

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
 Data File : BP007980.D
 Acq On : 15 Nov 2021 11:26
 Operator : CG/JU
 Sample : M4068-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 15 11:51:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 11:51:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	132853	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	485300	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	365438	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	832793	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	1012128	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1101601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1023280	124.949	ng	0.00
7) Phenol-d6	7.016	99	1373628	126.079	ng	0.00
23) Nitrobenzene-d5	8.998	82	806566	88.939	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	837313	145.627	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2140014	82.144	ng	0.00
79) Terphenyl-d14	19.804	244	3653129	73.187	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	13640	3.958	ng	96
3) Pyridine	3.746	79	29787	3.013	ng	97
4) n-Nitrosodimethylamine	3.646	42	15565	4.262	ng	# 97
6) Aniline	7.169	93	56639	4.604	ng	99
8) 2-Chlorophenol	7.404	128	37415	4.321	ng	97
9) Benzaldehyde	6.981	77	32717	4.656	ng	95
10) Phenol	7.040	94	43561	4.121	ng	85
11) bis(2-Chloroethyl)ether	7.263	93	34957	4.024	ng	94
12) 1,3-Dichlorobenzene	7.728	146	41947	4.308	ng	97
13) 1,4-Dichlorobenzene	7.875	146	43666	4.411	ng	98
14) 1,2-Dichlorobenzene	8.193	146	41212	4.123	ng	97
15) Benzyl Alcohol	8.081	79	32153	3.902	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	41754	3.977	ng	93
17) 2-Methylphenol	8.287	107	29570	4.062	ng	96
18) Hexachloroethane	8.916	117	13700	4.081	ng	90
19) n-Nitroso-di-n-propyla...	8.645	70	27075	3.992	ng	96
20) 3+4-Methylphenols	8.616	107	38112	3.778	ng	97
22) Acetophenone	8.663	105	52112	4.222	ng	# 98
24) Nitrobenzene	9.040	77	43176	4.982	ng	99
25) Isophorone	9.569	82	68331	4.332	ng	97
26) 2-Nitrophenol	9.751	139	16553	3.741	ng	# 89
27) 2,4-Dimethylphenol	9.822	122	31201	4.774	ng	95
28) bis(2-Chloroethoxy)met...	10.051	93	44093	4.213	ng	99
29) 2,4-Dichlorophenol	10.292	162	32542	4.045	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	39562	4.297	ng	100
31) Naphthalene	10.687	128	109457	4.417	ng	98
32) Benzoic acid	9.904	122	7563	1.339	ng	96
33) 4-Chloroaniline	10.804	127	46443	4.363	ng	97
34) Hexachlorobutadiene	10.981	225	27694	4.403	ng	97
35) Caprolactam	11.581	113	9469	5.359	ng	# 80
36) 4-Chloro-3-methylphenol	11.934	107	35353	3.889	ng	95
37) 2-Methylnaphthalene	12.298	142	84824	4.684	ng	98
38) 1-Methylnaphthalene	12.522	142	78527	4.446	ng	94
40) 1,2,4,5-Tetrachloroben...	12.669	216	48660	3.996	ng	98
41) Hexachlorocyclopentadiene	12.651	237	17201	3.077	ng	91
43) 2,4,6-Trichlorophenol	12.916	196	29323	3.524	ng	95

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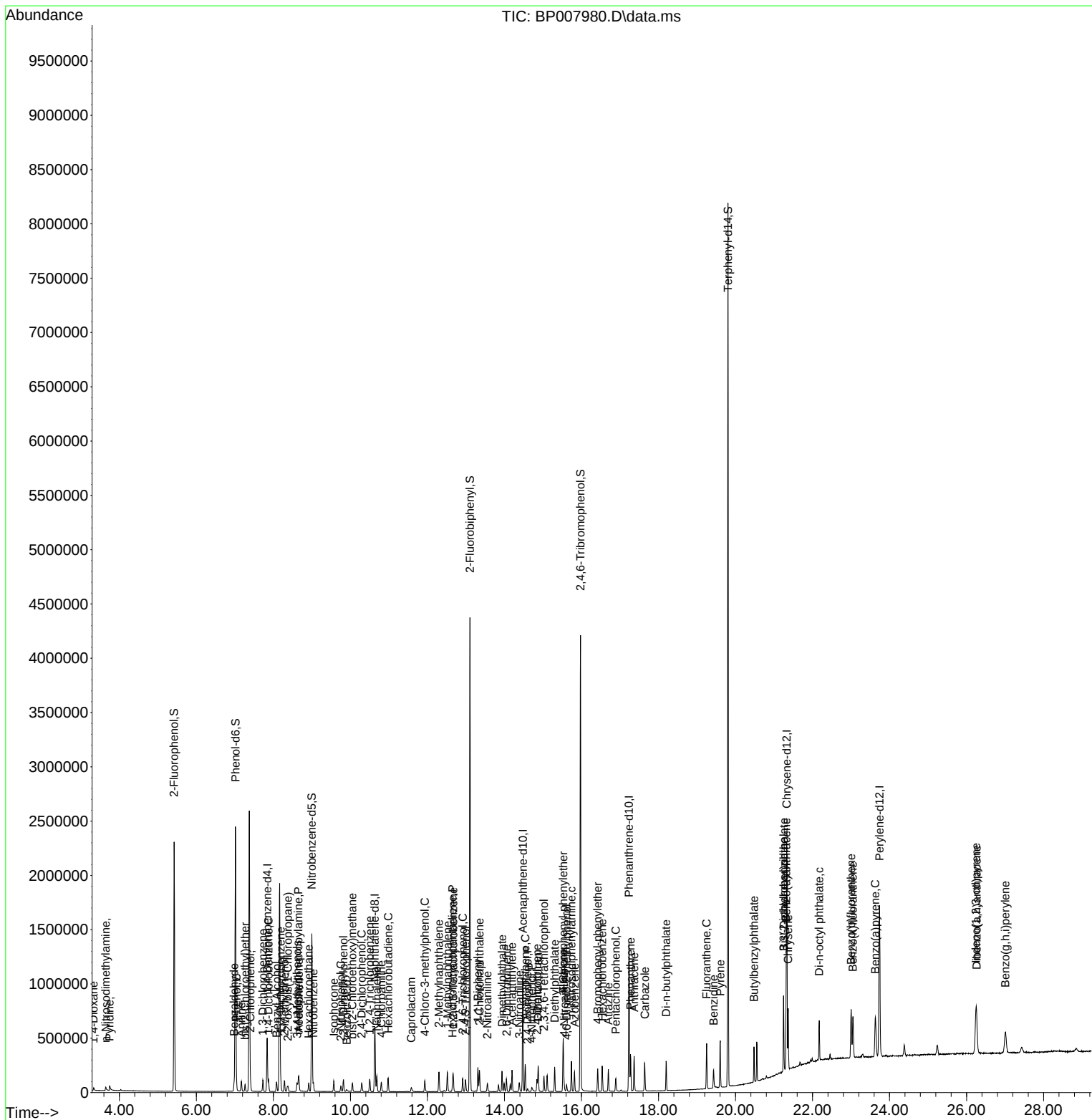
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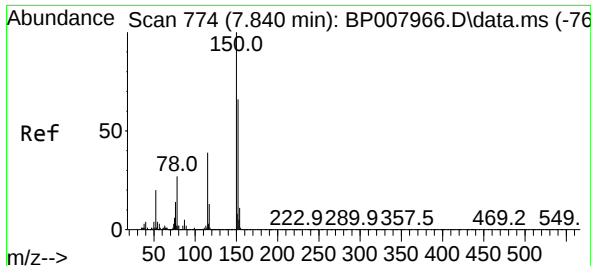
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	32536	3.599	ng	98
46) 1,1'-Biphenyl	13.310	154	112217	4.111	ng	97
47) 2-Chloronaphthalene	13.351	162	89514	4.192	ng	99
48) 2-Nitroaniline	13.557	65	21027	3.470	ng	95
49) Acenaphthylene	14.198	152	134814	4.151	ng	97
50) Dimethylphthalate	13.939	163	119693	4.140	ng	98
51) 2,6-Dinitrotoluene	14.057	165	23923	3.983	ng	92
52) Acenaphthene	14.539	154	85173	4.381	ng	99
53) 3-Nitroaniline	14.386	138	22392	3.656	ng	94
54) 2,4-Dinitrophenol	14.598	184	7656	2.112	ng	87
55) Dibenzofuran	14.875	168	145579	4.403	ng	95
56) 4-Nitrophenol	14.710	139	15442	3.094	ng	94
57) 2,4-Dinitrotoluene	14.845	165	30447	3.808	ng	# 99
58) Fluorene	15.527	166	115619	4.395	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.027	232	30439	3.697	ng	99
60) Diethylphthalate	15.304	149	118855	4.265	ng	98
61) 4-Chlorophenyl-phenyle...	15.527	204	63796	4.484	ng	97
62) 4-Nitroaniline	15.551	138	21770	3.459	ng	94
63) Azobenzene	15.822	77	96044	4.094	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	15092	2.765	ng	96
66) n-Nitrosodiphenylamine	15.739	169	101879	4.274	ng	97
67) 4-Bromophenyl-phenylether	16.422	248	40160	4.123	ng	95
68) Hexachlorobenzene	16.539	284	48287	4.402	ng	95
69) Atrazine	16.698	200	38176	6.143	ng	99
70) Pentachlorophenol	16.892	266	22631	3.383	ng	94
71) Phenanthrene	17.274	178	197075	4.442	ng	99
72) Anthracene	17.369	178	193300	4.444	ng	99
73) Carbazole	17.645	167	170344	3.977	ng	99
74) Di-n-butylphthalate	18.198	149	191860	3.958	ng	99
75) Fluoranthene	19.251	202	243950	4.343	ng	97
77) Benzidine	19.433	184	108566	6.991	ng	98
78) Pyrene	19.604	202	261013	4.312	ng	99
80) Butylbenzylphthalate	20.480	149	87813	3.514	ng	97
81) Benzo(a)anthracene	21.315	228	277978	4.172	ng	99
82) 3,3'-Dichlorobenzidine	21.251	252	96508	3.138	ng	99
83) Chrysene	21.368	228	281220	4.403	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	139554	3.911	ng	# 97
85) Di-n-octyl phthalate	22.174	149	240779	3.662	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	324316	4.078	ng	# 94
88) Benzo(b)fluoranthene	23.003	252	299550	4.568	ng	98
89) Benzo(k)fluoranthene	23.051	252	287001	4.381	ng	98
90) Benzo(a)pyrene	23.627	252	276818	4.936	ng	# 97
91) Dibenzo(a,h)anthracene	26.262	278	275093	4.169	ng	97
92) Benzo(g,h,i)perylene	27.009	276	273062	4.199	ng	94

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

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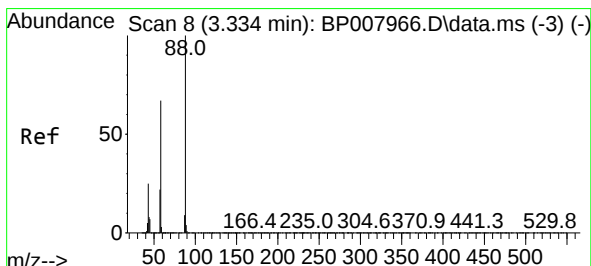
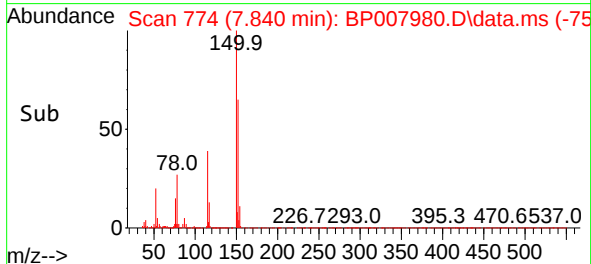
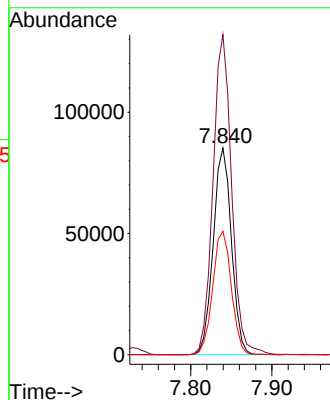
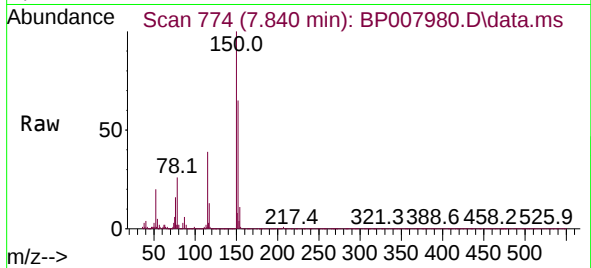




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP007980.D
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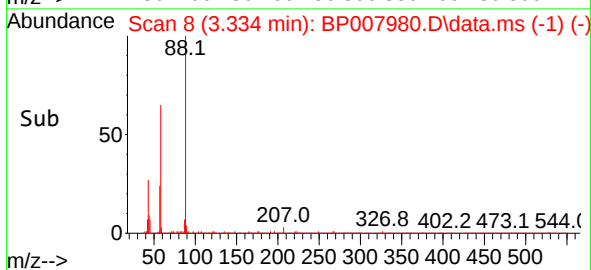
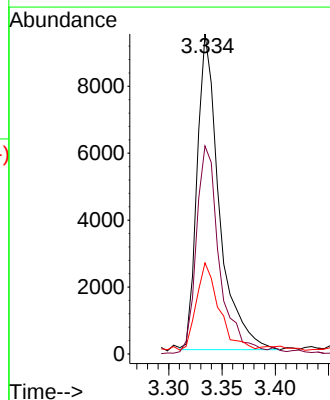
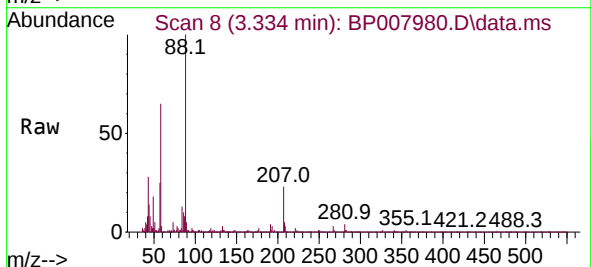
Instrument :
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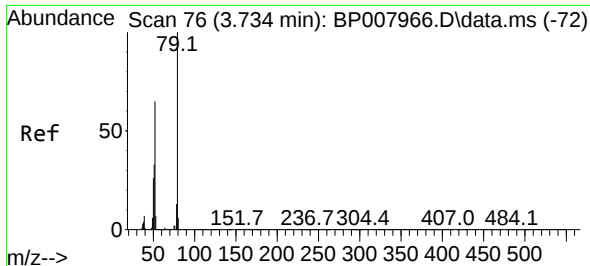
Tgt Ion:152 Resp: 132853
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 59.7 48.1 72.1



#2
1,4-Dioxane
Concen: 3.958 ng
RT: 3.334 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 88 Resp: 13640
Ion Ratio Lower Upper
88 100
58 68.9 58.1 87.1
43 28.4 22.2 33.4

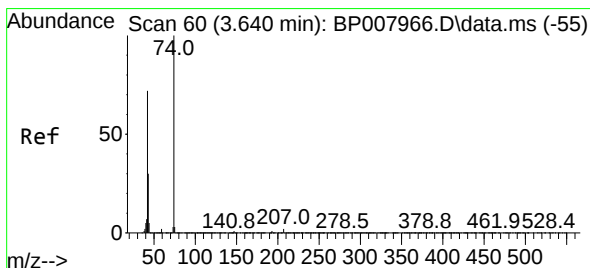
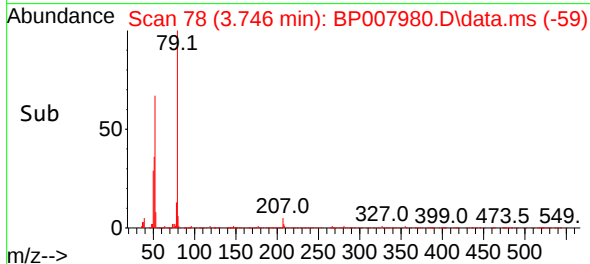
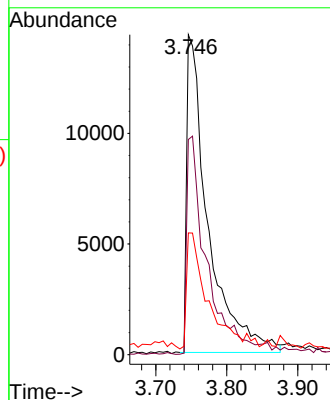
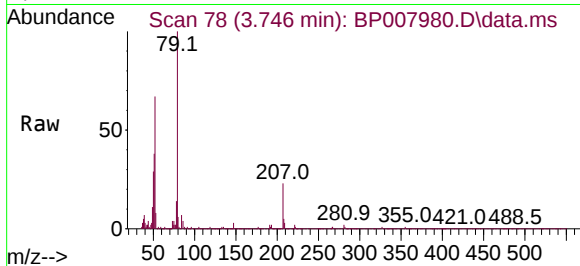




#3
Pyridine
Concen: 3.013 ng
RT: 3.746 min Scan# 71
Delta R.T. 0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

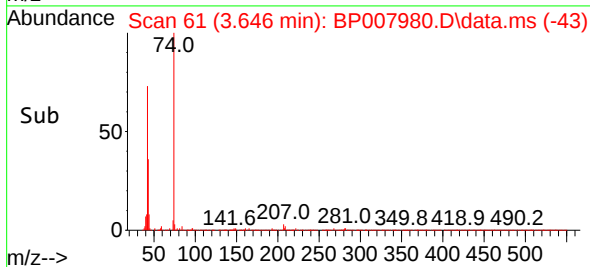
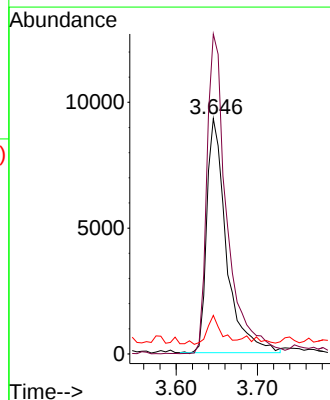
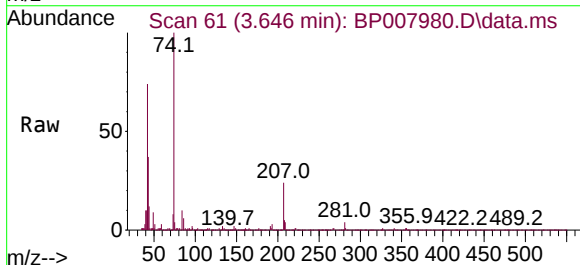
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

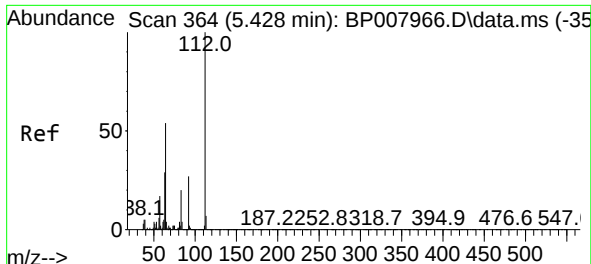
Tgt Ion: 79 Resp: 29787
Ion Ratio Lower Upper
79 100
52 67.3 55.7 83.5
51 38.1 28.5 42.7



#4
n-Nitrosodimethylamine
Concen: 4.262 ng
RT: 3.646 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 42 Resp: 15565
Ion Ratio Lower Upper
42 100
74 136.0 107.0 160.4
44 16.4 7.4 11.2

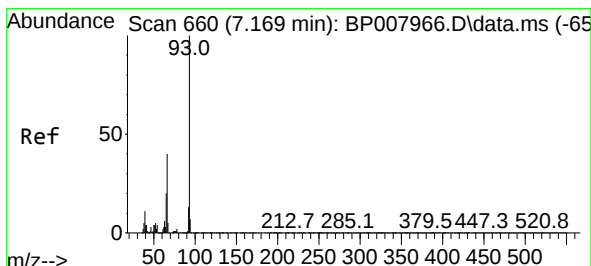
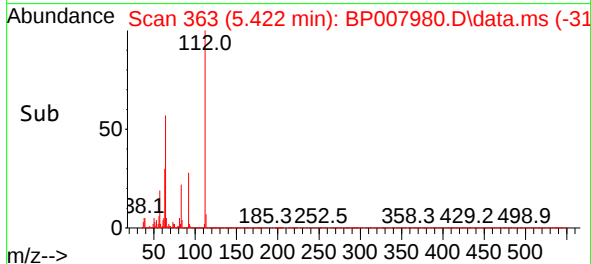
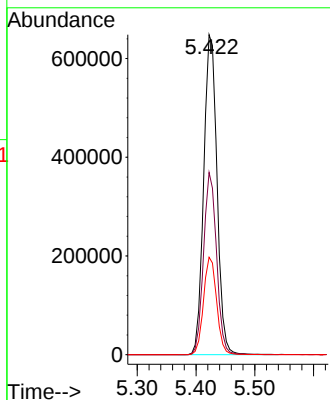
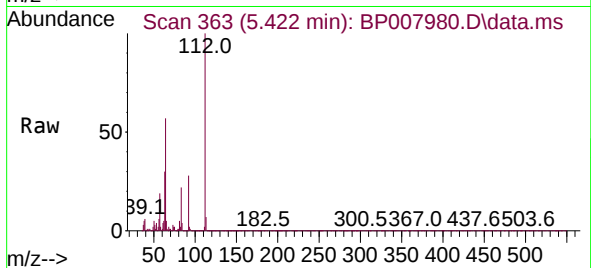




#5
2-Fluorophenol
Concen: 124.949 ng
RT: 5.422 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

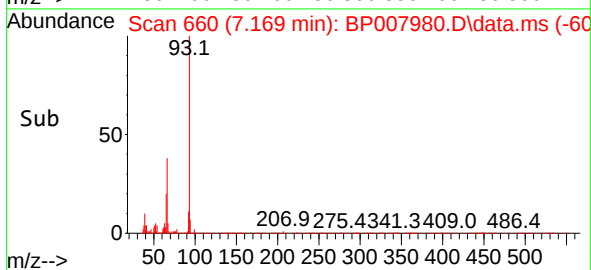
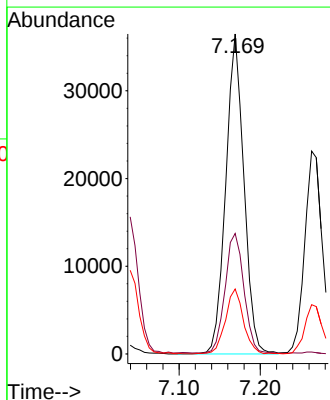
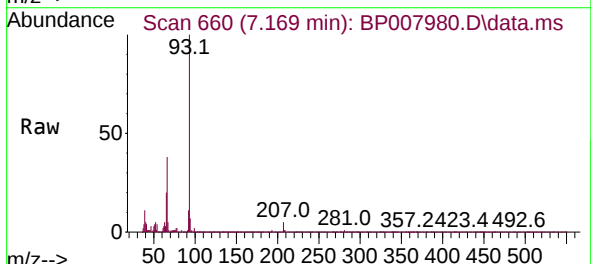
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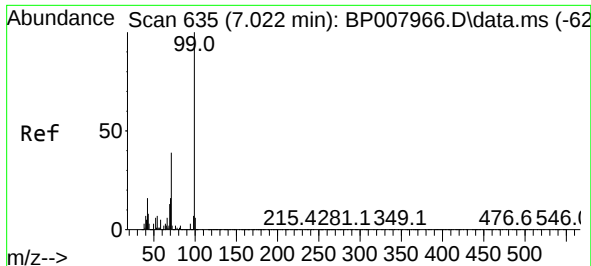
Tgt Ion:112 Resp: 1023280
Ion Ratio Lower Upper
112 100
64 56.9 46.6 70.0
63 30.5 25.0 37.6



#6
Aniline
Concen: 4.604 ng
RT: 7.169 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 93 Resp: 56639
Ion Ratio Lower Upper
93 100
66 37.7 30.5 45.7
65 20.3 15.8 23.8

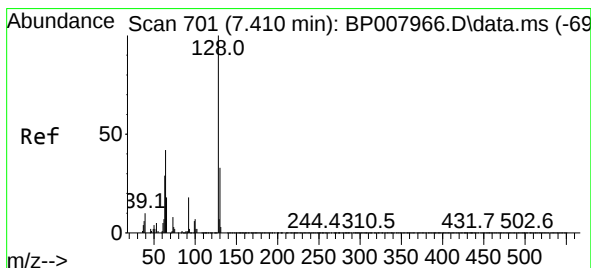
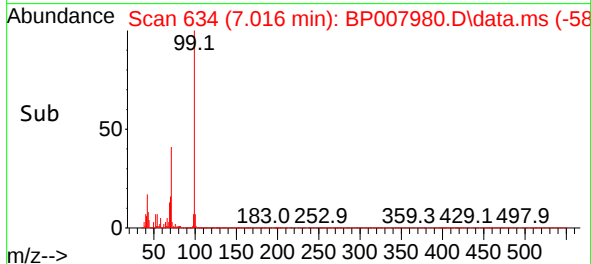
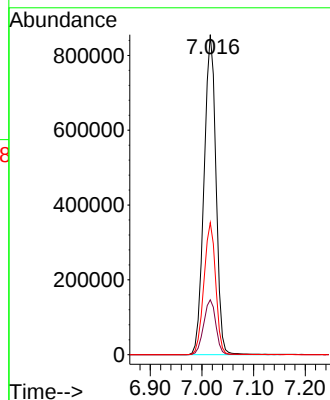
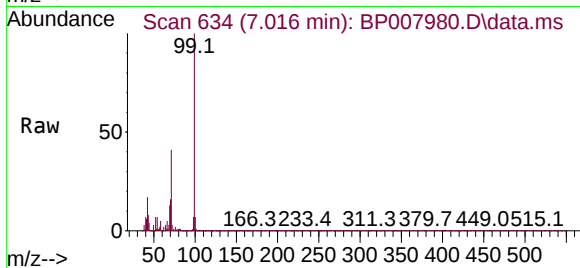




#7
Phenol-d6
Concen: 126.079 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

