

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011731.D
 Acq On : 19 Sep 2022 11:38
 Operator : CG/JU
 Sample : N3980-03
 Misc : MDL-MDL-SOIL-4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 19 13:46:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 13:46:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	422423	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	1666979	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	934705	20.000	ng	-0.01
64) Phenanthrene-d10	17.328	188	1798999	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1607649	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1519186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2403305	103.558	ng	0.00
7) Phenol-d6	7.093	99	3162974	102.243	ng	0.00
23) Nitrobenzene-d5	9.105	82	2144499	76.296	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	692127	94.770	ng	-0.01
45) 2-Fluorobiphenyl	13.204	172	4590179	76.336	ng	0.00
79) Terphenyl-d14	19.881	244	5797481	78.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	40270	3.940	ng	# 85
3) Pyridine	3.799	79	80735	2.740	ng	# 80
4) n-Nitrosodimethylamine	3.693	42	41698	3.692	ng	# 52
6) Aniline	7.264	93	146221	3.837	ng	# 88
8) 2-Chlorophenol	7.499	128	101171	3.677	ng	92
9) Benzaldehyde	7.075	77	92937	4.693	ng	95
10) Phenol	7.116	94	128311	3.688	ng	92
11) bis(2-Chloroethyl)ether	7.358	93	101217	3.652	ng	93
12) 1,3-Dichlorobenzene	7.969	146	115356	3.780	ng	94
13) 1,4-Dichlorobenzene	7.969	146	115356	3.717	ng	97
14) 1,2-Dichlorobenzene	8.293	146	111908	3.783	ng	95
15) Benzyl Alcohol	8.175	79	74031	3.352	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.475	45	147632	3.988	ng	93
17) 2-Methylphenol	8.381	107	72300	3.200	ng	92
18) Hexachloroethane	9.022	117	39346	3.665	ng	90
19) n-Nitroso-di-n-propyla...	8.746	70	67957	3.393	ng	# 84
20) 3+4-Methylphenols	8.705	107	94312	3.040	ng	94
22) Acetophenone	8.763	105	144402	3.695	ng	# 91
24) Nitrobenzene	9.146	77	118208	4.042	ng	92
25) Isophorone	9.675	82	165921	3.337	ng	97
26) 2-Nitrophenol	9.857	139	30314	2.527	ng	91
27) 2,4-Dimethylphenol	9.916	122	74479	3.583	ng	88
28) bis(2-Chloroethoxy)met...	10.157	93	127021	3.995	ng	99
29) 2,4-Dichlorophenol	10.393	162	66587	2.892	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	89858	3.525	ng	99
31) Naphthalene	10.799	128	317269	3.668	ng	99
32) Benzoic acid	9.975	122	11179	0.719	ng	# 77
33) 4-Chloroaniline	10.910	127	113063	3.331	ng	93
34) Hexachlorobutadiene	11.087	225	47990	3.417	ng	98
35) Caprolactam	11.681	113	15313	2.052	ng	# 82
36) 4-Chloro-3-methylphenol	12.022	107	72893	2.943	ng	95
37) 2-Methylnaphthalene	12.404	142	200559	3.464	ng	96
38) 1-Methylnaphthalene	12.622	142	191325	3.380	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	89829	3.641	ng	98
41) Hexachlorocyclopentadiene	12.751	237	44166	3.587	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	43189	2.574	ng	99

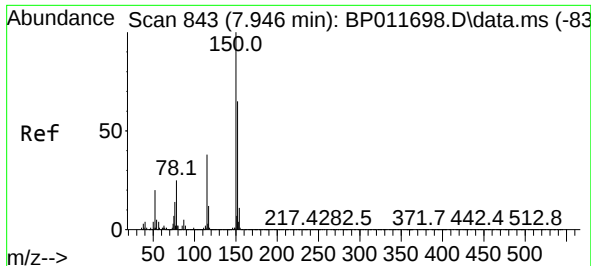
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	53552	2.854	ng	96
46) 1,1'-Biphenyl	13.410	154	266363	3.917	ng	99
47) 2-Chloronaphthalene	13.451	162	197670	3.695	ng	98
48) 2-Nitroaniline	13.657	65	37465	2.497	ng	90
49) Acenaphthylene	14.298	152	262890	3.176	ng	99
50) Dimethylphthalate	14.034	163	216911	3.326	ng	98
51) 2,6-Dinitrotoluene	14.146	165	32834	2.483	ng	94
52) Acenaphthene	14.640	154	180939	3.286	ng	95
53) 3-Nitroaniline	14.481	138	35271	2.313	ng #	96
54) 2,4-Dinitrophenol	14.687	184	9696	1.505	ng	93
55) Dibenzofuran	14.975	168	290675	3.666	ng	97
56) 4-Nitrophenol	14.781	139	23479	1.827	ng #	80
57) 2,4-Dinitrotoluene	14.934	165	37514	2.190	ng	95
58) Fluorene	15.622	166	223119	3.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	36349	2.358	ng	96
60) Diethylphthalate	15.393	149	211453	3.257	ng	96
61) 4-Chlorophenyl-phenyle...	15.622	204	102648	3.453	ng	99
62) 4-Nitroaniline	15.640	138	31737	2.071	ng #	84
63) Azobenzene	15.910	77	190446	3.053	ng	91
65) 4,6-Dinitro-2-methylph...	15.692	198	14953	1.700	ng	90
66) n-Nitrosodiphenylamine	15.834	169	179777	3.359	ng	96
67) 4-Bromophenyl-phenylether	16.516	248	52595	3.123	ng	93
68) Hexachlorobenzene	16.628	284	60547	3.338	ng #	91
69) Atrazine	16.787	200	49233	3.013	ng	94
70) Pentachlorophenol	16.975	266	24215	2.105	ng	96
71) Phenanthrene	17.369	178	349045	3.566	ng	99
72) Anthracene	17.463	178	308525	3.332	ng	99
73) Carbazole	17.734	167	286416	3.279	ng	99
74) Di-n-butylphthalate	18.281	149	286833	2.725	ng	99
75) Fluoranthene	19.333	202	341850	3.238	ng	96
77) Benzidine	19.516	184	117421	3.071	ng	99
78) Pyrene	19.686	202	360952	3.329	ng	99
80) Butylbenzylphthalate	20.557	149	107827	2.373	ng	96
81) Benzo(a)anthracene	21.392	228	345613	3.335	ng	97
82) 3,3'-Dichlorobenzidine	21.327	252	100521	3.194	ng #	97
83) Chrysene	21.445	228	345216	3.487	ng	99
84) Bis(2-ethylhexyl)phtha...	21.316	149	155211	2.375	ng #	96
85) Di-n-octyl phthalate	22.257	149	231932	2.068	ng	99
87) Indeno(1,2,3-cd)pyrene	26.421	276	339436	3.101	ng #	88
88) Benzo(b)fluoranthene	23.110	252	324890	3.458	ng #	95
89) Benzo(k)fluoranthene	23.157	252	323548	3.417	ng #	95
90) Benzo(a)pyrene	23.751	252	263296	3.392	ng #	95
91) Dibenzo(a,h)anthracene	26.439	278	299837	3.299	ng #	90
92) Benzo(g,h,i)perylene	27.204	276	296303	3.344	ng #	88

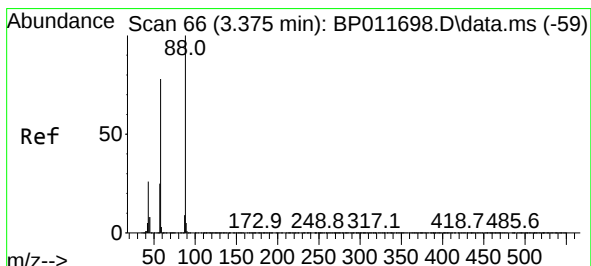
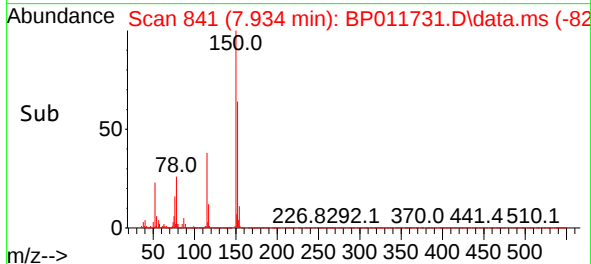
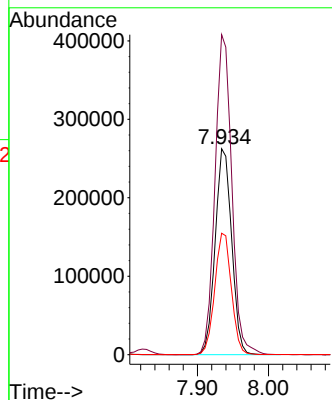
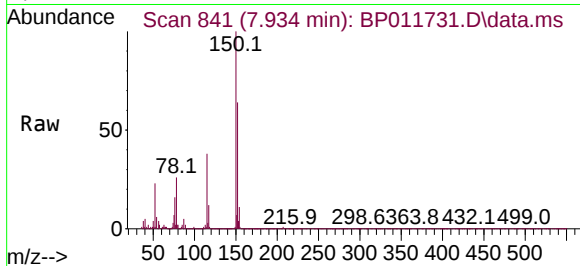
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

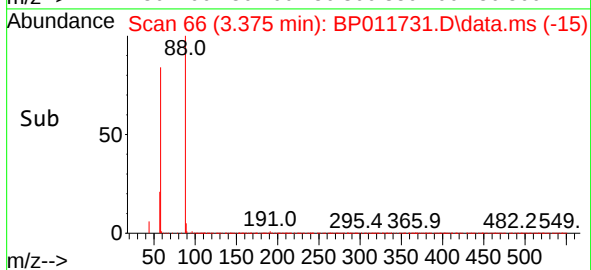
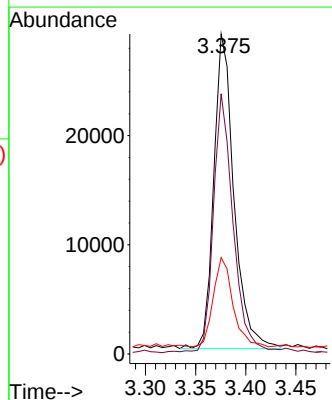
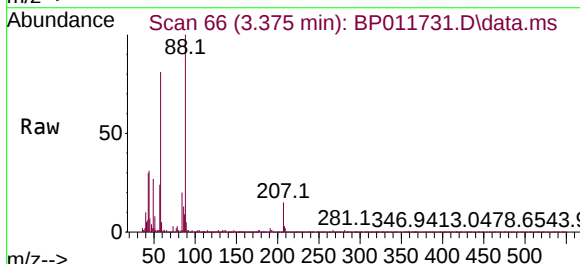
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

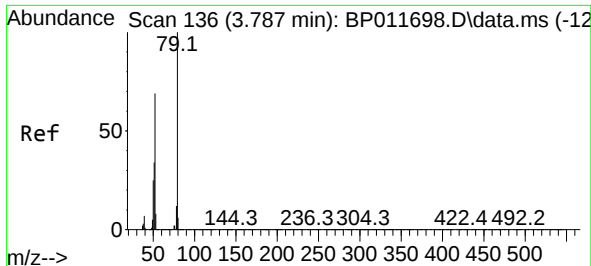
Tgt Ion:152 Resp: 422423
Ion Ratio Lower Upper
152 100
150 155.4 123.4 185.2
115 59.0 51.3 76.9



#2
1,4-Dioxane
Concen: 3.940 ng
RT: 3.375 min Scan# 66
Delta R.T. 0.000 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 88 Resp: 40270
Ion Ratio Lower Upper
88 100
58 80.6 74.5 111.7
43 27.5 31.5 47.3#





#3

Pyridine

Concen: 2.740 ng

RT: 3.799 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

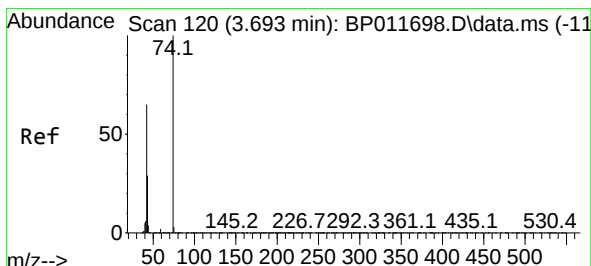
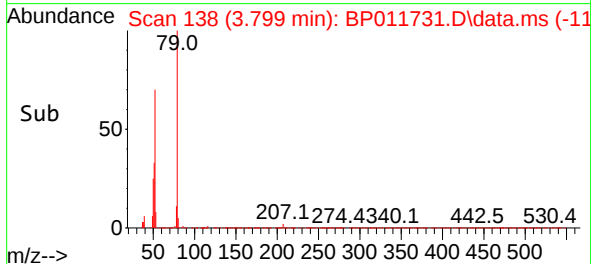
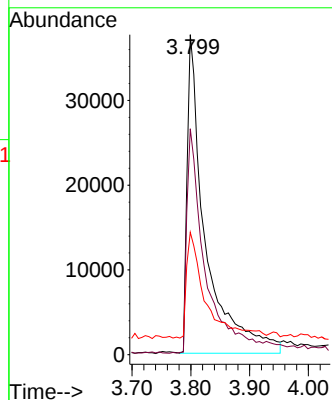
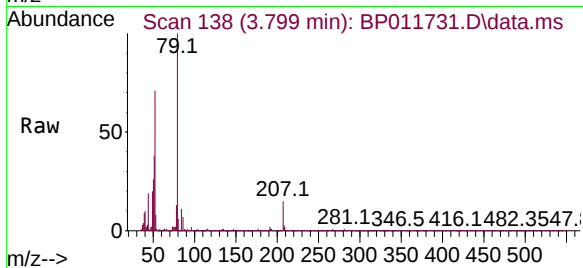
Tgt Ion: 79 Resp: 80735

Ion Ratio Lower Upper

79 100

52 70.6 73.5 110.3#

51 38.2 38.6 57.8#



#4

n-Nitrosodimethylamine

Concen: 3.692 ng

RT: 3.693 min Scan# 120

Delta R.T. 0.000 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

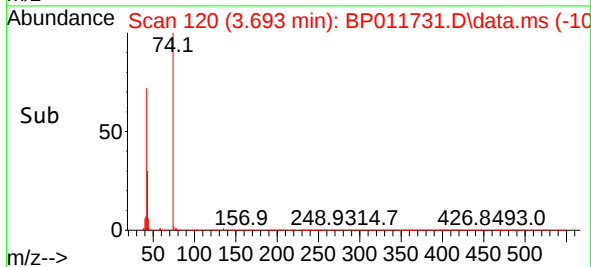
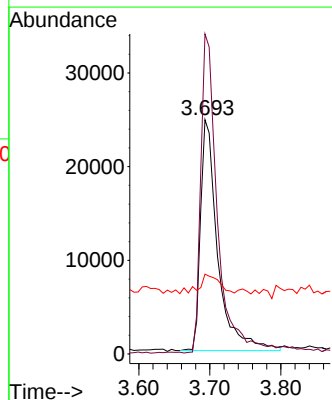
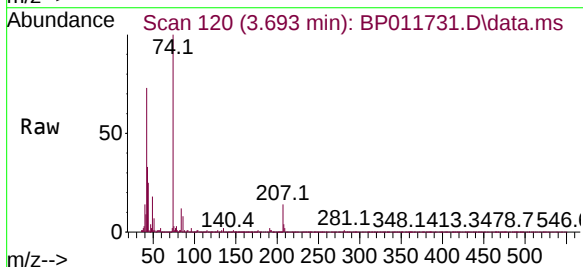
Tgt Ion: 42 Resp: 41698

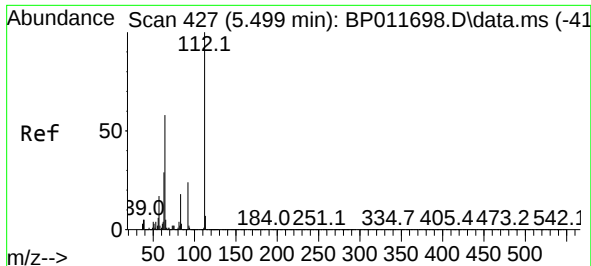
Ion Ratio Lower Upper

42 100

74 136.6 74.4 111.6#

44 34.1 5.7 8.5#

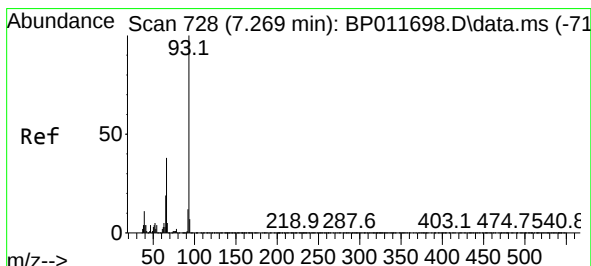
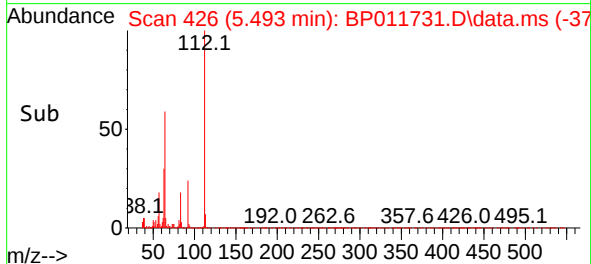
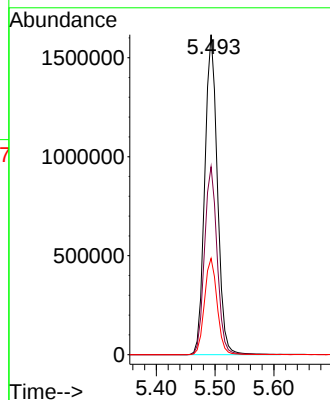
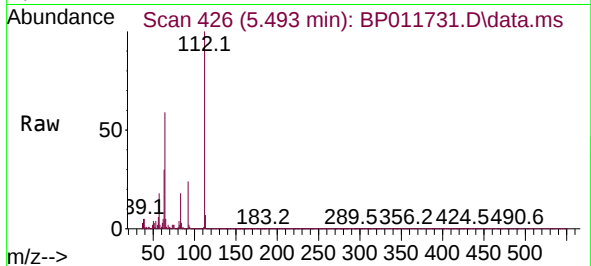




#5
2-Fluorophenol
Concen: 103.558 ng
RT: 5.493 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

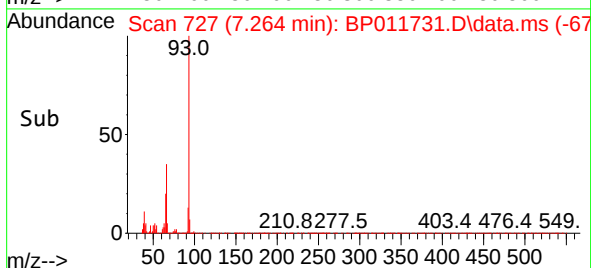
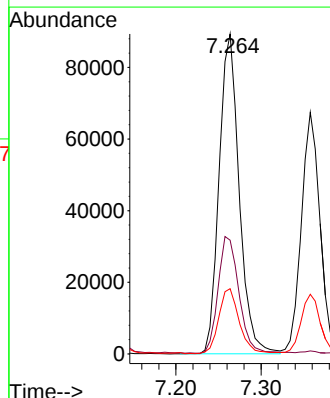
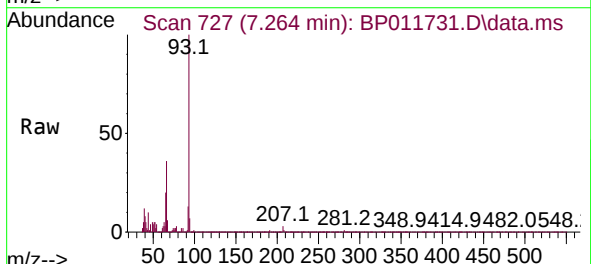
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

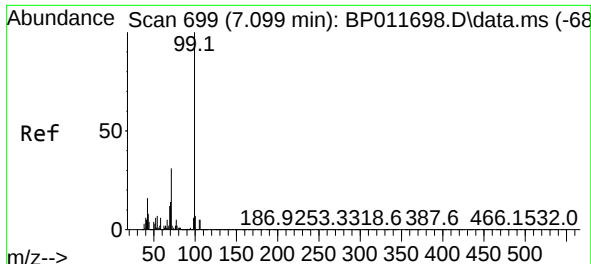
Tgt Ion:112 Resp: 2403305
Ion Ratio Lower Upper
112 100
64 58.7 56.9 85.3
63 30.1 31.2 46.8#



#6
Aniline
Concen: 3.837 ng
RT: 7.264 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 93 Resp: 146221
Ion Ratio Lower Upper
93 100
66 35.5 36.7 55.1#
65 20.4 18.2 27.4

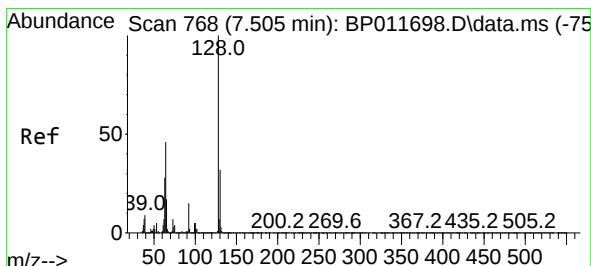
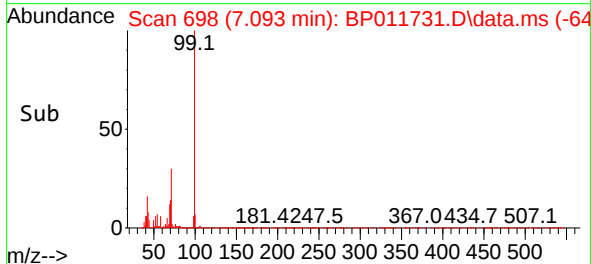
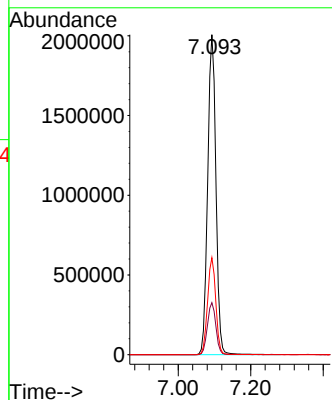
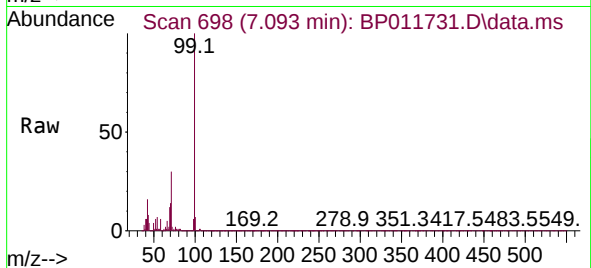




#7
Phenol-d6
Concen: 102.243 ng
RT: 7.093 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

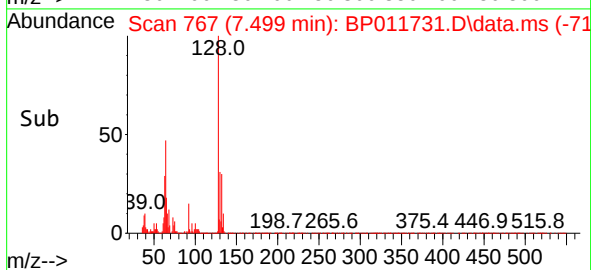
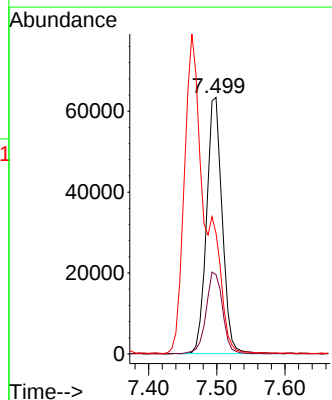
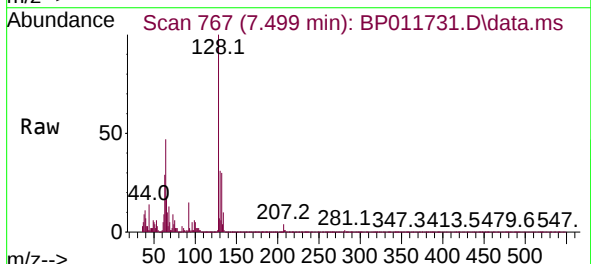
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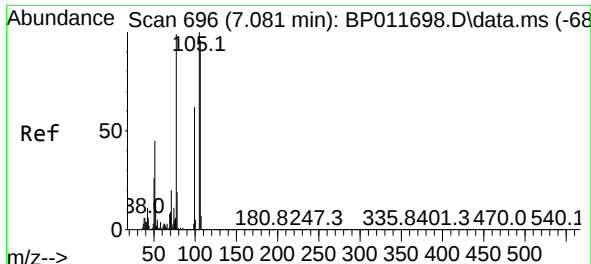
Tgt Ion: 99 Resp: 3162974
Ion Ratio Lower Upper
99 100
42 16.2 20.3 30.5#
71 30.3 33.9 50.9#



#8
2-Chlorophenol
Concen: 3.677 ng
RT: 7.499 min Scan# 767
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:128 Resp: 101171
Ion Ratio Lower Upper
128 100
130 30.9 11.8 51.8
64 47.0 35.3 75.3

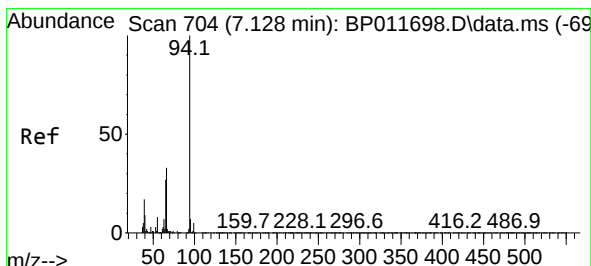
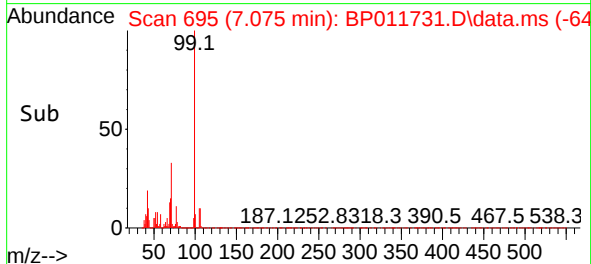
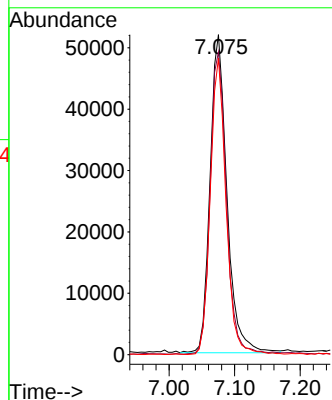
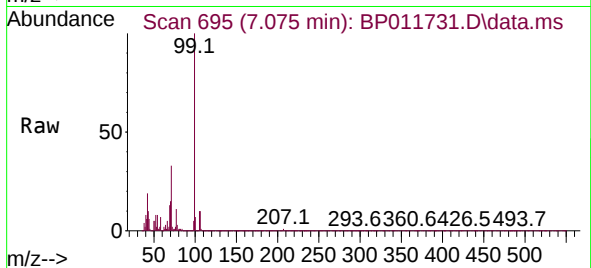




