

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
 Data File : BP006482.D
 Acq On : 03 Aug 2021 17:34
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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8/4/2021 3:46:03 PM

Quant Time: Aug 03 18:08:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 18:07:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	131852	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	529445	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	296409	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	601726	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	645889	20.000	ng	# 0.00
86) Perylene-d12	23.563	264	687610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1013564	118.070	ng	0.00
7) Phenol-d6	6.934	99	1392792	114.216	ng	0.00
23) Nitrobenzene-d5	8.910	82	873170	76.124	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	372348	120.198	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1508318	76.133	ng	0.00
79) Terphenyl-d14	19.716	244	2265278	70.277	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	21562	5.769	ng	# 88
3) Pyridine	3.705	79	52976	4.823	ng	93
4) n-Nitrosodimethylamine	3.617	42	22275	5.373	ng	# 83
6) Aniline	7.093	93	77872	5.879	ng	92
8) 2-Chlorophenol	7.322	128	49178	5.295	ng	88
9) Benzaldehyde	6.910	77	54978	7.491	ng	89
10) Phenol	6.958	94	64284	5.257	ng	93
11) bis(2-Chloroethyl)ether	7.193	93	49984	5.384	ng	88
12) 1,3-Dichlorobenzene	7.646	146	52541m	5.428	ng	
13) 1,4-Dichlorobenzene	7.793	146	53390	5.434	ng	97
14) 1,2-Dichlorobenzene	8.105	146	52049	5.521	ng	95
15) Benzyl Alcohol	8.005	79	45422	4.967	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.293	45	59357	5.372	ng	93
17) 2-Methylphenol	8.199	107	37927	4.912	ng	97
18) Hexachloroethane	8.828	117	21660	5.570	ng	# 81
19) n-Nitroso-di-n-propyla...	8.563	70	40898	4.999	ng	# 95
20) 3+4-Methylphenols	8.528	107	49973	4.755	ng	97
22) Acetophenone	8.581	105	78411	5.585	ng	# 97
24) Nitrobenzene	8.957	77	65908	5.528	ng	90
25) Isophorone	9.481	82	94621	4.593	ng	96
26) 2-Nitrophenol	9.663	139	18285	4.214	ng	93
27) 2,4-Dimethylphenol	9.728	122	39766	5.473	ng	97
28) bis(2-Chloroethoxy)met...	9.969	93	63432	5.754	ng	96
29) 2,4-Dichlorophenol	10.187	162	33691	4.580	ng	90
30) 1,2,4-Trichlorobenzene	10.404	180	41914	5.302	ng	97
31) Naphthalene	10.593	128	154185	5.420	ng	98
32) Benzoic acid	9.775	122	13246	2.356	ng	94
33) 4-Chloroaniline	10.710	127	60407	5.247	ng	97
34) Hexachlorobutadiene	10.875	225	24115	5.235	ng	97
35) Caprolactam	11.487	113	11496	4.334	ng	# 62
36) 4-Chloro-3-methylphenol	11.828	107	41566	4.447	ng	87
37) 2-Methylnaphthalene	12.198	142	101594	5.270	ng	95
38) 1-Methylnaphthalene	12.422	142	94731	5.171	ng	98
40) 1,2,4,5-Tetrachloroben...	12.569	216	43589	5.619	ng	# 95
41) Hexachlorocyclopentadiene	12.551	237	26811	6.516	ng	96
43) 2,4,6-Trichlorophenol	12.816	196	21956	4.145	ng	96

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Manual Integrations
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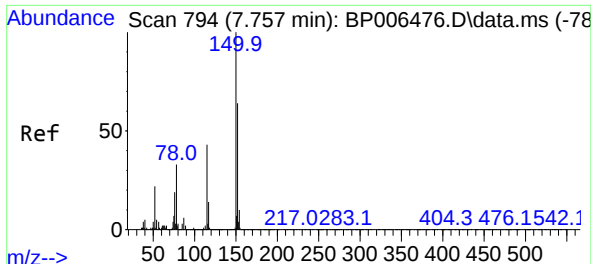
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 18:07:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	25857	4.410	ng	# 90
46) 1,1'-Biphenyl	13.222	154	129671	5.780	ng	96
47) 2-Chloronaphthalene	13.257	162	94000	5.441	ng	# 91
48) 2-Nitroaniline	13.469	65	27124	4.449	ng	88
49) Acenaphthylene	14.104	152	144713	5.195	ng	100
50) Dimethylphthalate	13.851	163	114812	5.321	ng	99
51) 2,6-Dinitrotoluene	13.969	165	20508	4.260	ng	# 68
52) Acenaphthene	14.451	154	89612	5.285	ng	96
53) 3-Nitroaniline	14.298	138	24211	4.536	ng	# 86
54) 2,4-Dinitrophenol	14.504	184	8050	3.197	ng	# 83
55) Dibenzofuran	14.787	168	142169	5.331	ng	92
56) 4-Nitrophenol	14.598	139	18416	3.974	ng	# 84
57) 2,4-Dinitrotoluene	14.757	165	25836	4.001	ng	# 75
58) Fluorene	15.434	166	111409	5.227	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	22462	4.571	ng	# 73
60) Diethylphthalate	15.222	149	115448	5.094	ng	96
61) 4-Chlorophenyl-phenyle...	15.439	204	52604	5.449	ng	89
62) 4-Nitroaniline	15.457	138	24228	4.278	ng	92
63) Azobenzene	15.728	77	123020	4.656	ng	92
65) 4,6-Dinitro-2-methylph...	15.516	198	10645	2.895	ng	# 53
66) n-Nitrosodiphenylamine	15.651	169	93443	4.941	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	28620	4.957	ng	# 83
68) Hexachlorobenzene	16.439	284	34630	5.271	ng	# 89
69) Atrazine	16.610	200	29739	5.039	ng	94
70) Pentachlorophenol	16.781	266	16974	4.072	ng	96
71) Phenanthrene	17.180	178	181144	5.337	ng	100
72) Anthracene	17.269	178	168356	5.133	ng	99
73) Carbazole	17.545	167	162664	4.863	ng	98
74) Di-n-butylphthalate	18.116	149	164456	4.315	ng	# 98
75) Fluoranthene	19.157	202	194905	5.116	ng	94
77) Benzidine	19.345	184	85930	5.317	ng	99
78) Pyrene	19.504	202	207074	4.800	ng	99
80) Butylbenzylphthalate	20.398	149	71529	3.770	ng	# 84
81) Benzo(a)anthracene	21.221	228	212286	5.029	ng	99
82) 3,3'-Dichlorobenzidine	21.163	252	66254	5.979	ng	# 97
83) Chrysene	21.274	228	218593	5.342	ng	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	110057	3.861	ng	# 96
85) Di-n-octyl phthalate	22.068	149	175473	3.734	ng	# 91
87) Indeno(1,2,3-cd)pyrene	25.962	276	256404	5.143	ng	# 89
88) Benzo(b)fluoranthene	22.857	252	224671	5.027	ng	# 96
89) Benzo(k)fluoranthene	22.904	252	217907	5.079	ng	# 94
90) Benzo(a)pyrene	23.457	252	201745	5.033	ng	# 94
91) Dibenzo(a,h)anthracene	25.992	278	225302	5.226	ng	# 94
92) Benzo(g,h,i)perylene	26.698	276	217860	5.274	ng	# 91

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

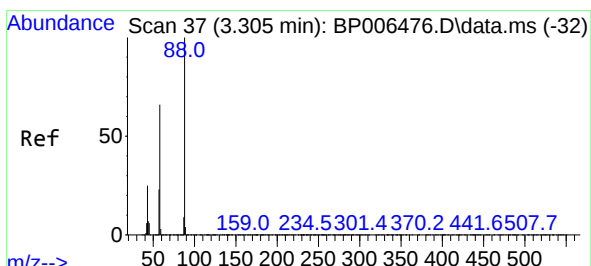
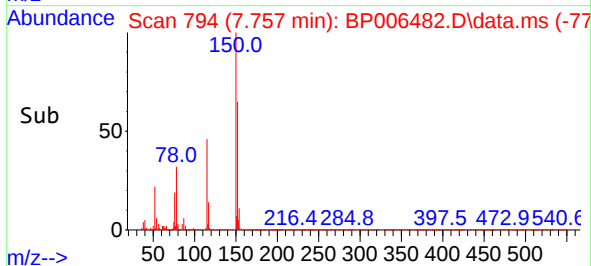
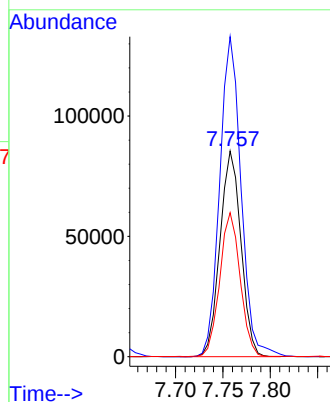
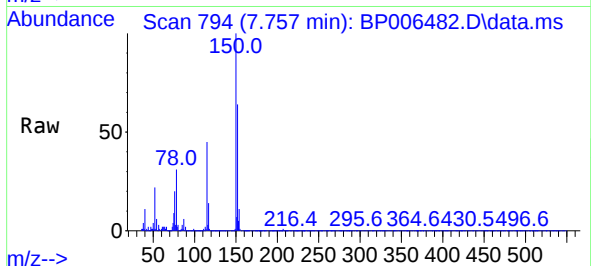
Tgt Ion: 152 Resp: 131852
Ion Ratio Lower Upper
152 100
150 155.7 125.6 188.4
115 70.1 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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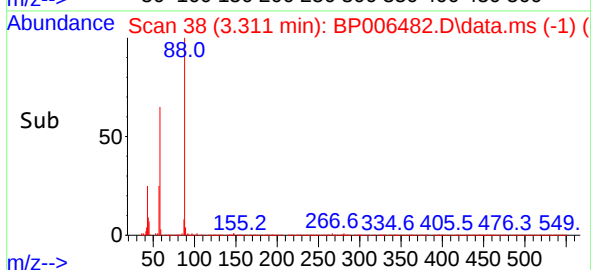
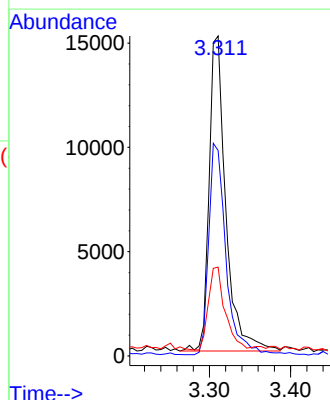
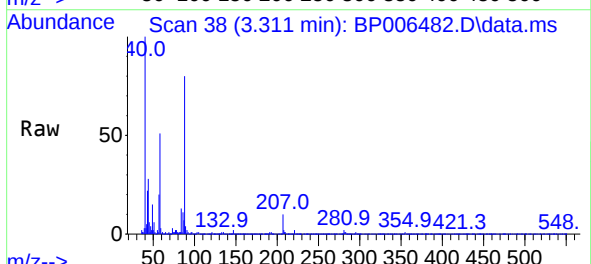
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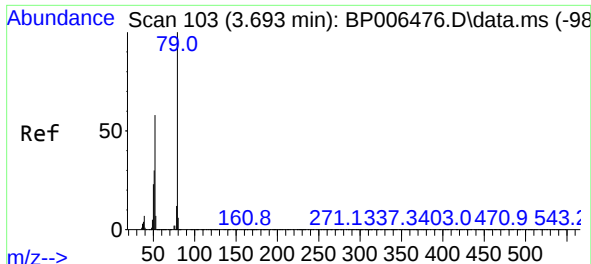
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#2
1,4-Dioxane
Concen: 5.769 ng
RT: 3.311 min Scan# 38
Delta R.T. 0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

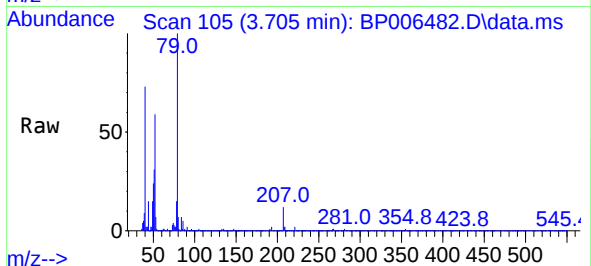
Tgt Ion: 88 Resp: 21562
Ion Ratio Lower Upper
88 100
58 70.1 46.7 70.1#
43 26.4 20.3 30.5





#3
Pyridine
Concen: 4.823 ng
RT: 3.705 min Scan# 105
Delta R.T. 0.012 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

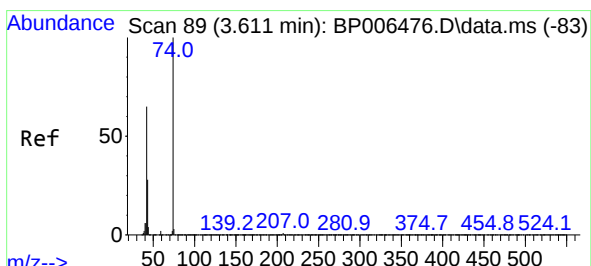
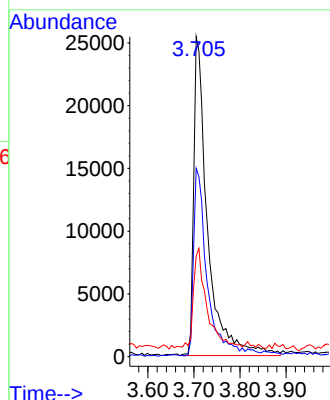
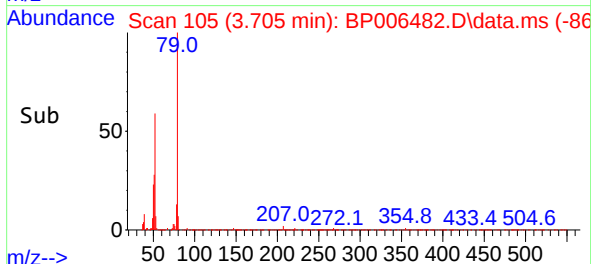


Tgt Ion: 79 Resp: 52976
Ion Ratio Lower Upper
79 100
52 58.9 41.7 62.5
51 31.4 24.1 36.1

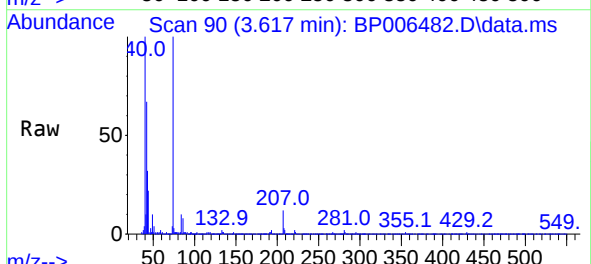
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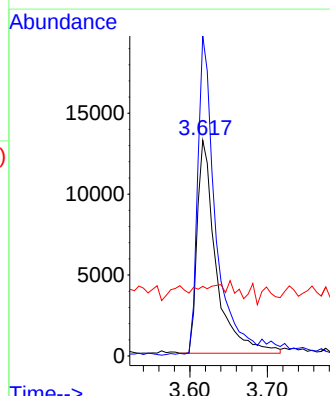
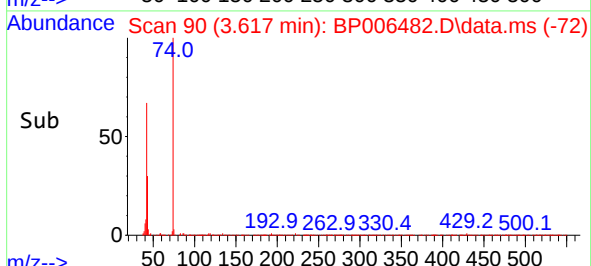
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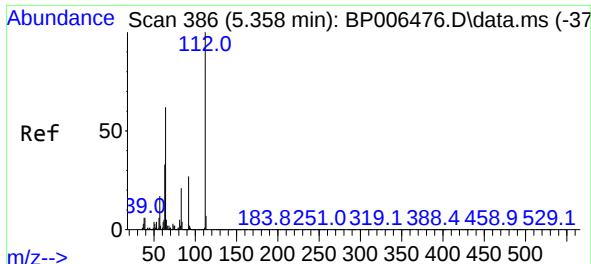


#4
n-Nitrosodimethylamine
Concen: 5.373 ng
RT: 3.617 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



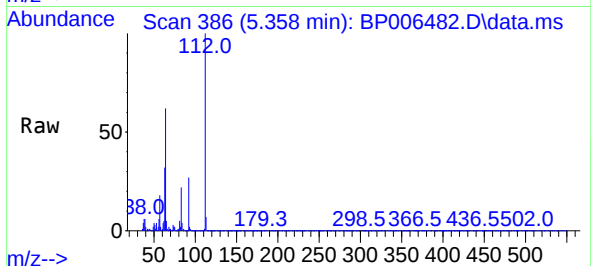
Tgt Ion: 42 Resp: 22275
Ion Ratio Lower Upper
42 100
74 148.4 105.4 158.0
44 32.3 4.2 6.4





#5
2-Fluorophenol
Concen: 118.070 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

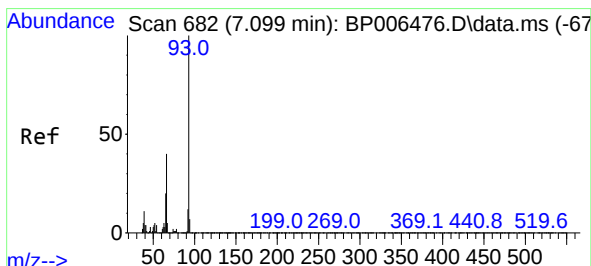
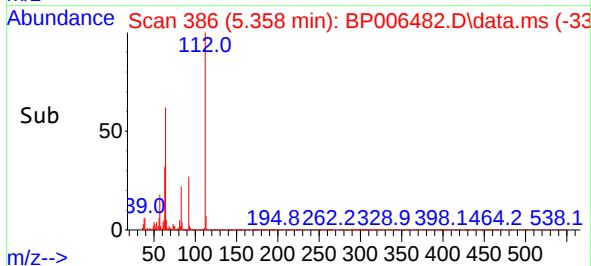
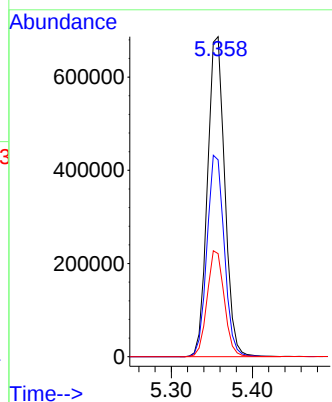


Tgt Ion:112 Resp: 1013564
Ion Ratio Lower Upper
112 100
64 61.5 41.4 62.2
63 32.2 23.8 35.8

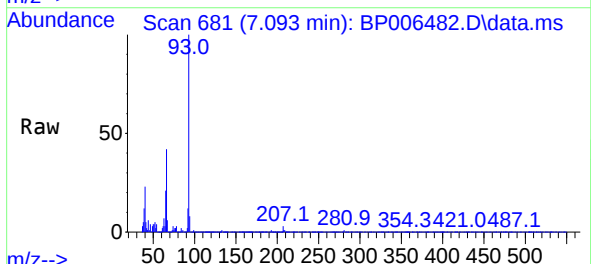
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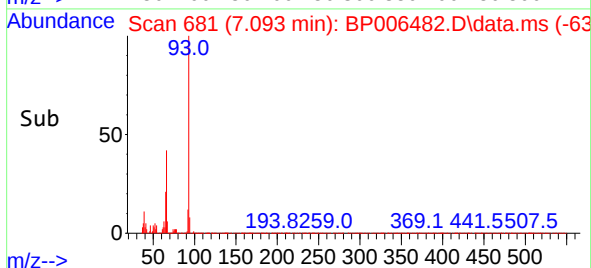
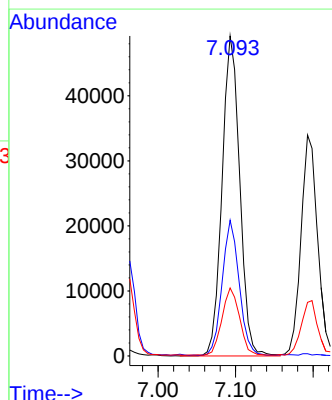
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#6
Aniline
Concen: 5.879 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



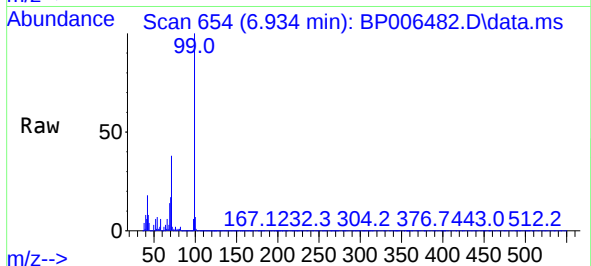
Tgt Ion: 93 Resp: 77872
Ion Ratio Lower Upper
93 100
66 42.4 29.7 44.5
65 21.3 15.3 22.9





#7
Phenol-d6
Concen: 114.216 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



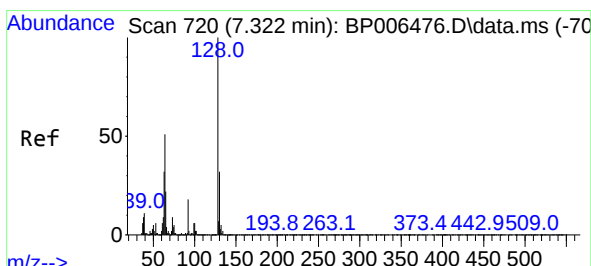
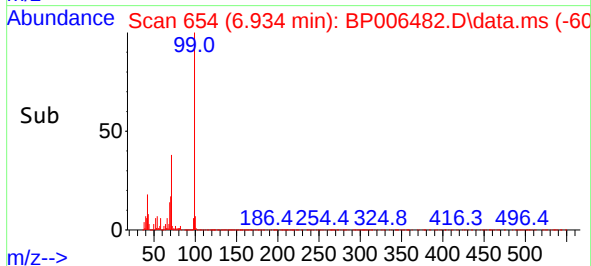
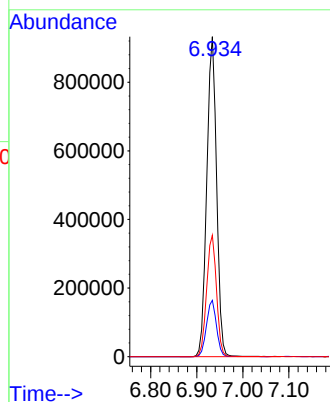
Tgt Ion: 99 Resp: 1392792

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.0
71	37.9	30.6	46.0

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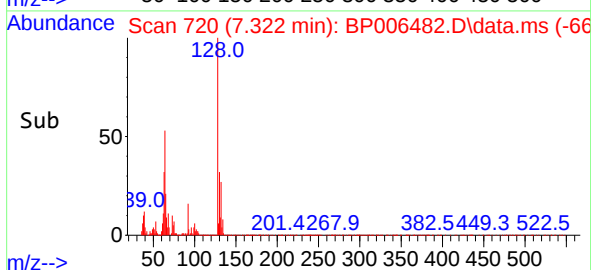
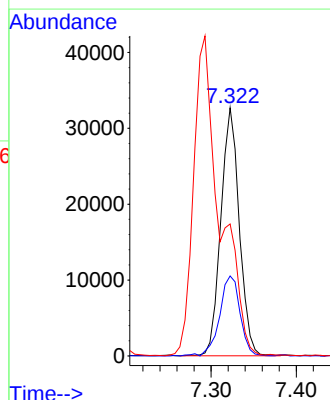
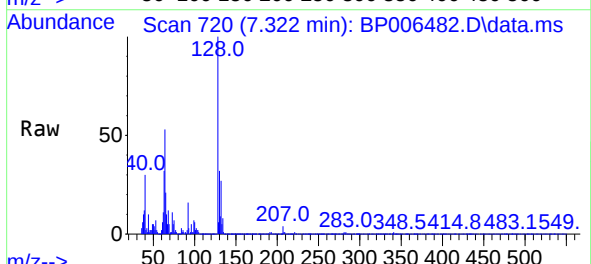
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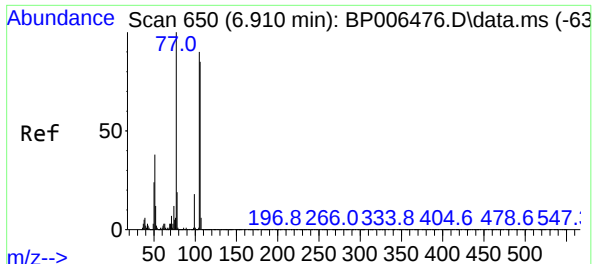


#8
2-Chlorophenol
Concen: 5.295 ng
RT: 7.322 min Scan# 720
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion: 128 Resp: 49178

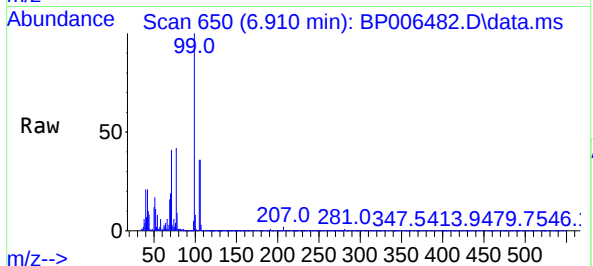
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	53.2	20.3	60.3





#9
Benzaldehyde
Concen: 7.491 ng
RT: 6.910 min Scan# 650
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

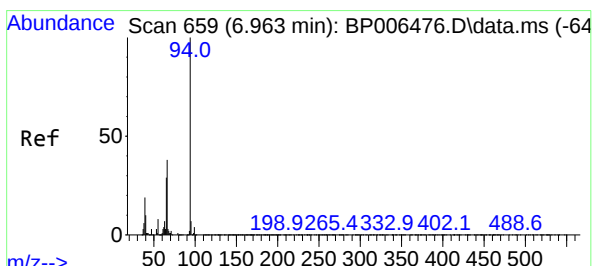
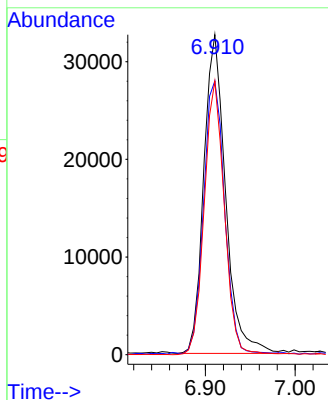
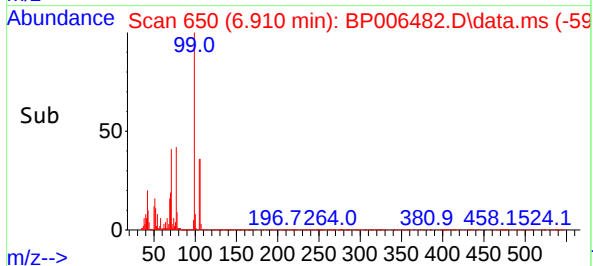