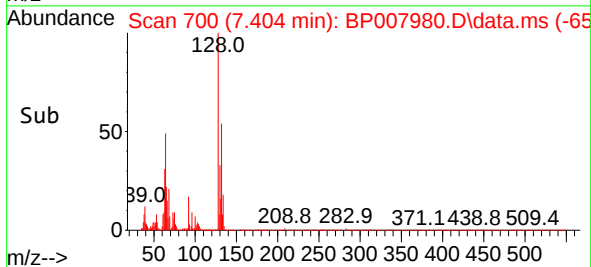
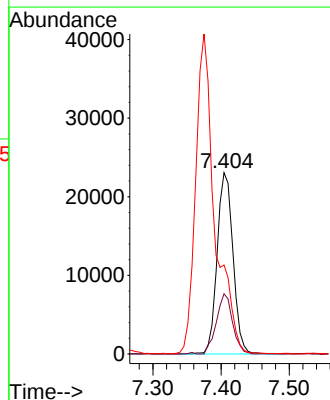
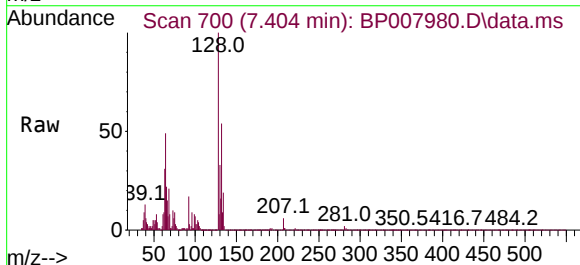
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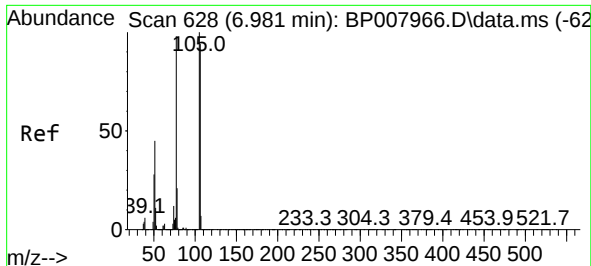
Tgt Ion: 99 Resp: 1373628
Ion Ratio Lower Upper
99 100
42 17.1 14.9 22.3
71 41.3 29.2 43.8



#8
2-Chlorophenol
Concen: 4.321 ng
RT: 7.404 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:128 Resp: 37415
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 49.1 27.0 67.0

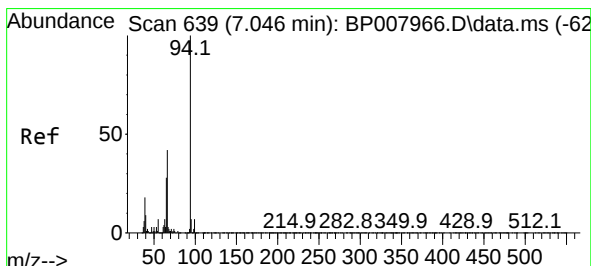
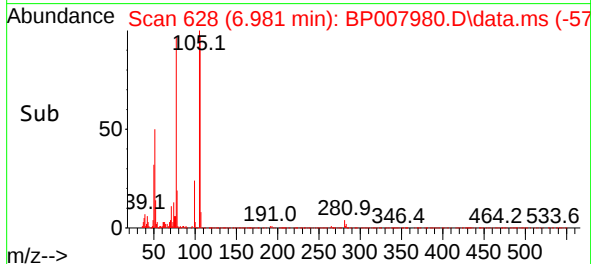
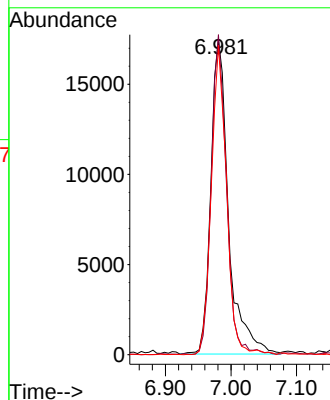
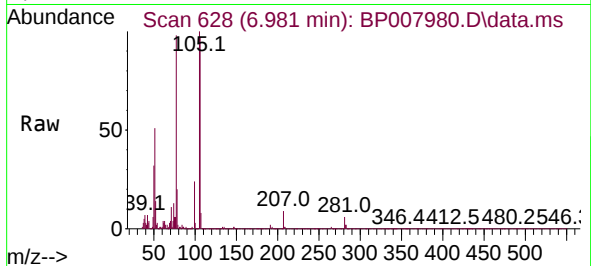




#9
Benzaldehyde
Concen: 4.656 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

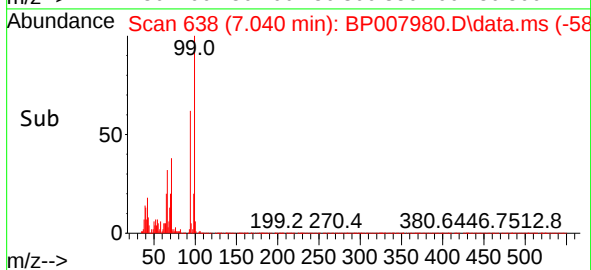
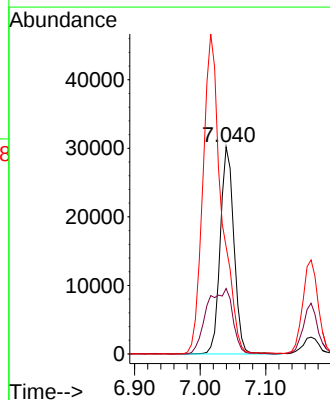
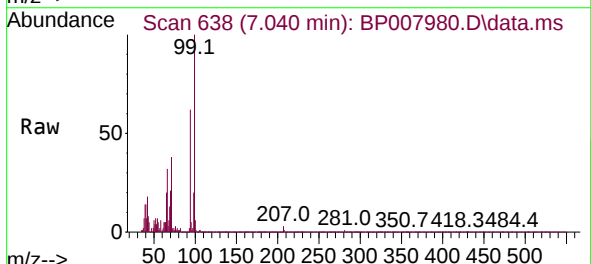
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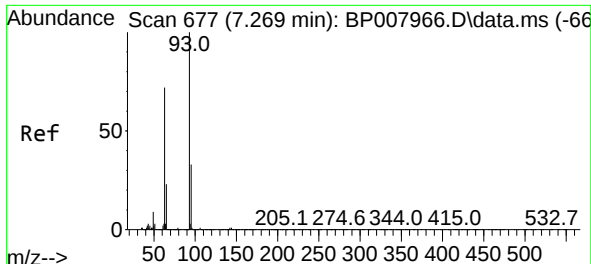
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Ion Ratio Lower Upper
77 100
105 101.6 77.5 117.5
106 98.2 72.1 112.1



#10
Phenol
Concen: 4.121 ng
RT: 7.040 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 94 Resp: 43561
Ion Ratio Lower Upper
94 100
65 31.6 8.2 48.2
66 51.8 18.8 58.8





#11

bis(2-Chloroethyl)ether

Concen: 4.024 ng

RT: 7.263 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

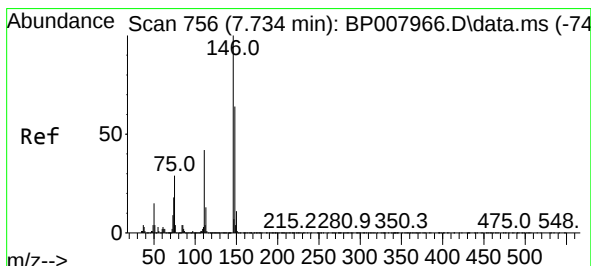
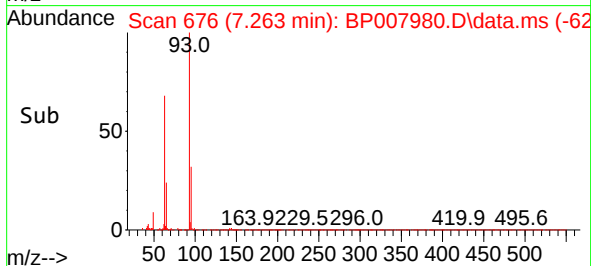
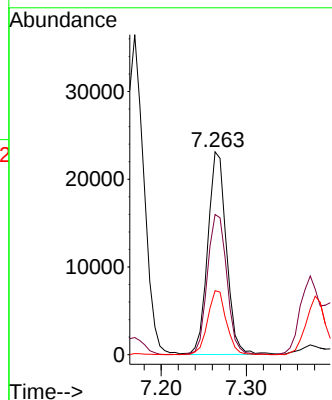
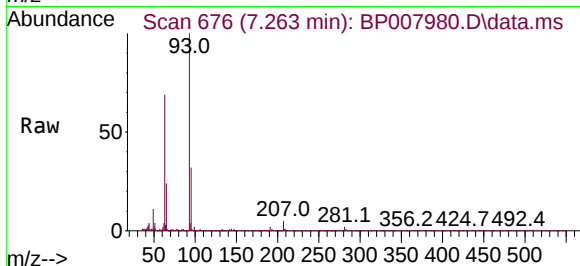
Tgt Ion: 93 Resp: 34957

Ion Ratio Lower Upper

93 100

63 69.1 55.7 95.7

95 31.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 4.308 ng

RT: 7.728 min Scan# 755

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

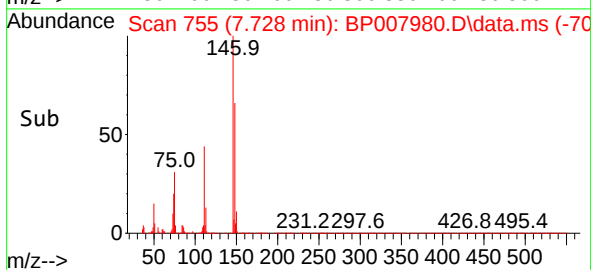
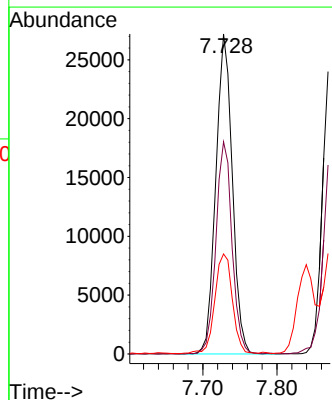
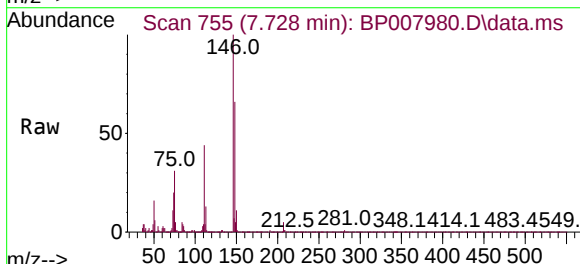
Tgt Ion:146 Resp: 41947

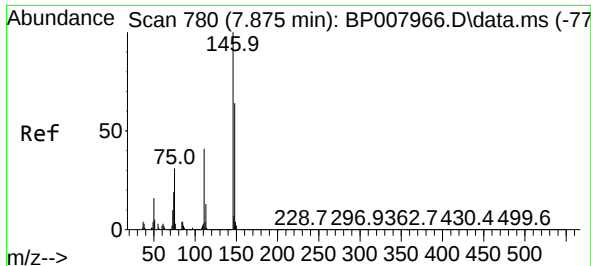
Ion Ratio Lower Upper

146 100

148 66.3 51.4 77.0

75 31.2 26.1 39.1

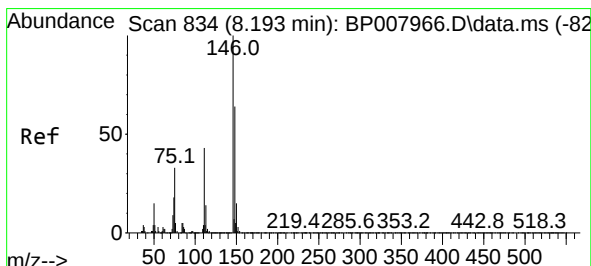
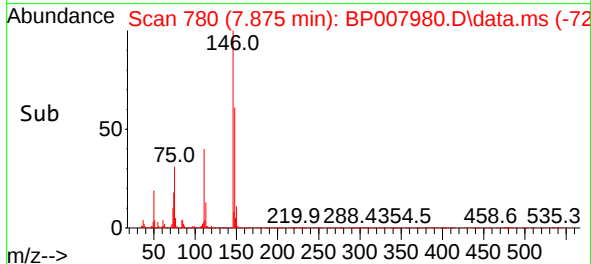
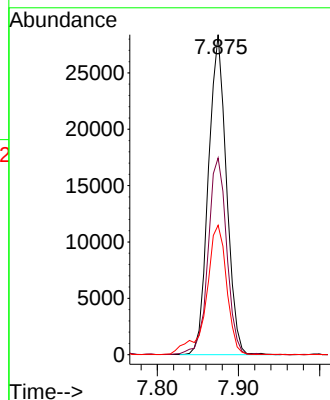
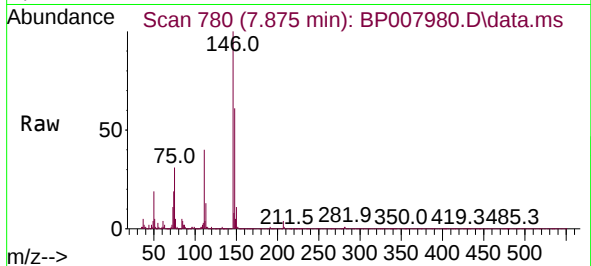




#13
1,4-Dichlorobenzene
Concen: 4.411 ng
RT: 7.875 min Scan# 780
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

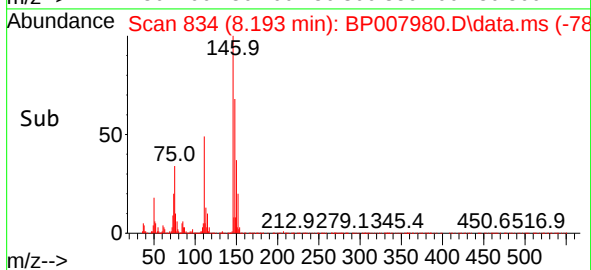
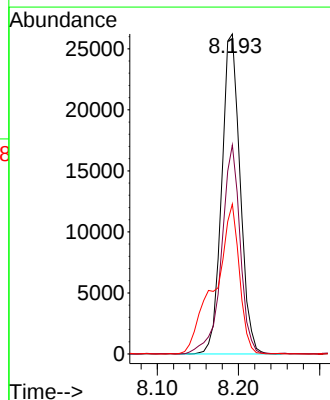
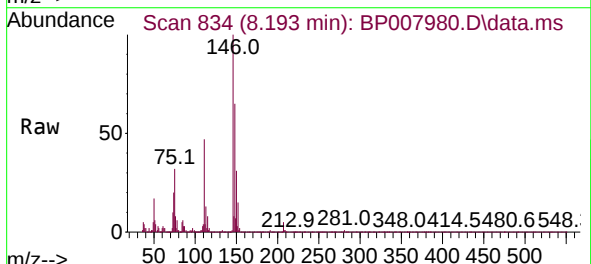
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

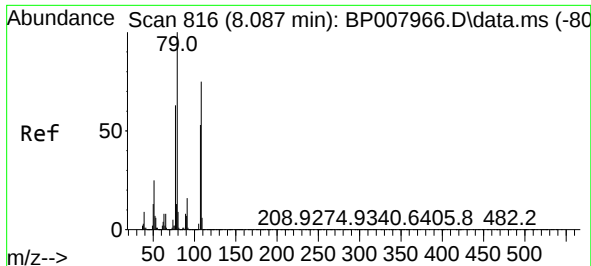
Tgt Ion:146 Resp: 43666
Ion Ratio Lower Upper
146 100
148 61.5 51.0 76.6
111 40.5 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 4.123 ng
RT: 8.193 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:146 Resp: 41212
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 46.9 35.1 52.7

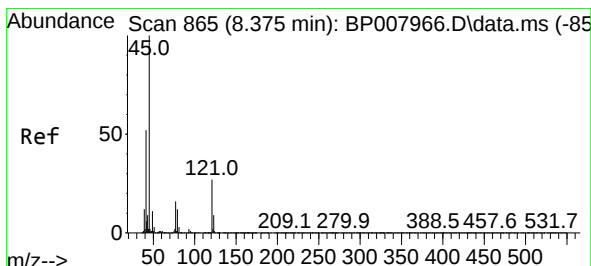
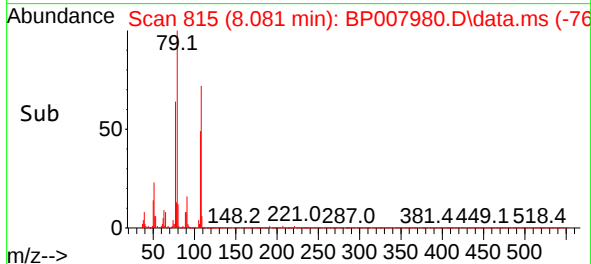
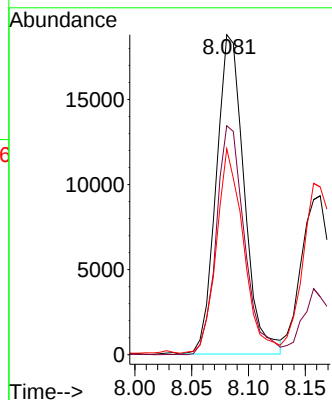
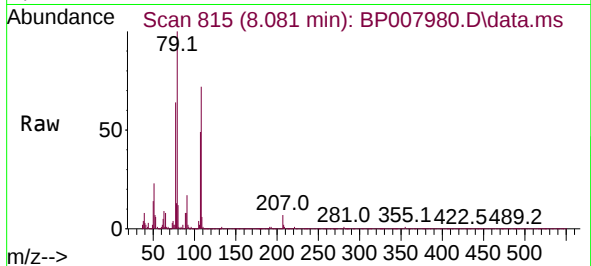




#15
Benzyl Alcohol
Concen: 3.902 ng
RT: 8.081 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

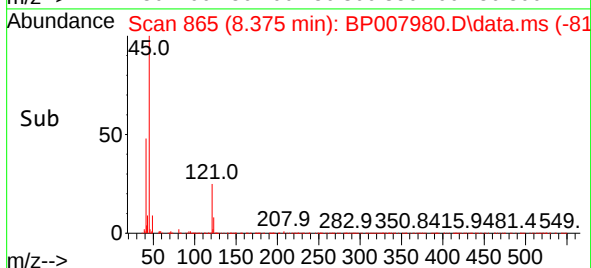
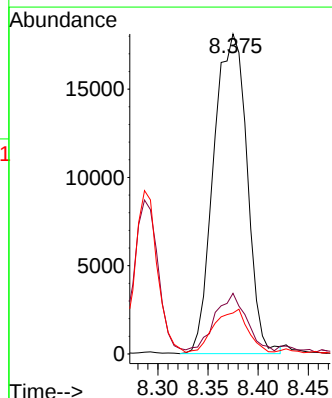
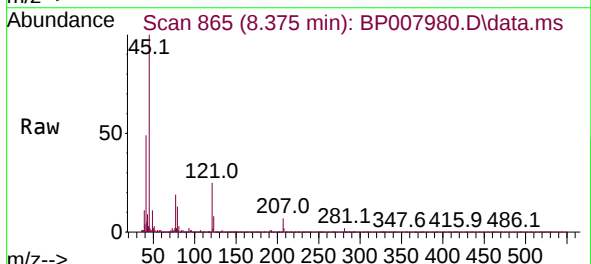
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

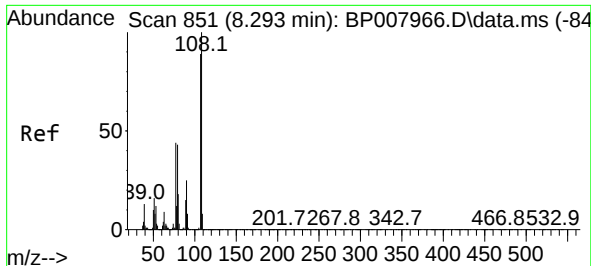
Tgt Ion: 79 Resp: 32153
Ion Ratio Lower Upper
79 100
108 71.6 59.9 89.9
77 64.4 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.977 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 45 Resp: 41754
Ion Ratio Lower Upper
45 100
77 18.9 0.0 34.9
79 12.8 0.0 31.7

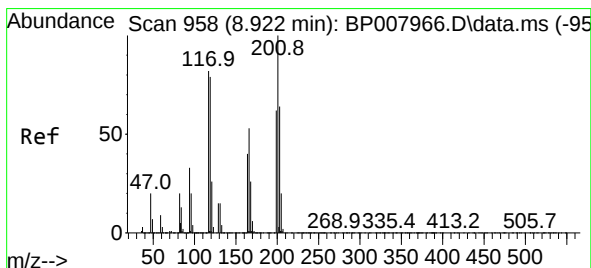
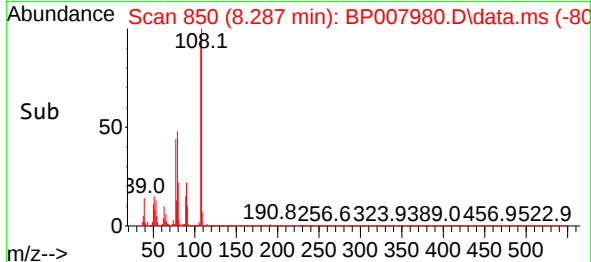
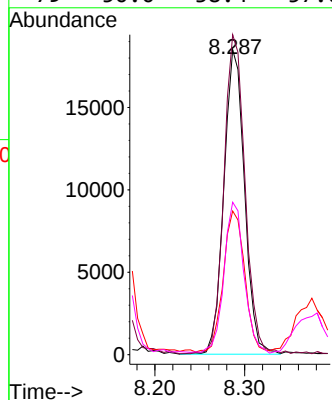
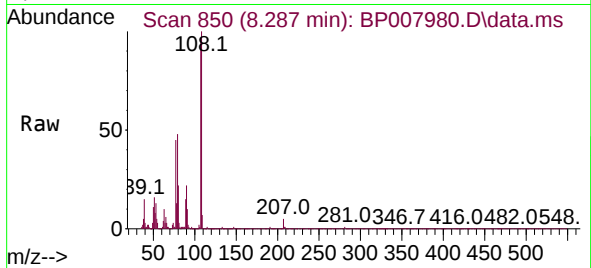




#17
2-Methylphenol
Concen: 4.062 ng
RT: 8.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

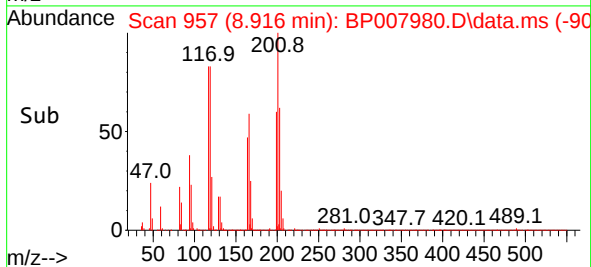
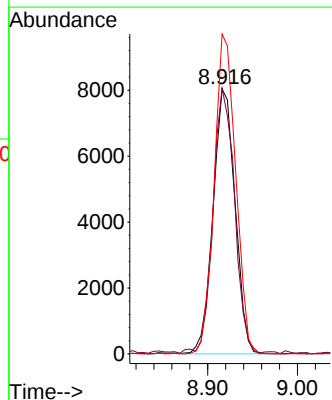
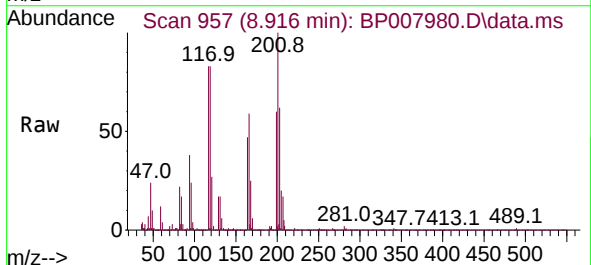
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

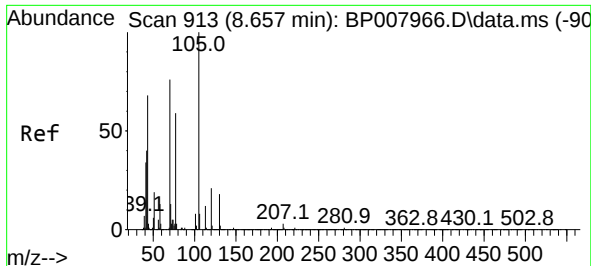
Tgt Ion:	107	Resp:	29570
Ion	Ratio	Lower	Upper
107	100		
108	104.9	89.2	133.8
77	47.1	38.5	57.7
79	50.0	38.4	57.6



#18
Hexachloroethane
Concen: 4.081 ng
RT: 8.916 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:	117	Resp:	13700
Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.6	116.4
201	120.8	82.9	124.3

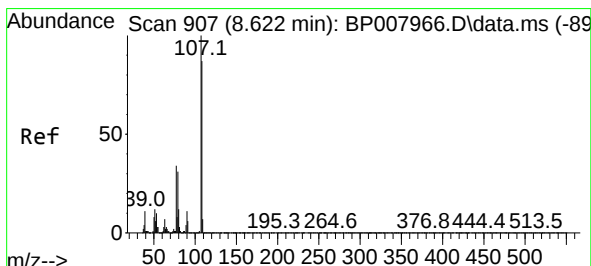
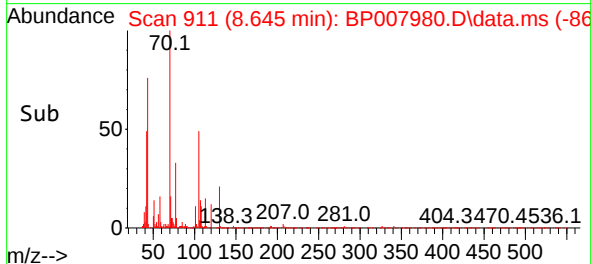
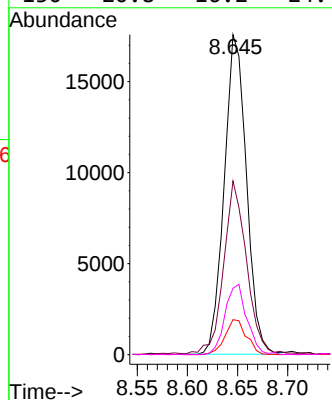
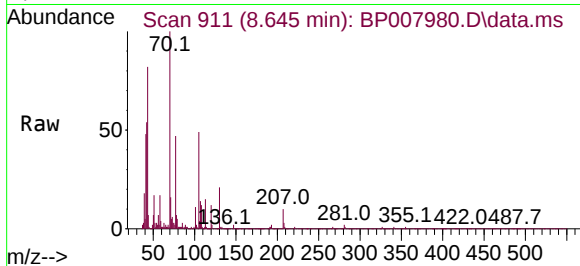




#19
n-Nitroso-di-n-propylamine
Concen: 3.992 ng
RT: 8.645 min Scan# 911
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