#9
Benzaldehyde
Concen: 4.693 ng
RT: 7.075 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

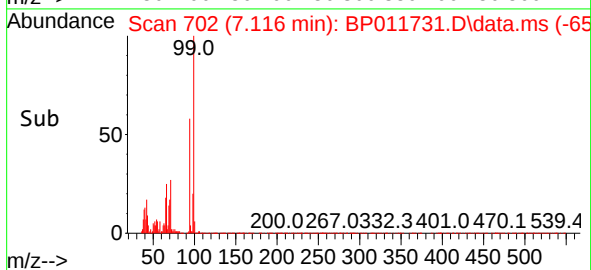
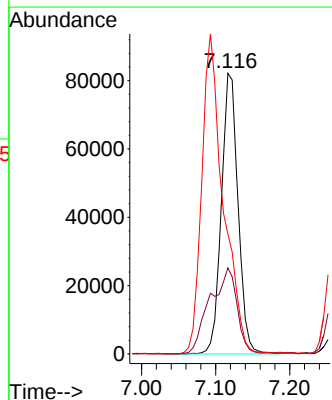
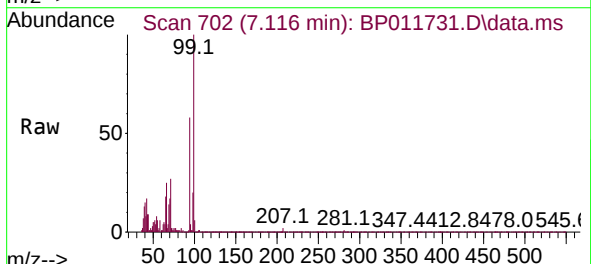
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

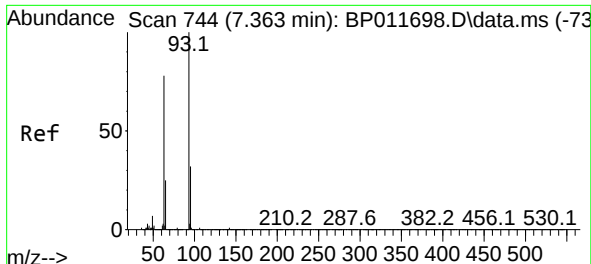
Tgt Ion: 77	Resp: 92937
Ion Ratio	Lower Upper
77 100	
105 94.6	71.4 111.4
106 92.6	66.9 106.9



#10
Phenol
Concen: 3.688 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 94	Resp: 128311
Ion Ratio	Lower Upper
94 100	
65 30.7	14.0 54.0
66 42.8	29.2 69.2

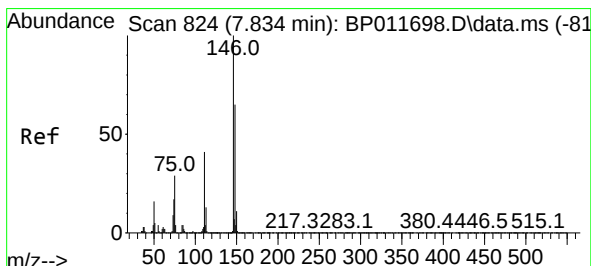
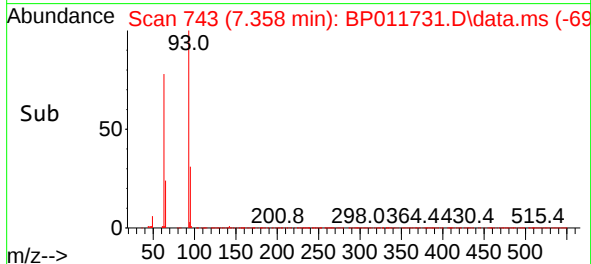
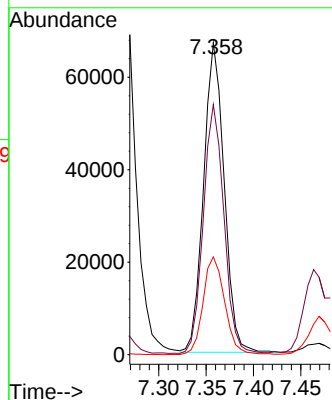
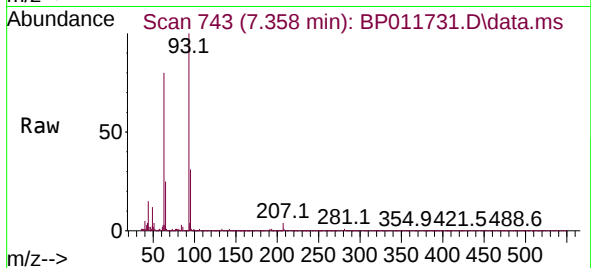




#11
bis(2-Chloroethyl)ether
Concen: 3.652 ng
RT: 7.358 min Scan# 744
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

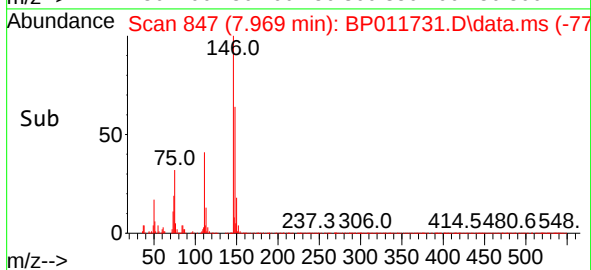
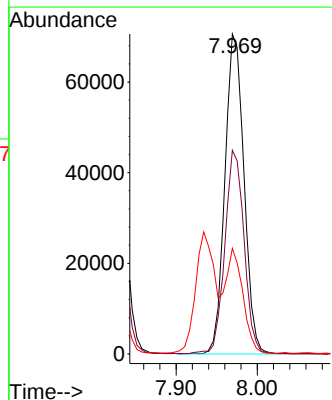
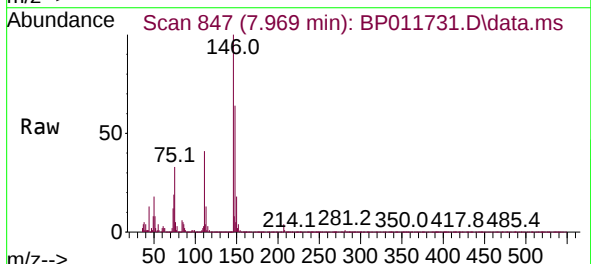
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

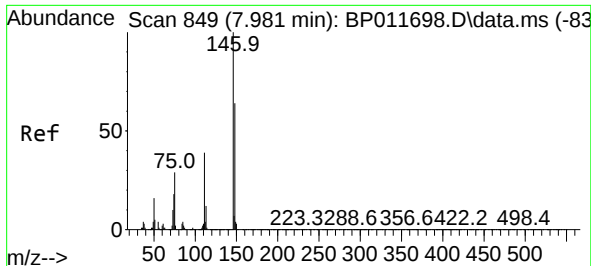
Tgt Ion: 93 Resp: 101217
Ion Ratio Lower Upper
93 100
63 80.2 68.2 108.2
95 31.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 3.780 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.135 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:146 Resp: 115356
Ion Ratio Lower Upper
146 100
148 63.6 53.0 79.4
75 33.0 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 3.717 ng

RT: 7.969 min Scan# 84

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

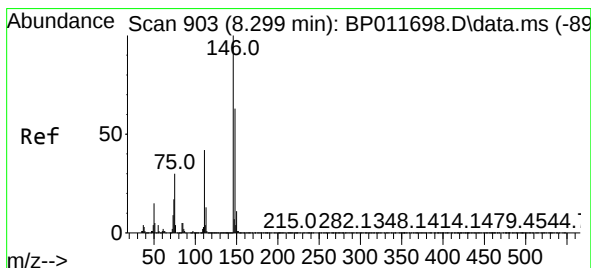
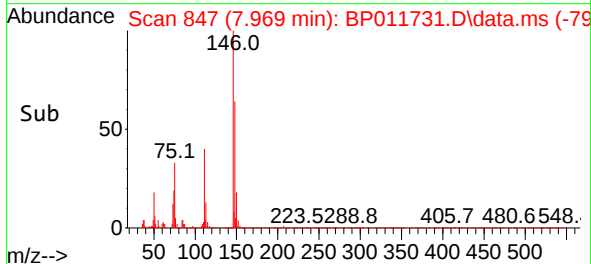
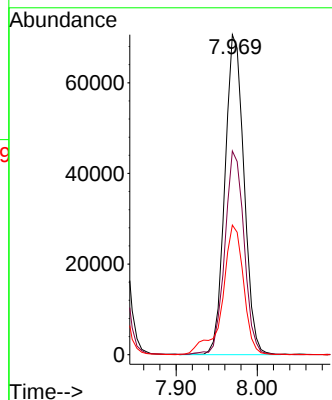
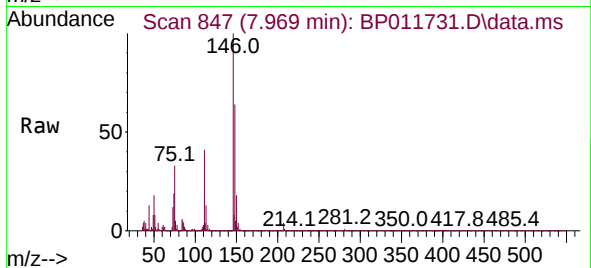
Tgt Ion:146 Resp: 115356

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

111 40.5 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 3.783 ng

RT: 8.293 min Scan# 902

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

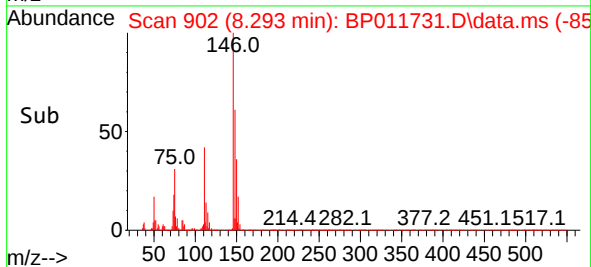
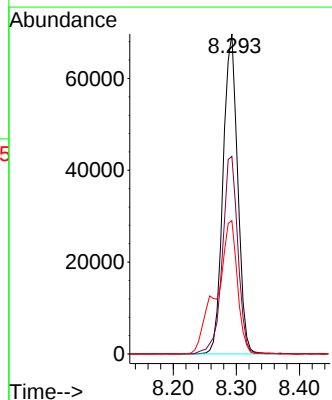
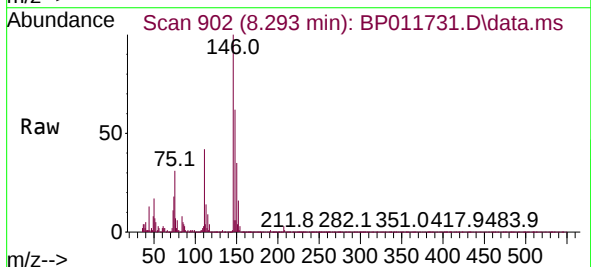
Tgt Ion:146 Resp: 111908

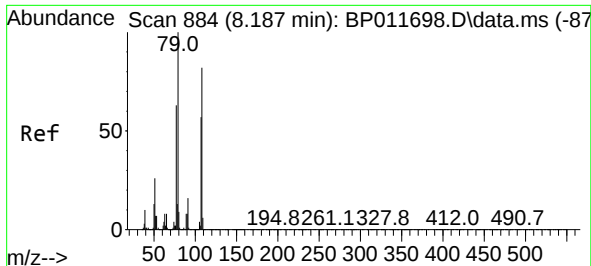
Ion Ratio Lower Upper

146 100

148 61.8 52.2 78.2

111 41.7 36.6 55.0

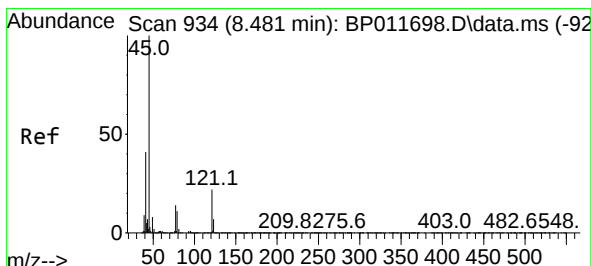
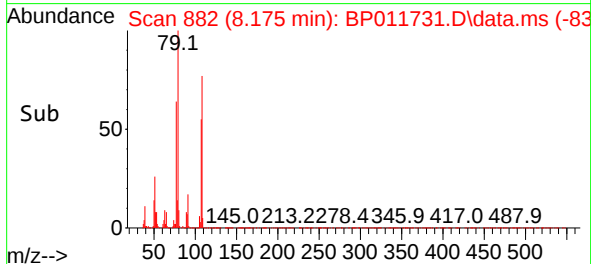
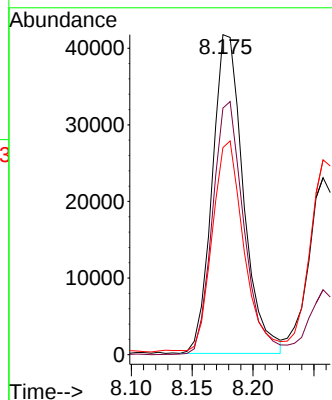
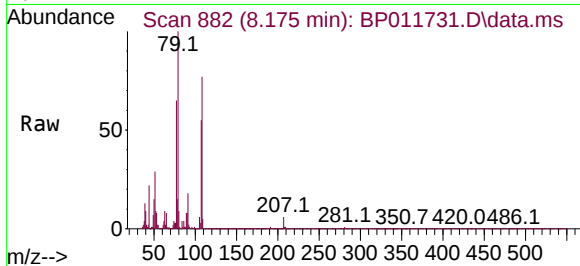




#15
Benzyl Alcohol
Concen: 3.352 ng
RT: 8.175 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

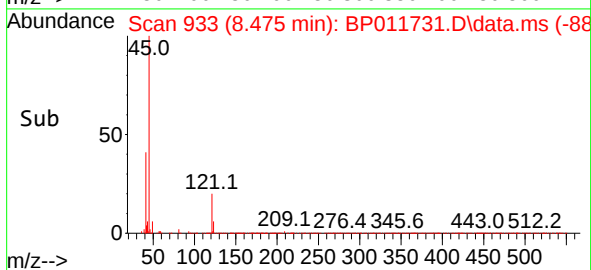
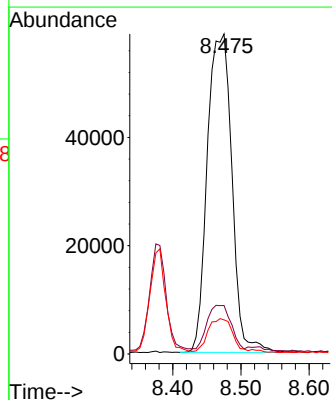
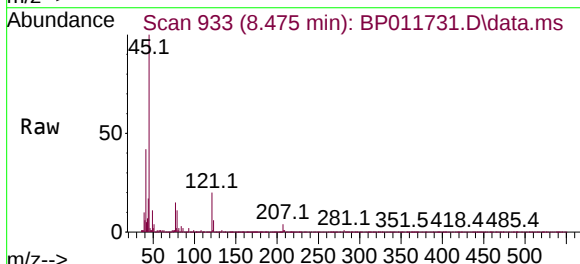
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

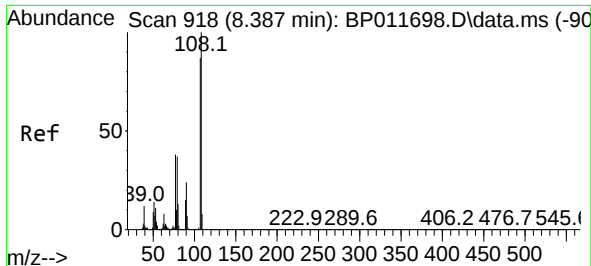
Tgt Ion: 79 Resp: 74031
Ion Ratio Lower Upper
79 100
108 77.1 53.4 80.0
77 64.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.988 ng
RT: 8.475 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 45 Resp: 147632
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 10.6 0.0 28.8

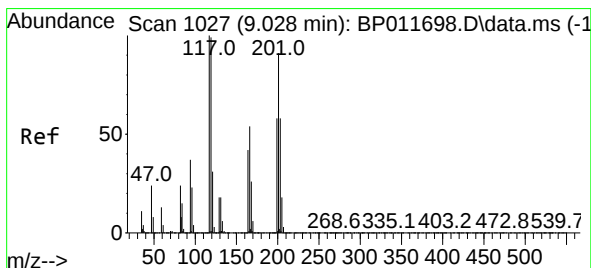
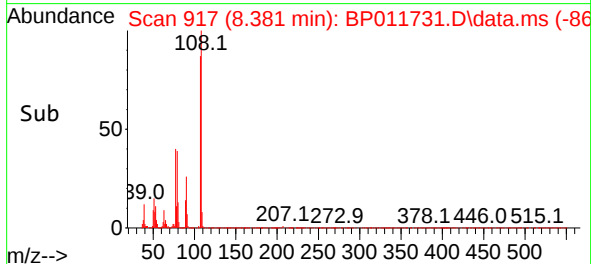
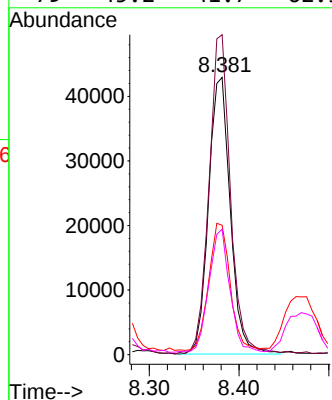
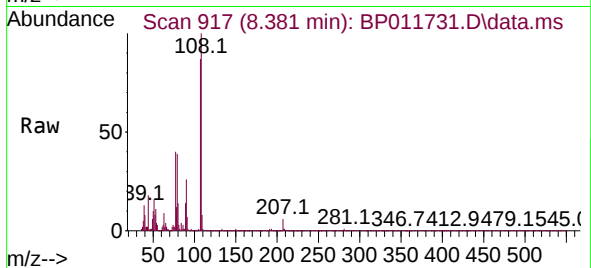




#17
2-Methylphenol
Concen: 3.200 ng
RT: 8.381 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

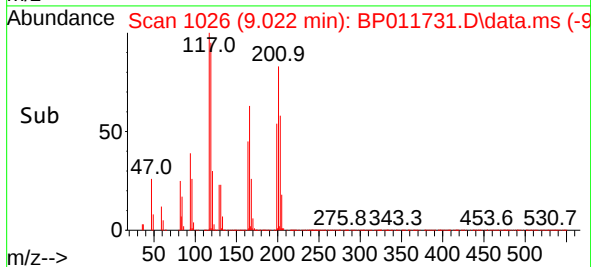
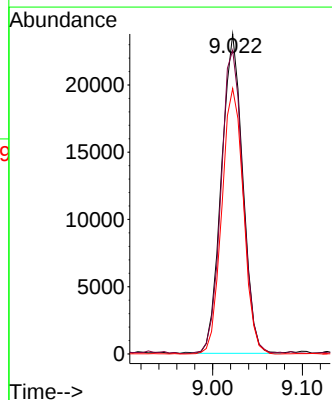
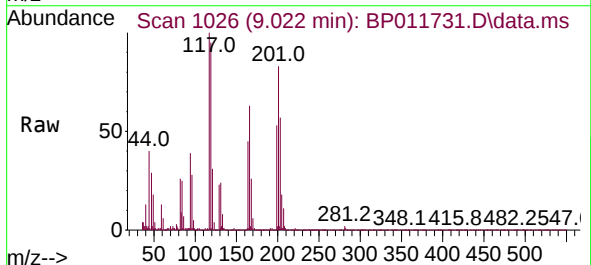
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

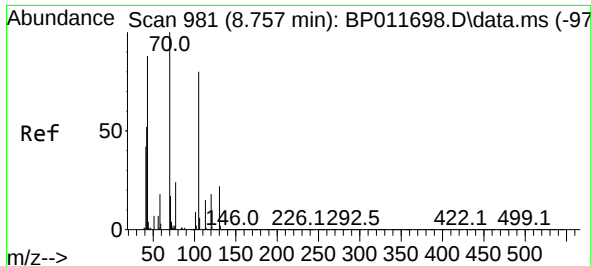
Tgt Ion:	107	Resp:	72300
Ion	Ratio	Lower	Upper
107	100		
108	115.4	88.9	133.3
77	46.7	44.7	67.1
79	45.2	41.7	62.5



#18
Hexachloroethane
Concen: 3.665 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:	117	Resp:	39346
Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.6	113.4
201	83.0	80.9	121.3

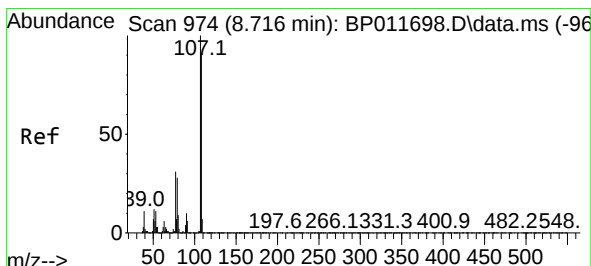
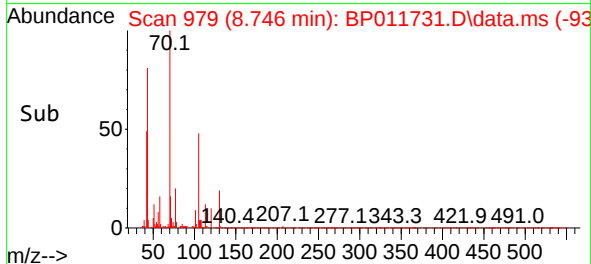
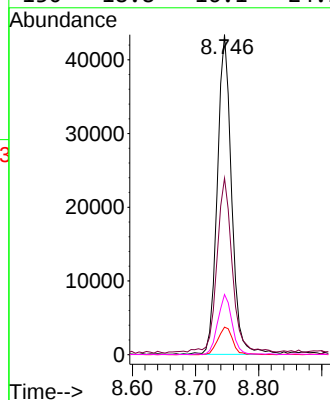
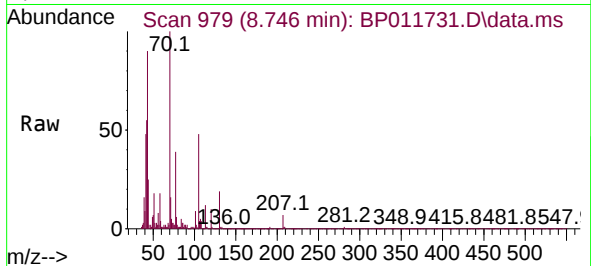




#19
n-Nitroso-di-n-propylamine
Concen: 3.393 ng
RT: 8.746 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

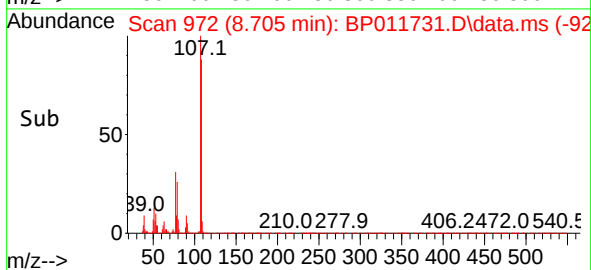
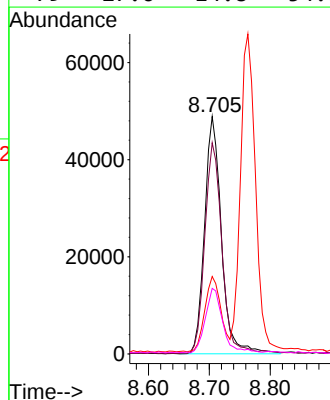
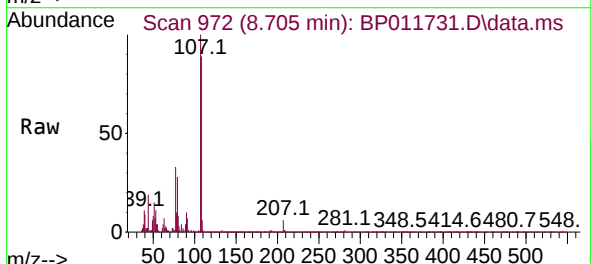
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

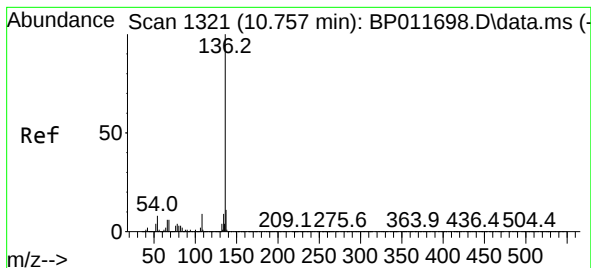
Tgt Ion:	70	Resp:	67957
Ion	Ratio	Lower	Upper
70	100		
42	55.1	58.1	87.1#
101	8.6	8.4	12.6
130	18.8	16.1	24.1



#20
3+4-Methylphenols
Concen: 3.040 ng
RT: 8.705 min Scan# 972
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:	107	Resp:	94312
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.1	107.1
77	32.6	19.2	59.2
79	27.6	14.8	54.8