Tgt Ion: 77 Resp: 54978
Ion Ratio Lower Upper
77 100
105 85.6 76.7 116.7
106 85.4 76.2 116.2

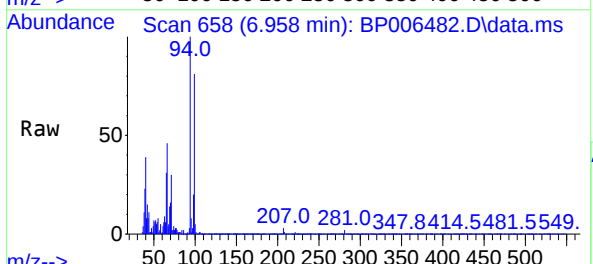
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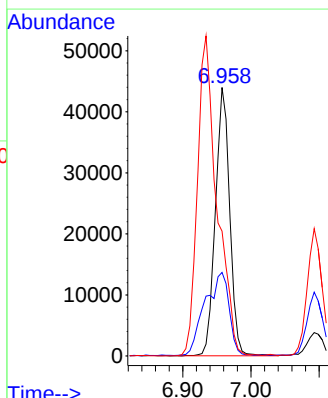
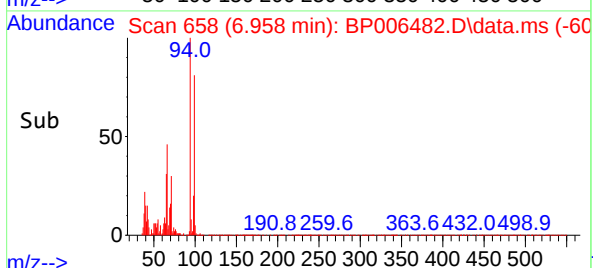
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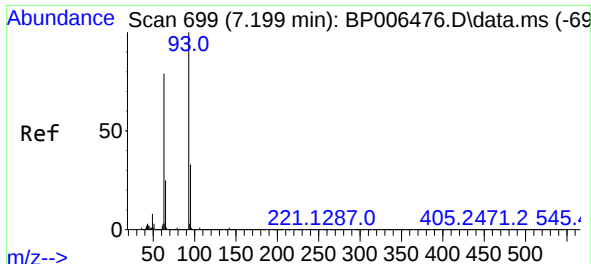


#10
Phenol
Concen: 5.257 ng
RT: 6.958 min Scan# 658
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



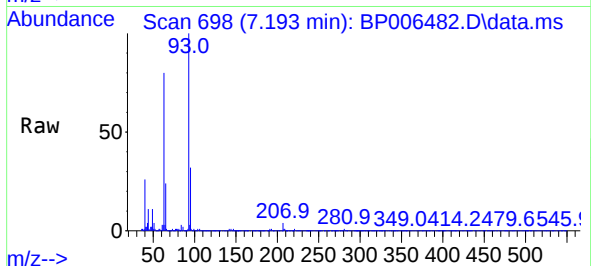
Tgt Ion: 94 Resp: 64284
Ion Ratio Lower Upper
94 100
65 31.1 8.8 48.8
66 46.5 20.7 60.7





#11
bis(2-Chloroethyl)ether
Concen: 5.384 ng
RT: 7.193 min Scan# 698
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

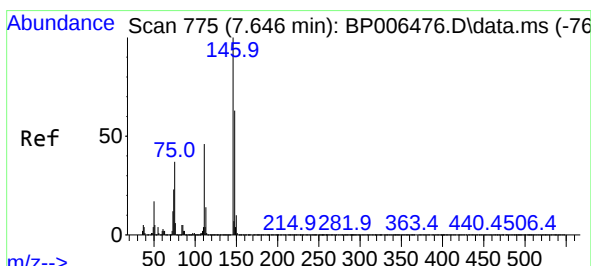
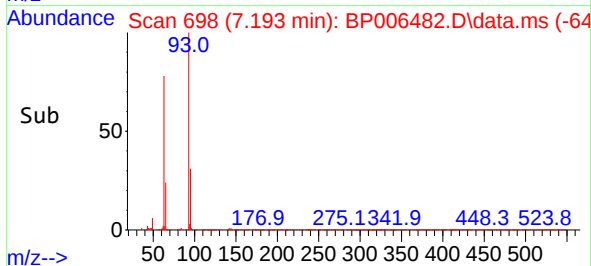
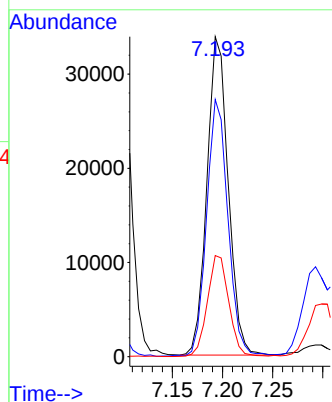


Tgt Ion: 93 Resp: 49984
Ion Ratio Lower Upper
93 100
63 80.4 46.2 86.2
95 31.6 12.2 52.2

Manual Integrations
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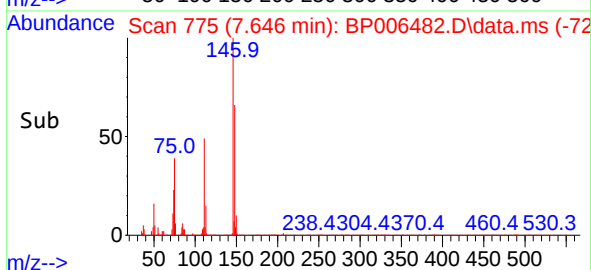
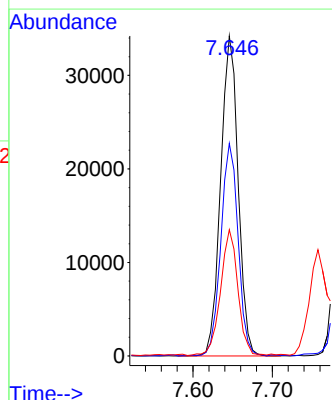
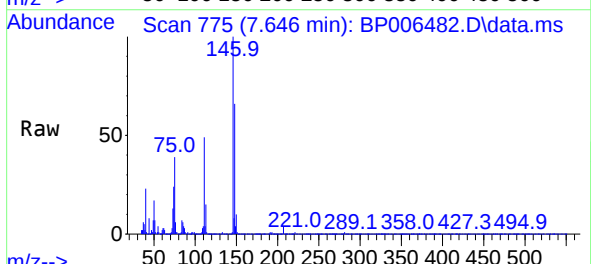
mohammad

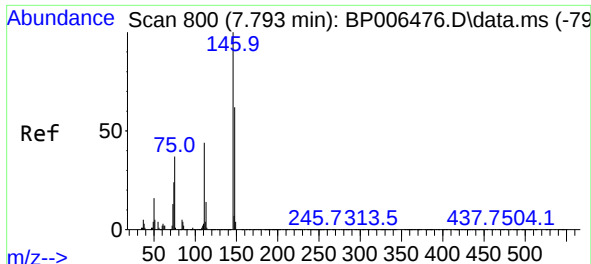
8/4/2021 3:46:03 PM



#12
1,3-Dichlorobenzene
Concen: 5.428 ng m
RT: 7.646 min Scan# 775
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion: 146 Resp: 52541
Ion Ratio Lower Upper
146 100
148 66.4 51.5 77.3
75 39.5 25.7 38.5#





#13
1,4-Dichlorobenzene
Concen: 5.434 ng
RT: 7.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

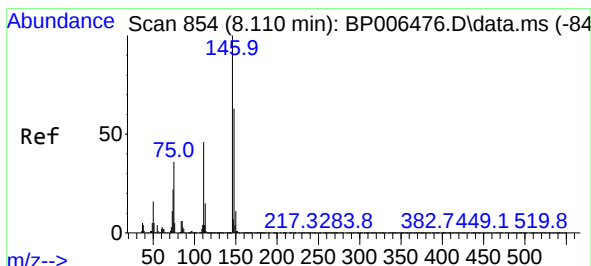
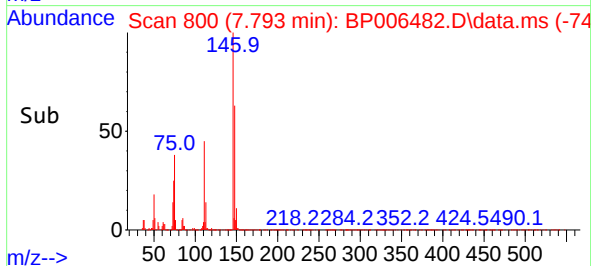
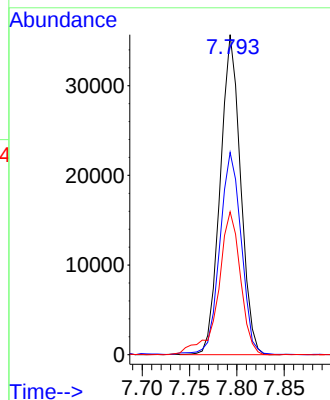
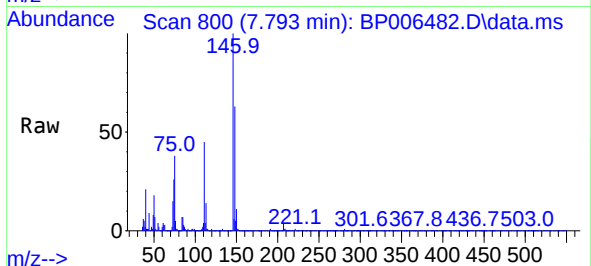
Tgt Ion:146 Resp: 53390
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
111 44.6 33.0 49.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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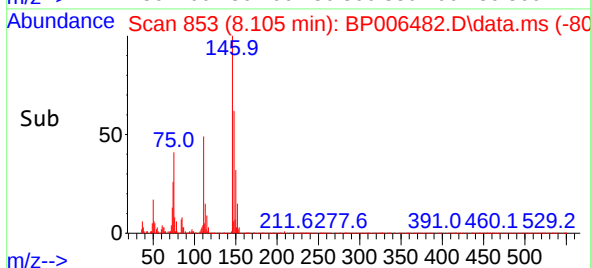
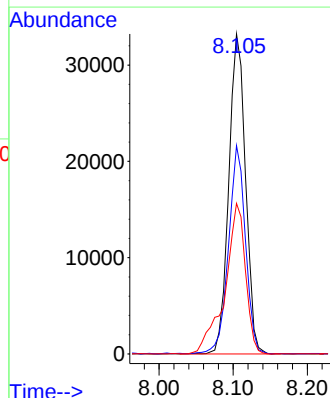
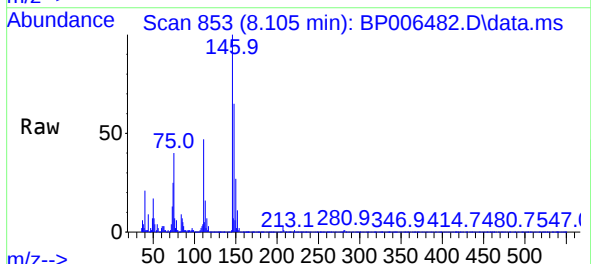
mohammad

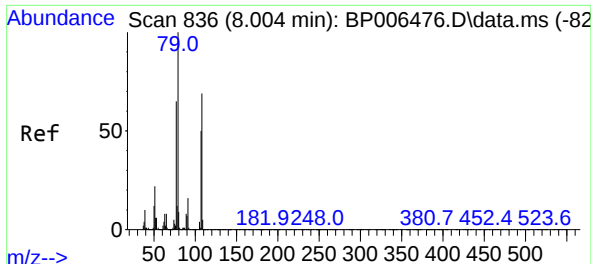
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#14
1,2-Dichlorobenzene
Concen: 5.521 ng
RT: 8.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

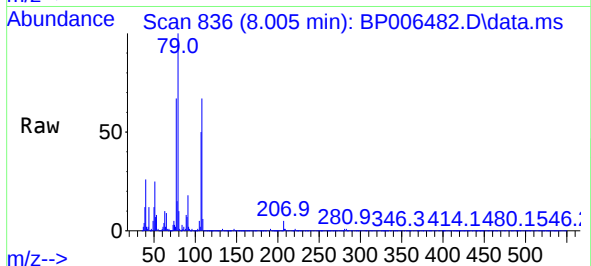
Tgt Ion:146 Resp: 52049
Ion Ratio Lower Upper
146 100
148 65.1 50.3 75.5
111 47.0 33.7 50.5





#15
Benzyl Alcohol
Concen: 4.967 ng
RT: 8.005 min Scan# 836
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

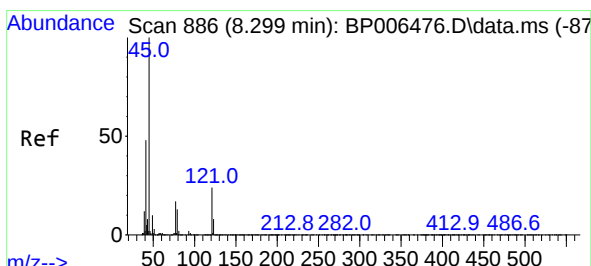
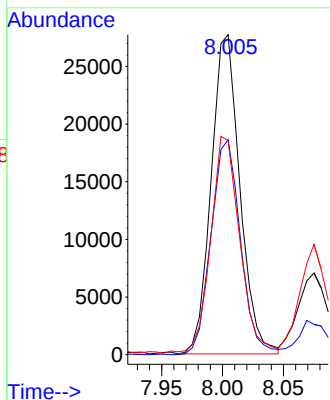
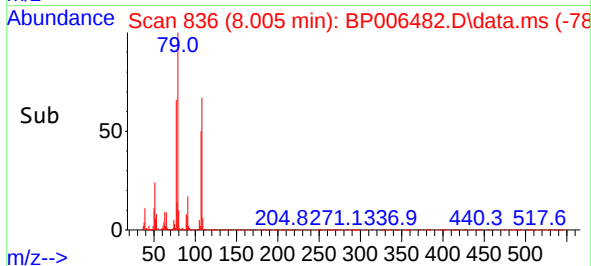


Tgt Ion: 79 Resp: 45422
Ion Ratio Lower Upper
79 100
108 67.2 62.5 93.7
77 66.9 52.9 79.3

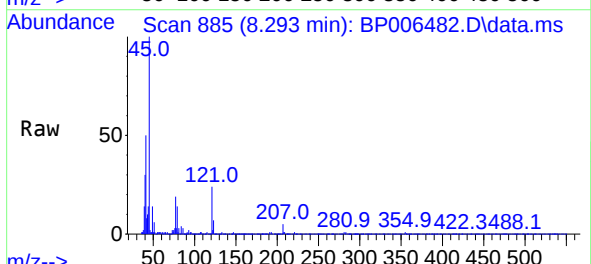
Manual Integrations
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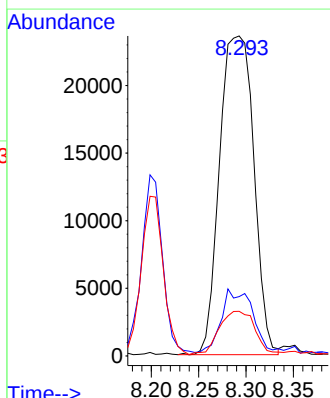
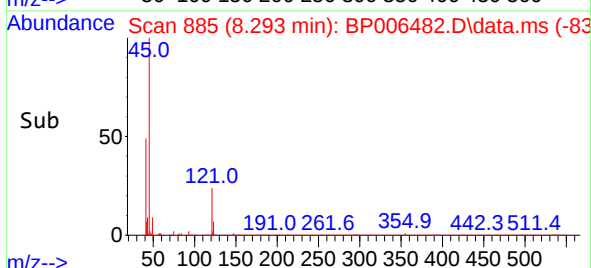
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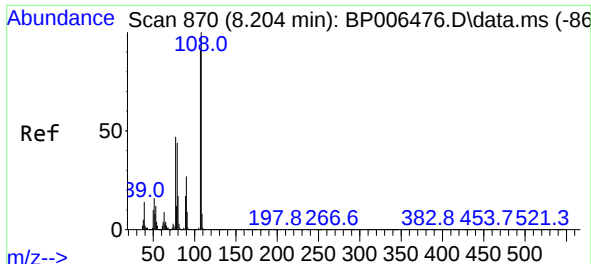


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.372 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



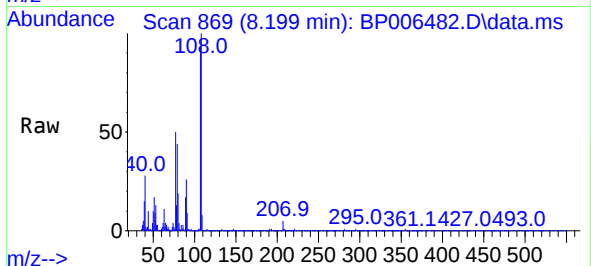
Tgt Ion: 45 Resp: 59357
Ion Ratio Lower Upper
45 100
77 18.6 2.0 42.0
79 13.9 0.0 36.7





#17
2-Methylphenol
Concen: 4.912 ng
RT: 8.199 min Scan# 869
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

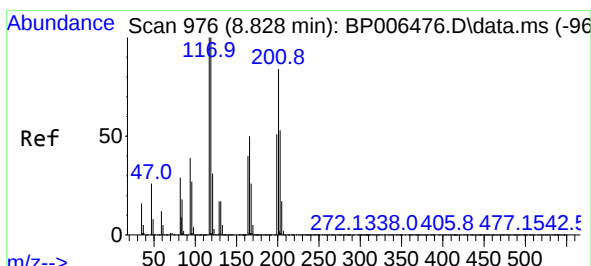
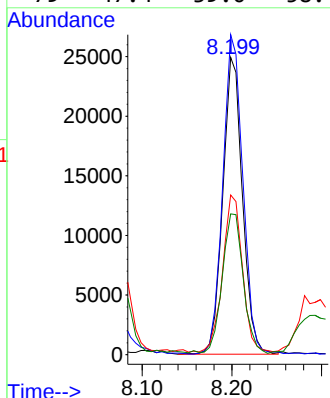
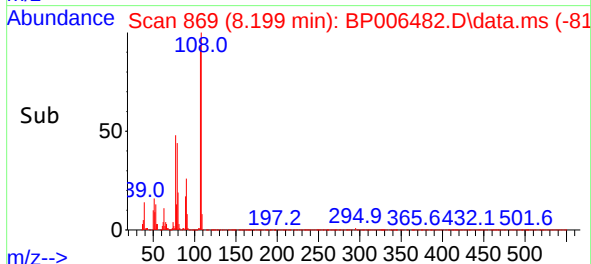


Tgt Ion:107 Resp: 37927
Ion Ratio Lower Upper
107 100
108 107.6 87.7 131.5
77 53.7 40.2 60.2
79 47.4 39.0 58.4

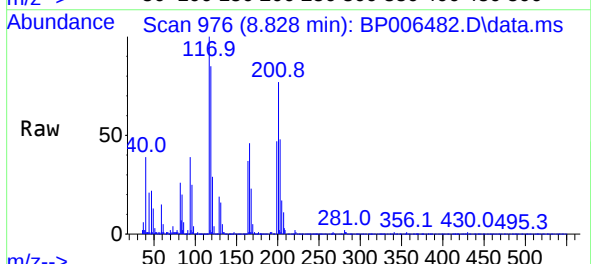
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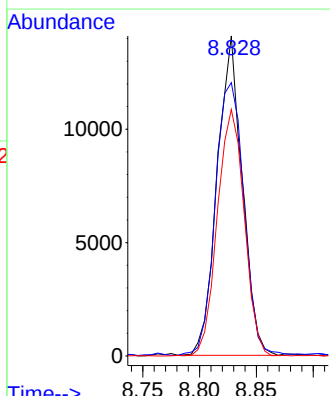
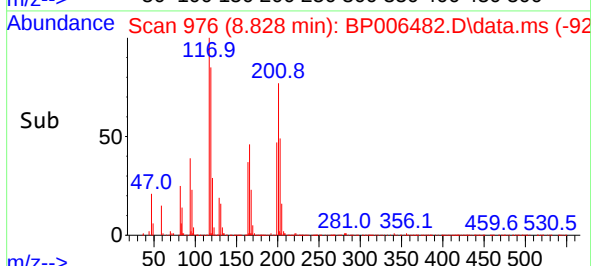
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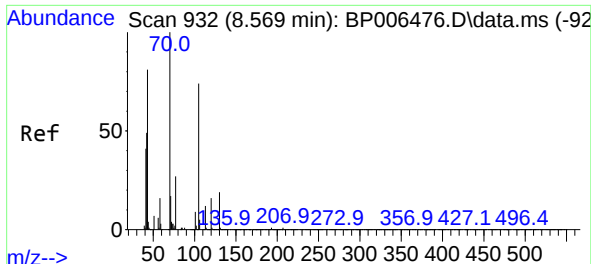


#18
Hexachloroethane
Concen: 5.570 ng
RT: 8.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion:117 Resp: 21660
Ion Ratio Lower Upper
117 100
119 85.4 76.2 114.2
201 77.0 83.4 125.0#





#19
n-Nitroso-di-n-propylamine
Concen: 4.999 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

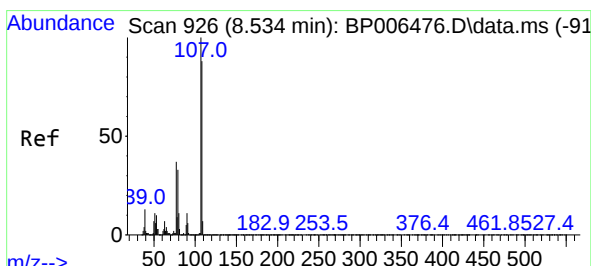
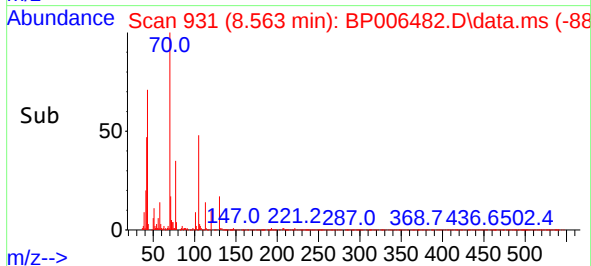
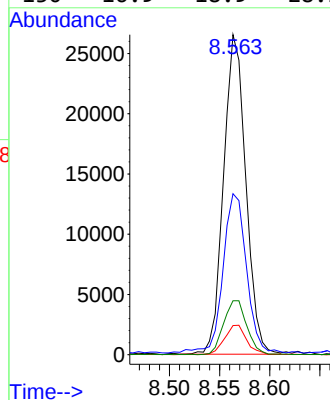
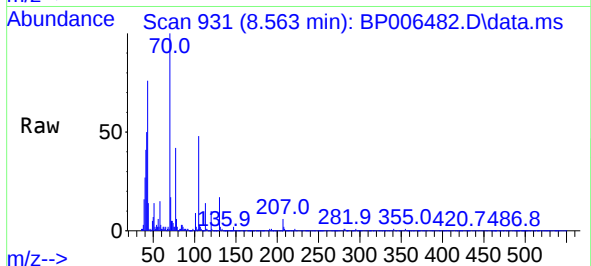
Tgt Ion:	70	Resp:	40898
Ion	Ratio	Lower	Upper
70	100		
42	50.3	40.8	61.2
101	9.1	8.8	13.2
130	16.9	18.9	28.3#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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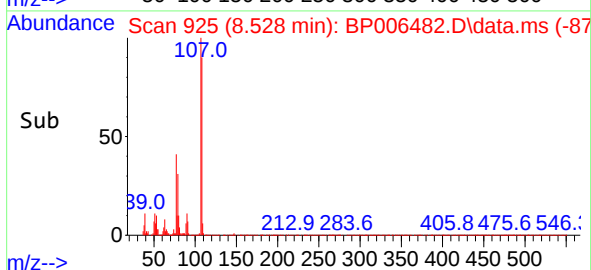
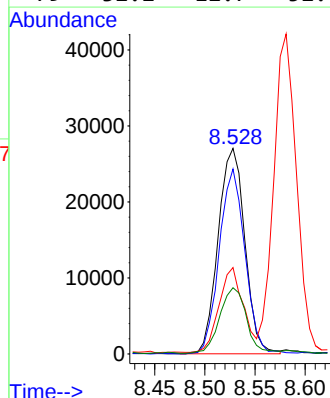
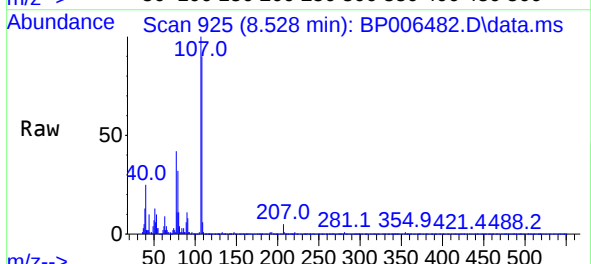
mohammad

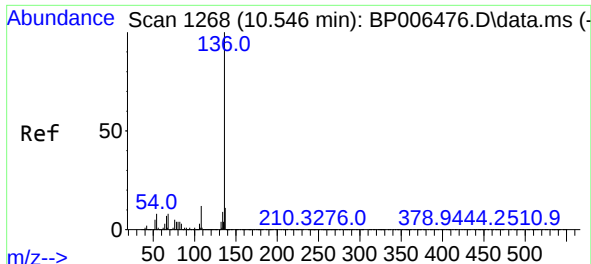
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#20
3+4-Methylphenols
Concen: 4.755 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

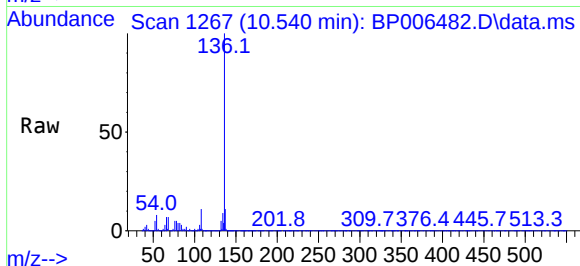
Tgt Ion:	107	Resp:	49973
Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.0	111.0
77	42.0	16.6	56.6
79	32.2	12.7	52.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