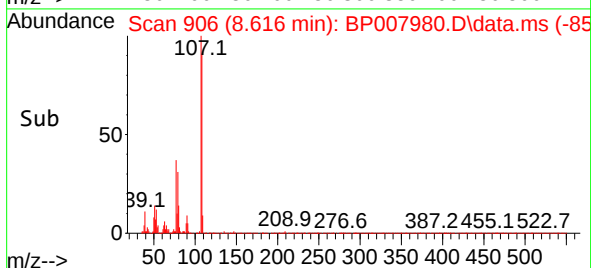
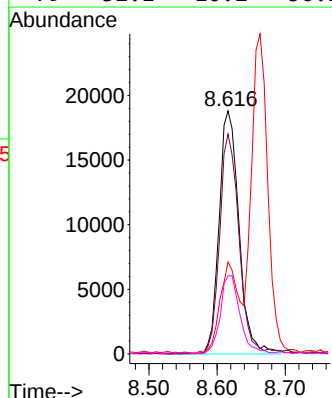
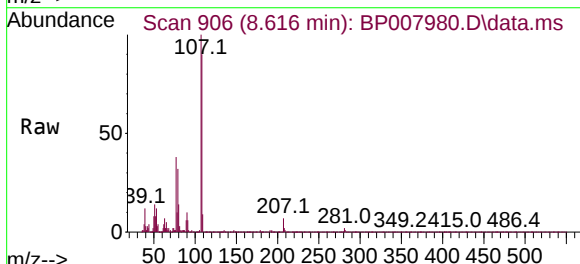
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

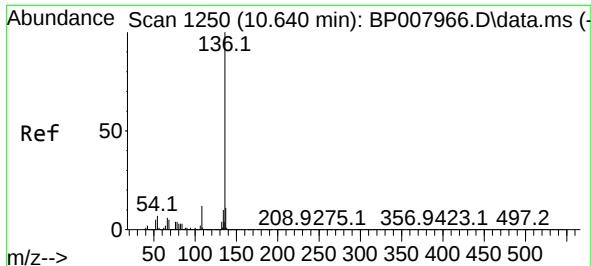
Tgt Ion:	70	Resp:	27075
Ion	Ratio	Lower	Upper
70	100		
42	54.2	46.2	69.2
101	10.9	7.7	11.5
130	20.8	16.2	24.4



#20
3+4-Methylphenols
Concen: 3.778 ng
RT: 8.616 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:	107	Resp:	38112
Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.2	109.2
77	37.8	13.8	53.8
79	32.1	10.2	50.2

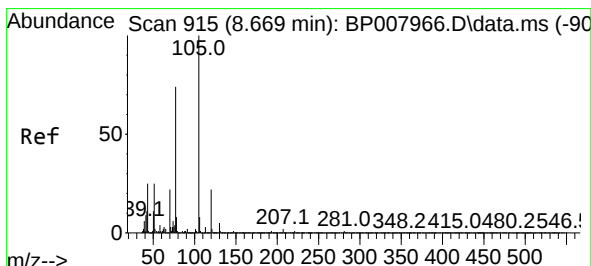
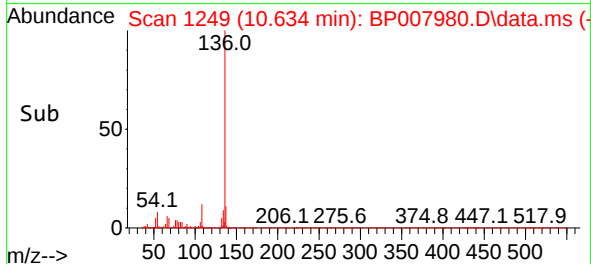
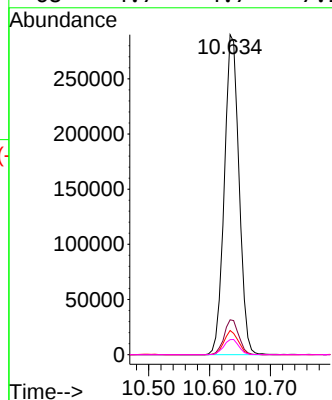
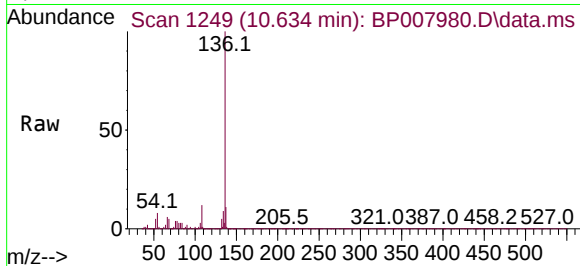




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

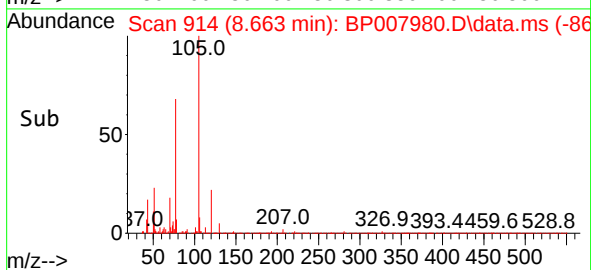
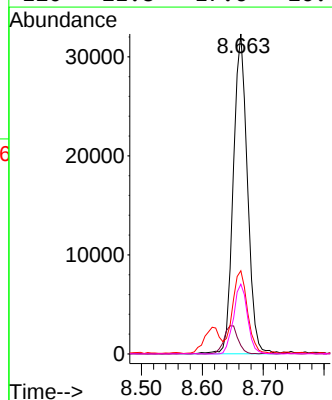
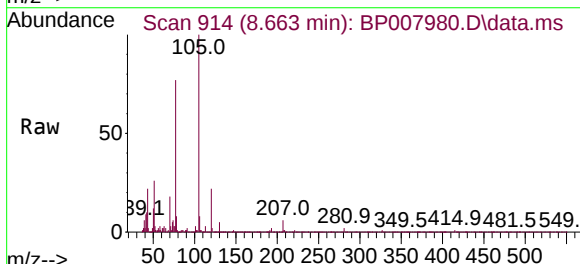
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

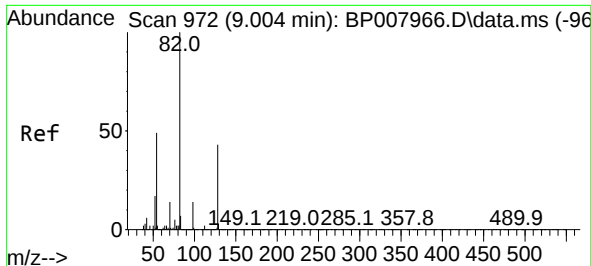
Tgt Ion:136 Resp: 485300
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 6.2 9.4
68 4.7 4.7 7.1#



#22
Acetophenone
Concen: 4.222 ng
RT: 8.663 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:105 Resp: 52112
Ion Ratio Lower Upper
105 100
71 2.6 4.5 6.7#
51 26.0 21.8 32.8
120 21.8 17.6 26.4

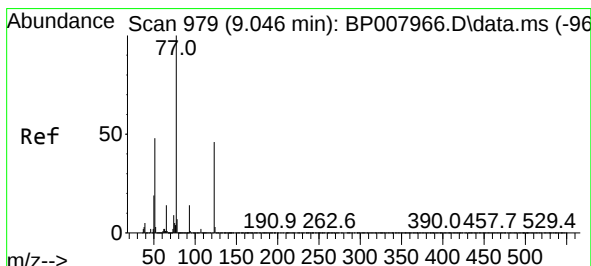
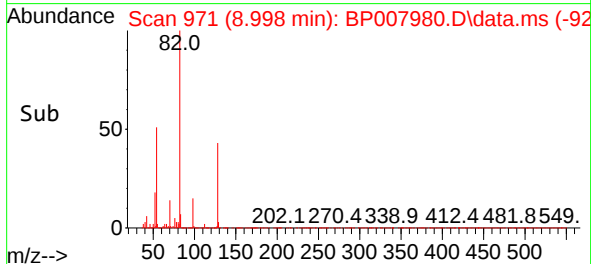
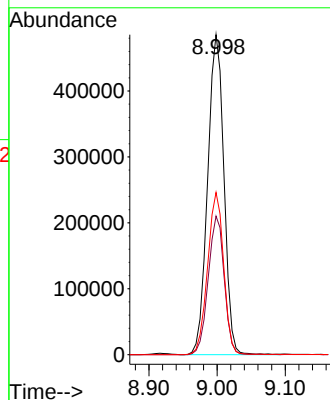
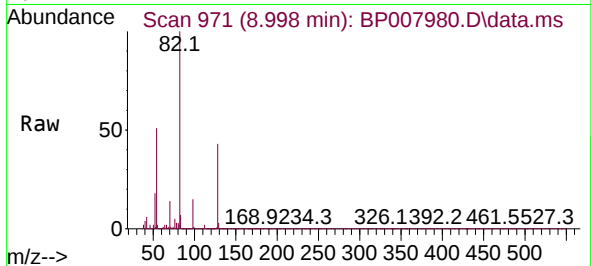




#23
Nitrobenzene-d5
Concen: 88.939 ng
RT: 8.998 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

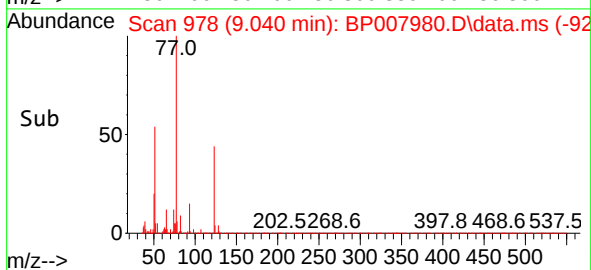
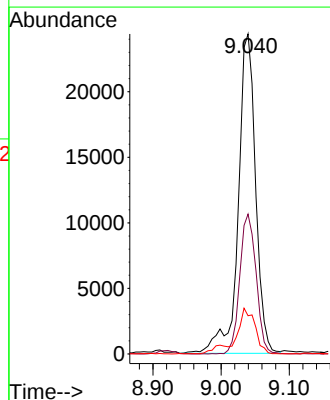
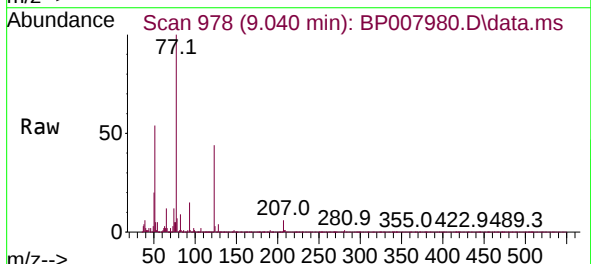
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

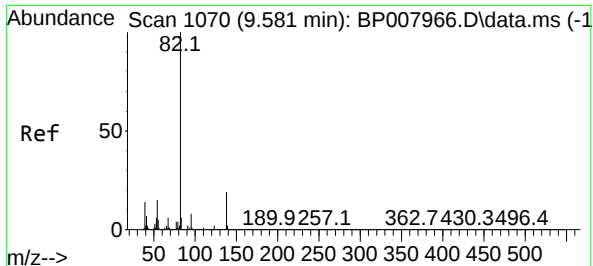
Tgt Ion: 82 Resp: 806566
Ion Ratio Lower Upper
82 100
128 43.3 32.6 48.8
54 50.7 40.4 60.6



#24
Nitrobenzene
Concen: 4.982 ng
RT: 9.040 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 77 Resp: 43176
Ion Ratio Lower Upper
77 100
123 43.7 35.3 52.9
65 12.0 10.9 16.3

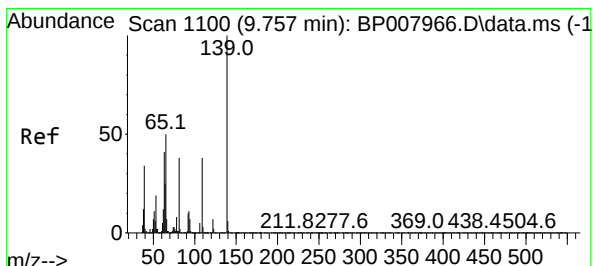
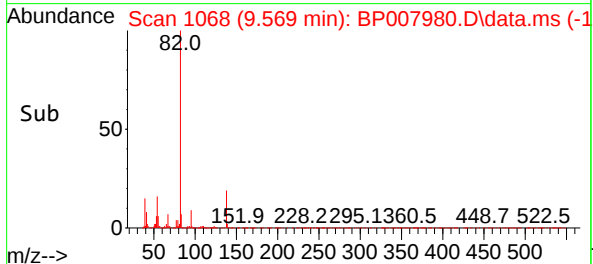
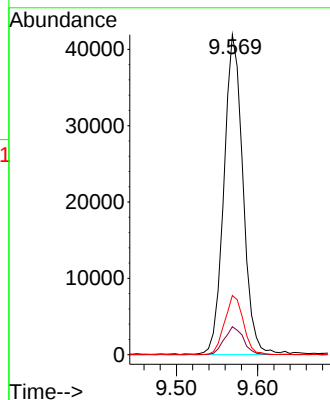
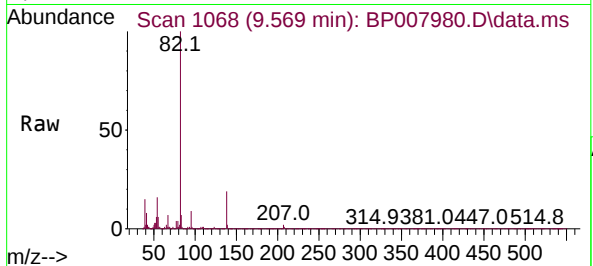




#25
Isophorone
Concen: 4.332 ng
RT: 9.569 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

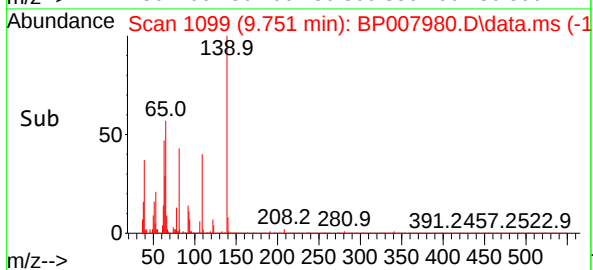
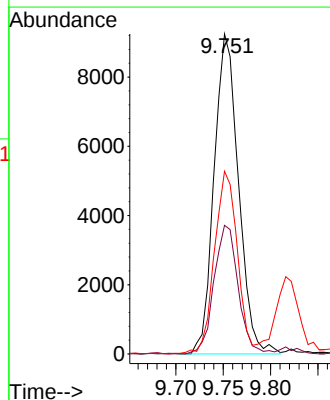
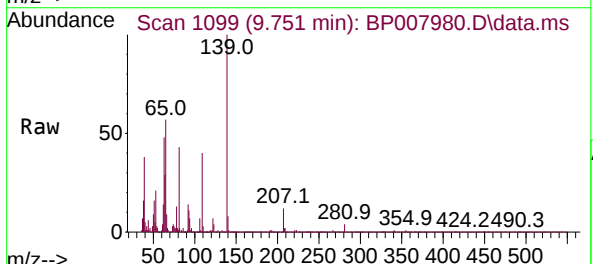
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

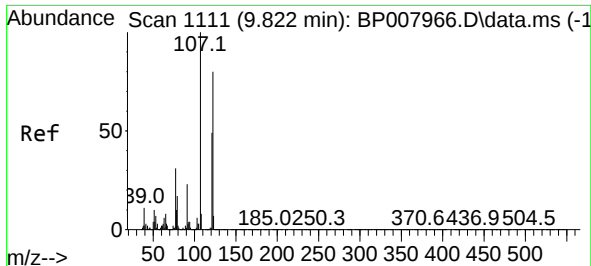
Tgt Ion: 82 Resp: 68331
Ion Ratio Lower Upper
82 100
95 8.8 6.2 9.2
138 18.5 14.0 21.0



#26
2-Nitrophenol
Concen: 3.741 ng
RT: 9.751 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 139 Resp: 16553
Ion Ratio Lower Upper
139 100
109 40.2 26.2 39.2#
65 57.1 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 4.774 ng

RT: 9.822 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

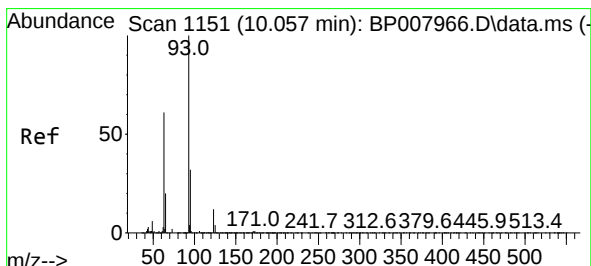
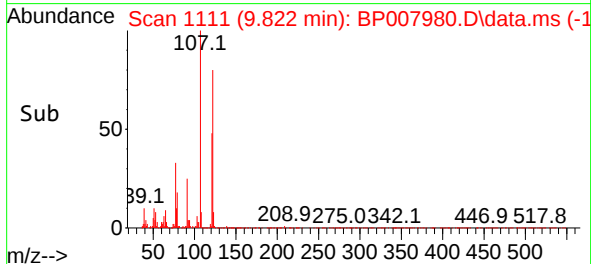
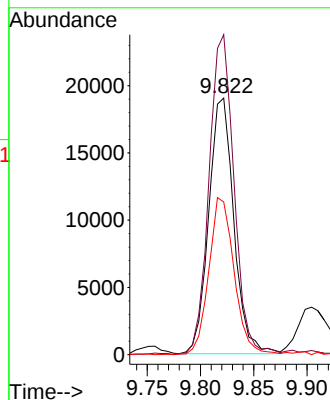
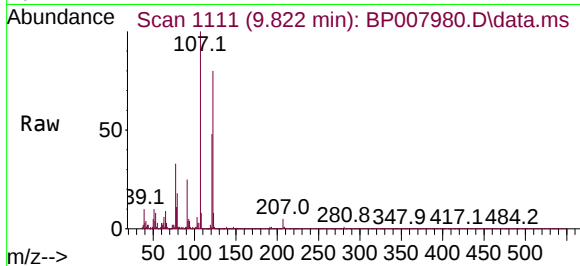
Tgt Ion:122 Resp: 31201

Ion Ratio Lower Upper

122 100

107 124.7 93.8 140.6

121 59.5 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 4.213 ng

RT: 10.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

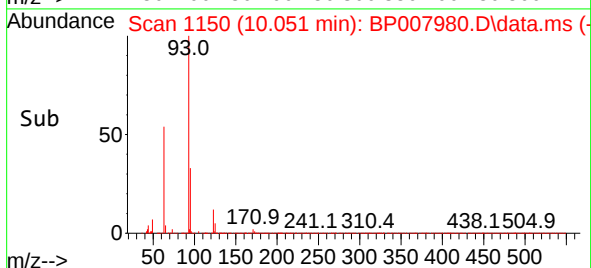
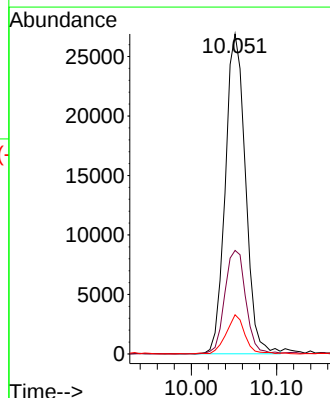
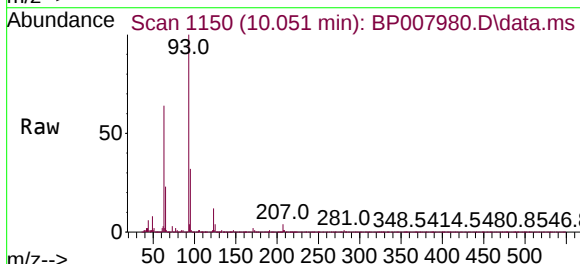
Tgt Ion: 93 Resp: 44093

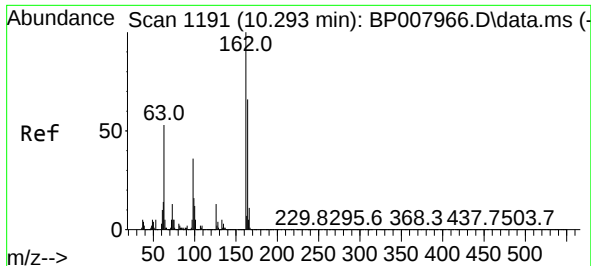
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 12.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 4.045 ng

RT: 10.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

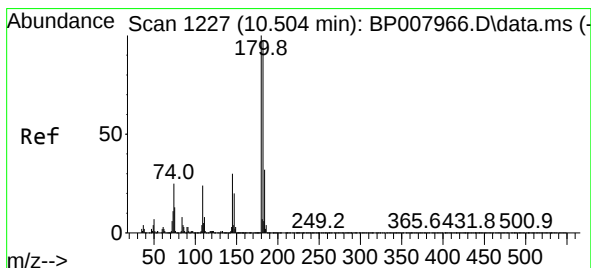
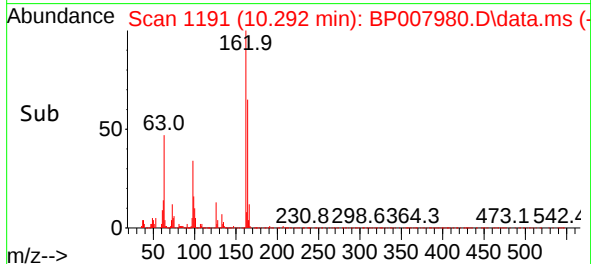
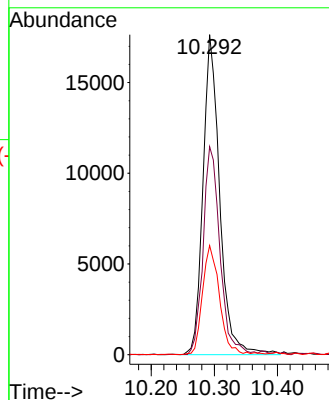
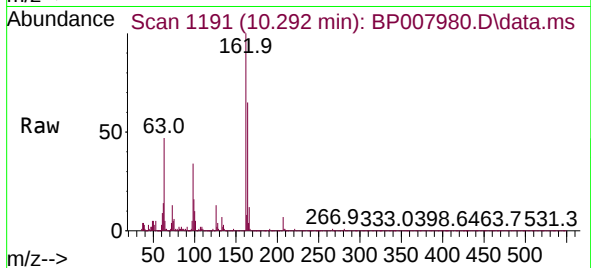
Tgt Ion:162 Resp: 32542

Ion Ratio Lower Upper

162 100

164 65.0 44.0 84.0

98 34.1 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 4.297 ng

RT: 10.504 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

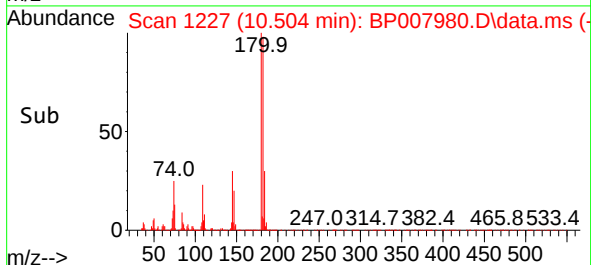
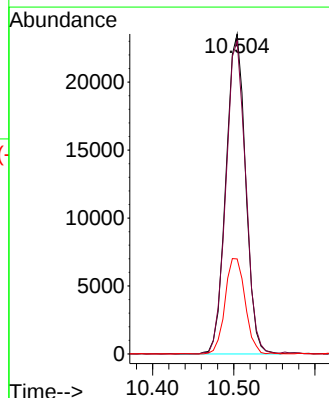
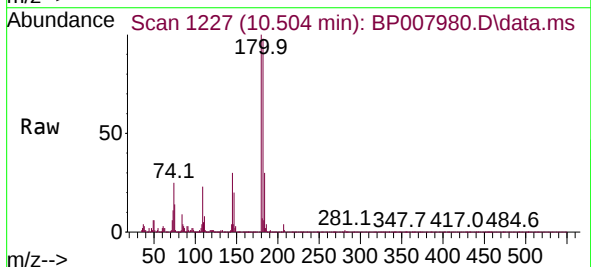
Tgt Ion:180 Resp: 39562

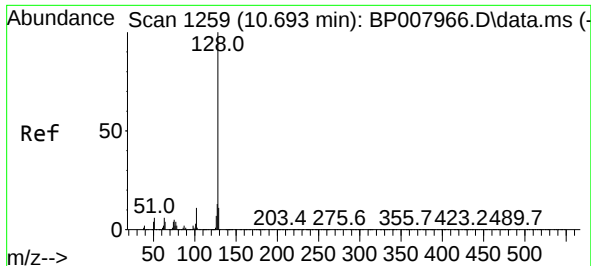
Ion Ratio Lower Upper

180 100

182 97.8 78.4 117.6

145 29.7 23.8 35.8

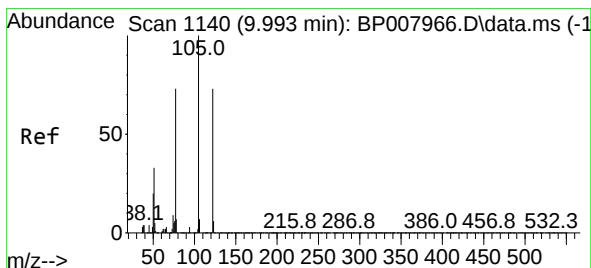
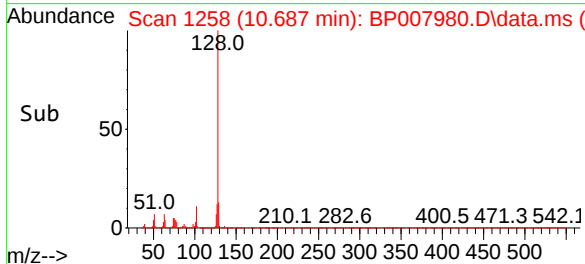
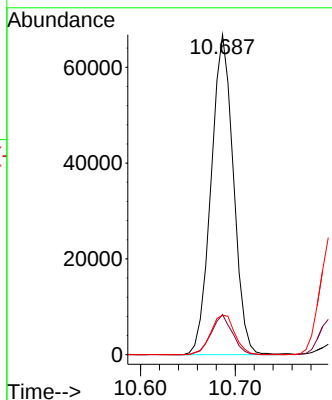
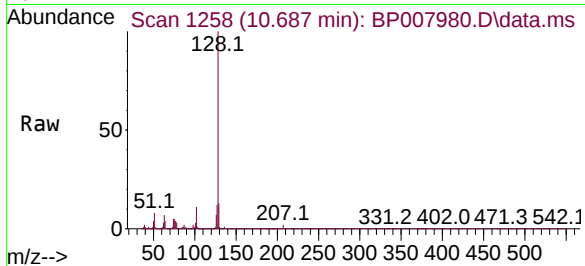




#31
Naphthalene
Concen: 4.417 ng
RT: 10.687 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

