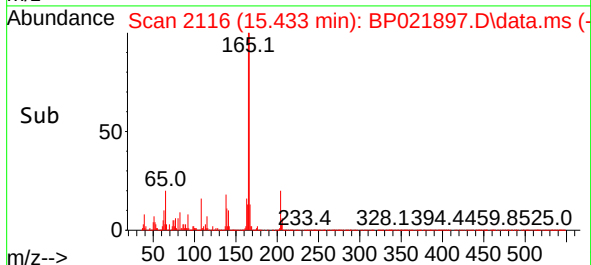
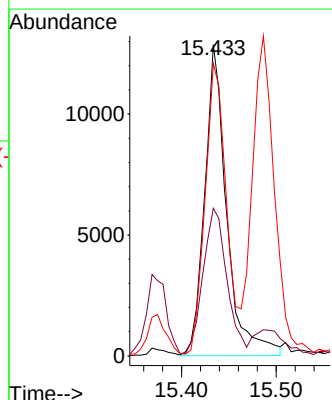
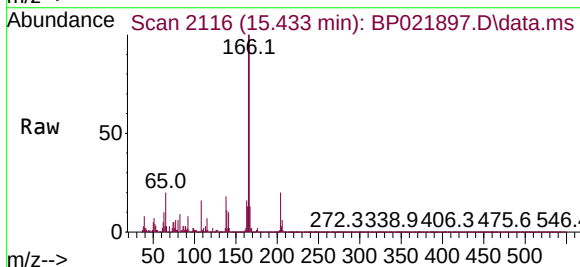
Manual Integrations
APPROVED

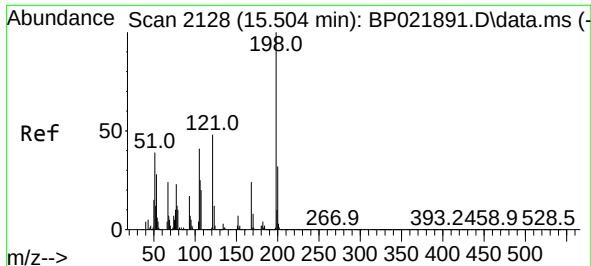
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#63
4-Nitroaniline
Concen: 3.834 ng/ul
RT: 15.433 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

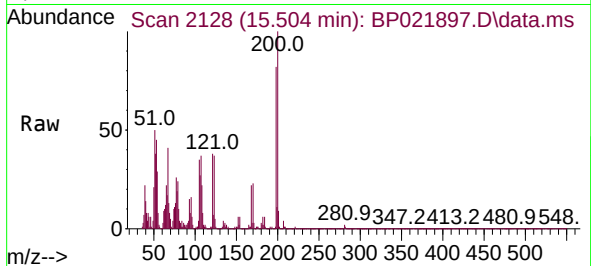
Tgt Ion:138 Resp: 20804
Ion Ratio Lower Upper
138 100
92 47.5 44.9 67.3
108 94.0 73.1 109.7





#66
4,6-Dinitro-2-methylphenol
Concen: 4.373 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

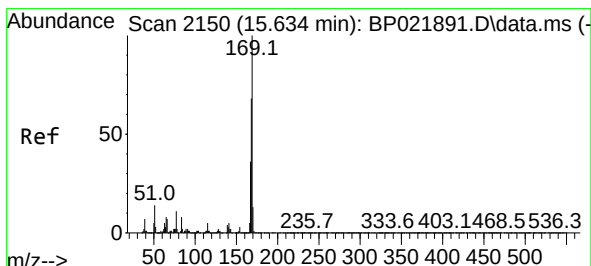
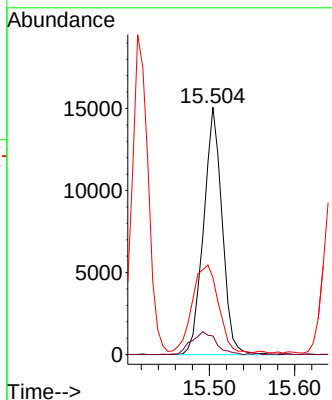
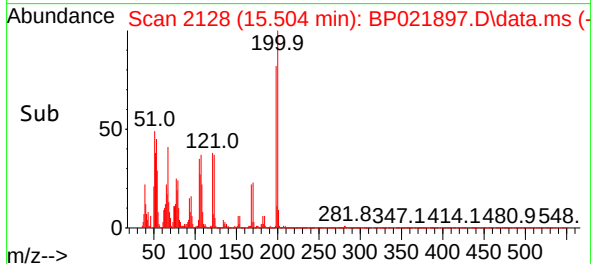
Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion:198 Resp: 22720
Ion Ratio Lower Upper
198 100
182 7.6 4.5 6.7
77 31.1 19.4 29.2

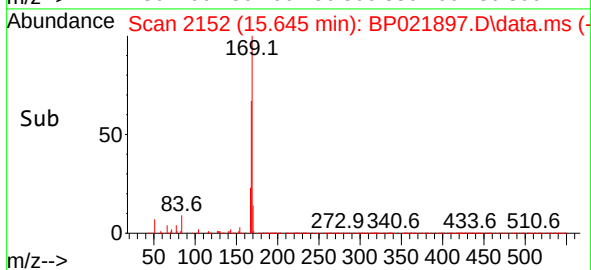
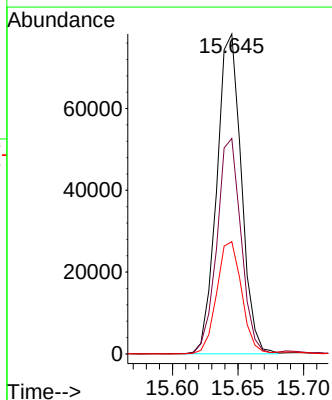
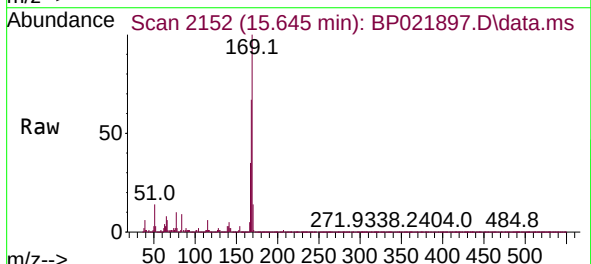
Manual Integrations
APPROVED

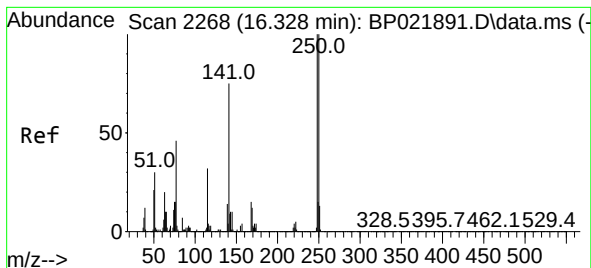
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#67
N-Nitrosodiphenylamine
Concen: 4.507 ng/ul
RT: 15.645 min Scan# 2152
Delta R.T. 0.012 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

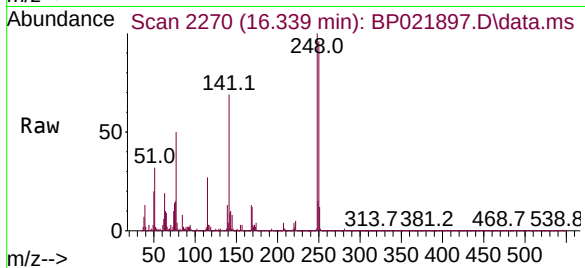
Tgt Ion:169 Resp: 102230
Ion Ratio Lower Upper
169 100
168 67.3 54.6 82.0
167 35.1 29.9 44.9