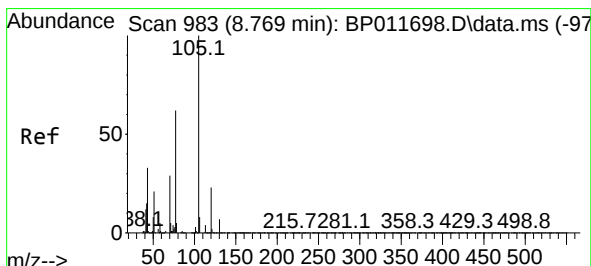
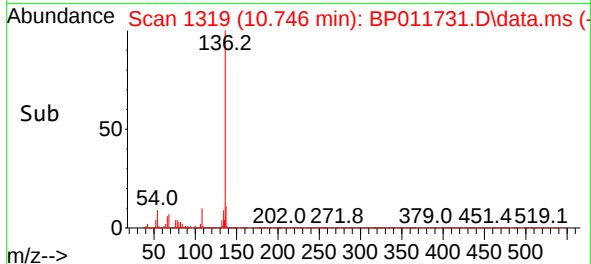
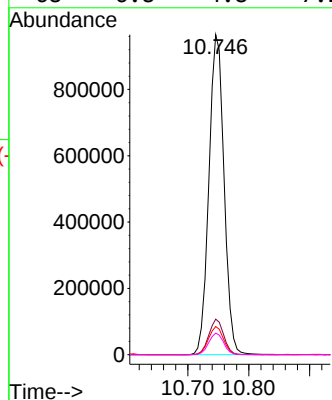
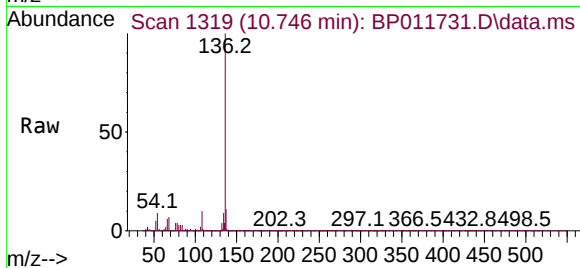


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion:136 Resp: 1666979

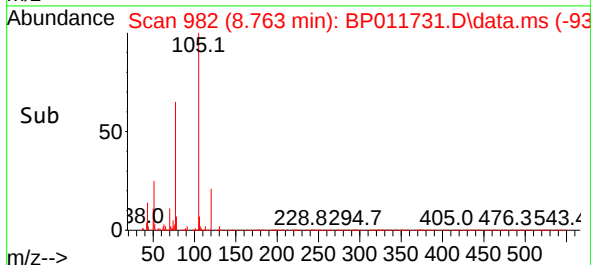
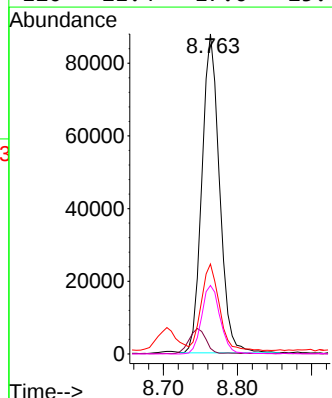
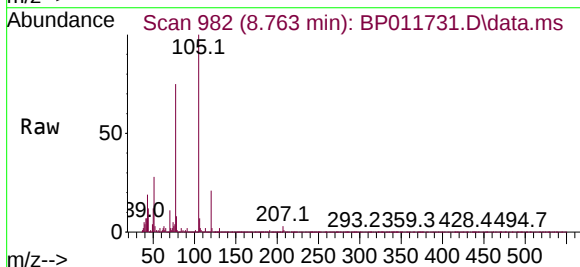
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.8	8.7	13.1
68	6.8	4.8	7.2

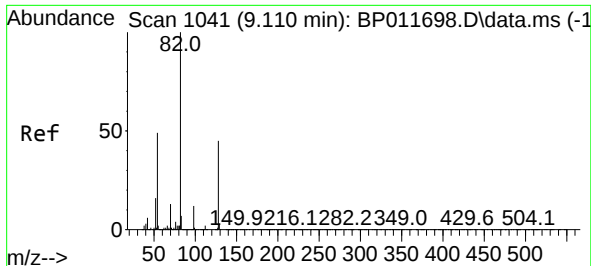


#22
Acetophenone
Concen: 3.695 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:105 Resp: 144402

Ion	Ratio	Lower	Upper
105	100		
71	1.8	3.4	5.0#
51	28.1	29.5	44.3#
120	21.4	17.0	25.4

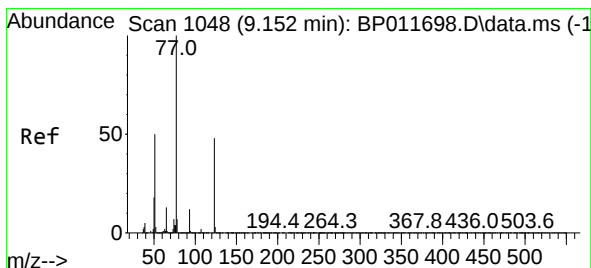
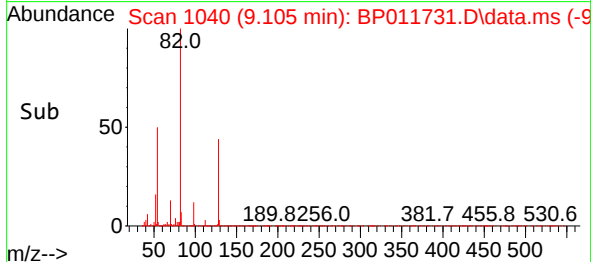
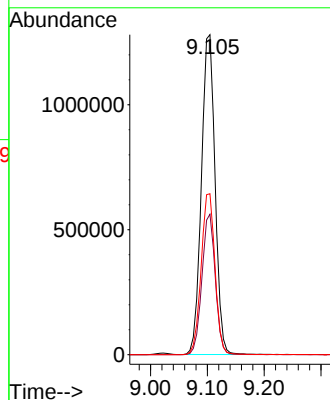
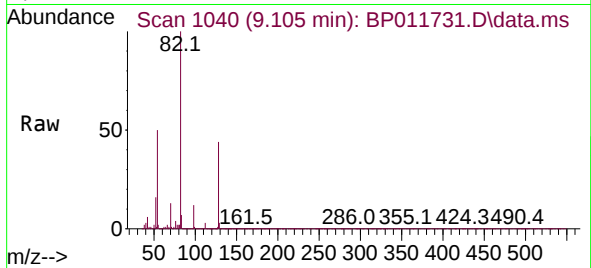




#23
Nitrobenzene-d5
Concen: 76.296 ng
RT: 9.105 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

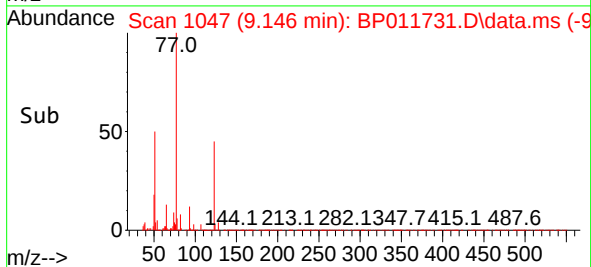
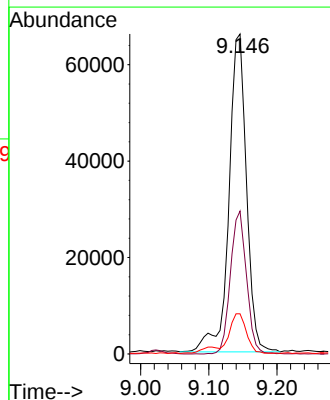
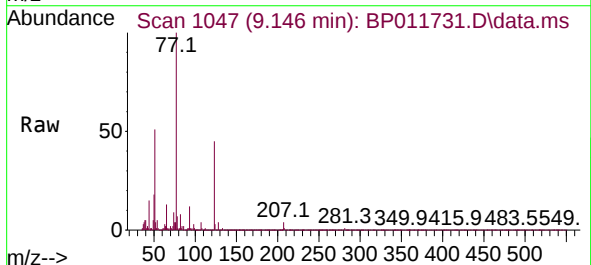
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

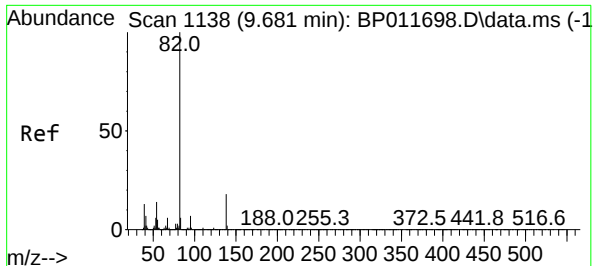
Tgt Ion: 82 Resp: 2144499
Ion Ratio Lower Upper
82 100
128 43.9 31.3 46.9
54 50.3 49.8 74.8



#24
Nitrobenzene
Concen: 4.042 ng
RT: 9.146 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 77 Resp: 118208
Ion Ratio Lower Upper
77 100
123 44.6 31.1 46.7
65 12.6 12.1 18.1

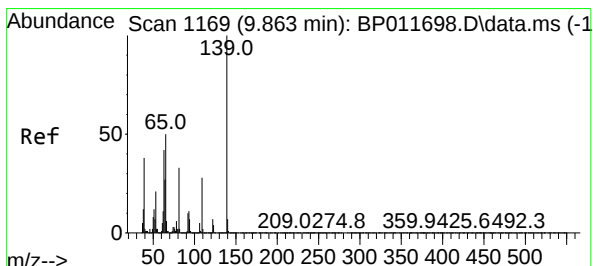
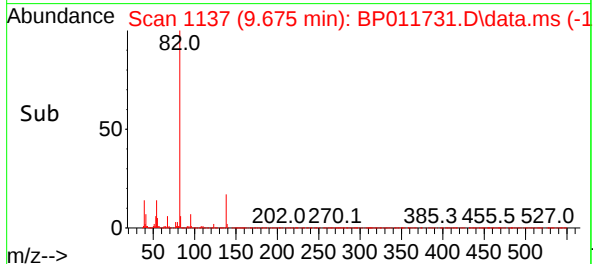
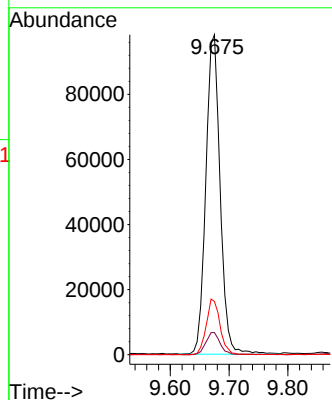
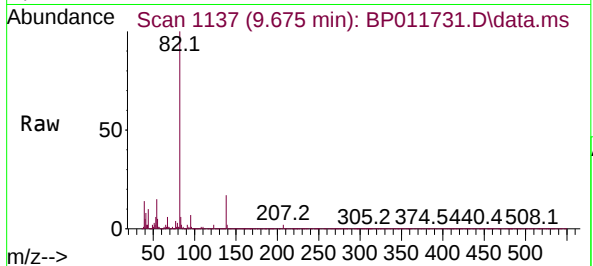




#25
Isophorone
Concen: 3.337 ng
RT: 9.675 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

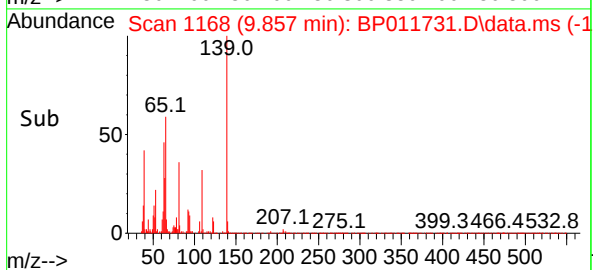
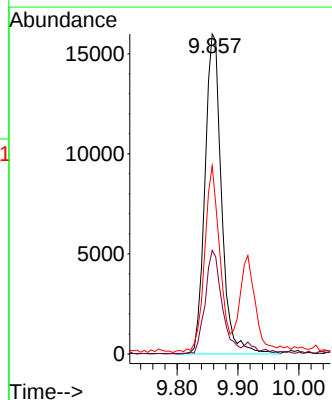
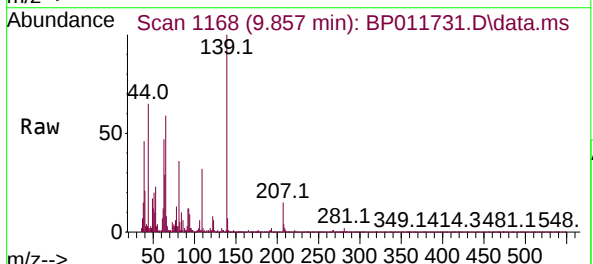
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

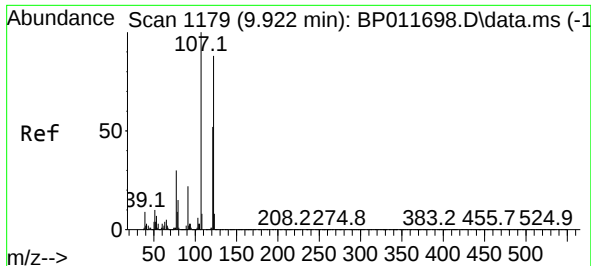
Tgt Ion: 82 Resp: 165921
Ion Ratio Lower Upper
82 100
95 6.9 6.5 9.7
138 16.6 12.4 18.6



#26
2-Nitrophenol
Concen: 2.527 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.005 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 139 Resp: 30314
Ion Ratio Lower Upper
139 100
109 32.3 30.2 45.4
65 58.7 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 3.583 ng

RT: 9.916 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

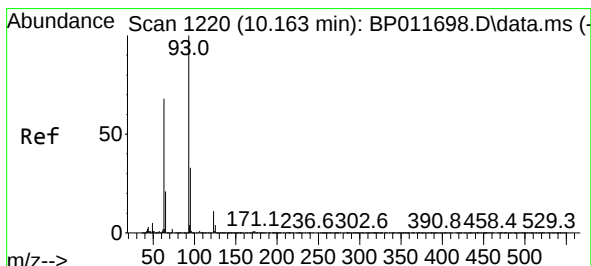
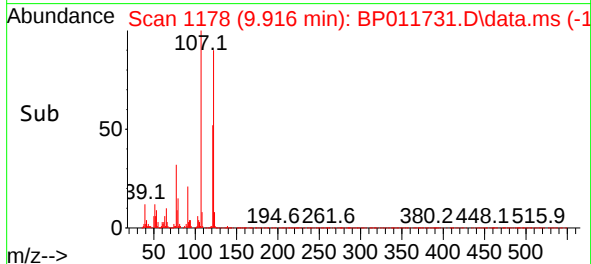
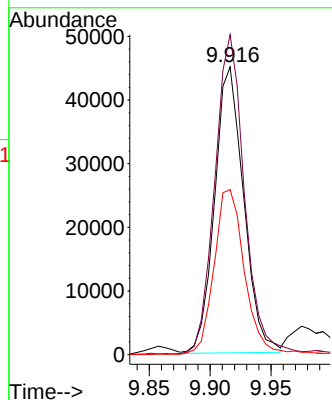
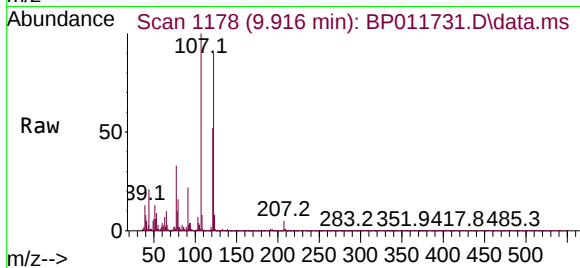
Tgt Ion:122 Resp: 74479

Ion Ratio Lower Upper

122 100

107 111.2 103.5 155.3

121 57.4 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 3.995 ng

RT: 10.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

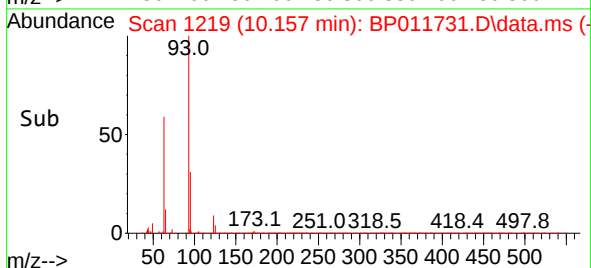
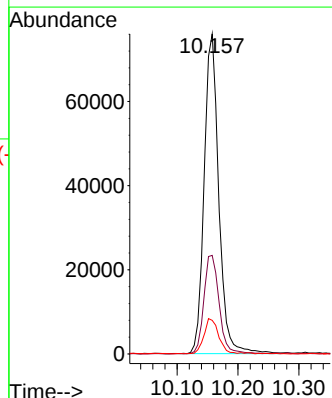
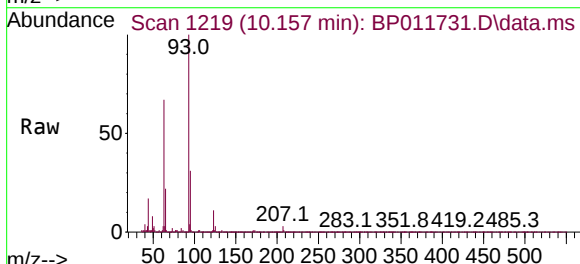
Tgt Ion: 93 Resp: 127021

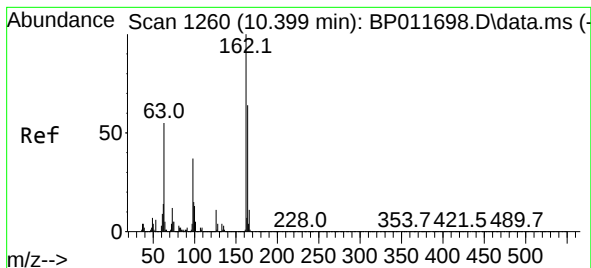
Ion Ratio Lower Upper

93 100

95 30.8 25.0 37.6

123 10.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 2.892 ng

RT: 10.393 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

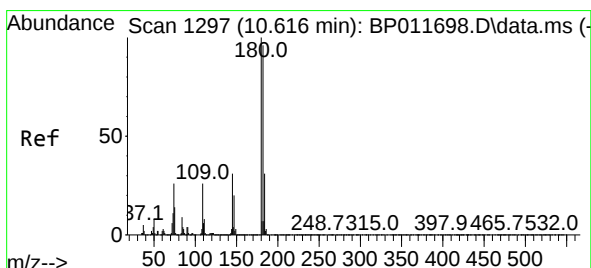
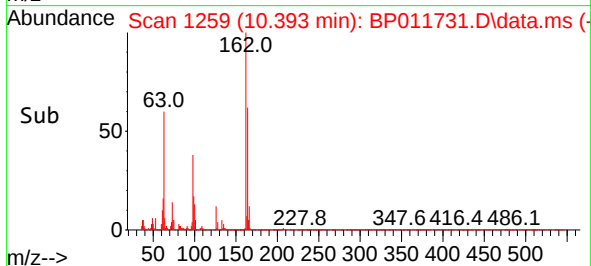
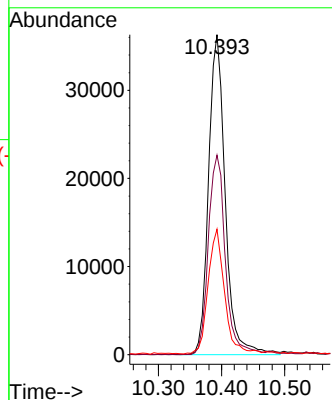
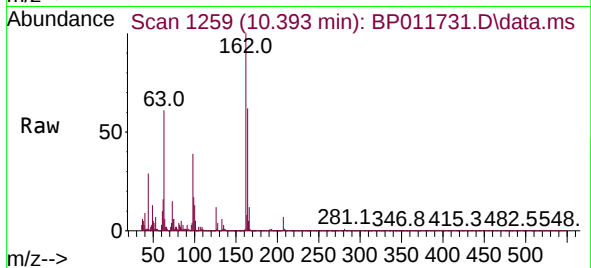
Tgt Ion:162 Resp: 66587

Ion Ratio Lower Upper

162 100

164 62.4 43.0 83.0

98 39.2 20.4 60.4



#30

1,2,4-Trichlorobenzene

Concen: 3.525 ng

RT: 10.610 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

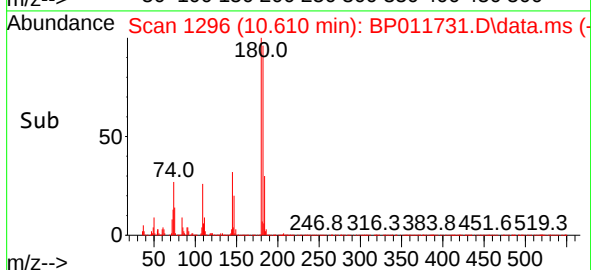
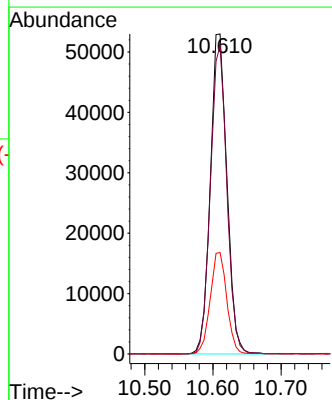
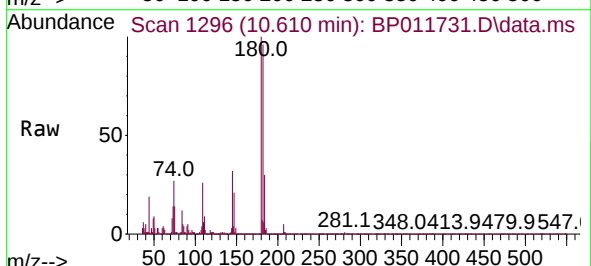
Tgt Ion:180 Resp: 89858

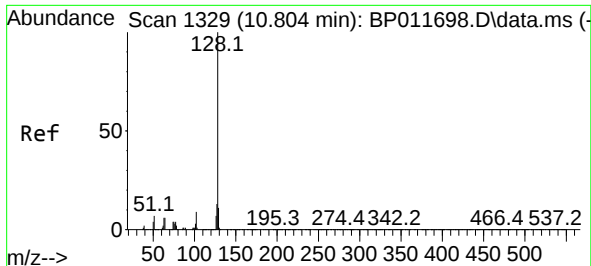
Ion Ratio Lower Upper

180 100

182 96.4 78.0 117.0

145 31.7 24.6 36.8

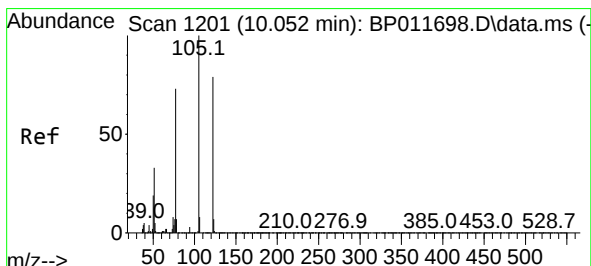
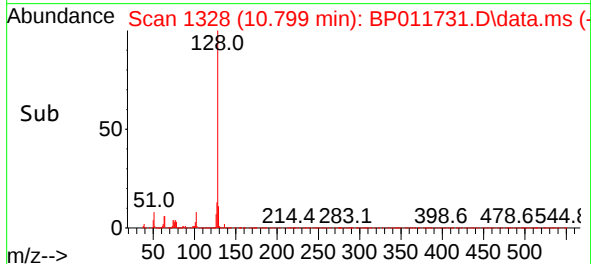
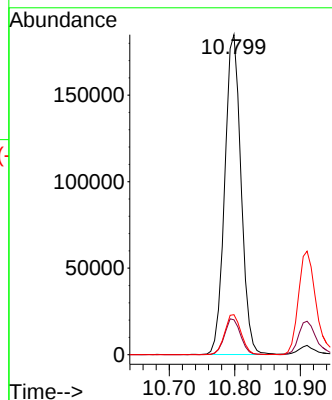
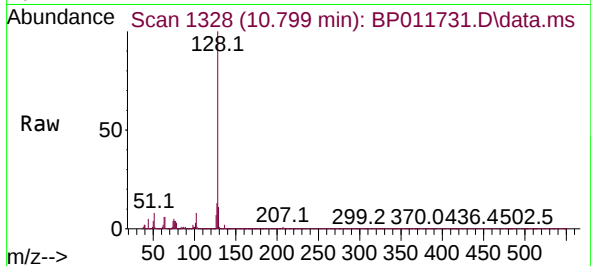




#31
Naphthalene
Concen: 3.668 ng
RT: 10.799 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

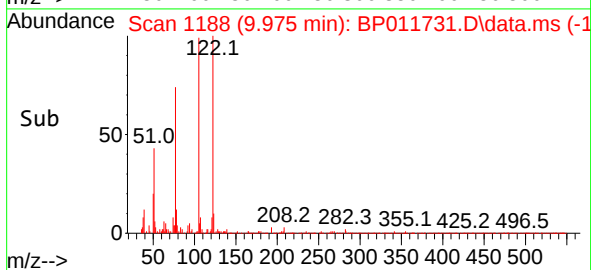
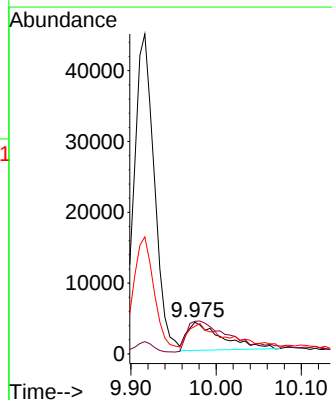
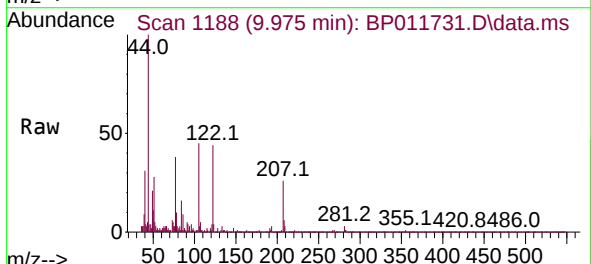
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

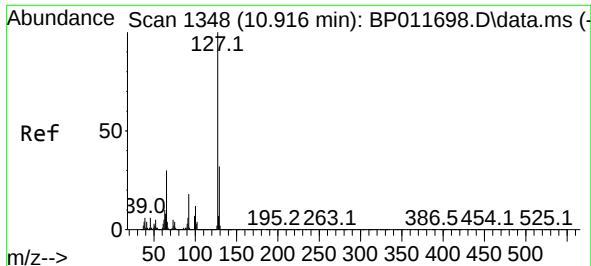
Tgt Ion:128 Resp: 317269
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 0.719 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.077 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:122 Resp: 11179
Ion Ratio Lower Upper
122 100
105 103.2 112.6 152.6#
77 87.4 90.2 130.2#