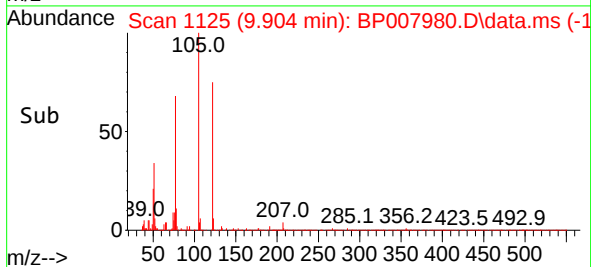
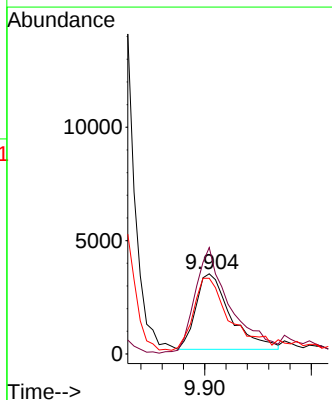
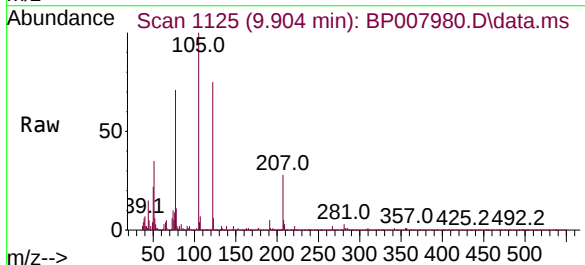
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

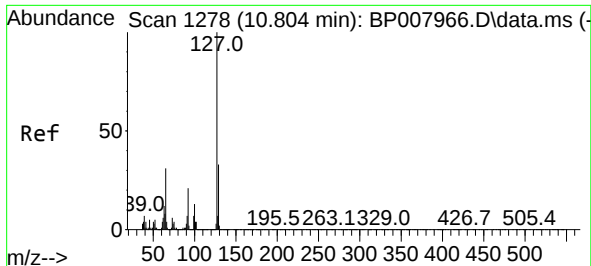
Tgt Ion:128 Resp: 109457
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 12.4 10.2 15.4



#32
Benzoic acid
Concen: 1.339 ng
RT: 9.904 min Scan# 1125
Delta R.T. -0.088 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:122 Resp: 7563
Ion Ratio Lower Upper
122 100
105 132.7 105.9 145.9
77 94.4 74.6 114.6

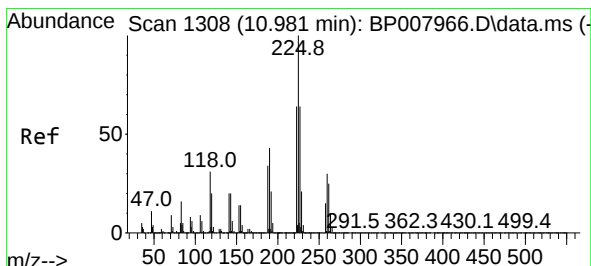
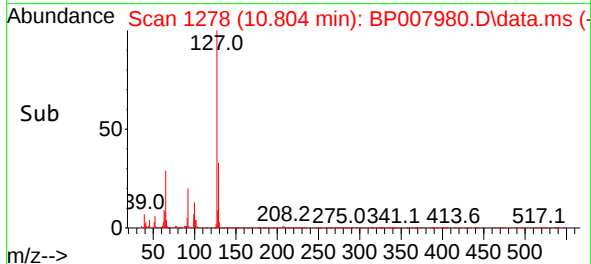
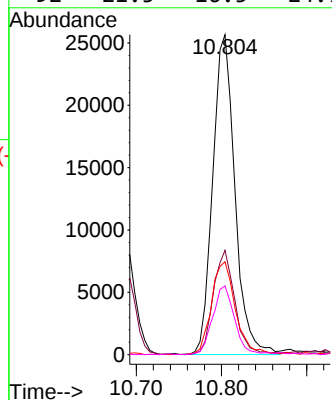
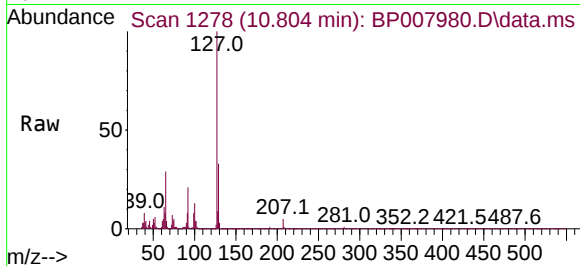




#33
4-Chloroaniline
Concen: 4.363 ng
RT: 10.804 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

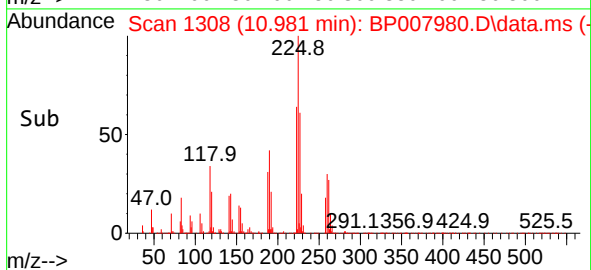
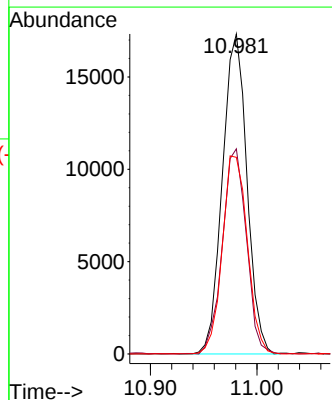
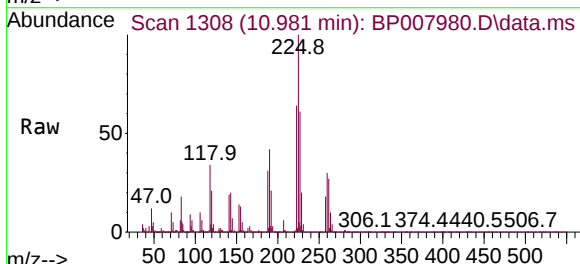
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

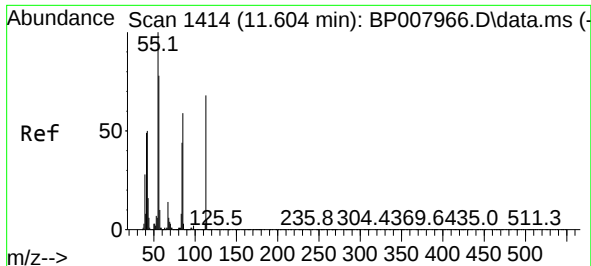
Tgt Ion:127	Resp:	46443
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.1 37.7
65	29.0	25.5 38.3
92	21.5	16.5 24.7



#34
Hexachlorobutadiene
Concen: 4.403 ng
RT: 10.981 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:225	Resp:	27694
Ion Ratio	Lower	Upper
225	100	
223	66.2	49.4 74.0
227	64.6	51.0 76.6

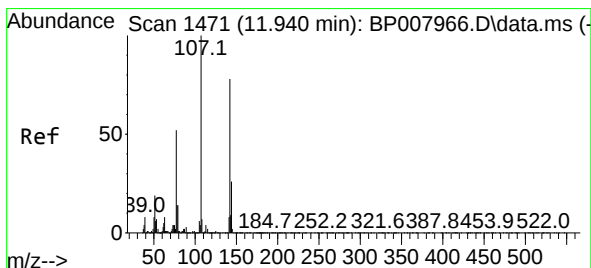
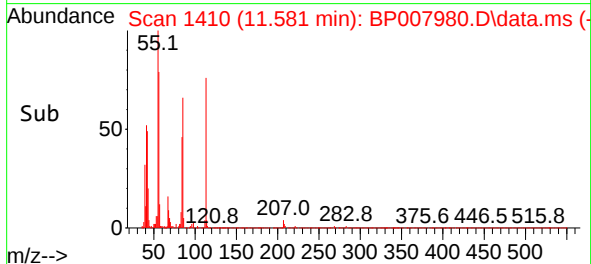
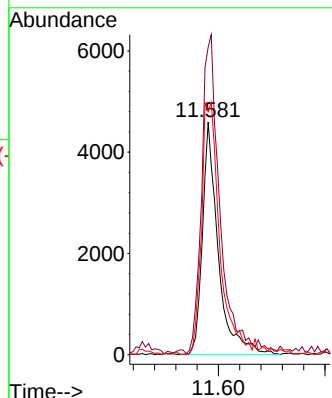
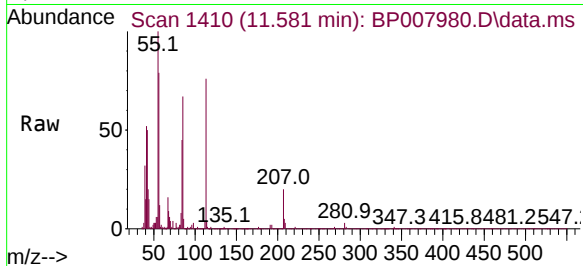




#35
Caprolactam
Concen: 5.359 ng
RT: 11.581 min Scan# 1414
Delta R.T. -0.024 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

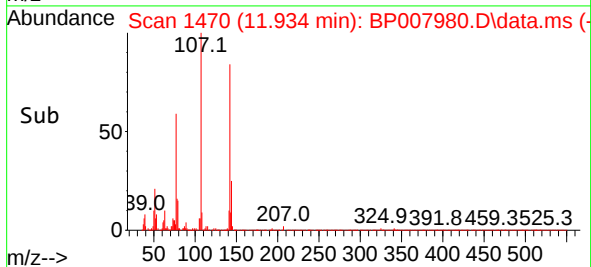
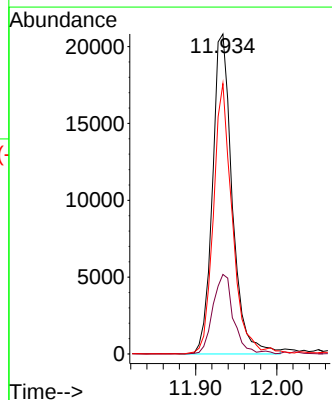
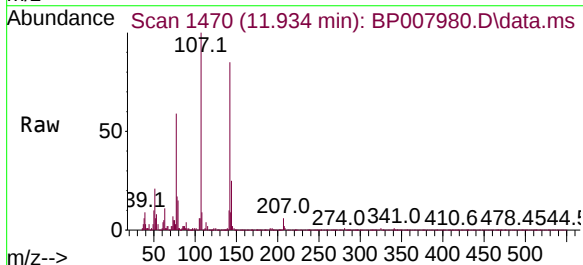
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

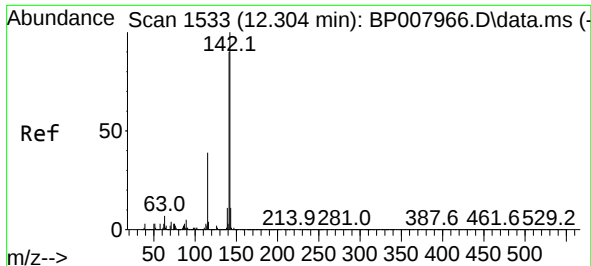
Tgt Ion:113 Resp: 9469
Ion Ratio Lower Upper
113 100
55 132.3 143.9 183.9#
56 104.4 101.6 141.6



#36
4-Chloro-3-methylphenol
Concen: 3.889 ng
RT: 11.934 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:107 Resp: 35353
Ion Ratio Lower Upper
107 100
144 24.8 20.5 30.7
142 84.5 63.0 94.4

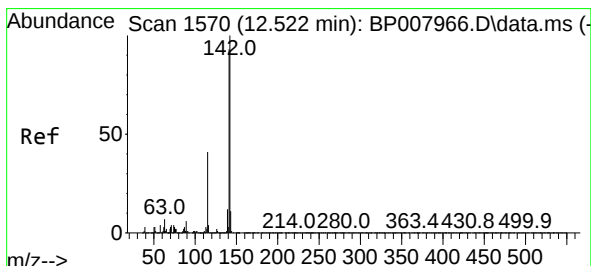
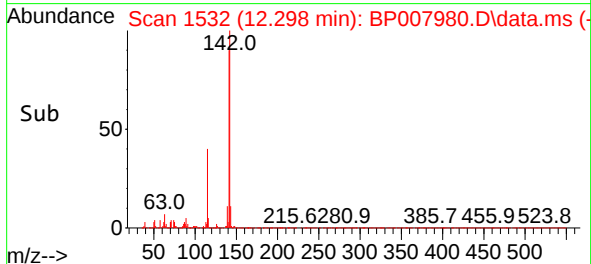
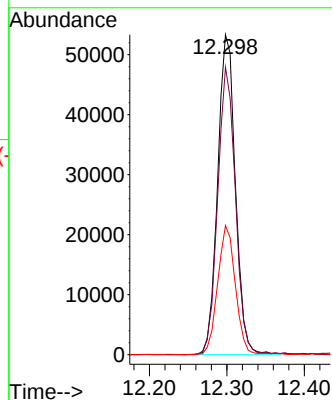
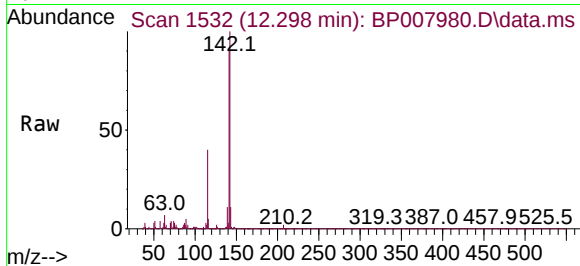




#37
2-Methylnaphthalene
Concen: 4.684 ng
RT: 12.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

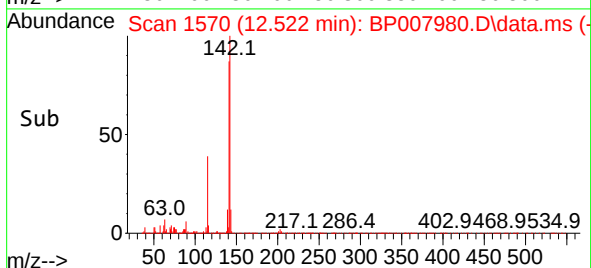
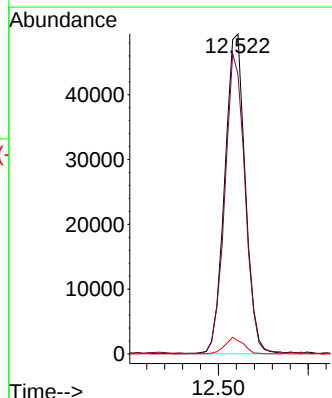
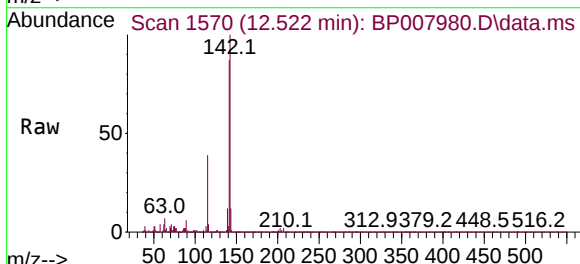
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

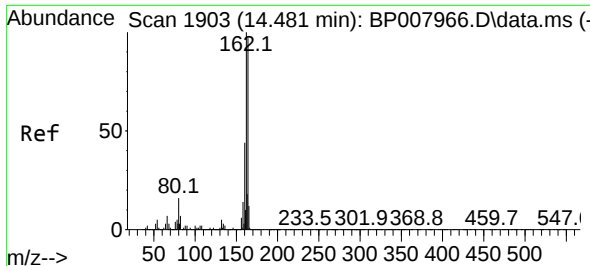
Tgt Ion:142 Resp: 84824
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0
115 40.3 29.5 44.3



#38
1-Methylnaphthalene
Concen: 4.446 ng
RT: 12.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:142 Resp: 78527
Ion Ratio Lower Upper
142 100
141 87.4 74.4 111.6
116 4.1 3.4 5.0

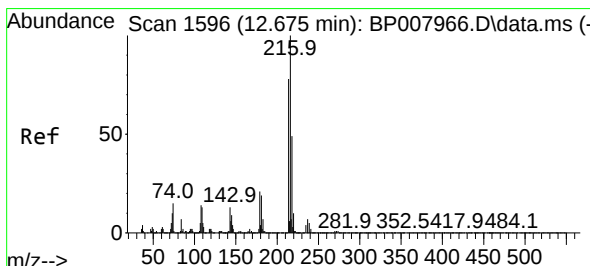
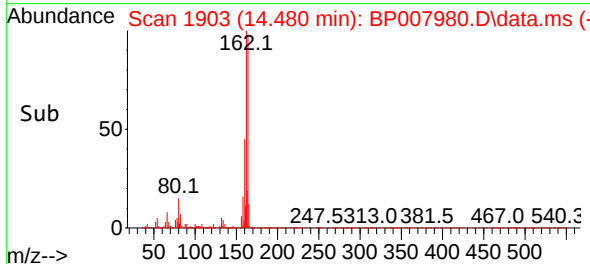
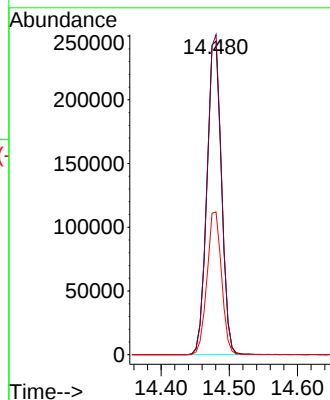
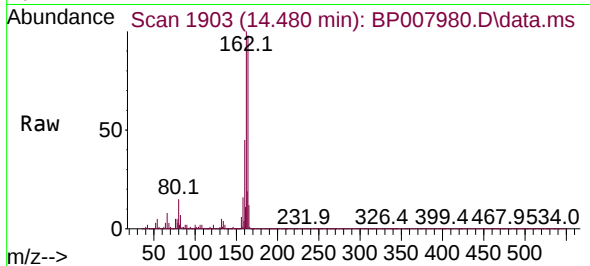




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1903
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

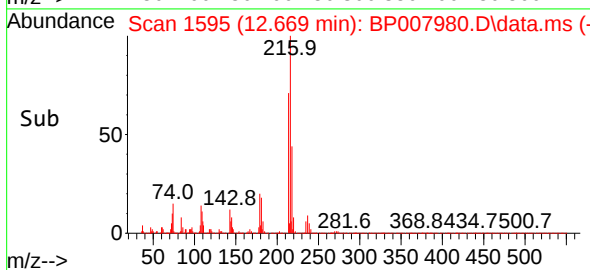
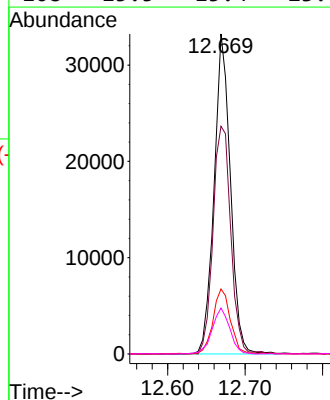
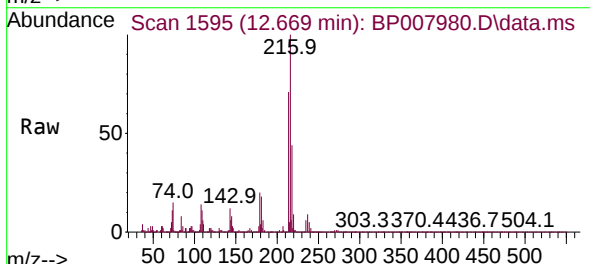
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

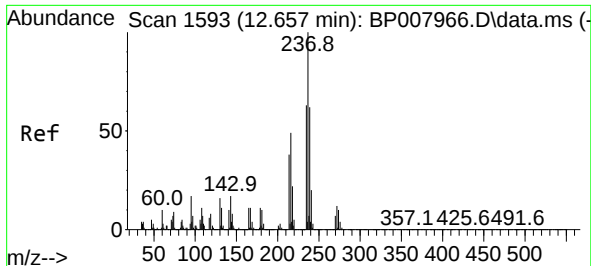
Tgt Ion:164 Resp: 365438
Ion Ratio Lower Upper
164 100
162 102.0 81.1 121.7
160 45.5 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.996 ng
RT: 12.669 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:216 Resp: 48660
Ion Ratio Lower Upper
216 100
214 77.4 62.2 93.4
179 21.4 17.1 25.7
108 15.5 15.4 23.0

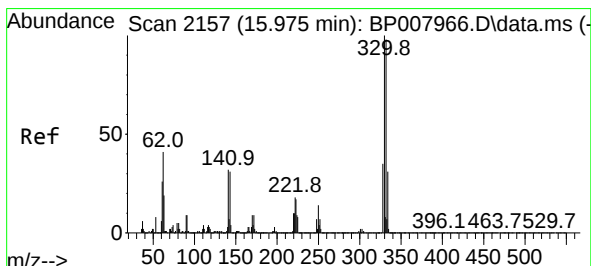
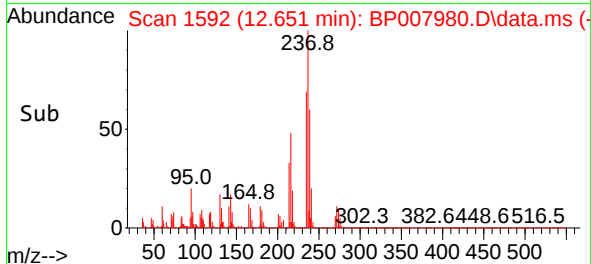
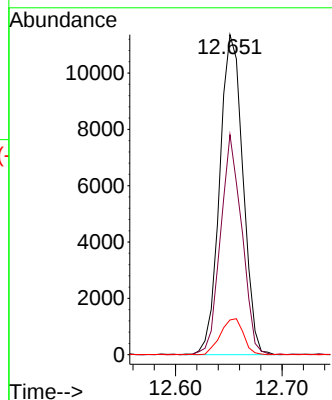
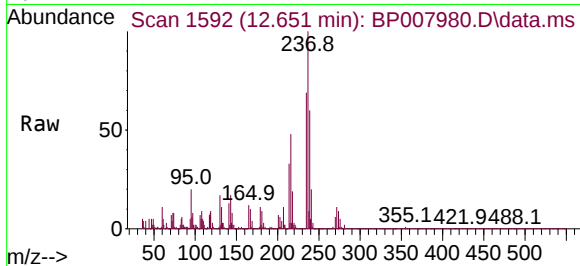




#41
Hexachlorocyclopentadiene
Concen: 3.077 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

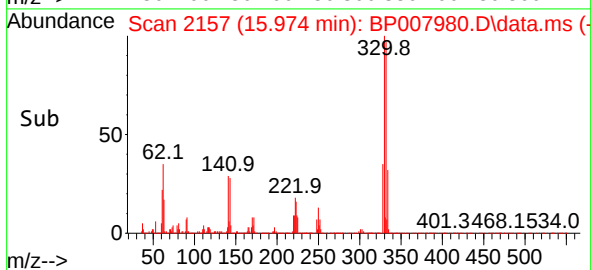
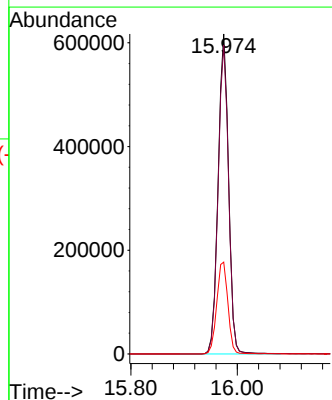
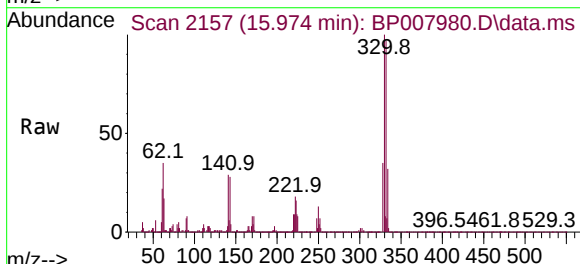
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

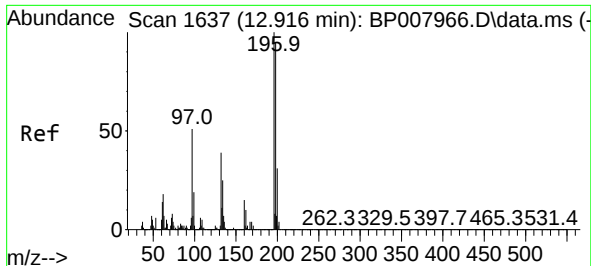
Tgt Ion:237 Resp: 17201
Ion Ratio Lower Upper
237 100
235 68.7 41.2 81.2
272 10.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 145.627 ng
RT: 15.974 min Scan# 2157
Delta R.T. -0.001 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:330 Resp: 837313
Ion Ratio Lower Upper
330 100
332 96.9 78.9 118.3
141 30.7 30.7 46.1#

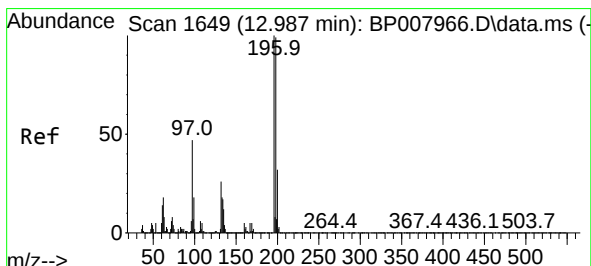
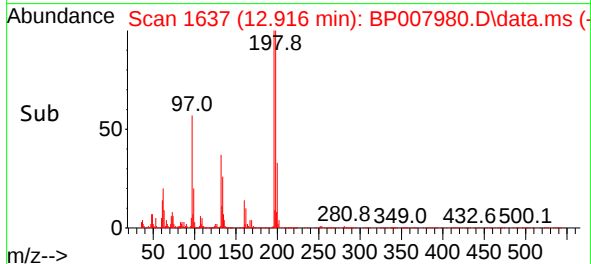
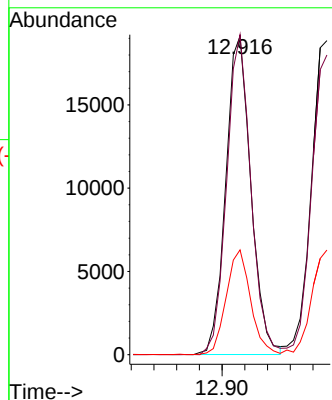
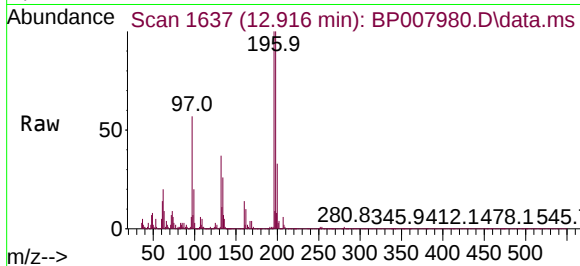




#43
2,4,6-Trichlorophenol
Concen: 3.524 ng
RT: 12.916 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