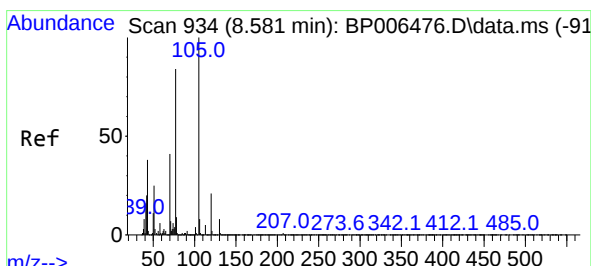
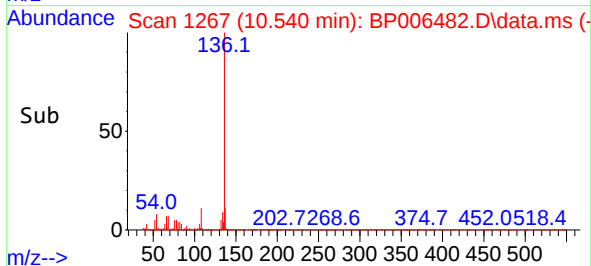
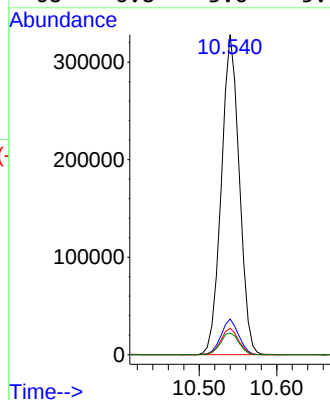


Tgt Ion:136 Resp: 529445
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.3 4.6 6.8#
68 6.8 3.6 5.4#

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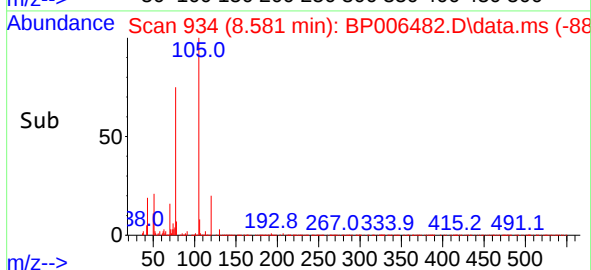
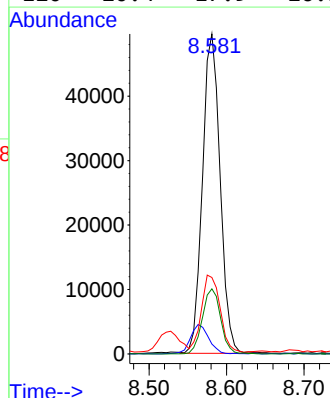
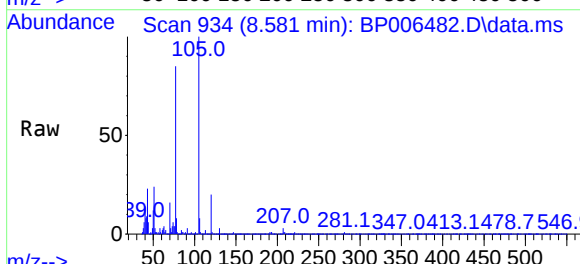
mohammad

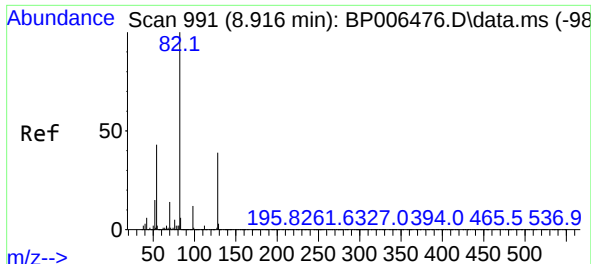
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#22
Acetophenone
Concen: 5.585 ng
RT: 8.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

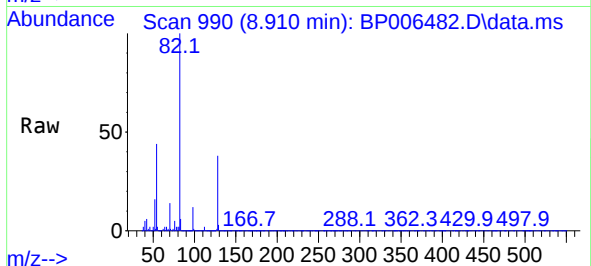
Tgt Ion:105 Resp: 78411
Ion Ratio Lower Upper
105 100
71 3.1 1.9 2.9#
51 23.9 18.4 27.6
120 20.4 17.9 26.9





#23
Nitrobenzene-d5
Concen: 76.124 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

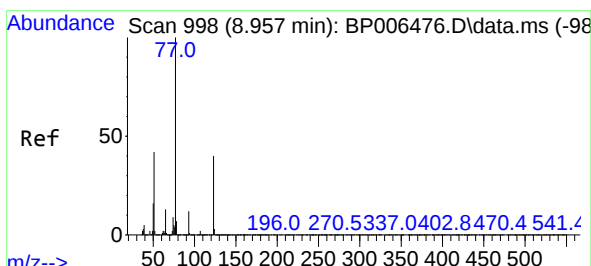
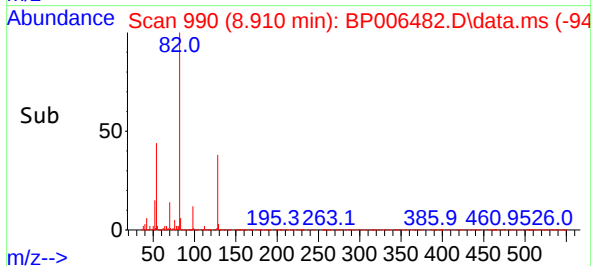
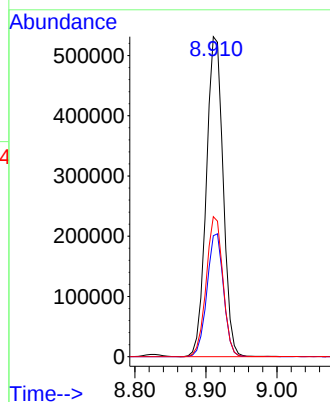


Tgt Ion: 82 Resp: 873170
Ion Ratio Lower Upper
82 100
128 37.8 35.7 53.5
54 43.7 35.0 52.4

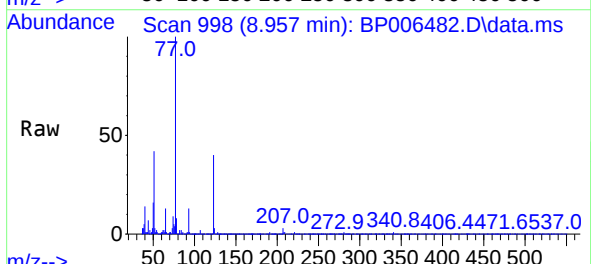
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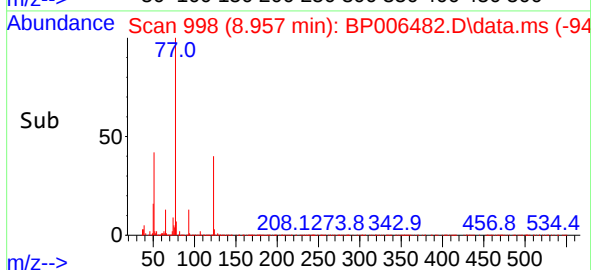
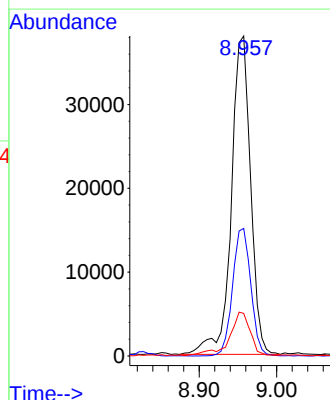
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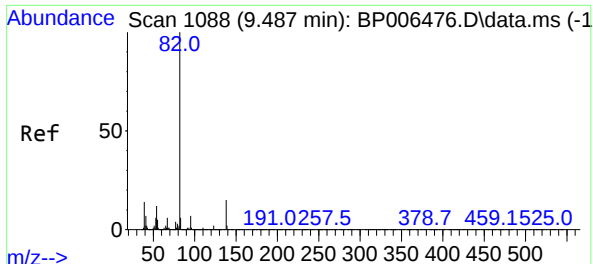


#24
Nitrobenzene
Concen: 5.528 ng
RT: 8.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion: 77 Resp: 65908
Ion Ratio Lower Upper
77 100
123 39.9 38.2 57.2
65 13.3 11.4 17.2





#25
Isophorone
Concen: 4.593 ng
RT: 9.481 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

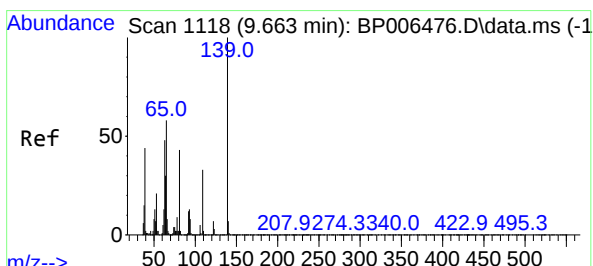
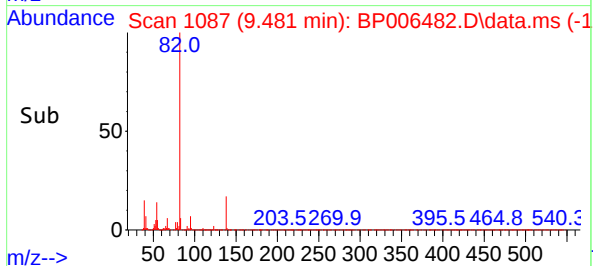
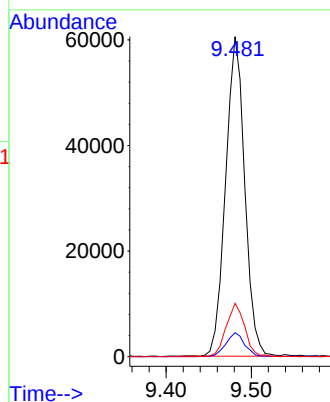
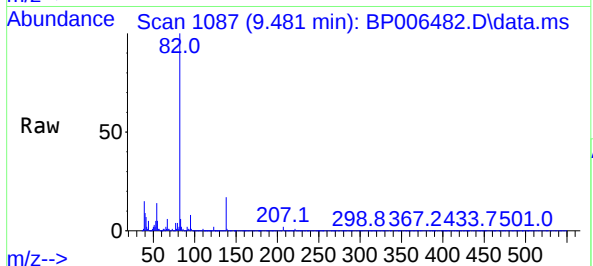
Tgt Ion: 82 Resp: 94621
Ion Ratio Lower Upper
82 100
95 7.5 6.5 9.7
138 16.7 15.0 22.4

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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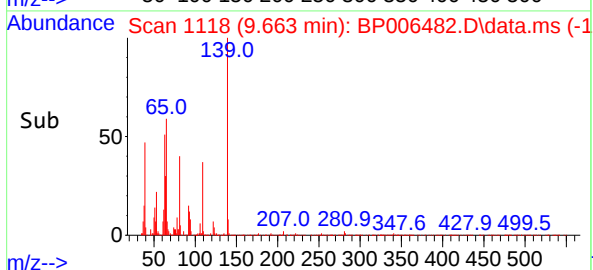
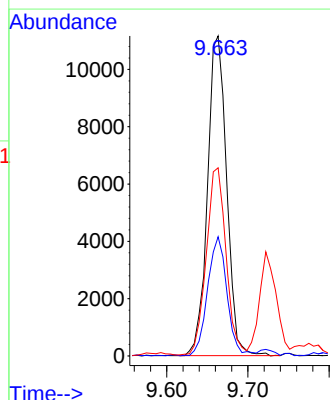
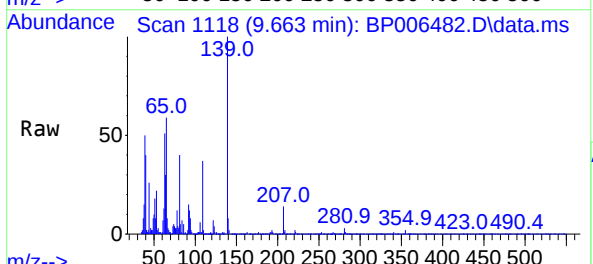
mohammad

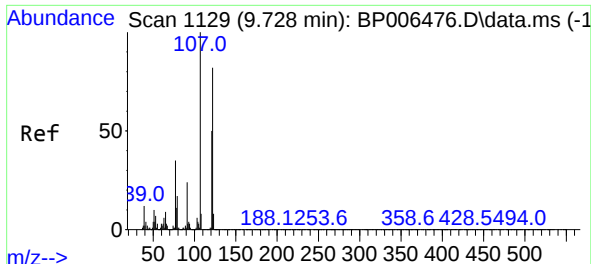
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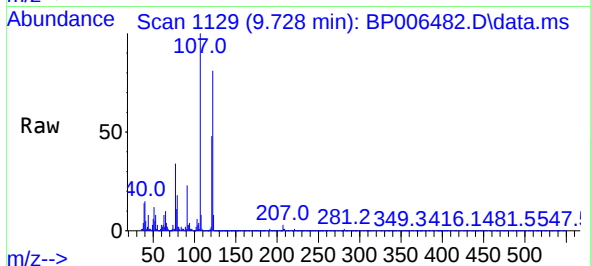
#26
2-Nitrophenol
Concen: 4.214 ng
RT: 9.663 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion: 139 Resp: 18285
Ion Ratio Lower Upper
139 100
109 37.3 28.8 43.2
65 58.8 41.0 61.6

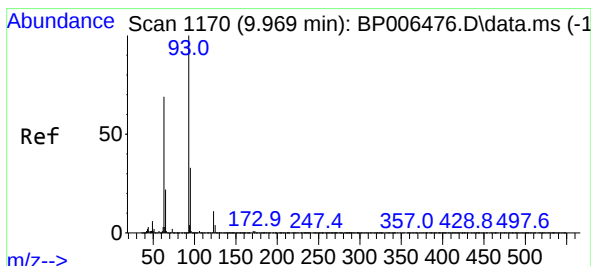
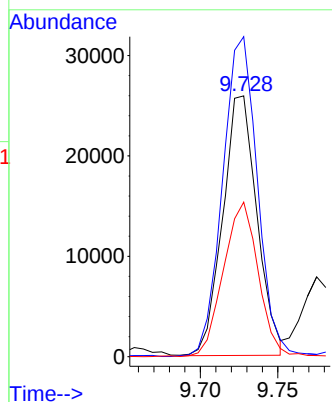
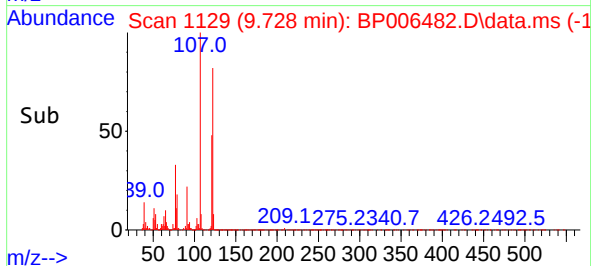




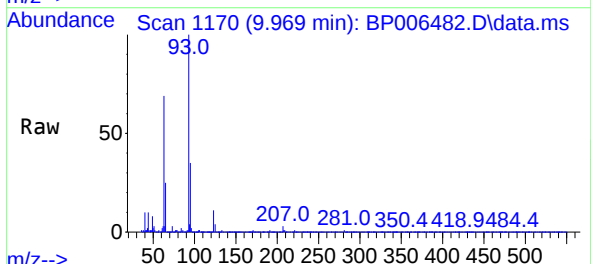
#27
2,4-Dimethylphenol
Concen: 5.473 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



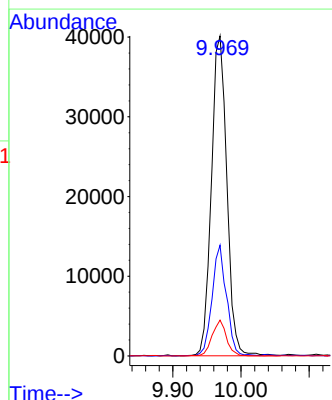
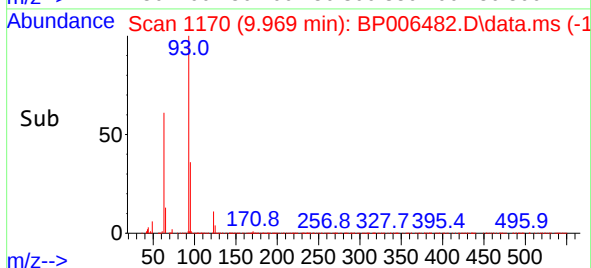
Tgt Ion:122 Resp: 39766
Ion Ratio Lower Upper
122 100
107 122.7 94.5 141.7
121 59.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 5.754 ng
RT: 9.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion: 93 Resp: 63432
Ion Ratio Lower Upper
93 100
95 34.6 25.9 38.9
123 11.2 10.2 15.2

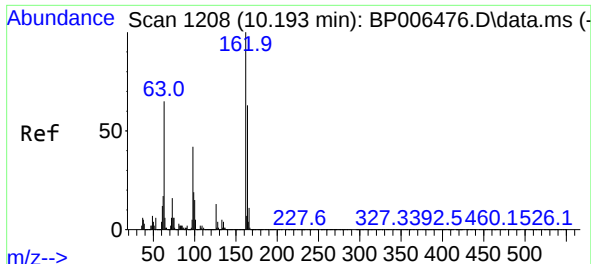


Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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#29
2,4-Dichlorophenol
Concen: 4.580 ng
RT: 10.187 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

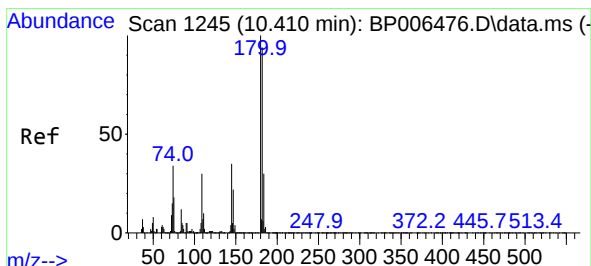
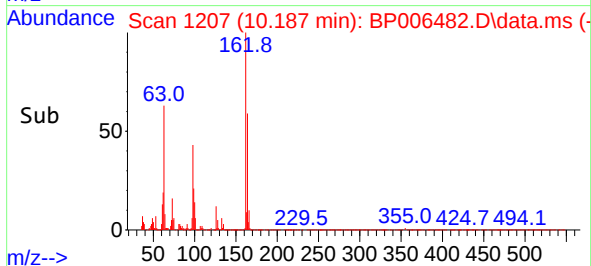
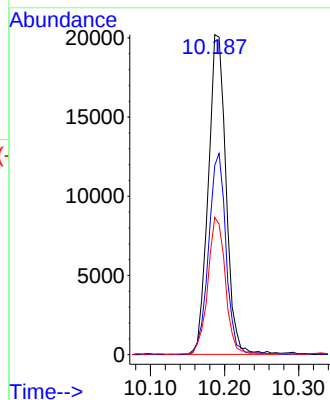
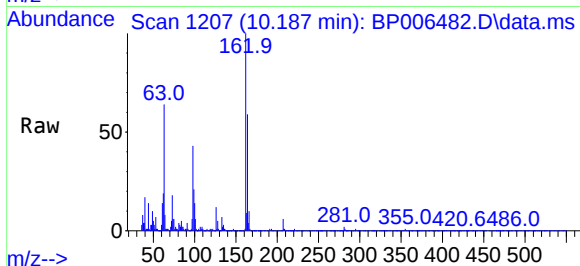
Tgt Ion:	162	Resp:	33691
Ion Ratio	Lower	Upper	
162	100		
164	59.2	44.9	84.9
98	42.9	14.3	54.3

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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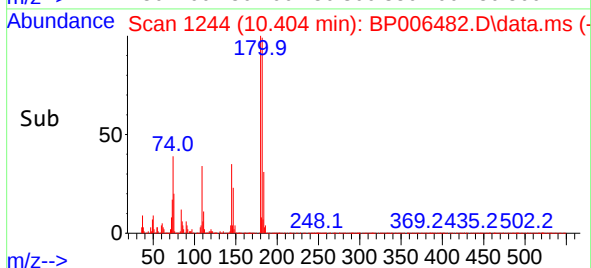
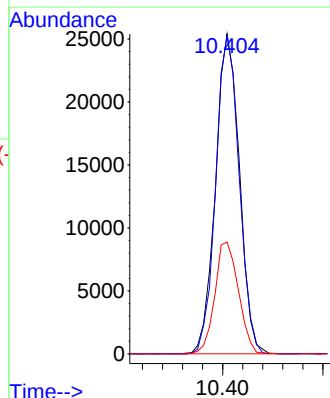
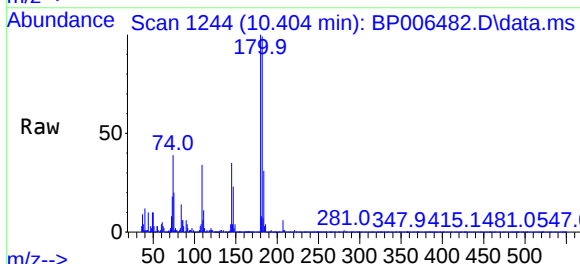
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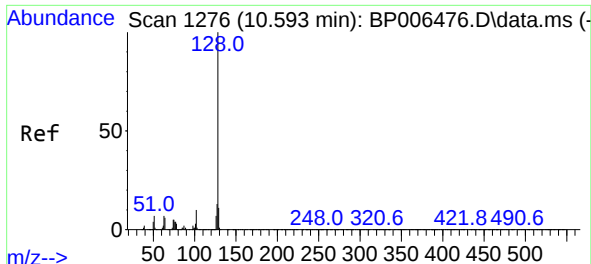
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#30
1,2,4-Trichlorobenzene
Concen: 5.302 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

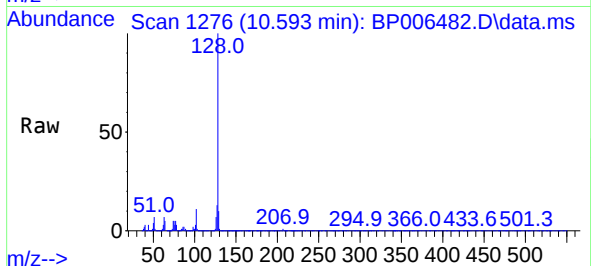
Tgt Ion:	180	Resp:	41914
Ion Ratio	Lower	Upper	
180	100		
182	99.4	77.9	116.9
145	35.0	24.7	37.1





#31
Naphthalene
Concen: 5.420 ng
RT: 10.593 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

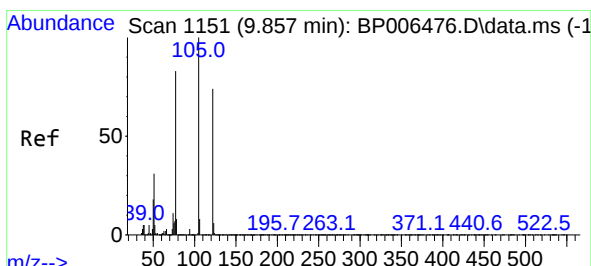
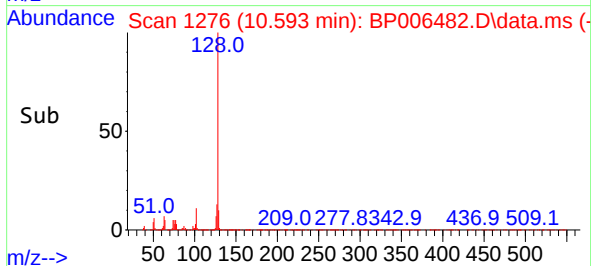
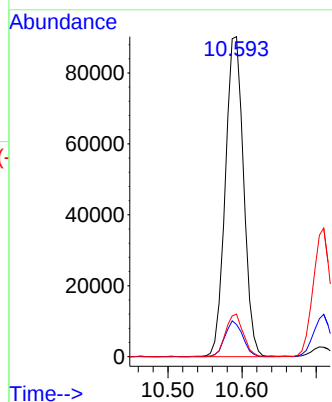


Tgt Ion:128 Resp: 154185
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.6
127 13.3 10.7 16.1

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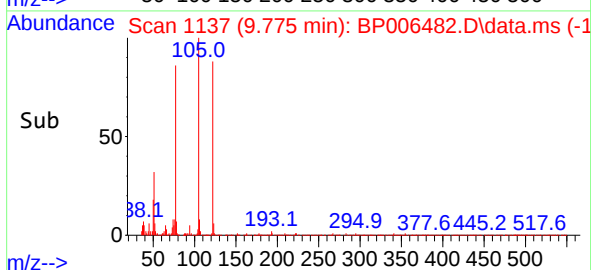
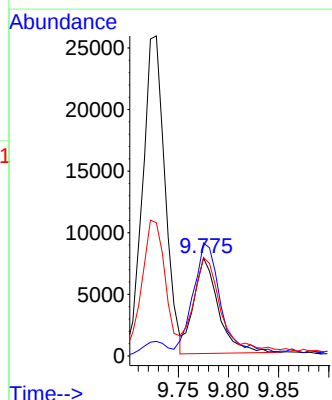
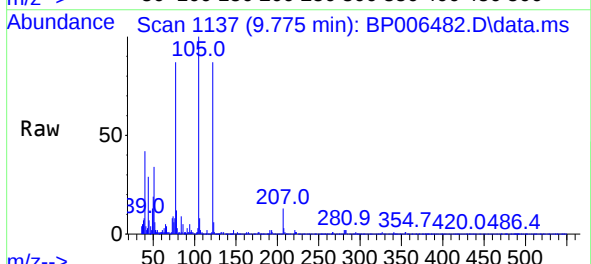
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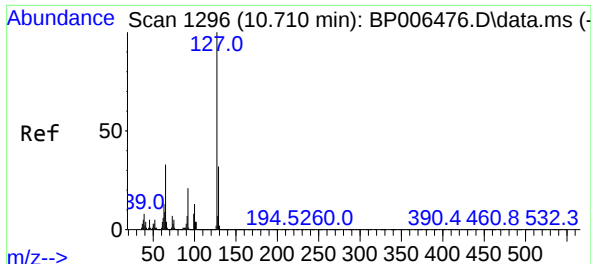
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#32
Benzoic acid
Concen: 2.356 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.082 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