#68
4-Bromophenyl-phenylether
Concen: 4.780 ng/ul
RT: 16.339 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

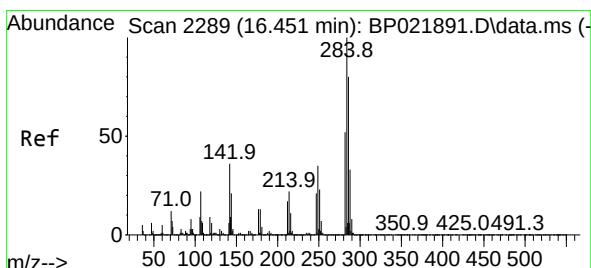
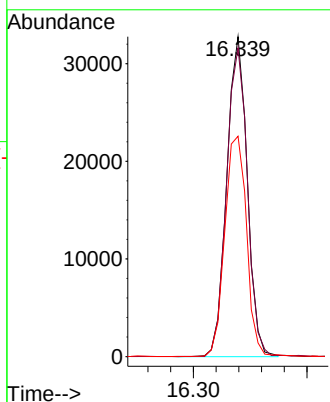
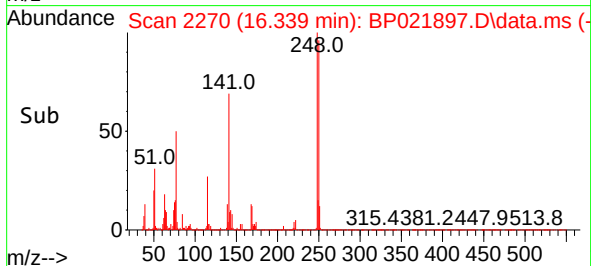
Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion:248 Resp: 40999
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 68.9 54.5 81.7

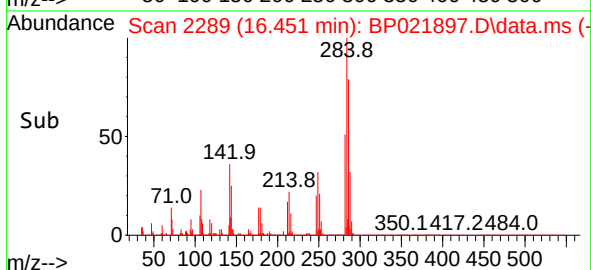
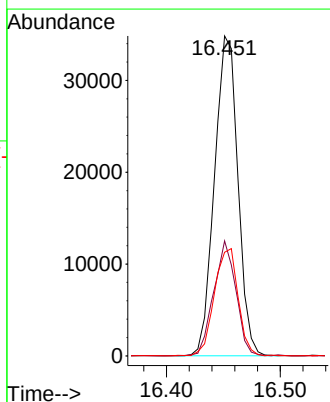
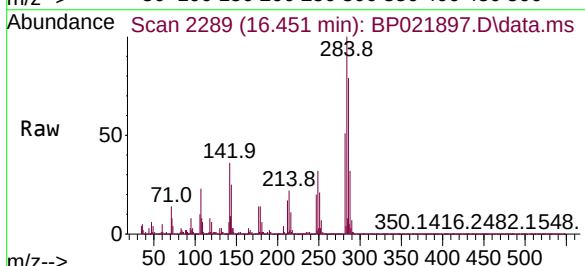
Manual Integrations
APPROVED

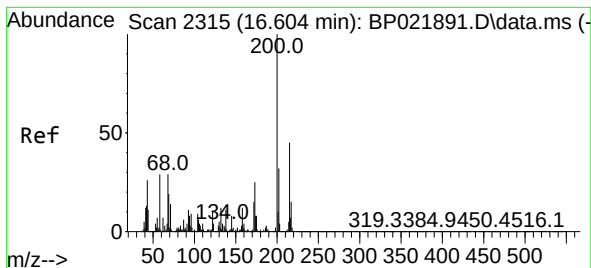
Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#69
Hexachlorobenzene
Concen: 4.840 ng/ul
RT: 16.451 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BP021897.D
Acq: 12 Sep 2024 15:32

Tgt Ion:284 Resp: 49828
Ion Ratio Lower Upper
284 100
142 35.9 24.2 36.4
249 32.4 26.2 39.2





#70

Atrazine

Concen: 4.819 ng/ul

RT: 16.616 min Scan# 2317

Delta R.T. 0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNP_P

ClientSampleId :

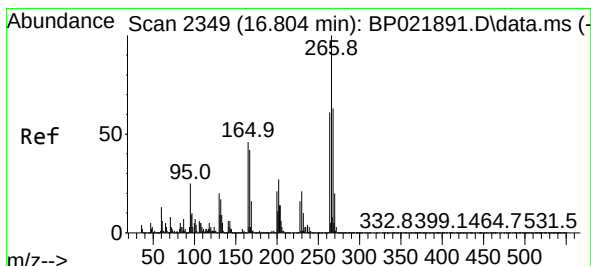
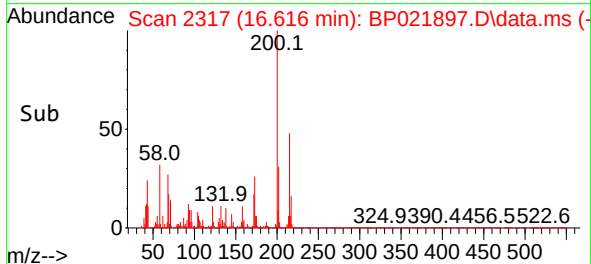
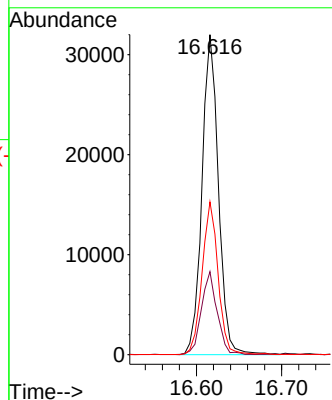
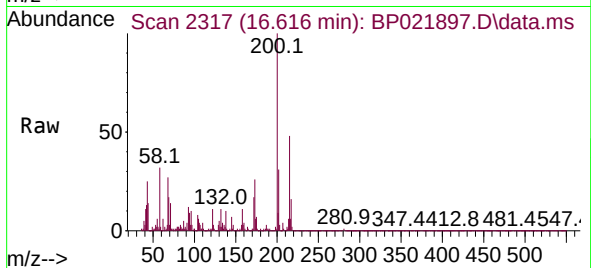
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	200	Resp:	42895
Ion Ratio	Lower	Upper	
200	100		
173	25.9	19.4	29.2
215	47.7	38.2	57.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#71

Pentachlorophenol

Concen: 6.791 ng/ul

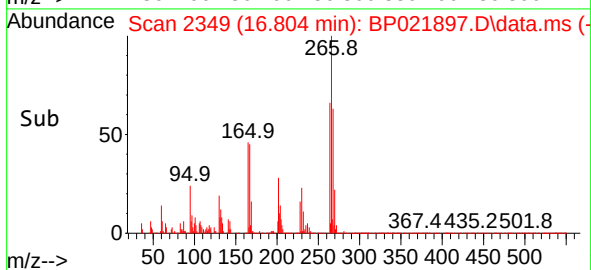
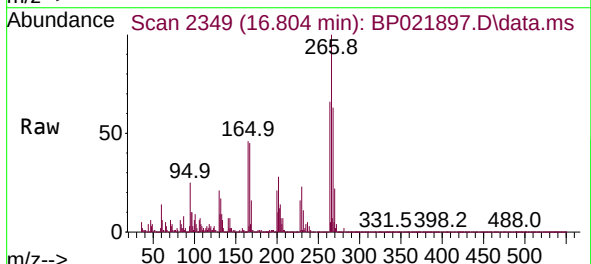
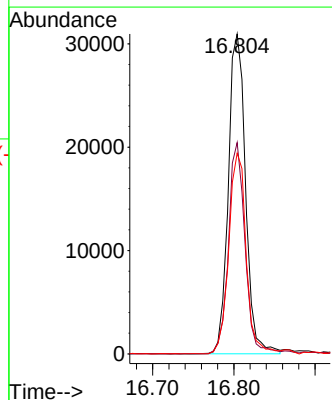
RT: 16.804 min Scan# 2349