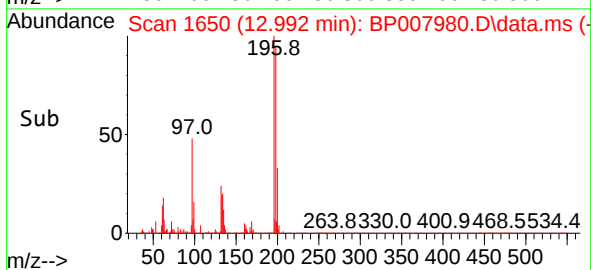
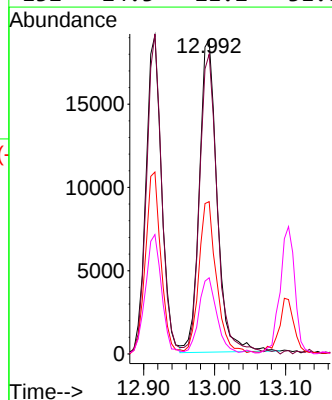
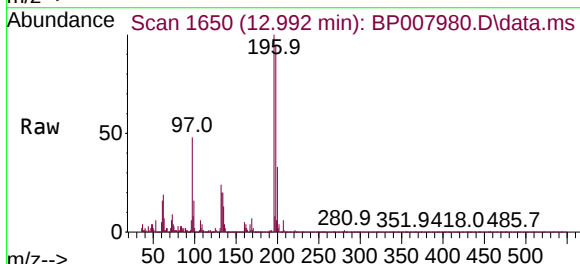
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

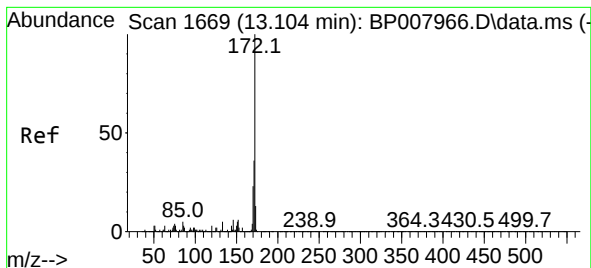
Tgt Ion:196 Resp: 29323
Ion Ratio Lower Upper
196 100
198 100.5 76.4 114.6
200 32.9 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 3.599 ng
RT: 12.992 min Scan# 1650
Delta R.T. 0.005 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:196 Resp: 32536
Ion Ratio Lower Upper
196 100
198 95.4 77.1 115.7
97 48.5 40.9 61.3
132 24.3 21.2 31.8





#45

2-Fluorobiphenyl

Concen: 82.144 ng

RT: 13.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

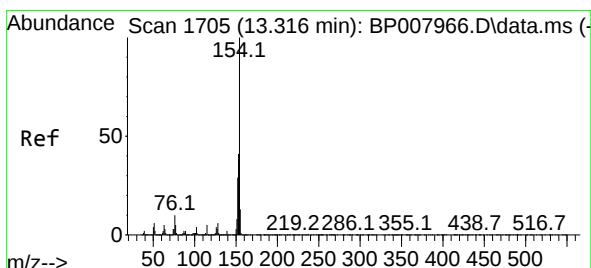
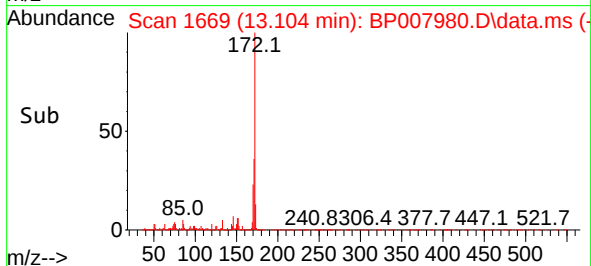
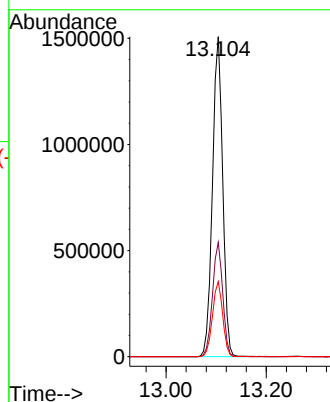
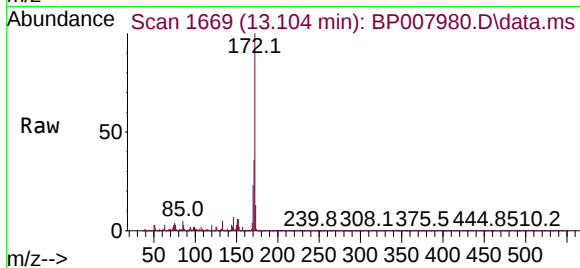
Tgt Ion:172 Resp: 2140014

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 4.111 ng

RT: 13.310 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

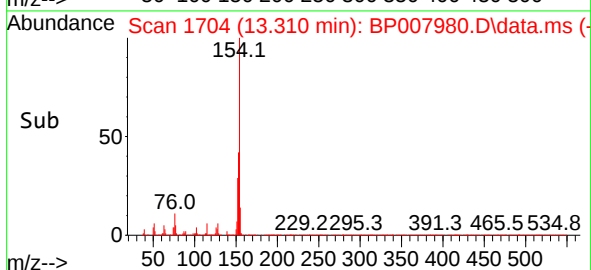
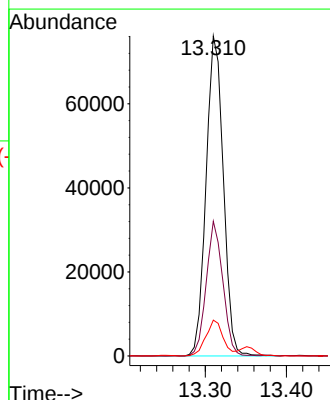
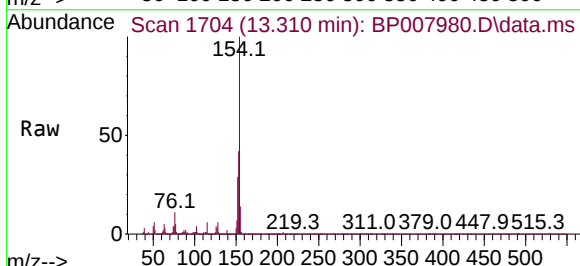
Tgt Ion:154 Resp: 112217

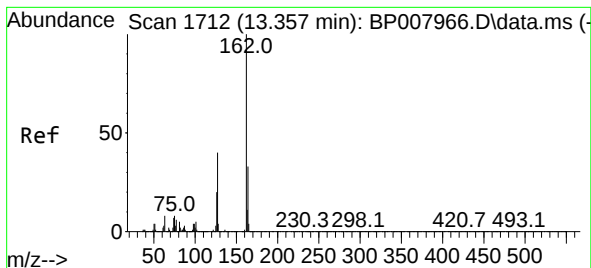
Ion Ratio Lower Upper

154 100

153 42.1 19.9 59.9

76 11.2 0.0 32.4





#47

2-Chloronaphthalene

Concen: 4.192 ng

RT: 13.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

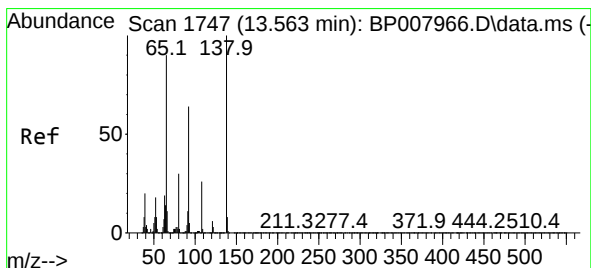
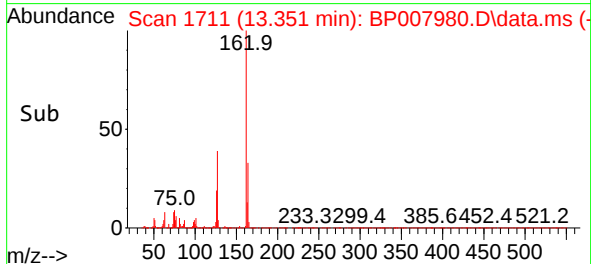
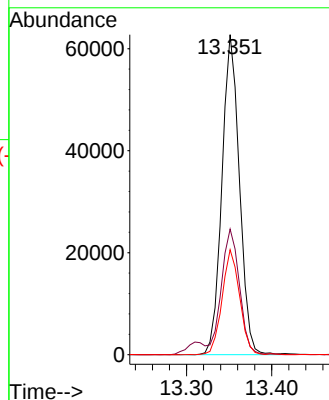
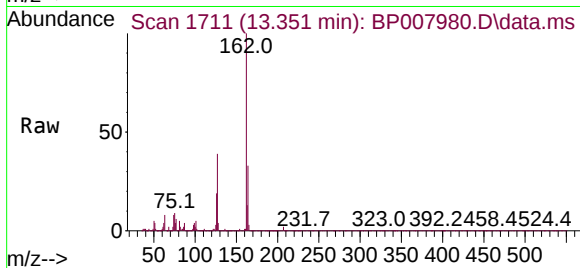
Tgt Ion:162 Resp: 89514

Ion Ratio Lower Upper

162 100

127 39.3 31.0 46.6

164 32.8 26.4 39.6



#48

2-Nitroaniline

Concen: 3.470 ng

RT: 13.557 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

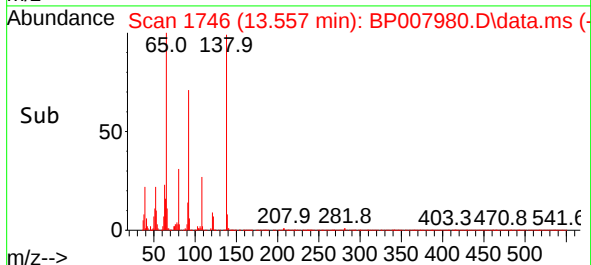
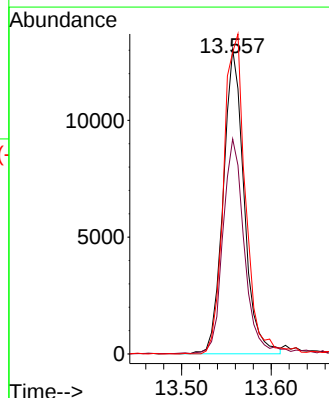
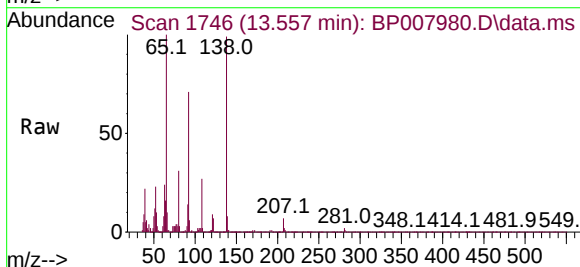
Tgt Ion: 65 Resp: 21027

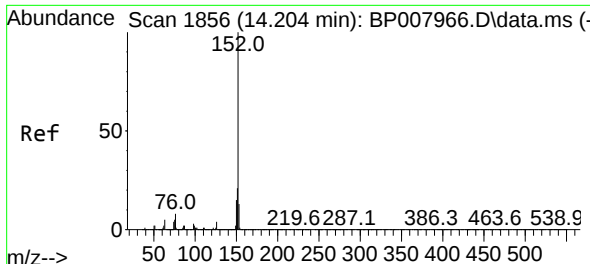
Ion Ratio Lower Upper

65 100

92 70.6 55.9 83.9

138 99.0 86.3 129.5

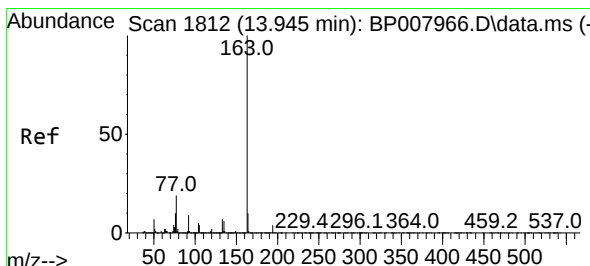
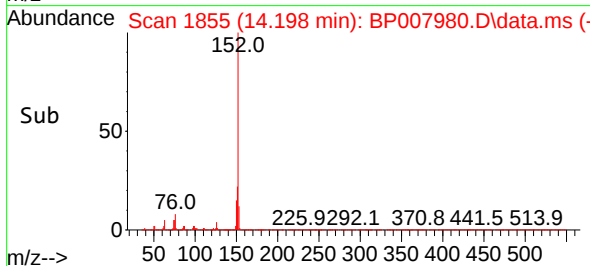
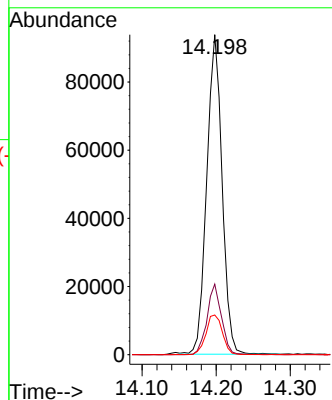
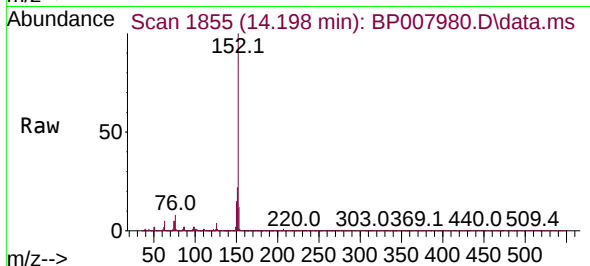




#49
Acenaphthylene
Concen: 4.151 ng
RT: 14.198 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

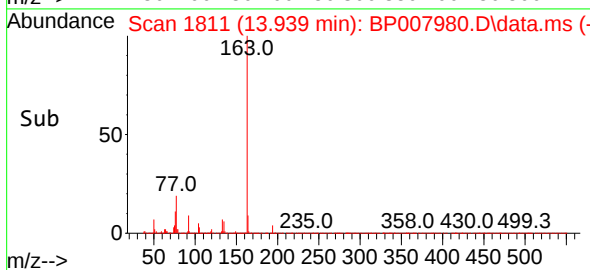
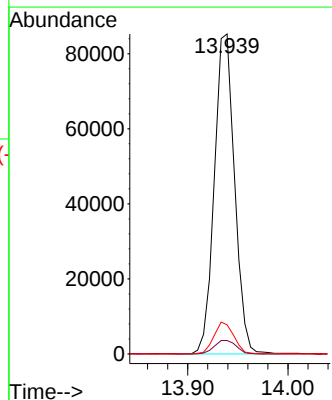
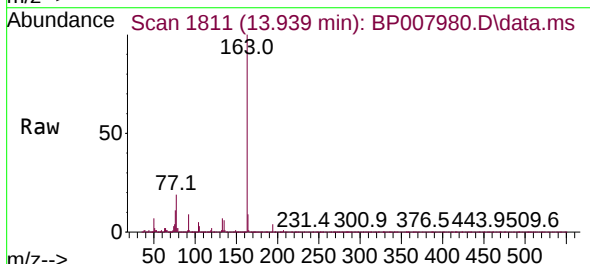
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

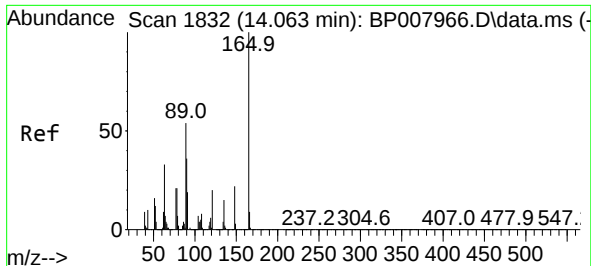
Tgt Ion:152 Resp: 134814
Ion Ratio Lower Upper
152 100
151 22.1 15.8 23.6
153 12.4 10.2 15.2



#50
Dimethylphthalate
Concen: 4.140 ng
RT: 13.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:163 Resp: 119693
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.1 8.2 12.2

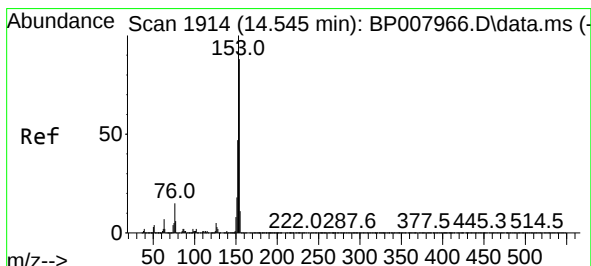
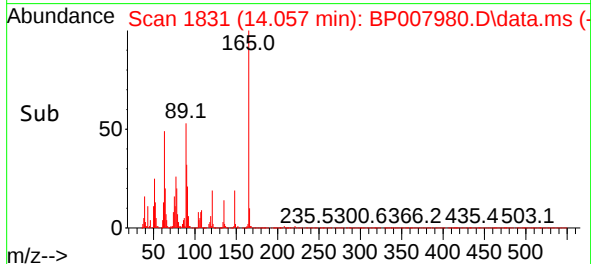
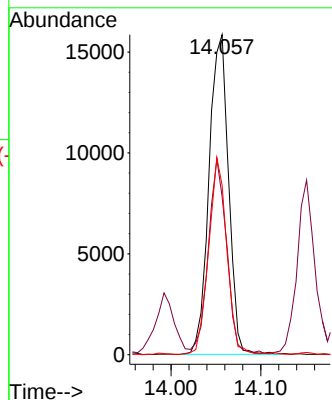
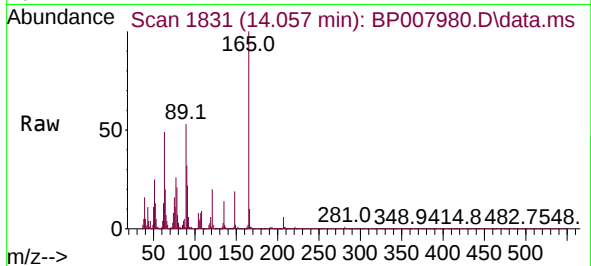




#51
2,6-Dinitrotoluene
Concen: 3.983 ng
RT: 14.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

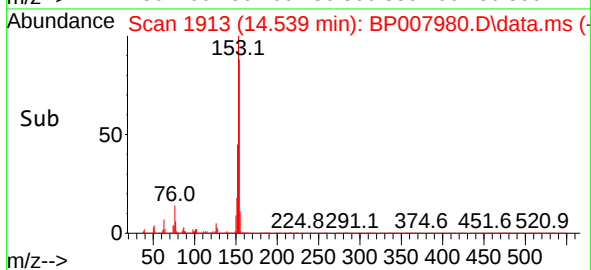
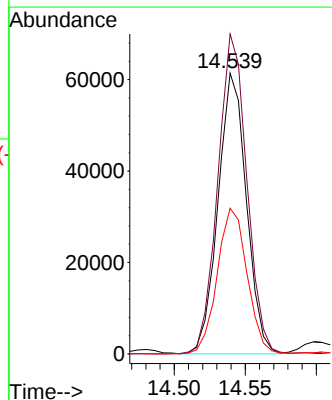
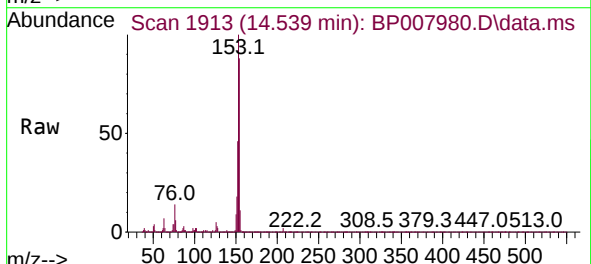
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

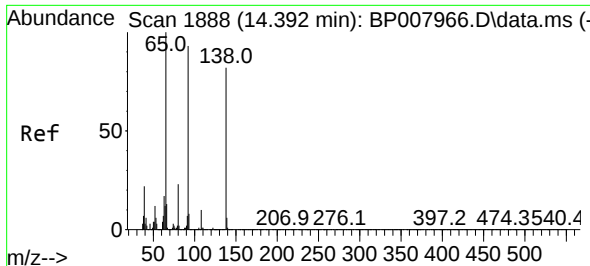
Tgt Ion:165 Resp: 23923
Ion Ratio Lower Upper
165 100
63 49.3 44.2 66.2
89 53.0 46.6 70.0



#52
Acenaphthene
Concen: 4.381 ng
RT: 14.539 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:154 Resp: 85173
Ion Ratio Lower Upper
154 100
153 114.0 90.4 135.6
152 51.9 42.3 63.5

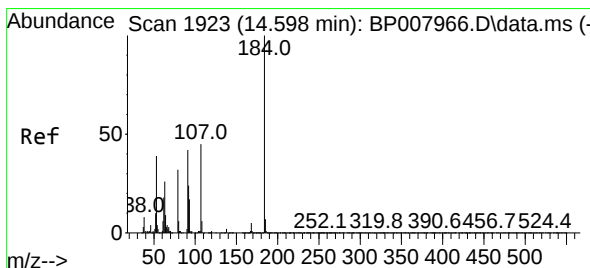
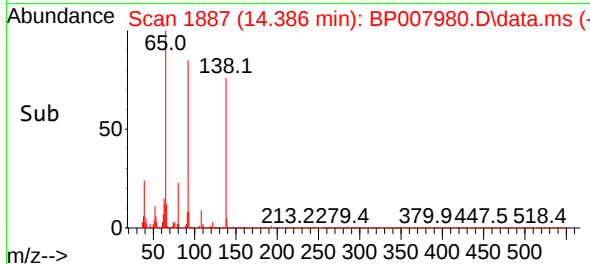
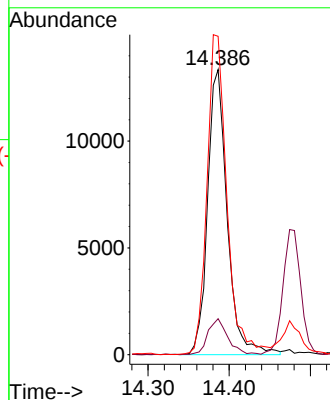
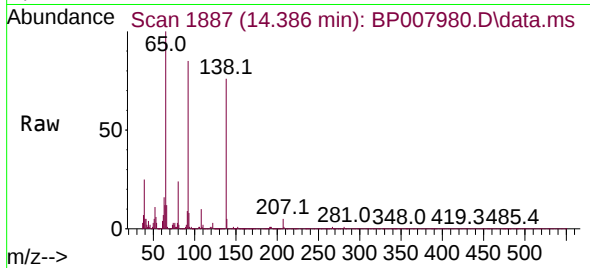




#53
3-Nitroaniline
Concen: 3.656 ng
RT: 14.386 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

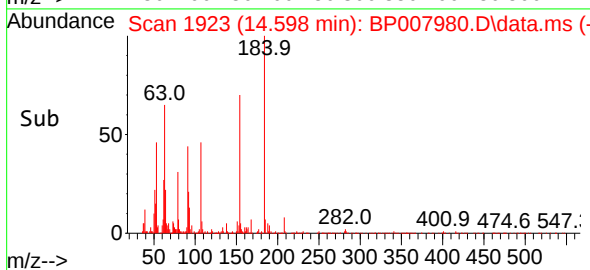
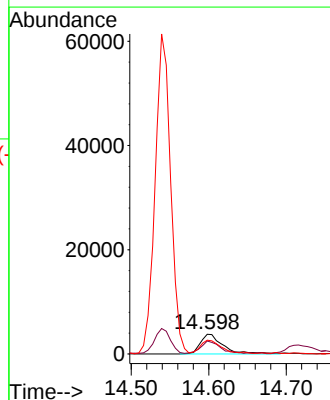
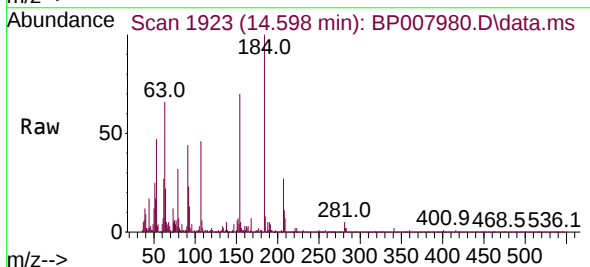
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

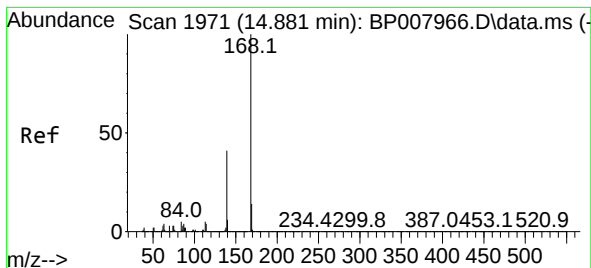
Tgt Ion:138 Resp: 22392
Ion Ratio Lower Upper
138 100
108 12.6 12.3 18.5
92 111.7 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 2.112 ng
RT: 14.598 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:184 Resp: 7656
Ion Ratio Lower Upper
184 100
63 65.5 44.0 66.0
154 70.0 48.9 73.3





#55

Dibenzenofuran

Concen: 4.403 ng

RT: 14.875 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

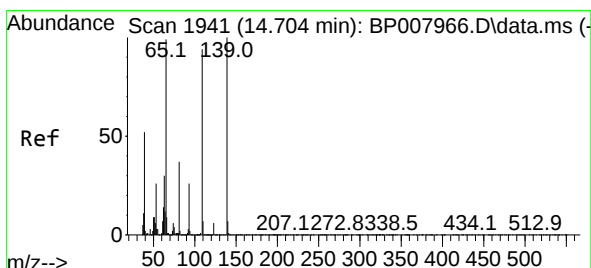
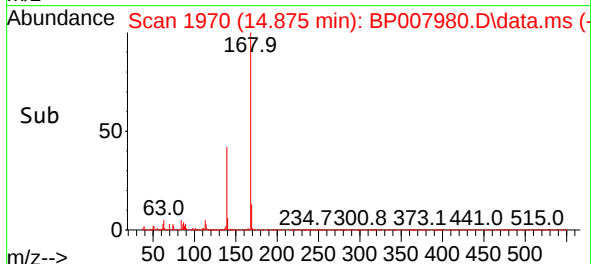
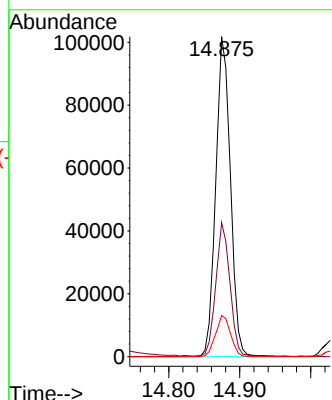
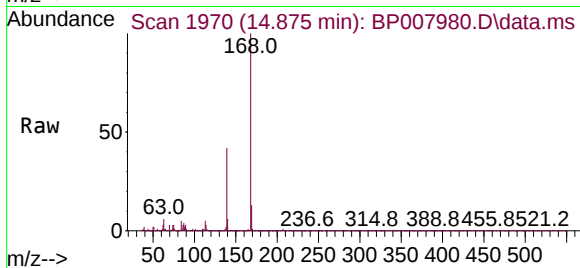
Tgt Ion:168 Resp: 145579