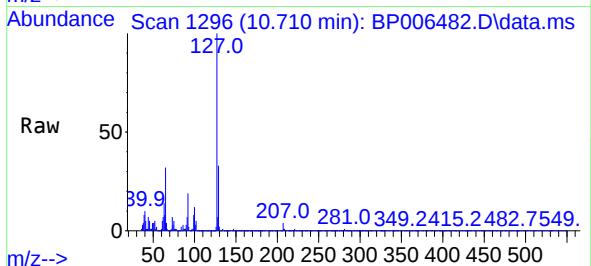
Tgt Ion:122 Resp: 13246
Ion Ratio Lower Upper
122 100
105 115.4 103.2 143.2
77 100.7 76.2 116.2





#33
4-Chloroaniline
Concen: 5.247 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

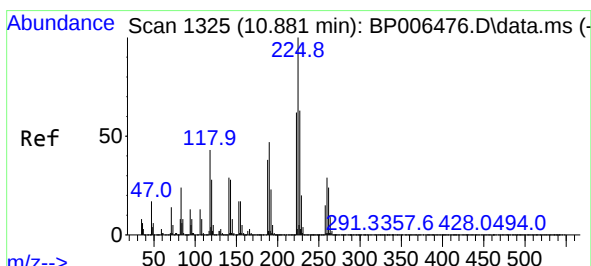
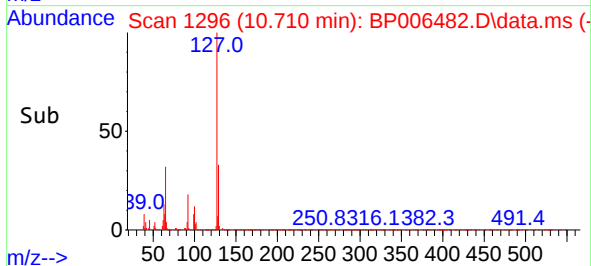
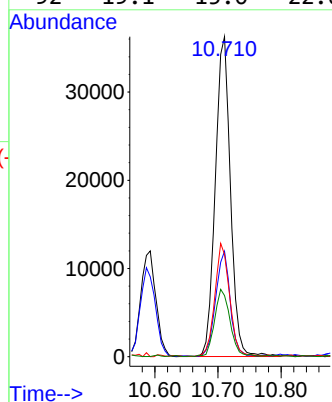


Tgt Ion:	127	Resp:	60407
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	31.9	22.5	33.7
92	19.1	15.0	22.6

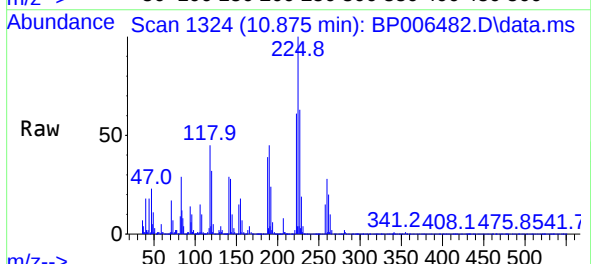
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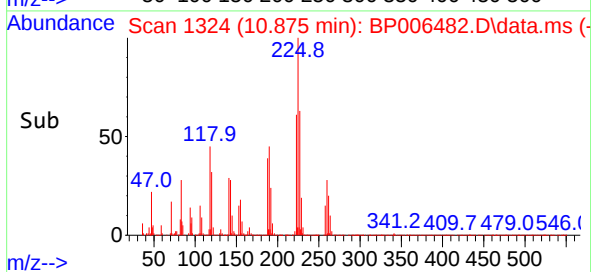
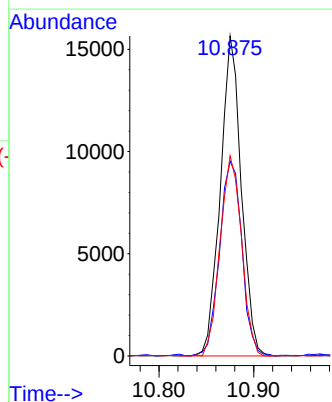
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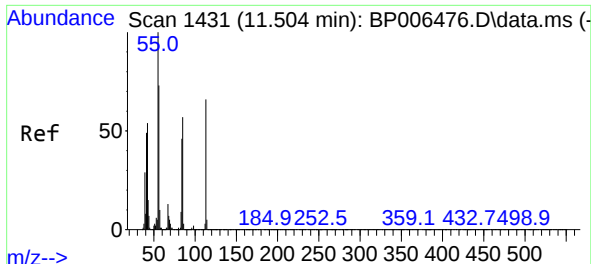


#34
Hexachlorobutadiene
Concen: 5.235 ng
RT: 10.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



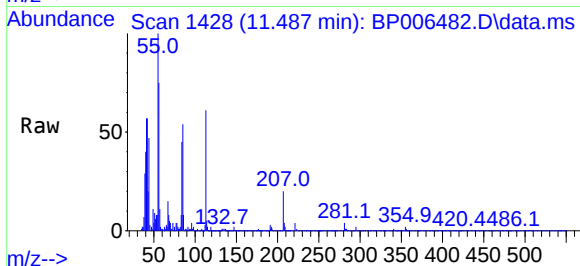
Tgt Ion:	225	Resp:	24115
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.0	76.6
227	62.5	51.4	77.2





#35
Caprolactam
Concen: 4.334 ng
RT: 11.487 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

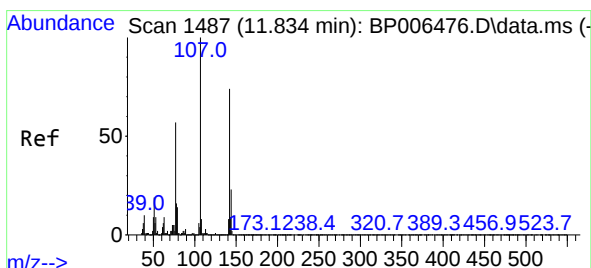
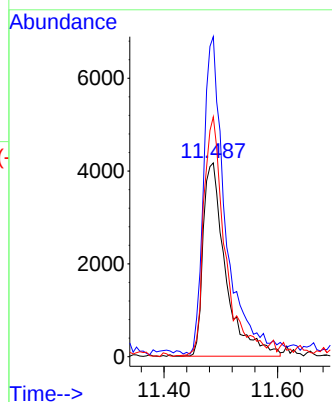
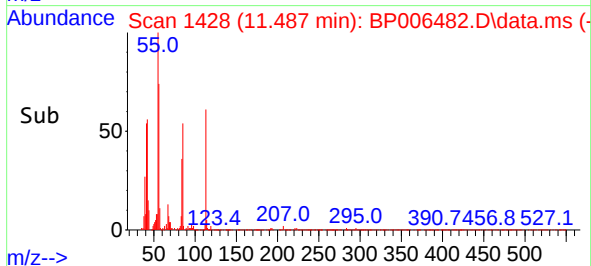


Tgt Ion:113 Resp: 11496
Ion Ratio Lower Upper
113 100
55 165.2 98.9 138.9#
56 123.8 71.7 111.7#

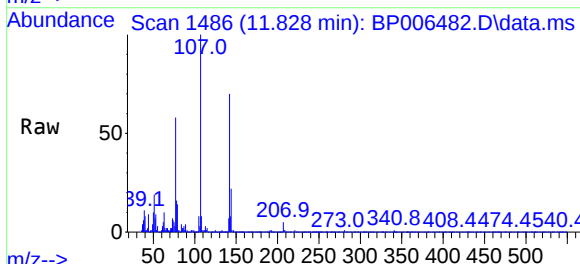
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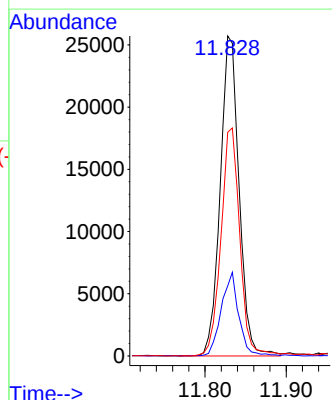
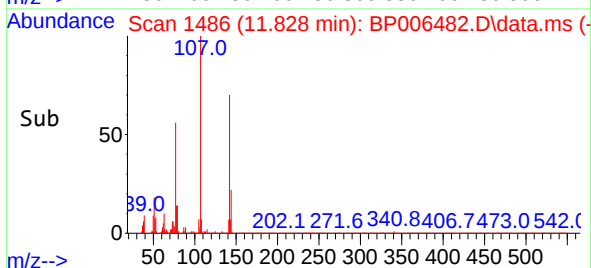
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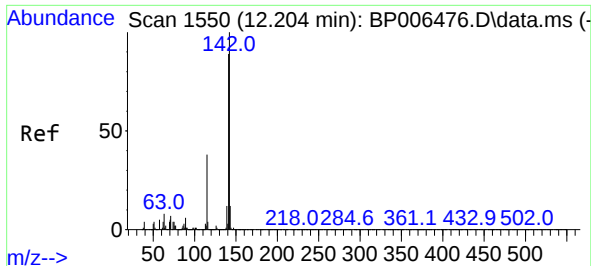


#36
4-Chloro-3-methylphenol
Concen: 4.447 ng
RT: 11.828 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



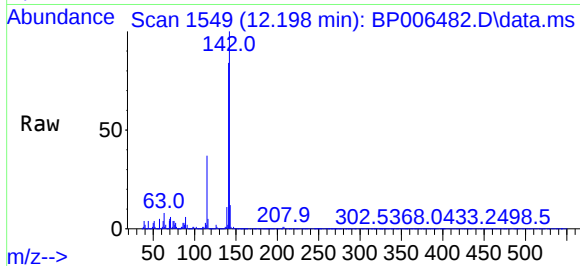
Tgt Ion:107 Resp: 41566
Ion Ratio Lower Upper
107 100
144 21.9 21.1 31.7
142 69.9 66.0 99.0





#37
2-Methylnaphthalene
Concen: 5.270 ng
RT: 12.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

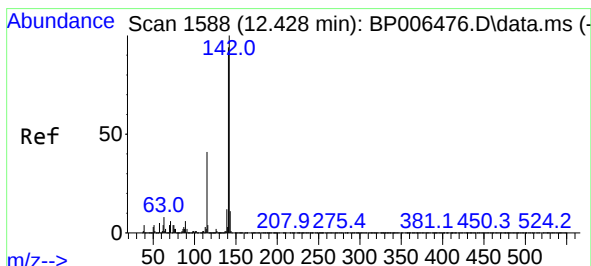
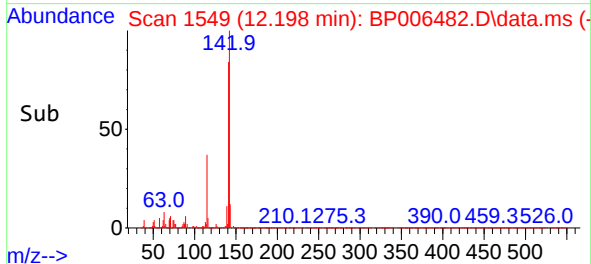
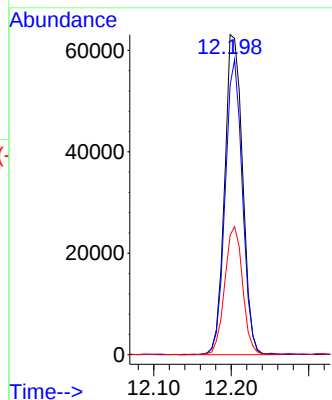


Tgt Ion:142 Resp: 101594
Ion Ratio Lower Upper
142 100
141 84.2 71.8 107.6
115 37.4 31.6 47.4

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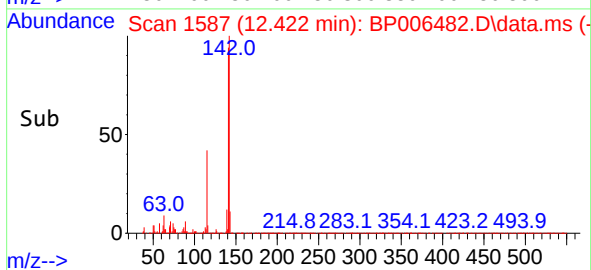
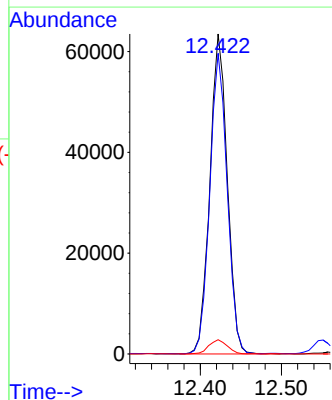
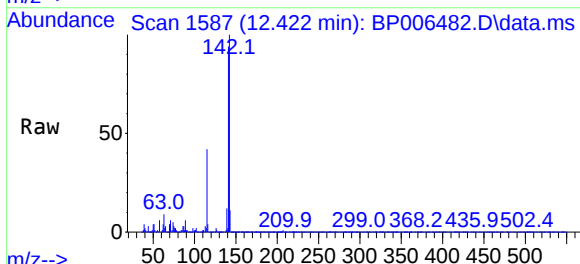
mohammad

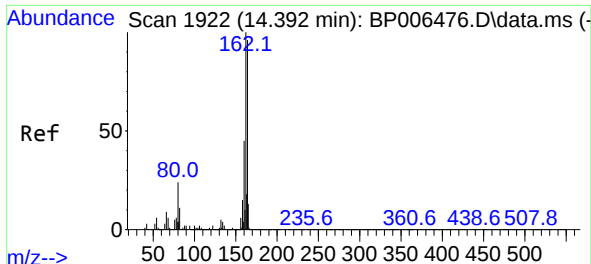
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#38
1-Methylnaphthalene
Concen: 5.171 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

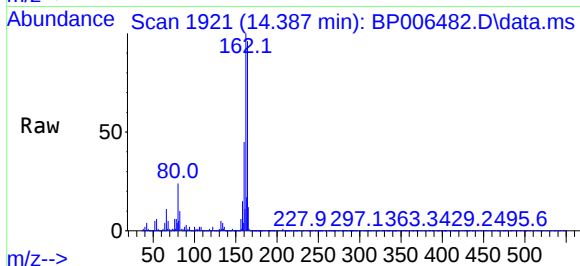
Tgt Ion:142 Resp: 94731
Ion Ratio Lower Upper
142 100
141 94.0 73.3 109.9
116 4.4 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

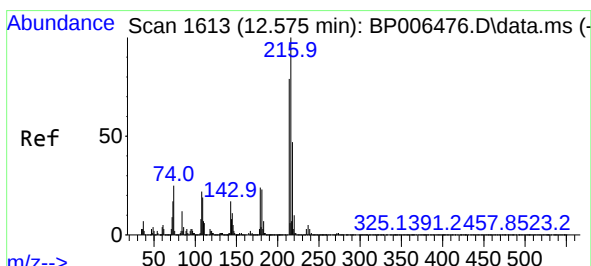
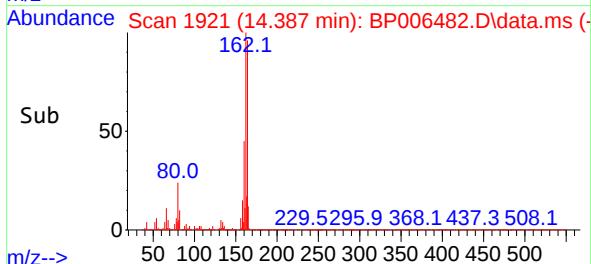
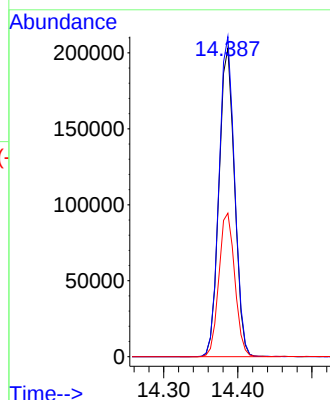


Tgt Ion:164 Resp: 296409
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 46.5 34.5 51.7

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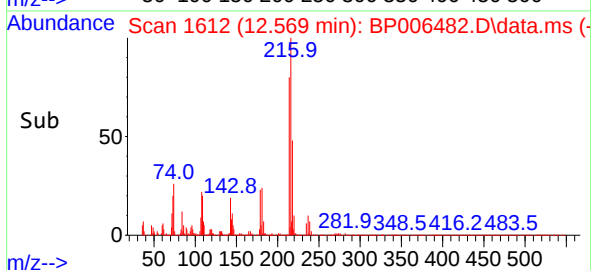
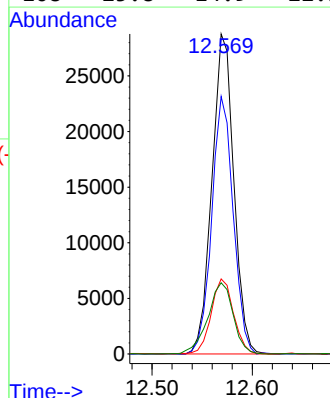
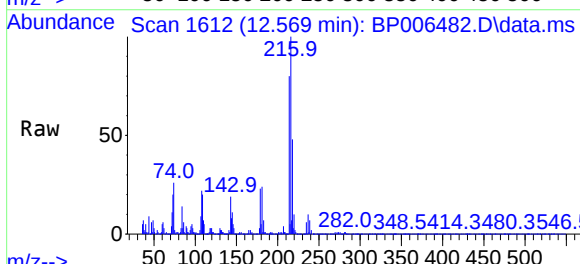
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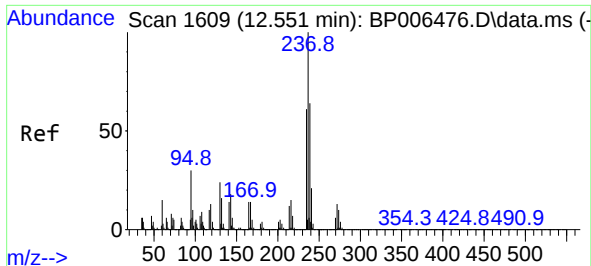
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.619 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

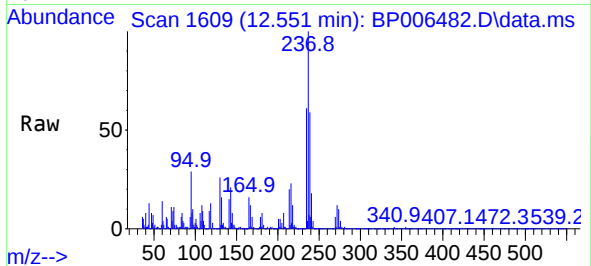
Tgt Ion:216 Resp: 43589
Ion Ratio Lower Upper
216 100
214 79.2 61.9 92.9
179 24.2 16.8 25.2
108 25.8 14.9 22.3#





#41
Hexachlorocyclopentadiene
Concen: 6.516 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

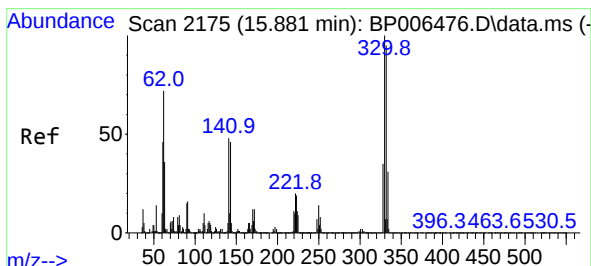
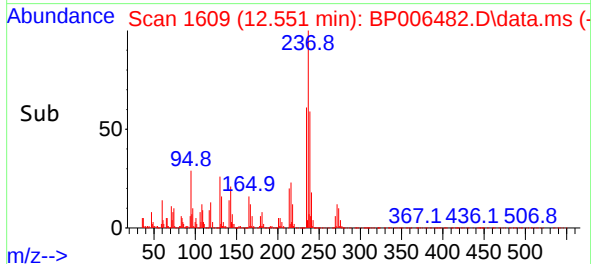
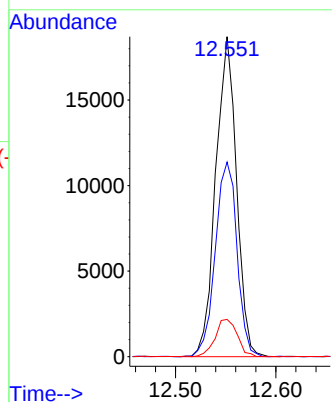


Tgt Ion:	237	Resp:	26811
Ion Ratio	Lower	Upper	
237	100		
235	60.8	44.5	84.5
272	11.6	0.0	32.5

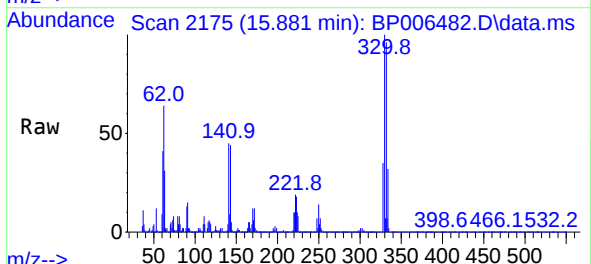
Manual Integrations
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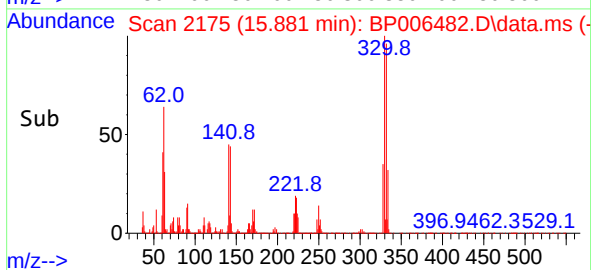
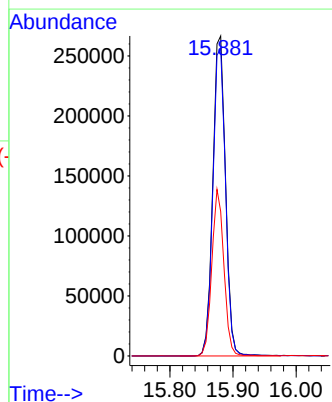
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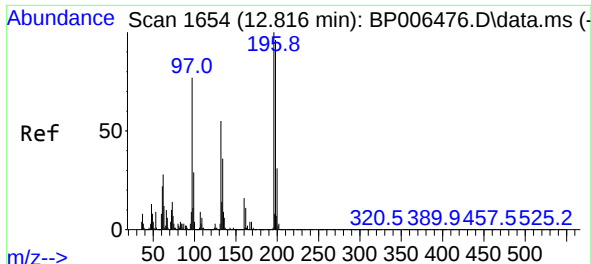


#42
2,4,6-Tribromophenol
Concen: 120.198 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion:	330	Resp:	372348
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.8	116.8
141	49.6	25.4	38.2#





#43
2,4,6-Trichlorophenol
Concen: 4.145 ng
RT: 12.816 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

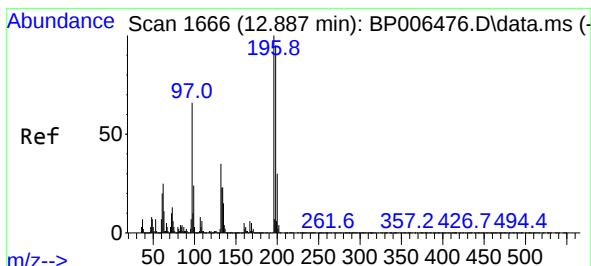
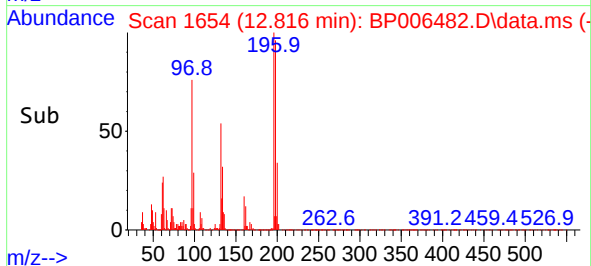
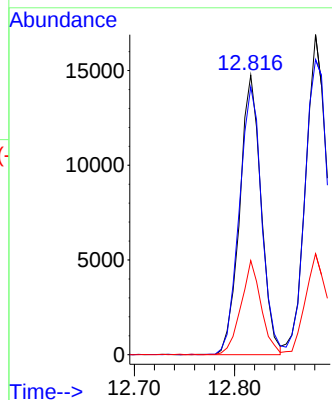
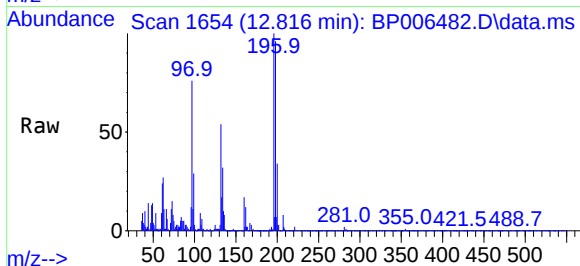
Tgt Ion:	196	Resp:	21956
Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.5	119.3
200	33.6	25.0	37.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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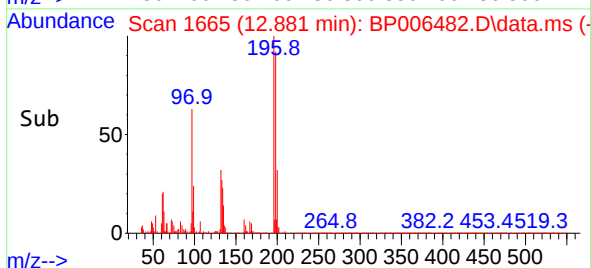
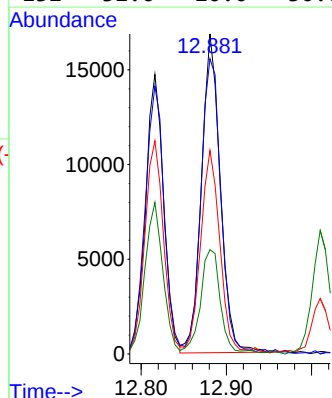
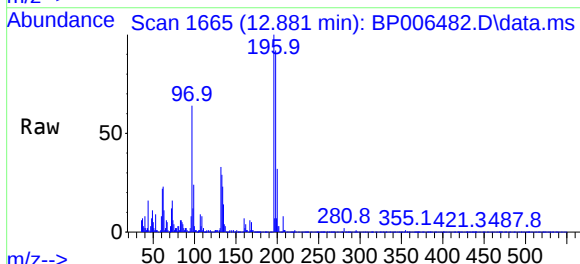
mohammad