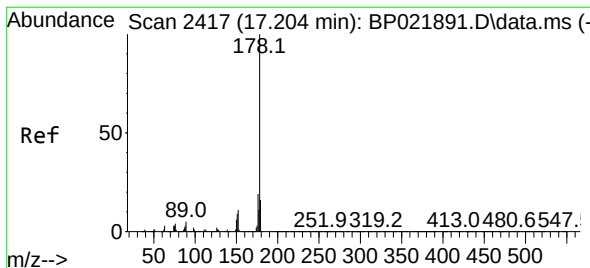
Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	266	Resp:	45649
Ion Ratio	Lower	Upper	
266	100		
264	66.0	49.0	73.6
268	62.7	49.7	74.5





#72

Phenanthrene

Concen: 4.592 ng/ul

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

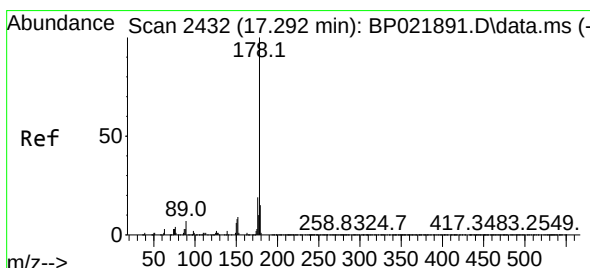
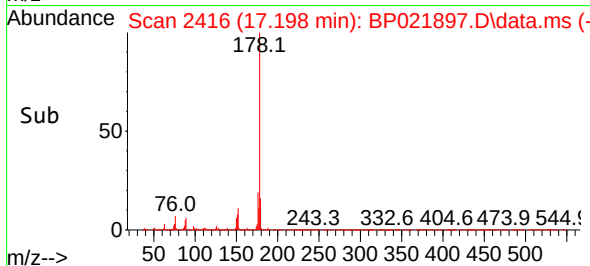
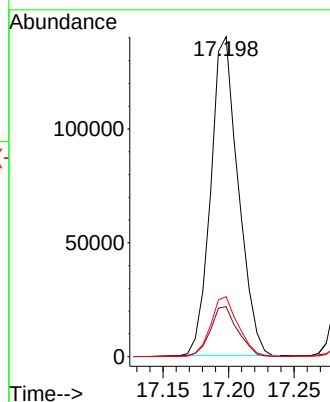
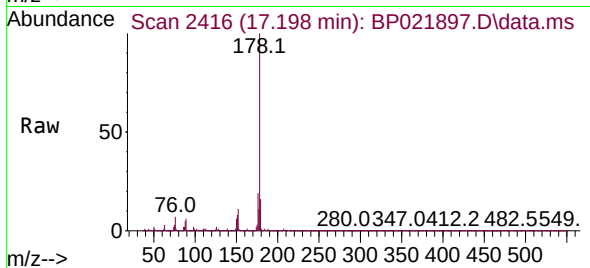
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:178	Resp: 204564
Ion Ratio	Lower Upper
178 100	
179 15.6	12.1 18.1
176 18.7	15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#74

Anthracene

Concen: 3.915 ng/ul

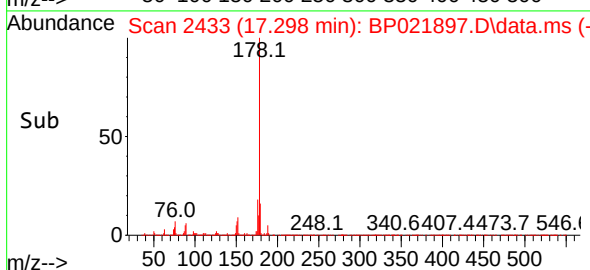
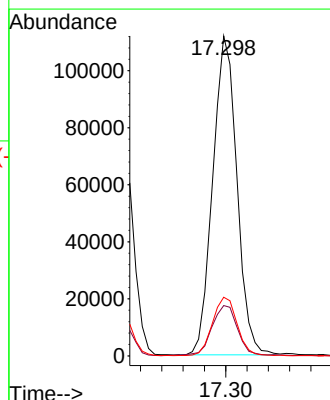
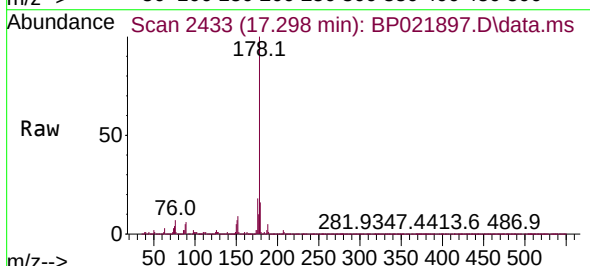
RT: 17.298 min Scan# 2433

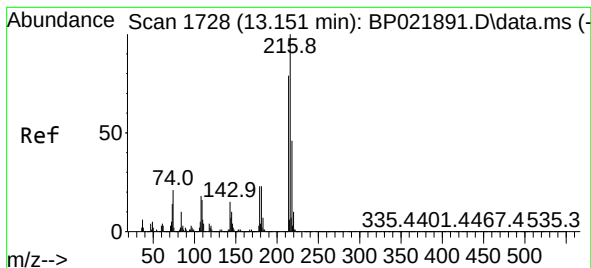
Delta R.T. 0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:178	Resp: 176293
Ion Ratio	Lower Upper
178 100	
179 15.7	12.2 18.4
176 18.3	14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.460 ng/uL

RT: 13.163 min Scan# 1728

Delta R.T. 0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

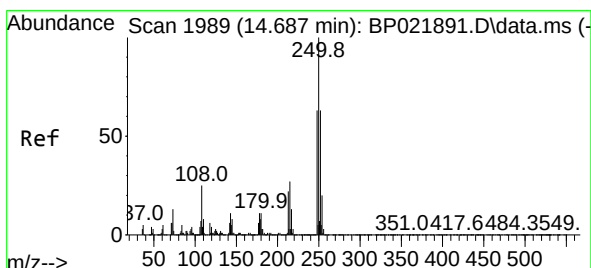
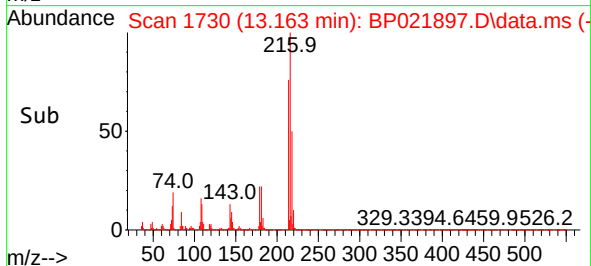
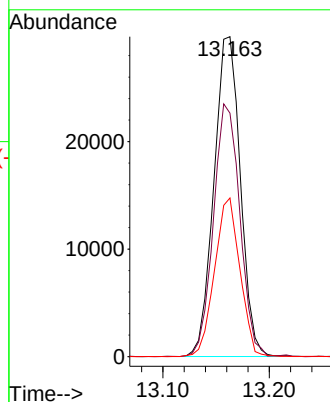
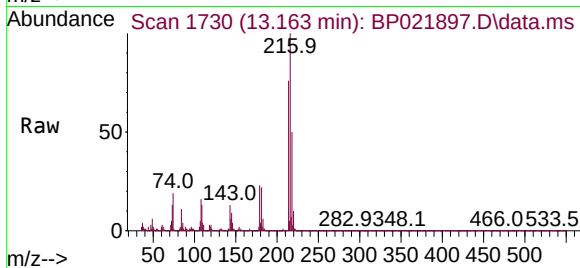
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	216	Resp:	51328
Ion Ratio	Lower	Upper	
216	100		
214	76.1	60.4	90.6
218	49.6	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#76

