

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009503.D
 Acq On : 23 Mar 2022 12:42
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 23 13:46:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 23 13:46:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	408499	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1532621	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	922982	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1765949	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1714736	20.000	ng	0.00
86) Perylene-d12	23.715	264	1964588	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2727667	116.581	ng	-0.01
7) Phenol-d6	6.981	99	3702840	117.025	ng	-0.01
23) Nitrobenzene-d5	8.946	82	2470587	85.663	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	1458316	95.748	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	5633061	84.607	ng	0.00
79) Terphenyl-d14	19.774	244	7298612	76.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	73864	7.970	ng	99
3) Pyridine	3.728	79	169993	6.811	ng	# 95
4) n-Nitrosodimethylamine	3.634	42	69355	7.545	ng	# 95
6) Aniline	7.122	93	294448	8.165	ng	98
8) 2-Chlorophenol	7.363	128	197040	7.385	ng	98
9) Benzaldehyde	6.940	77	178051	10.617	ng	98
10) Phenol	7.005	94	239639	7.549	ng	93
11) bis(2-Chloroethyl)ether	7.216	93	185301	7.376	ng	97
12) 1,3-Dichlorobenzene	7.681	146	227600	7.558	ng	98
13) 1,4-Dichlorobenzene	7.828	146	230824	7.497	ng	99
14) 1,2-Dichlorobenzene	8.140	146	219703	7.383	ng	98
15) Benzyl Alcohol	8.046	79	106555	4.224	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	219287	8.052	ng	95
17) 2-Methylphenol	8.252	107	155352	7.102	ng	97
18) Hexachloroethane	8.863	117	80355	7.447	ng	98
19) n-Nitroso-di-n-propyla...	8.599	70	145312	7.261	ng	99
20) 3+4-Methylphenols	8.581	107	204836	6.810	ng	98
22) Acetophenone	8.616	105	294543	7.765	ng	# 96
24) Nitrobenzene	8.987	77	225451	8.275	ng	98
25) Isophorone	9.516	82	393786	8.005	ng	100
26) 2-Nitrophenol	9.704	139	95636	6.734	ng	97
27) 2,4-Dimethylphenol	9.775	122	165959	8.282	ng	99
28) bis(2-Chloroethoxy)met...	10.004	93	239840	7.488	ng	97
29) 2,4-Dichlorophenol	10.263	162	165906	6.787	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	208713	7.370	ng	100
31) Naphthalene	10.634	128	612374	7.757	ng	100
32) Benzoic acid	9.946	122	33330	2.127	ng	89
33) 4-Chloroaniline	10.757	127	243170	7.548	ng	99
34) Hexachlorobutadiene	10.922	225	131961	6.877	ng	98
35) Caprolactam	11.534	113	49297	5.976	ng	97
36) 4-Chloro-3-methylphenol	11.904	107	173354	6.600	ng	98
37) 2-Methylnaphthalene	12.251	142	410802	7.416	ng	97
38) 1-Methylnaphthalene	12.469	142	394718	7.315	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	236130	7.711	ng	99
41) Hexachlorocyclopentadiene	12.604	237	40032	3.710	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	135447	6.673	ng	96

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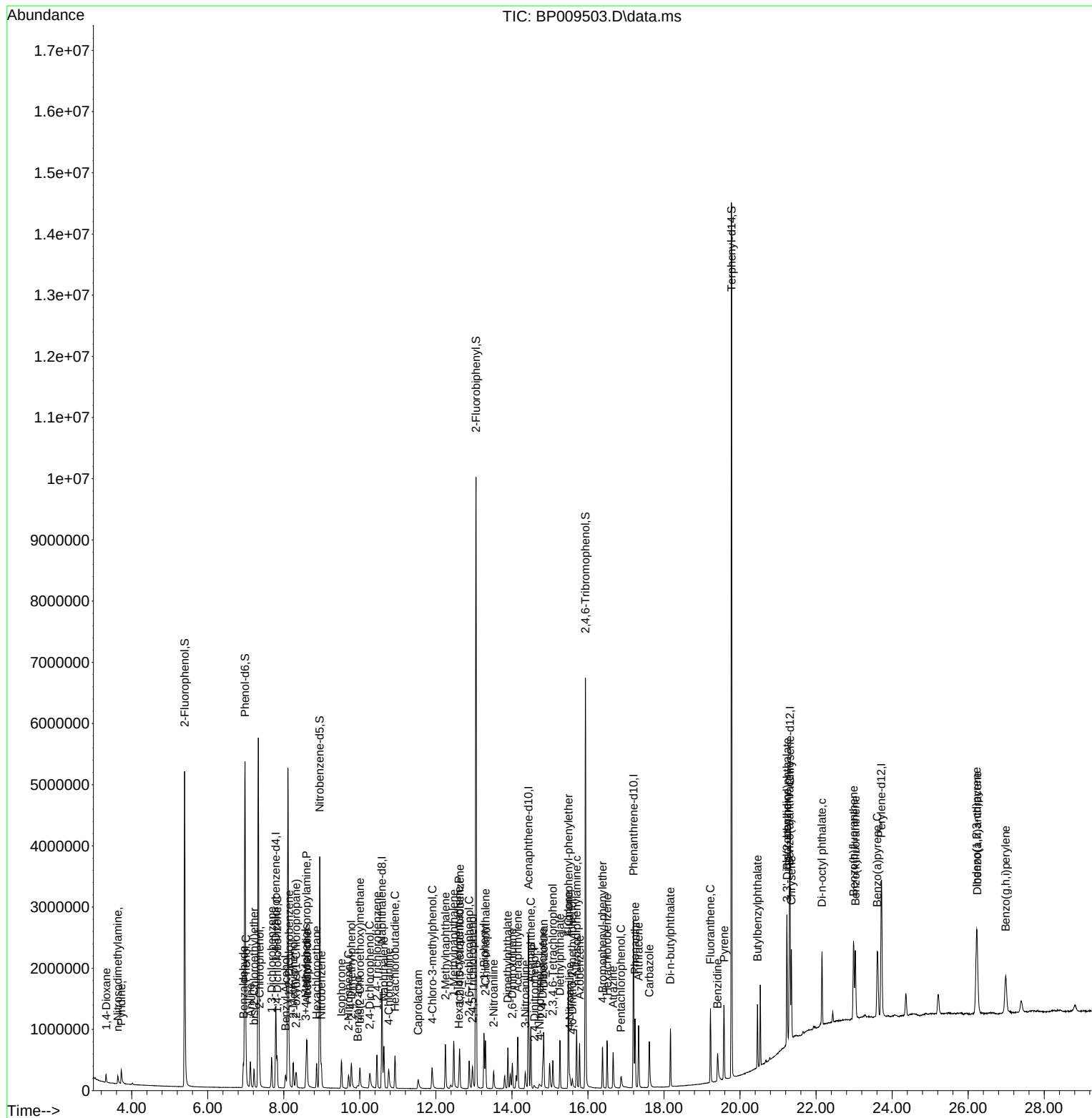
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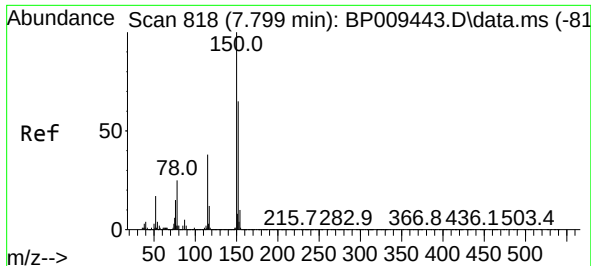
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 QLast Update : Wed Mar 23 13:46:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	148822	6.752	ng	97
46) 1,1'-Biphenyl	13.269	154	556034	8.075	ng	97
47) 2-Chloronaphthalene	13.304	162	418722	7.724	ng	98
48) 2-Nitroaniline	13.522	65	96505	6.536	ng	97
49) Acenaphthylene	14.151	152	663498	7.928	ng	99
50) Dimethylphthalate	13.892	163	486950	6.963	ng	99
51) 2,6-Dinitrotoluene	14.010	165	99480	6.789	ng	98
52) Acenaphthene	14.498	154	376345	7.528	ng	99
53) 3-Nitroaniline	14.351	138	96476	6.233	ng	97
54) 2,4-Dinitrophenol	14.592	184	21839	2.713	ng	96
55) Dibenzofuran	14.834	168	618285	7.362	ng	100
56) 4-Nitrophenol	14.728	139	44042	3.817	ng	91
57) 2,4-Dinitrotoluene	14.810	165	121378	6.024	ng	96
58) Fluorene	15.486	166	481696	7.293	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.075	232	124276	6.219	ng	93
60) Diethylphthalate	15.263	149	472034	6.744	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	256708	7.055	ng	95
62) 4-Nitroaniline	15.522	138	92847	5.712	ng	97
63) Azobenzene	15.781	77	432272	7.099	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	49972	4.401	ng	94
66) n-Nitrosodiphenylamine	15.704	169	411095	7.866	ng	98
67) 4-Bromophenyl-phenylether	16.386	248	152224	7.044	ng	96
68) Hexachlorobenzene	16.504	284	174356	7.011	ng	97
69) Atrazine	16.663	200	138672	7.547	ng	98
70) Pentachlorophenol	16.869	266	63428	4.771	ng	97
71) Phenanthrene	17.239	178	720500	7.622	ng	100
72) Anthracene	17.333	178	716410	7.676	ng	99
73) Carbazole	17.616	167	635305	6.960	ng	100
74) Di-n-butylphthalate	18.169	149	743664	6.953	ng	99
75) Fluoranthene	19.222	202	813099	7.105	ng	98
77) Benzidine	19.410	184	434998	10.350	ng	99
78) Pyrene	19.580	202	850830	7.530	ng	99
80) Butylbenzylphthalate	20.463	149	342664	7.135	ng	93
81) Benzo(a)anthracene	21.298	228	862767	7.658	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	339389	7.798	ng	99
83) Chrysene	21.351	228	801805	7.516	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	527503	7.880	ng	99
85) Di-n-octyl phthalate	22.157	149	935199	8.105	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	1101443	7.390	ng	97
88) Benzo(b)fluoranthene	22.986	252	913864	7.792	ng	98
89) Benzo(k)fluoranthene	23.033	252	886461	7.720	ng	99
90) Benzo(a)pyrene	23.610	252	903872	9.008	ng	99
91) Dibenzo(a,h)anthracene	26.239	278	968723	7.798	ng	98
92) Benzo(g,h,i)perylene	26.986	276	954634	7.812	ng	97

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

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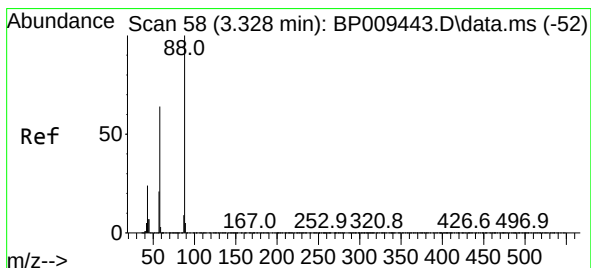
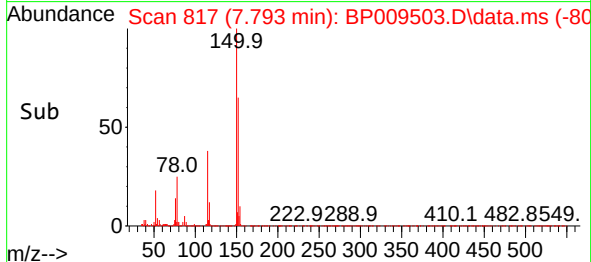
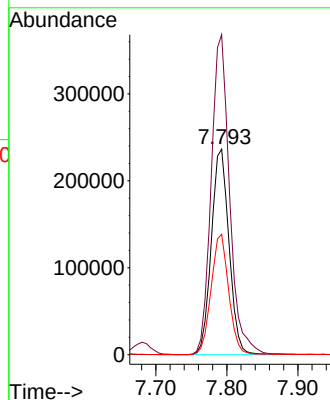
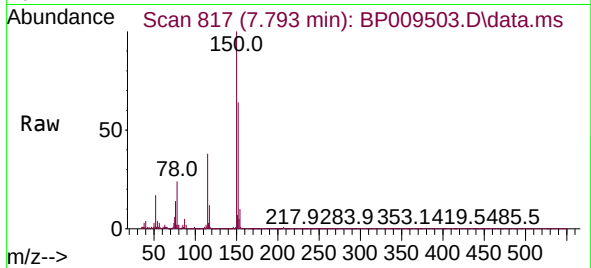




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP009503.D
 Acq: 23 Mar 2022 12:42

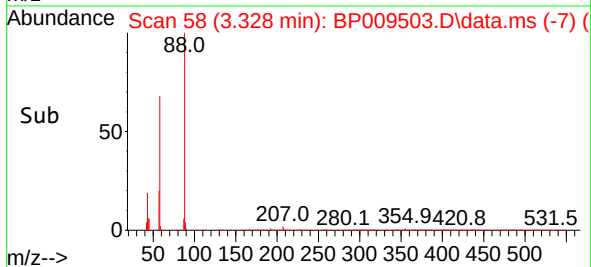
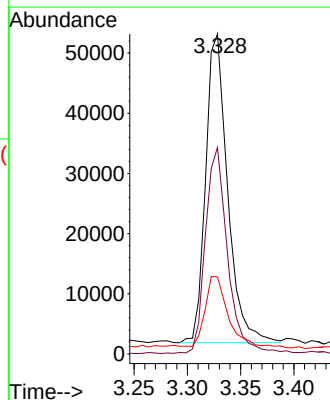
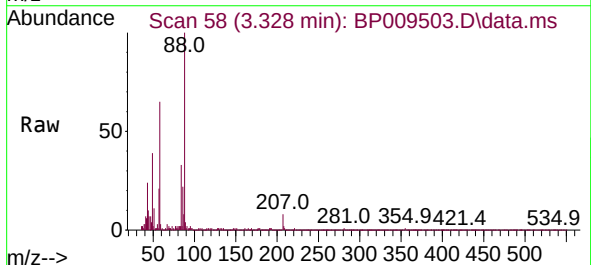
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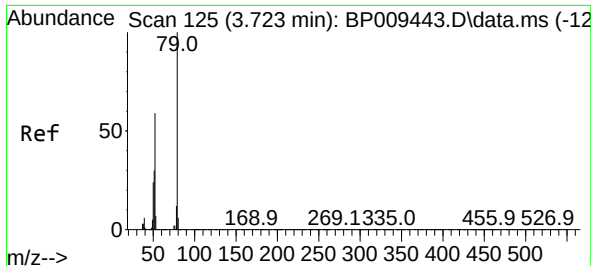
Tgt Ion:152 Resp: 408499
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.5 186.7
 115 58.6 48.2 72.4



#2
 1,4-Dioxane
 Concen: 7.970 ng
 RT: 3.328 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BP009503.D
 Acq: 23 Mar 2022 12:42

Tgt Ion: 88 Resp: 73864
 Ion Ratio Lower Upper
 88 100
 58 67.3 54.2 81.2
 43 24.8 20.4 30.6





#3

Pyridine

Concen: 6.811 ng

RT: 3.728 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

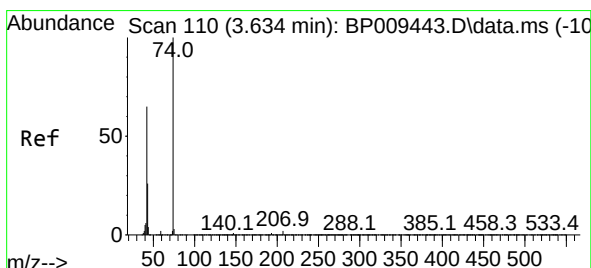
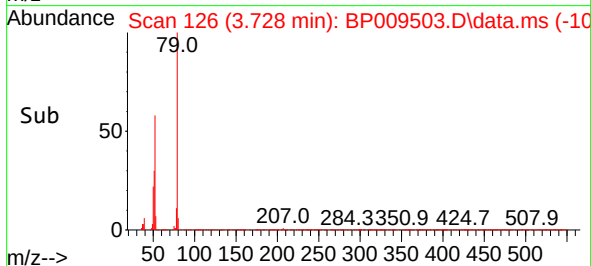
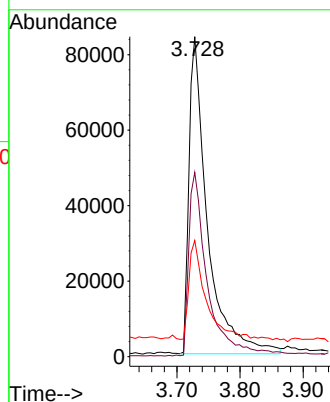
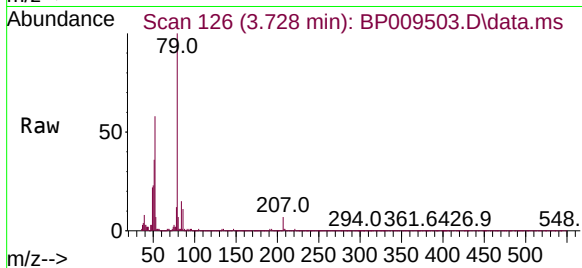
Tgt Ion: 79 Resp: 169993

Ion Ratio Lower Upper

79 100

52 57.6 47.5 71.3

51 36.3 24.1 36.1#



#4

n-Nitrosodimethylamine

Concen: 7.545 ng

RT: 3.634 min Scan# 110

Delta R.T. -0.000 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

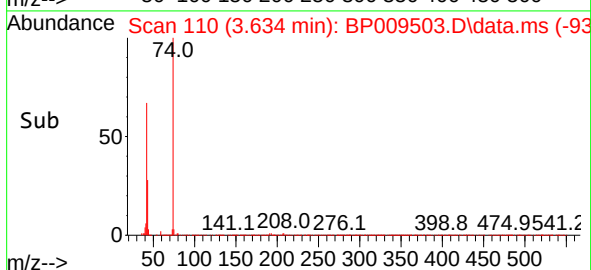
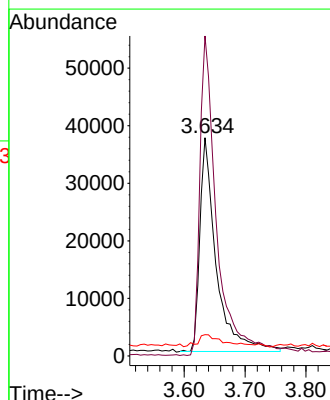
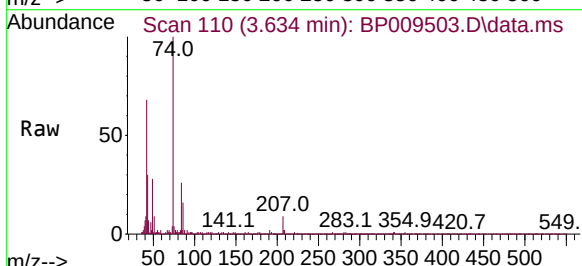
Tgt Ion: 42 Resp: 69355

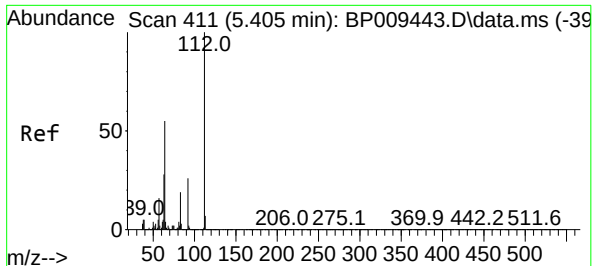
Ion Ratio Lower Upper

42 100

74 146.7 122.1 183.1

44 9.8 5.8 8.8#

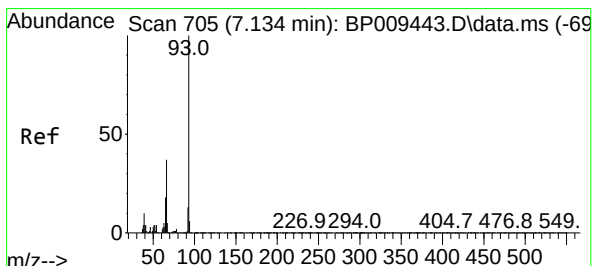
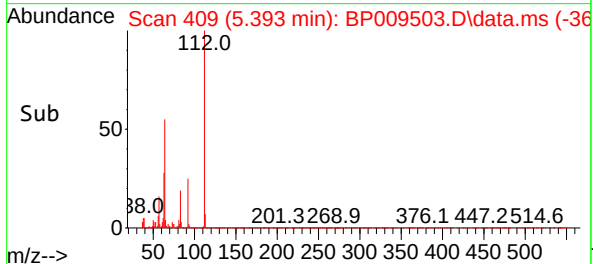
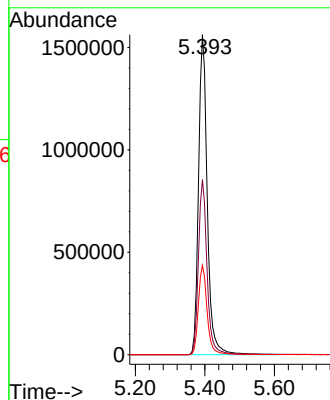
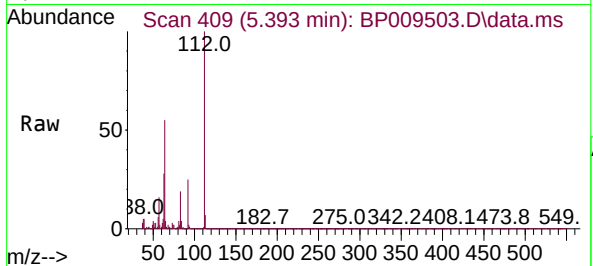




#5
2-Fluorophenol
Concen: 116.581 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