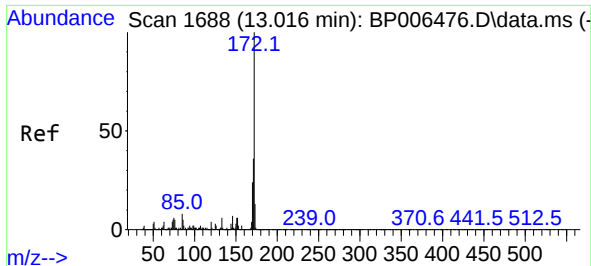
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#44
2,4,5-Trichlorophenol
Concen: 4.410 ng
RT: 12.881 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion:	196	Resp:	25857
Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.7	112.1
97	63.6	37.4	56.0#
132	32.6	20.0	30.0#





#45
2-Fluorobiphenyl
Concen: 76.133 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

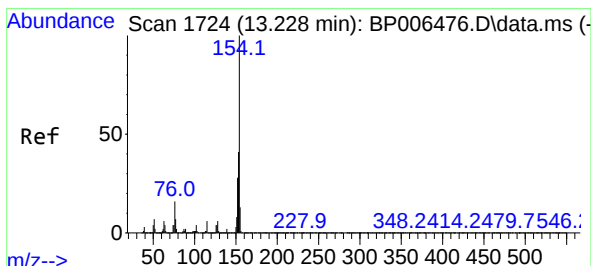
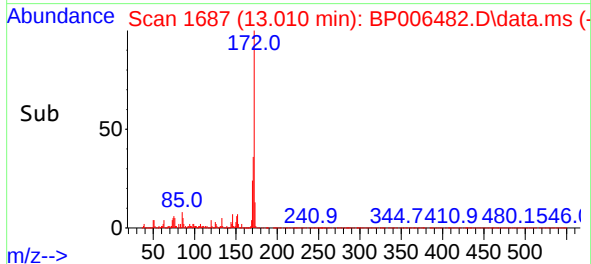
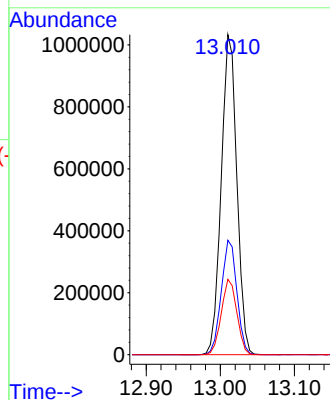
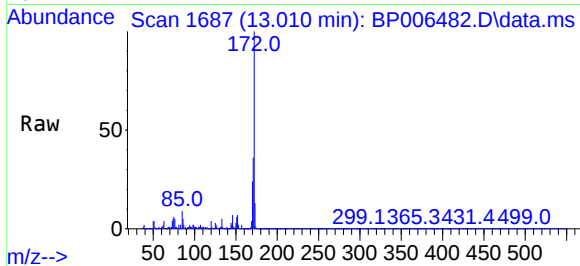
Tgt Ion:172 Resp: 1508318
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.6 18.6 27.8

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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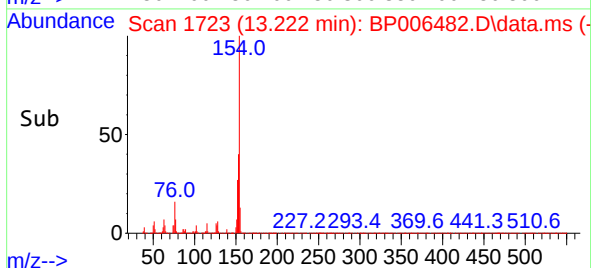
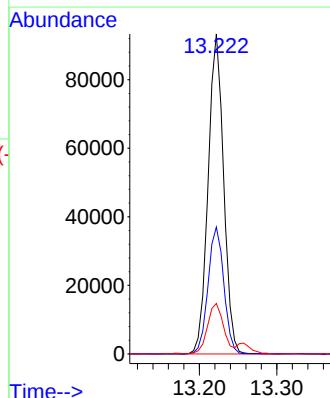
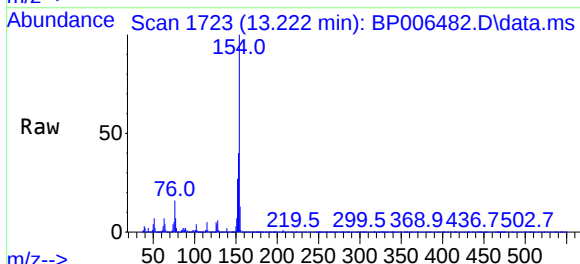
mohammad

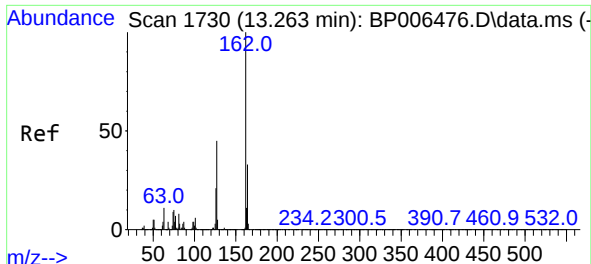
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#46
1,1'-Biphenyl
Concen: 5.780 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

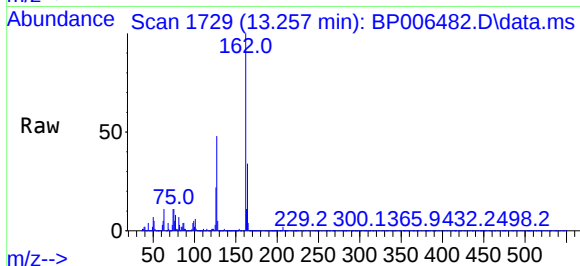
Tgt Ion:154 Resp: 129671
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 15.8 0.0 30.8





#47
2-Chloronaphthalene
Concen: 5.441 ng
RT: 13.257 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

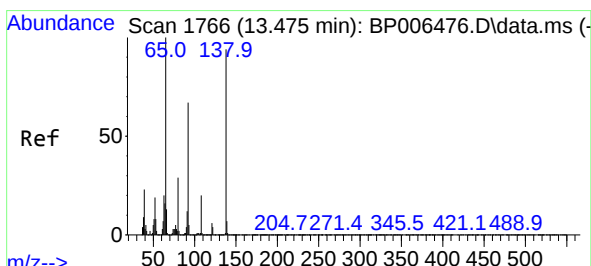
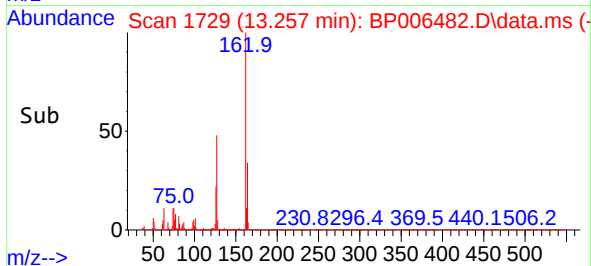
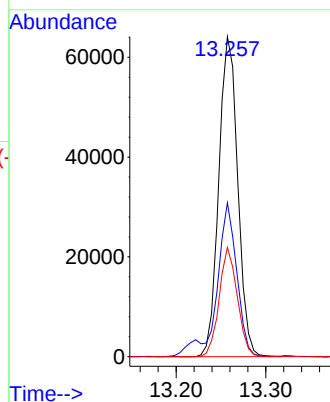


Tgt Ion:162 Resp: 94000
Ion Ratio Lower Upper
162 100
127 48.1 31.4 47.0#
164 34.1 26.6 39.8

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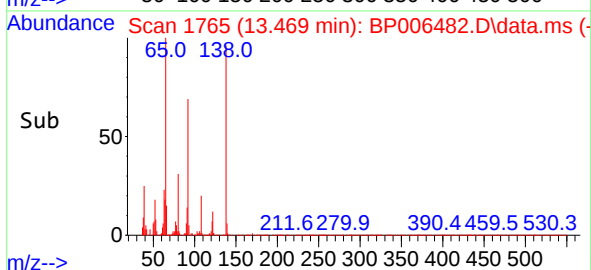
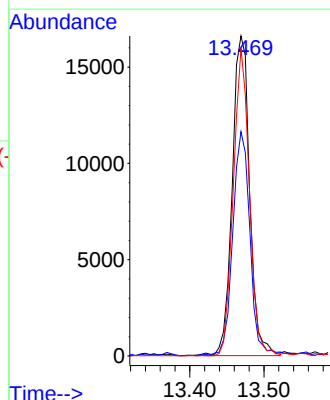
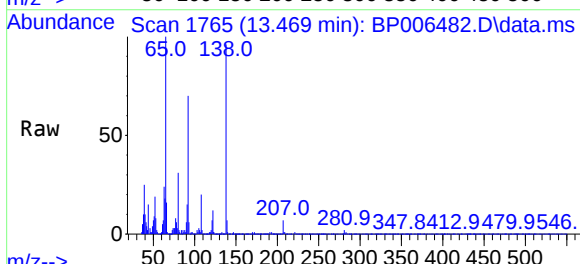
mohammad

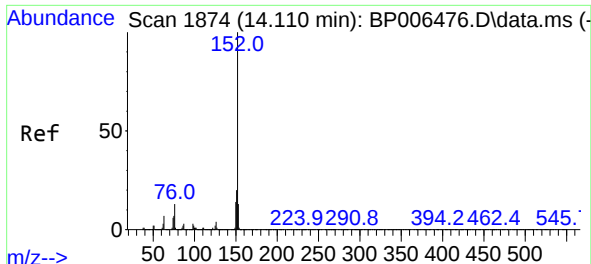
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#48
2-Nitroaniline
Concen: 4.449 ng
RT: 13.469 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

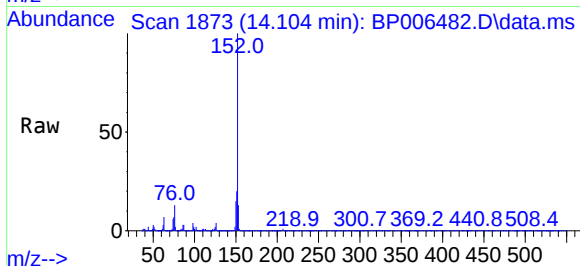
Tgt Ion: 65 Resp: 27124
Ion Ratio Lower Upper
65 100
92 70.1 57.7 86.5
138 96.1 92.1 138.1





#49
Acenaphthylene
Concen: 5.195 ng
RT: 14.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

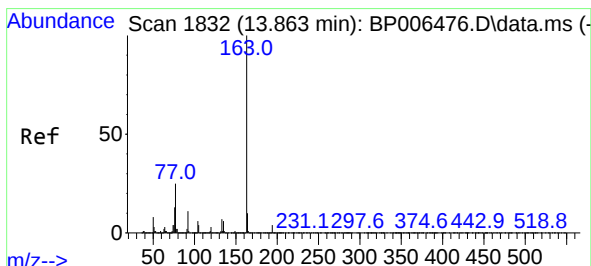
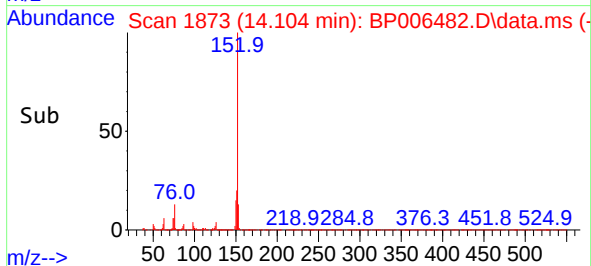
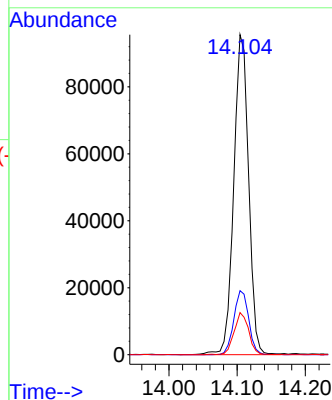


Tgt Ion:152 Resp: 144713
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.6 16.0

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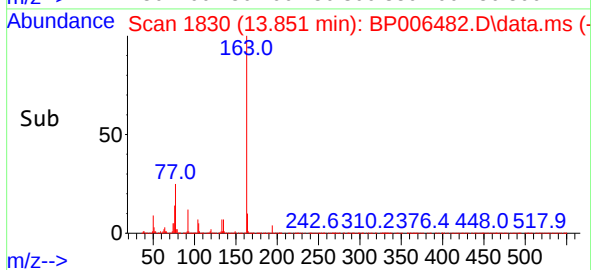
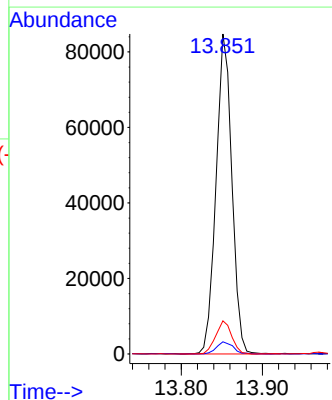
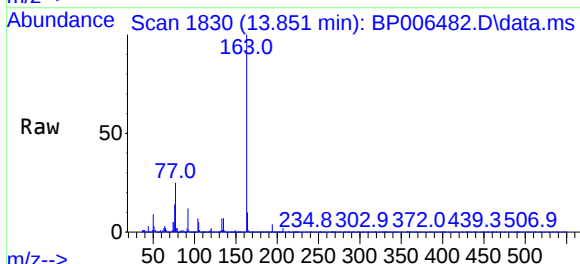
mohammad

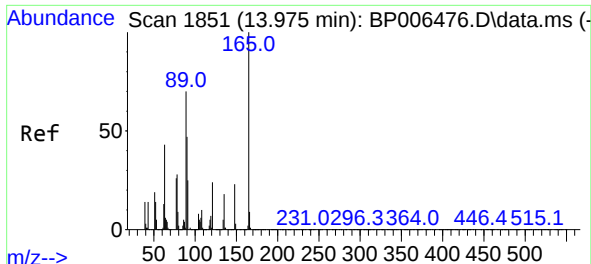
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#50
Dimethylphthalate
Concen: 5.321 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

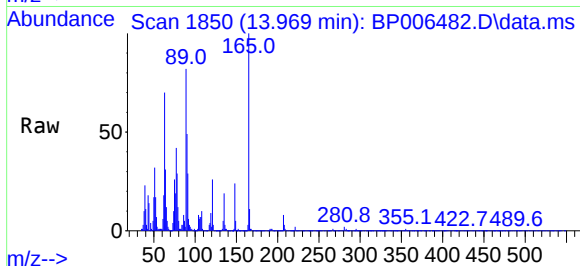
Tgt Ion:163 Resp: 114812
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 4.260 ng
RT: 13.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

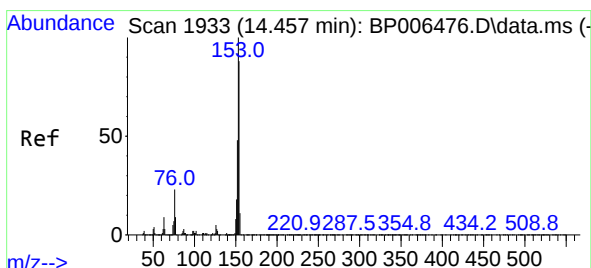
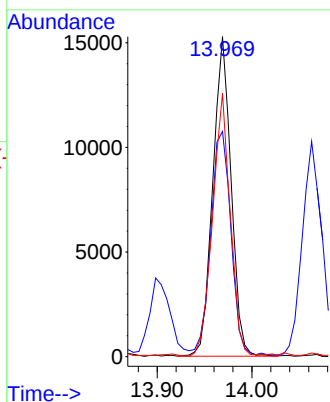
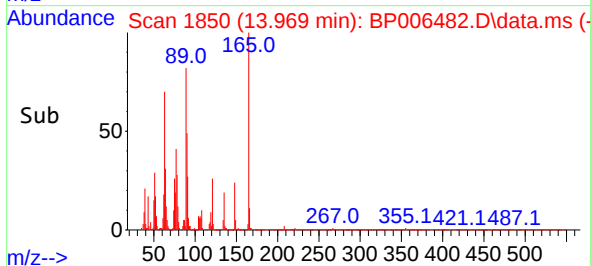


Tgt Ion:165 Resp: 20508
Ion Ratio Lower Upper
165 100
63 70.4 41.3 61.9#
89 82.2 44.8 67.2#

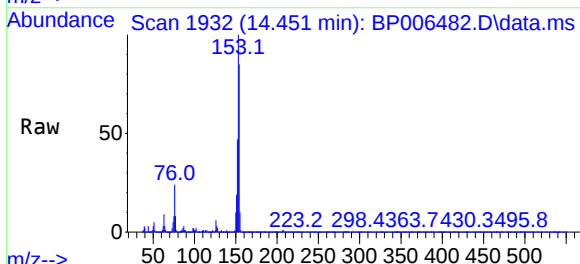
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mohammad

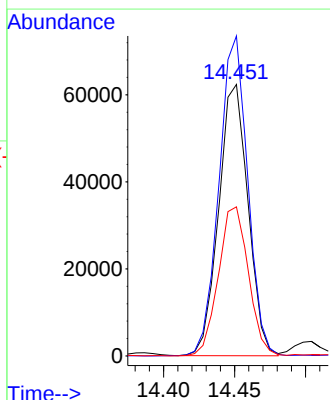
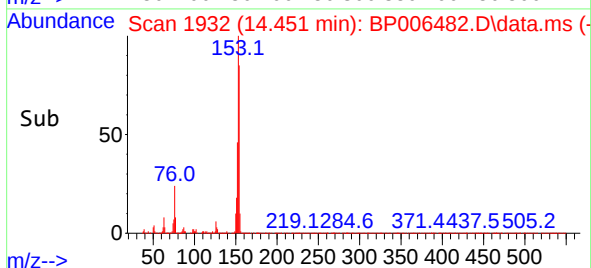
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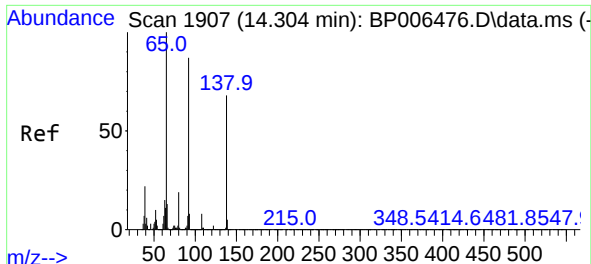


#52
Acenaphthene
Concen: 5.285 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



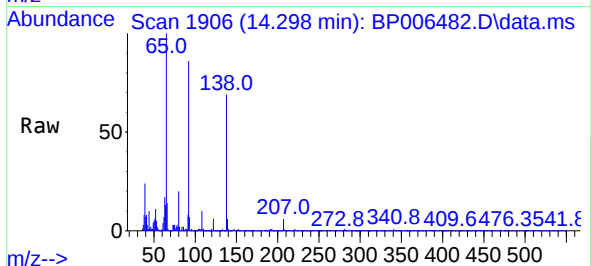
Tgt Ion:154 Resp: 89612
Ion Ratio Lower Upper
154 100
153 117.8 89.4 134.2
152 54.9 43.0 64.4





#53
3-Nitroaniline
Concen: 4.536 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

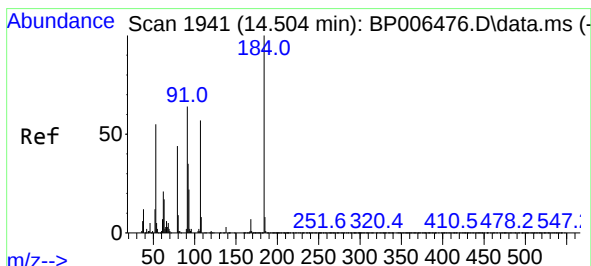
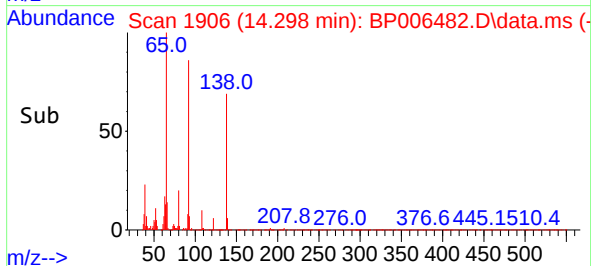
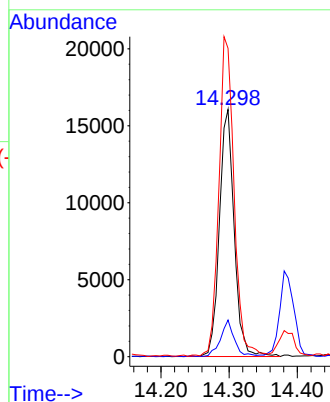


Tgt Ion:138 Resp: 24211
Ion Ratio Lower Upper
138 100
108 14.8 8.4 12.6#
92 124.8 87.8 131.8

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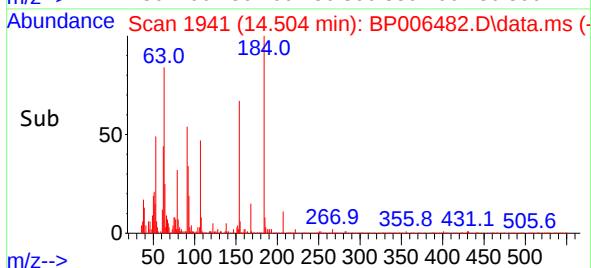
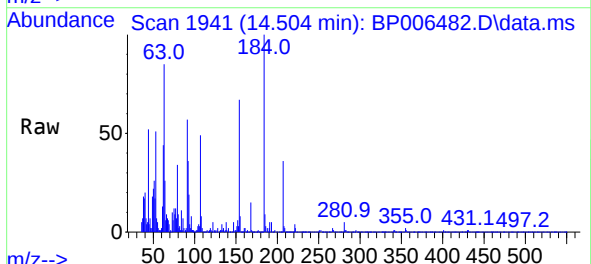
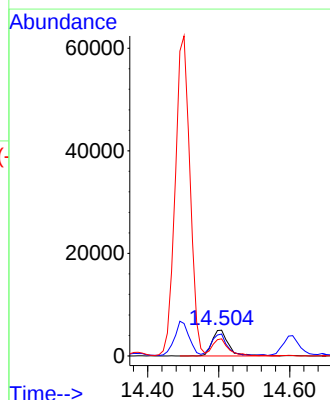
mohammad

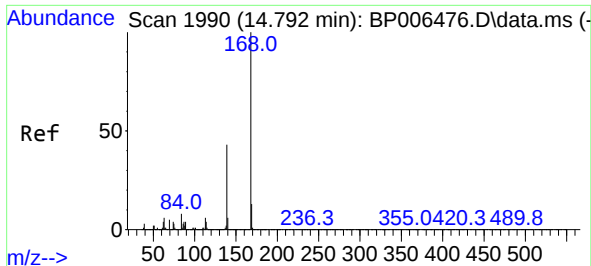
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#54
2,4-Dinitrophenol
Concen: 3.197 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

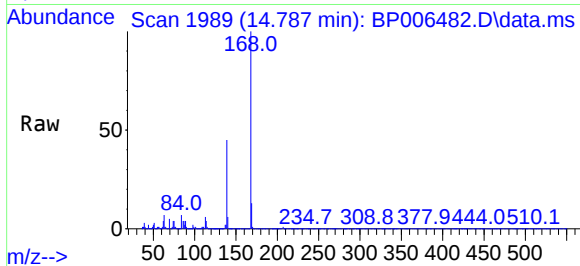
Tgt Ion:184 Resp: 8050
Ion Ratio Lower Upper
184 100
63 84.8 47.0 70.6#
154 66.6 52.3 78.5





#55
Dibenzenofuran
Concen: 5.331 ng
RT: 14.787 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

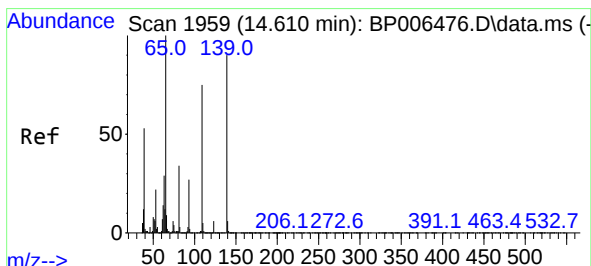
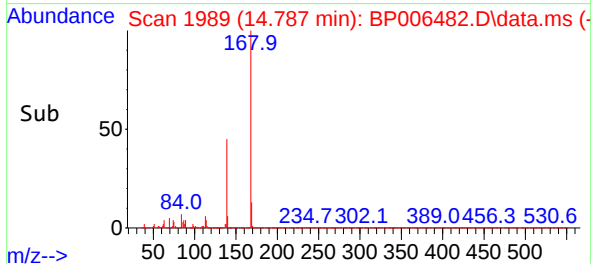
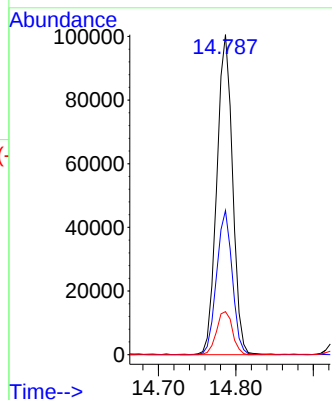


Tgt Ion:168 Resp: 142169
Ion Ratio Lower Upper
168 100
139 45.1 31.0 46.6
169 13.4 10.8 16.2

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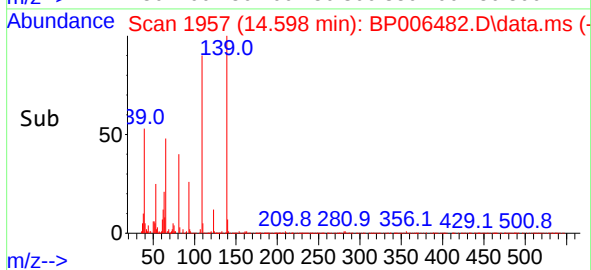
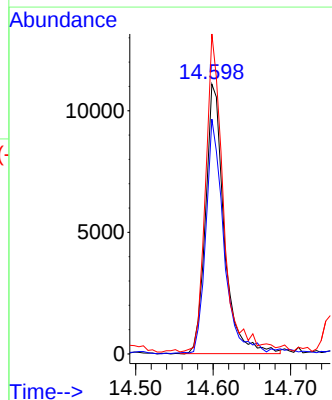
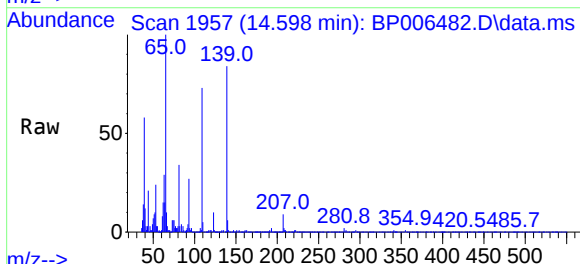
mohammad