Pentachlorobenzene

Concen: 4.940 ng/uL

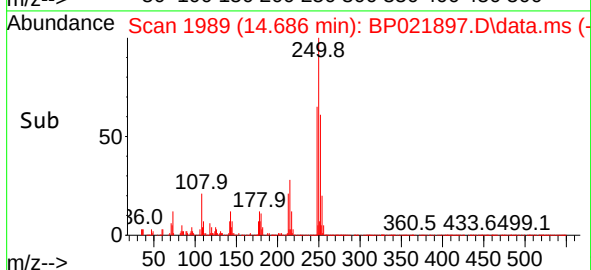
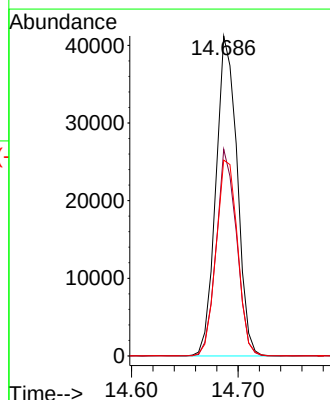
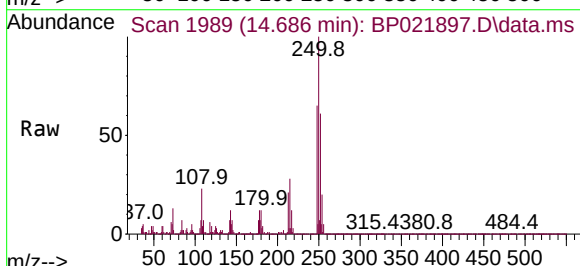
RT: 14.686 min Scan# 1989

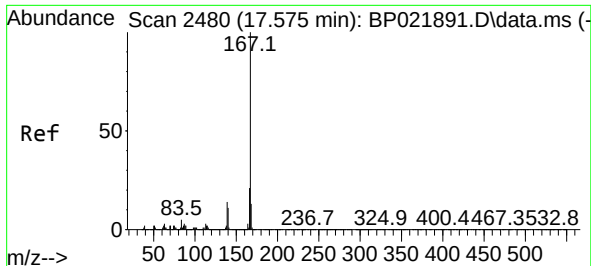
Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

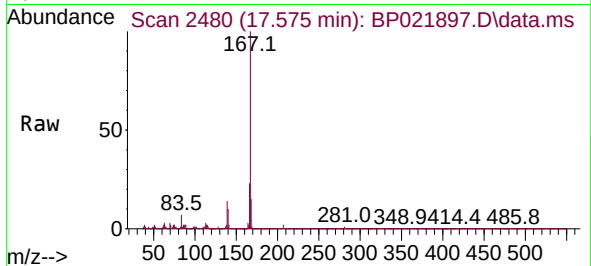
Tgt Ion:	250	Resp:	56887
Ion Ratio	Lower	Upper	
250	100		
248	64.6	51.1	76.7
252	61.2	49.9	74.9





#77
 Carbazole
 Concen: 4.373 ng/ul
 RT: 17.575 min Scan# 2480
 Delta R.T. -0.000 min
 Lab File: BP021897.D
 Acq: 12 Sep 2024 15:32

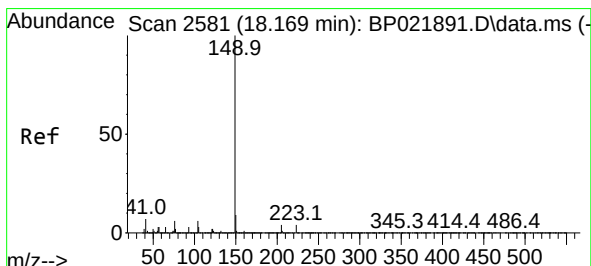
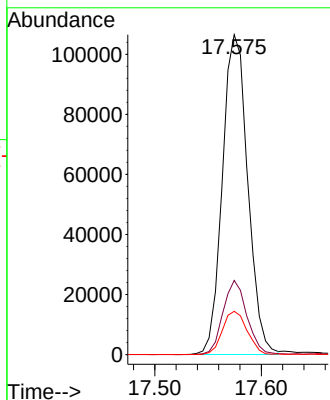
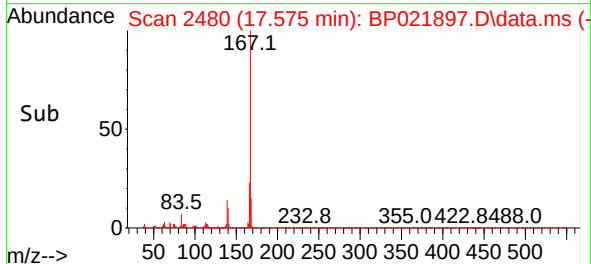
Instrument : BNA_P
 ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion:167 Resp: 176312
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.0 25.6
 139 13.5 10.1 15.1

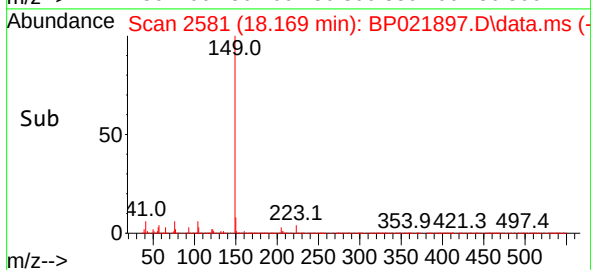
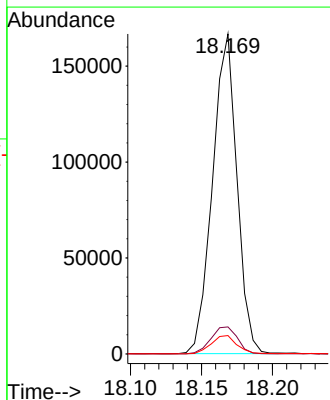
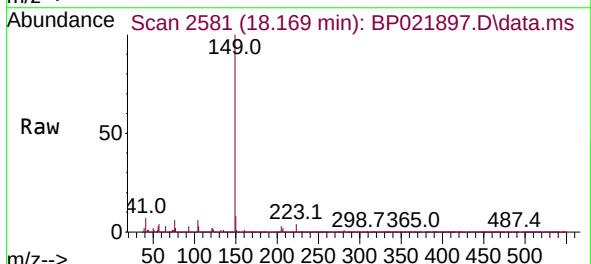
Manual Integrations
 APPROVED

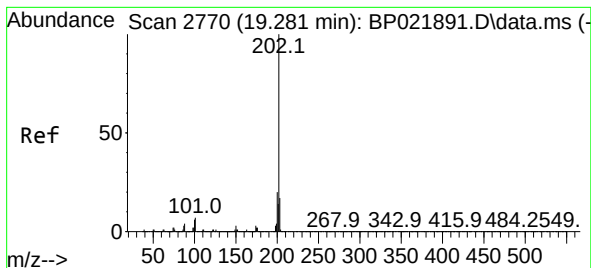
Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024



#78
 Di-n-butylphthalate
 Concen: 4.506 ng/ul
 RT: 18.169 min Scan# 2581
 Delta R.T. -0.000 min
 Lab File: BP021897.D
 Acq: 12 Sep 2024 15:32