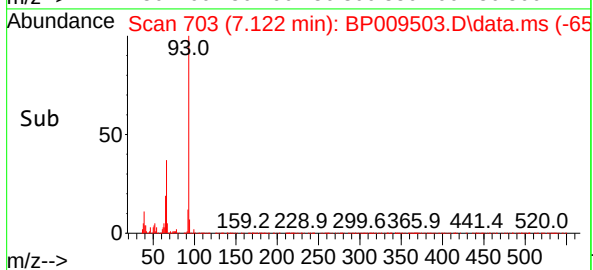
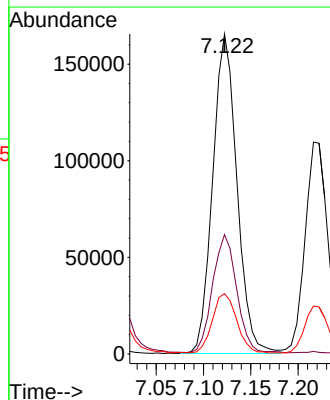
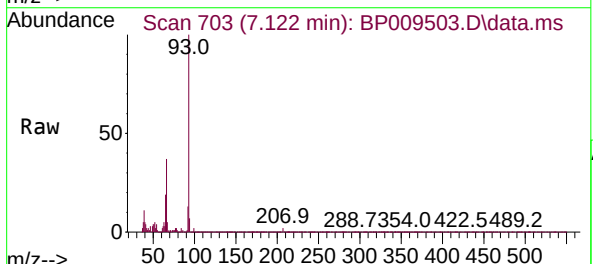
Instrument :
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ClientSampleId :
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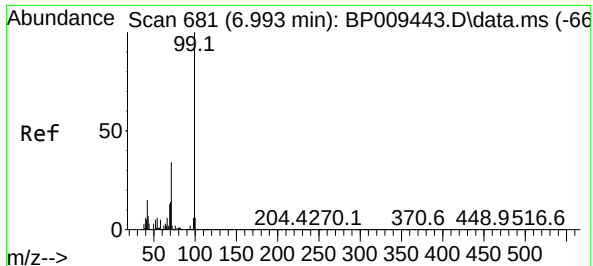
Tgt Ion:112 Resp: 2727667
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 27.9 23.0 34.6



#6
Aniline
Concen: 8.165 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 93 Resp: 294448
Ion Ratio Lower Upper
93 100
66 37.3 30.9 46.3
65 18.8 15.8 23.8

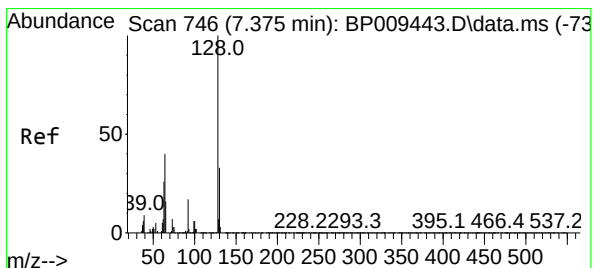
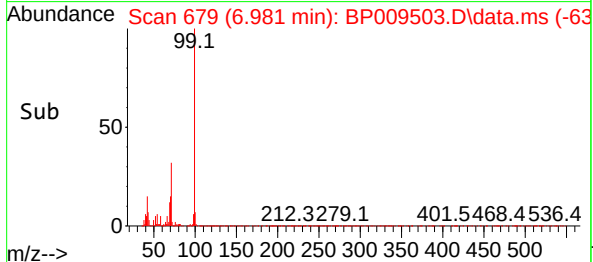
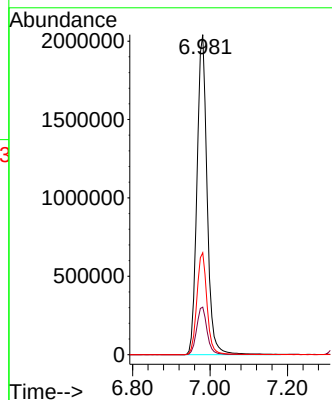
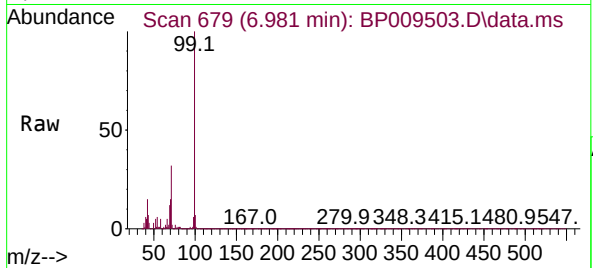




#7
Phenol-d6
Concen: 117.025 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

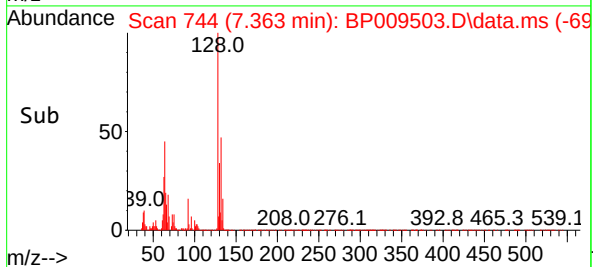
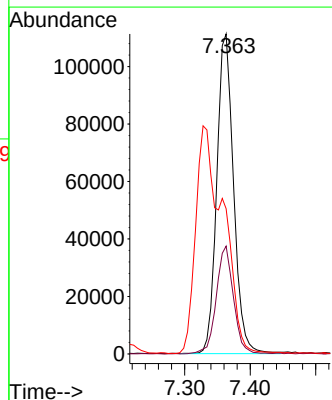
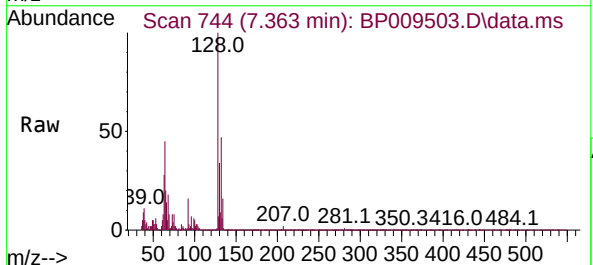
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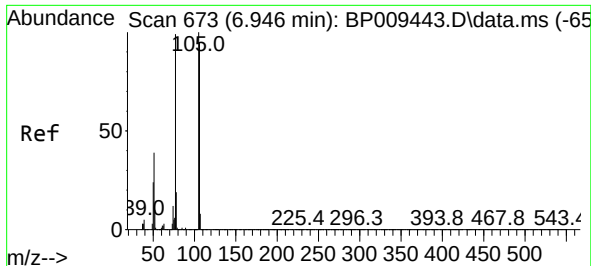
Tgt Ion: 99 Resp: 3702840
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 31.9 26.3 39.5



#8
2-Chlorophenol
Concen: 7.385 ng
RT: 7.363 min Scan# 744
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 128 Resp: 197040
Ion Ratio Lower Upper
128 100
130 33.7 12.5 52.5
64 45.4 26.2 66.2

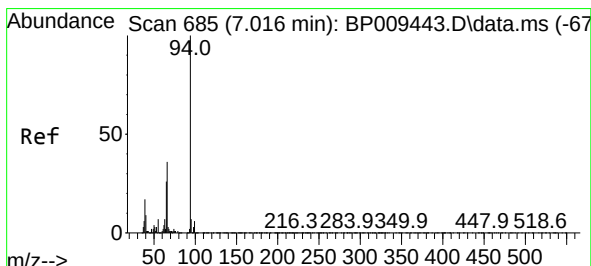
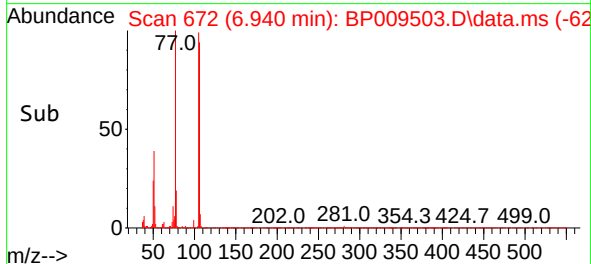
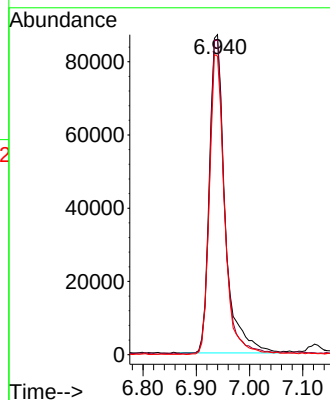
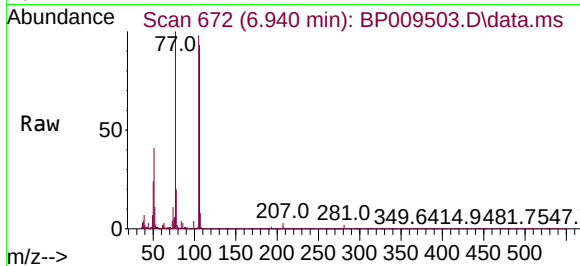




#9
Benzaldehyde
Concen: 10.617 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

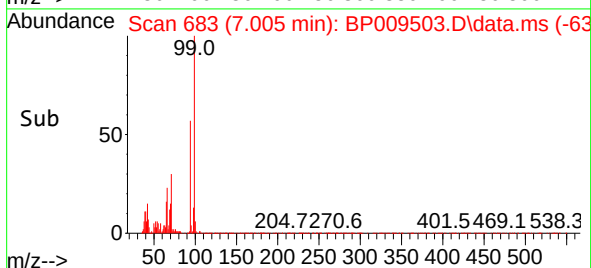
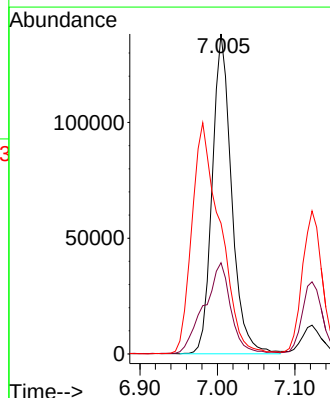
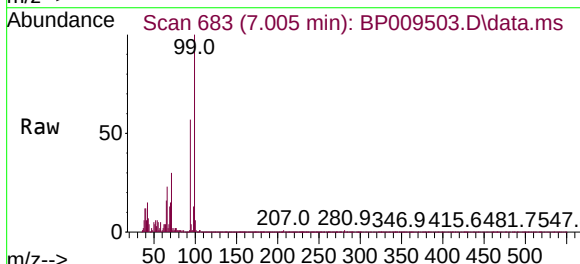
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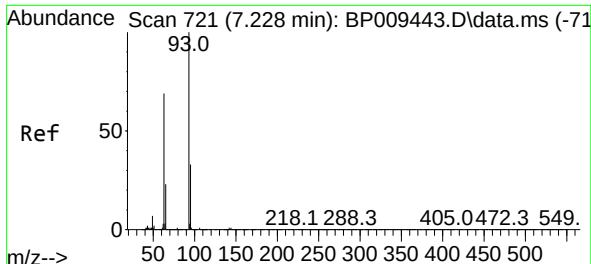
Tgt Ion: 77 Resp: 178051
Ion Ratio Lower Upper
77 100
105 98.2 75.2 115.2
106 93.3 72.3 112.3



#10
Phenol
Concen: 7.549 ng
RT: 7.005 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 94 Resp: 239639
Ion Ratio Lower Upper
94 100
65 28.5 7.2 47.2
66 40.8 14.3 54.3

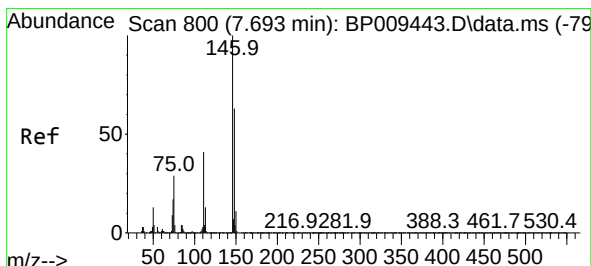
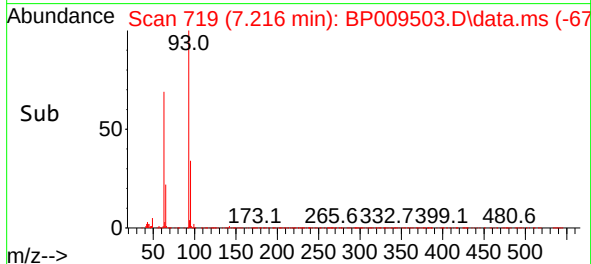
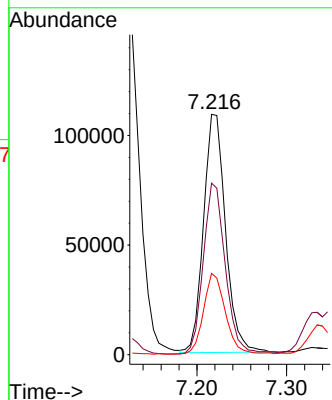
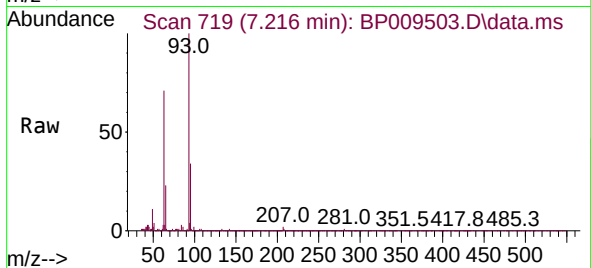




#11
bis(2-Chloroethyl)ether
Concen: 7.376 ng
RT: 7.216 min Scan# 719
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

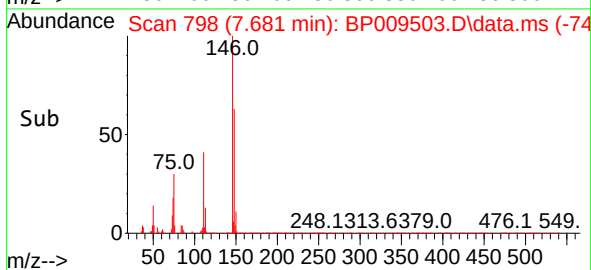
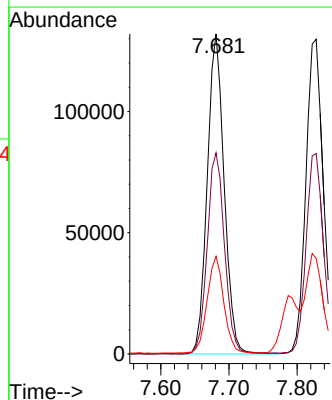
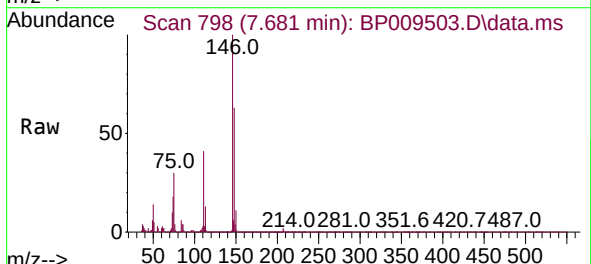
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

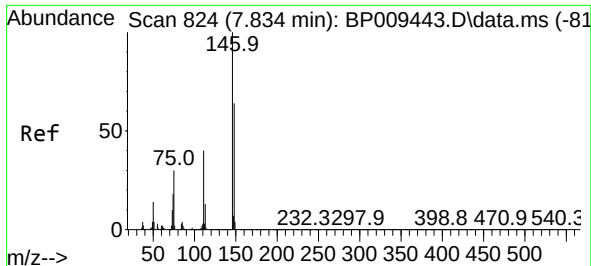
Tgt Ion: 93 Resp: 185301
Ion Ratio Lower Upper
93 100
63 71.4 53.5 93.5
95 33.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 7.558 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:146 Resp: 227600
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.0
75 30.5 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 7.497 ng

RT: 7.828 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

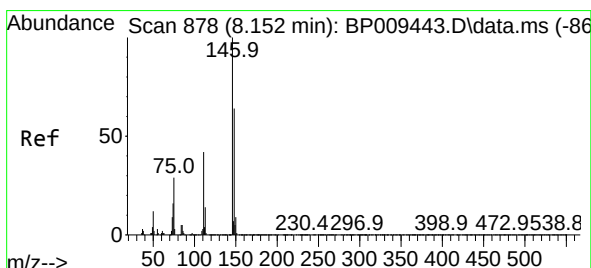
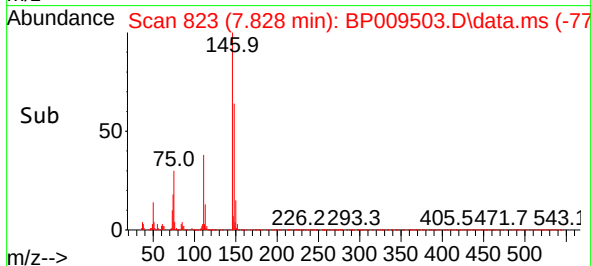
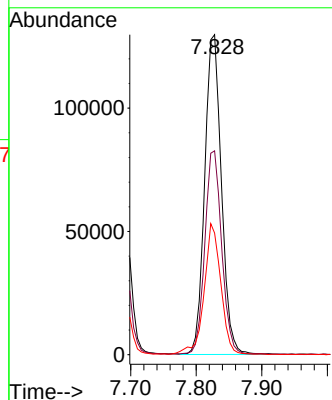
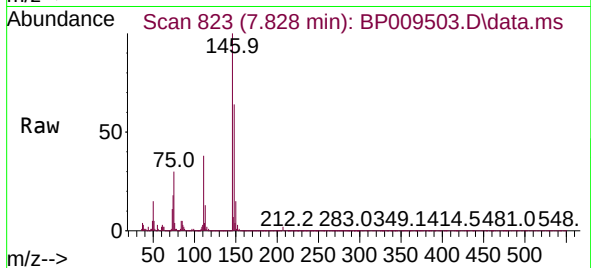
Tgt Ion:146 Resp: 230824

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 38.0 32.1 48.1



#14

1,2-Dichlorobenzene

Concen: 7.383 ng

RT: 8.140 min Scan# 876

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

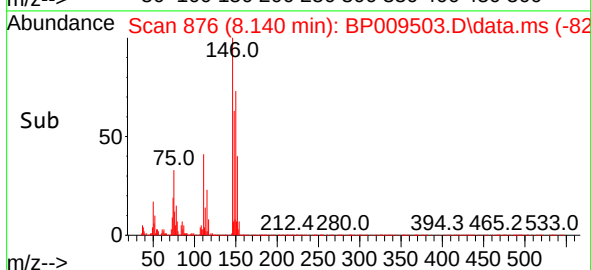
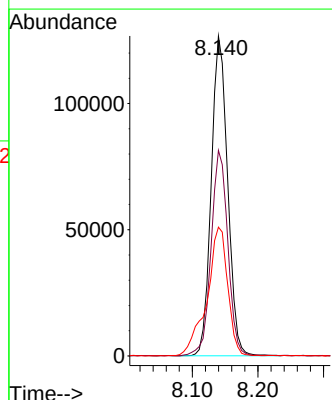
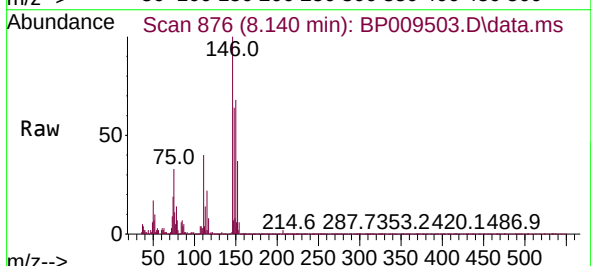
Tgt Ion:146 Resp: 219703

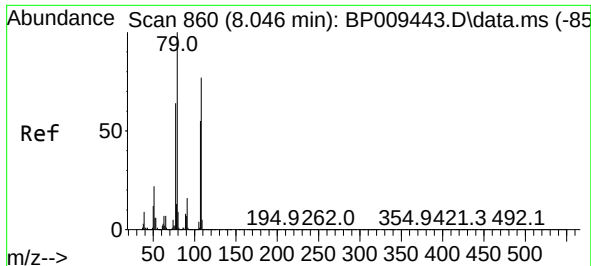
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 40.3 34.1 51.1

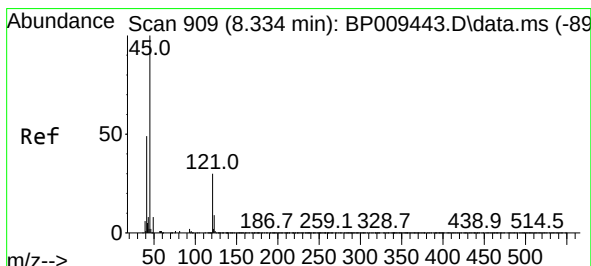
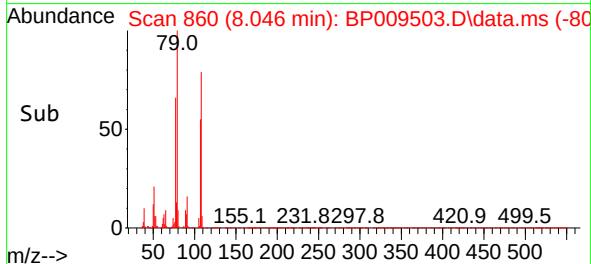
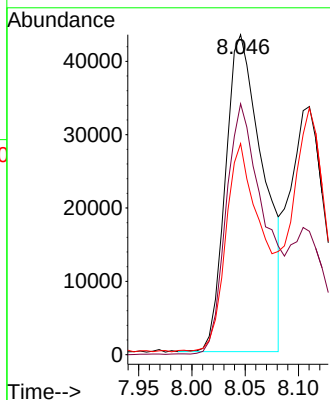
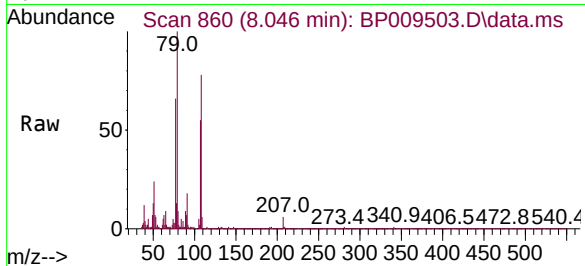