Ion Ratio Lower Upper

168 100

139 41.9 30.8 46.2

169 12.8 11.0 16.6



#56

4-Nitrophenol

Concen: 3.094 ng

RT: 14.710 min Scan# 1942

Delta R.T. 0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

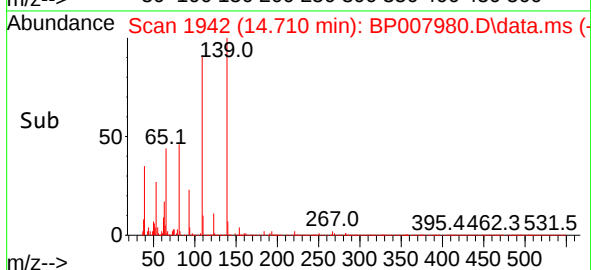
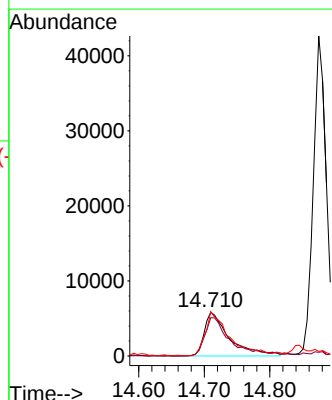
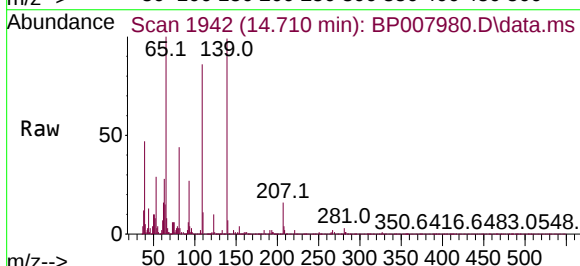
Tgt Ion:139 Resp: 15442

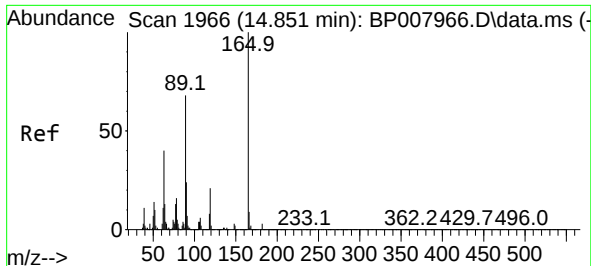
Ion Ratio Lower Upper

139 100

109 87.6 60.9 100.9

65 101.4 76.5 116.5

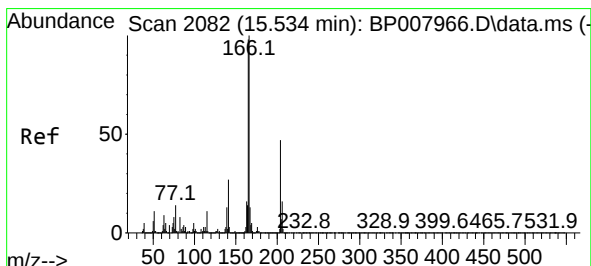
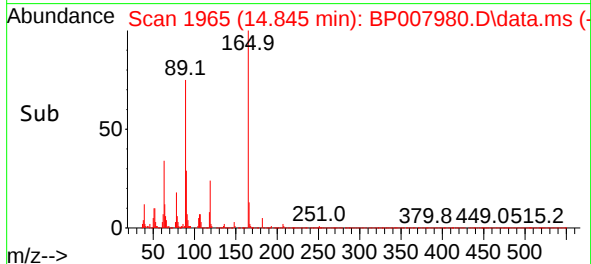
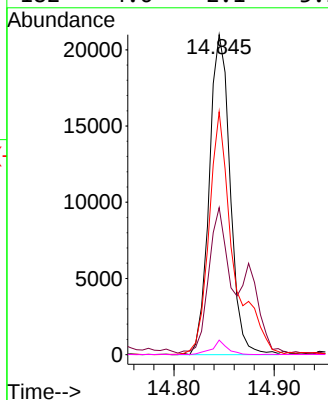
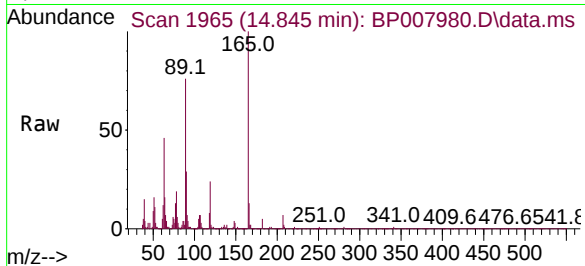




#57
2,4-Dinitrotoluene
Concen: 3.808 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

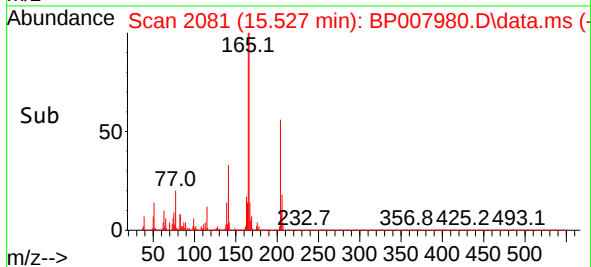
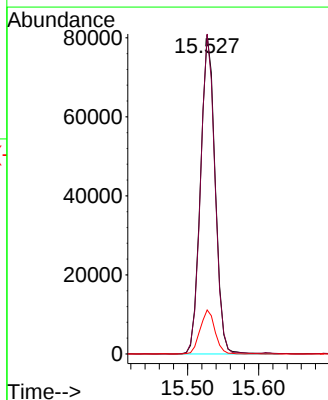
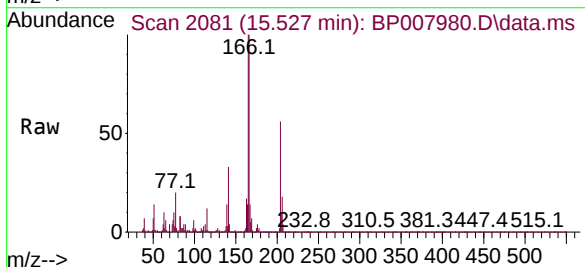
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

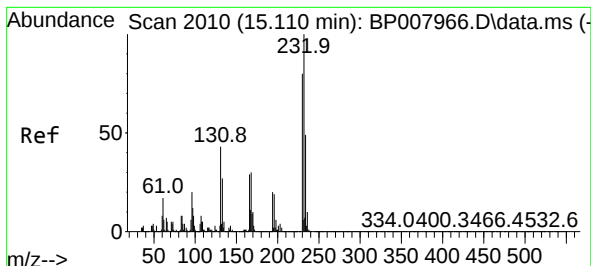
Tgt Ion:165 Resp: 30447
Ion Ratio Lower Upper
165 100
63 45.9 37.4 56.0
89 75.9 61.8 92.6
182 4.6 2.1 3.1#



#58
Fluorene
Concen: 4.395 ng
RT: 15.527 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:166 Resp: 115619
Ion Ratio Lower Upper
166 100
165 100.4 78.9 118.3
167 13.8 10.9 16.3

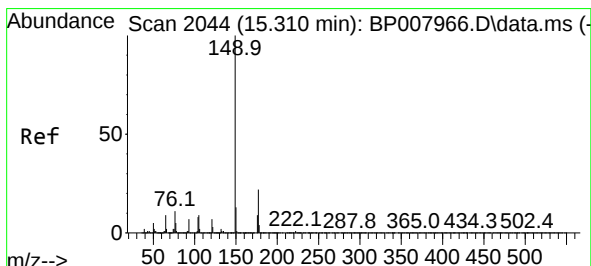
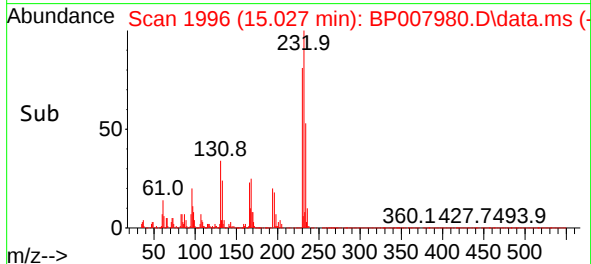
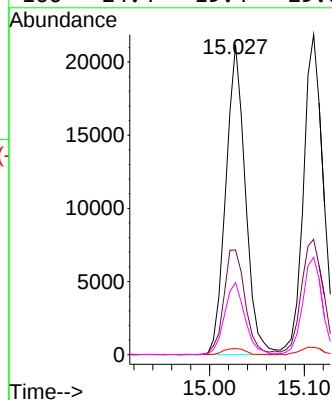
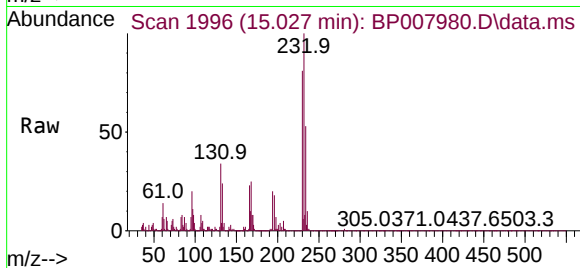




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.697 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.083 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

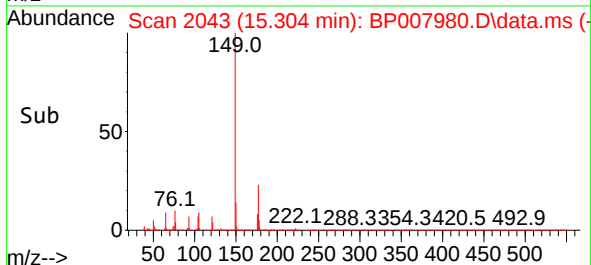
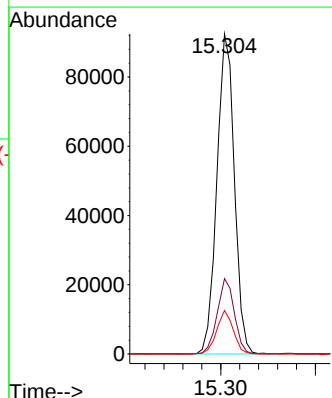
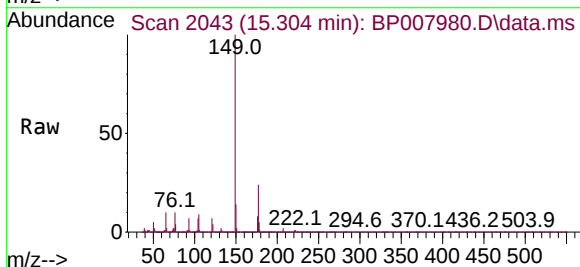
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

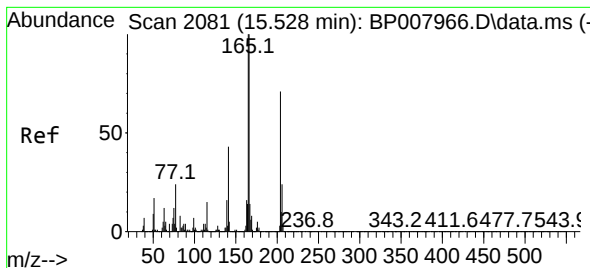
Tgt Ion:	232	Resp:	30439
Ion Ratio	Lower	Upper	
232	100		
131	36.6	30.3	45.5
130	2.3	1.8	2.8
166	24.4	19.4	29.0



#60
Diethylphthalate
Concen: 4.265 ng
RT: 15.304 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:	149	Resp:	118855
Ion Ratio	Lower	Upper	
149	100		
177	23.5	17.8	26.8
150	13.6	10.2	15.2

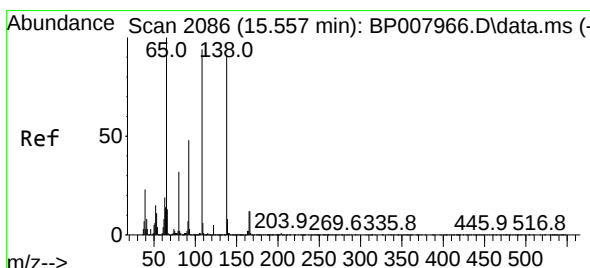
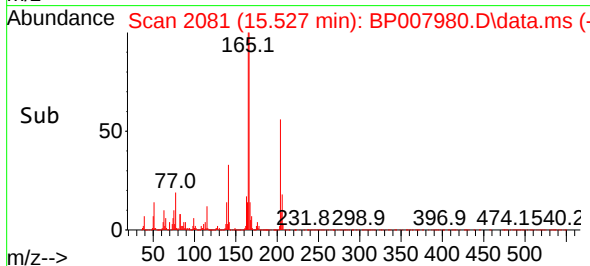
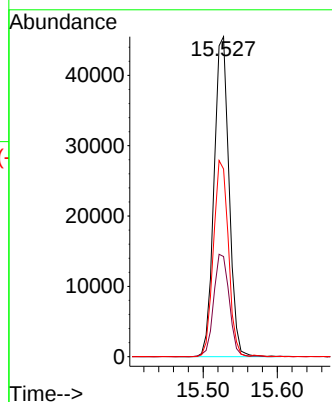
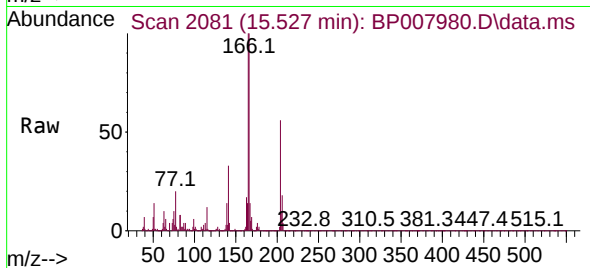




#61
4-Chlorophenyl-phenylether
Concen: 4.484 ng
RT: 15.527 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

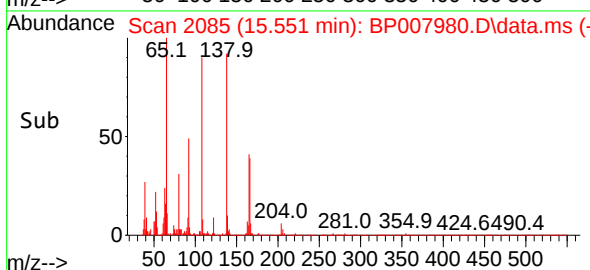
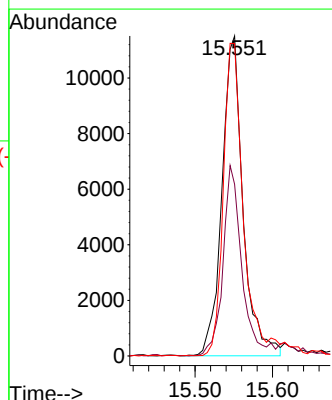
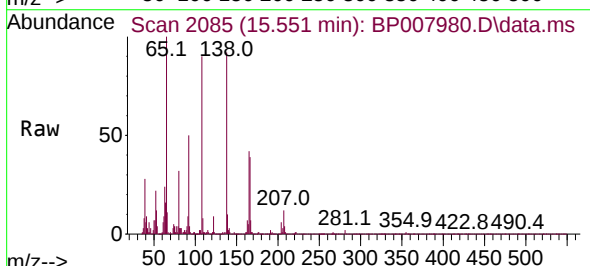
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

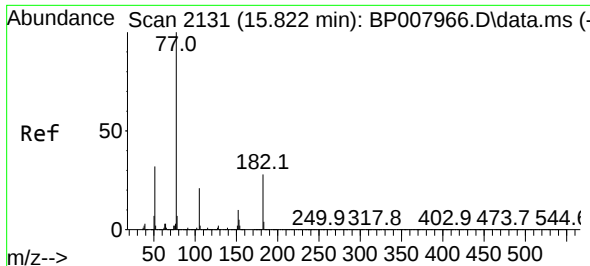
Tgt Ion:204 Resp: 63796
Ion Ratio Lower Upper
204 100
206 31.3 25.8 38.8
141 58.6 48.8 73.2



#62
4-Nitroaniline
Concen: 3.459 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:138 Resp: 21770
Ion Ratio Lower Upper
138 100
92 53.7 30.7 70.7
108 97.6 71.2 111.2

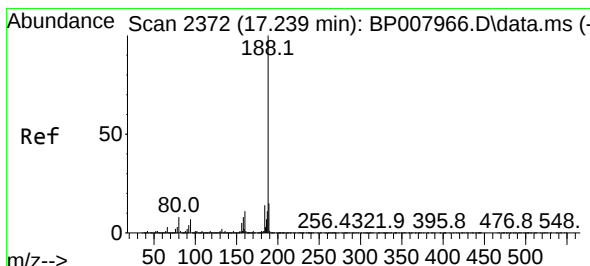
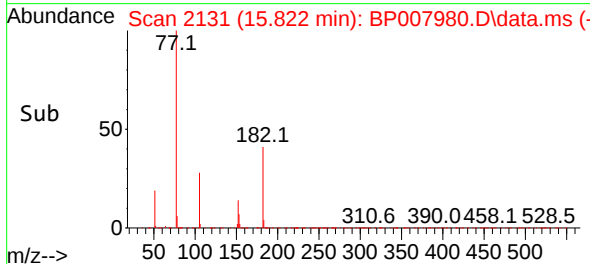
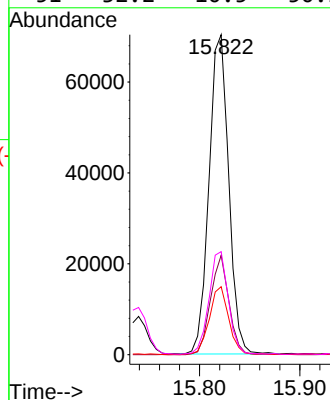
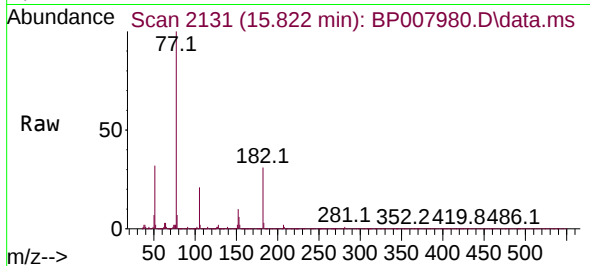




#63
Azobenzene
Concen: 4.094 ng
RT: 15.822 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

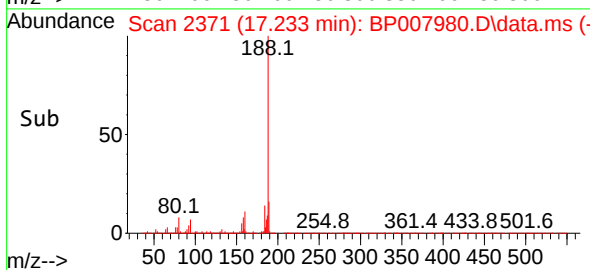
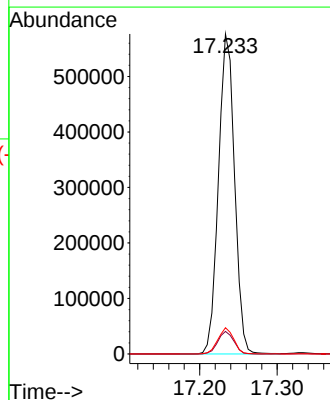
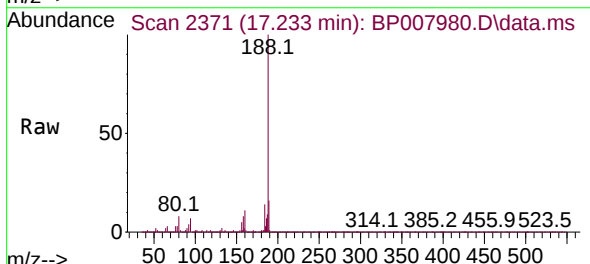
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

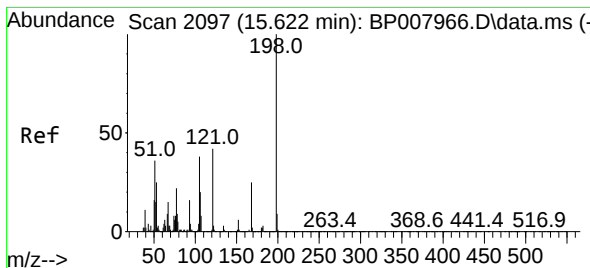
Tgt Ion: 77	Resp: 96044
Ion Ratio	Lower Upper
77 100	
182 31.1	6.5 46.5
105 21.3	1.3 41.3
51 32.2	10.5 50.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion: 188	Resp: 832793
Ion Ratio	Lower Upper
188 100	
94 7.0	7.1 10.7#
80 8.2	7.8 11.6

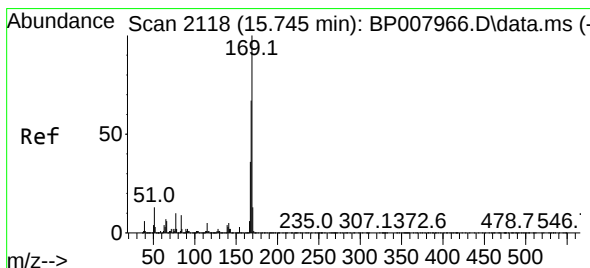
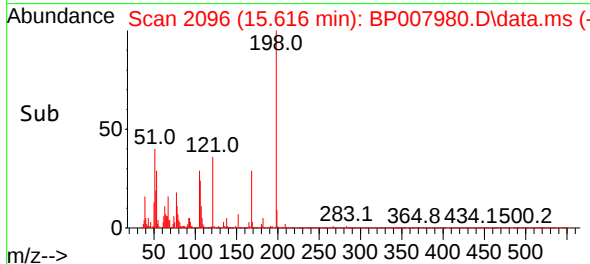
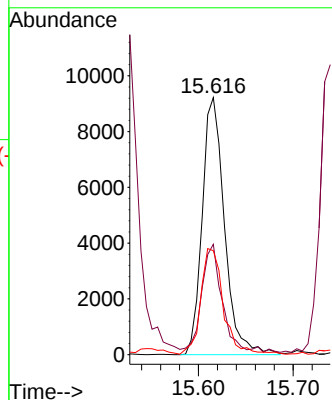
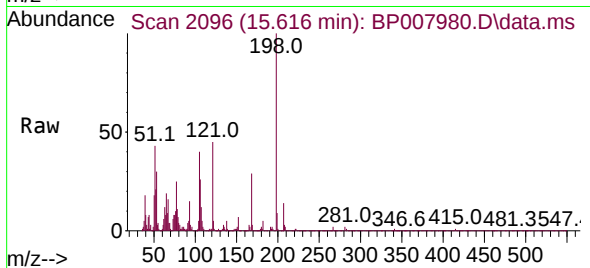




#65
4,6-Dinitro-2-methylphenol
Concen: 2.765 ng
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

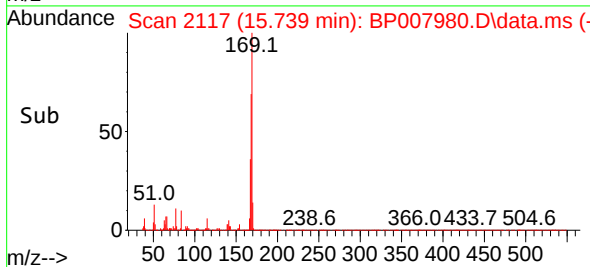
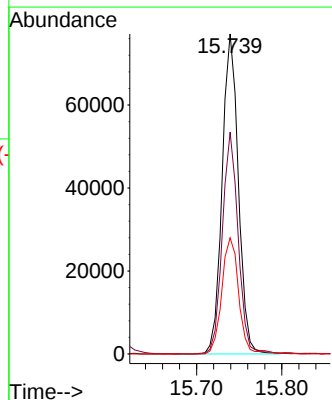
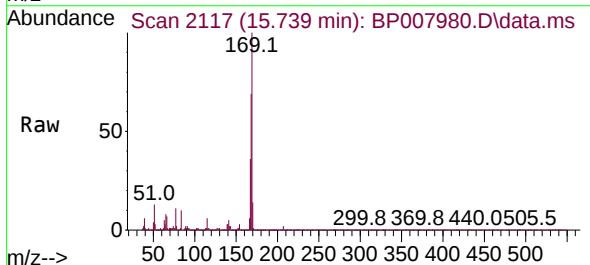
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

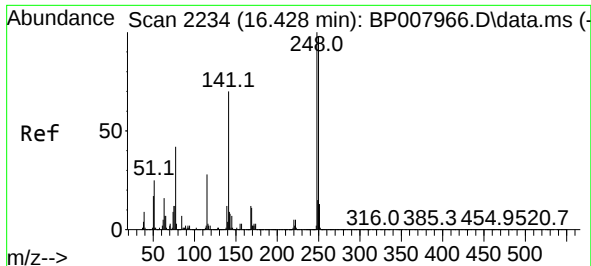
Tgt Ion:198 Resp: 15092
Ion Ratio Lower Upper
198 100
51 42.9 23.8 63.8
105 40.4 24.6 64.6



#66
n-Nitrosodiphenylamine
Concen: 4.274 ng
RT: 15.739 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:169 Resp: 101879
Ion Ratio Lower Upper
169 100
168 69.3 52.7 79.1
167 36.3 29.0 43.6

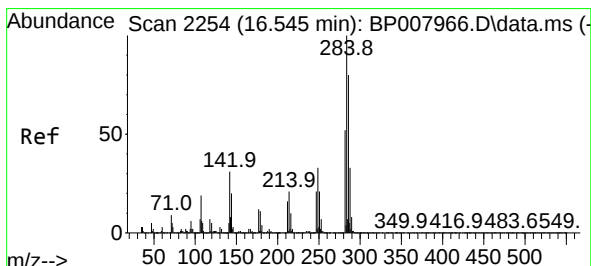
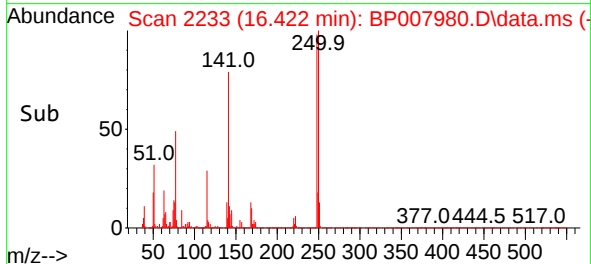
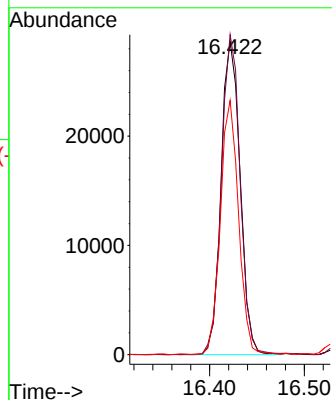
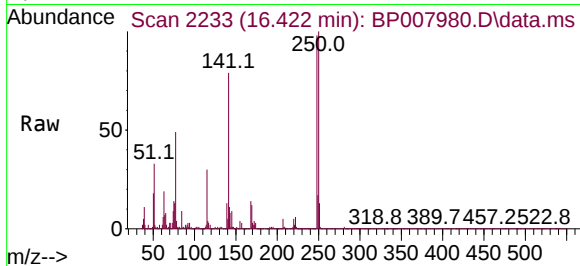