Tgt Ion:149 Resp: 199734
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.4 11.0
 104 5.7 4.2 6.4





#80

Fluoranthene

Concen: 4.668 ng/ul

RT: 19.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

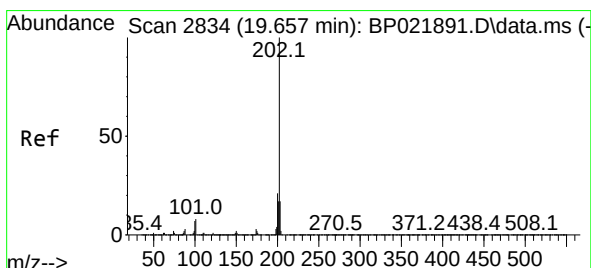
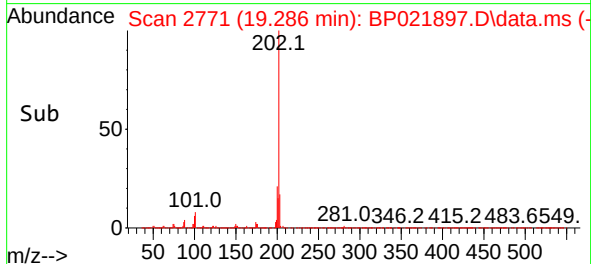
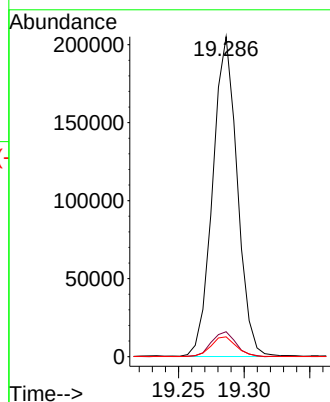
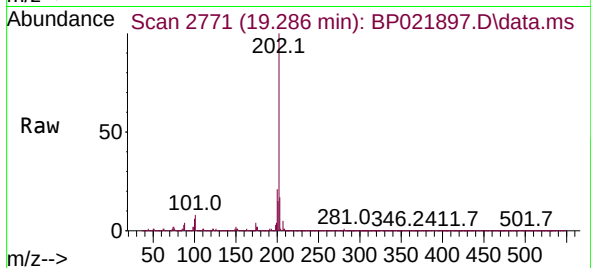
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	202	Resp:	267955
Ion Ratio	Lower	Upper	
202	100		
101	7.8	7.1	10.7
100	6.2	5.6	8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#82

Pyrene

Concen: 4.602 ng/ul

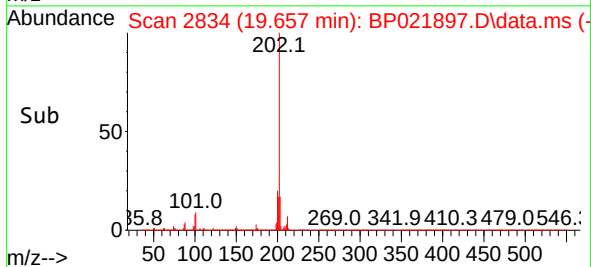
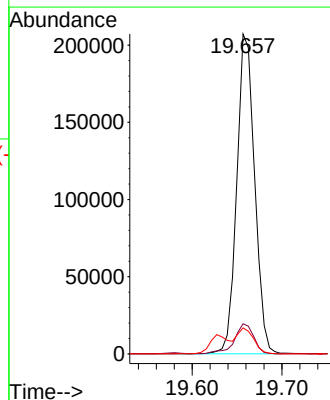
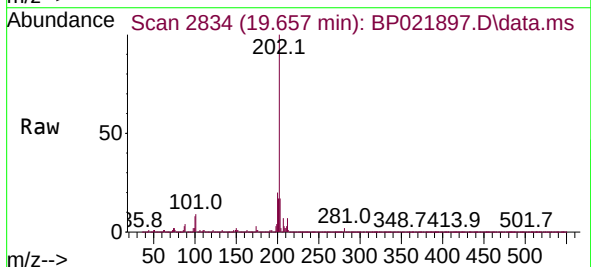
RT: 19.657 min Scan# 2834

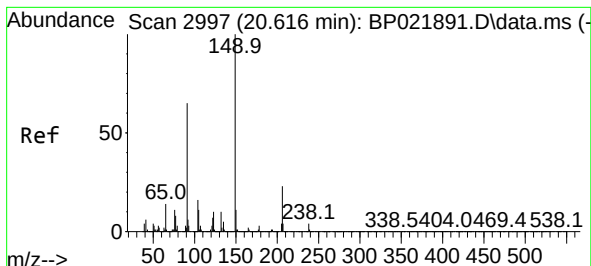
Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	202	Resp:	286679
Ion Ratio	Lower	Upper	
202	100		
101	9.4	8.6	13.0
100	8.1	7.4	11.0





#83

Butylbenzylphthalate

Concen: 4.688 ng/ul

RT: 20.604 min Scan# 2997

Delta R.T. -0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

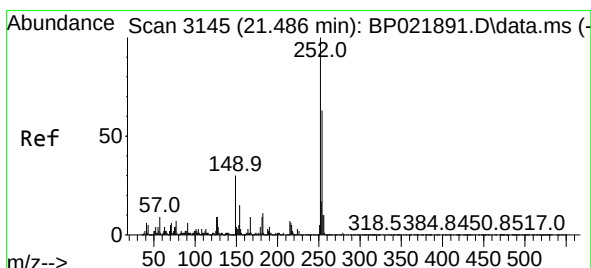
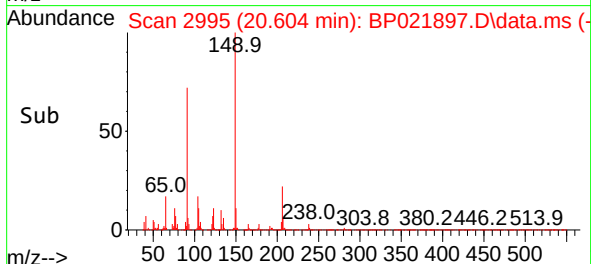
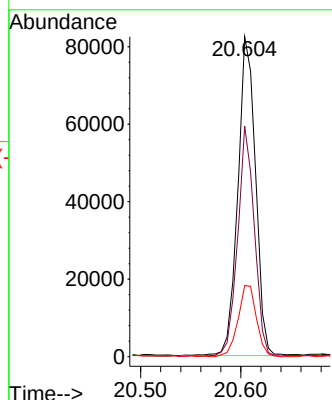
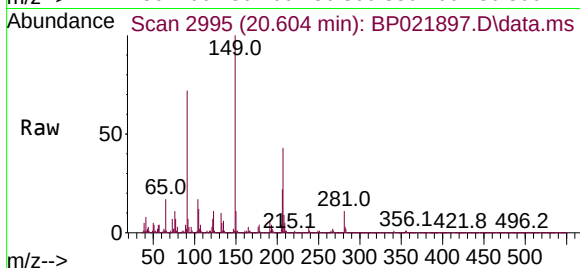
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	149	Resp:	10041
Ion Ratio	Lower	Upper	
149	100		
91	72.1	57.4	86.2
206	22.2	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#84