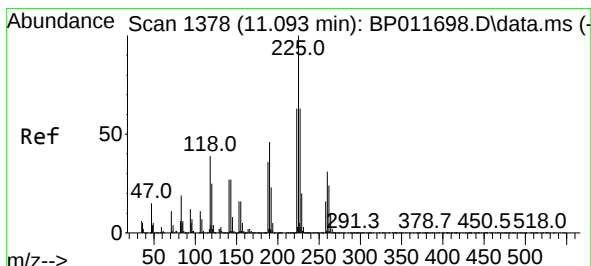
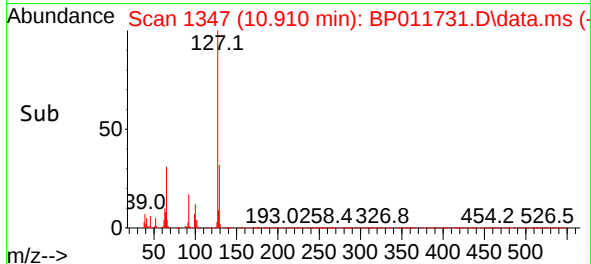
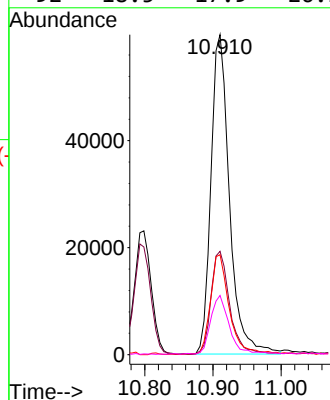
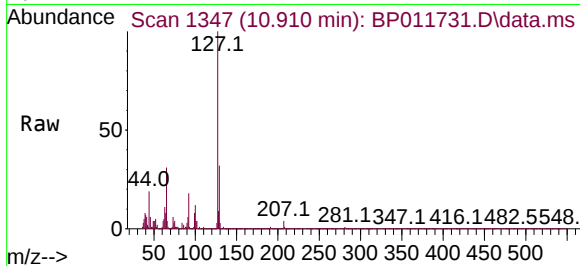




#33
4-Chloroaniline
Concen: 3.331 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

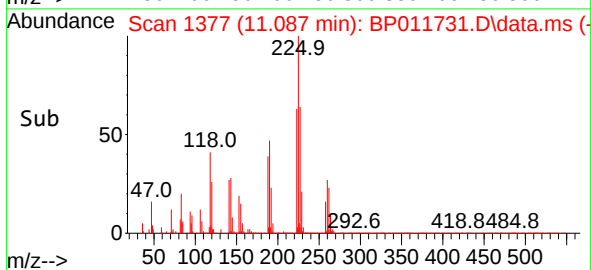
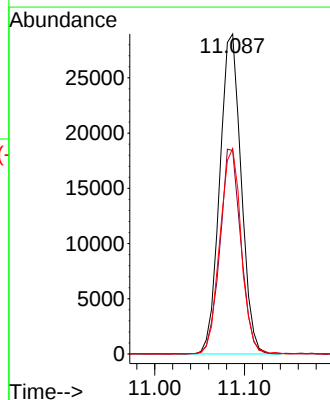
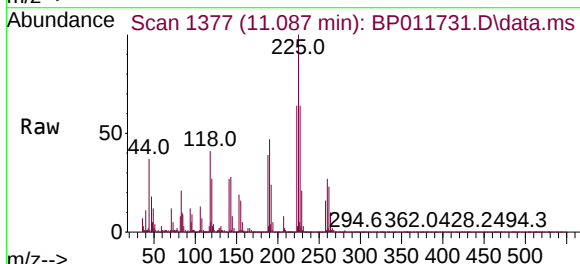
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

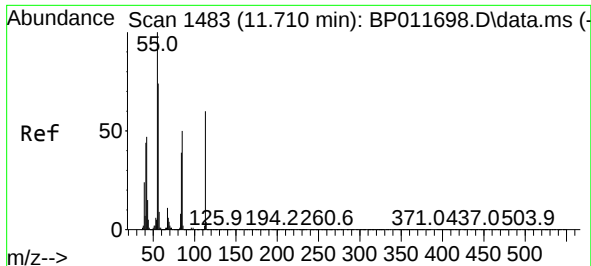
Tgt Ion:	127	Resp:	113063
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	31.3	30.4	45.6
92	18.5	17.9	26.9



#34
Hexachlorobutadiene
Concen: 3.417 ng
RT: 11.087 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:	225	Resp:	47990
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.4
227	64.2	50.8	76.2

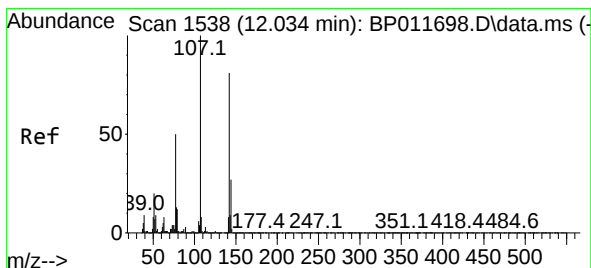
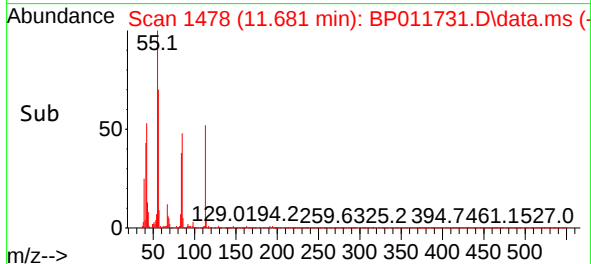
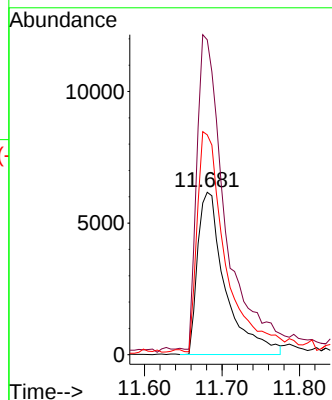
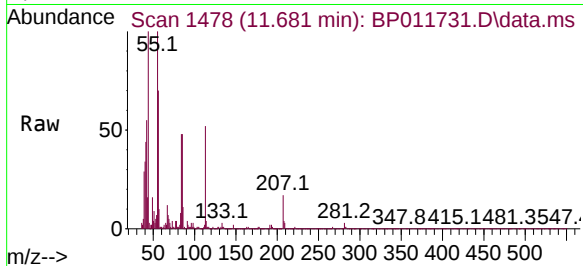




#35
Caprolactam
Concen: 2.052 ng
RT: 11.681 min Scan# 1483
Delta R.T. -0.029 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

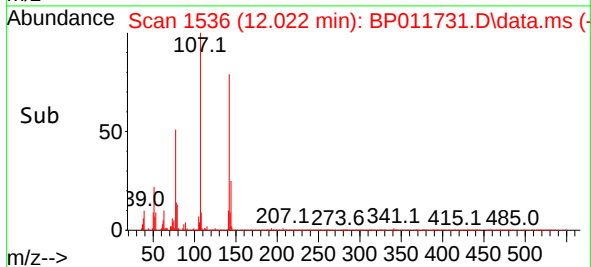
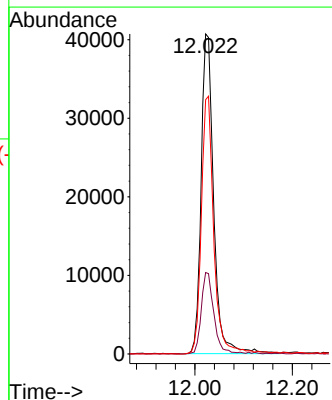
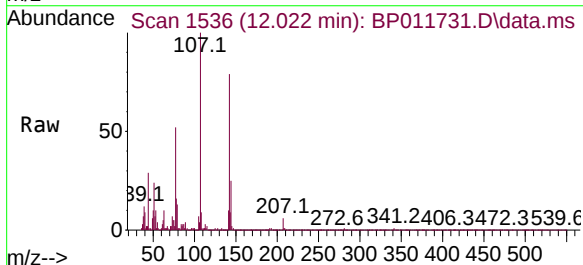
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

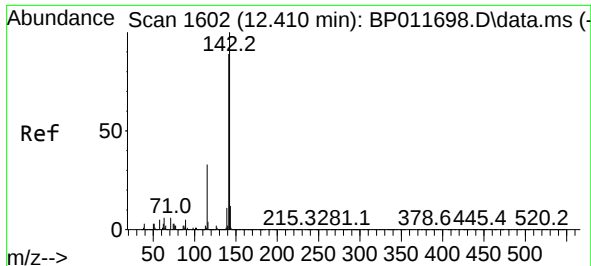
Tgt Ion:113 Resp: 15313
Ion Ratio Lower Upper
113 100
55 193.9 198.6 238.6#
56 135.4 142.7 182.7#



#36
4-Chloro-3-methylphenol
Concen: 2.943 ng
RT: 12.022 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:107 Resp: 72893
Ion Ratio Lower Upper
107 100
144 25.4 19.8 29.6
142 79.4 59.0 88.4

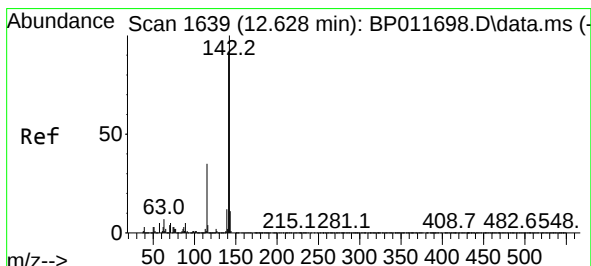
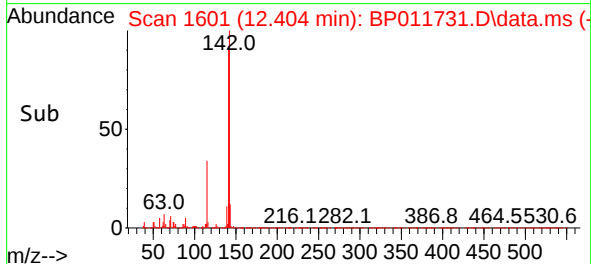
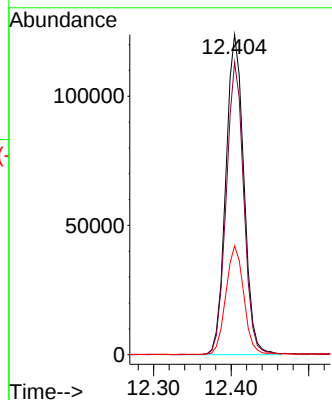
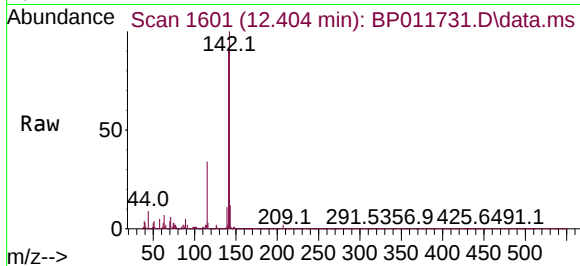




#37
2-Methylnaphthalene
Concen: 3.464 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

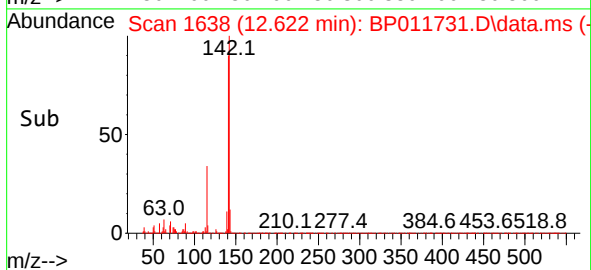
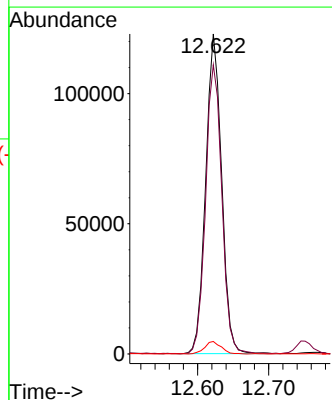
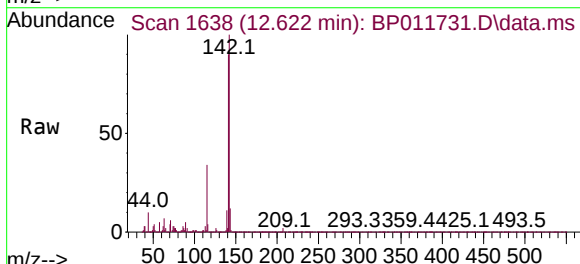
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

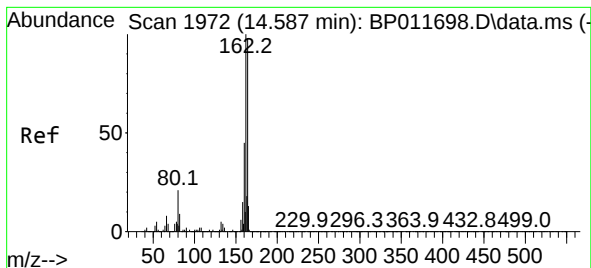
Tgt Ion:142 Resp: 200559
Ion Ratio Lower Upper
142 100
141 91.4 71.3 106.9
115 34.0 31.4 47.2



#38
1-Methylnaphthalene
Concen: 3.380 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:142 Resp: 191325
Ion Ratio Lower Upper
142 100
141 90.4 72.6 108.8
116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

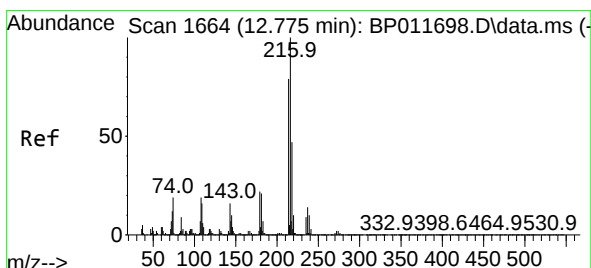
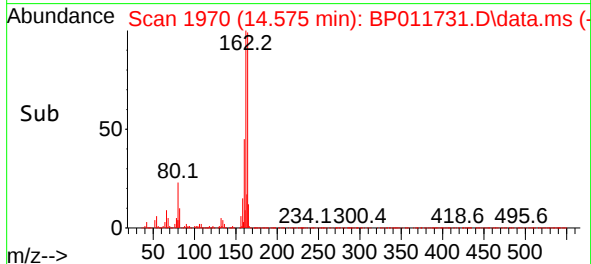
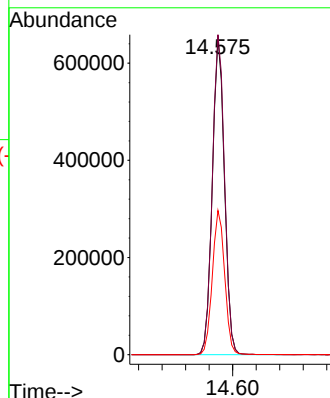
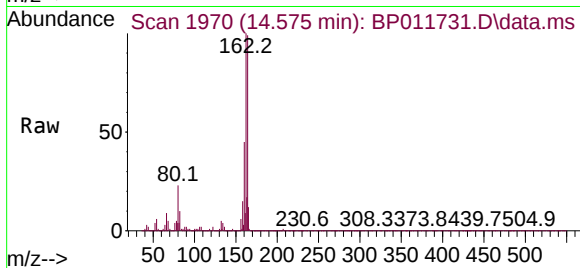
Tgt Ion:164 Resp: 934705

Ion Ratio Lower Upper

164 100

162 101.2 81.9 122.9

160 45.6 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.641 ng

RT: 12.769 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Tgt Ion:216 Resp: 89829

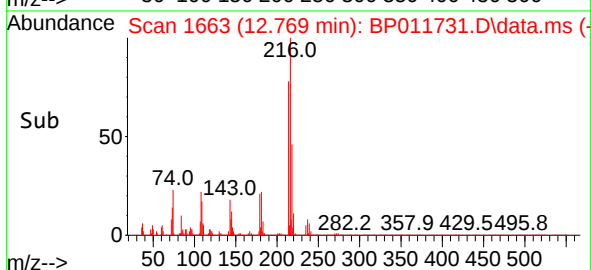
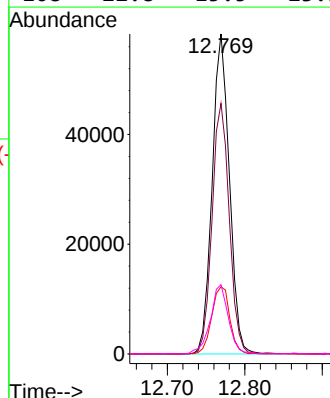
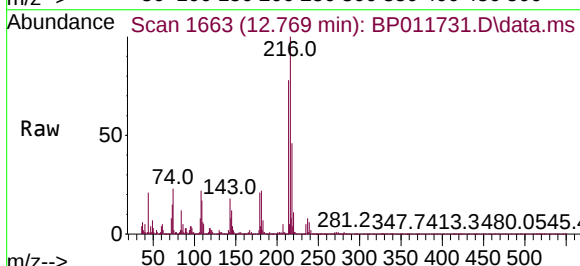
Ion Ratio Lower Upper

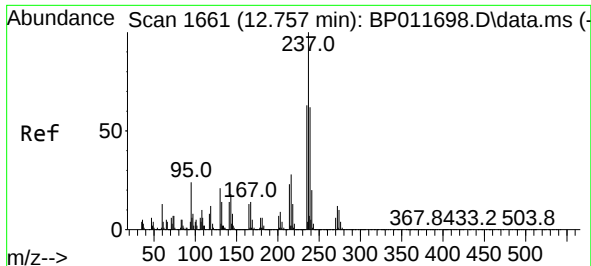
216 100

214 78.3 61.9 92.9

179 22.1 17.0 25.6

108 22.8 15.5 23.3

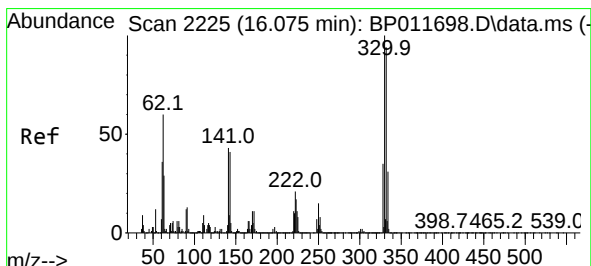
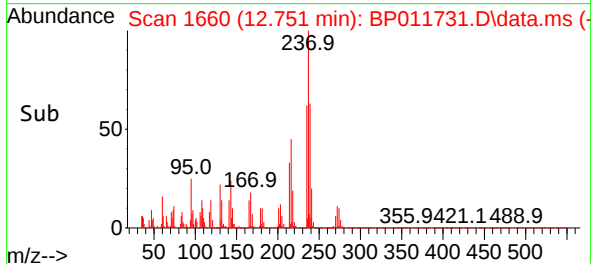
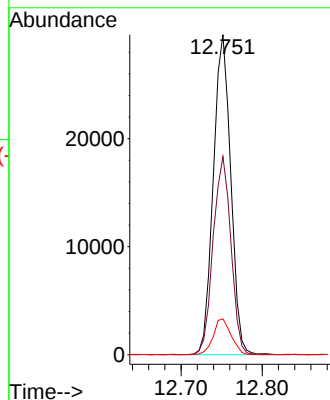
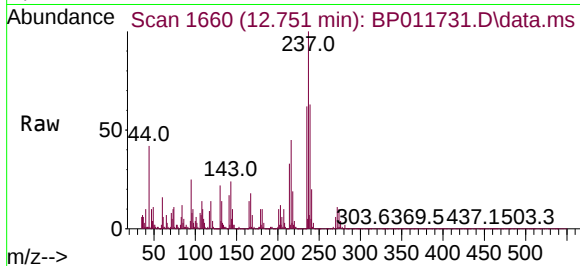




#41
Hexachlorocyclopentadiene
Concen: 3.587 ng
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

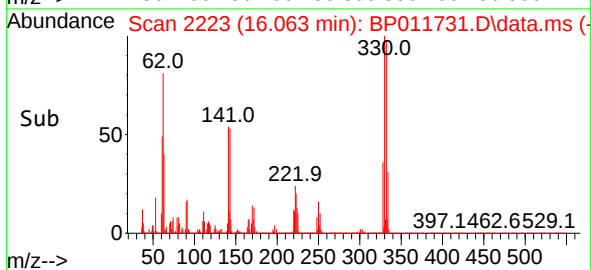
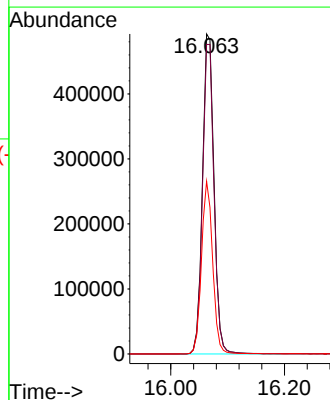
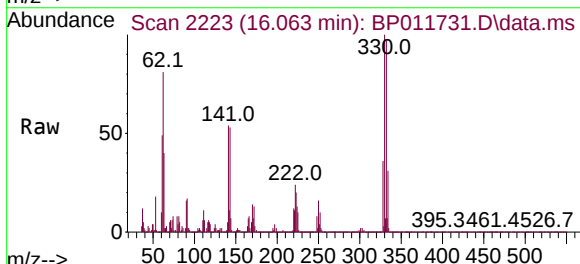
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

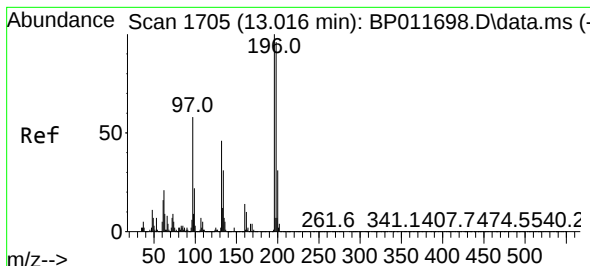
Tgt Ion:	237	Resp:	44166
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.3	83.3
272	11.2	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 94.770 ng
RT: 16.063 min Scan# 2223
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:	330	Resp:	692127
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.1	117.1
141	52.5	31.4	47.2





#43

2,4,6-Trichlorophenol

Concen: 2.574 ng

RT: 13.010 min Scan# 1704

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

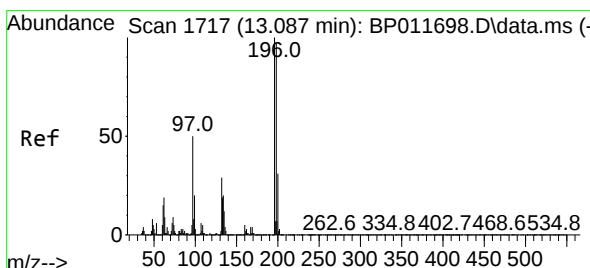
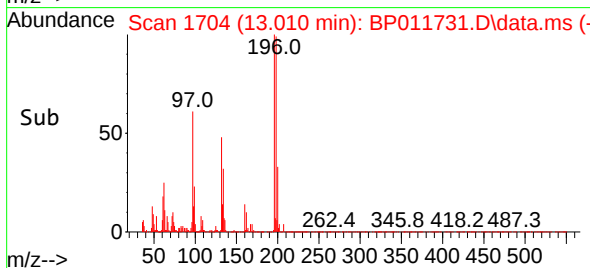
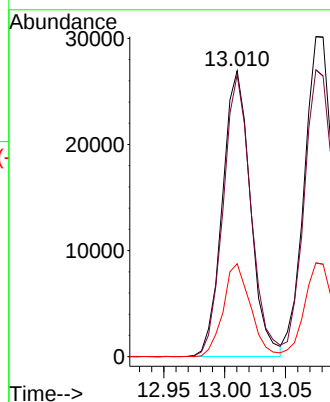
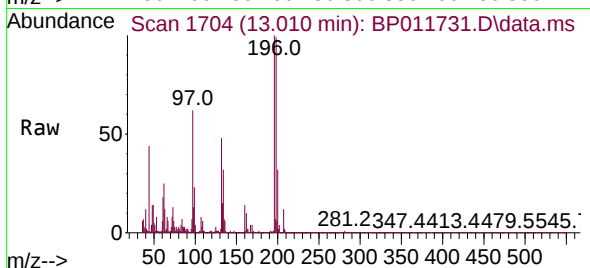
Tgt Ion:196 Resp: 43189

Ion Ratio Lower Upper

196 100

198 98.6 77.7 116.5

200 32.5 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 2.854 ng

RT: 13.075 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Tgt Ion:196 Resp: 53552

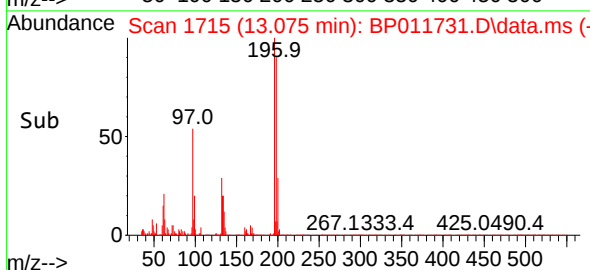
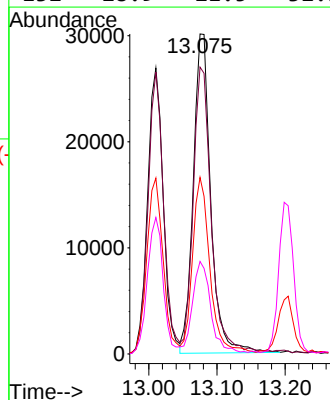
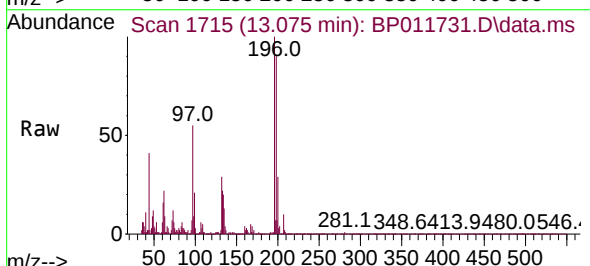
Ion Ratio Lower Upper