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#56
4-Nitrophenol
Concen: 3.974 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

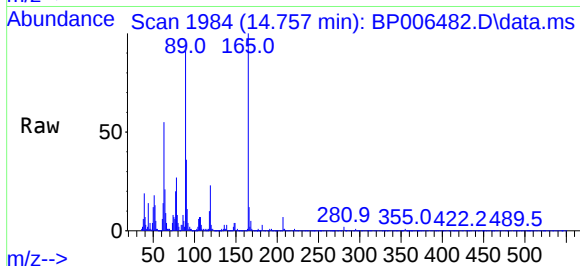
Tgt Ion:139 Resp: 18416
Ion Ratio Lower Upper
139 100
109 87.1 72.3 112.3
65 118.7 72.5 112.5#





#57
2,4-Dinitrotoluene
Concen: 4.001 ng
RT: 14.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

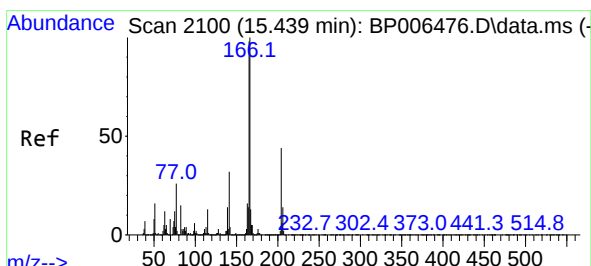
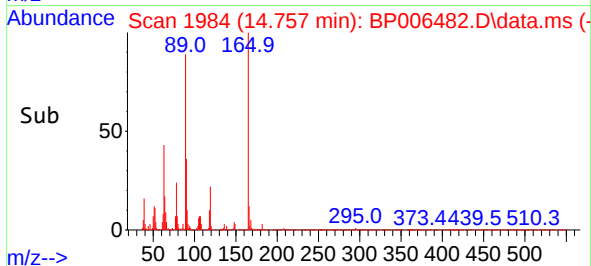
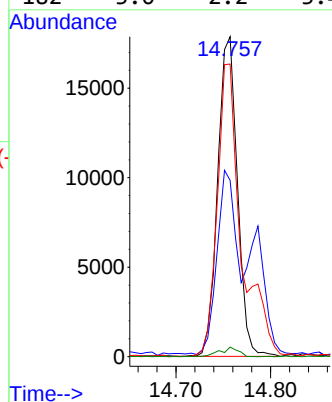


Tgt Ion:165 Resp: 25836
Ion Ratio Lower Upper
165 100
63 55.1 32.3 48.5#
89 91.5 55.9 83.9#
182 3.0 2.2 3.4

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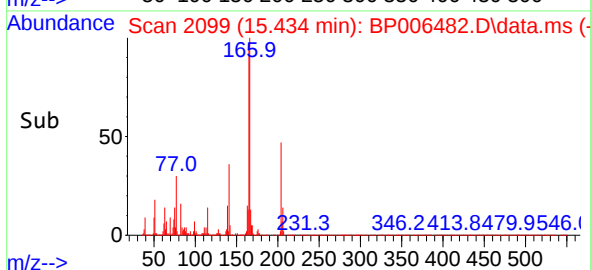
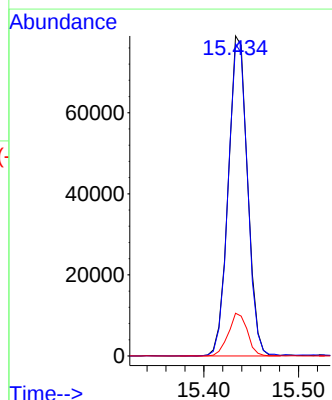
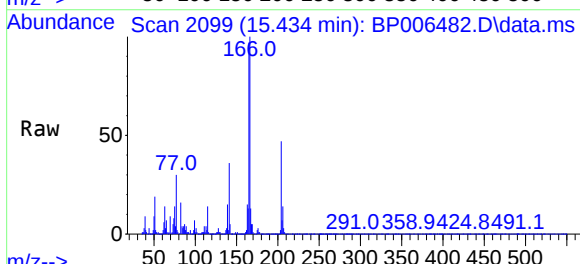
mohammad

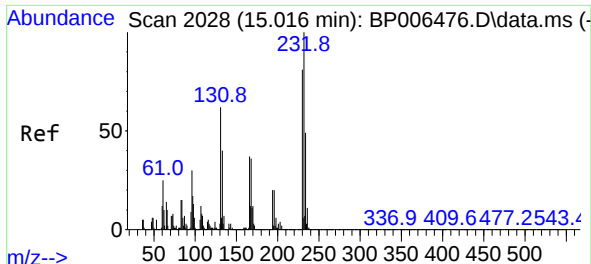
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#58
Fluorene
Concen: 5.227 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion:166 Resp: 111409
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.571 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

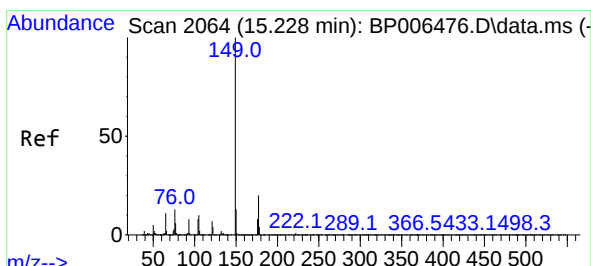
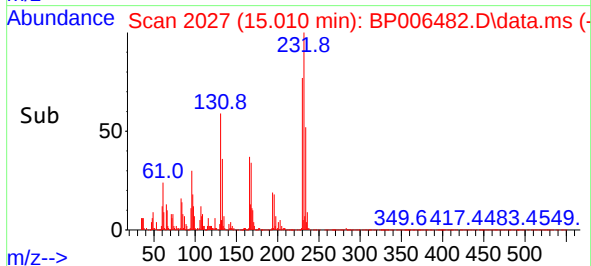
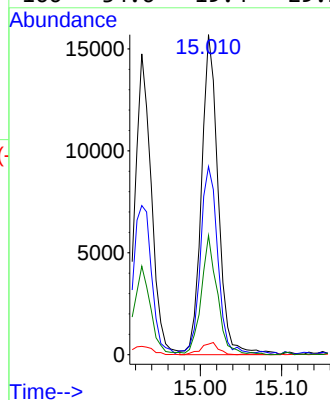
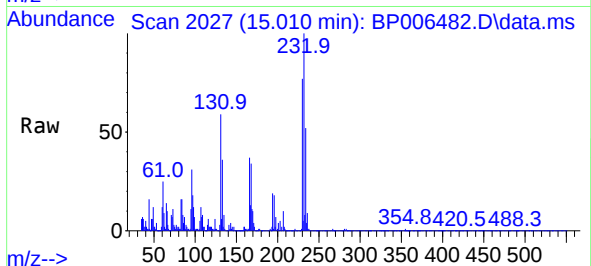
Tgt Ion:	232	Resp:	22462
Ion Ratio	Lower	Upper	
232	100		
131	59.9	32.2	48.4#
130	3.9	2.0	3.0#
166	34.6	19.4	29.2#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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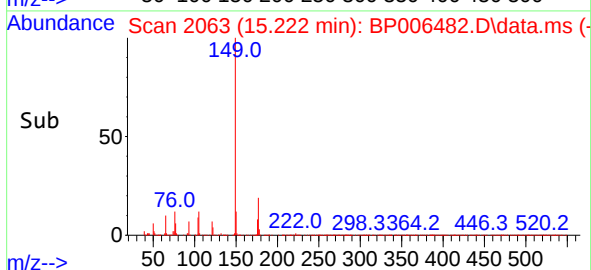
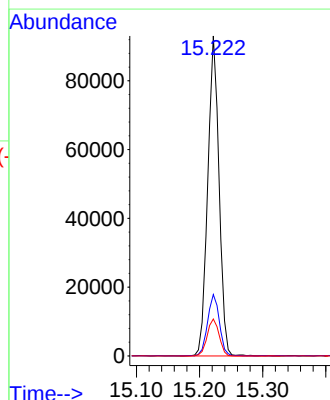
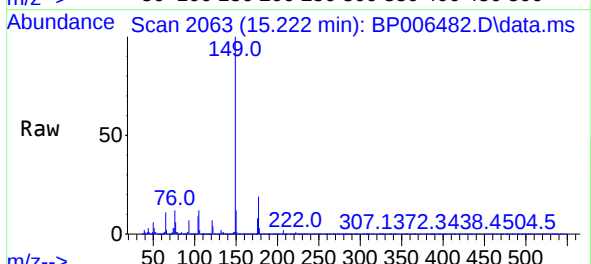
mohammad

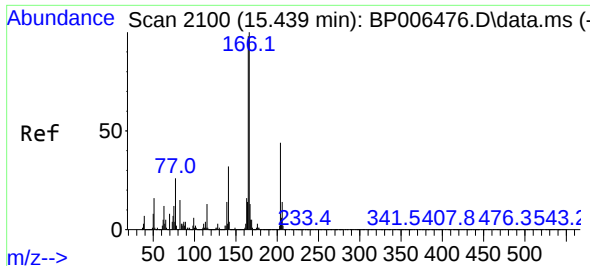
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#60
Diethylphthalate
Concen: 5.094 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion:	149	Resp:	115448
Ion Ratio	Lower	Upper	
149	100		
177	19.2	17.5	26.3
150	11.6	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 5.449 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

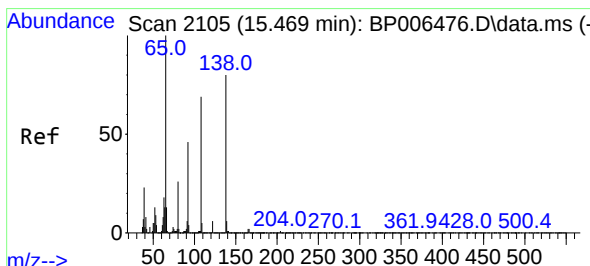
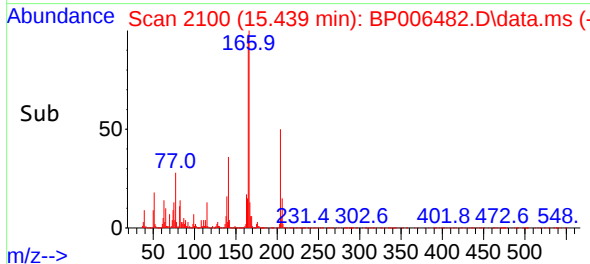
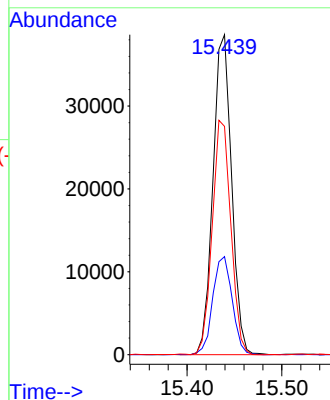
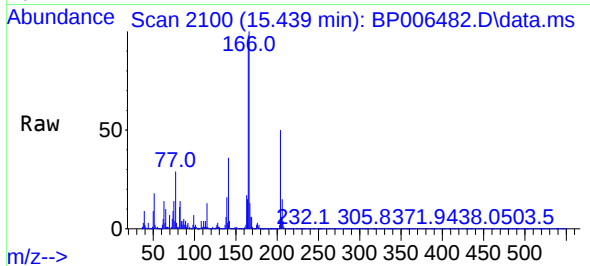
Tgt Ion:	204	Resp:	52604
Ion Ratio	Lower	Upper	
204	100		
206	30.7	26.6	40.0
141	71.3	48.6	73.0

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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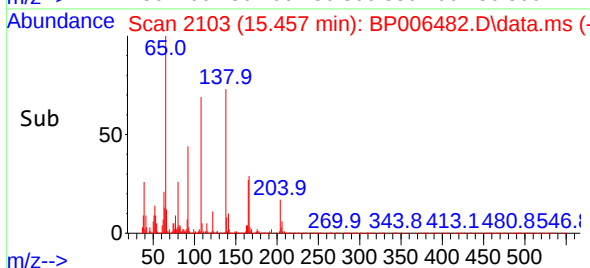
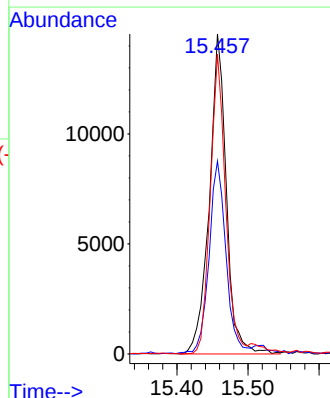
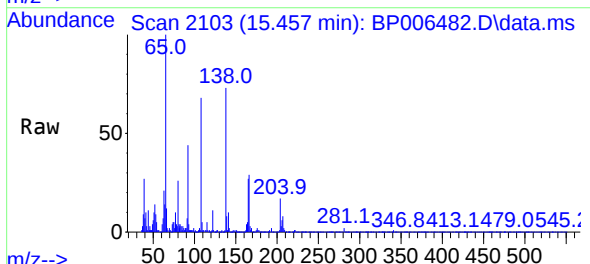
mohammad

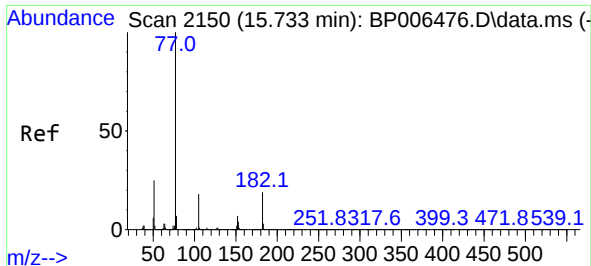
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#62
4-Nitroaniline
Concen: 4.278 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

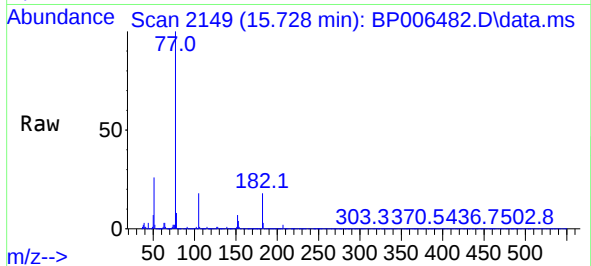
Tgt Ion:	138	Resp:	24228
Ion Ratio	Lower	Upper	
138	100		
92	60.3	31.2	71.2
108	93.7	78.6	118.6





#63
Azobenzene
Concen: 4.656 ng
RT: 15.728 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021



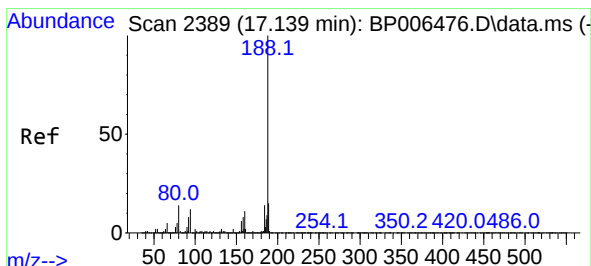
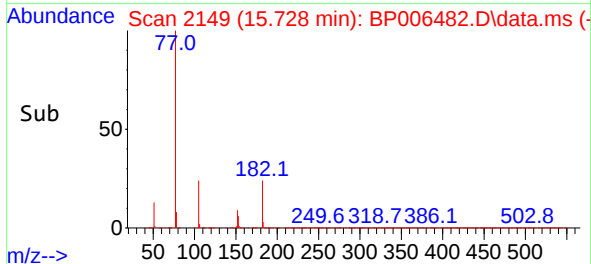
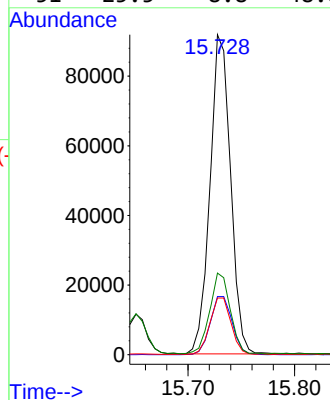
Tgt Ion: 77 Resp: 123020

Ion	Ratio	Lower	Upper
77	100		
182	18.2	6.0	46.0
105	17.7	0.0	38.8
51	25.5	8.8	48.8

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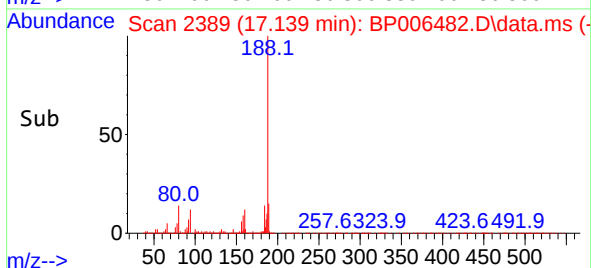
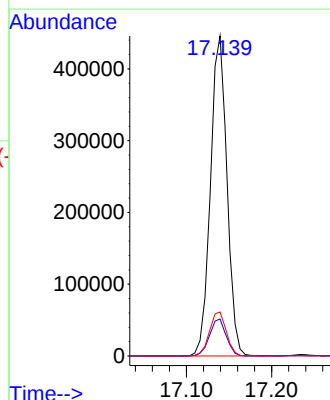
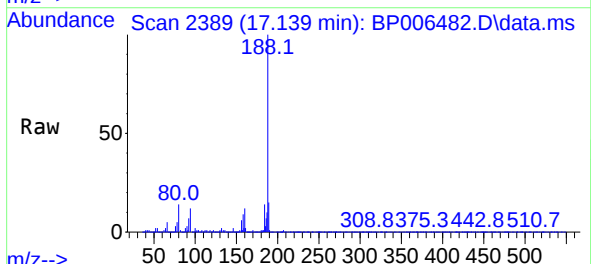
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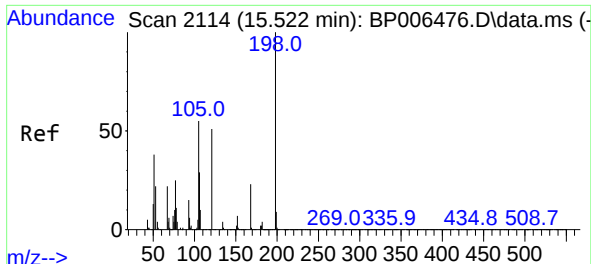


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion: 188 Resp: 601726

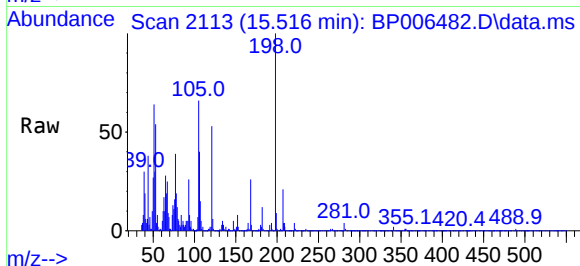
Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.6	8.4#
80	13.7	6.3	9.5#





#65
4,6-Dinitro-2-methylphenol
Concen: 2.895 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

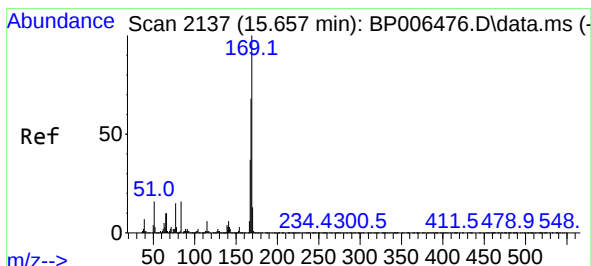
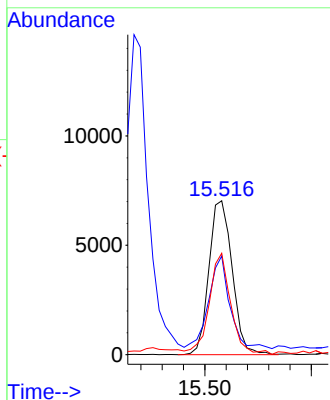
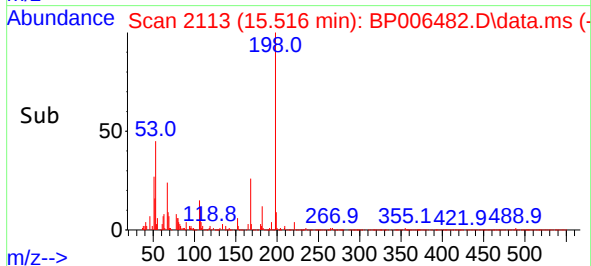


Tgt Ion:198 Resp: 10645
Ion Ratio Lower Upper
198 100
51 64.2 14.0 54.0#
105 65.9 19.5 59.5#

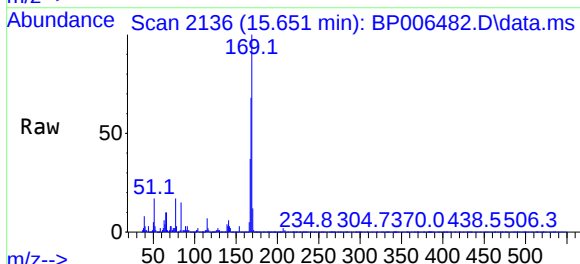
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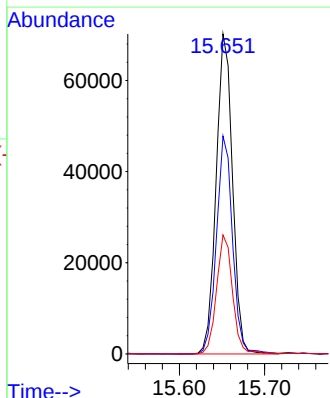
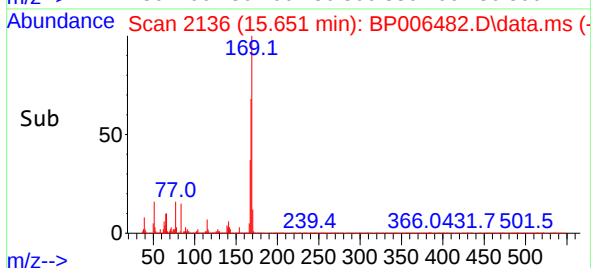
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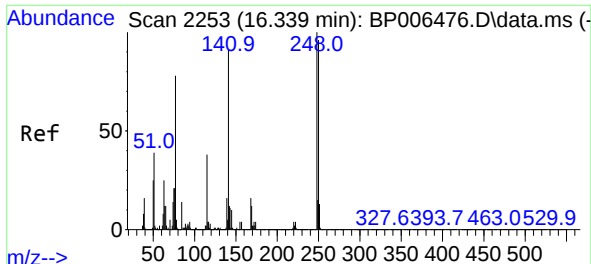


#66
n-Nitrosodiphenylamine
Concen: 4.941 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion:169 Resp: 93443
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 37.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.957 ng
RT: 16.333 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

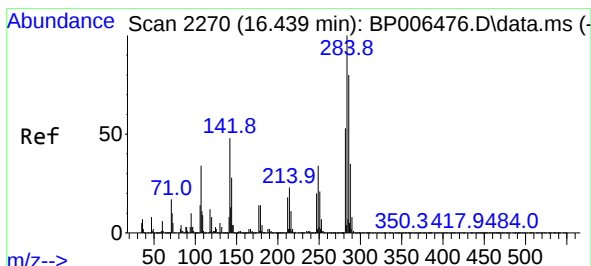
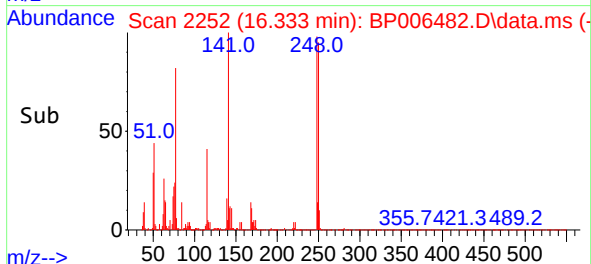
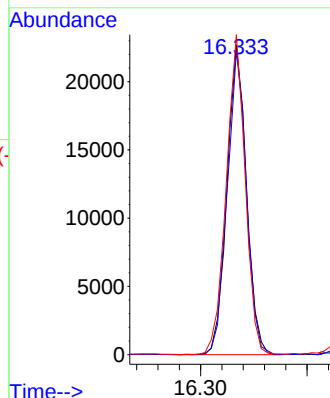
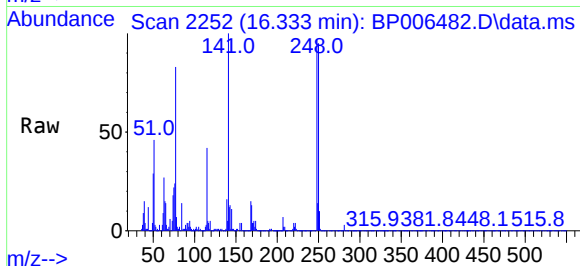
Tgt Ion:	248	Resp:	28620
Ion Ratio	Lower	Upper	
248	100		
250	98.0	79.8	119.8
141	103.2	57.8	86.6#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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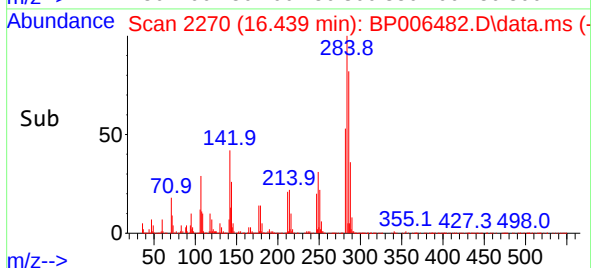
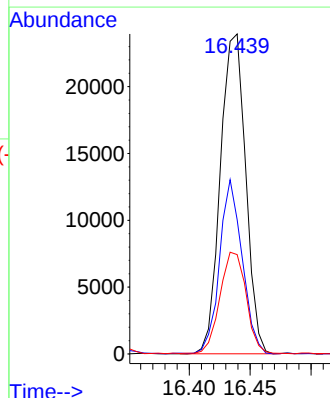
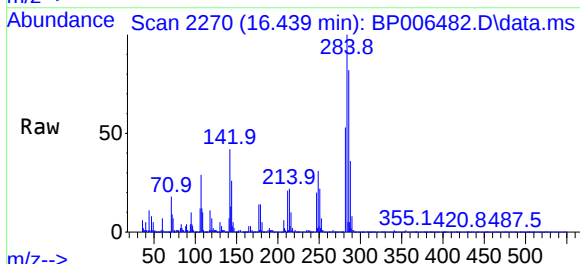
mohammad