#15
Benzyl Alcohol
Concen: 4.224 ng
RT: 8.046 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

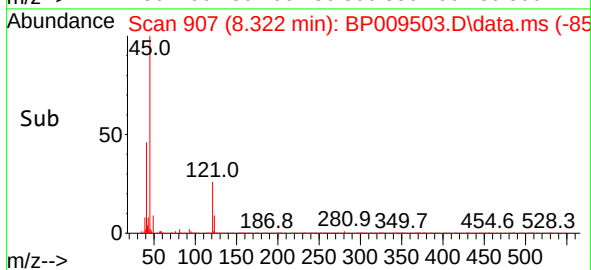
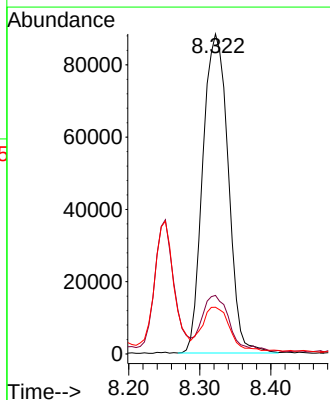
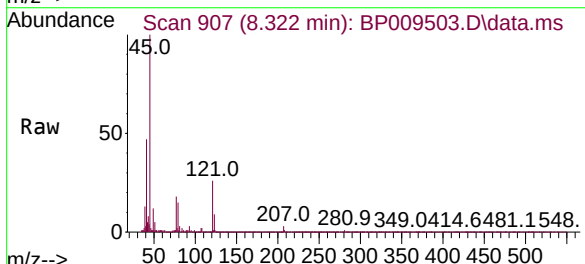
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

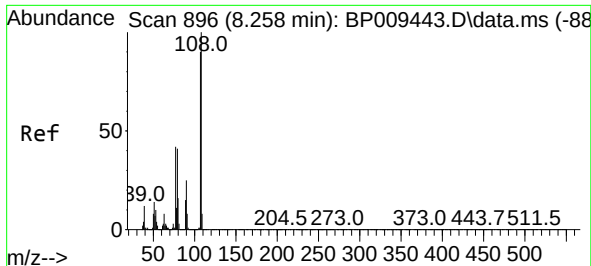
Tgt Ion: 79 Resp: 106555
Ion Ratio Lower Upper
79 100
108 78.4 62.5 93.7
77 65.9 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.052 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 45 Resp: 219287
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.5
79 14.6 0.0 32.4

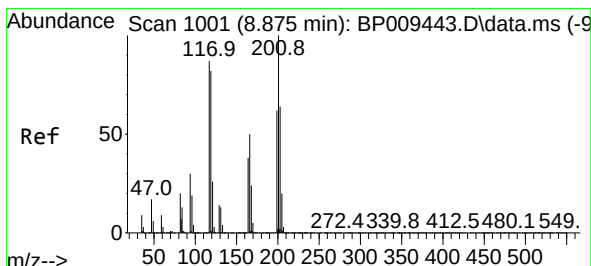
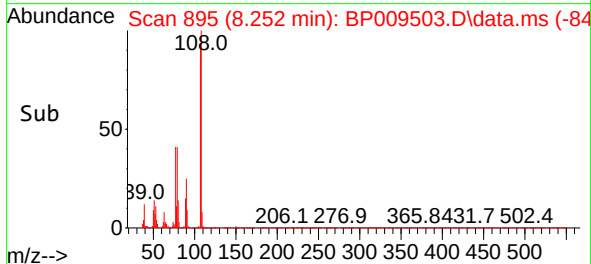
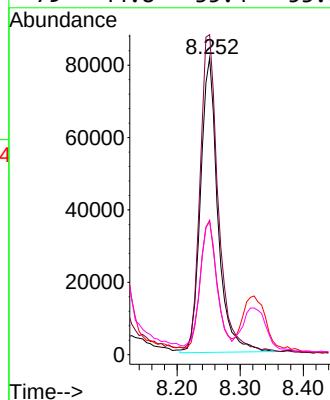
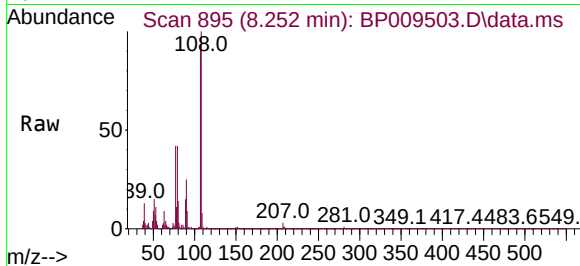




#17
2-Methylphenol
Concen: 7.102 ng
RT: 8.252 min Scan# 896
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

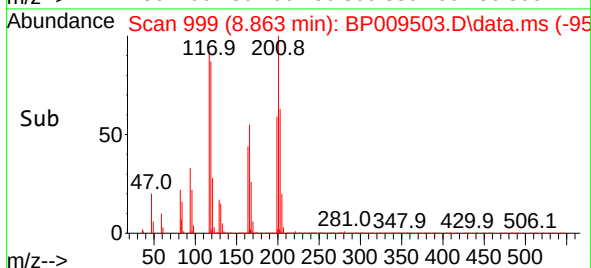
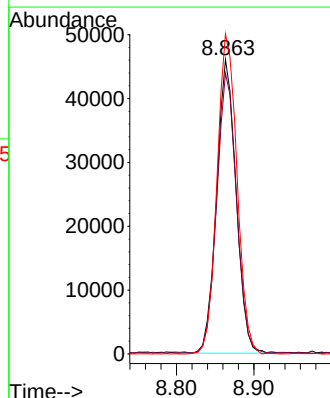
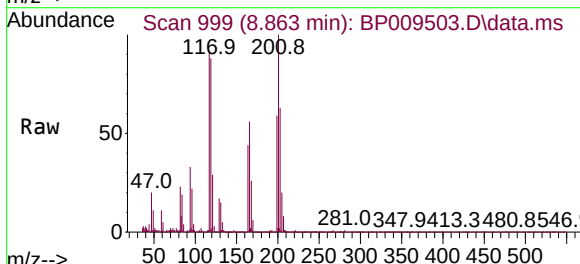
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

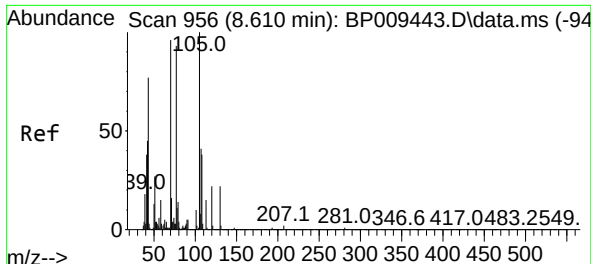
Tgt Ion:107 Resp: 155352
Ion Ratio Lower Upper
107 100
108 107.9 90.2 135.2
77 45.3 36.3 54.5
79 44.8 35.4 53.0



#18
Hexachloroethane
Concen: 7.447 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:117 Resp: 80355
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
201 108.7 83.4 125.2

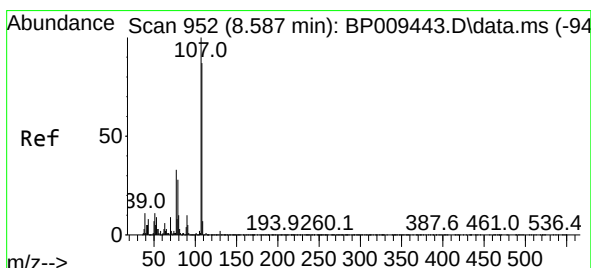
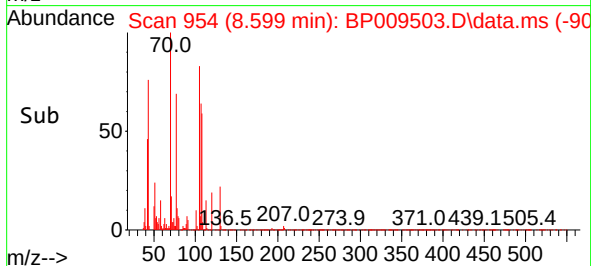
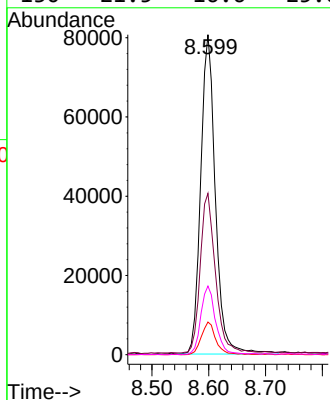
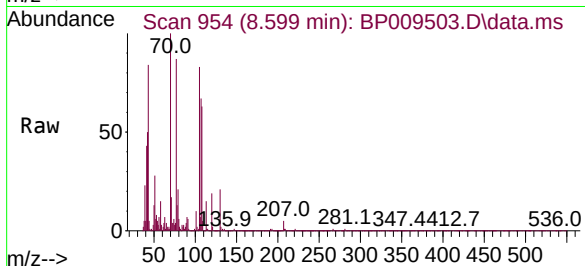




#19
n-Nitroso-di-n-propylamine
Concen: 7.261 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

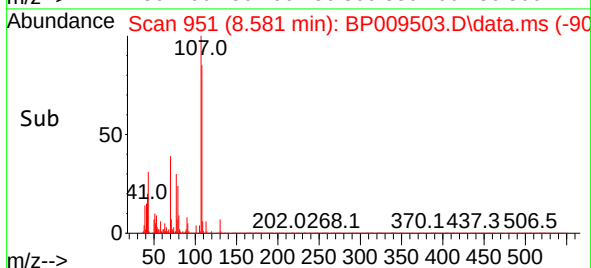
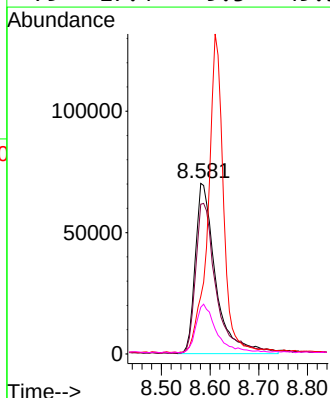
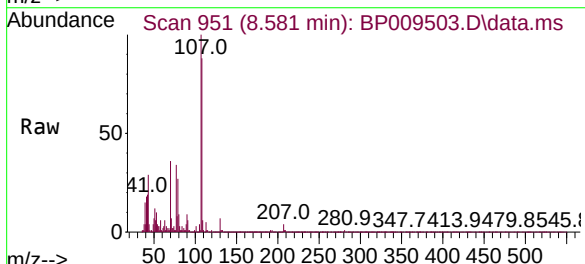
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

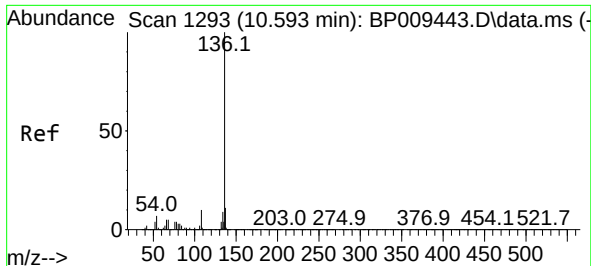
Tgt Ion: 70 Resp: 145312
Ion Ratio Lower Upper
70 100
42 50.4 41.0 61.4
101 10.2 7.9 11.9
130 21.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 6.810 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 107 Resp: 204836
Ion Ratio Lower Upper
107 100
108 87.7 69.4 109.4
77 33.7 13.6 53.6
79 27.4 9.3 49.3

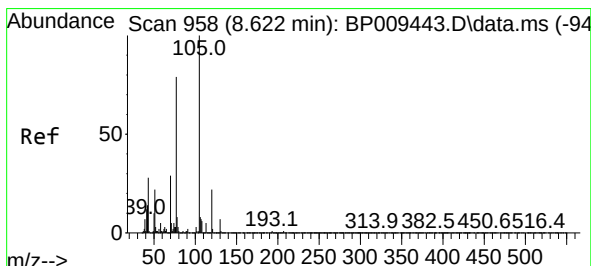
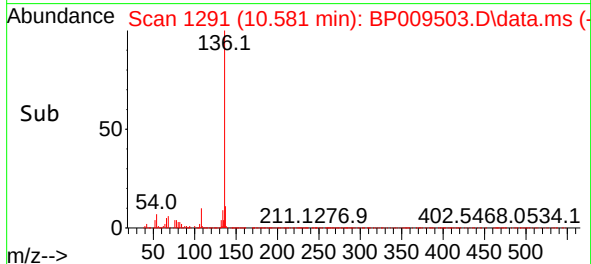
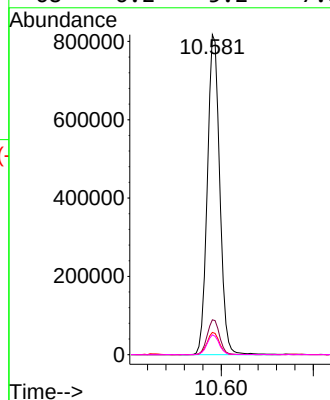
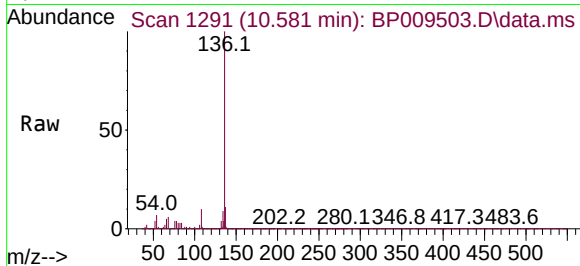




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

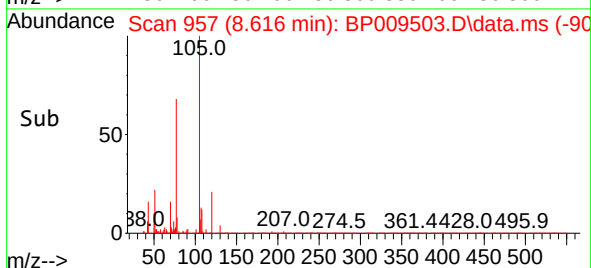
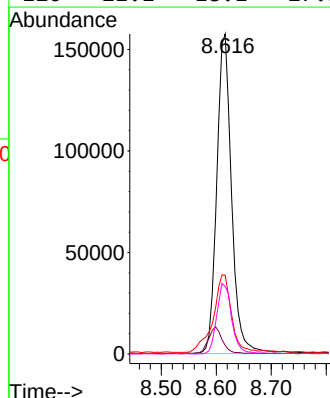
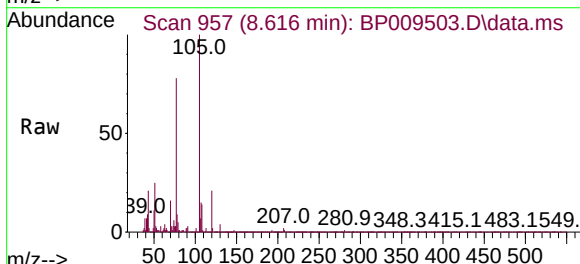
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

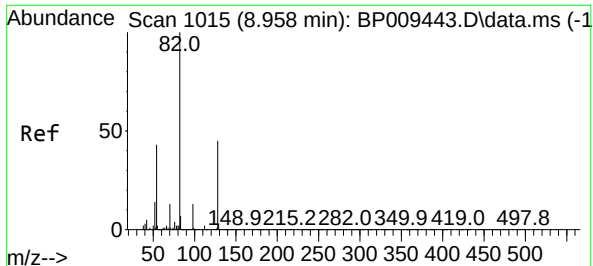
Tgt Ion:136 Resp: 1532621
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.0 5.8 8.8
68 6.2 5.2 7.8



#22
Acetophenone
Concen: 7.765 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:105 Resp: 294543
Ion Ratio Lower Upper
105 100
71 2.7 5.5 8.3#
51 24.6 18.9 28.3
120 21.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 85.663 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

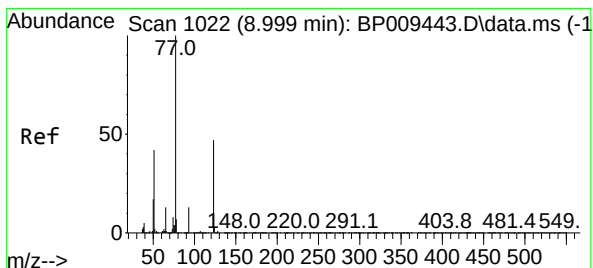
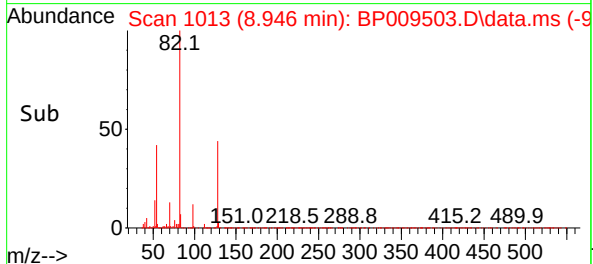
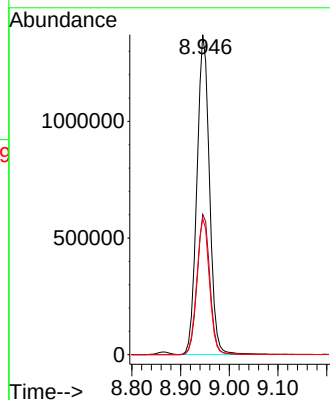
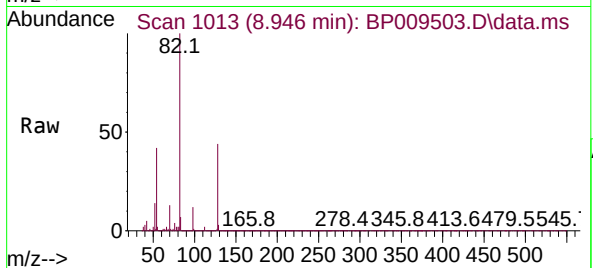
Tgt Ion: 82 Resp: 2470587

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.4

54 42.5 34.7 52.1



#24

Nitrobenzene

Concen: 8.275 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

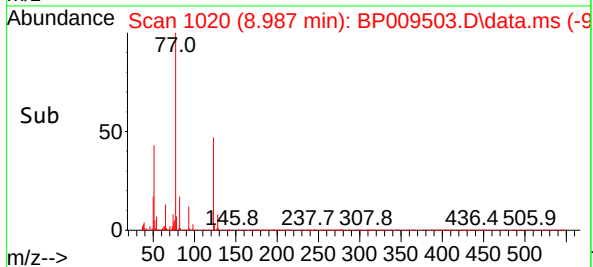
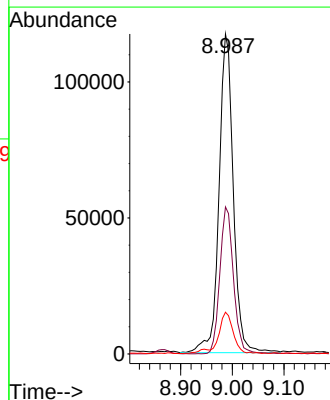
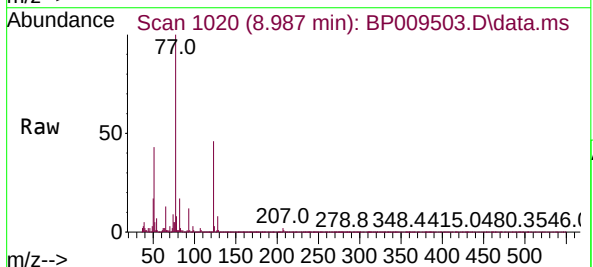
Tgt Ion: 77 Resp: 225451

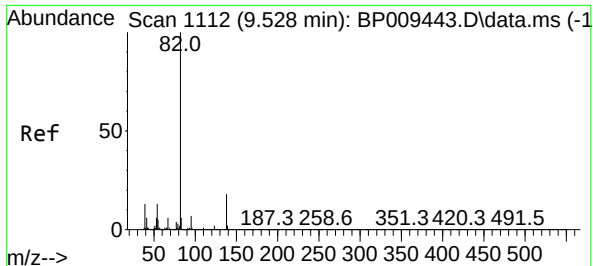
Ion Ratio Lower Upper

77 100

123 46.0 35.5 53.3

65 13.0 10.3 15.5

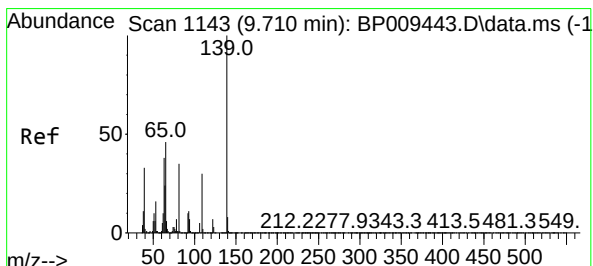
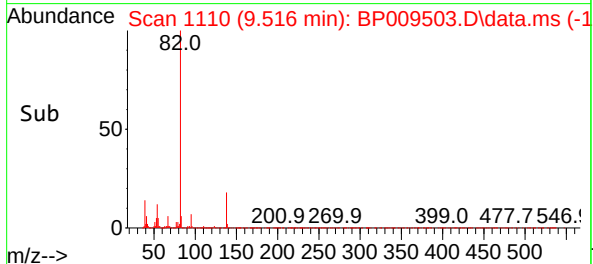
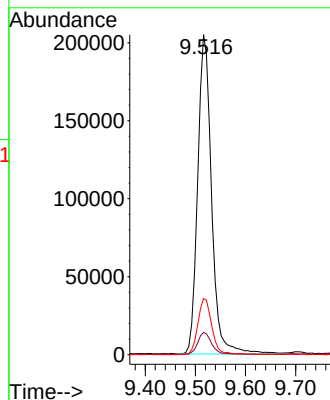
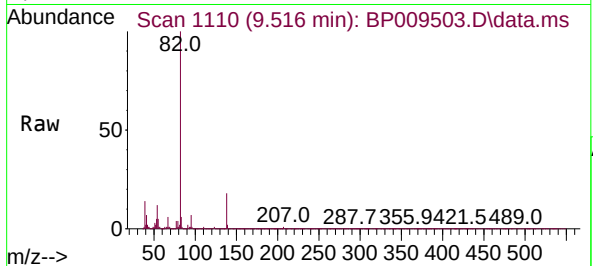