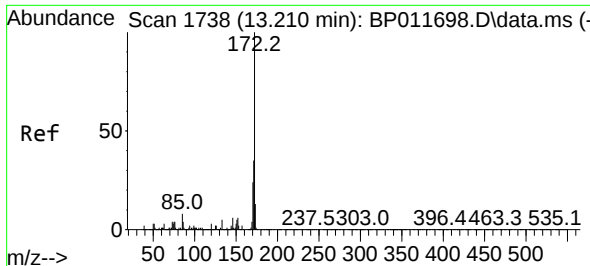
196 100

198 89.7 75.7 113.5

97 55.2 42.4 63.6

132 28.9 21.5 32.3

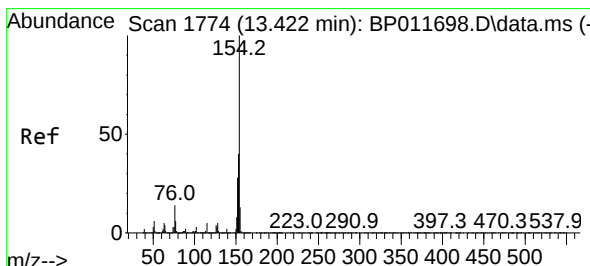
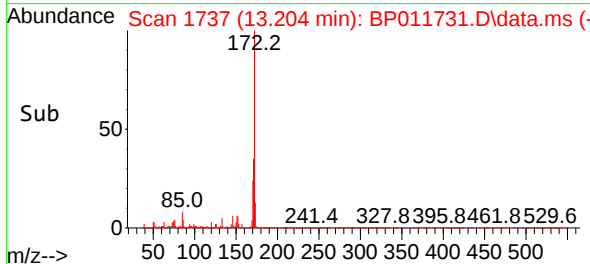
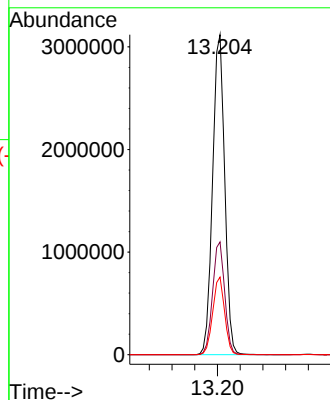
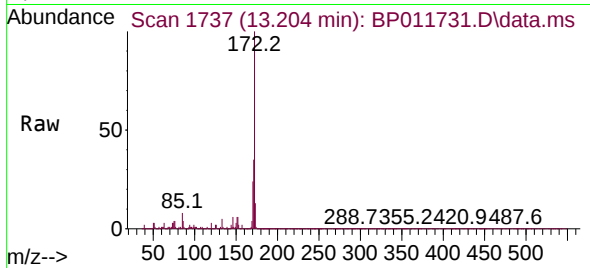




#45
2-Fluorobiphenyl
Concen: 76.336 ng
RT: 13.204 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

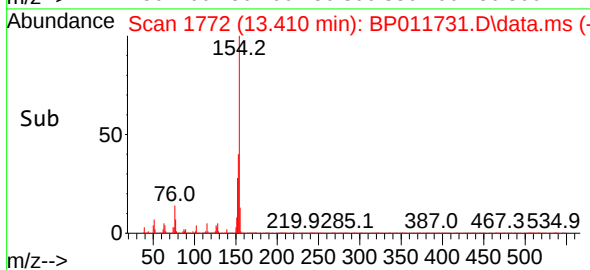
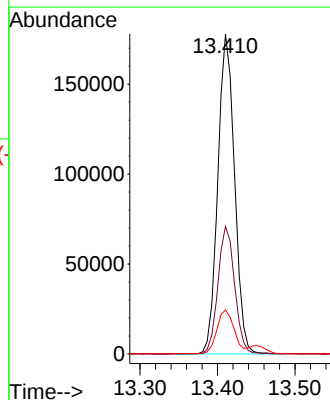
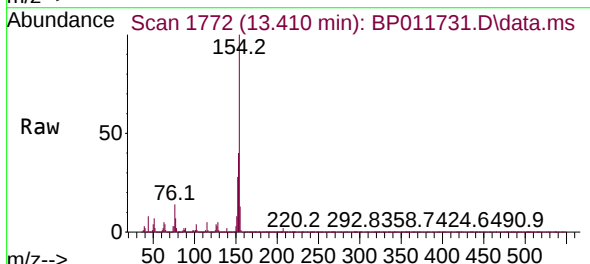
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

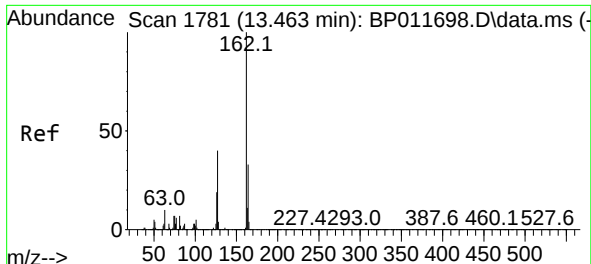
Tgt Ion:172 Resp: 4590179
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.2 18.2 27.2



#46
1,1'-Biphenyl
Concen: 3.917 ng
RT: 13.410 min Scan# 1772
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:154 Resp: 266363
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 13.8 0.0 33.2





#47

2-Chloronaphthalene

Concen: 3.695 ng

RT: 13.451 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

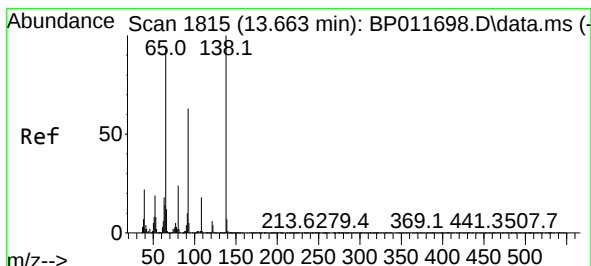
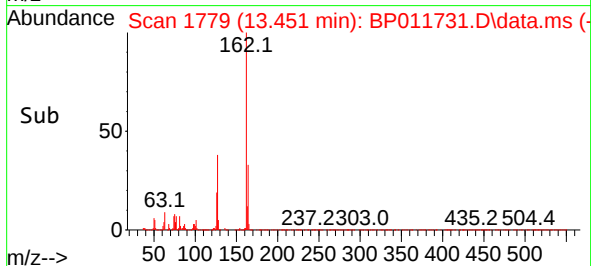
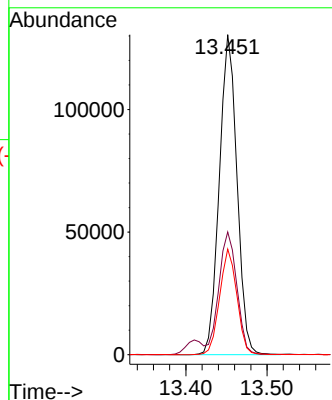
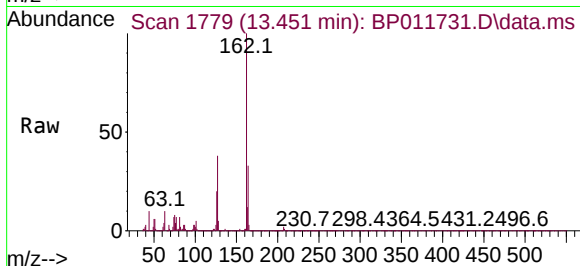
Tgt Ion:162 Resp: 197670

Ion Ratio Lower Upper

162 100

127 38.4 32.4 48.6

164 33.0 26.3 39.5



#48

2-Nitroaniline

Concen: 2.497 ng

RT: 13.657 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

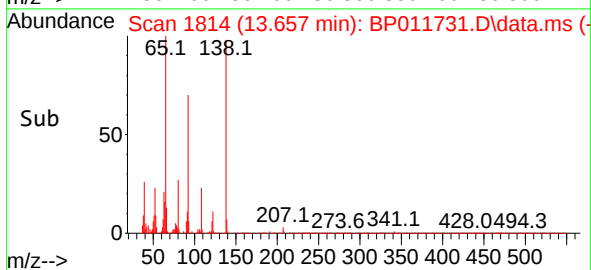
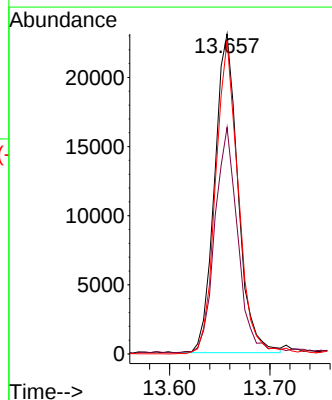
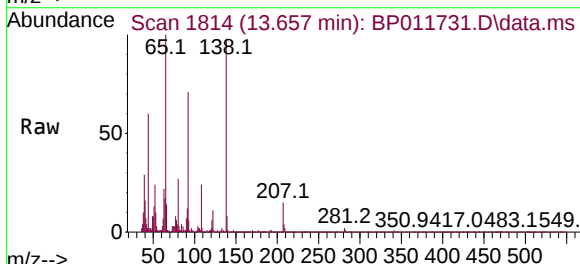
Tgt Ion: 65 Resp: 37465

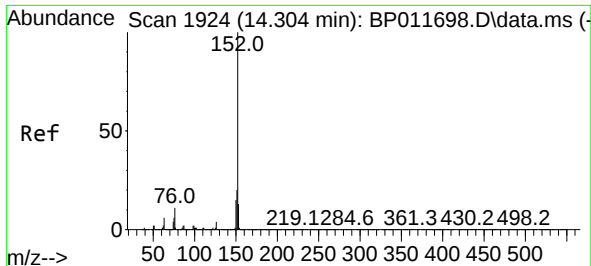
Ion Ratio Lower Upper

65 100

92 70.8 50.0 75.0

138 97.9 71.2 106.8

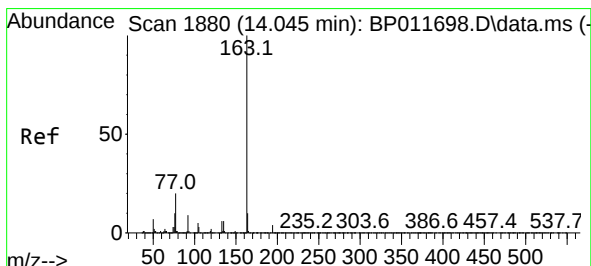
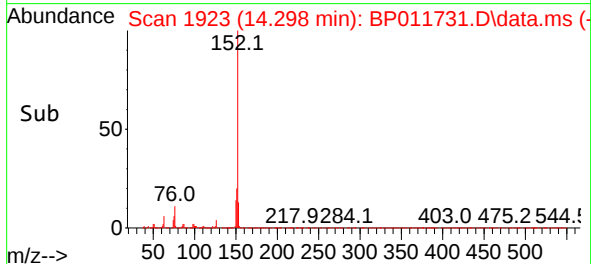
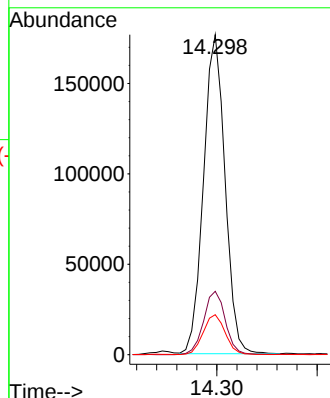
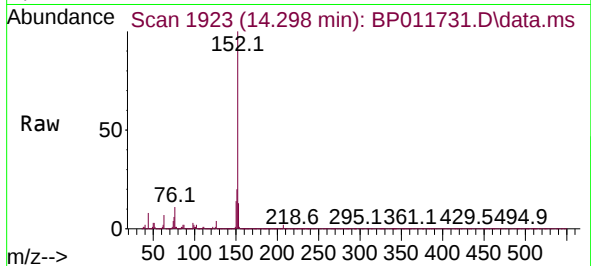




#49
Acenaphthylene
Concen: 3.176 ng
RT: 14.298 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

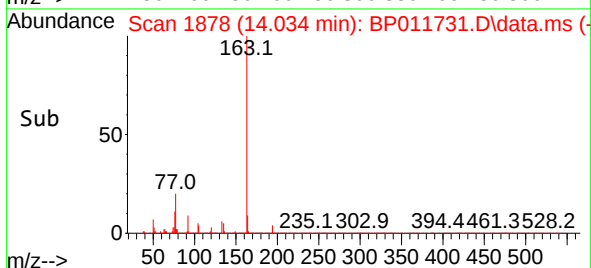
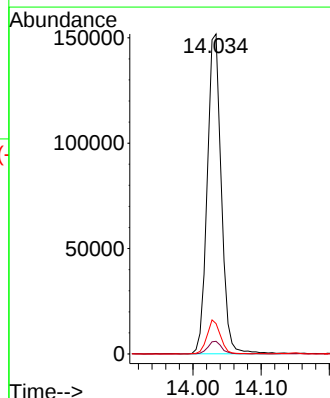
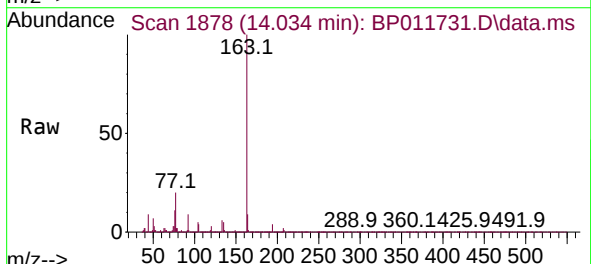
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

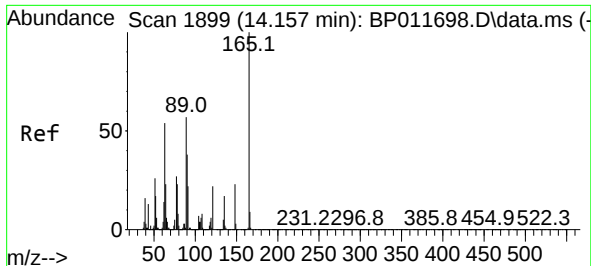
Tgt Ion:152 Resp: 262890
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.5 10.4 15.6



#50
Dimethylphthalate
Concen: 3.326 ng
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:163 Resp: 216911
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.5 8.2 12.4

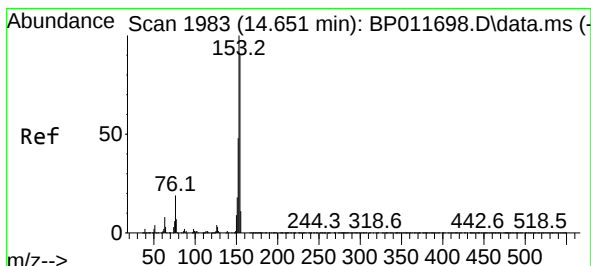
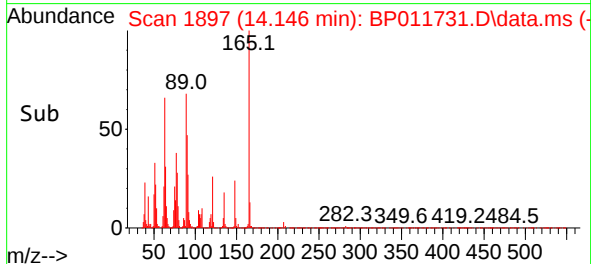
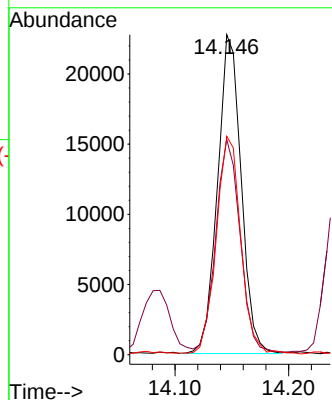
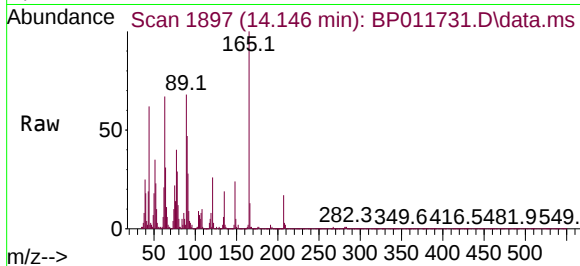




#51
2,6-Dinitrotoluene
Concen: 2.483 ng
RT: 14.146 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

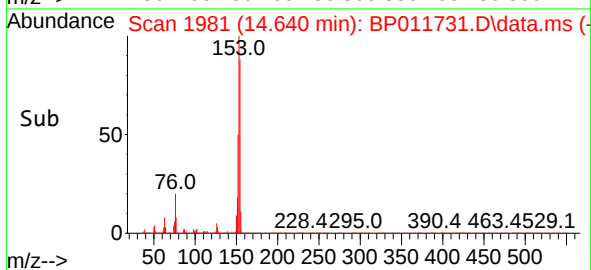
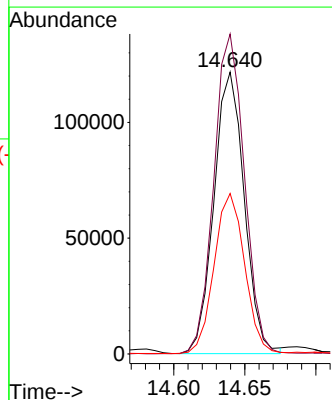
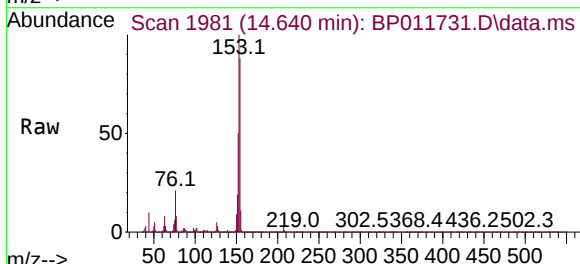
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

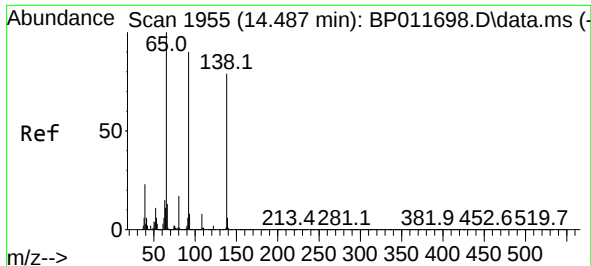
Tgt Ion:165 Resp: 32834
Ion Ratio Lower Upper
165 100
63 67.2 57.3 85.9
89 68.3 50.2 75.2



#52
Acenaphthene
Concen: 3.286 ng
RT: 14.640 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:154 Resp: 180939
Ion Ratio Lower Upper
154 100
153 113.5 87.4 131.2
152 56.9 41.7 62.5

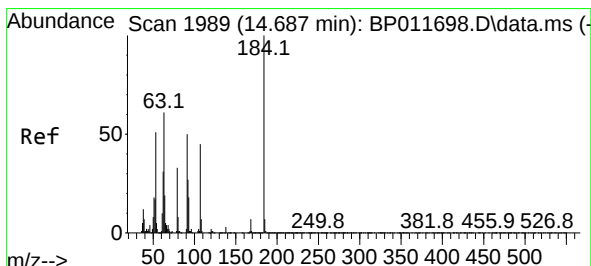
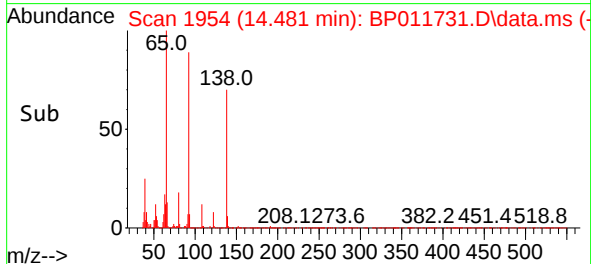
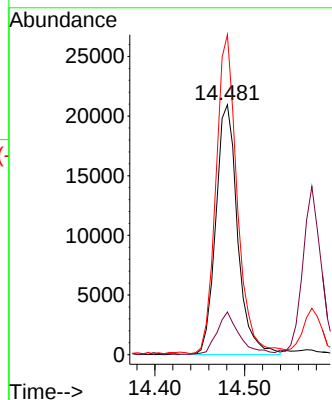
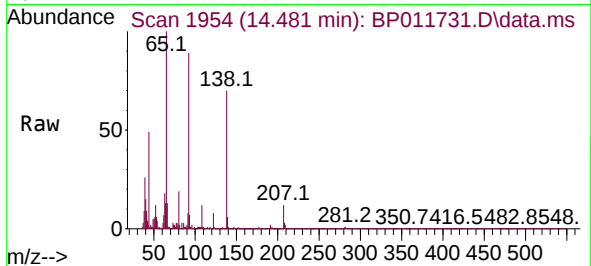




#53
3-Nitroaniline
Concen: 2.313 ng
RT: 14.481 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

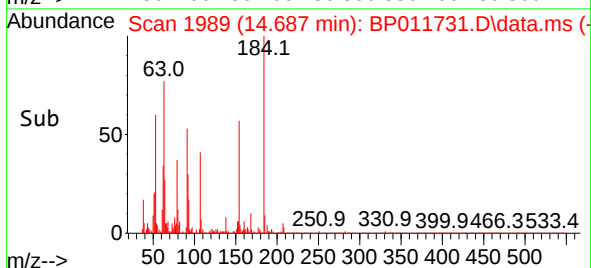
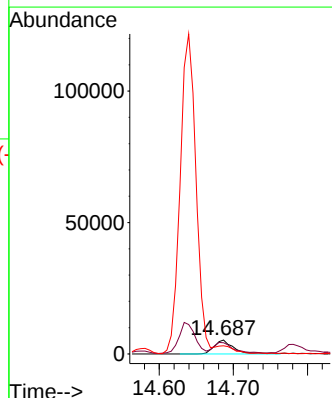
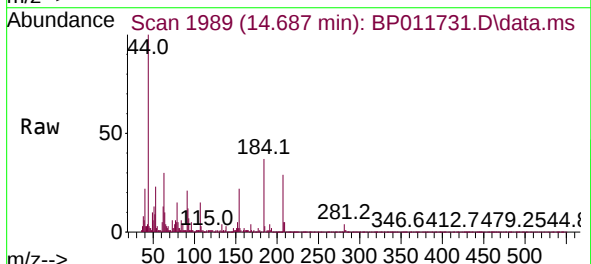
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

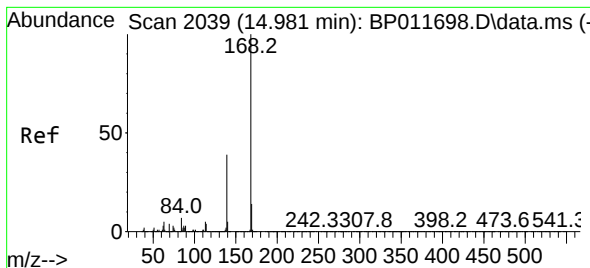
Tgt Ion:138 Resp: 35271
Ion Ratio Lower Upper
138 100
108 17.1 9.5 14.3#
92 128.0 99.9 149.9



#54
2,4-Dinitrophenol
Concen: 1.505 ng
RT: 14.687 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:184 Resp: 9696
Ion Ratio Lower Upper
184 100
63 79.9 65.4 98.2
154 58.5 55.4 83.2





#55

Dibenzofuran

Concen: 3.666 ng

RT: 14.975 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

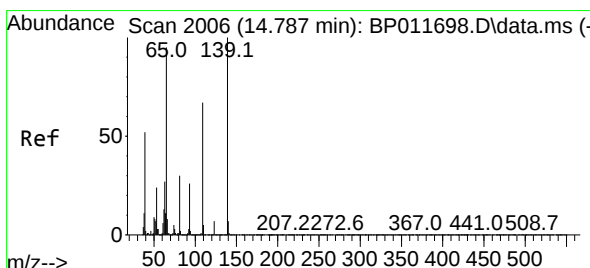
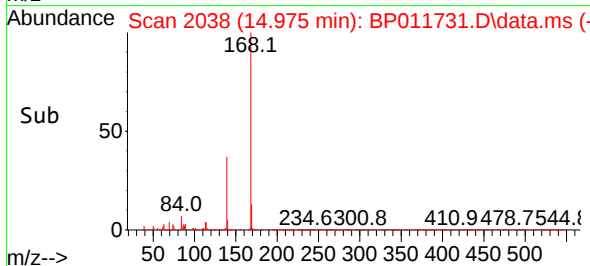
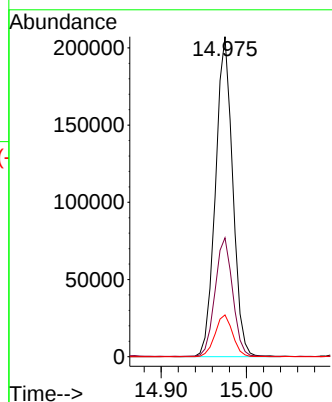
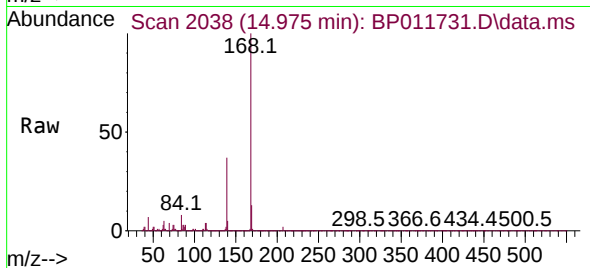
Tgt Ion:168 Resp: 290675

Ion Ratio Lower Upper

168 100

139 37.2 31.5 47.3

169 13.1 10.3 15.5



#56

4-Nitrophenol

Concen: 1.827 ng

RT: 14.781 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

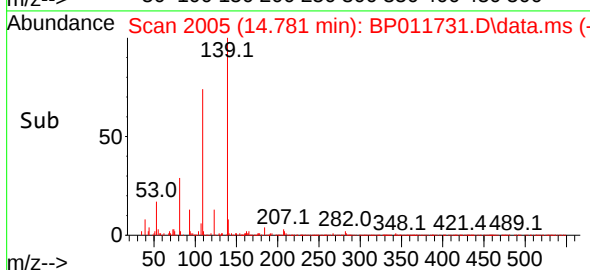
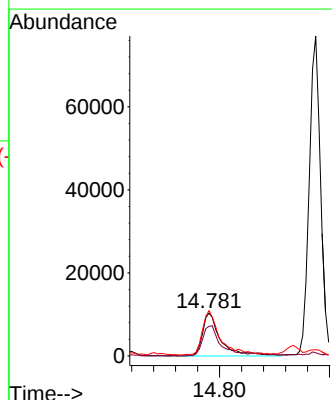
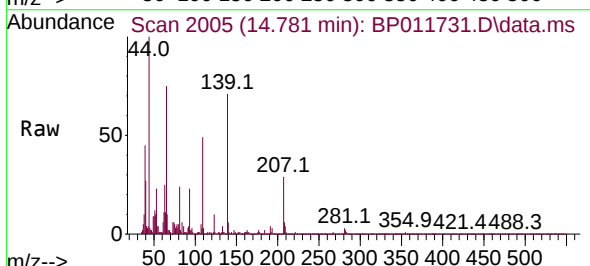
Tgt Ion:139 Resp: 23479