#67
4-Bromophenyl-phenylether
Concen: 4.123 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

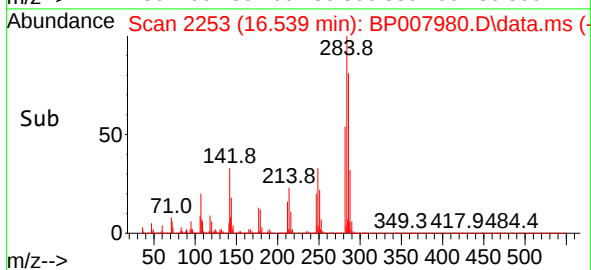
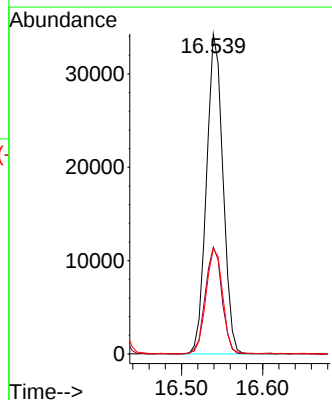
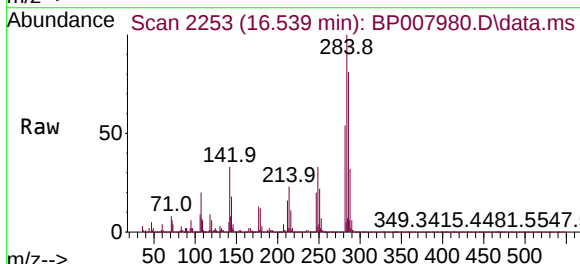
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

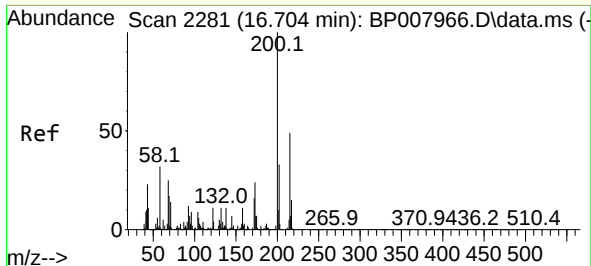
Tgt Ion:248 Resp: 40160
Ion Ratio Lower Upper
248 100
250 102.2 78.2 117.2
141 81.2 60.8 91.2



#68
Hexachlorobenzene
Concen: 4.402 ng
RT: 16.539 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:284 Resp: 48287
Ion Ratio Lower Upper
284 100
142 33.4 30.6 46.0
249 32.9 26.6 40.0

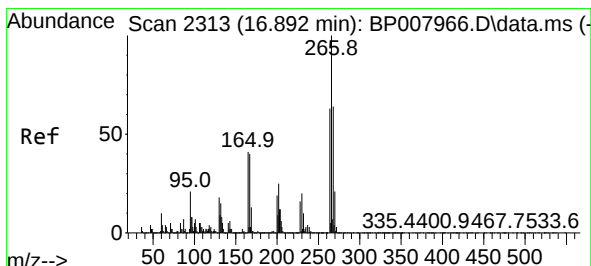
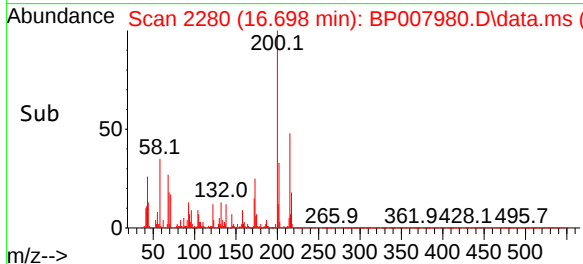
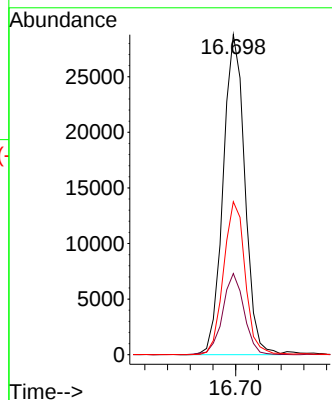
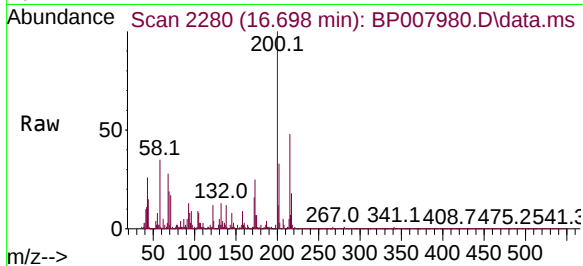




#69
Atrazine
Concen: 6.143 ng
RT: 16.698 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

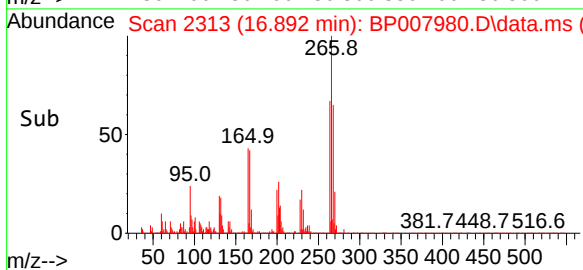
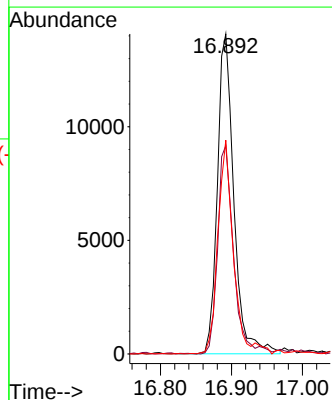
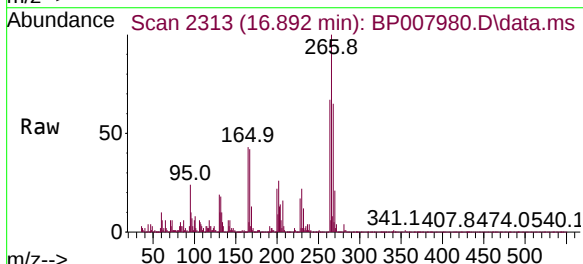
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

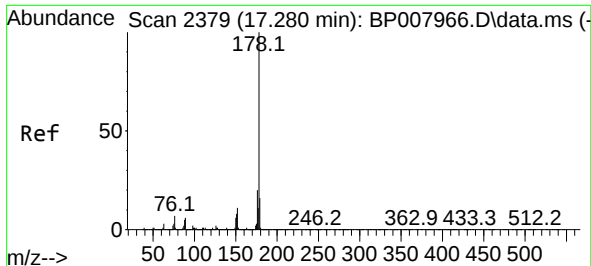
Tgt Ion:200 Resp: 38176
Ion Ratio Lower Upper
200 100
173 25.3 6.2 46.2
215 47.8 28.2 68.2



#70
Pentachlorophenol
Concen: 3.383 ng
RT: 16.892 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:266 Resp: 22631
Ion Ratio Lower Upper
266 100
268 65.1 49.3 73.9
264 66.8 48.7 73.1

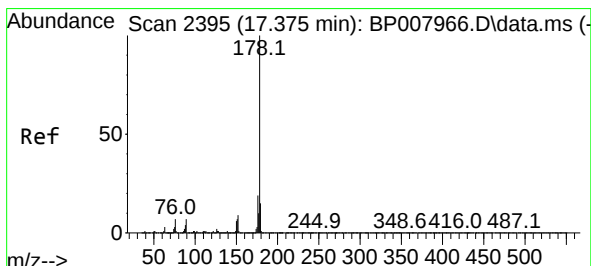
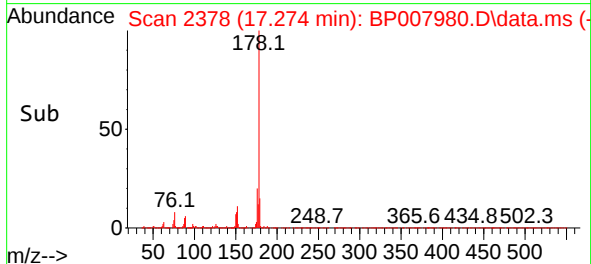
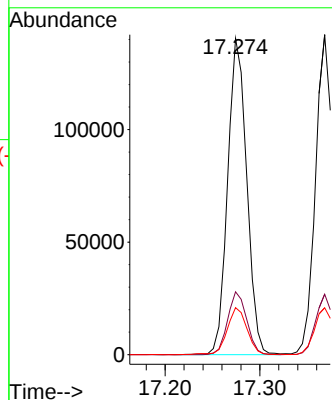
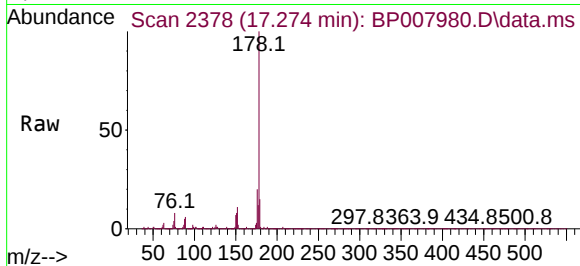




#71
Phenanthrene
Concen: 4.442 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

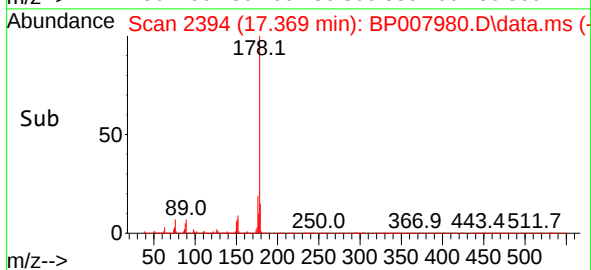
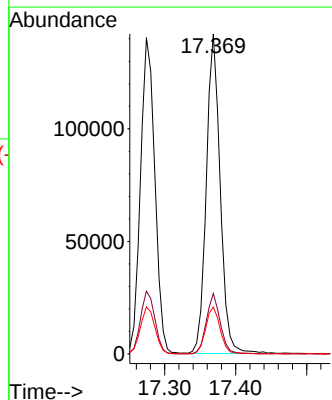
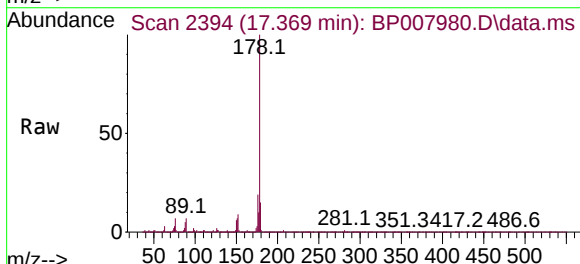
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

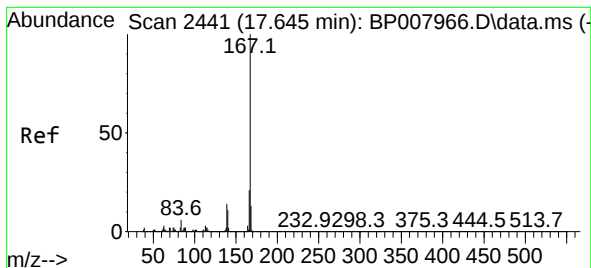
Tgt Ion:178 Resp: 197075
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 14.9 12.3 18.5



#72
Anthracene
Concen: 4.444 ng
RT: 17.369 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:178 Resp: 193300
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 14.7 12.2 18.4





#73

Carbazole

Concen: 3.977 ng

RT: 17.645 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

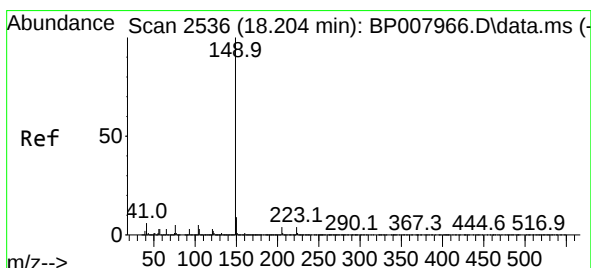
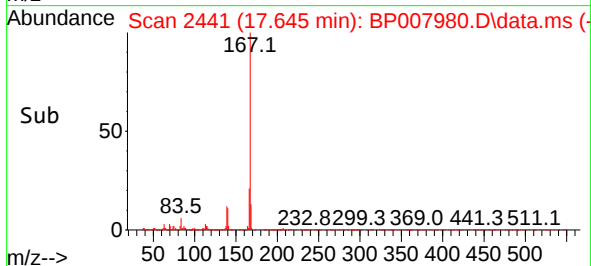
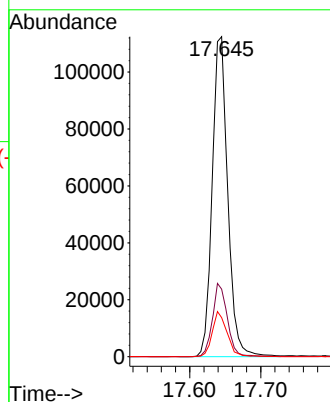
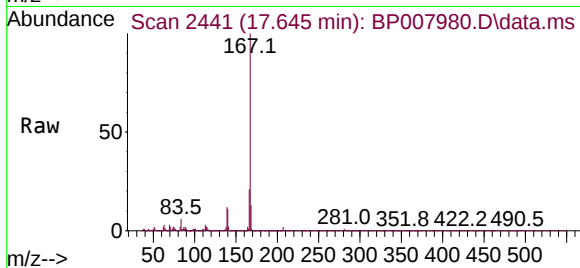
Tgt Ion:167 Resp: 170344

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

139 12.2 10.4 15.6



#74

Di-n-butylphthalate

Concen: 3.958 ng

RT: 18.198 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

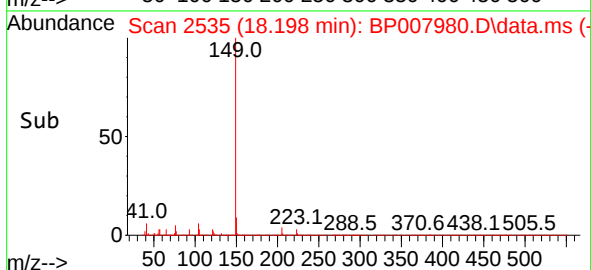
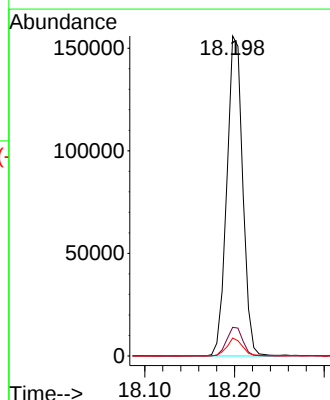
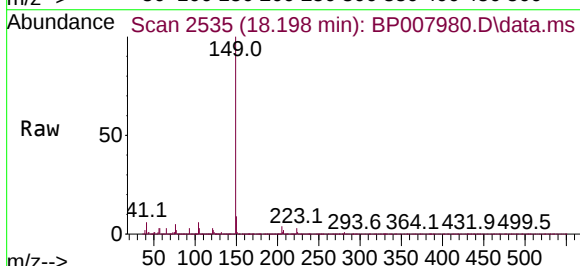
Tgt Ion:149 Resp: 191860

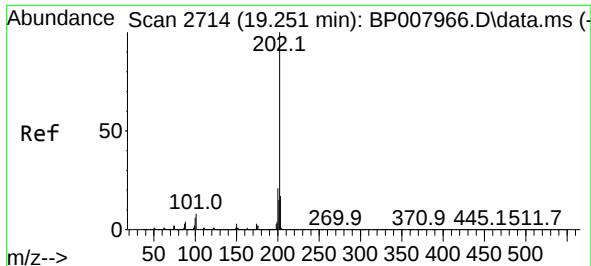
Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

104 5.6 4.2 6.4

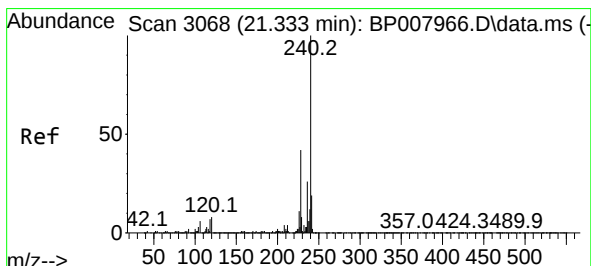
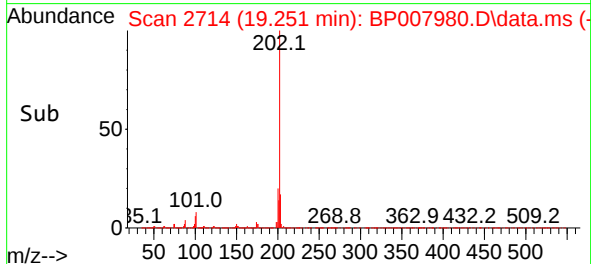
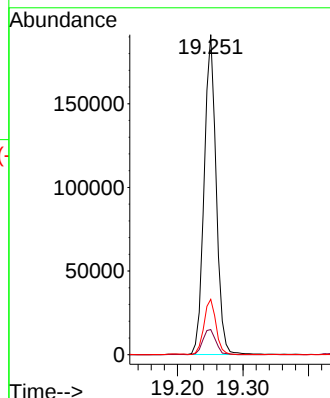
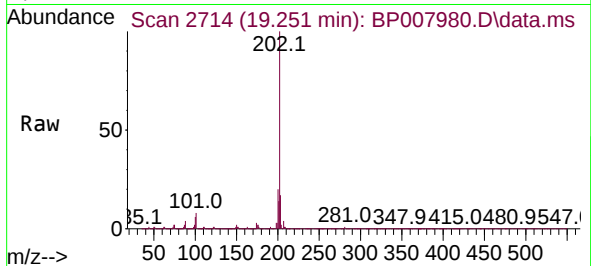




#75
Fluoranthene
Concen: 4.343 ng
RT: 19.251 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

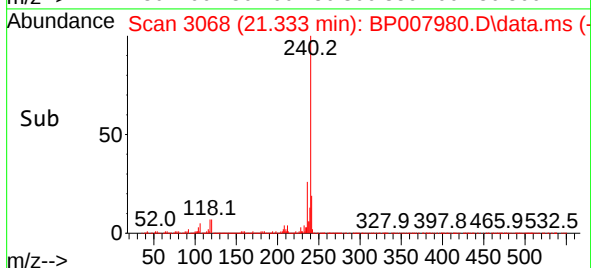
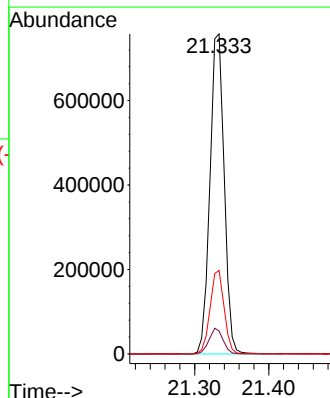
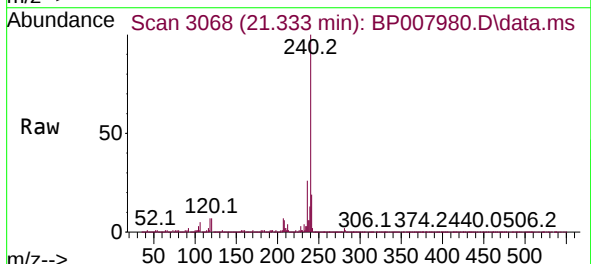
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

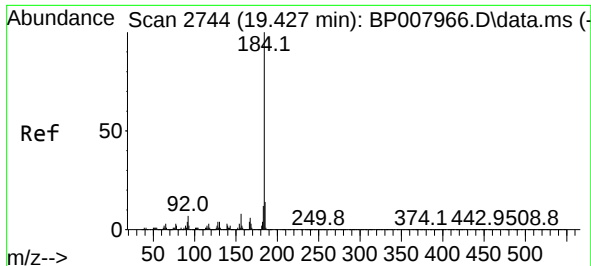
Tgt Ion:202 Resp: 243950
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.4
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:240 Resp: 1012128
Ion Ratio Lower Upper
240 100
120 7.1 7.8 11.8#
236 26.1 20.6 30.8

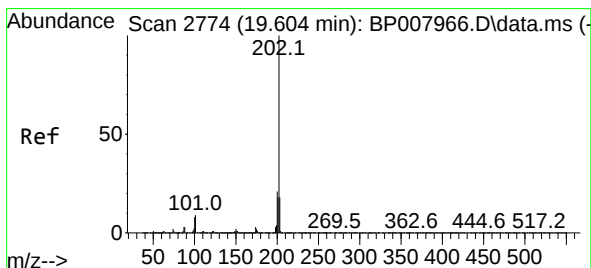
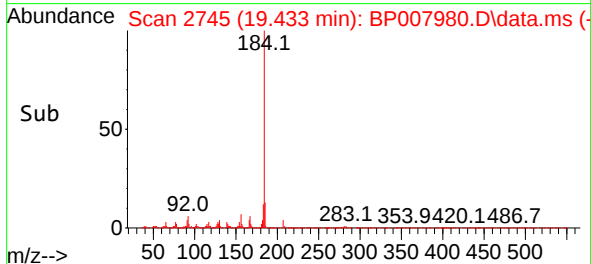
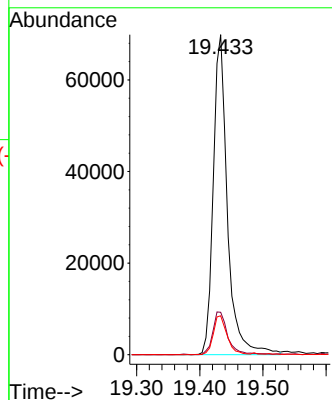
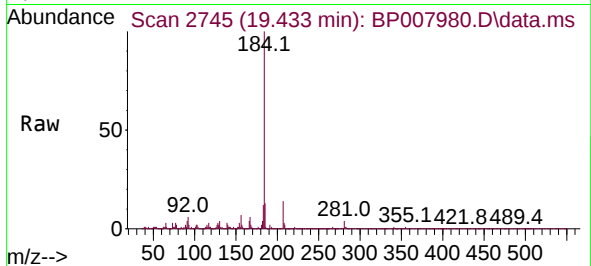




#77
Benzidine
Concen: 6.991 ng
RT: 19.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

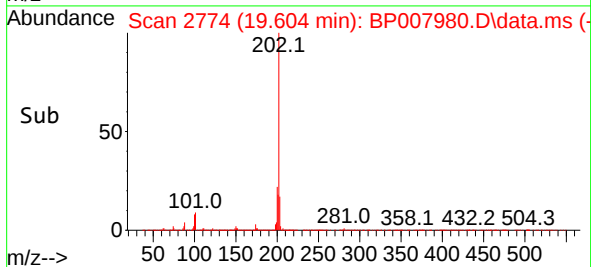
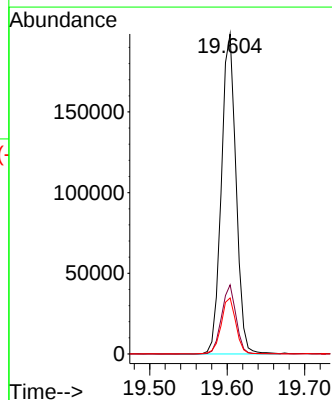
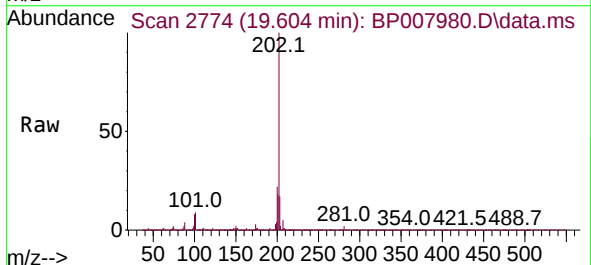
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

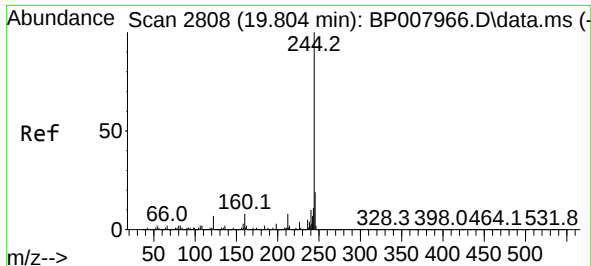
Tgt Ion:184 Resp: 108566
Ion Ratio Lower Upper
184 100
185 13.3 11.2 16.8
183 12.1 9.1 13.7



#78
Pyrene
Concen: 4.312 ng
RT: 19.604 min Scan# 2774
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:202 Resp: 261013
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.5 13.8 20.6

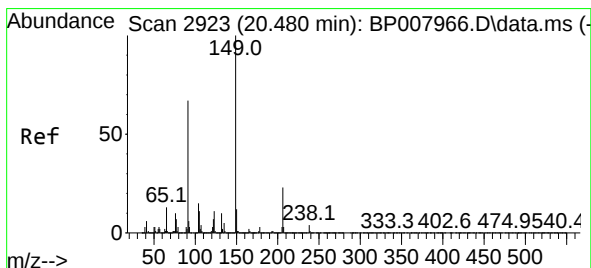
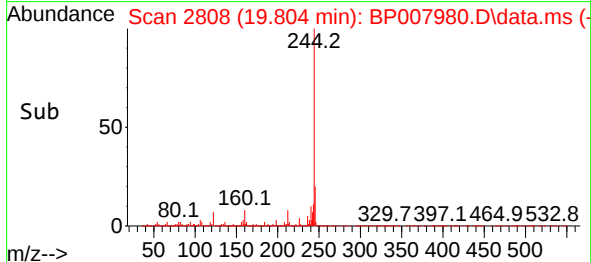
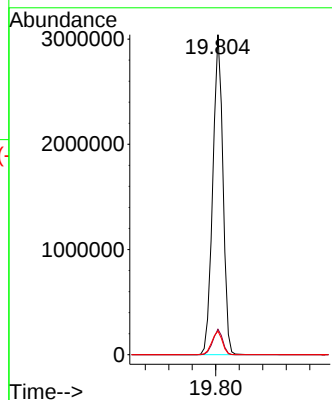
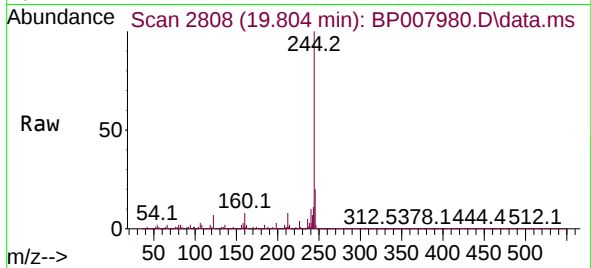




#79
 Terphenyl-d14
 Concen: 73.187 ng
 RT: 19.804 min Scan# 2808
 Delta R.T. -0.000 min
 Lab File: BP007980.D
 Acq: 15 Nov 2021 11:26