#25
Isophorone
Concen: 8.005 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

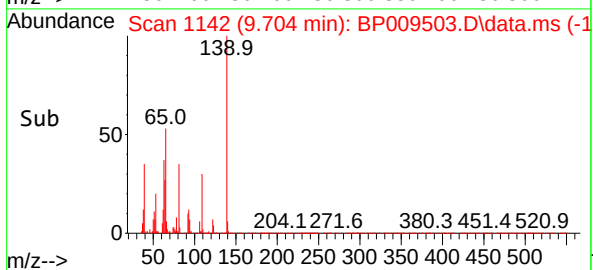
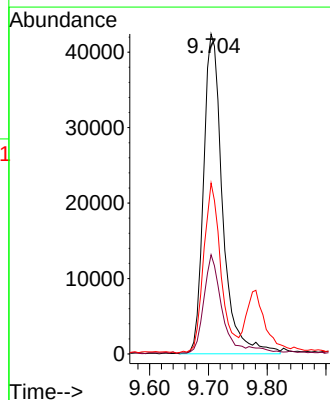
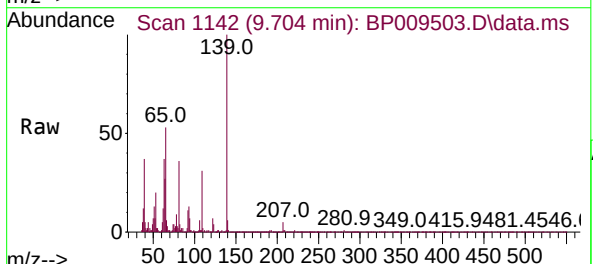
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

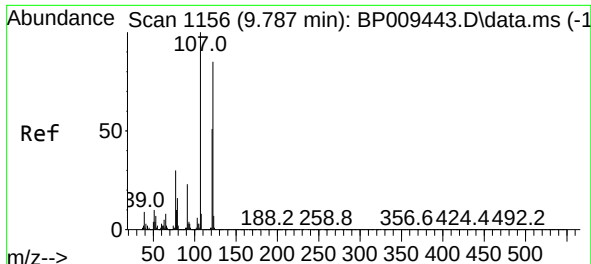
Tgt Ion: 82 Resp: 393786
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 13.8 20.8



#26
2-Nitrophenol
Concen: 6.734 ng
RT: 9.704 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 139 Resp: 95636
Ion Ratio Lower Upper
139 100
109 31.0 23.4 35.0
65 53.4 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 8.282 ng

RT: 9.775 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

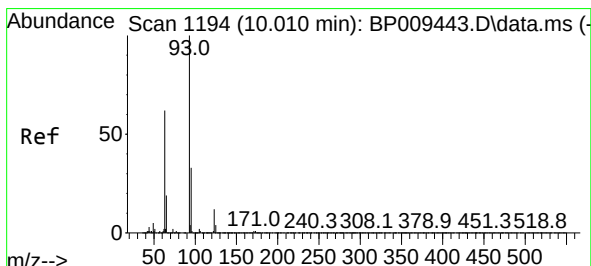
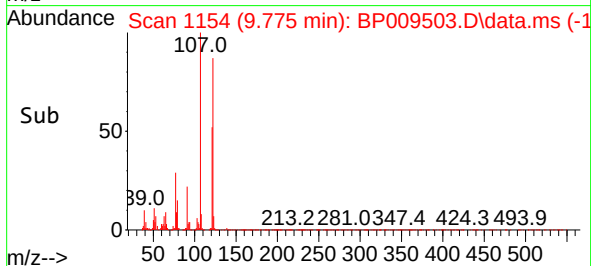
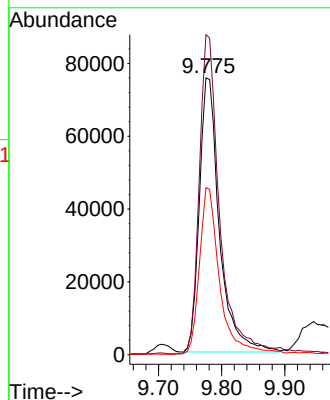
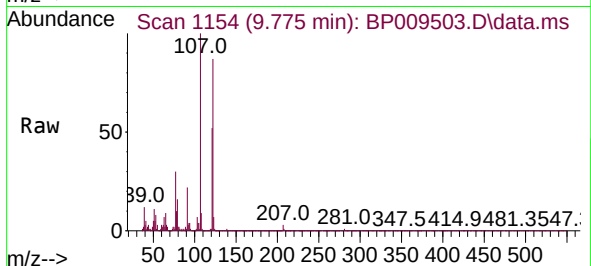
Tgt Ion:122 Resp: 165959

Ion Ratio Lower Upper

122 100

107 115.6 92.6 138.8

121 60.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 7.488 ng

RT: 10.004 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

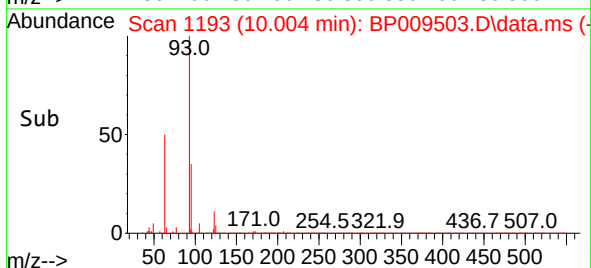
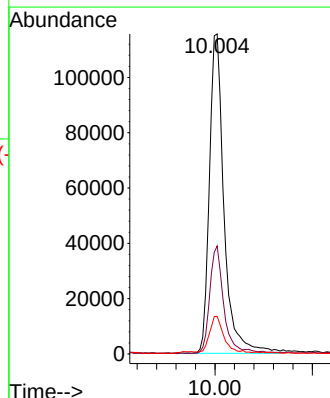
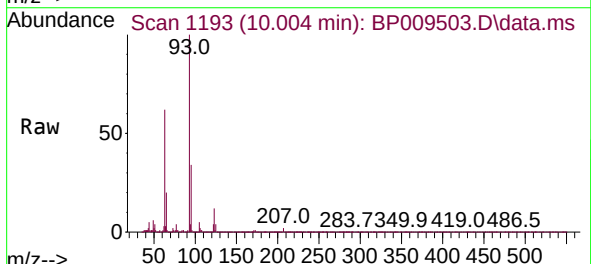
Tgt Ion: 93 Resp: 239840

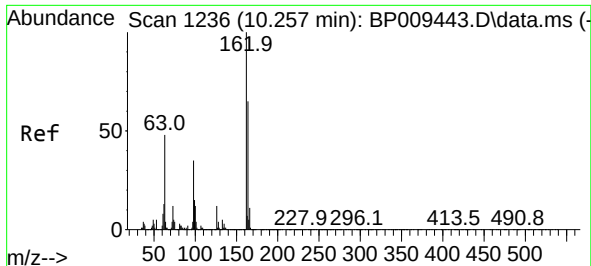
Ion Ratio Lower Upper

93 100

95 33.8 25.5 38.3

123 11.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 6.787 ng

RT: 10.263 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

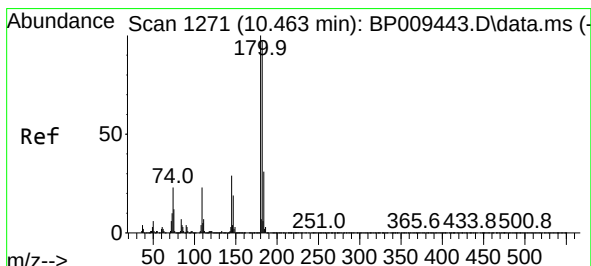
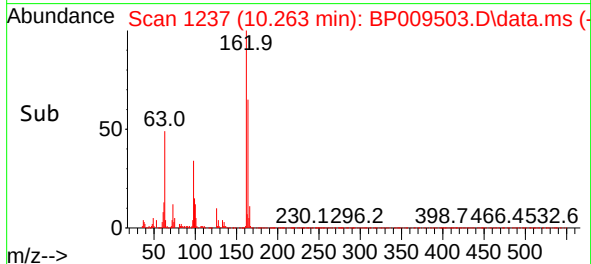
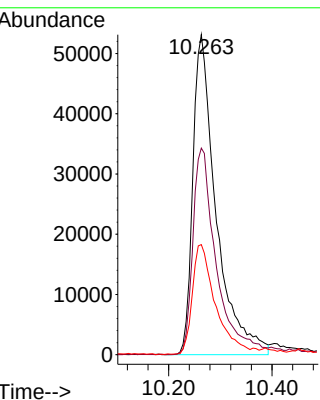
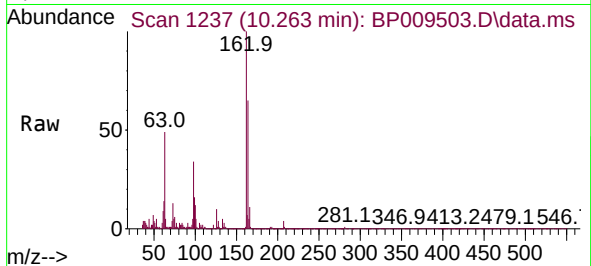
Tgt Ion:162 Resp: 165906

Ion Ratio Lower Upper

162 100

164 64.6 44.3 84.3

98 34.4 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 7.370 ng

RT: 10.451 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

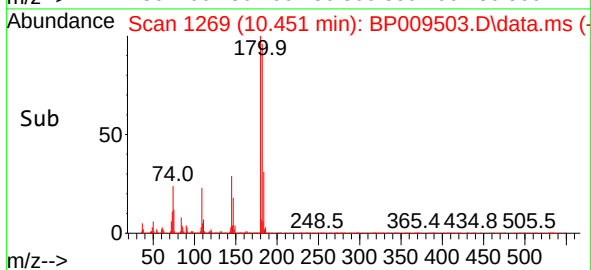
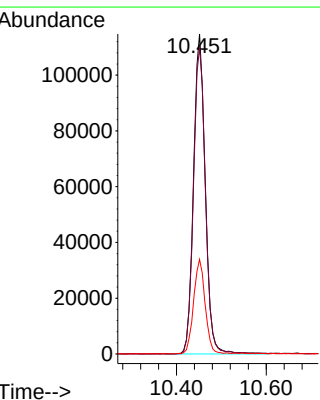
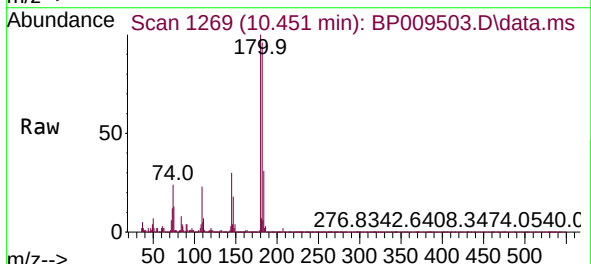
Tgt Ion:180 Resp: 208713

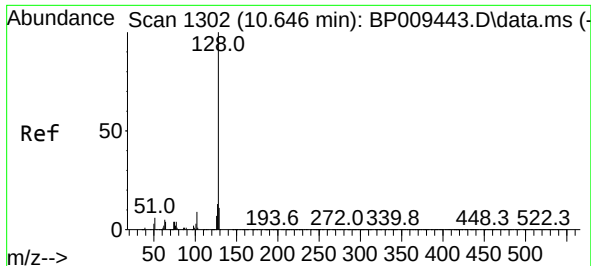
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 29.6 23.8 35.6

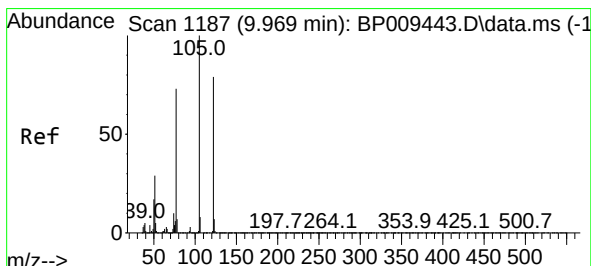
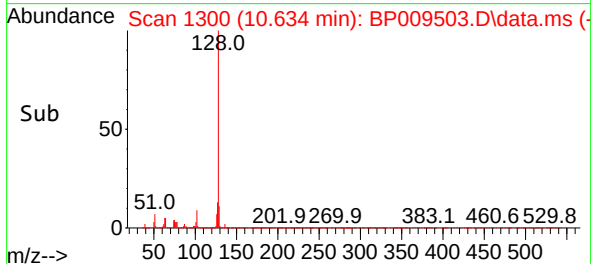
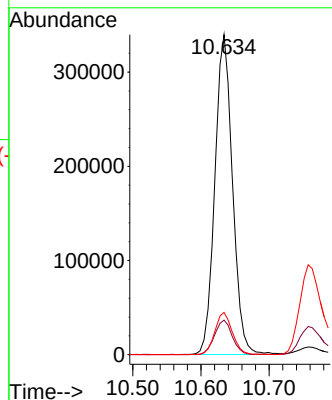
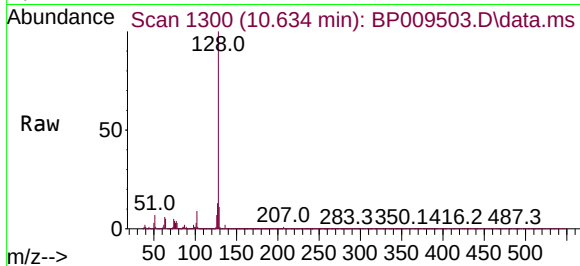




#31
Naphthalene
Concen: 7.757 ng
RT: 10.634 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

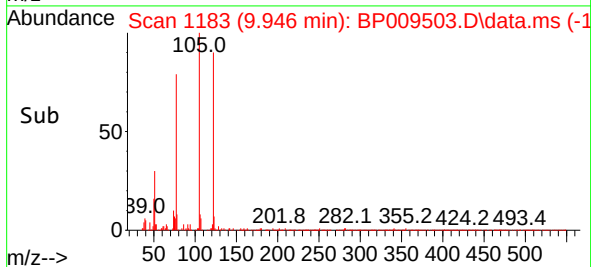
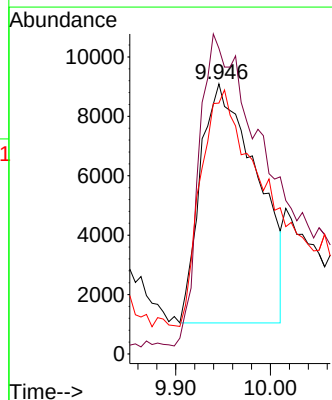
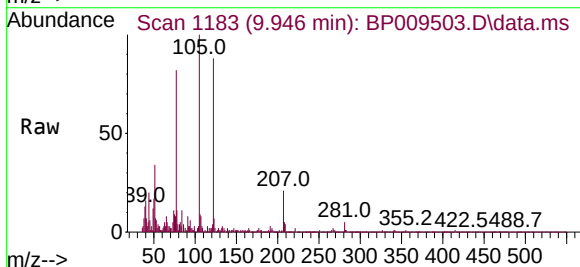
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

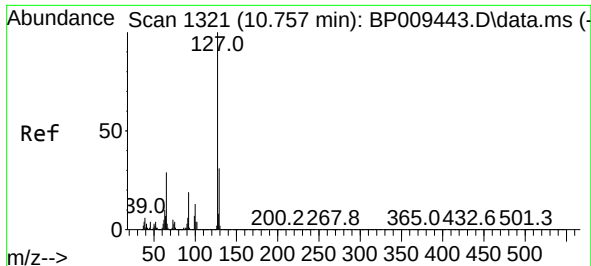
Tgt Ion:128 Resp: 612374
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 2.127 ng
RT: 9.946 min Scan# 1183
Delta R.T. -0.023 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:122 Resp: 33330
Ion Ratio Lower Upper
122 100
105 113.2 110.5 150.5
77 92.9 79.9 119.9

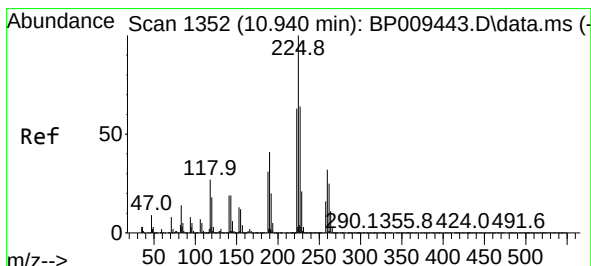
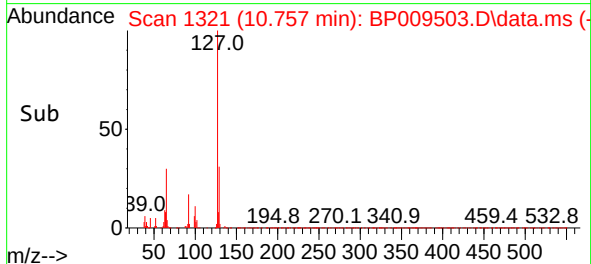
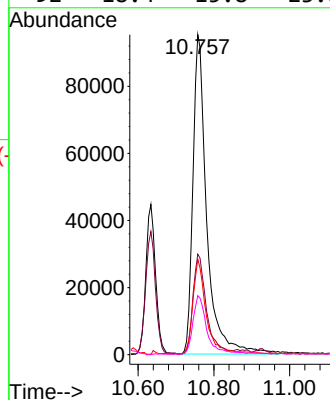
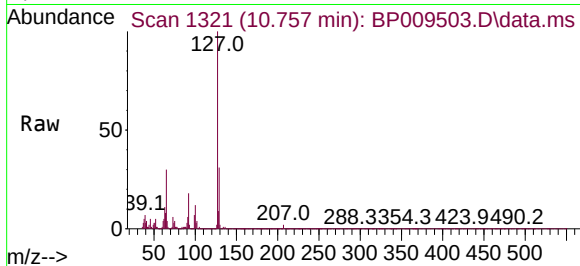




#33
4-Chloroaniline
Concen: 7.548 ng
RT: 10.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

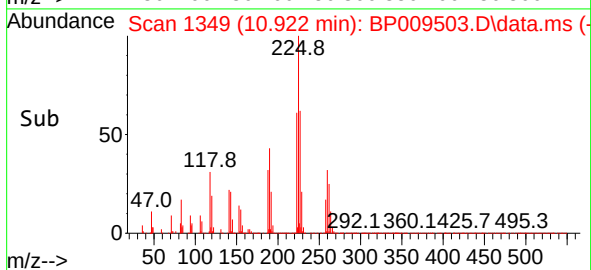
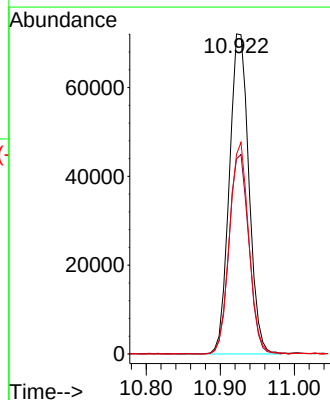
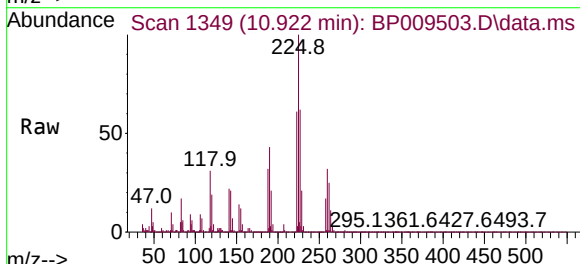
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

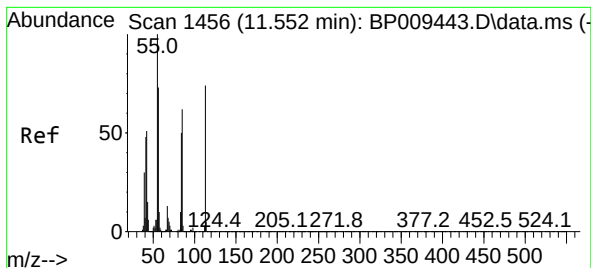
Tgt Ion:	127	Resp:	243170
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.5	38.3
65	29.8	24.3	36.5
92	18.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 6.877 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.018 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:	225	Resp:	131961
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.5	75.7
227	62.4	51.2	76.8