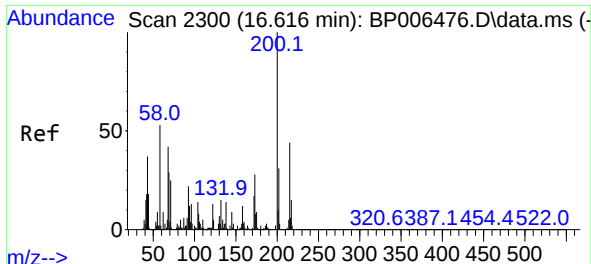
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#68
Hexachlorobenzene
Concen: 5.271 ng
RT: 16.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion:	284	Resp:	34630
Ion Ratio	Lower	Upper	
284	100		
142	41.9	26.9	40.3#
249	34.0	24.5	36.7





#69
Atrazine
Concen: 5.039 ng
RT: 16.610 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

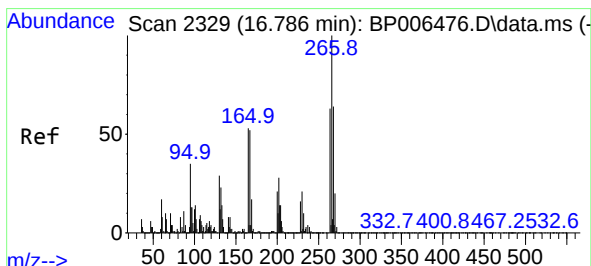
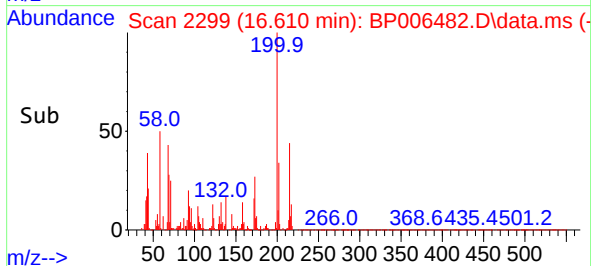
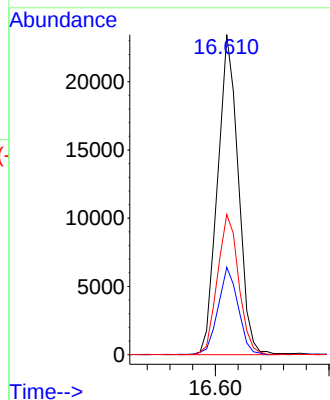
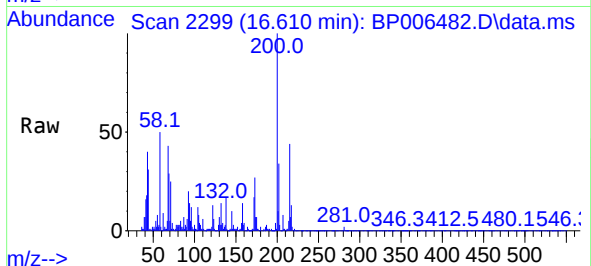
Tgt Ion:	200	Resp:	29739
Ion Ratio	Lower	Upper	
200	100		
173	27.3	4.1	44.1
215	43.8	27.7	67.7

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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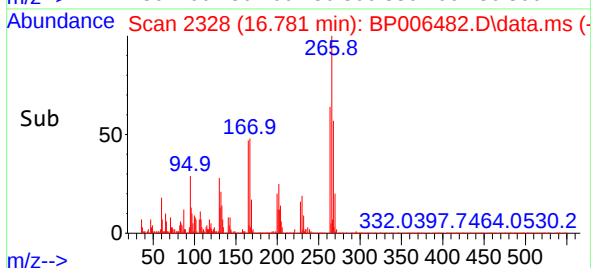
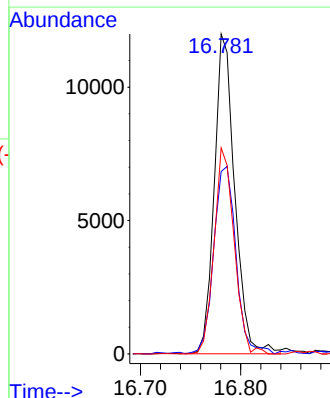
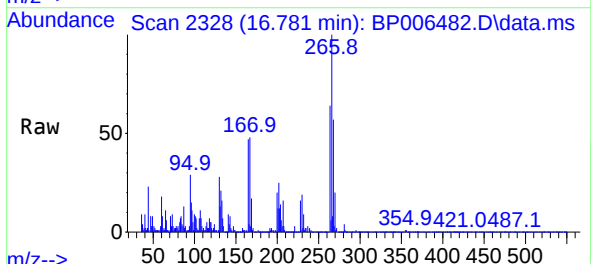
mohammad

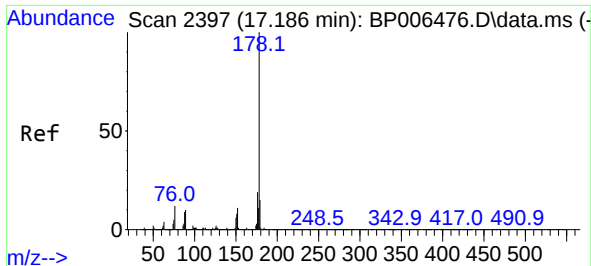
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#70
Pentachlorophenol
Concen: 4.072 ng
RT: 16.781 min Scan# 2328
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion:	266	Resp:	16974
Ion Ratio	Lower	Upper	
266	100		
268	59.9	51.6	77.4
264	64.4	50.3	75.5





#71
Phenanthrene
Concen: 5.337 ng
RT: 17.180 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

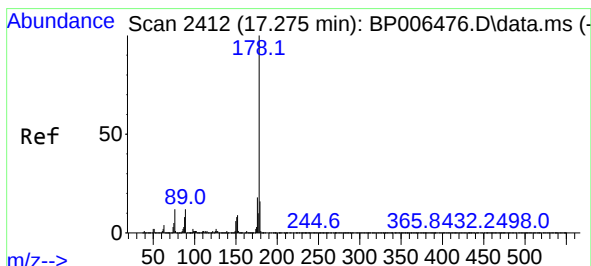
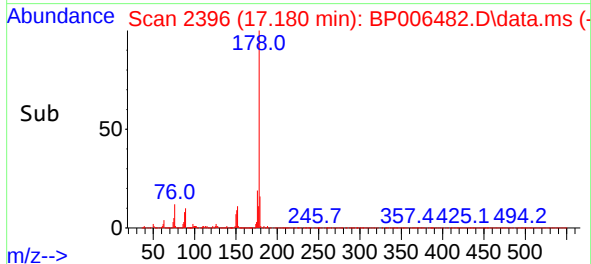
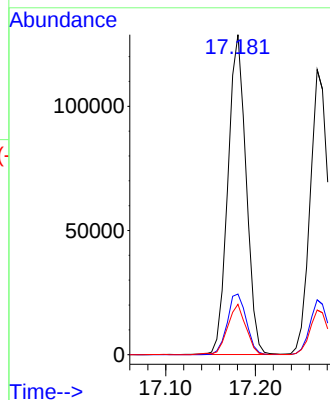
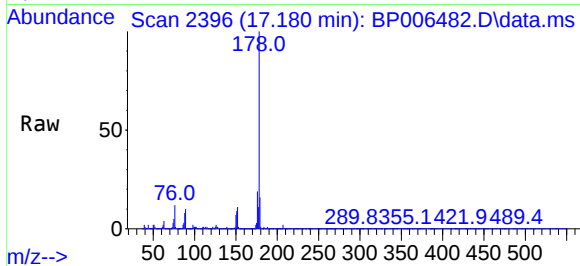
Tgt Ion:178 Resp: 181144
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.7 12.4 18.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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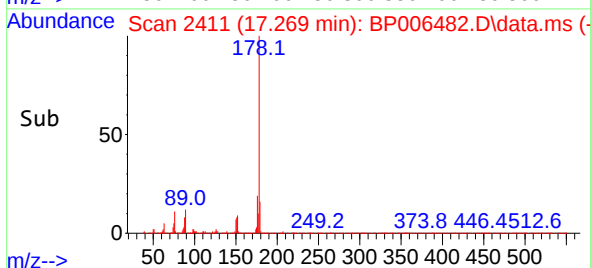
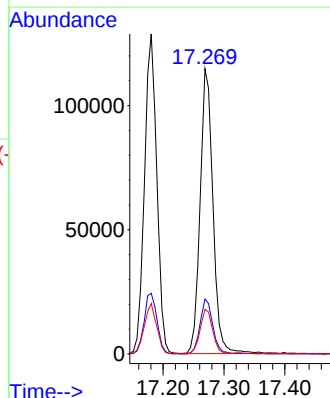
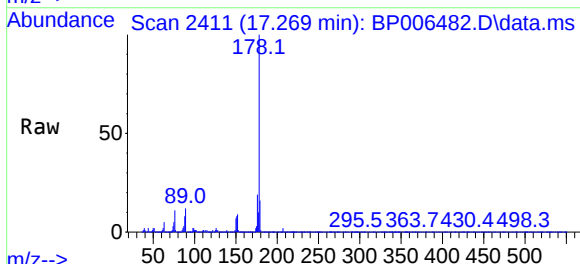
mohammad

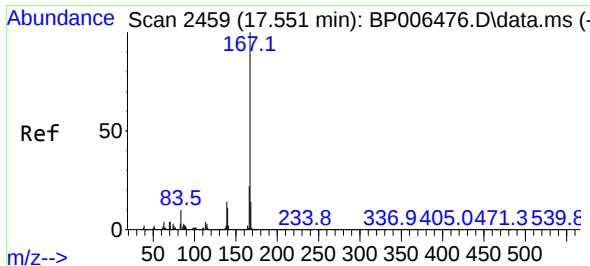
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#72
Anthracene
Concen: 5.133 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

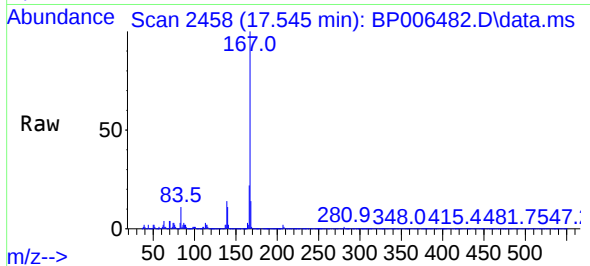
Tgt Ion:178 Resp: 168356
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.7 12.2 18.2





#73
 Carbazole
 Concen: 4.863 ng
 RT: 17.545 min Scan# 2458
 Delta R.T. -0.006 min
 Lab File: BP006482.D
 Acq: 03 Aug 2021 17:34

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

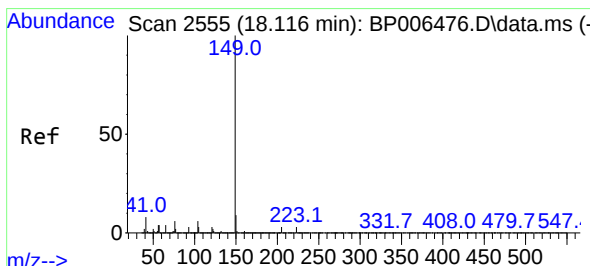
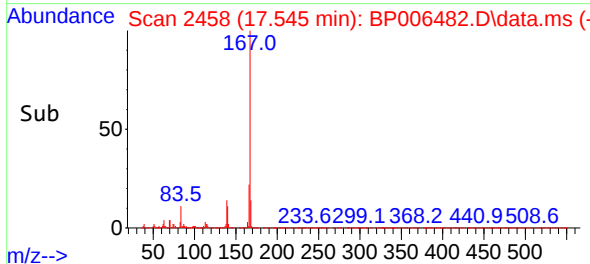
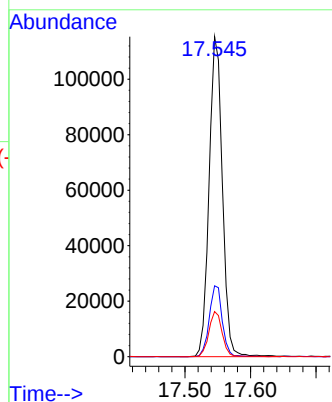


Tgt Ion:167 Resp: 162664
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 14.1 10.7 16.1

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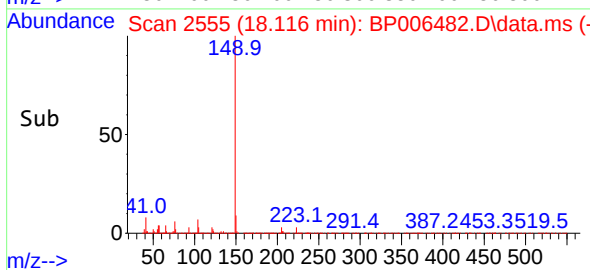
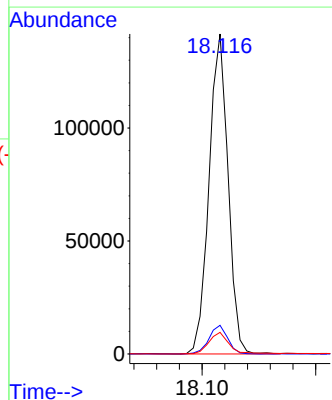
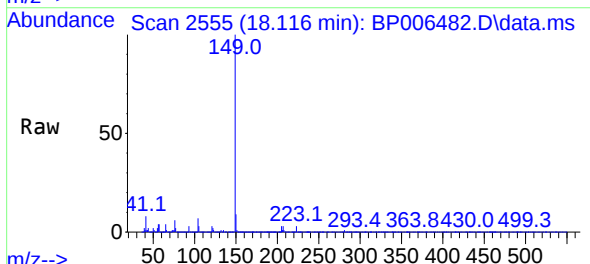
mohammad

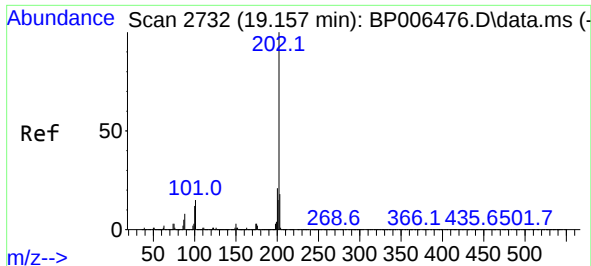
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#74
 Di-n-butylphthalate
 Concen: 4.315 ng
 RT: 18.116 min Scan# 2555
 Delta R.T. 0.000 min
 Lab File: BP006482.D
 Acq: 03 Aug 2021 17:34

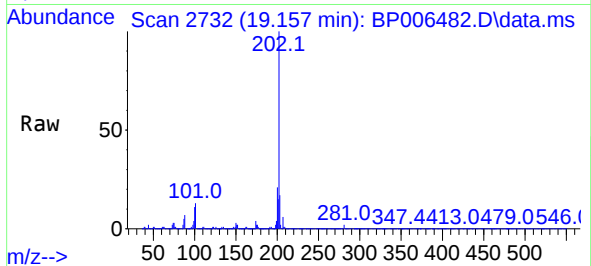
Tgt Ion:149 Resp: 164456
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 6.7 4.5 6.7#





#75
Fluoranthene
Concen: 5.116 ng
RT: 19.157 min Scan# 2732
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

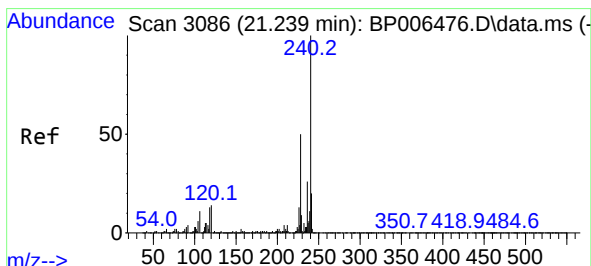
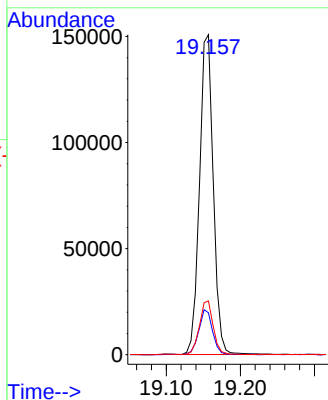
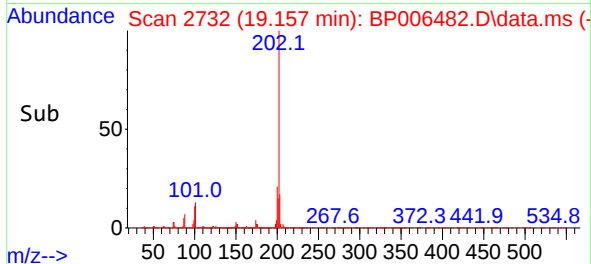


Tgt Ion:202 Resp: 194905
Ion Ratio Lower Upper
202 100
101 13.1 0.0 27.6
203 16.8 0.0 37.8

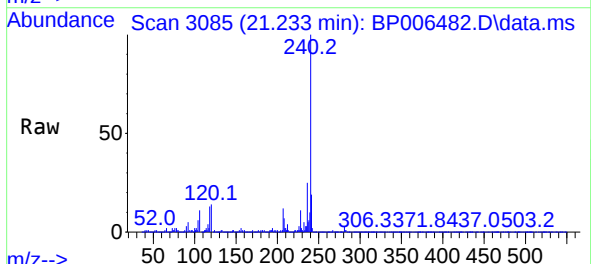
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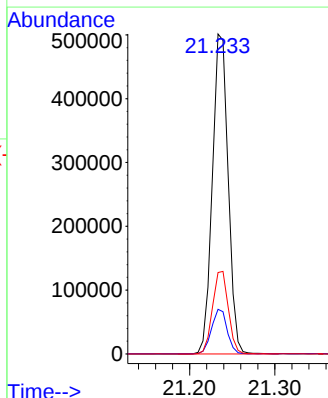
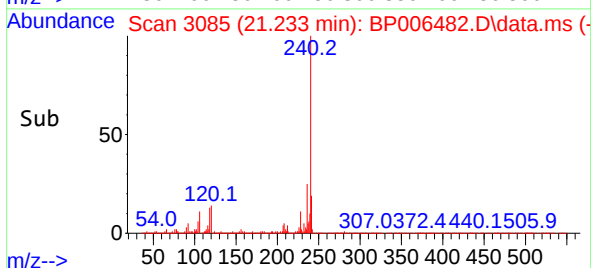
8/4/2021 3:46:03 PM

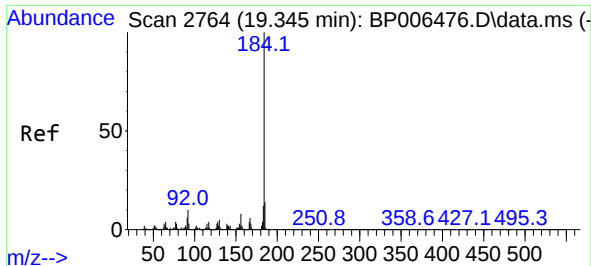


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

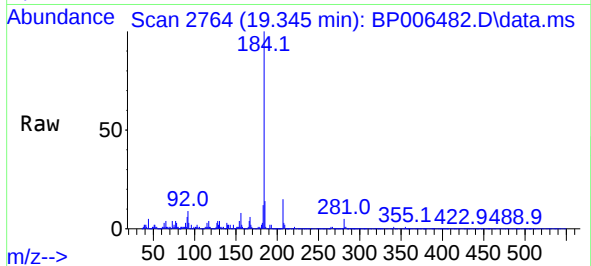


Tgt Ion:240 Resp: 645889
Ion Ratio Lower Upper
240 100
120 14.0 6.5 9.7#
236 25.4 20.6 31.0





#77
Benzidine
Concen: 5.317 ng
RT: 19.345 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



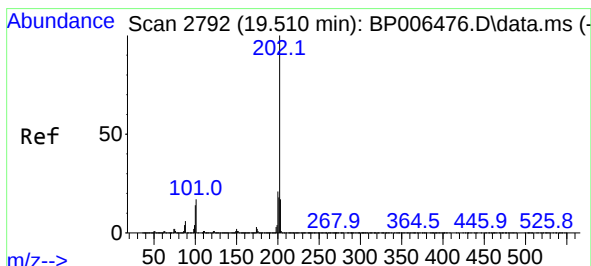
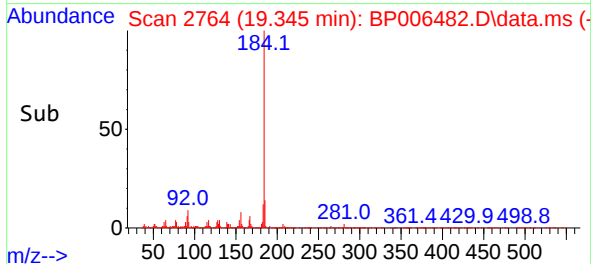
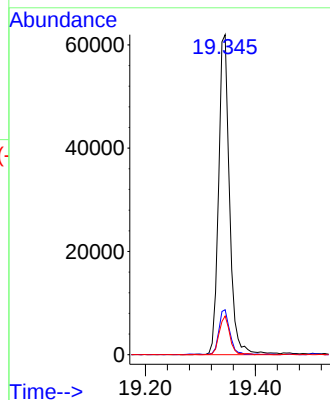
Tgt Ion:184 Resp: 85930
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.4
183 12.1 9.5 14.3

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

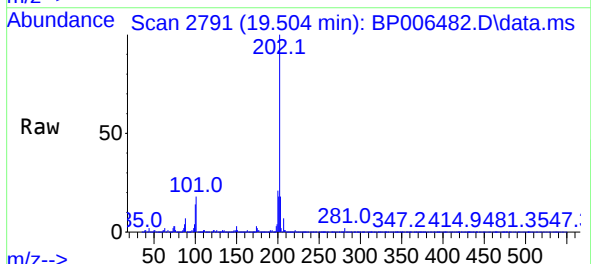
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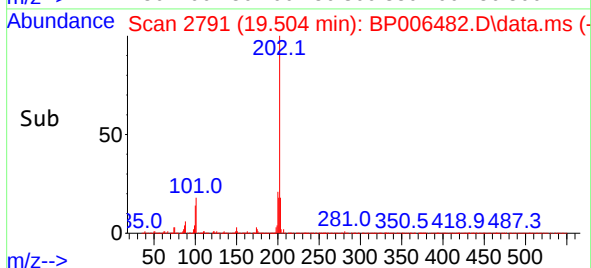
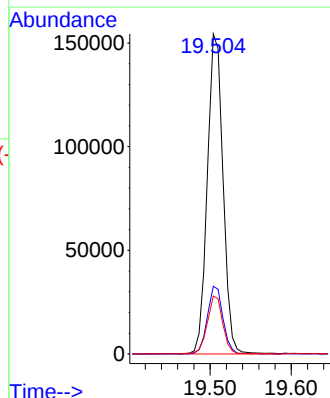
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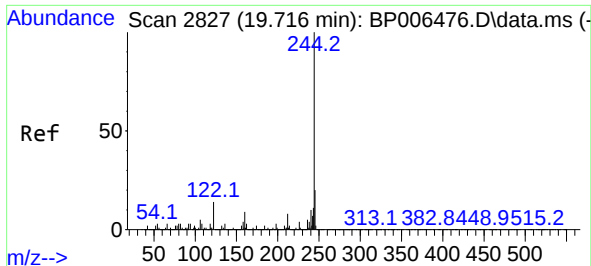


#78
Pyrene
Concen: 4.800 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion:202 Resp: 207074
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 18.1 14.2 21.2





#79
Terphenyl-d14
Concen: 70.277 ng
RT: 19.716 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

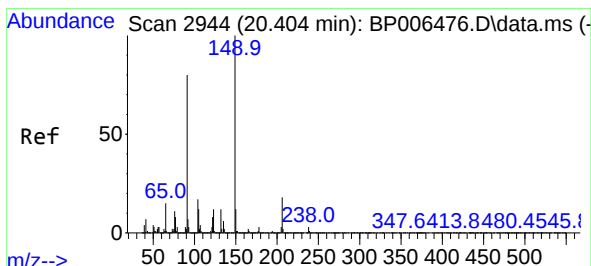
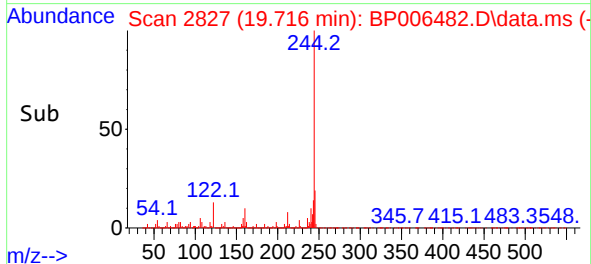
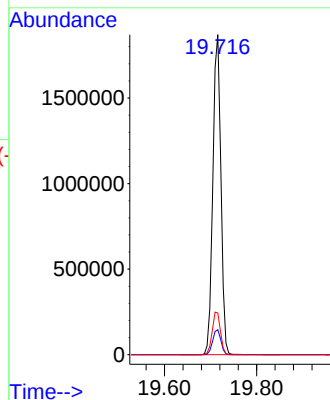
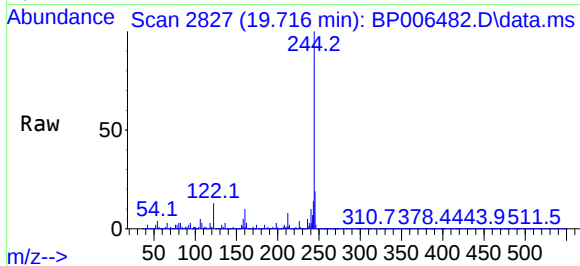
Tgt Ion:244 Resp: 2265278
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 13.1 7.1 10.7#