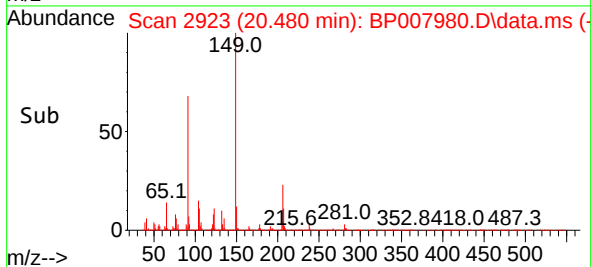
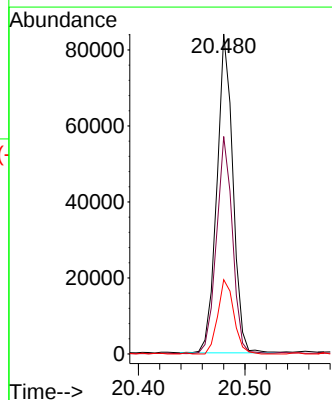
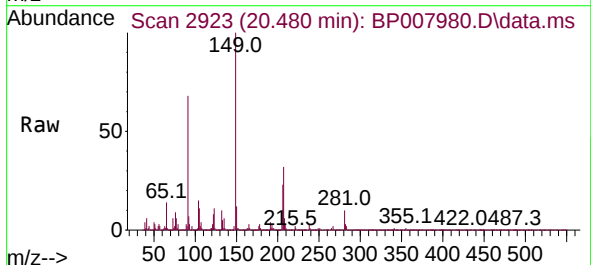
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

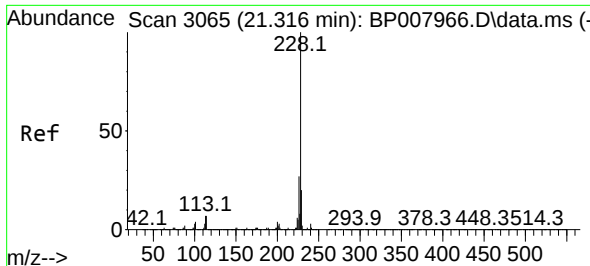
Tgt Ion:244 Resp: 3653129
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 7.3 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 3.514 ng
 RT: 20.480 min Scan# 2923
 Delta R.T. -0.000 min
 Lab File: BP007980.D
 Acq: 15 Nov 2021 11:26

Tgt Ion:149 Resp: 87813
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.6 85.0
 206 23.2 17.4 26.2

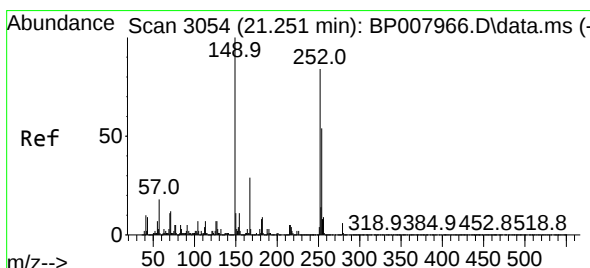
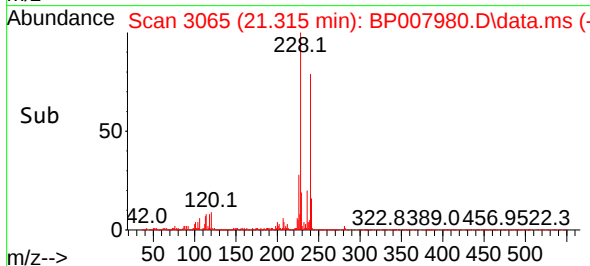
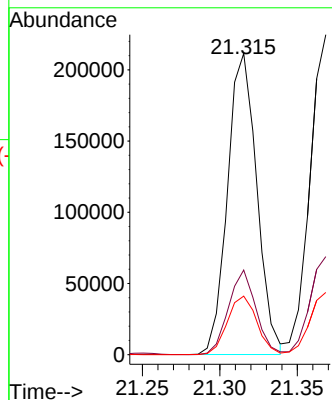
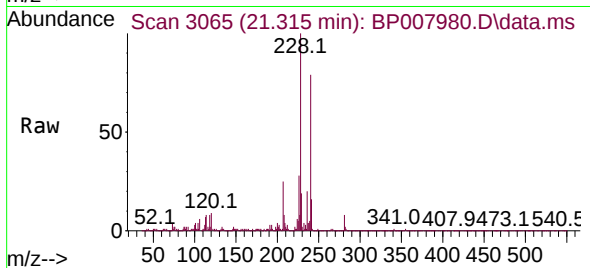




#81
Benzo(a)anthracene
Concen: 4.172 ng
RT: 21.315 min Scan# 3065
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

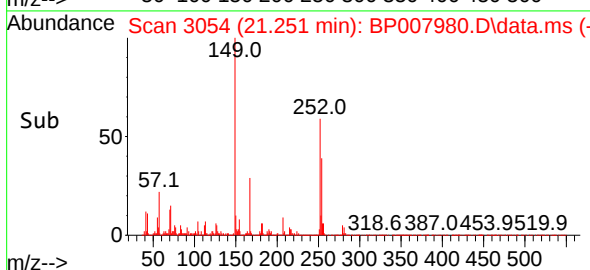
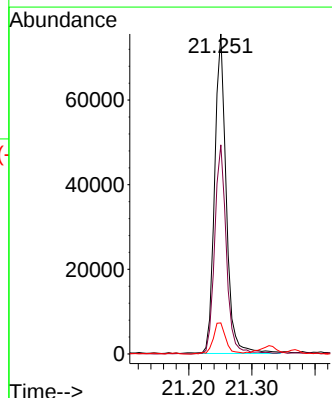
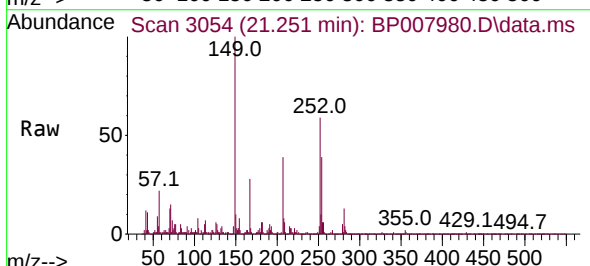
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

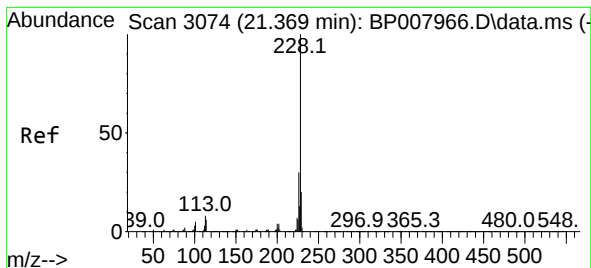
Tgt Ion:228 Resp: 277978
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 3.138 ng
RT: 21.251 min Scan# 3054
Delta R.T. -0.000 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:252 Resp: 96508
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 9.7 8.5 12.7





#83

Chrysene

Concen: 4.403 ng

RT: 21.368 min Scan# 3074

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

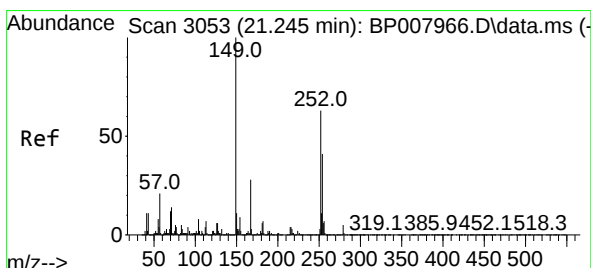
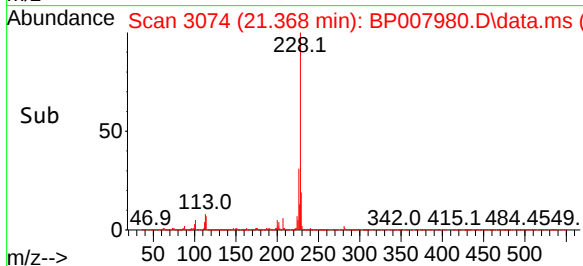
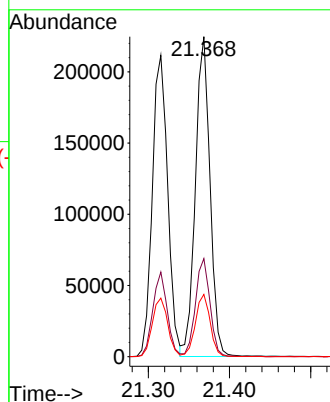
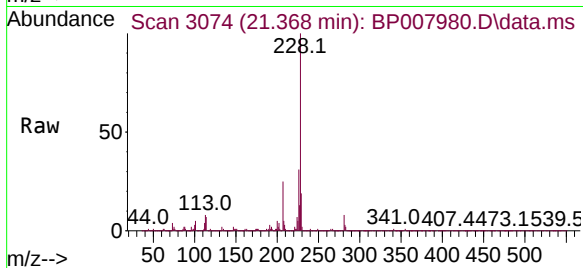
Tgt Ion:228 Resp: 281220

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.911 ng

RT: 21.251 min Scan# 3054

Delta R.T. 0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

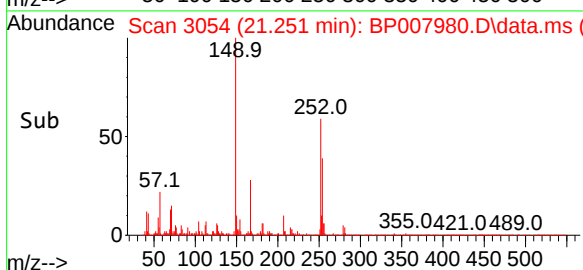
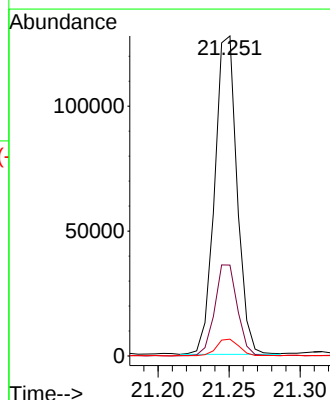
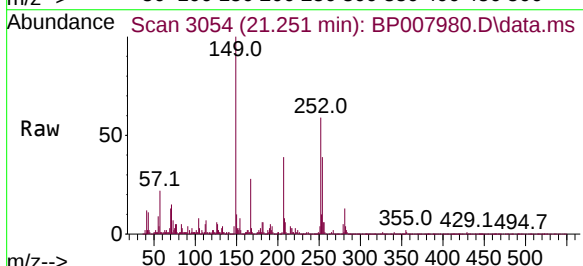
Tgt Ion:149 Resp: 139554

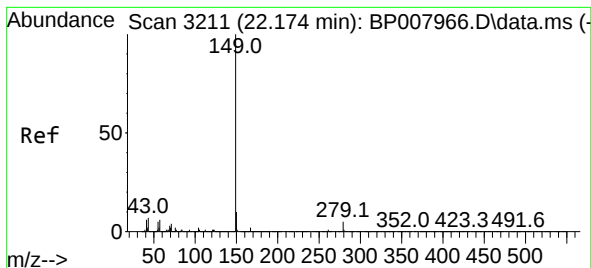
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 5.3 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 3.662 ng

RT: 22.174 min Scan# 3211

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

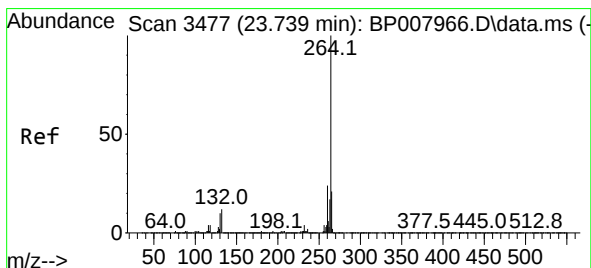
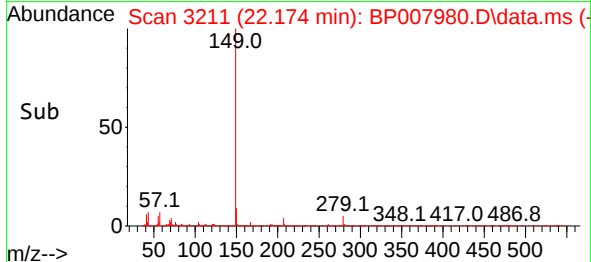
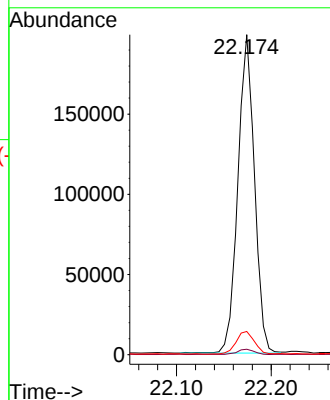
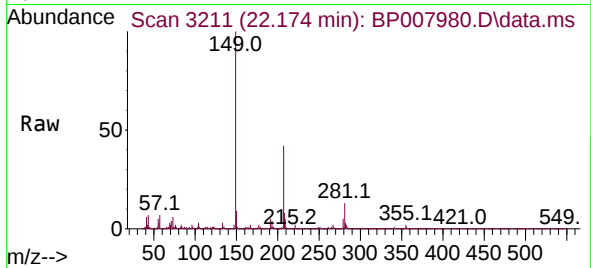
Tgt Ion:149 Resp: 240779

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3477

Delta R.T. -0.000 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

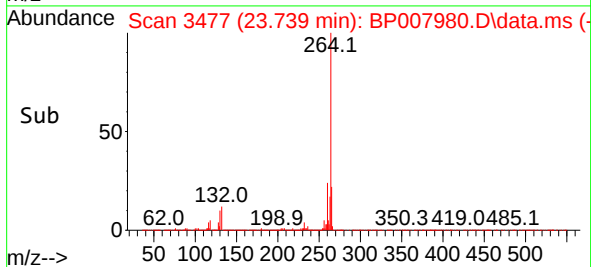
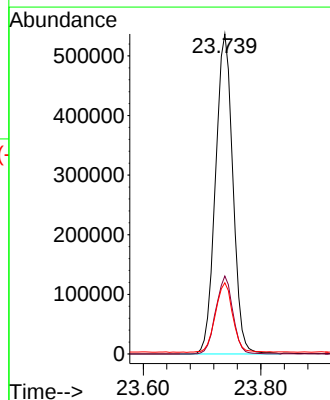
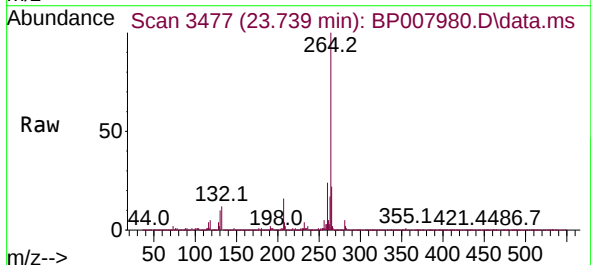
Tgt Ion:264 Resp: 1101601

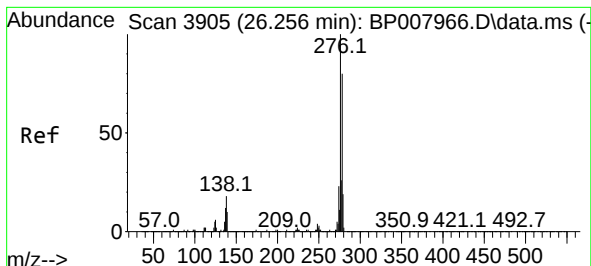
Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 22.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.078 ng

RT: 26.244 min Scan# 3905

Delta R.T. -0.012 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

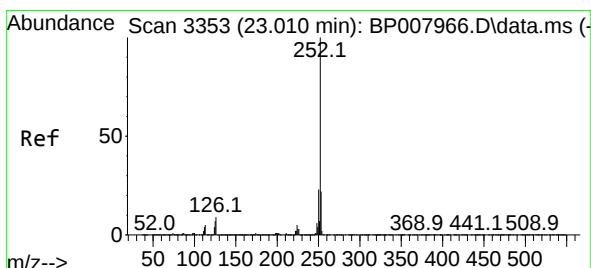
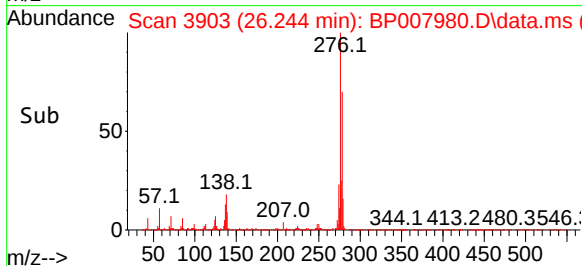
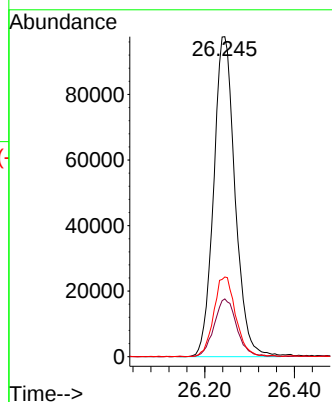
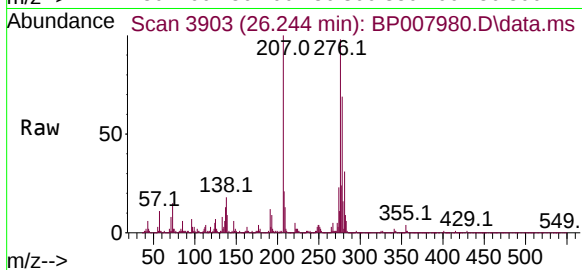
Tgt Ion:276 Resp: 324316

Ion Ratio Lower Upper

276 100

138 18.9 19.4 29.0#

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 4.568 ng

RT: 23.003 min Scan# 3352

Delta R.T. -0.006 min

Lab File: BP007980.D

Acq: 15 Nov 2021 11:26

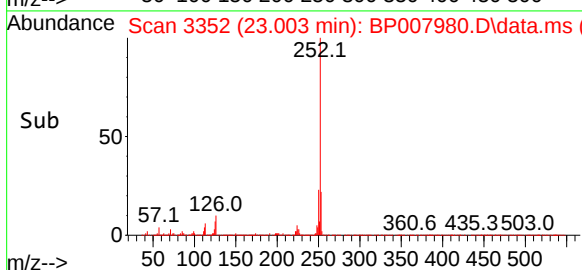
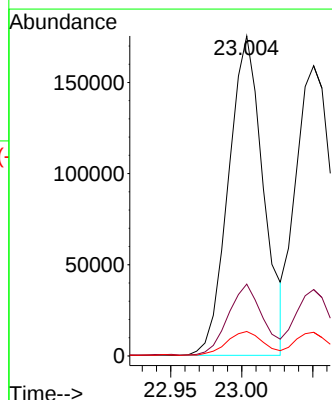
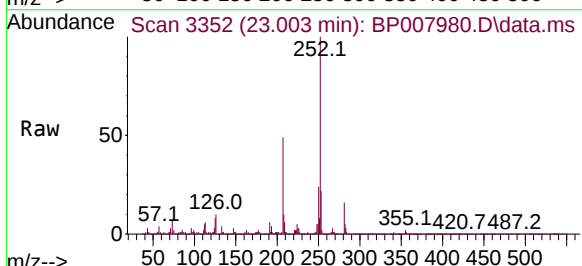
Tgt Ion:252 Resp: 299550

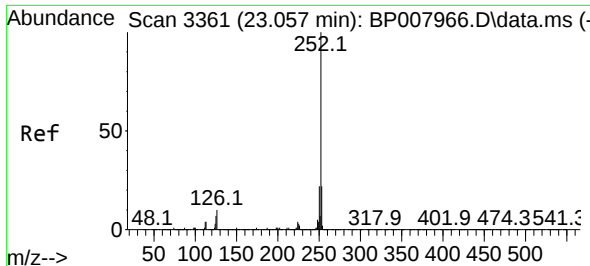
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 7.6 7.4 11.0

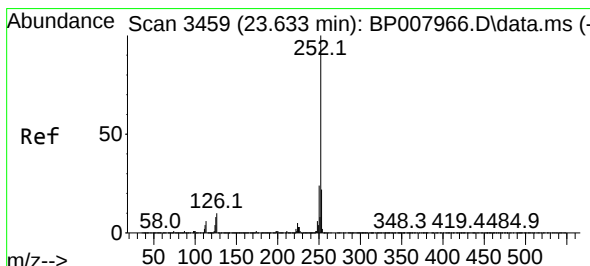
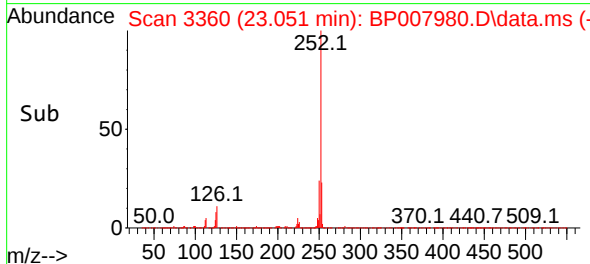
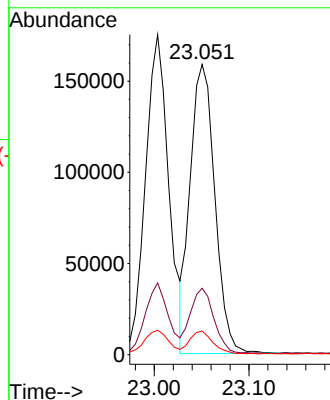
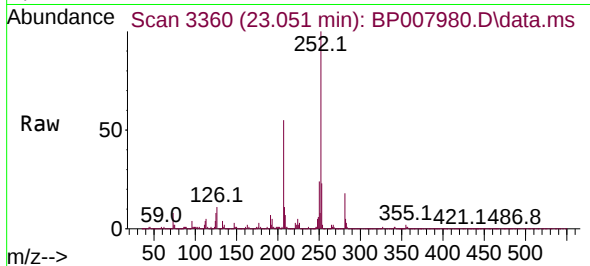




#89
Benzo(k)fluoranthene
Concen: 4.381 ng
RT: 23.051 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

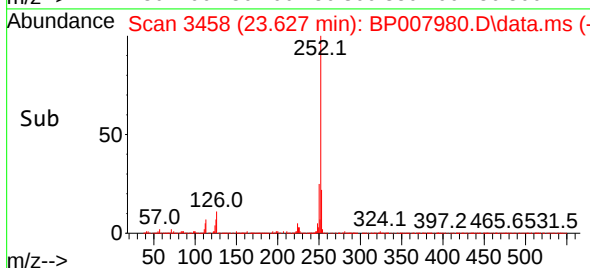
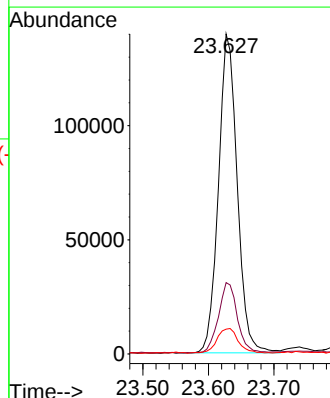
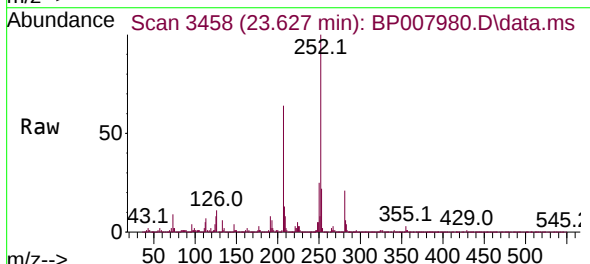
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

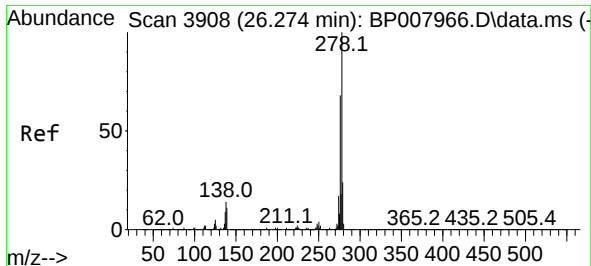
Tgt Ion:252 Resp: 287001
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 8.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 4.936 ng
RT: 23.627 min Scan# 3458
Delta R.T. -0.006 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:252 Resp: 276818
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.7 8.4 12.6#

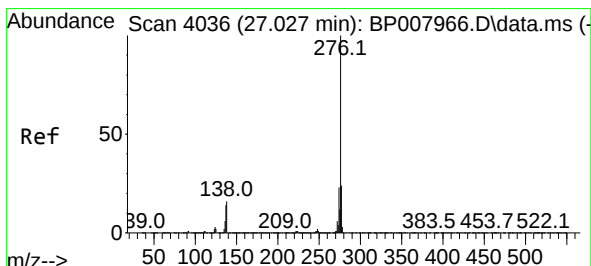
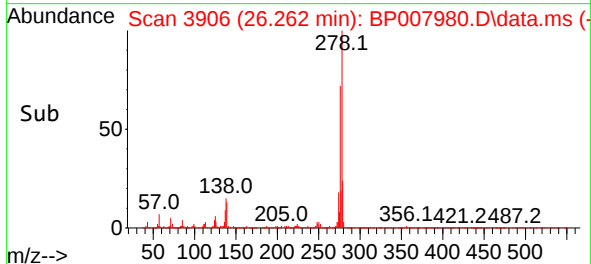
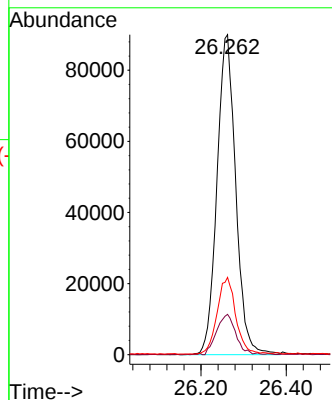
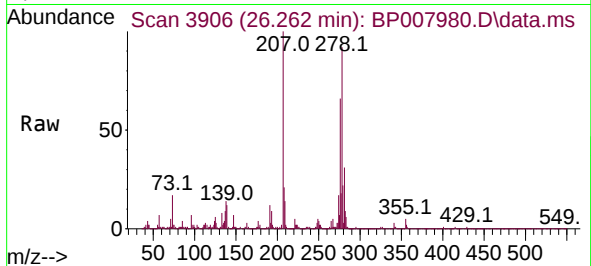




#91
Dibenzo(a,h)anthracene
Concen: 4.169 ng
RT: 26.262 min Scan# 3908
Delta R.T. -0.012 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:278 Resp: 275093
Ion Ratio Lower Upper
278 100
139 12.6 11.8 17.6
279 24.1 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 4.199 ng
RT: 27.009 min Scan# 4033
Delta R.T. -0.018 min
Lab File: BP007980.D
Acq: 15 Nov 2021 11:26

Tgt Ion:276 Resp: 273062
Ion Ratio Lower Upper
276 100
277 21.7 19.4 29.0
138 17.1 16.2 24.4