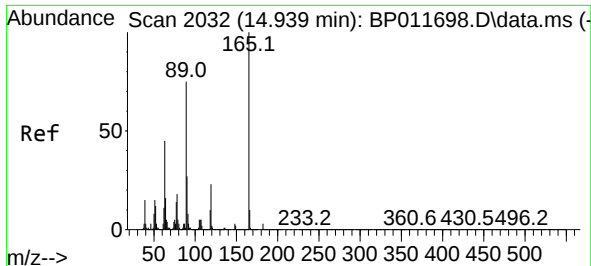
Ion Ratio Lower Upper

139 100

109 69.0 70.6 110.6#

65 105.7 106.6 146.6#

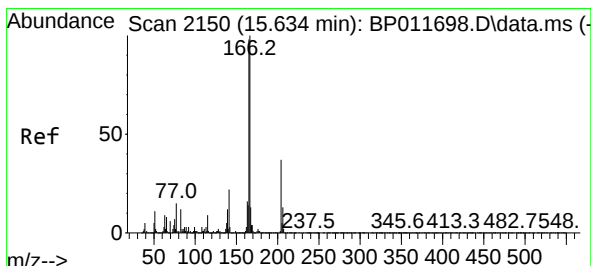
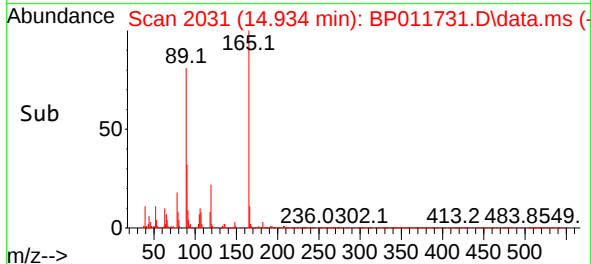
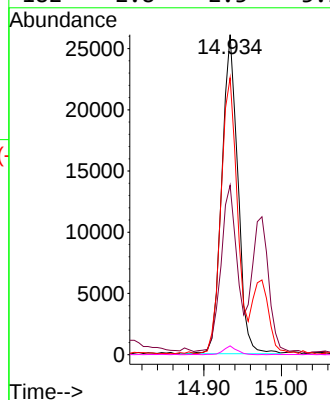
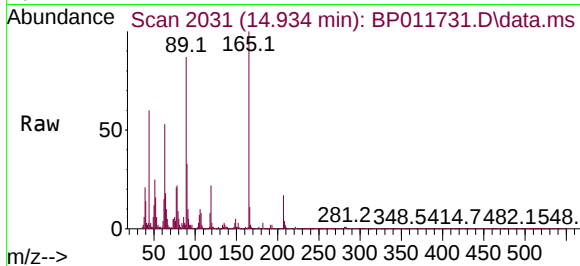




#57
2,4-Dinitrotoluene
Concen: 2.190 ng
RT: 14.934 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

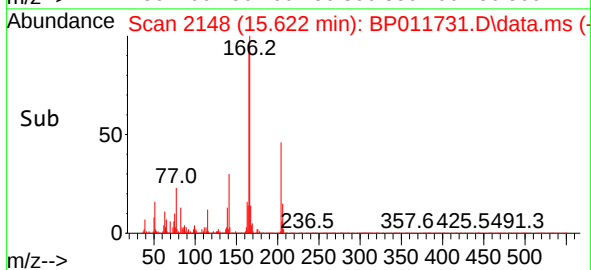
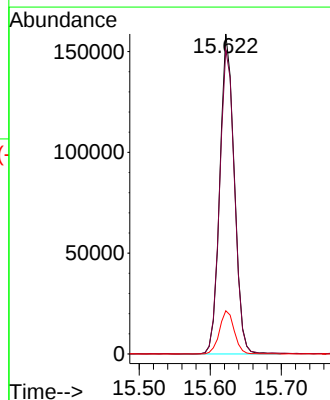
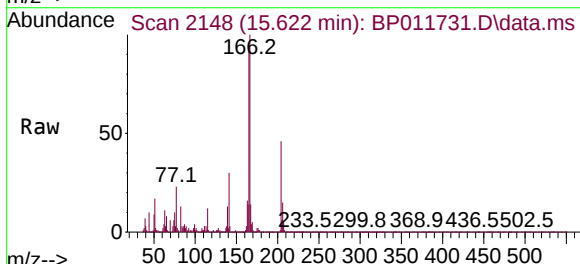
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

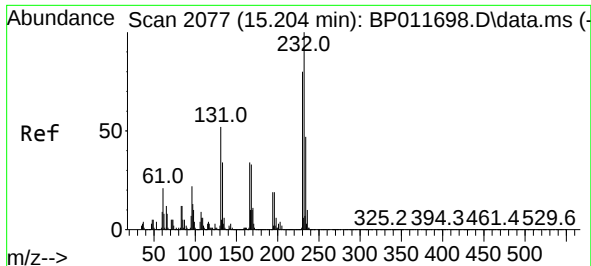
Tgt Ion:165	Resp:	37514
Ion Ratio	Lower	Upper
165	100	
63	52.9	46.2 69.2
89	86.6	65.8 98.8
182	2.8	2.3 3.5



#58
Fluorene
Concen: 3.469 ng
RT: 15.622 min Scan# 2148
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:166	Resp:	223119
Ion Ratio	Lower	Upper
166	100	
165	95.1	77.0 115.4
167	13.5	10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.358 ng

RT: 15.116 min Scan# 2109

Delta R.T. -0.088 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion:232 Resp: 36349

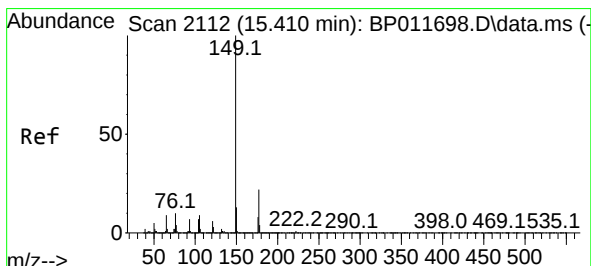
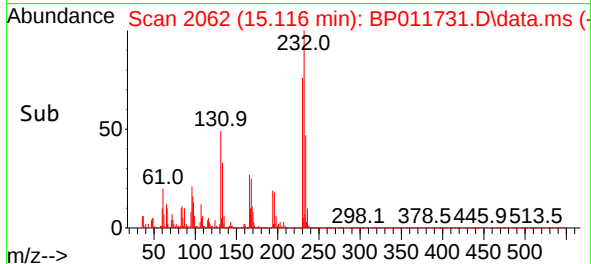
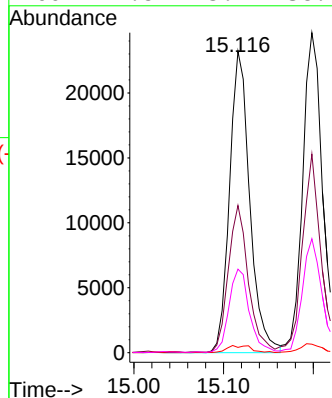
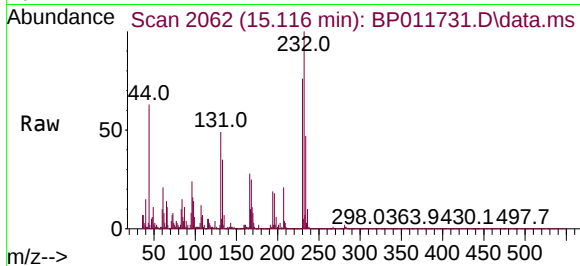
Ion Ratio Lower Upper

232 100

131 48.0 37.0 55.6

130 2.8 2.2 3.2

166 27.8 25.4 38.2



#60

Diethylphthalate

Concen: 3.257 ng

RT: 15.393 min Scan# 2109

Delta R.T. -0.018 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

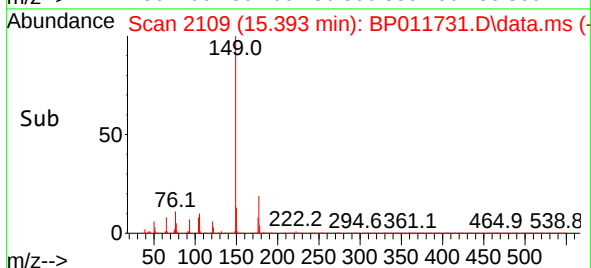
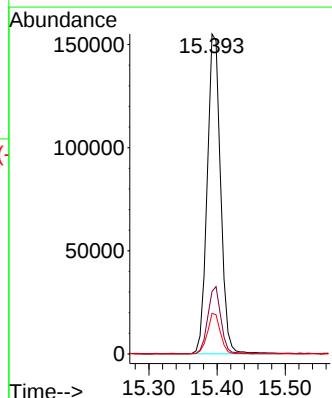
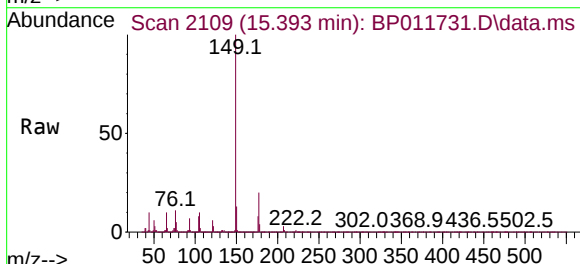
Tgt Ion:149 Resp: 211453

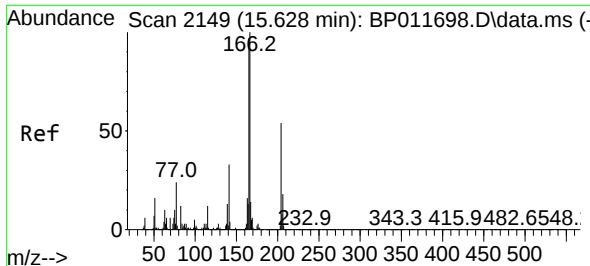
Ion Ratio Lower Upper

149 100

177 19.6 17.8 26.8

150 12.7 9.9 14.9

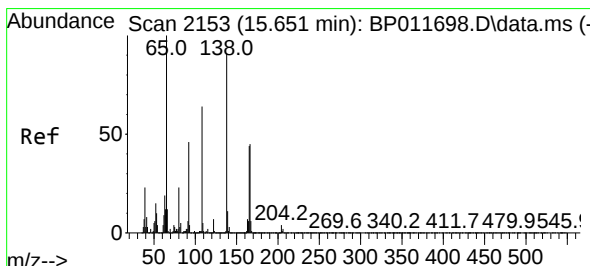
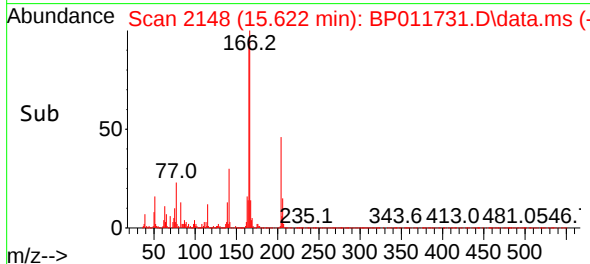
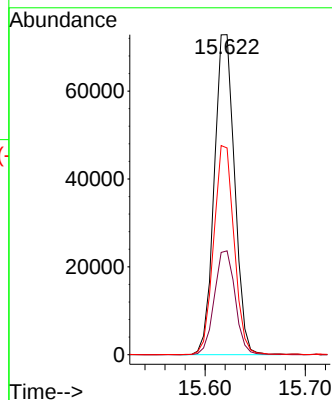
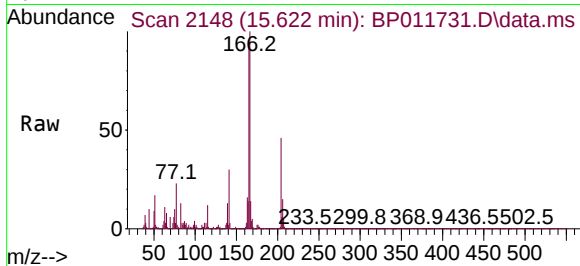




#61
4-Chlorophenyl-phenylether
Concen: 3.453 ng
RT: 15.622 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

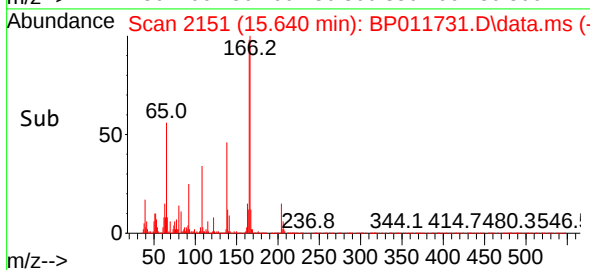
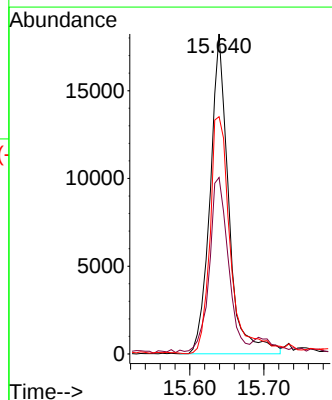
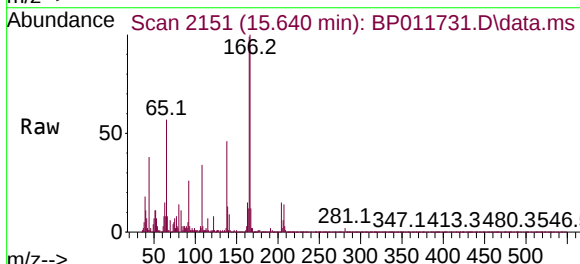
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

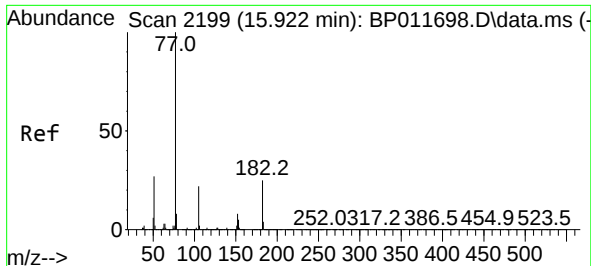
Tgt Ion:204 Resp: 102648
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 64.6 51.1 76.7



#62
4-Nitroaniline
Concen: 2.071 ng
RT: 15.640 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:138 Resp: 31737
Ion Ratio Lower Upper
138 100
92 55.1 38.0 78.0
108 74.2 77.6 117.6#

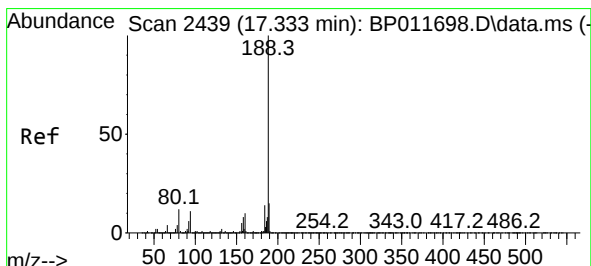
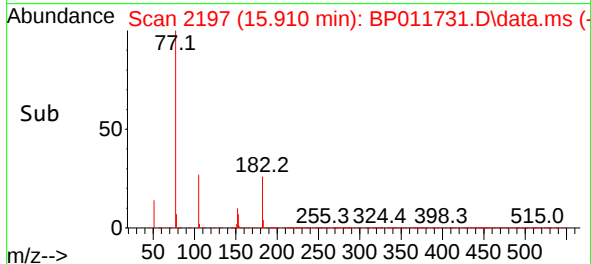
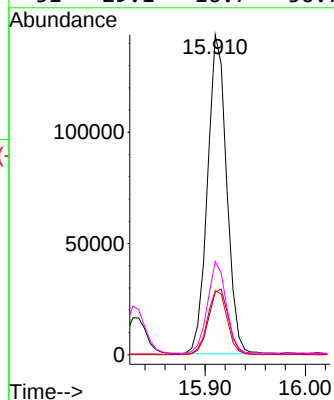
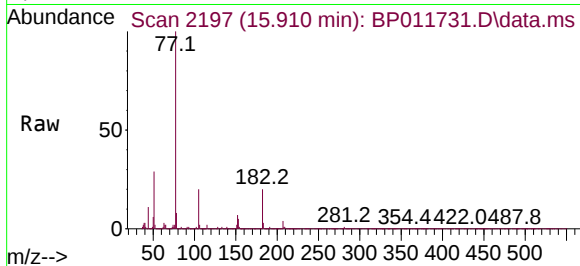




#63
Azobenzene
Concen: 3.053 ng
RT: 15.910 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

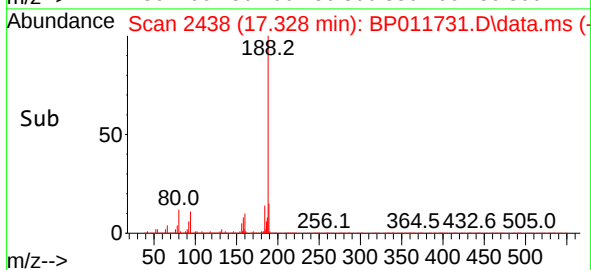
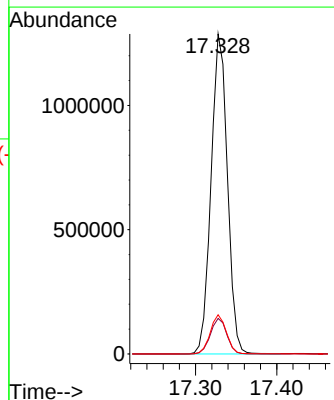
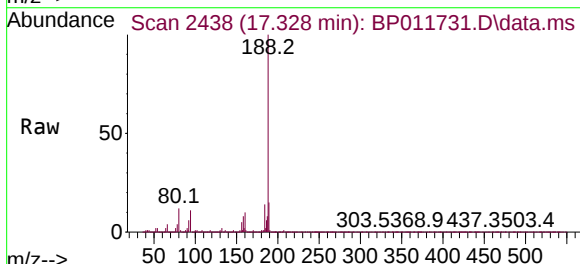
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

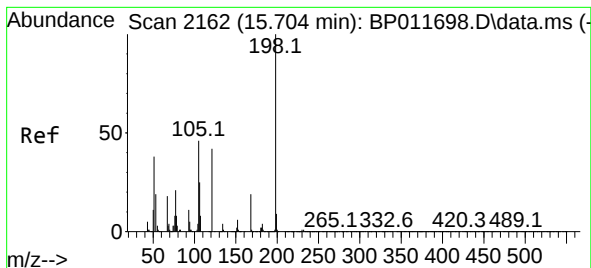
Tgt Ion: 77	Resp: 190446
Ion Ratio	Lower Upper
77 100	
182 19.6	3.0 43.0
105 20.0	0.0 38.6
51 29.1	16.7 56.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion: 188	Resp: 1798999
Ion Ratio	Lower Upper
188 100	
94 11.1	6.6 10.0#
80 12.3	8.0 12.0#

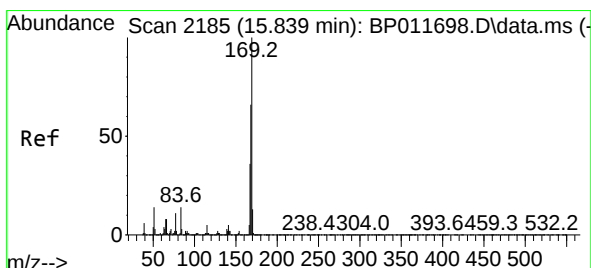
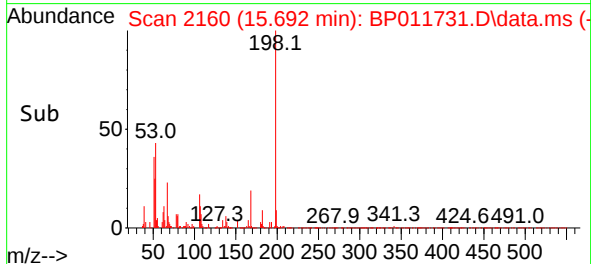
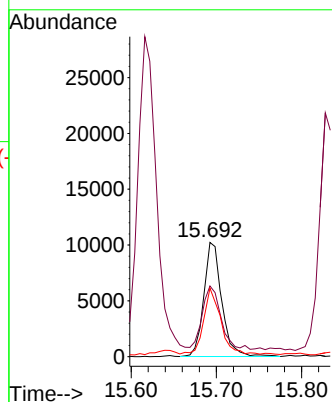
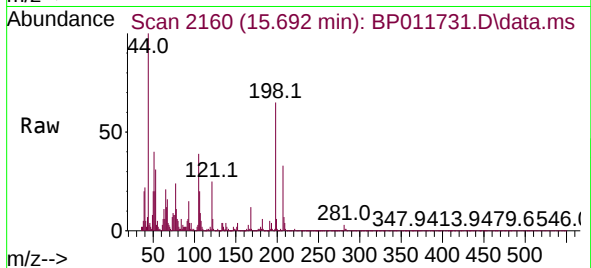




#65
4,6-Dinitro-2-methylphenol
Concen: 1.700 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

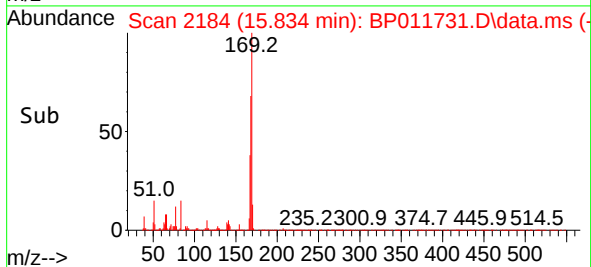
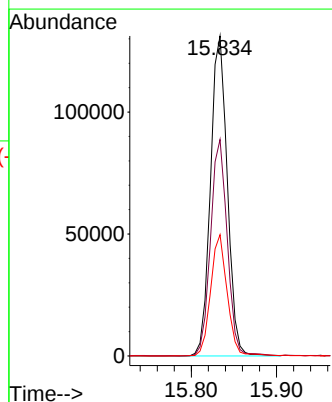
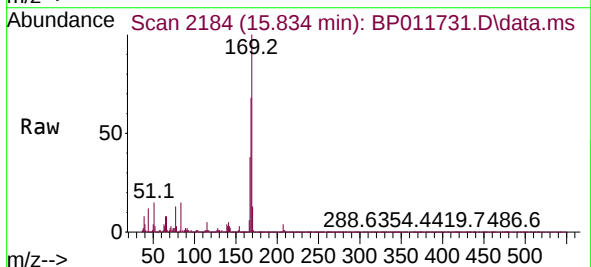
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

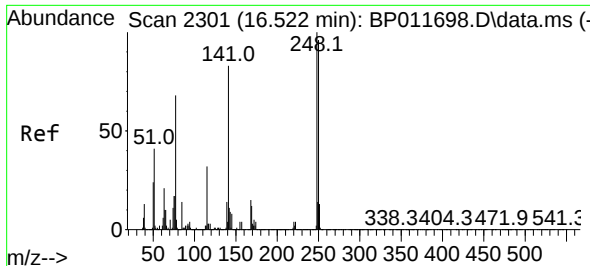
Tgt Ion:198 Resp: 14953
Ion Ratio Lower Upper
198 100
51 61.9 41.2 81.2
105 59.9 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 3.359 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:169 Resp: 179777
Ion Ratio Lower Upper
169 100
168 67.7 51.8 77.8
167 37.9 28.3 42.5

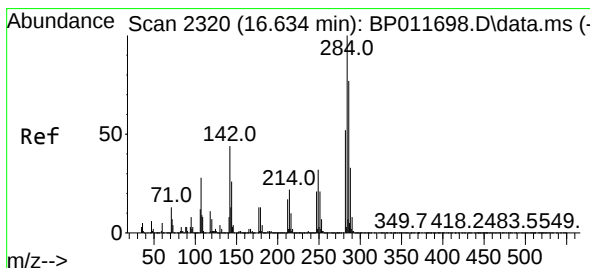
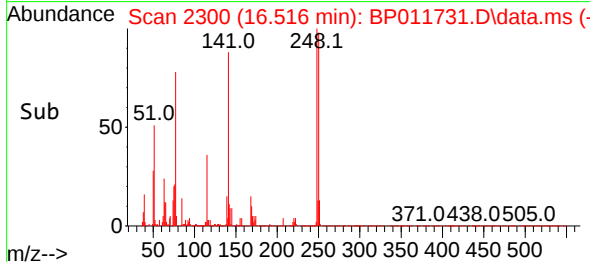
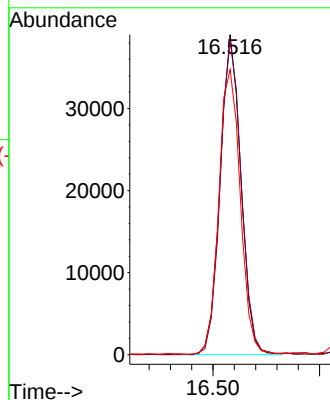
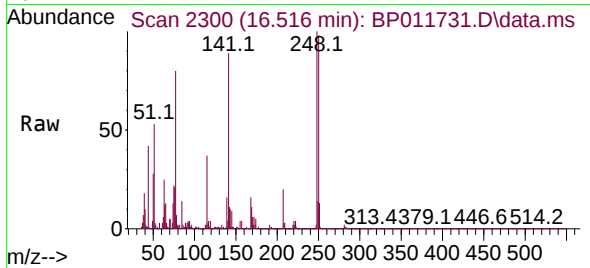




#67
4-Bromophenyl-phenylether
Concen: 3.123 ng
RT: 16.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

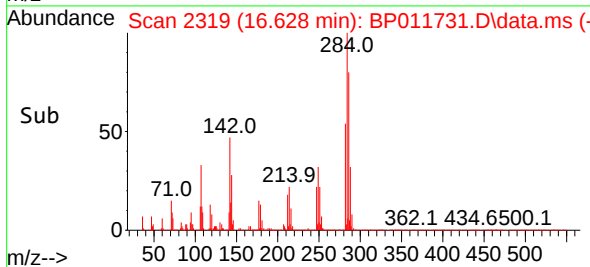
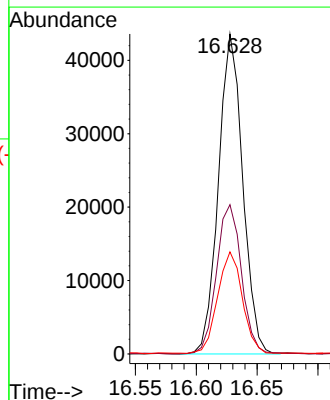
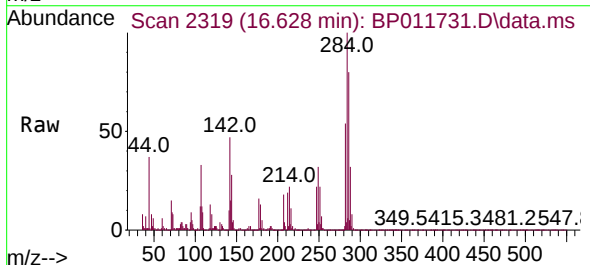
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