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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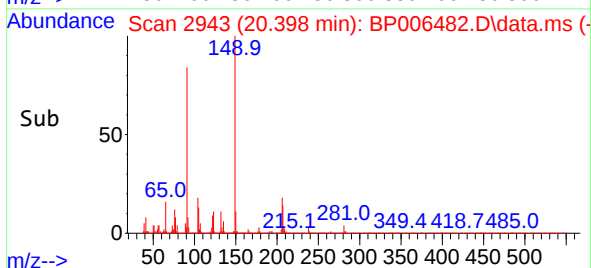
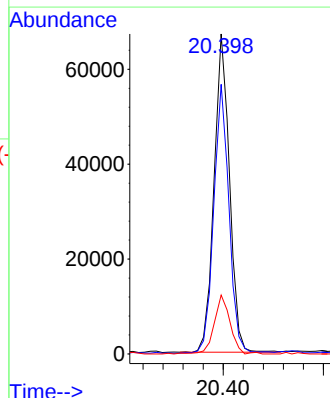
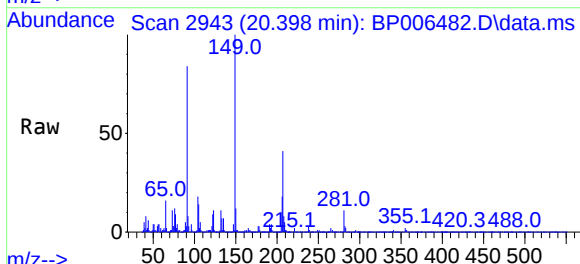
mohammad

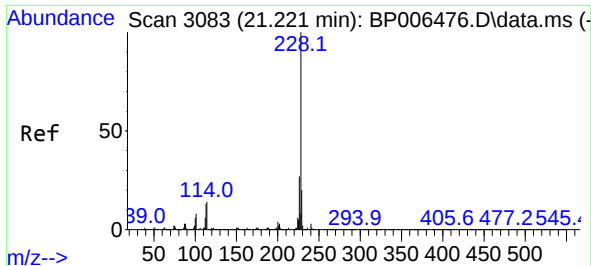
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#80
Butylbenzylphthalate
Concen: 3.770 ng
RT: 20.398 min Scan# 2943
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

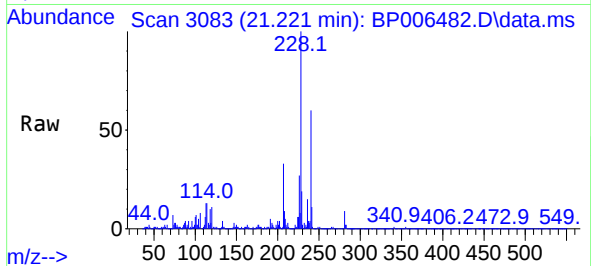
Tgt Ion:149 Resp: 71529
Ion Ratio Lower Upper
149 100
91 84.2 54.6 81.8#
206 18.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 5.029 ng
RT: 21.221 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

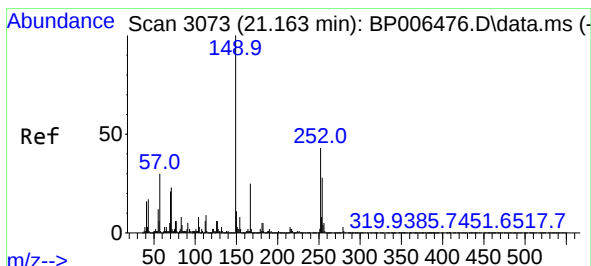
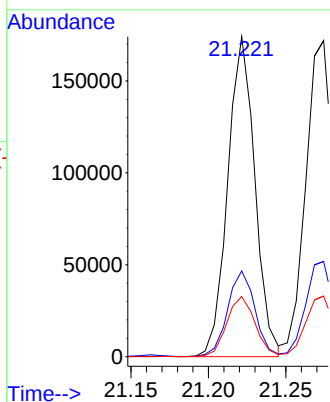
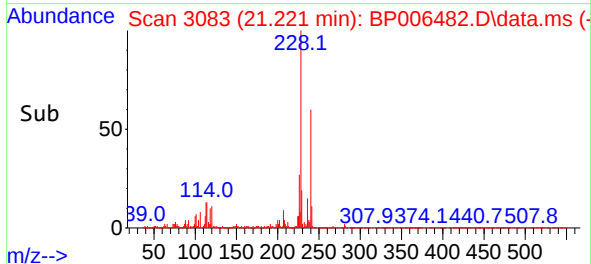


Tgt Ion:228 Resp: 212286
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 18.8 15.8 23.6

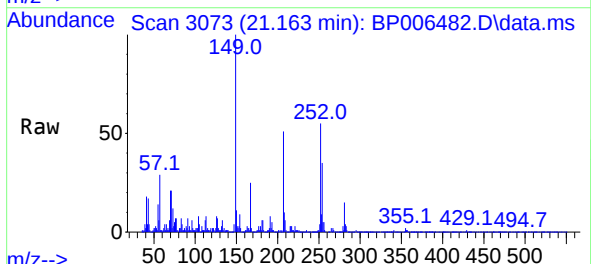
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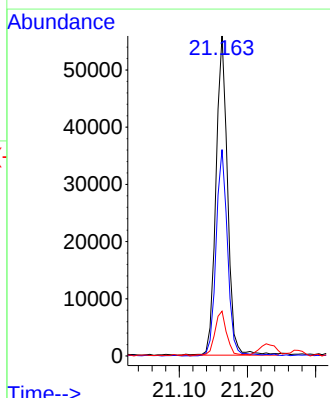
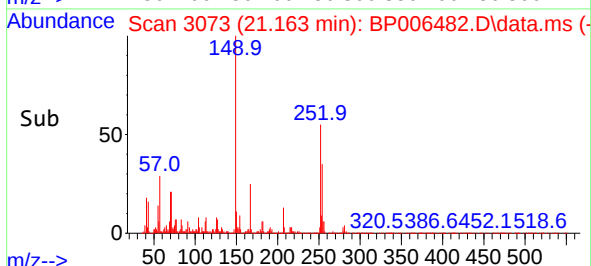
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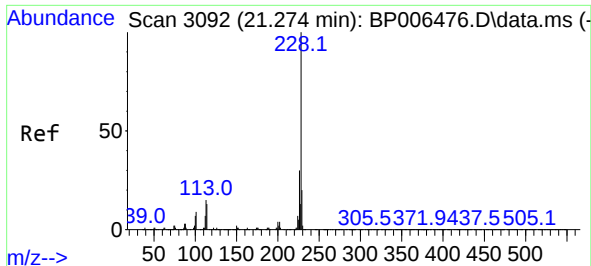


#82
3,3'-Dichlorobenzidine
Concen: 5.979 ng
RT: 21.163 min Scan# 3073
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion:252 Resp: 66254
Ion Ratio Lower Upper
252 100
254 64.5 50.6 76.0
126 14.0 7.0 10.6





#83
Chrysene
Concen: 5.342 ng
RT: 21.274 min Scan# 3092
Delta R.T. 0.000 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

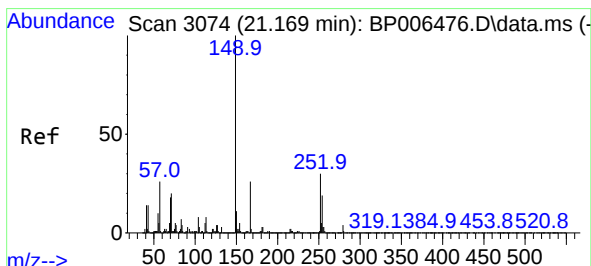
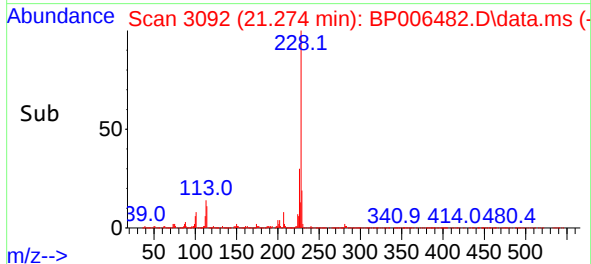
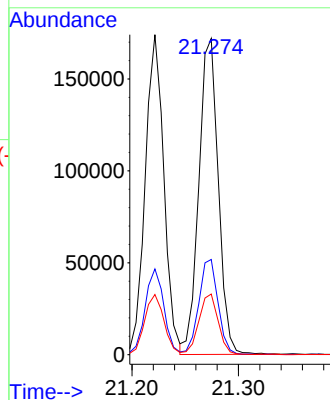
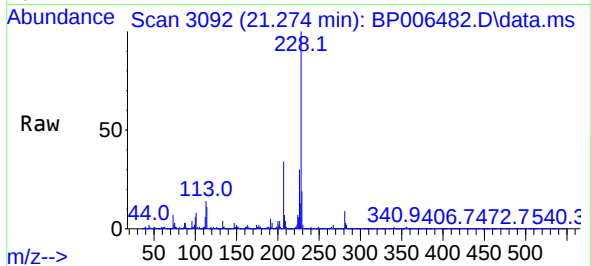
Tgt Ion:	228	Resp:	218593
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	19.2	15.4	23.2

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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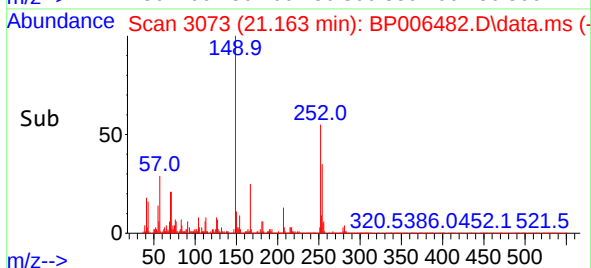
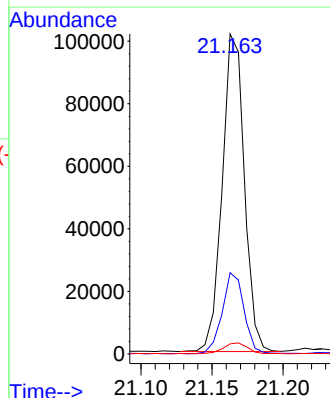
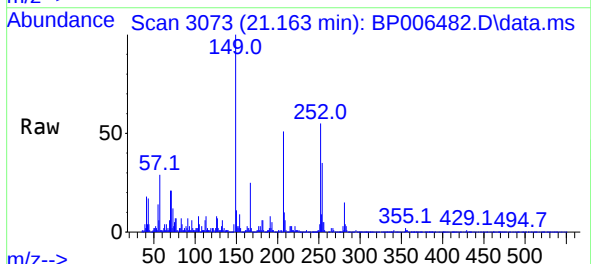
mohammad

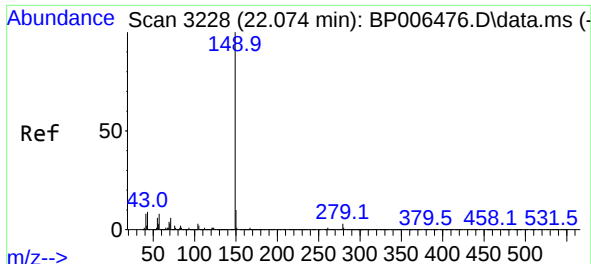
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.861 ng
RT: 21.163 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

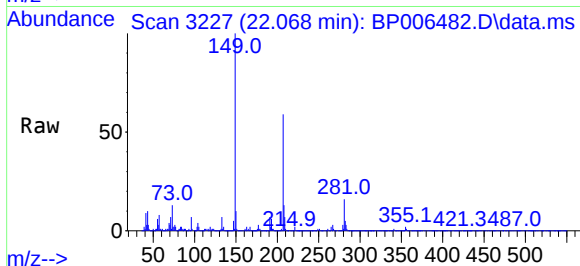
Tgt Ion:	149	Resp:	110057
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.9	32.9
279	3.2	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 3.734 ng
RT: 22.068 min Scan# 3227
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

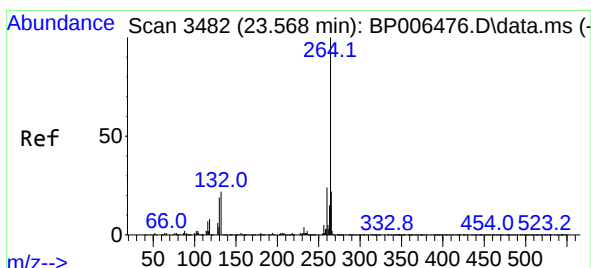
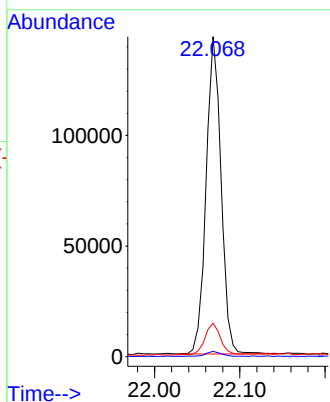
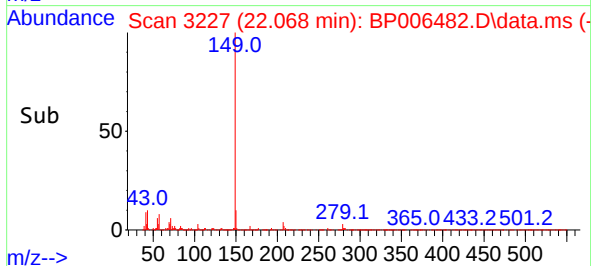


Tgt Ion:149 Resp: 175473
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.8 5.6 8.4#

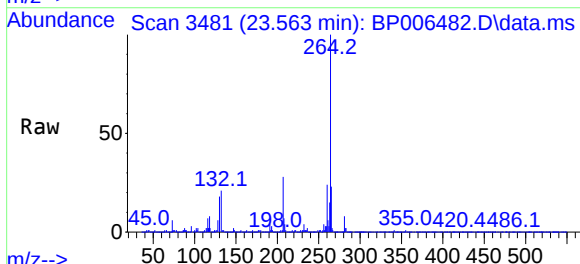
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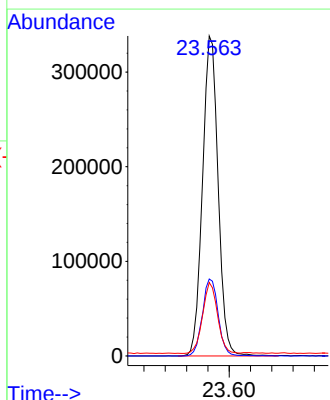
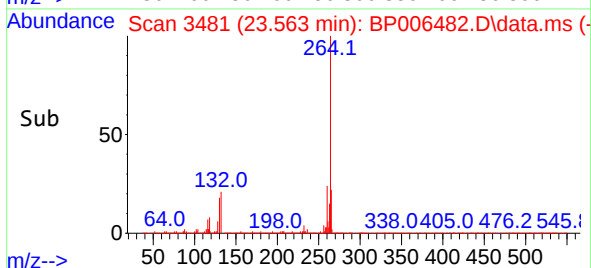
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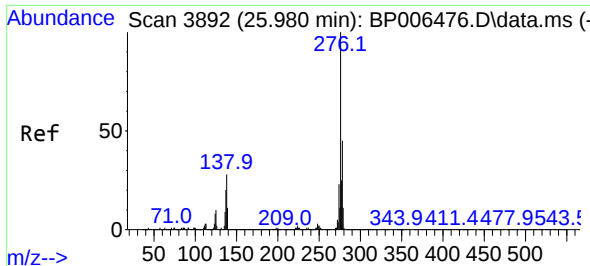


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.563 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34



Tgt Ion:264 Resp: 687610
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 23.0 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.143 ng
RT: 25.962 min Scan# 3889
Delta R.T. -0.018 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

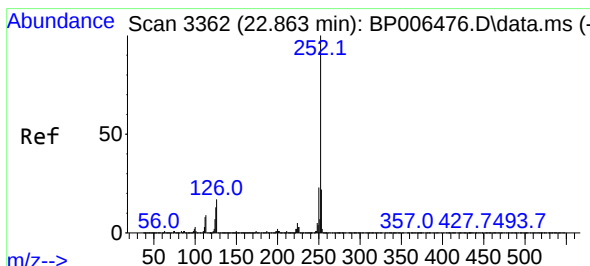
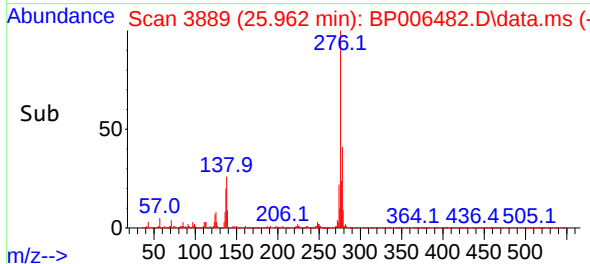
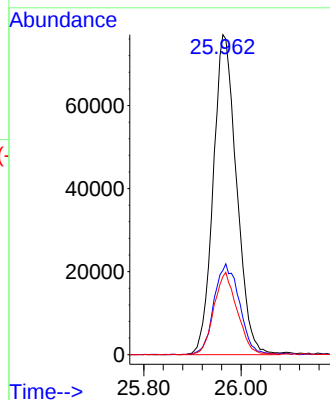
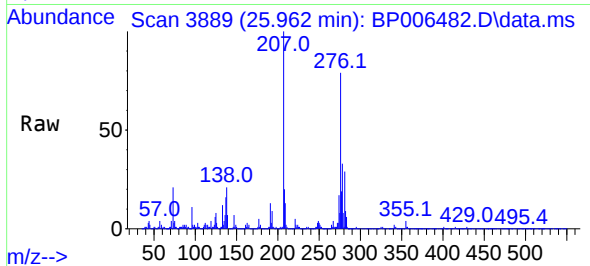
Tgt Ion: 276 Resp: 256404
Ion Ratio Lower Upper
276 100
138 30.6 15.3 22.9#
277 25.6 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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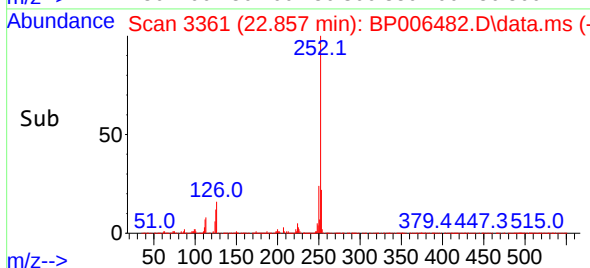
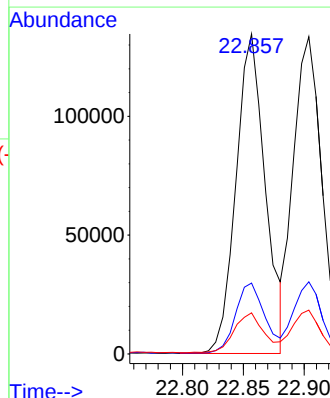
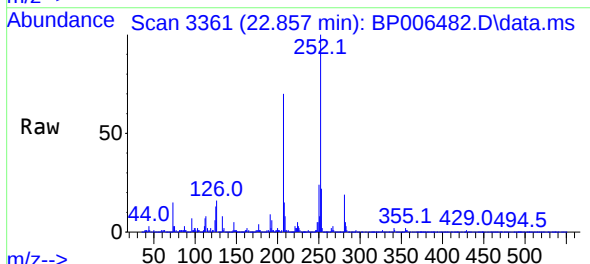
mohammad

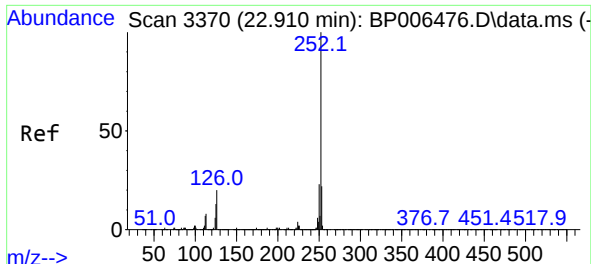
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#88
Benzo(b)fluoranthene
Concen: 5.027 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

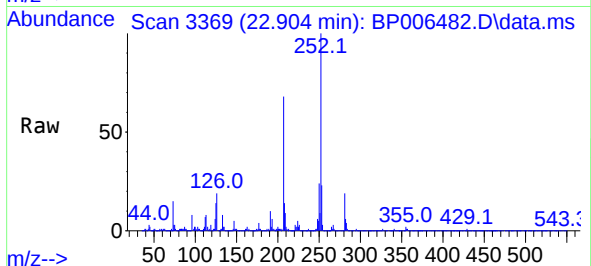
Tgt Ion: 252 Resp: 224671
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.8 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 5.079 ng
RT: 22.904 min Scan# 3369
Delta R.T. -0.006 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

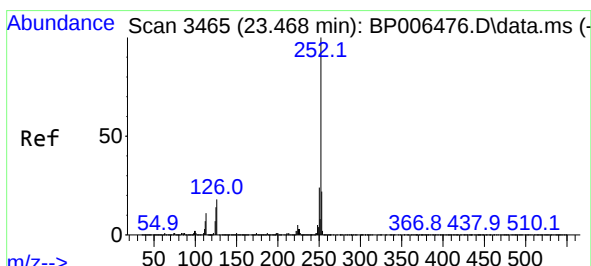
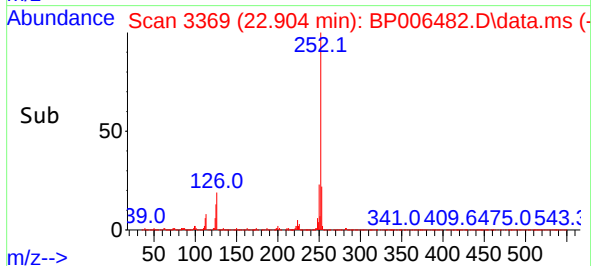
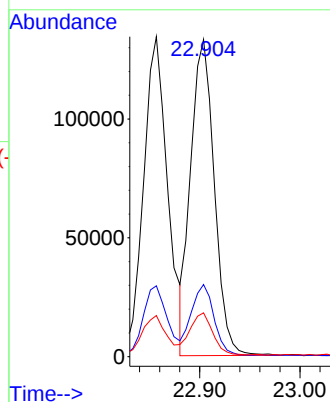


Tgt Ion:252 Resp: 217907
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.8 6.0 9.0#

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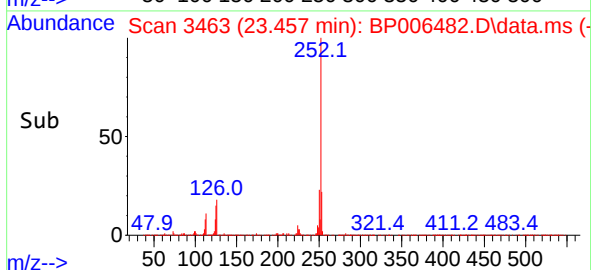
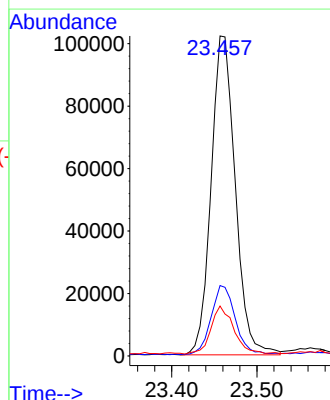
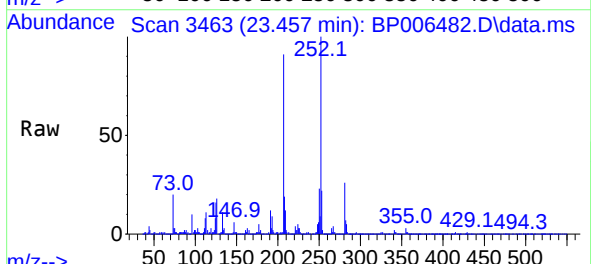
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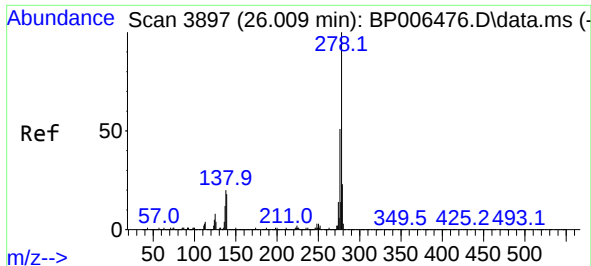
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#90
Benzo(a)pyrene
Concen: 5.033 ng
RT: 23.457 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

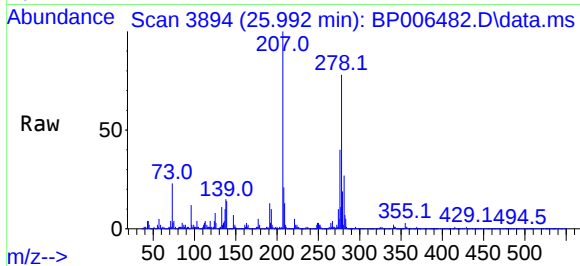
Tgt Ion:252 Resp: 201745
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.6 6.5 9.7#





#91
Dibenzo(a,h)anthracene
Concen: 5.226 ng
RT: 25.992 min Scan# 3894
Delta R.T. -0.018 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

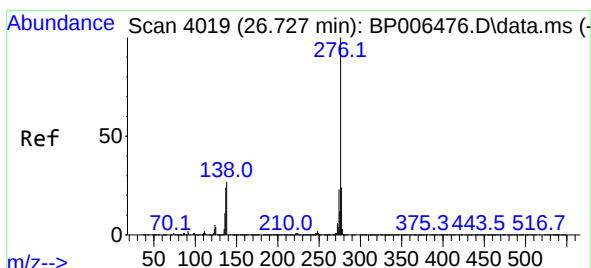
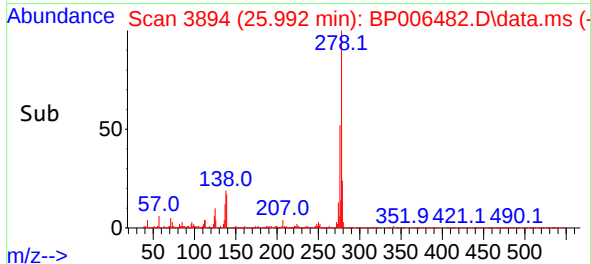
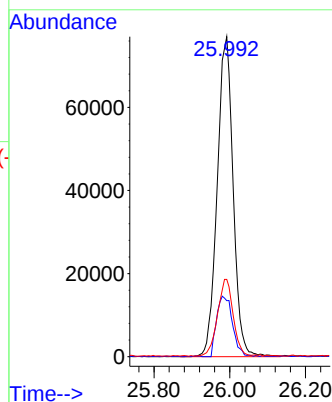


Tgt Ion:278 Resp: 225302
Ion Ratio Lower Upper
278 100
139 17.5 9.3 13.9#
279 24.2 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 5.274 ng
RT: 26.698 min Scan# 4014
Delta R.T. -0.029 min
Lab File: BP006482.D
Acq: 03 Aug 2021 17:34

Tgt Ion:276 Resp: 217860
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 24.7 12.6 18.8#