3,3'-Dichlorobenzidine

Concen: 3.875 ng/ul

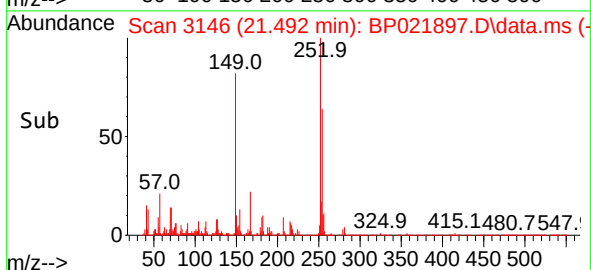
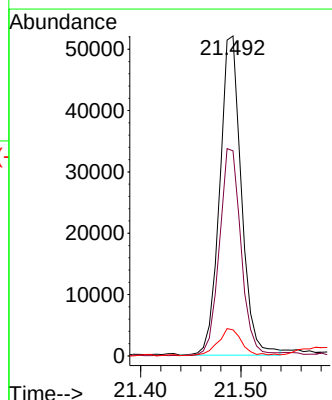
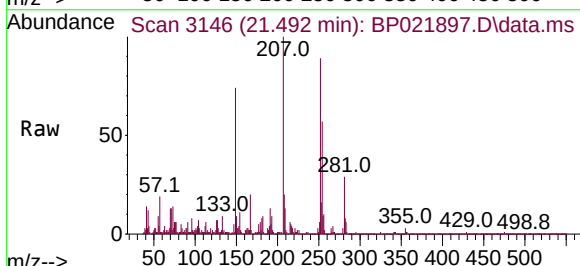
RT: 21.492 min Scan# 3146

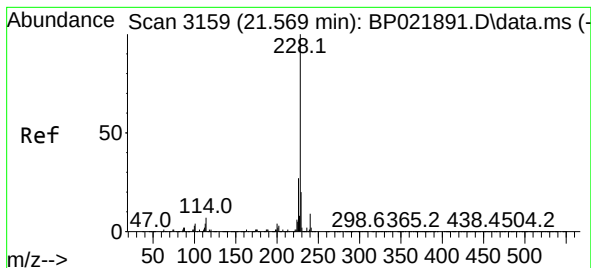
Delta R.T. 0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	252	Resp:	78221
Ion Ratio	Lower	Upper	
252	100		
254	64.1	51.6	77.4
126	8.1	7.2	10.8





#85

Benzo(a)anthracene

Concen: 4.631 ng/ul

RT: 21.568 min Scan# 3159

Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

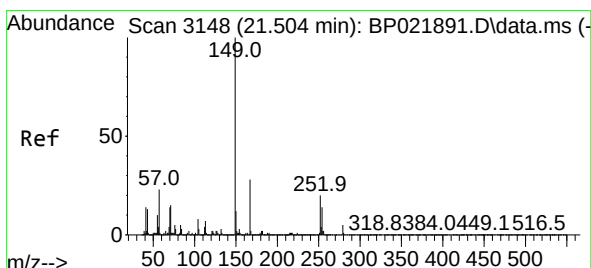
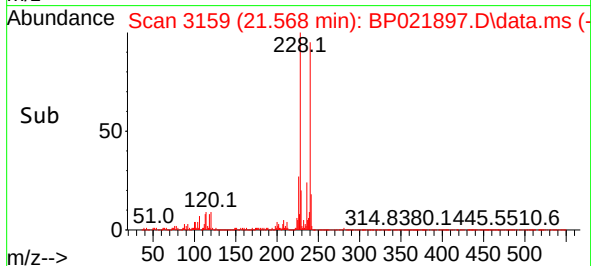
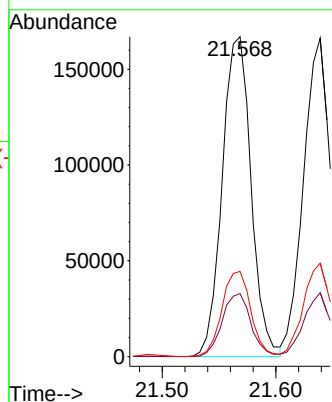
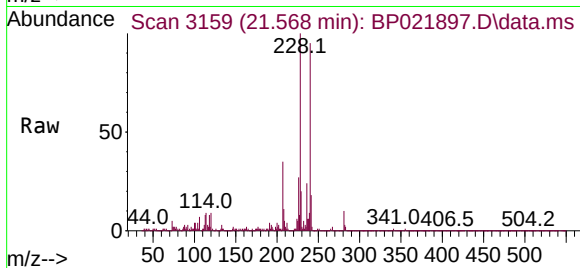
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	228	Resp:	29468
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.6
226	26.6	21.3	31.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.483 ng/ul

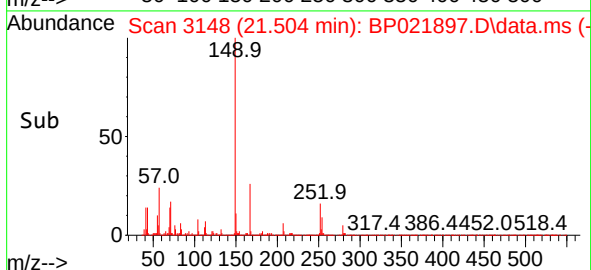
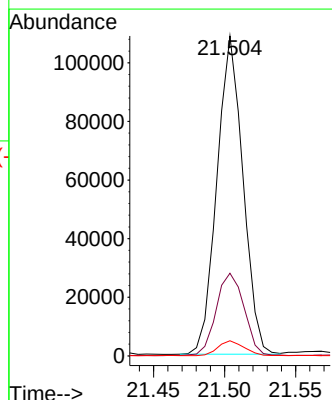
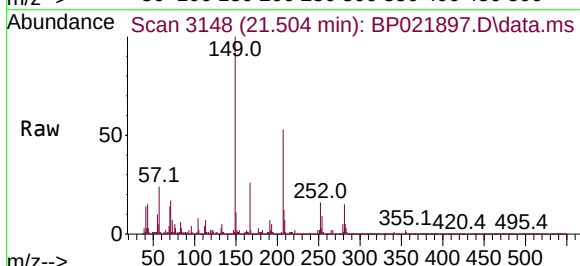
RT: 21.504 min Scan# 3148

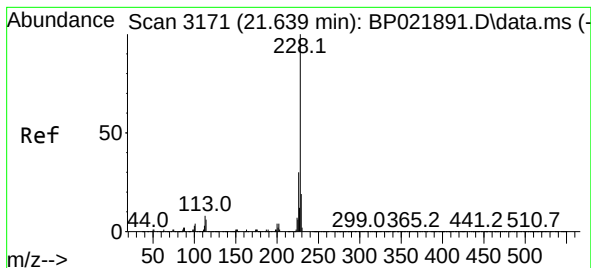
Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	149	Resp:	138731
Ion Ratio	Lower	Upper	
149	100		
167	25.8	22.0	33.0
279	4.7	3.4	5.0





#87

Chrysene

Concen: 4.579 ng/ul

RT: 21.639 min Scan# 3171

Delta R.T. -0.000 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

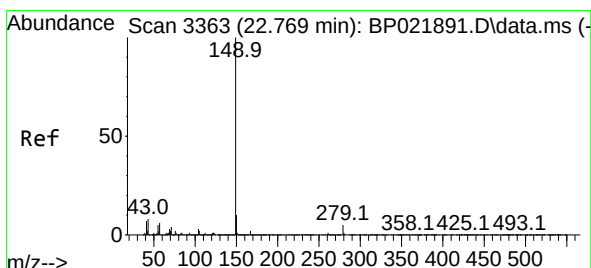
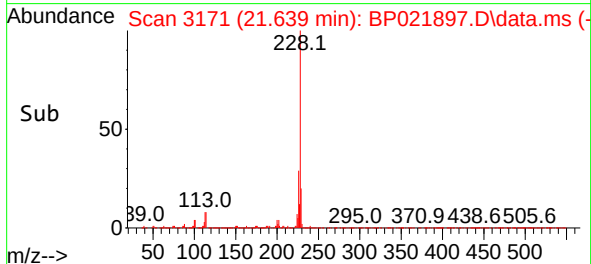
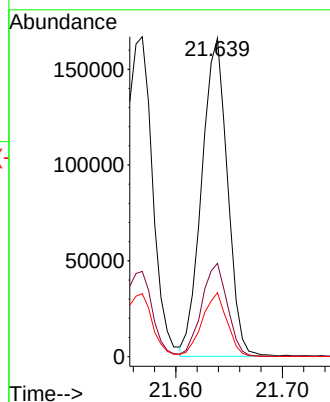
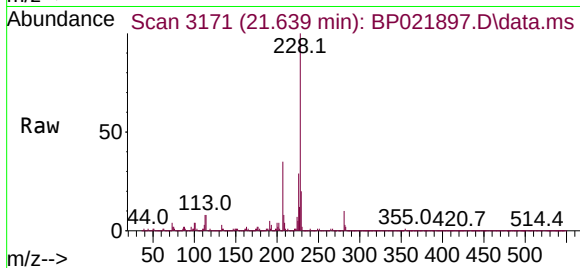
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:228 Resp: 27870
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.0
 229 20.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024