#35

Caprolactam

Concen: 5.976 ng

RT: 11.534 min Scan# 1456

Delta R.T. -0.018 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

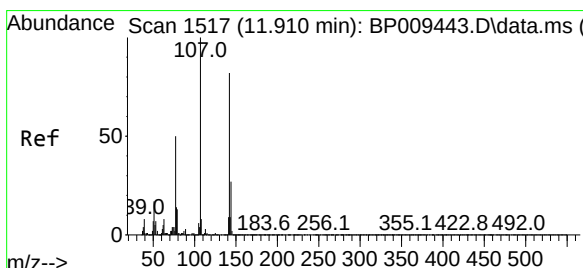
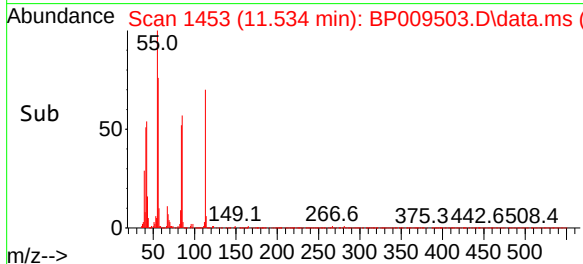
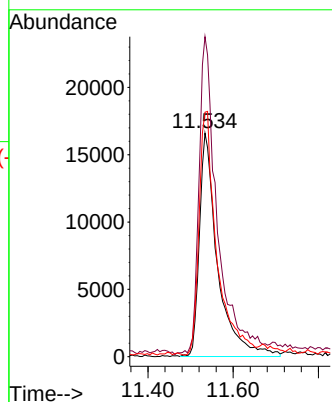
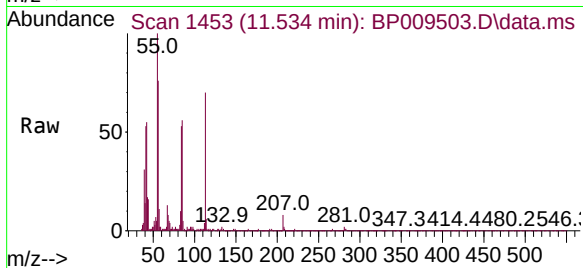
Tgt Ion:113 Resp: 49297

Ion Ratio Lower Upper

113 100

55 143.1 128.4 168.4

56 109.3 90.9 130.9



#36

4-Chloro-3-methylphenol

Concen: 6.600 ng

RT: 11.904 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

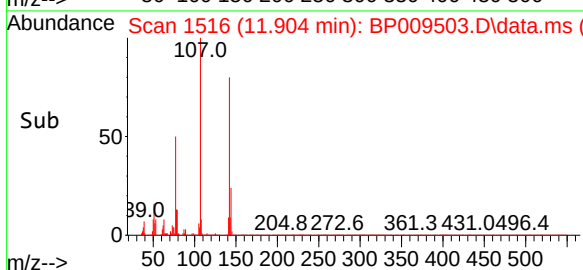
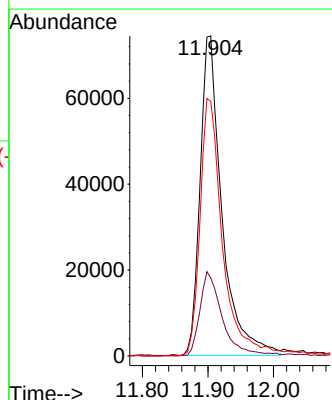
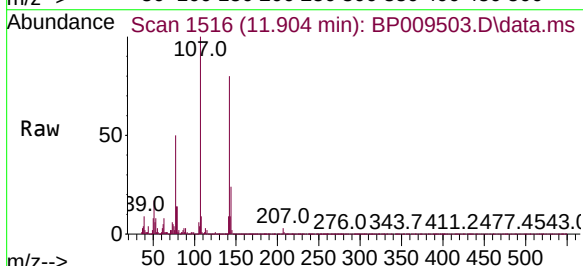
Tgt Ion:107 Resp: 173354

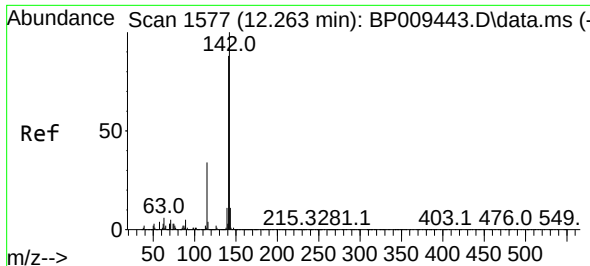
Ion Ratio Lower Upper

107 100

144 24.4 21.0 31.4

142 79.6 64.9 97.3

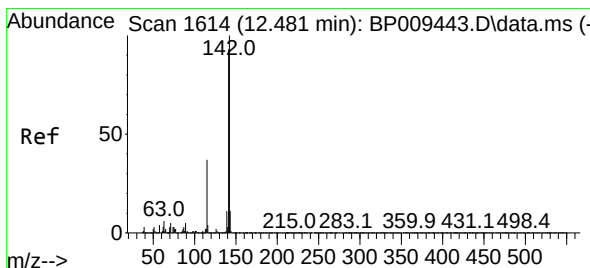
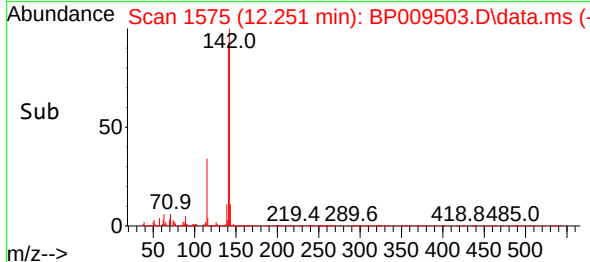
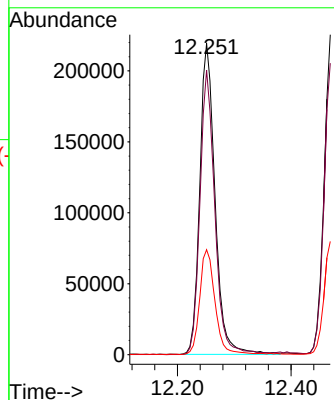
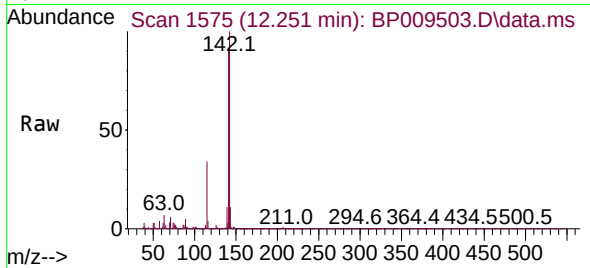




#37
2-Methylnaphthalene
Concen: 7.416 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

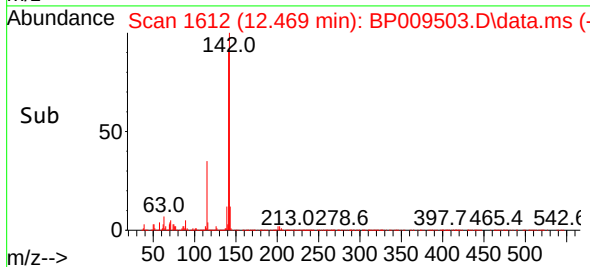
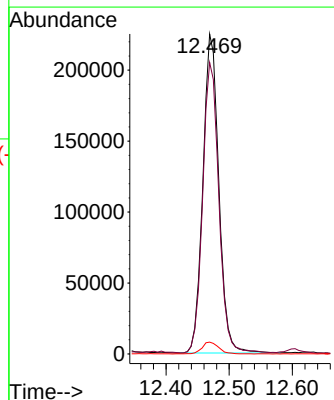
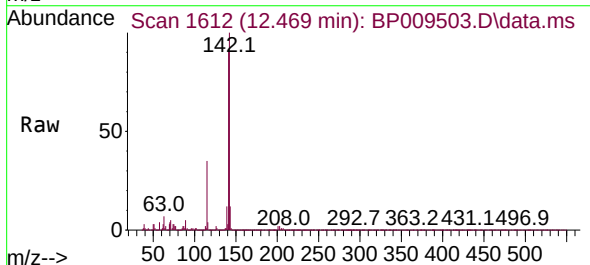
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

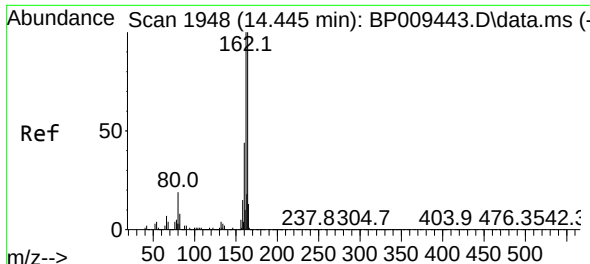
Tgt Ion:142 Resp: 410802
Ion Ratio Lower Upper
142 100
141 91.4 70.2 105.4
115 33.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 7.315 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:142 Resp: 394718
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3
116 3.7 3.3 4.9

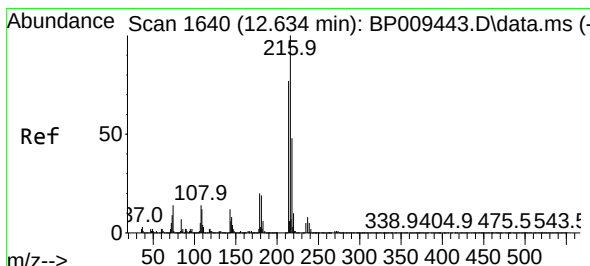
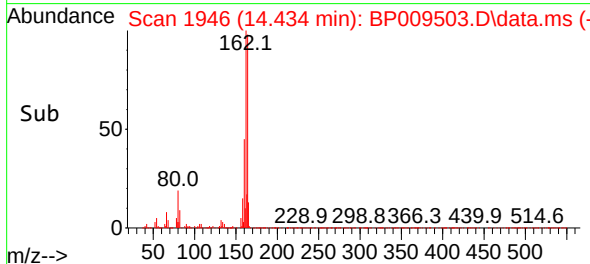
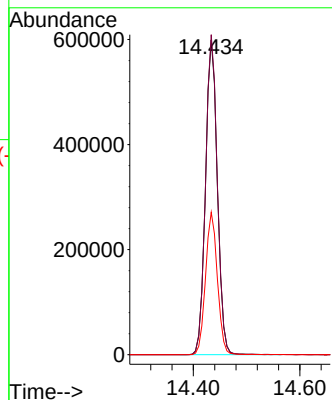
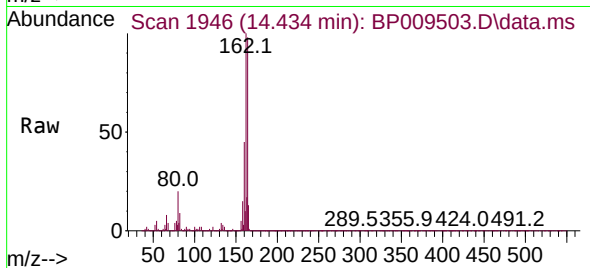




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1948
Delta R.T. -0.011 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

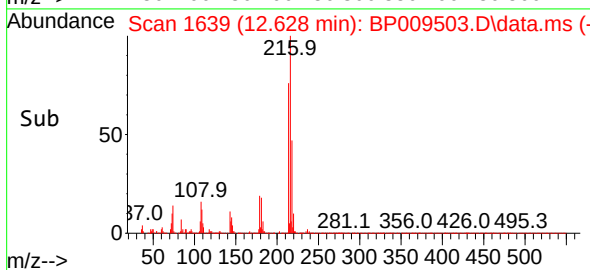
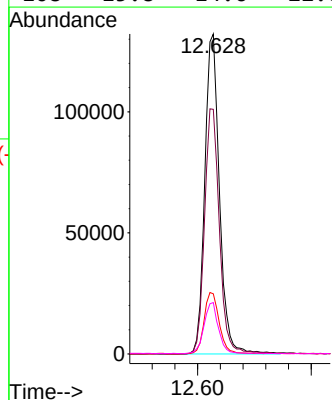
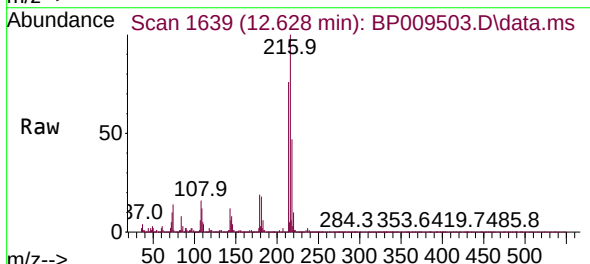
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

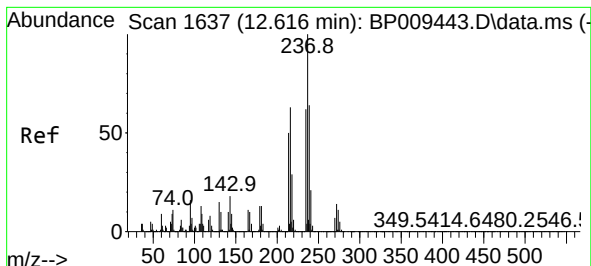
Tgt Ion:164 Resp: 922982
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 45.3 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.711 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:216 Resp: 236130
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 19.9 16.8 25.2
108 15.8 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 3.710 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

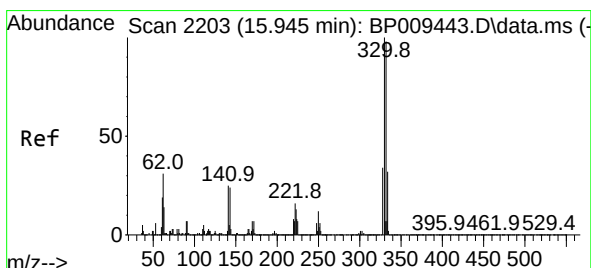
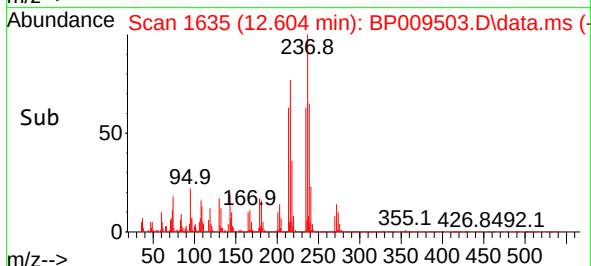
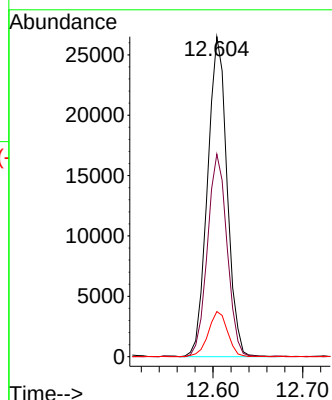
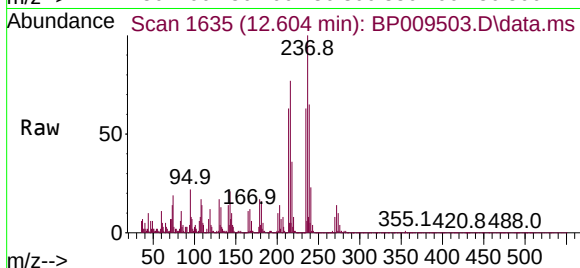
Tgt Ion:237 Resp: 40032

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

272 14.1 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 95.748 ng

RT: 15.933 min Scan# 2201

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

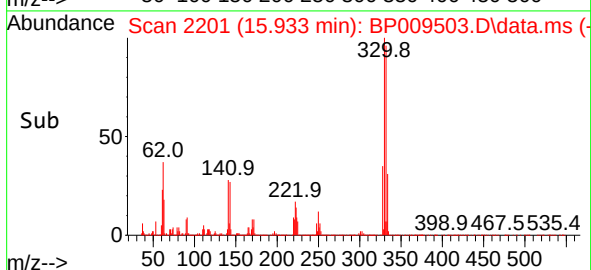
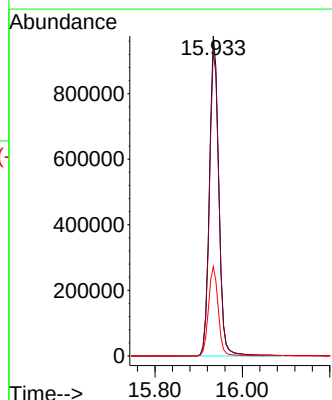
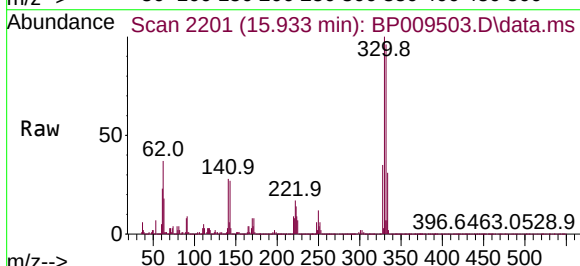
Tgt Ion:330 Resp: 1458316

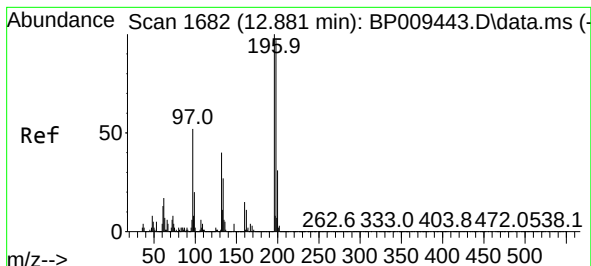
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 29.0 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 6.673 ng

RT: 12.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

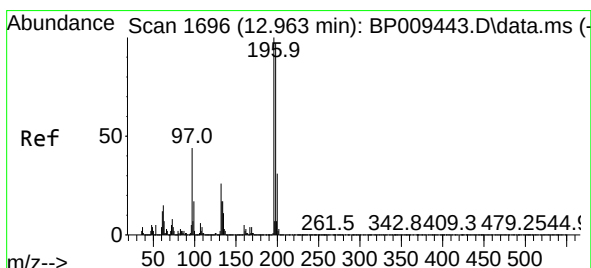
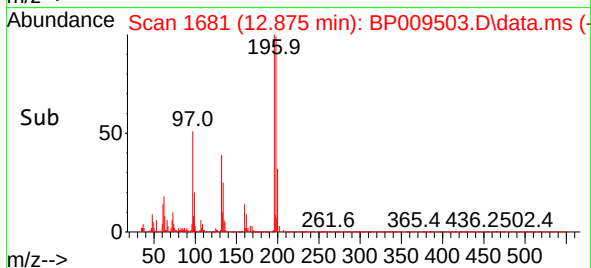
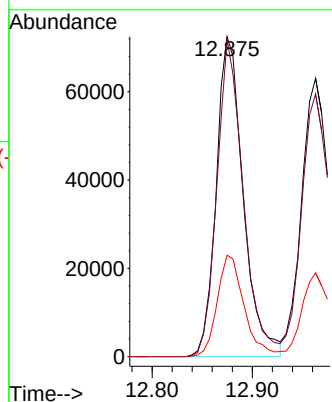
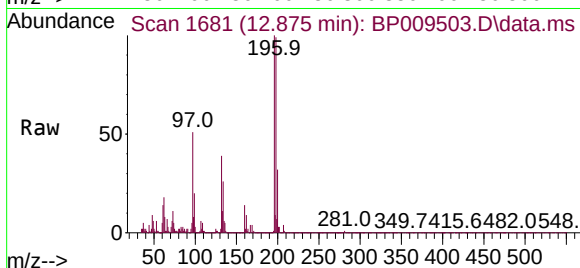
Tgt Ion:196 Resp: 135447

Ion Ratio Lower Upper

196 100

198 99.2 76.2 114.4

200 31.7 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 6.752 ng

RT: 12.963 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Tgt Ion:196 Resp: 148822

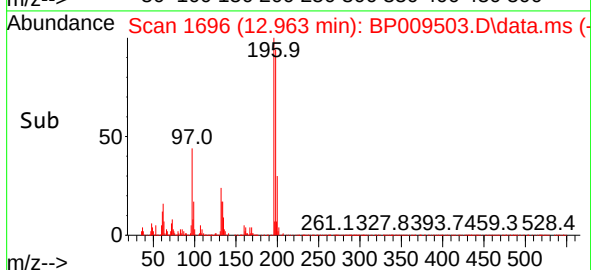
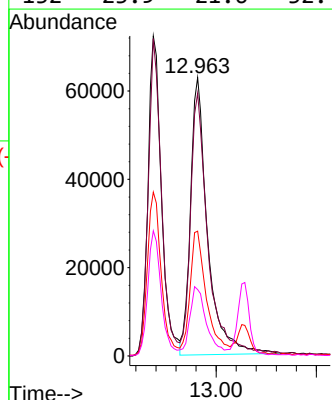
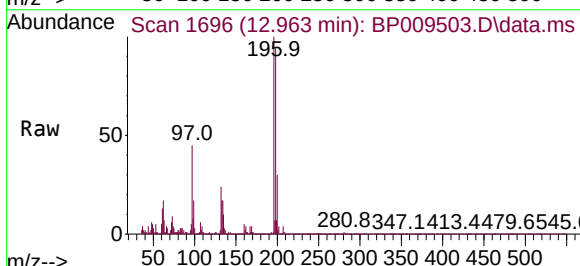
Ion Ratio Lower Upper