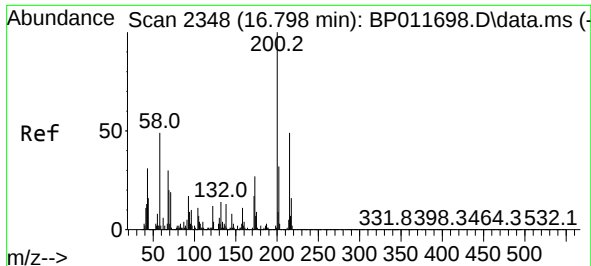
Tgt Ion:248 Resp: 52595
Ion Ratio Lower Upper
248 100
250 98.2 77.7 116.5
141 89.1 62.0 93.0



#68
Hexachlorobenzene
Concen: 3.338 ng
RT: 16.628 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:284 Resp: 60547
Ion Ratio Lower Upper
284 100
142 46.7 30.8 46.2#
249 31.9 26.8 40.2

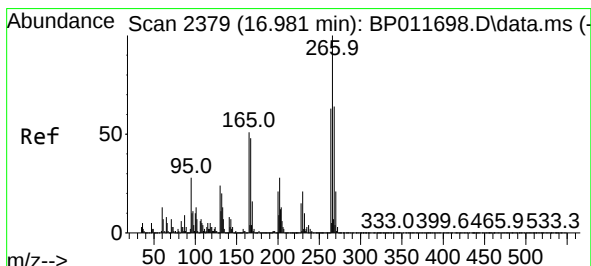
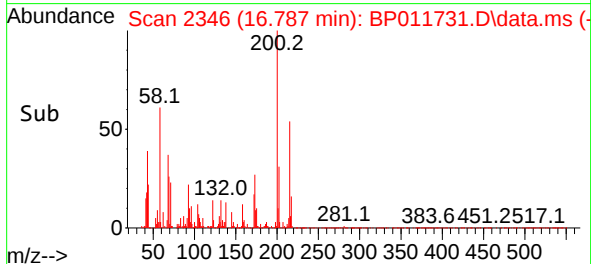
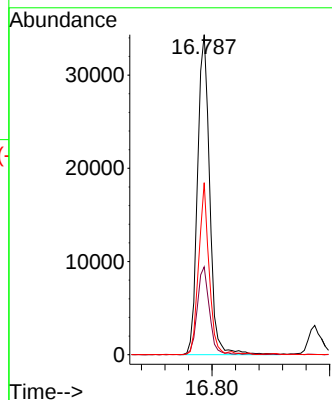
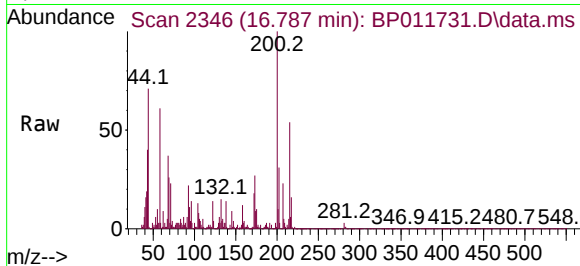




#69
Atrazine
Concen: 3.013 ng
RT: 16.787 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

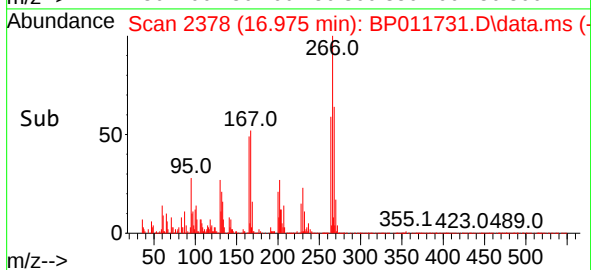
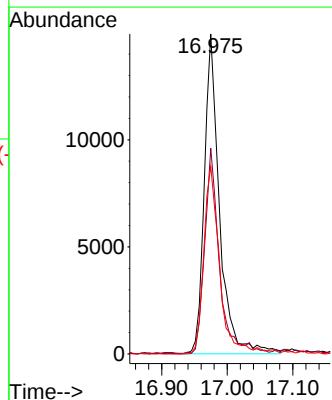
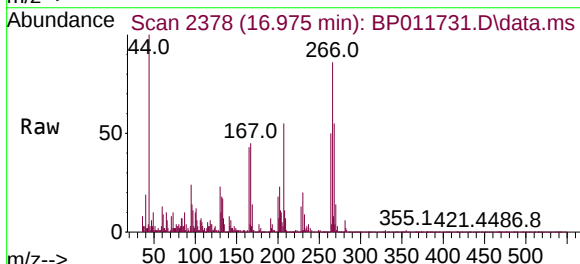
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

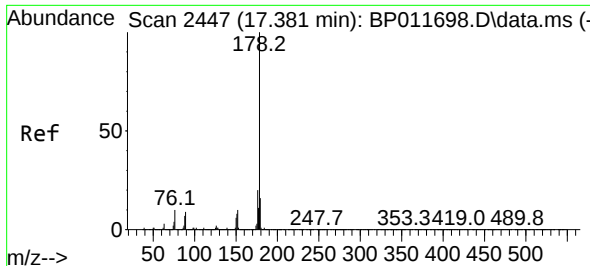
Tgt Ion:200 Resp: 49233
Ion Ratio Lower Upper
200 100
173 27.5 5.3 45.3
215 53.8 29.4 69.4



#70
Pentachlorophenol
Concen: 2.105 ng
RT: 16.975 min Scan# 2378
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:266 Resp: 24215
Ion Ratio Lower Upper
266 100
268 64.3 50.5 75.7
264 58.7 50.4 75.6

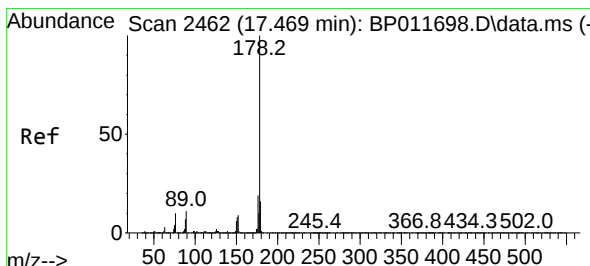
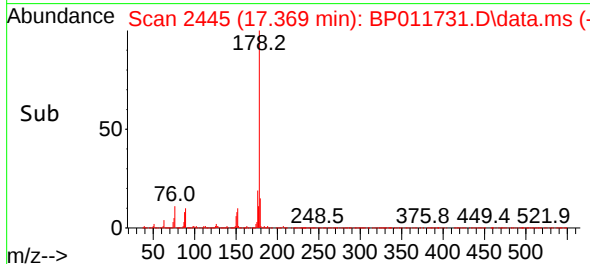
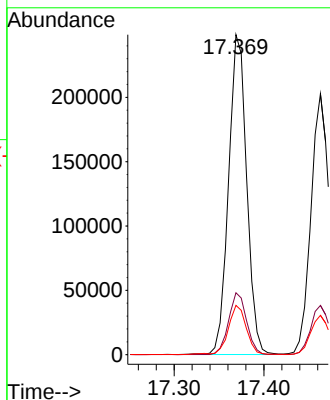
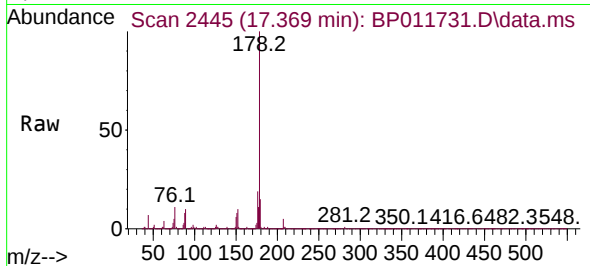




#71
Phenanthrene
Concen: 3.566 ng
RT: 17.369 min Scan# 2445
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

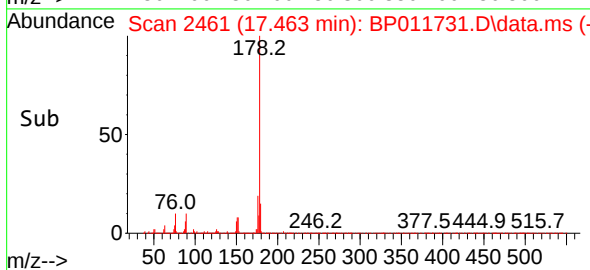
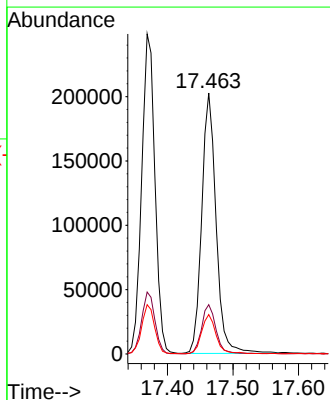
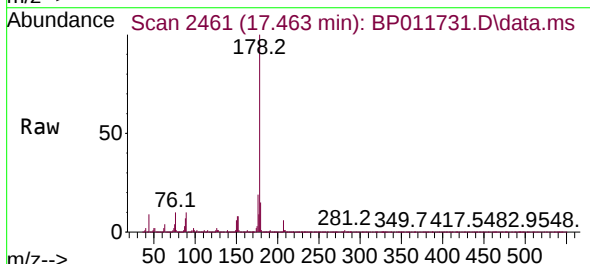
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

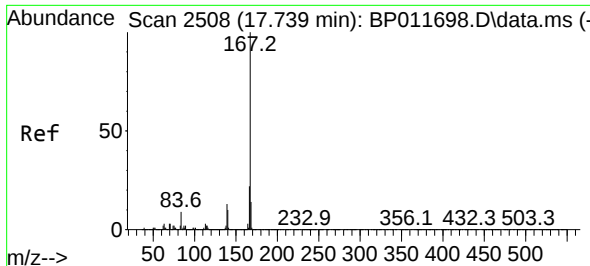
Tgt Ion:178 Resp: 349045
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.4 12.2 18.2



#72
Anthracene
Concen: 3.332 ng
RT: 17.463 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:178 Resp: 308525
Ion Ratio Lower Upper
178 100
176 18.9 14.5 21.7
179 15.1 12.2 18.4

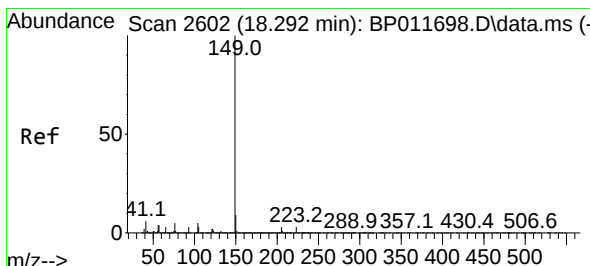
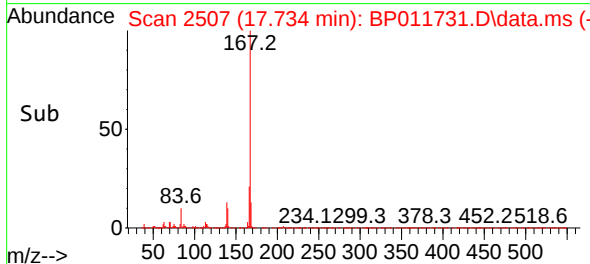
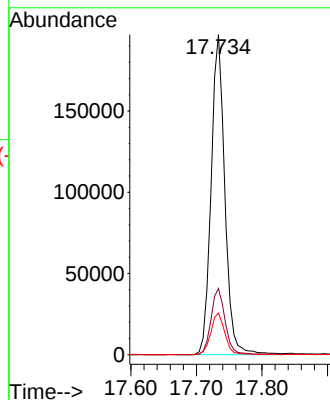
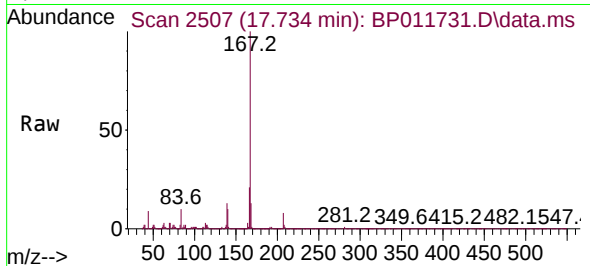




#73
Carbazole
Concen: 3.279 ng
RT: 17.734 min Scan# 2508
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

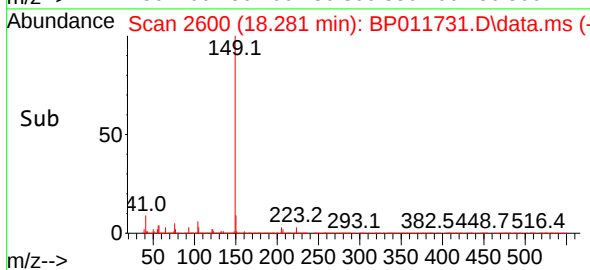
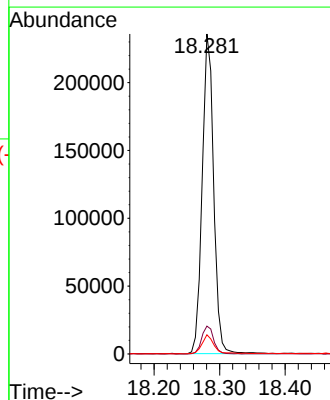
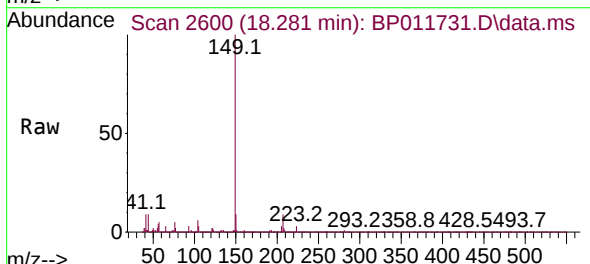
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

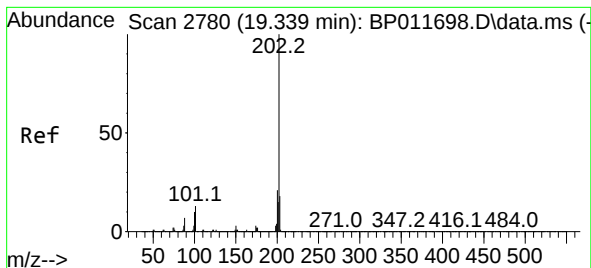
Tgt Ion:167 Resp: 286416
Ion Ratio Lower Upper
167 100
166 20.7 16.9 25.3
139 13.0 10.6 15.8



#74
Di-n-butylphthalate
Concen: 2.725 ng
RT: 18.281 min Scan# 2600
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:149 Resp: 286833
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 6.0 4.8 7.2





#75

Fluoranthene

Concen: 3.238 ng

RT: 19.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

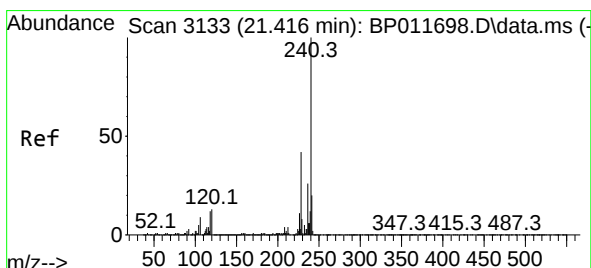
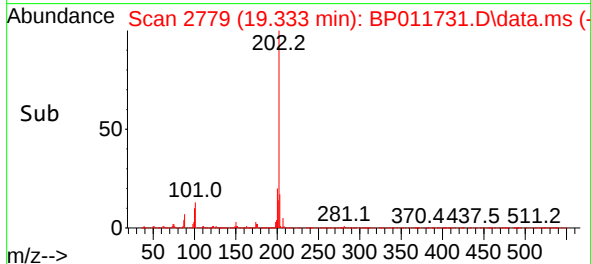
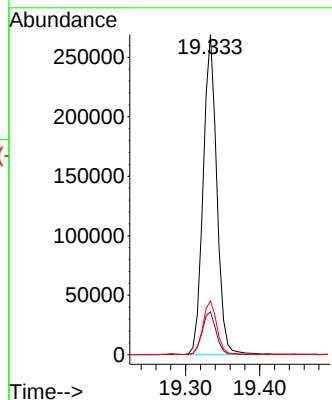
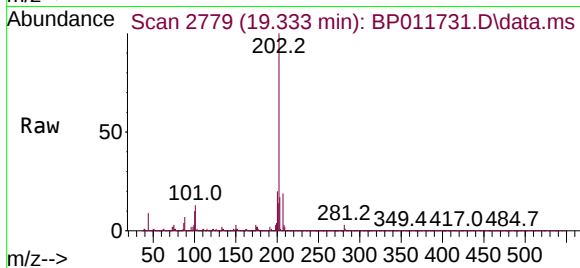
Tgt Ion:202 Resp: 341850

Ion Ratio Lower Upper

202 100

101 13.4 0.0 29.6

203 16.8 0.0 36.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

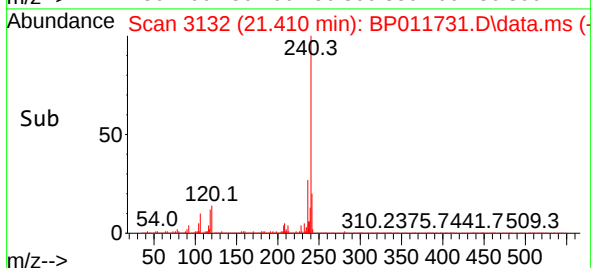
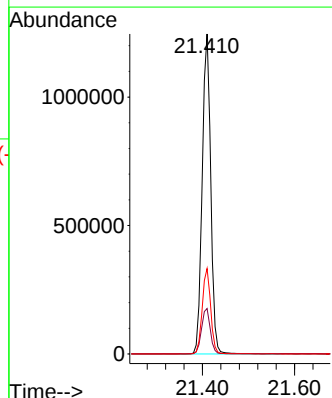
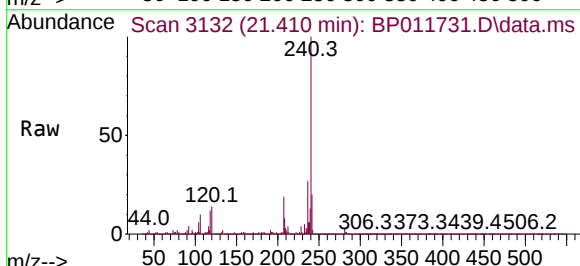
Tgt Ion:240 Resp: 1607649

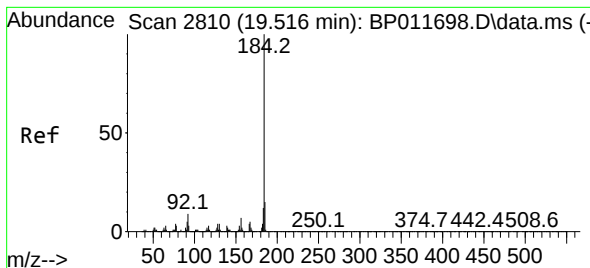
Ion Ratio Lower Upper

240 100

120 14.2 8.6 12.8#

236 26.7 19.8 29.6





#77

Benzidine

Concen: 3.071 ng

RT: 19.516 min Scan# 2810

Delta R.T. -0.000 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

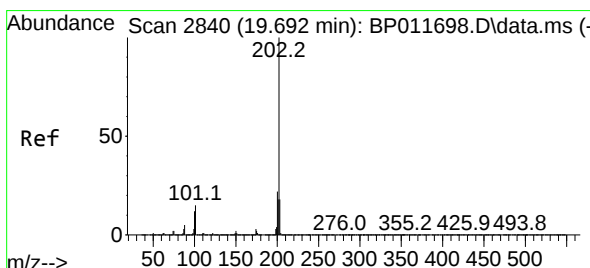
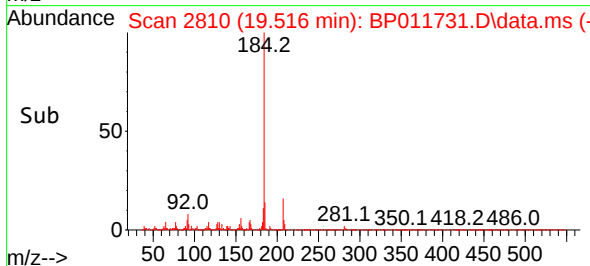
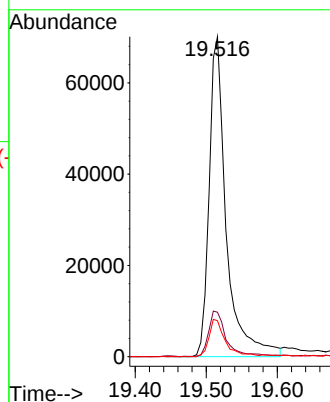
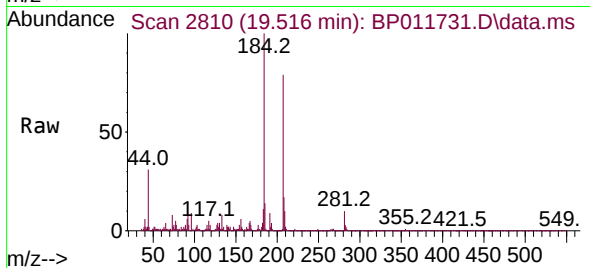
Tgt Ion:184 Resp: 117421

Ion Ratio Lower Upper

184 100

185 13.9 10.7 16.1

183 11.2 9.0 13.6



#78

Pyrene

Concen: 3.329 ng

RT: 19.686 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

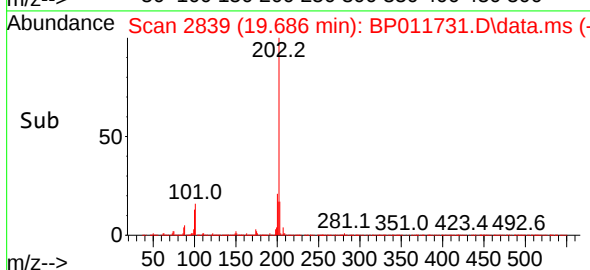
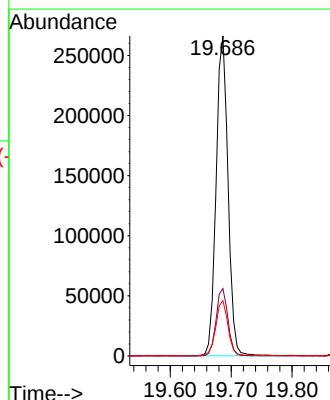
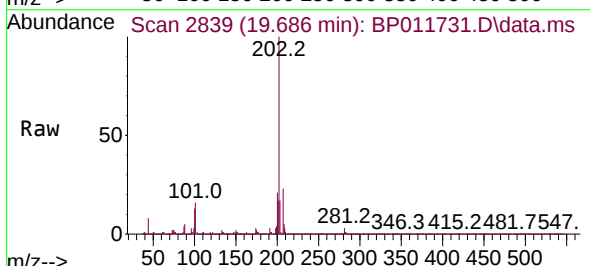
Tgt Ion:202 Resp: 360952

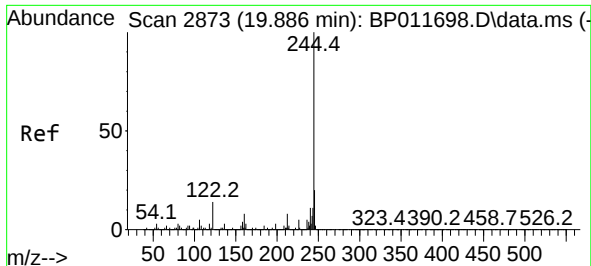
Ion Ratio Lower Upper

202 100

200 21.1 16.3 24.5

203 17.2 14.2 21.4

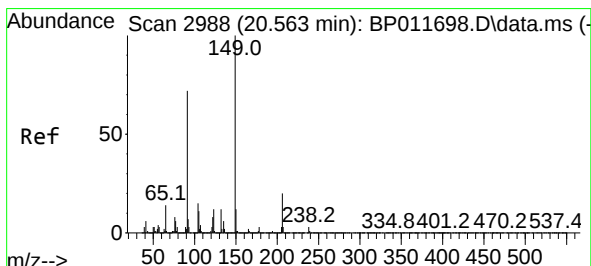
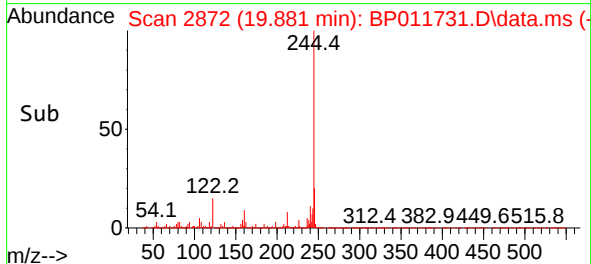
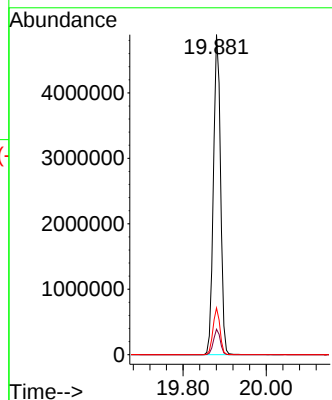
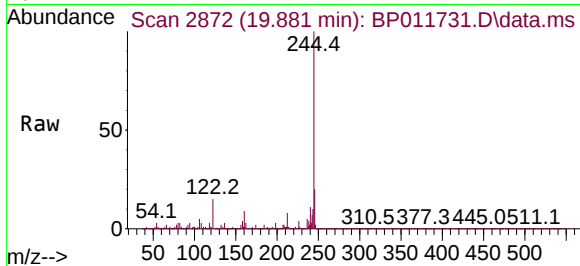




#79
 Terphenyl-d14
 Concen: 78.419 ng
 RT: 19.881 min Scan# 2873
 Delta R.T. -0.006 min
 Lab File: BP011731.D
 Acq: 19 Sep 2022 11:38