#89

Di-n-octyl phthalate

Concen: 3.979 ng/ul

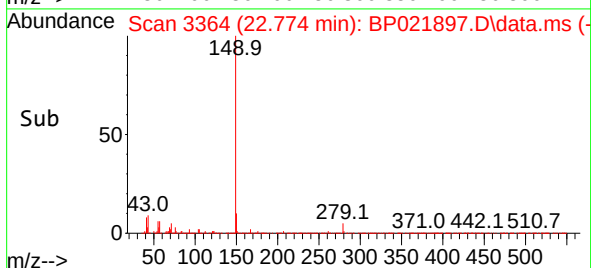
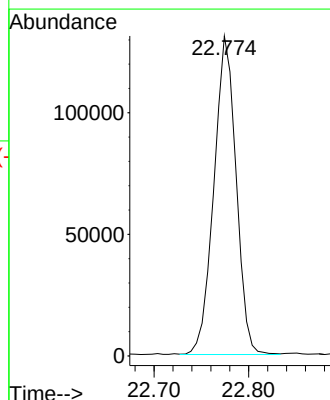
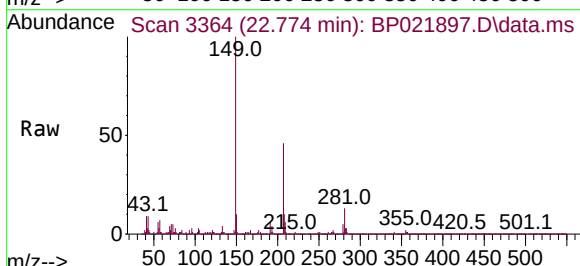
RT: 22.774 min Scan# 3364

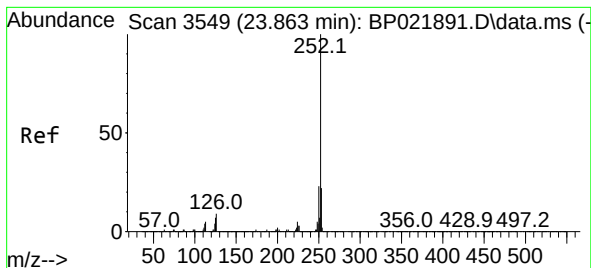
Delta R.T. 0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:149 Resp: 213652





#90

Benzo(b)fluoranthene

Concen: 4.807 ng/ul

RT: 23.857 min Scan# 3548

Delta R.T. -0.006 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

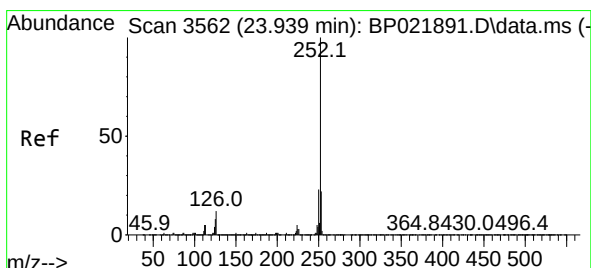
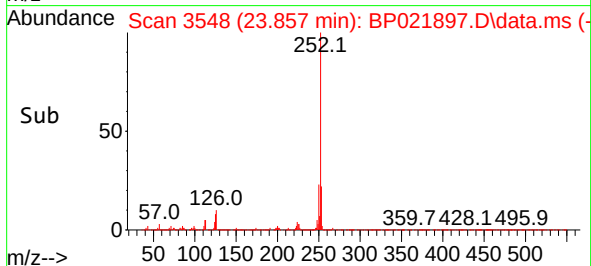
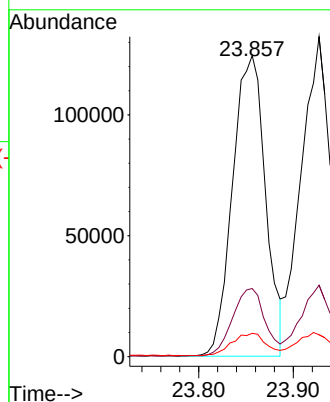
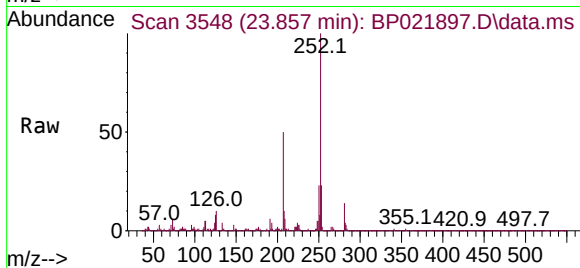
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	252	Resp:	300539
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	7.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#91

Benzo(k)fluoranthene

Concen: 4.912 ng/ul

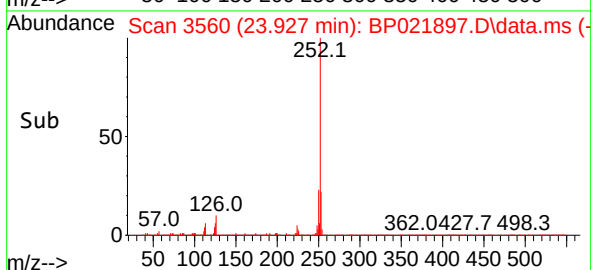
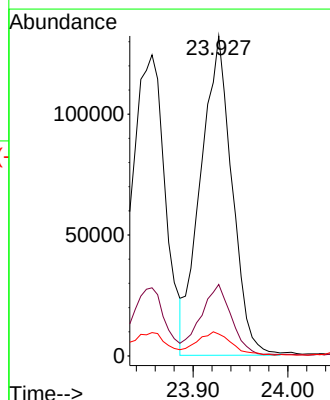
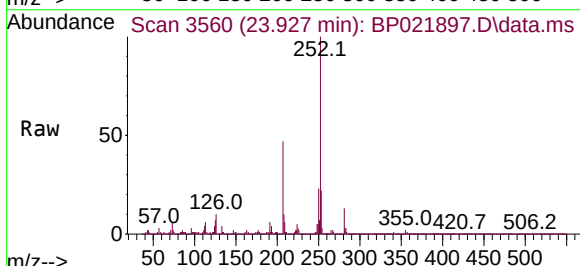
RT: 23.927 min Scan# 3560

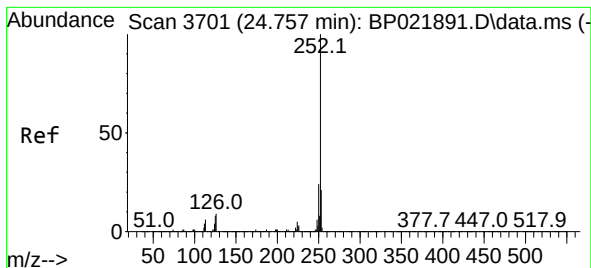
Delta R.T. -0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	252	Resp:	303455
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	6.8	6.6	9.8