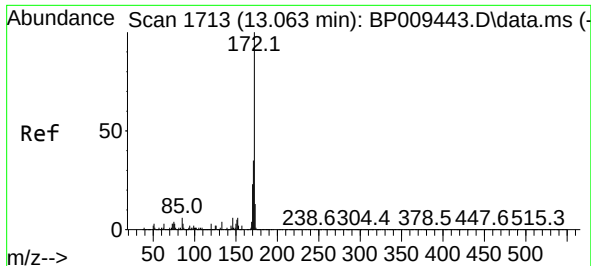
196 100

198 94.4 76.6 114.8

97 44.8 38.3 57.5

132 23.9 21.6 32.4

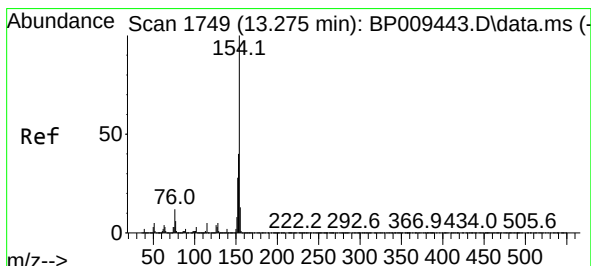
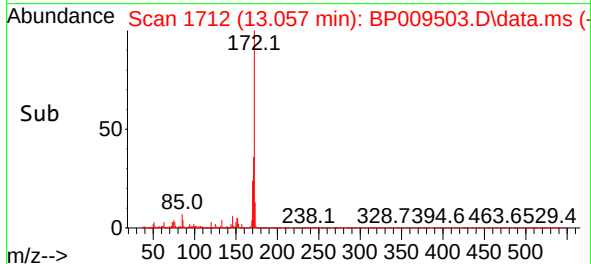
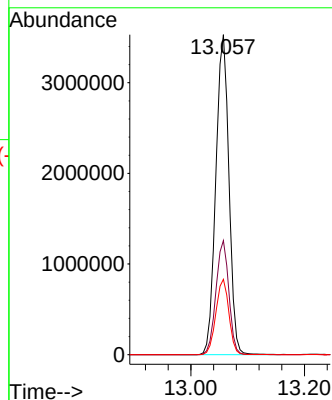
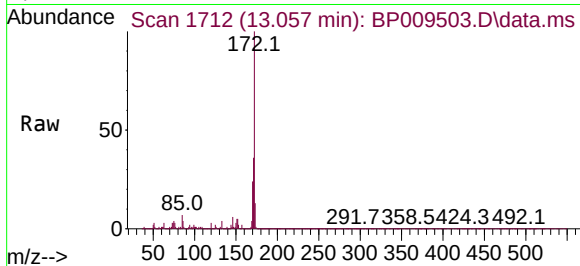




#45
2-Fluorobiphenyl
Concen: 84.607 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

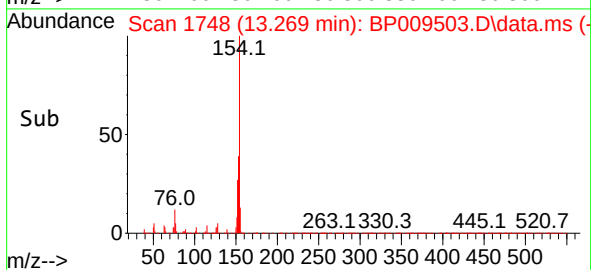
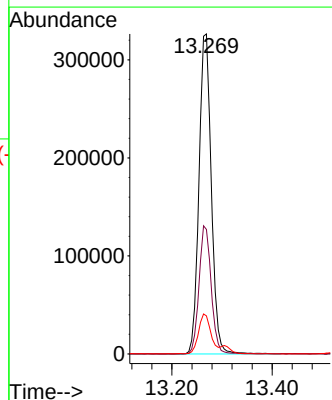
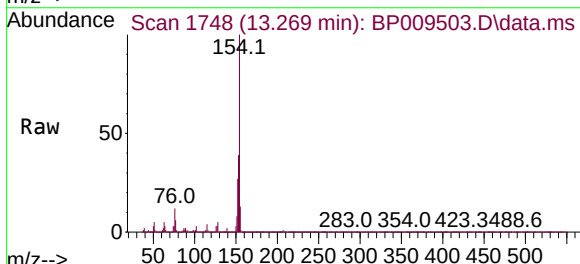
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

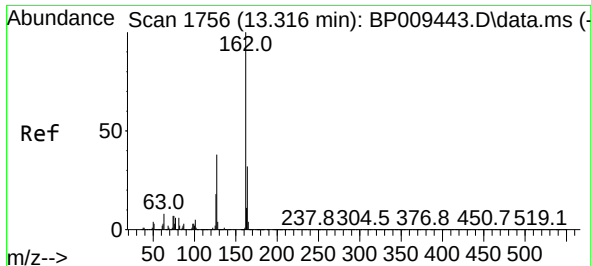
Tgt Ion:172 Resp: 5633061
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 8.075 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:154 Resp: 556034
Ion Ratio Lower Upper
154 100
153 38.9 20.2 60.2
76 11.9 0.0 34.0

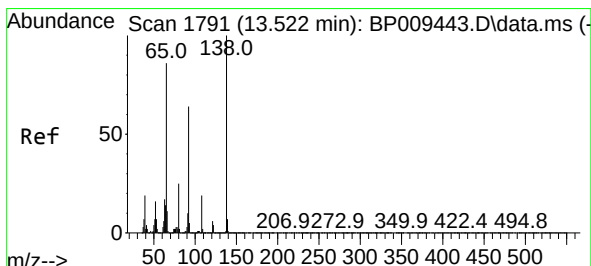
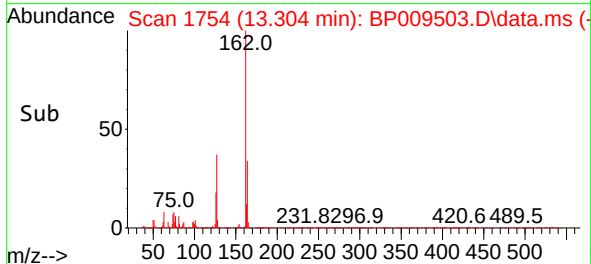
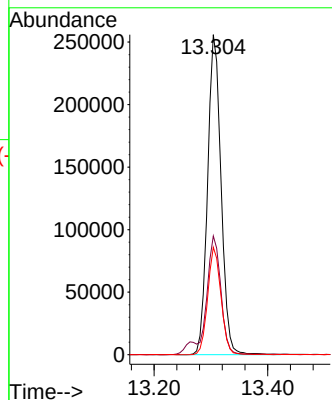
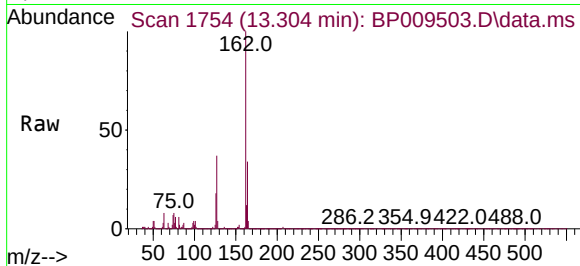




#47
2-Chloronaphthalene
Concen: 7.724 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

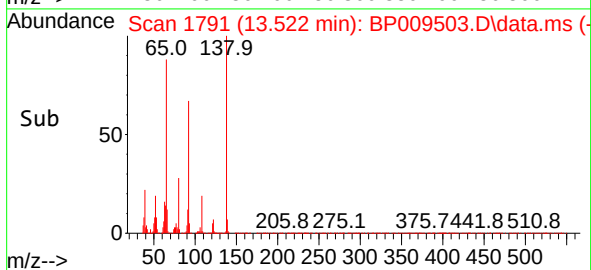
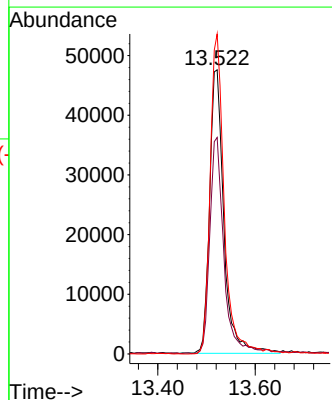
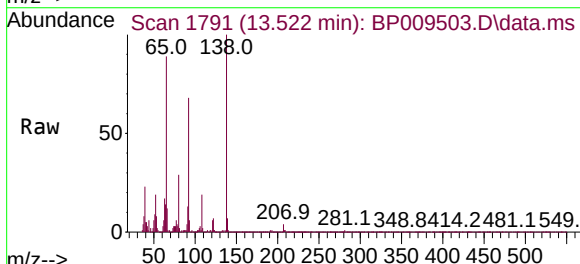
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

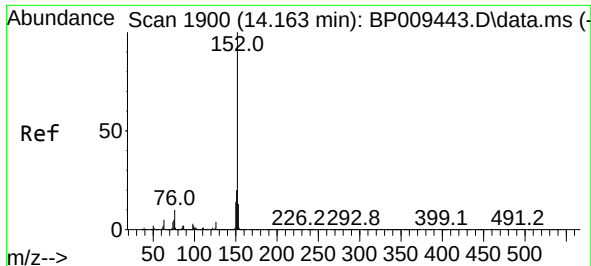
Tgt Ion:162 Resp: 418722
Ion Ratio Lower Upper
162 100
127 37.1 30.8 46.2
164 33.6 26.3 39.5



#48
2-Nitroaniline
Concen: 6.536 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 65 Resp: 96505
Ion Ratio Lower Upper
65 100
92 76.2 56.9 85.3
138 112.6 89.3 133.9

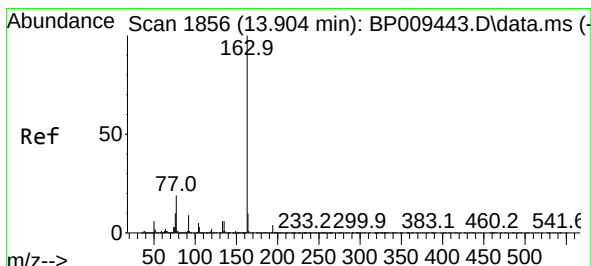
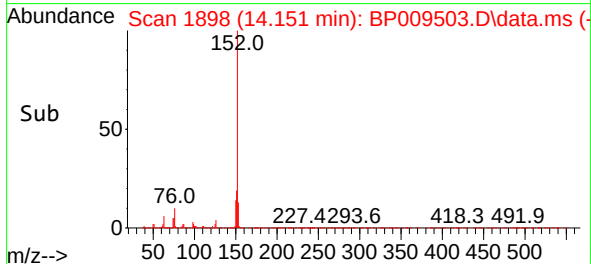
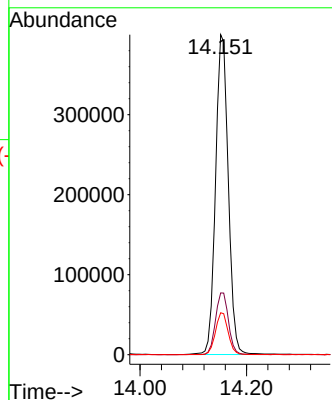
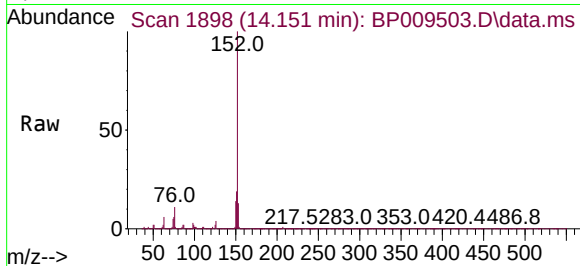




#49
Acenaphthylene
Concen: 7.928 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

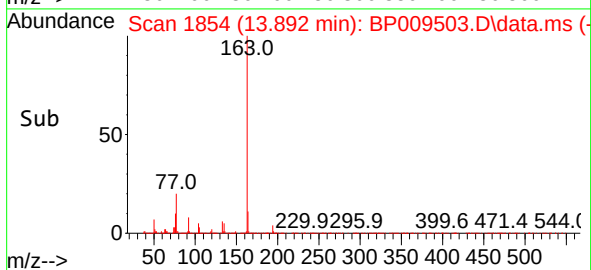
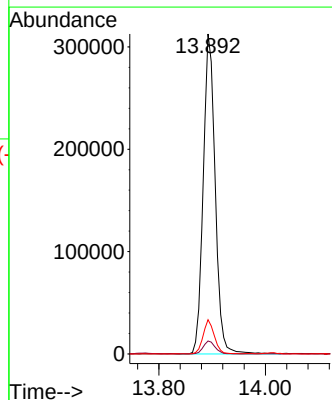
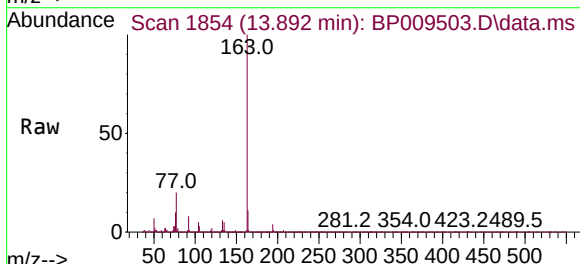
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

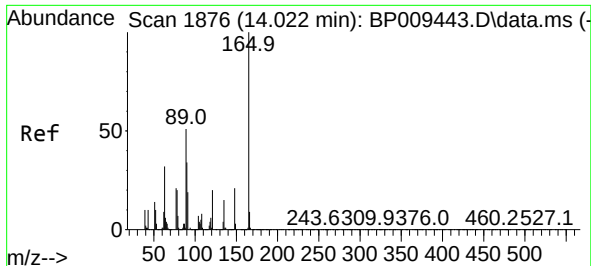
Tgt Ion:152 Resp: 663498
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 6.963 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:163 Resp: 486950
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 6.789 ng

RT: 14.010 min Scan# 1876

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

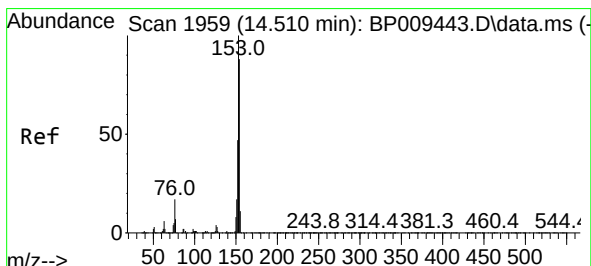
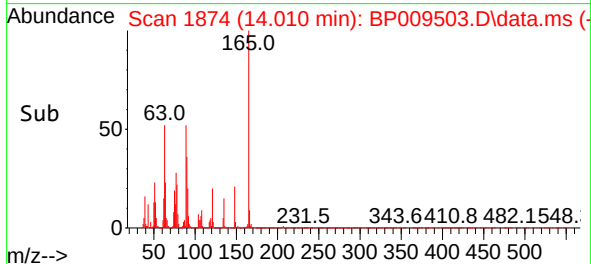
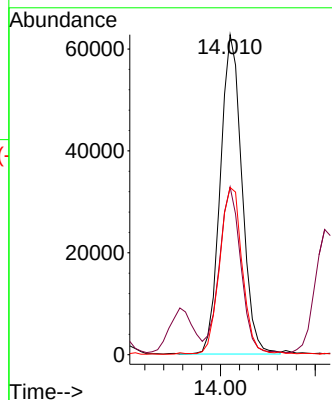
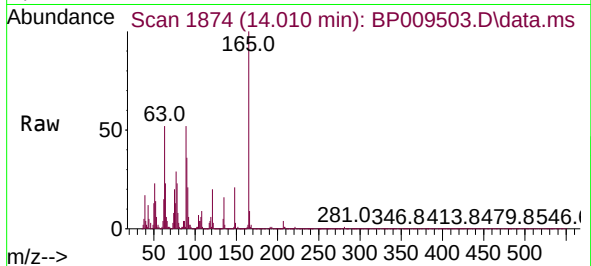
Tgt Ion:165 Resp: 99480

Ion Ratio Lower Upper

165 100

63 52.4 40.9 61.3

89 52.3 43.4 65.2



#52

Acenaphthene

Concen: 7.528 ng

RT: 14.498 min Scan# 1957

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

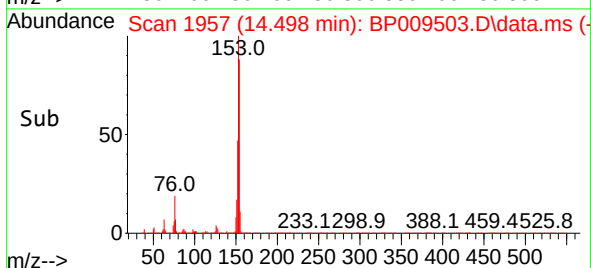
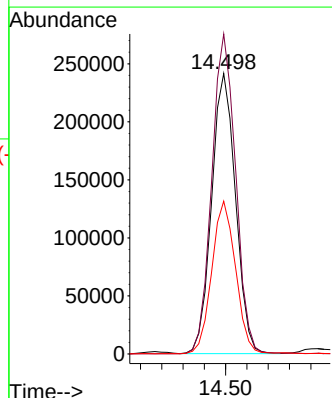
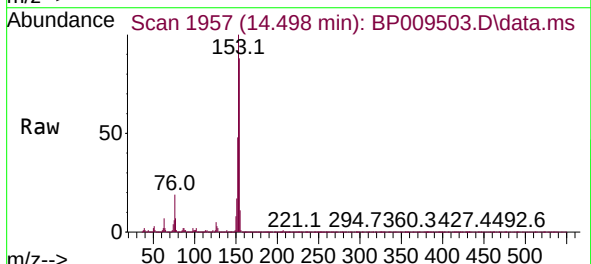
Tgt Ion:154 Resp: 376345

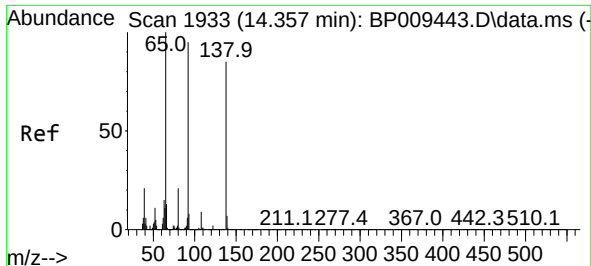
Ion Ratio Lower Upper

154 100

153 114.1 90.2 135.4

152 54.5 42.7 64.1

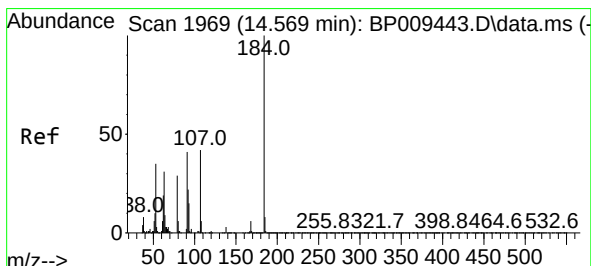
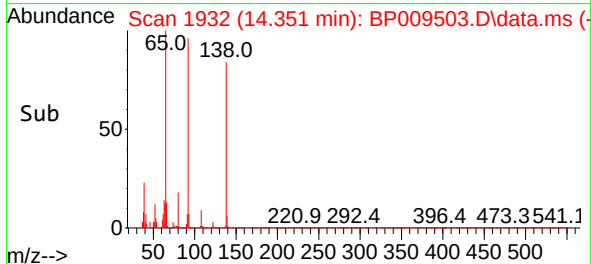
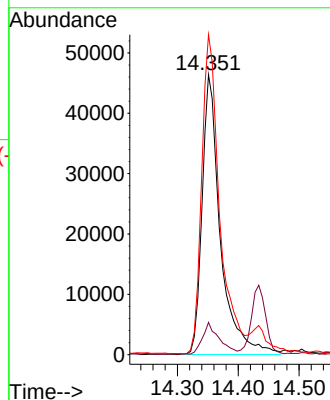
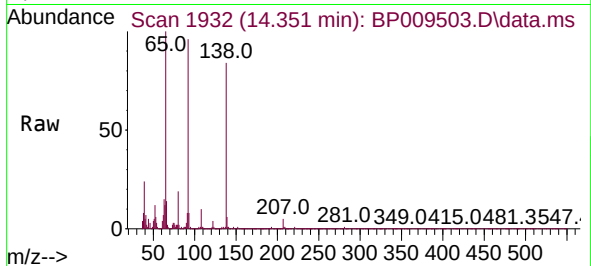




#53
3-Nitroaniline
Concen: 6.233 ng
RT: 14.351 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

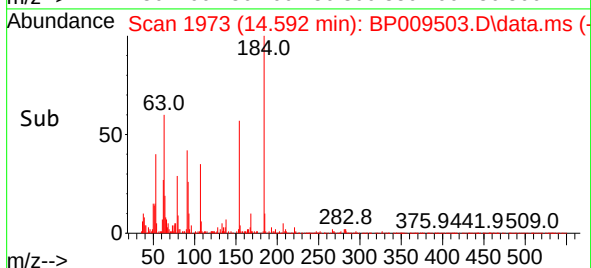
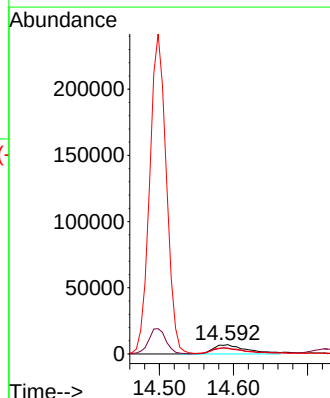
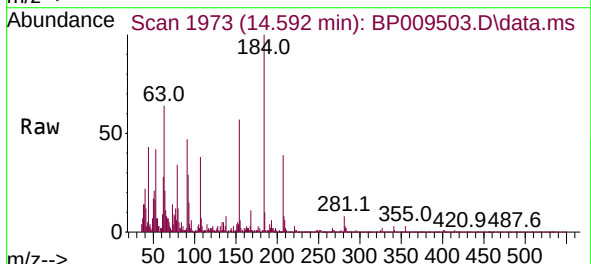
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

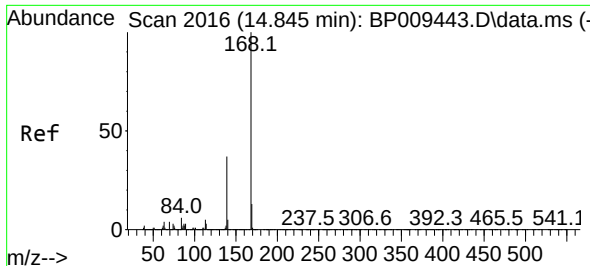
Tgt Ion:138 Resp: 96476
Ion Ratio Lower Upper
138 100
108 11.5 9.7 14.5
92 114.3 94.4 141.6