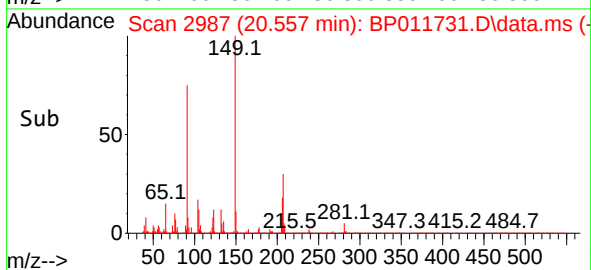
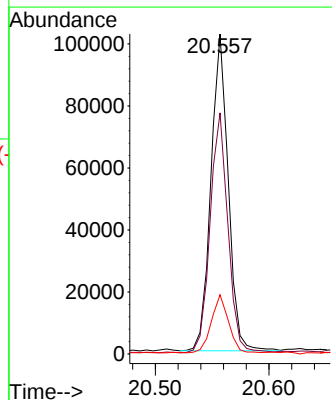
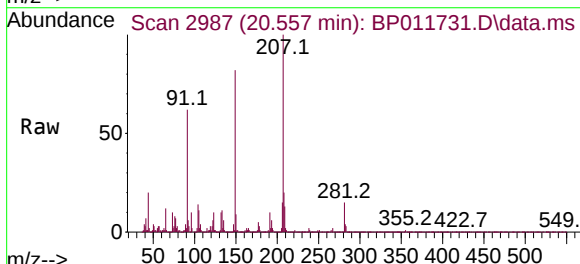
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

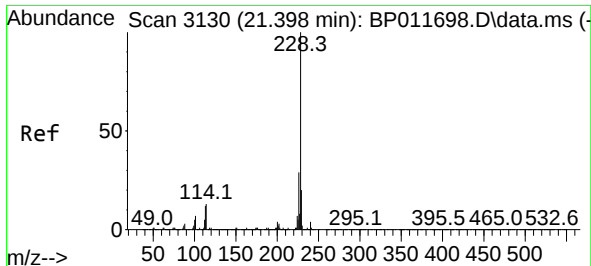
Tgt Ion:244 Resp: 5797481
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 14.6 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 2.373 ng
 RT: 20.557 min Scan# 2987
 Delta R.T. -0.006 min
 Lab File: BP011731.D
 Acq: 19 Sep 2022 11:38

Tgt Ion:149 Resp: 107827
 Ion Ratio Lower Upper
 149 100
 91 75.4 62.5 93.7
 206 18.5 17.0 25.4

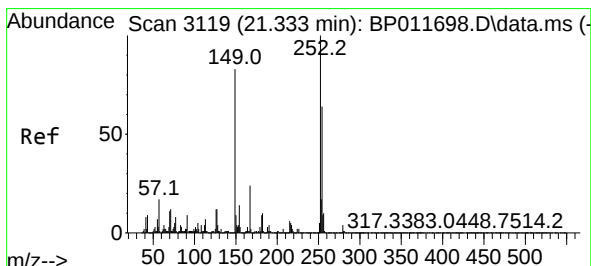
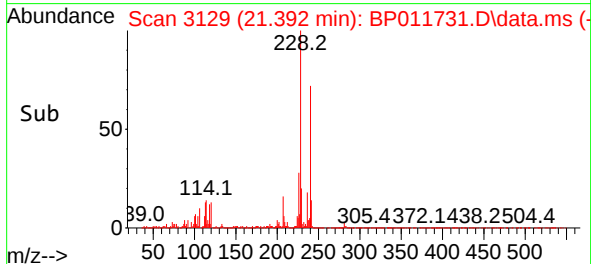
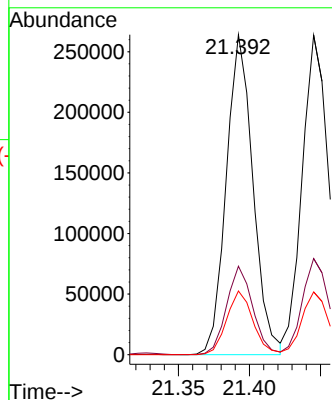
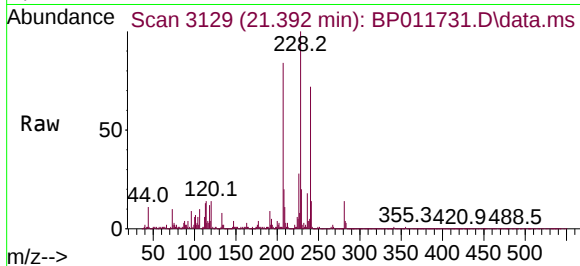




#81
Benzo(a)anthracene
Concen: 3.335 ng
RT: 21.392 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

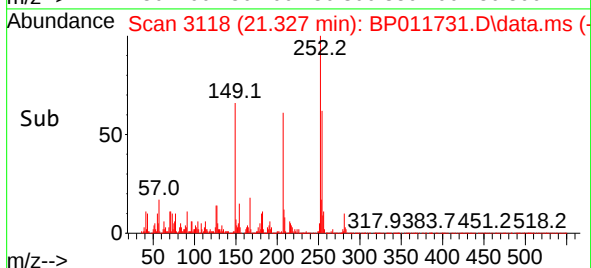
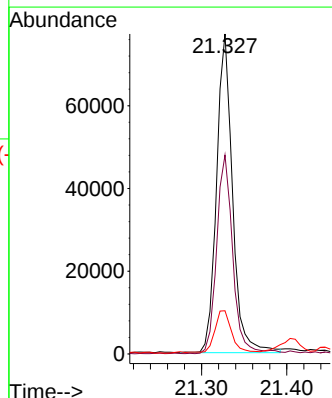
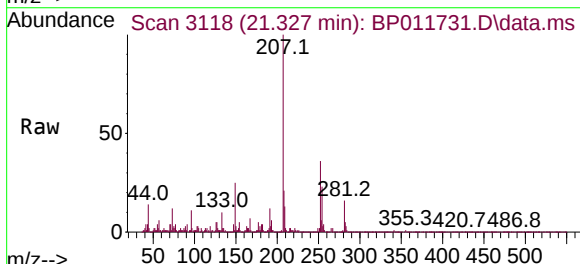
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

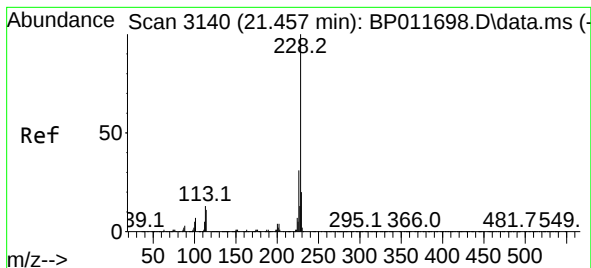
Tgt Ion:228 Resp: 345613
Ion Ratio Lower Upper
228 100
226 27.6 20.8 31.2
229 19.9 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 3.194 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:252 Resp: 100521
Ion Ratio Lower Upper
252 100
254 62.2 51.1 76.7
126 13.5 8.4 12.6#





#83

Chrysene

Concen: 3.487 ng

RT: 21.445 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

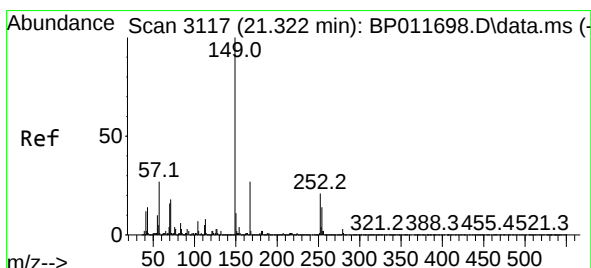
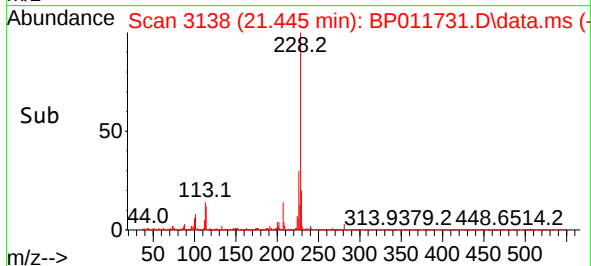
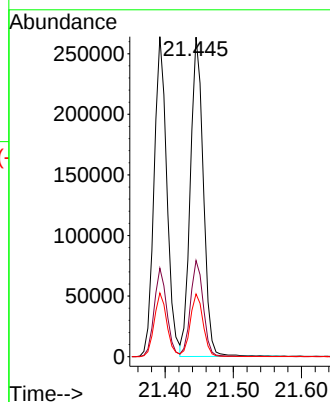
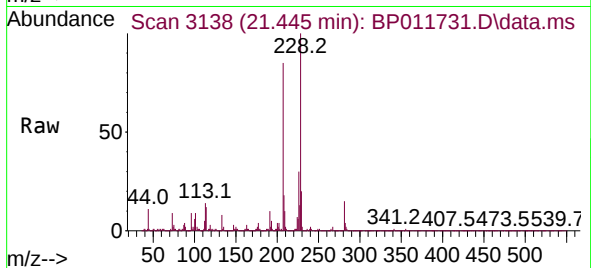
Tgt Ion:228 Resp: 345216

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.375 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

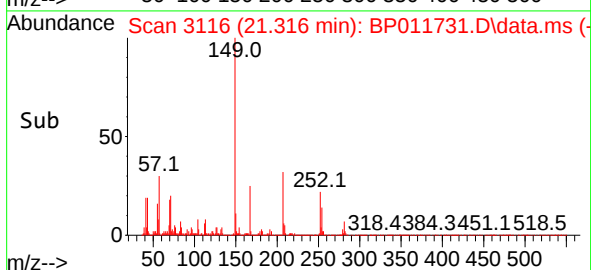
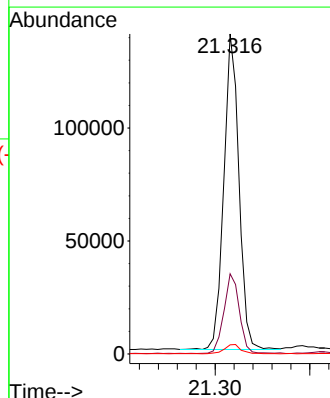
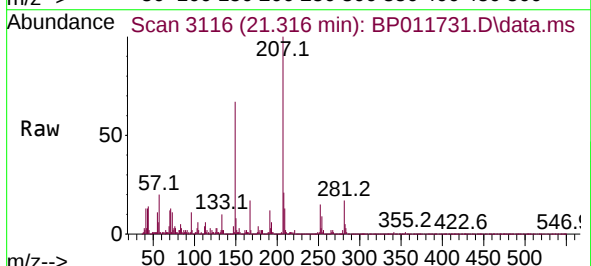
Tgt Ion:149 Resp: 155211

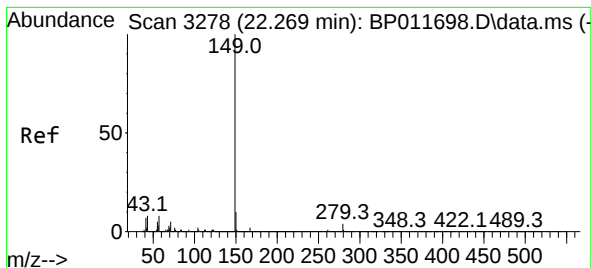
Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.8

279 2.8 3.7 5.5#





#85

Di-n-octyl phthalate

Concen: 2.068 ng

RT: 22.257 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

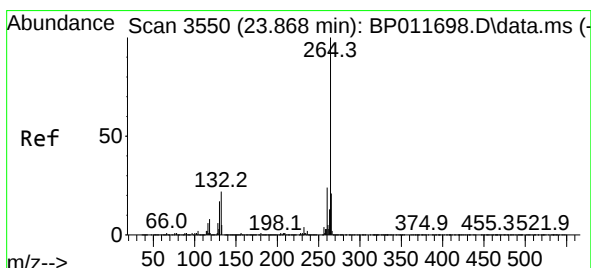
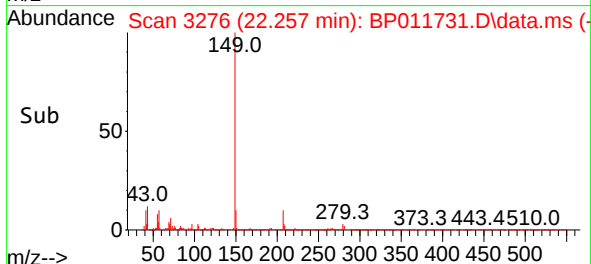
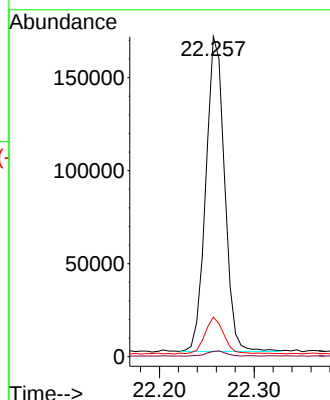
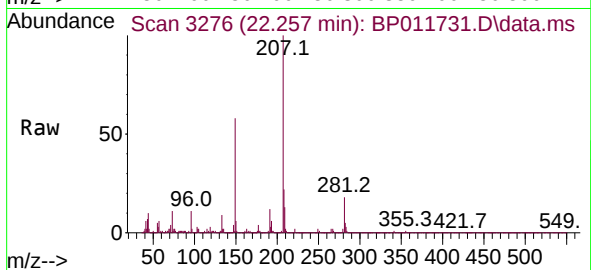
Tgt Ion:149 Resp: 231932

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 12.3 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.863 min Scan# 3549

Delta R.T. -0.006 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

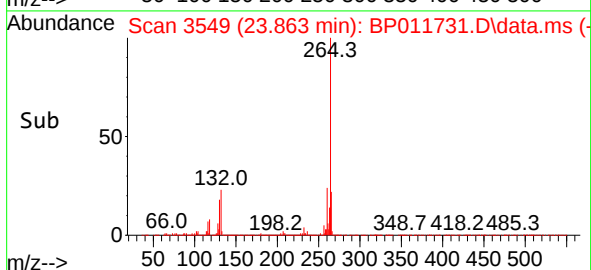
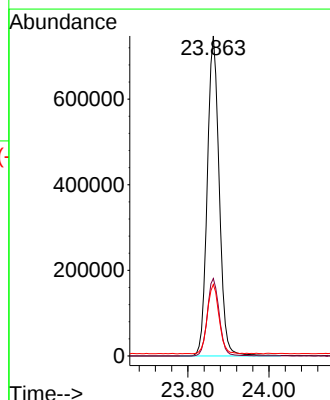
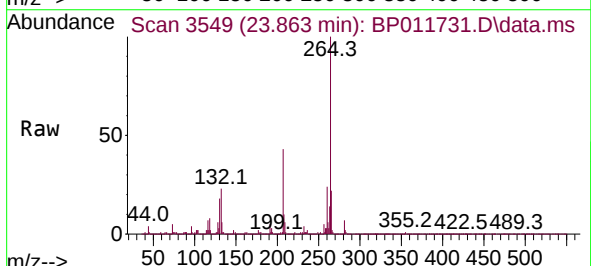
Tgt Ion:264 Resp: 1519186

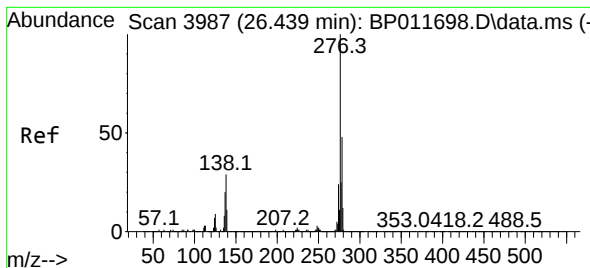
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 22.4 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.101 ng

RT: 26.421 min Scan# 3984

Delta R.T. -0.018 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

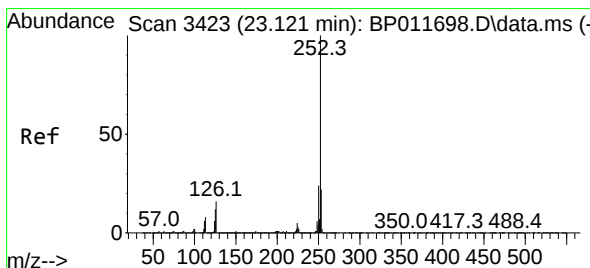
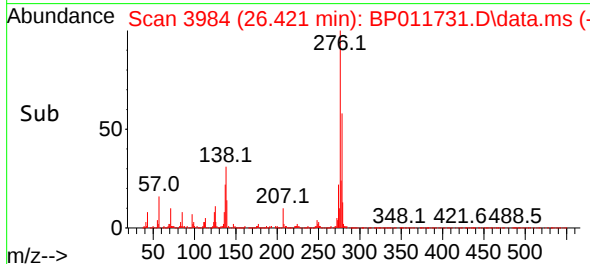
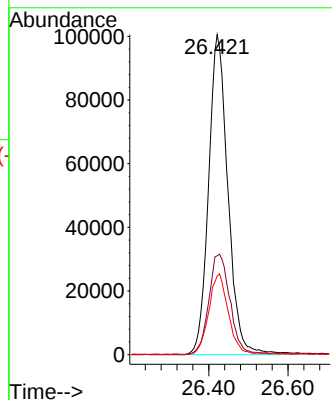
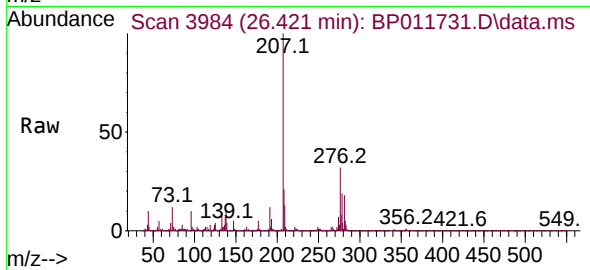
Tgt Ion:276 Resp: 339436

Ion Ratio Lower Upper

276 100

138 34.4 17.5 26.3#

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 3.458 ng

RT: 23.110 min Scan# 3421

Delta R.T. -0.012 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

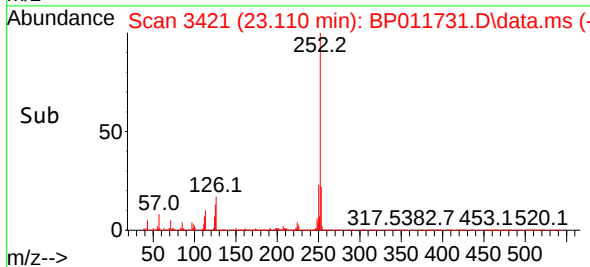
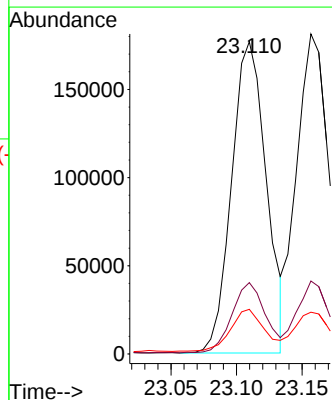
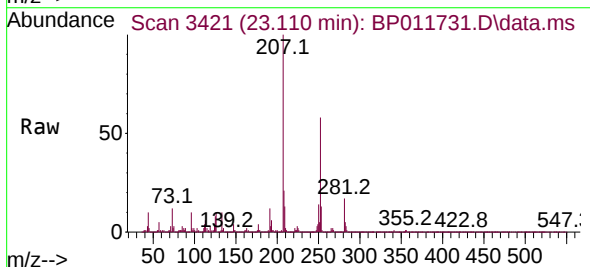
Tgt Ion:252 Resp: 324890

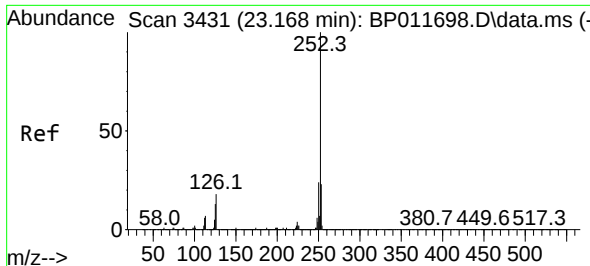
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 14.3 7.0 10.6#

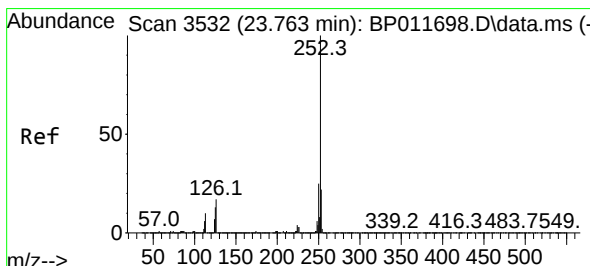
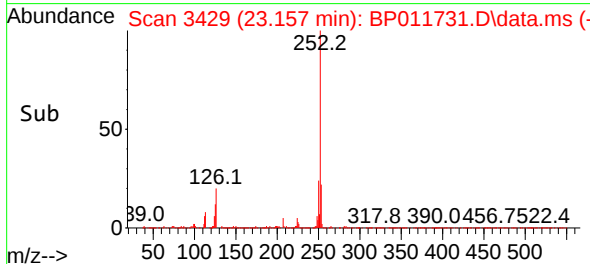
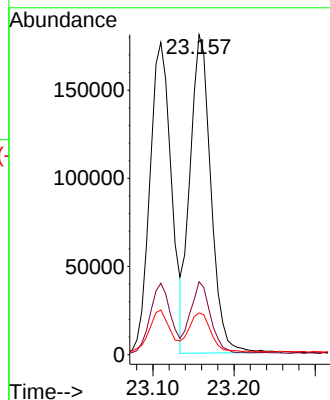
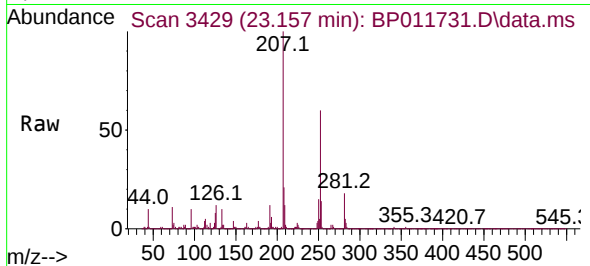




#89
Benzo(k)fluoranthene
Concen: 3.417 ng
RT: 23.157 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

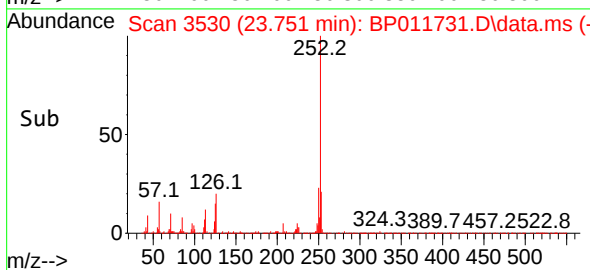
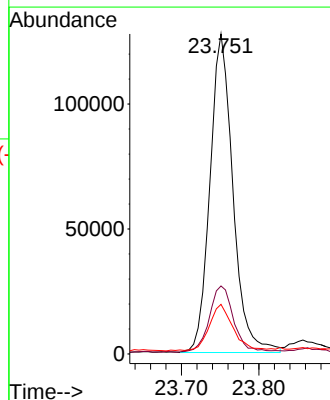
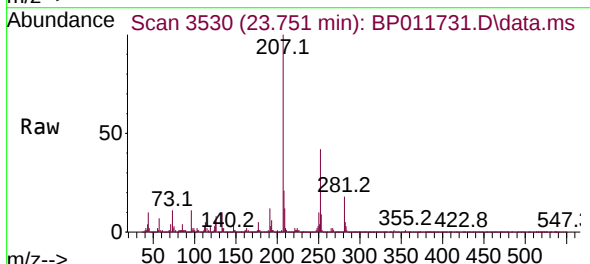
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2022

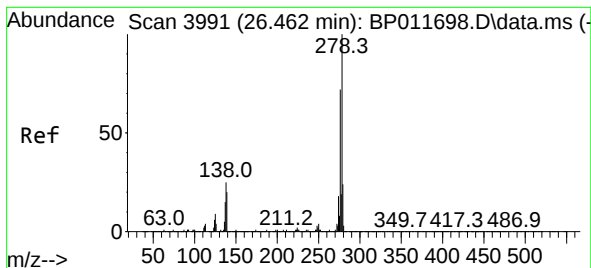
Tgt Ion:252 Resp: 323548
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 13.1 7.0 10.4#



#90
Benzo(a)pyrene
Concen: 3.392 ng
RT: 23.751 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BP011731.D
Acq: 19 Sep 2022 11:38

Tgt Ion:252 Resp: 263296
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 15.5 7.9 11.9#





#91

Dibenzo(a,h)anthracene

Concen: 3.299 ng

RT: 26.439 min Scan# 3991

Delta R.T. -0.023 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2022

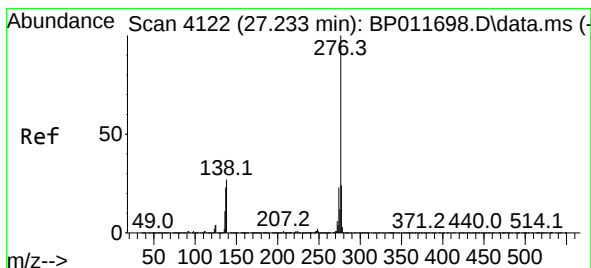
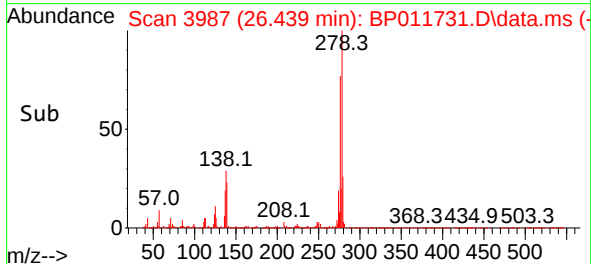
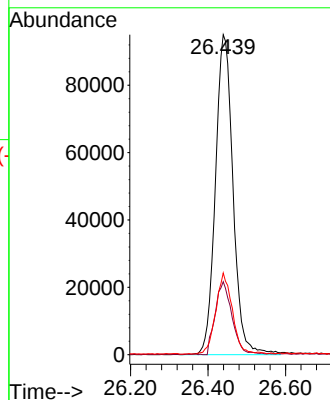
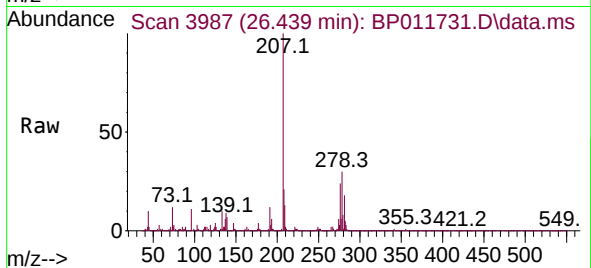
Tgt Ion:278 Resp: 299837

Ion Ratio Lower Upper

278 100

139 22.8 11.4 17.0#

279 25.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 3.344 ng

RT: 27.204 min Scan# 4117

Delta R.T. -0.029 min

Lab File: BP011731.D

Acq: 19 Sep 2022 11:38

Tgt Ion:276 Resp: 296303

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 30.3 15.2 22.8#