#93

Benzo(a)pyrene

Concen: 4.748 ng/ul

RT: 24.745 min Scan# 3699

Delta R.T. -0.012 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNA_P

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

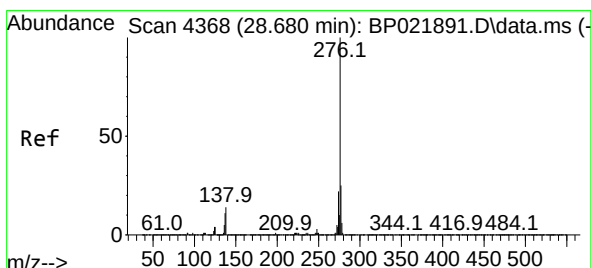
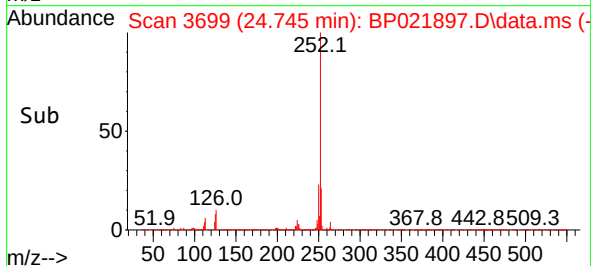
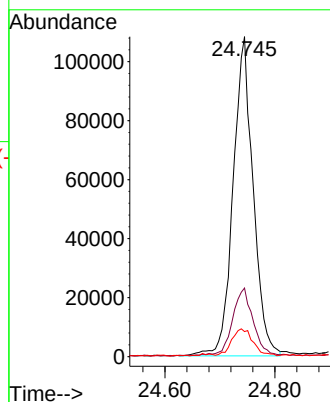
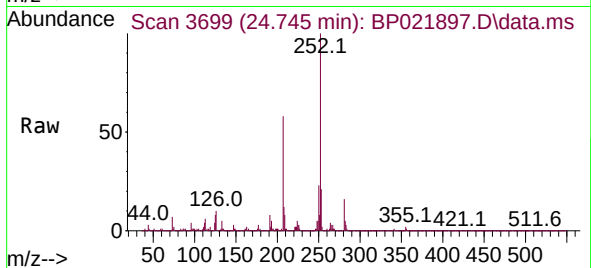
Tgt Ion:252 Resp: 274069

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	7.8	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.829 ng/ul m

RT: 28.674 min Scan# 4367

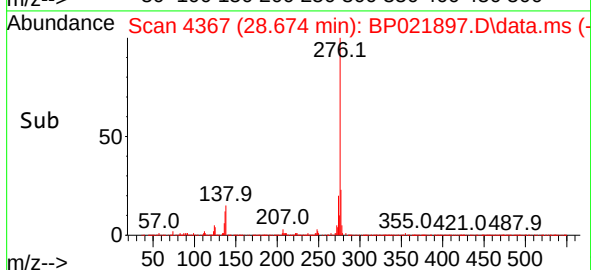
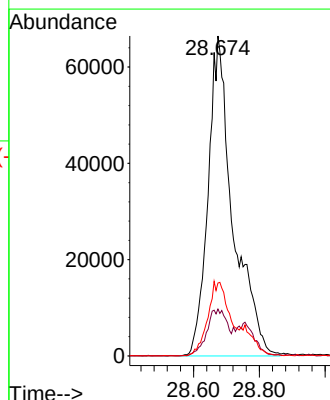
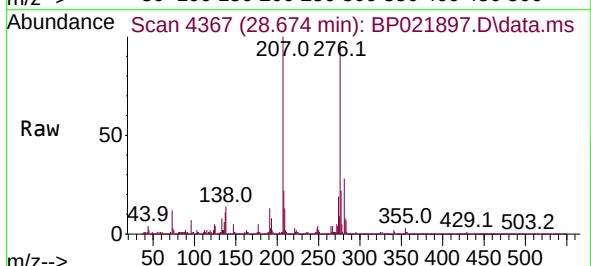
Delta R.T. -0.006 min

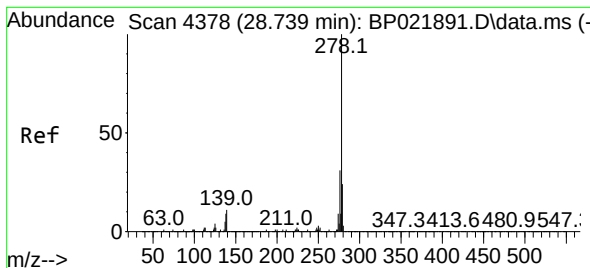
Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:276 Resp: 350254

Ion	Ratio	Lower	Upper
276	100		
138	14.6	13.9	20.9
277	22.8	19.0	28.4





#95

Dibenzo(a,h)anthracene

Concen: 4.936 ng/ul

RT: 28.756 min Scan# 4381

Delta R.T. 0.017 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Instrument :

BNP_P

ClientSampleId :

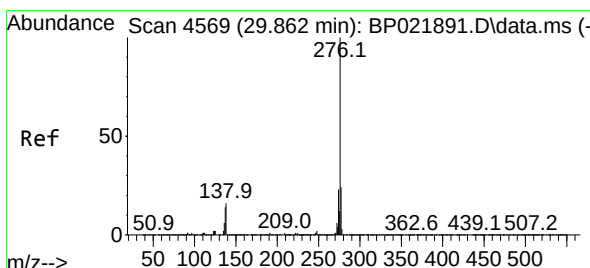
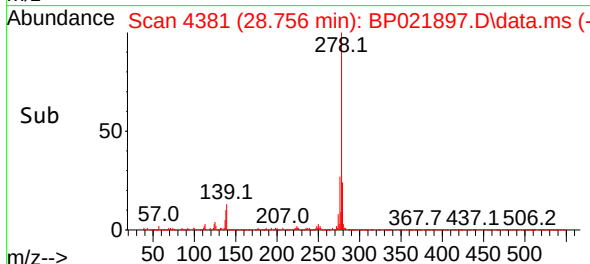
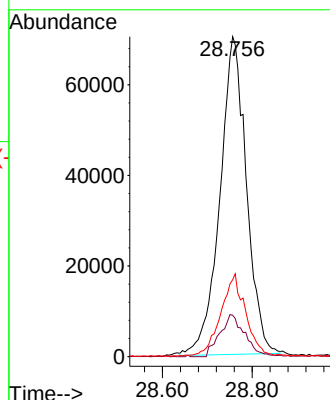
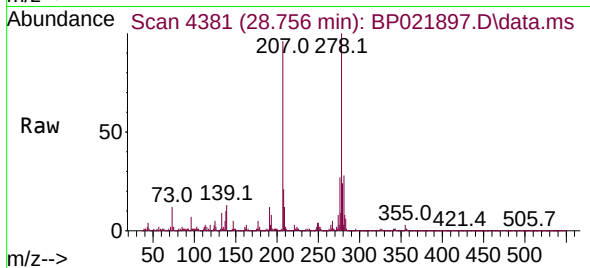
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:	278	Resp:	288382
Ion Ratio	Lower	Upper	
278	100		
139	12.9	10.9	16.3
279	24.0	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024



#96

Benzo(g,h,i)perylene

Concen: 5.021 ng/ul m

RT: 29.839 min Scan# 4565

Delta R.T. -0.024 min

Lab File: BP021897.D

Acq: 12 Sep 2024 15:32

Tgt Ion:	276	Resp:	288003
Ion Ratio	Lower	Upper	
276	100		
138	15.6	14.8	22.2
277	23.0	19.6	29.4