#54
2,4-Dinitrophenol
Concen: 2.713 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.023 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:184 Resp: 21839
Ion Ratio Lower Upper
184 100
63 63.6 46.3 69.5
154 57.0 45.8 68.6

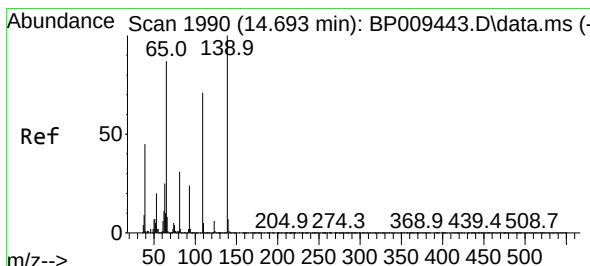
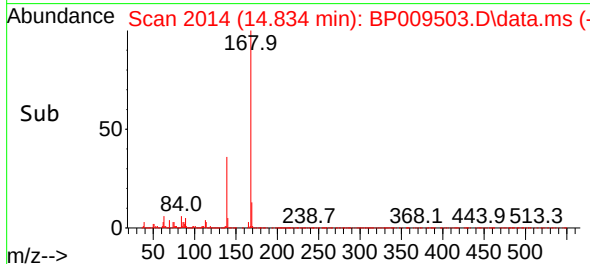
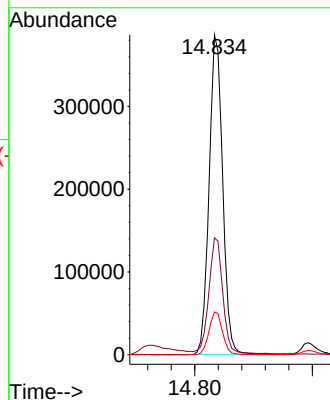
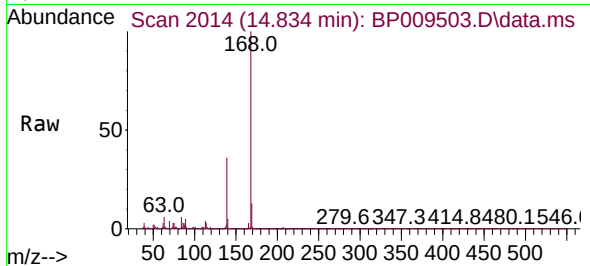




#55
Dibenzofuran
Concen: 7.362 ng
RT: 14.834 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

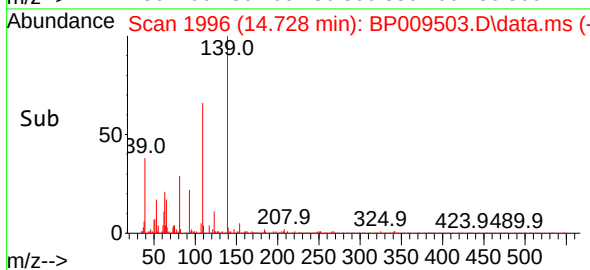
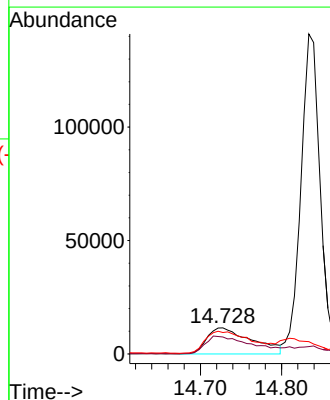
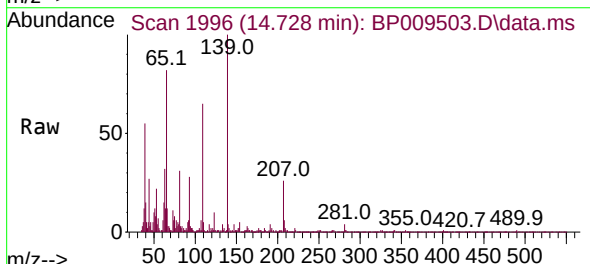
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

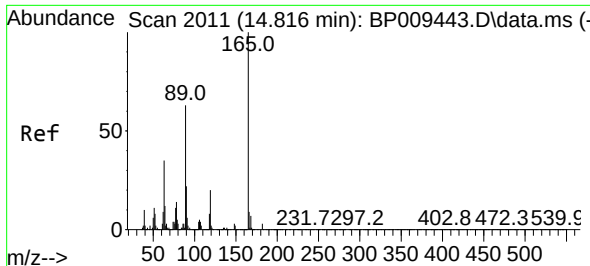
Tgt Ion:168 Resp: 618285
Ion Ratio Lower Upper
168 100
139 36.5 29.1 43.7
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 3.817 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.035 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:139 Resp: 44042
Ion Ratio Lower Upper
139 100
109 65.4 51.2 91.2
65 82.4 73.2 113.2

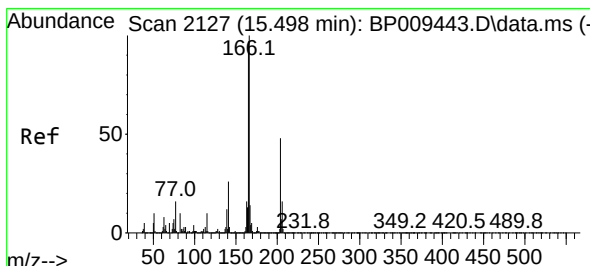
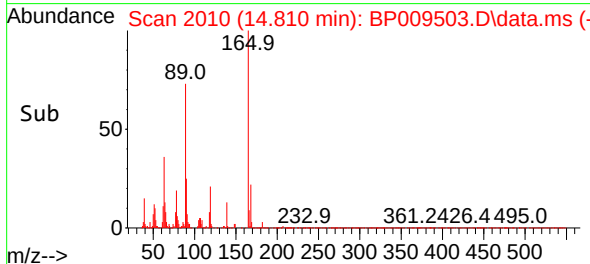
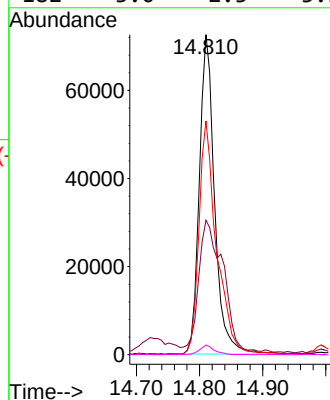
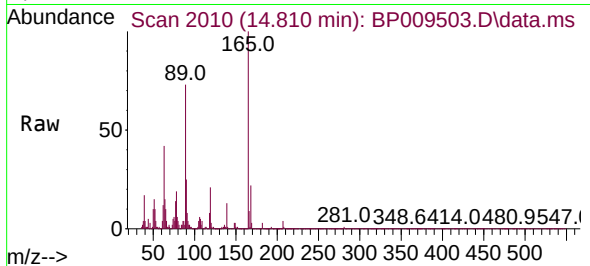




#57
2,4-Dinitrotoluene
Concen: 6.024 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

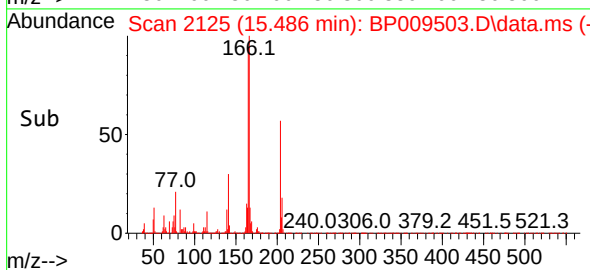
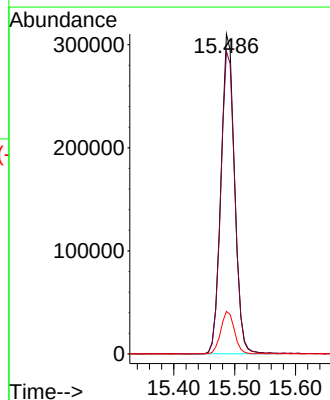
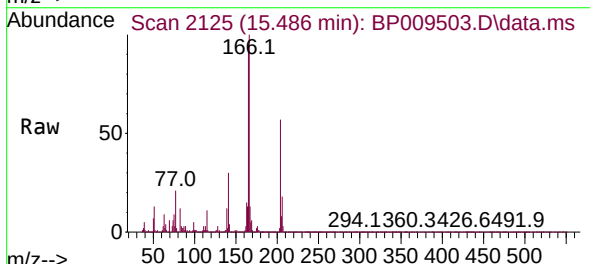
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

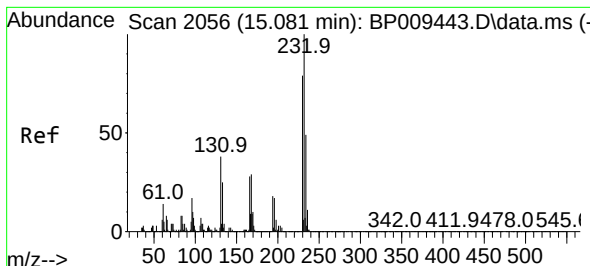
Tgt Ion:165 Resp: 121378
Ion Ratio Lower Upper
165 100
63 42.0 31.4 47.2
89 73.1 55.9 83.9
182 3.0 2.3 3.5



#58
Fluorene
Concen: 7.293 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:166 Resp: 481696
Ion Ratio Lower Upper
166 100
165 94.5 79.2 118.8
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.219 ng

RT: 15.075 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion:232 Resp: 124276

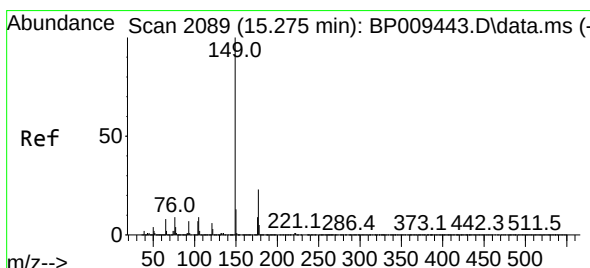
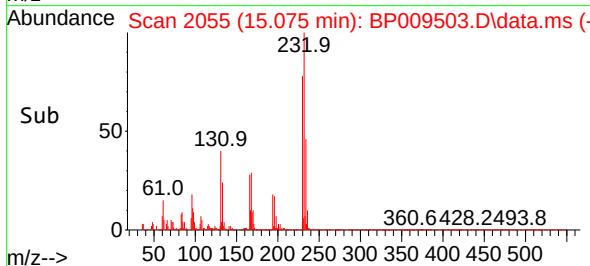
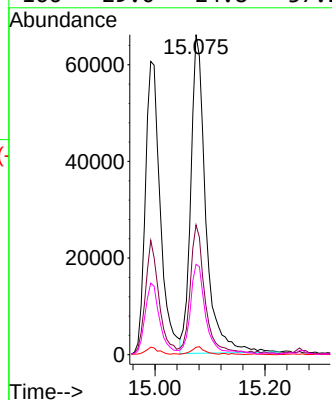
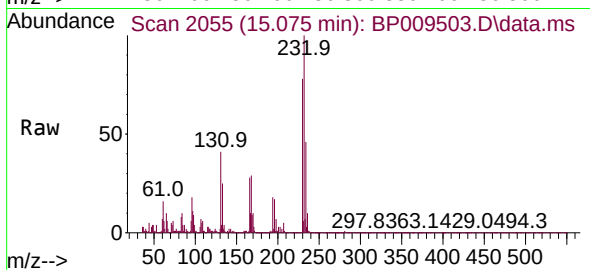
Ion Ratio Lower Upper

232 100

131 38.3 35.5 53.3

130 2.0 1.8 2.8

166 29.0 24.8 37.2



#60

Diethylphthalate

Concen: 6.744 ng

RT: 15.263 min Scan# 2087

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

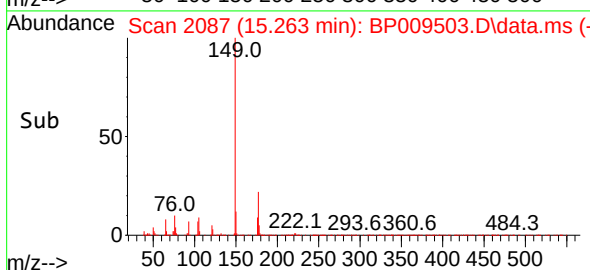
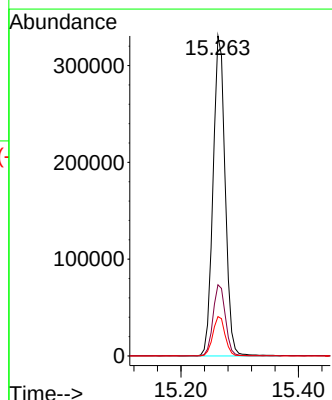
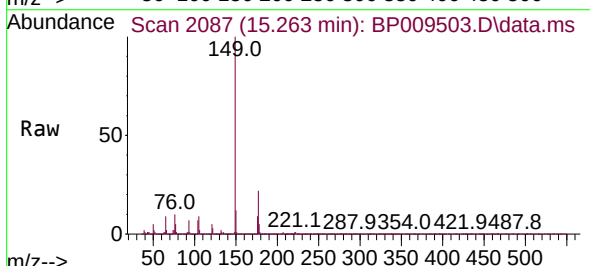
Tgt Ion:149 Resp: 472034

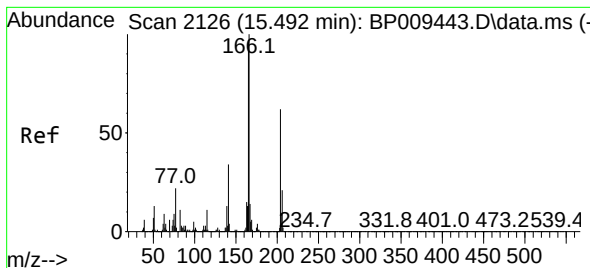
Ion Ratio Lower Upper

149 100

177 22.3 18.2 27.2

150 12.3 9.9 14.9

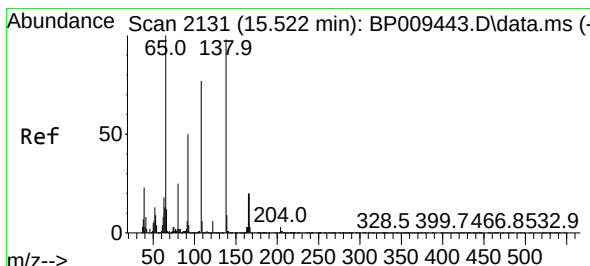
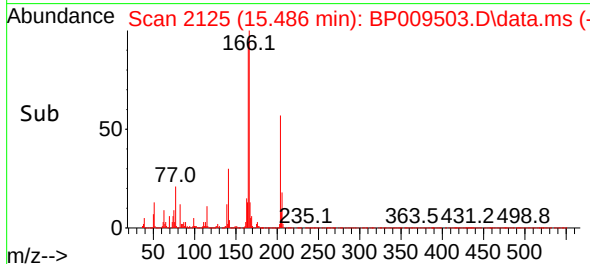
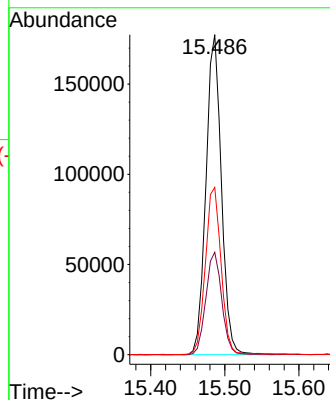
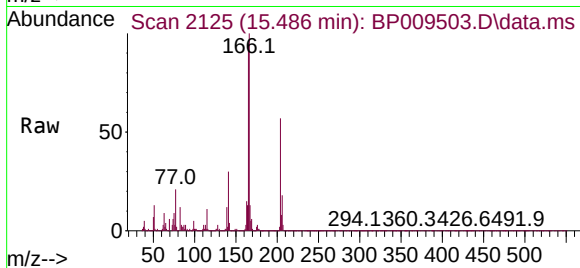




#61
4-Chlorophenyl-phenylether
Concen: 7.055 ng
RT: 15.486 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

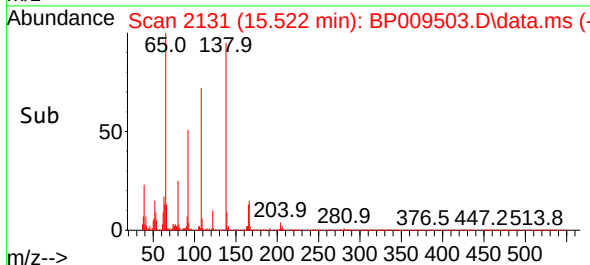
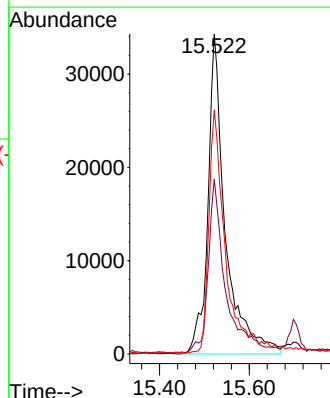
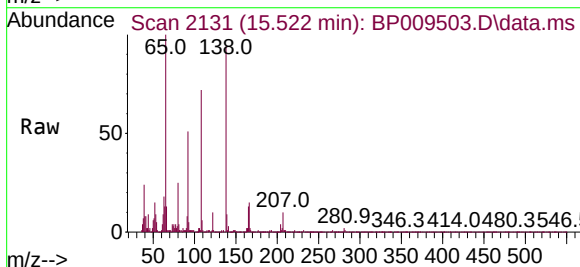
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

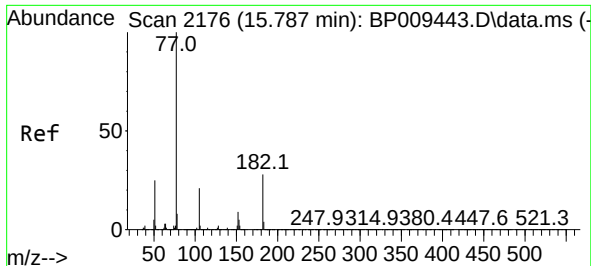
Tgt Ion:204 Resp: 256708
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 52.2 45.9 68.9



#62
4-Nitroaniline
Concen: 5.712 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:138 Resp: 92847
Ion Ratio Lower Upper
138 100
92 54.5 31.2 71.2
108 76.1 54.3 94.3

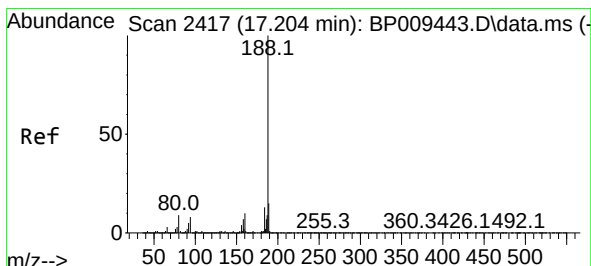
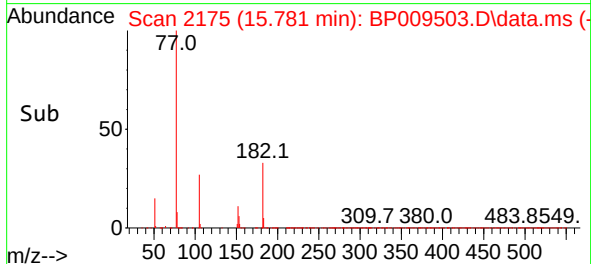
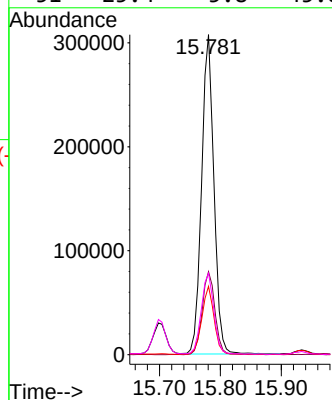
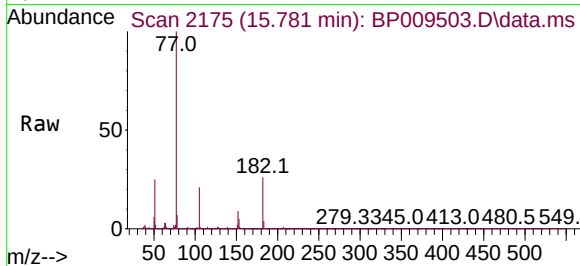




#63
Azobenzene
Concen: 7.099 ng
RT: 15.781 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

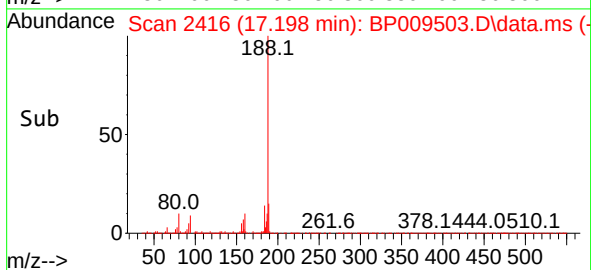
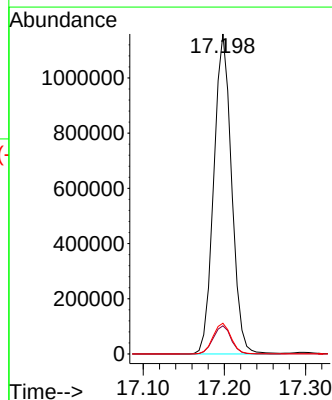
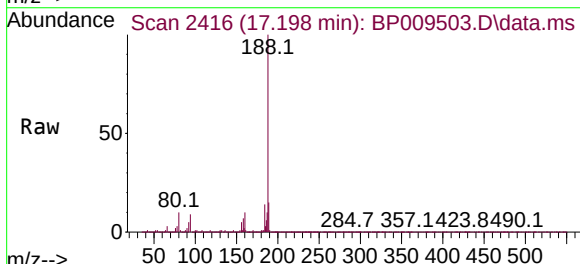
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

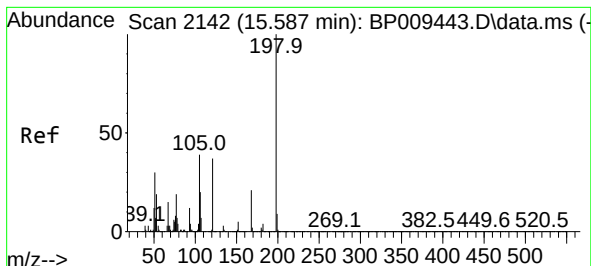
Tgt Ion: 77 Resp: 432272
Ion Ratio Lower Upper
77 100
182 26.0 5.4 45.4
105 21.3 0.3 40.3
51 25.4 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:188 Resp: 1765949
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2

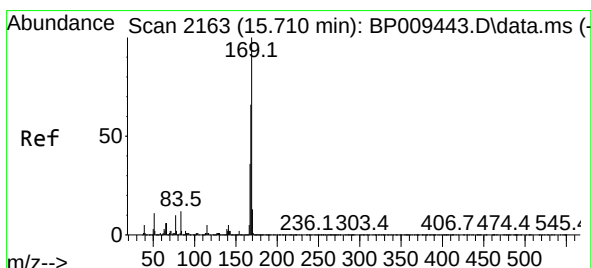
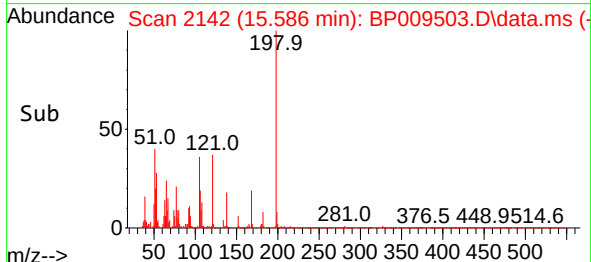
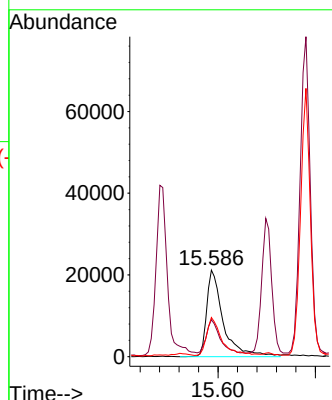
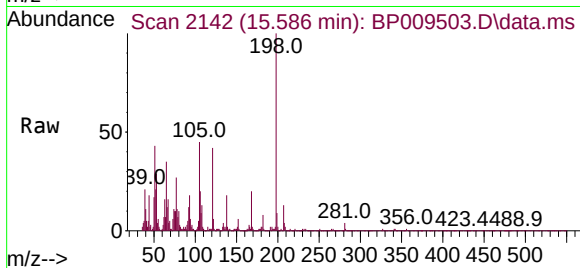




#65
4,6-Dinitro-2-methylphenol
Concen: 4.401 ng
RT: 15.586 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

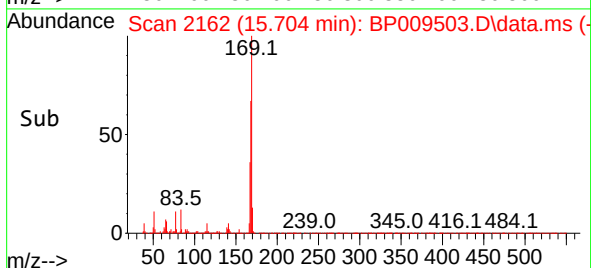
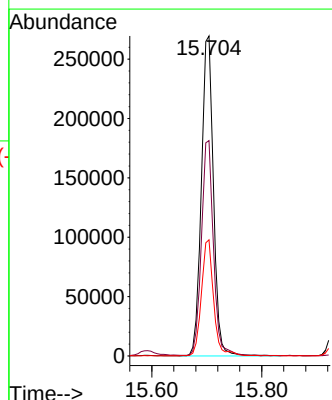
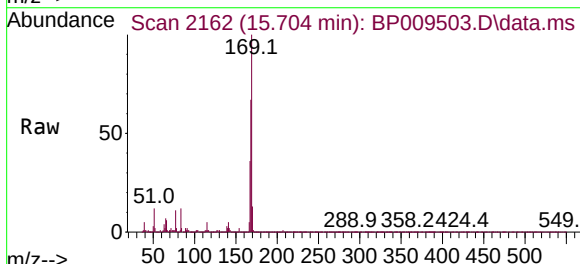
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

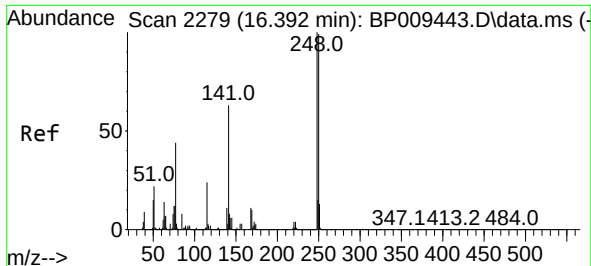
Tgt Ion:198 Resp: 49972
Ion Ratio Lower Upper
198 100
51 42.7 17.7 57.7
105 45.4 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 7.866 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:169 Resp: 411095
Ion Ratio Lower Upper
169 100
168 67.3 51.6 77.4
167 36.3 29.0 43.4

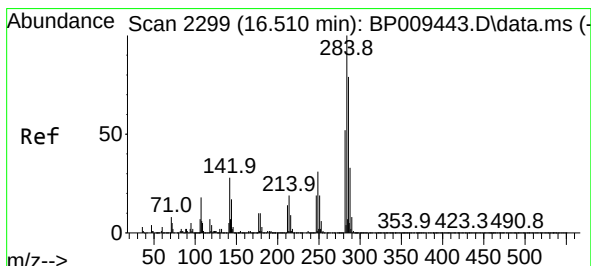
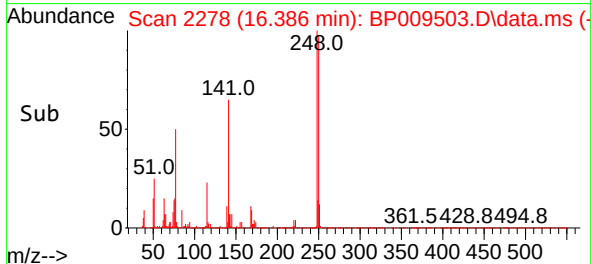
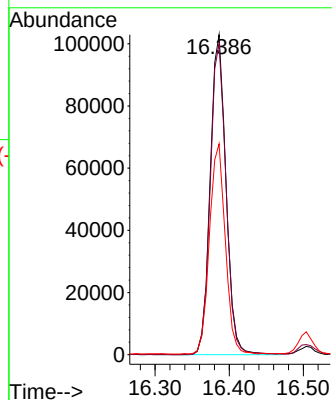
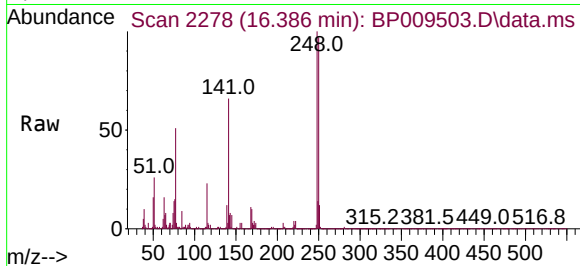




#67
4-Bromophenyl-phenylether
Concen: 7.044 ng
RT: 16.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

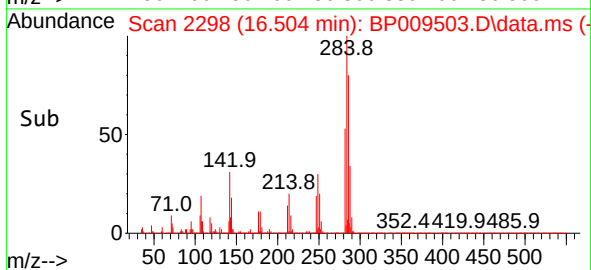
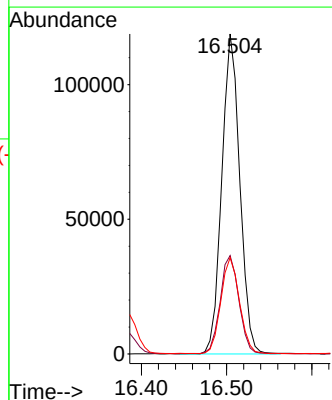
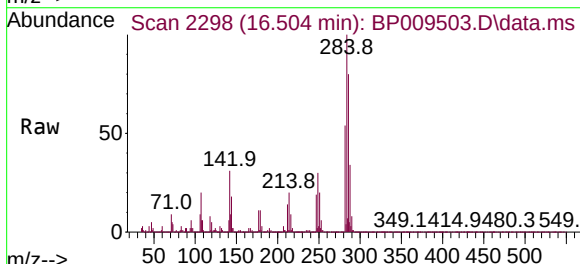
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

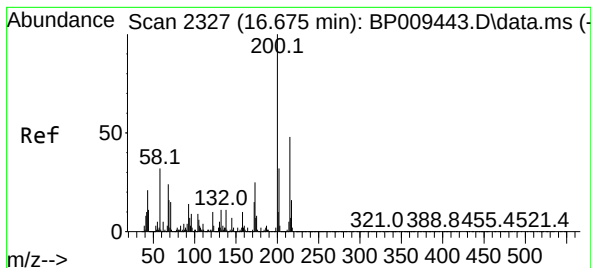
Tgt Ion:248 Resp: 152224
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 65.9 58.3 87.5



#68
Hexachlorobenzene
Concen: 7.011 ng
RT: 16.504 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:284 Resp: 174356
Ion Ratio Lower Upper
284 100
142 30.8 26.8 40.2
249 30.1 24.6 37.0





#69

Atrazine

Concen: 7.547 ng

RT: 16.663 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

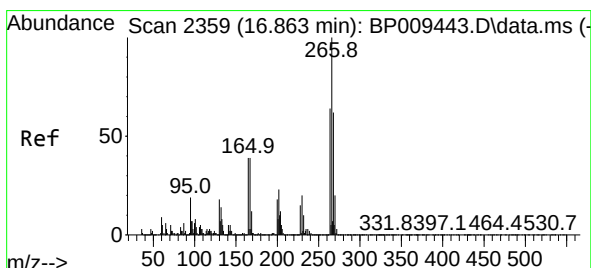
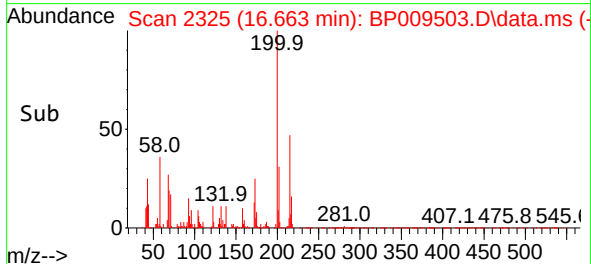
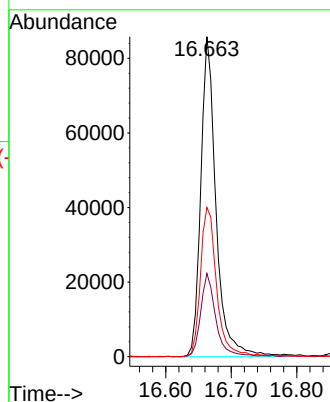
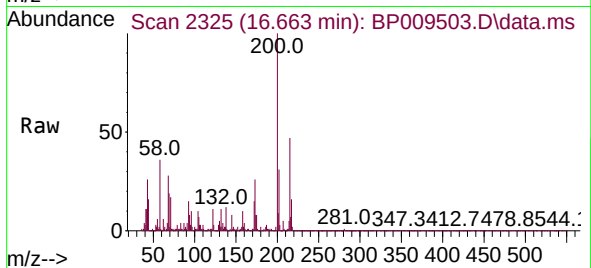
Tgt Ion:200 Resp: 138672

Ion Ratio Lower Upper

200 100

173 26.0 6.2 46.2

215 46.6 28.5 68.5



#70

Pentachlorophenol

Concen: 4.771 ng

RT: 16.869 min Scan# 2360

Delta R.T. 0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

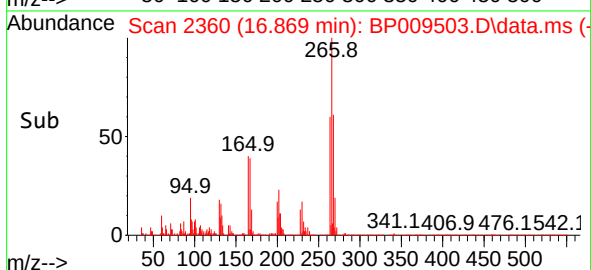
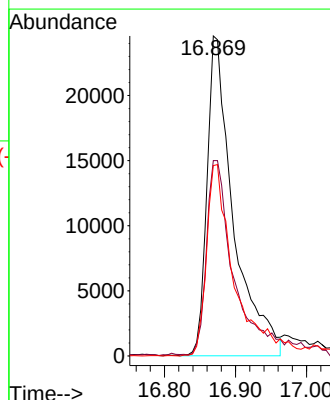
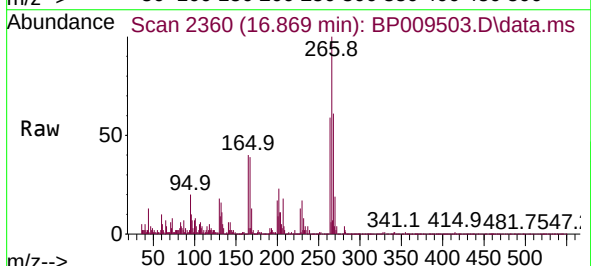
Tgt Ion:266 Resp: 63428

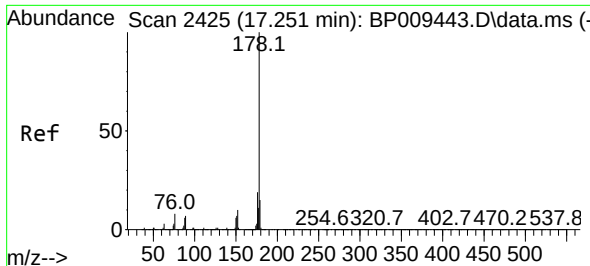
Ion Ratio Lower Upper

266 100

268 61.1 49.8 74.8

264 59.5 50.9 76.3

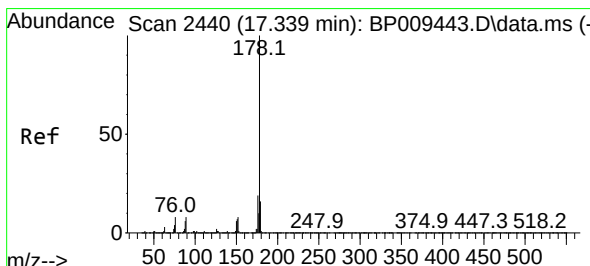
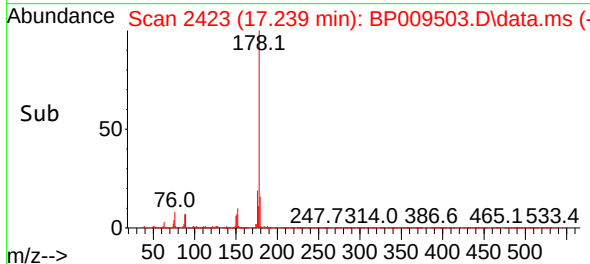
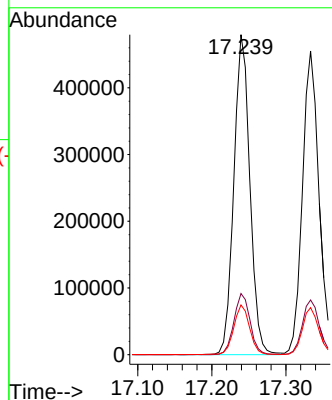
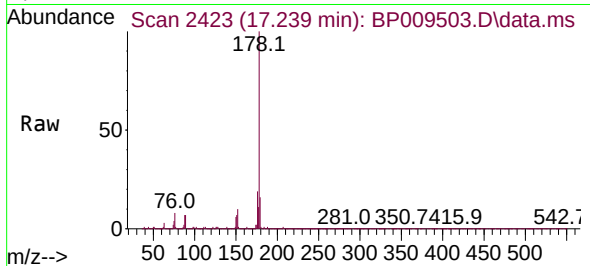




#71
Phenanthrene
Concen: 7.622 ng
RT: 17.239 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

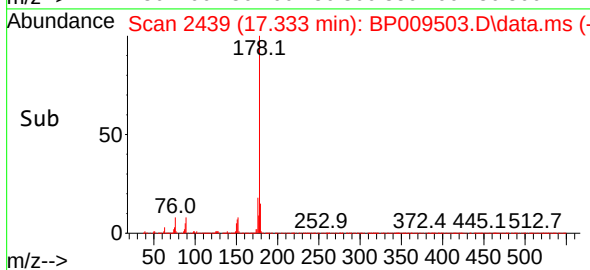
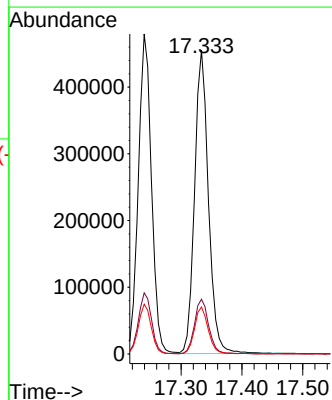
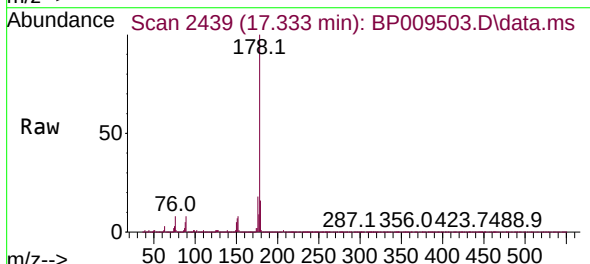
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

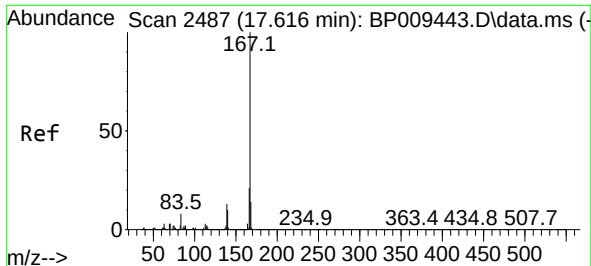
Tgt Ion:178 Resp: 720500
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.3 18.5



#72
Anthracene
Concen: 7.676 ng
RT: 17.333 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:178 Resp: 716410
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.5 12.2 18.4

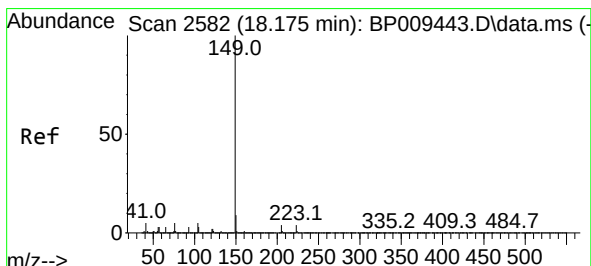
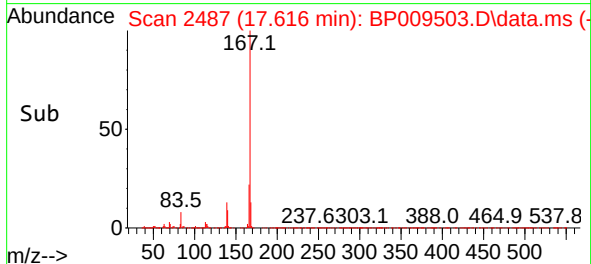
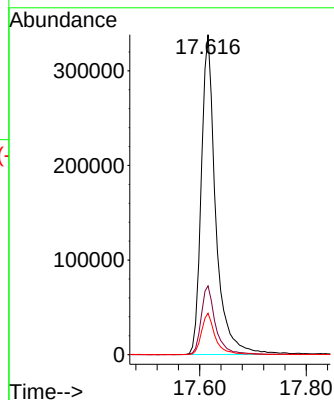
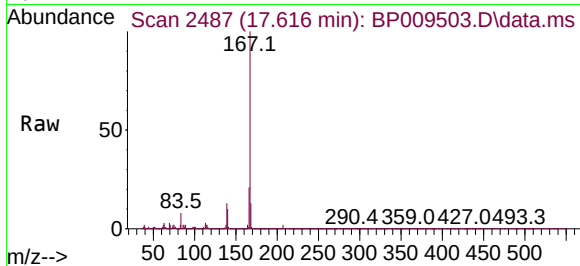




#73
 Carbazole
 Concen: 6.960 ng
 RT: 17.616 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BP009503.D
 Acq: 23 Mar 2022 12:42

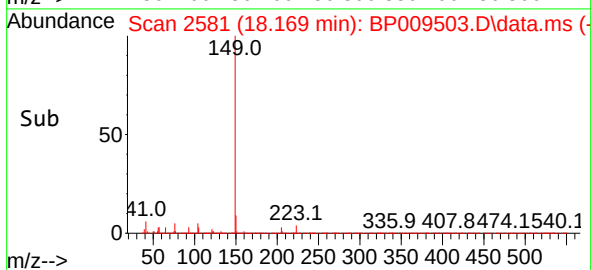
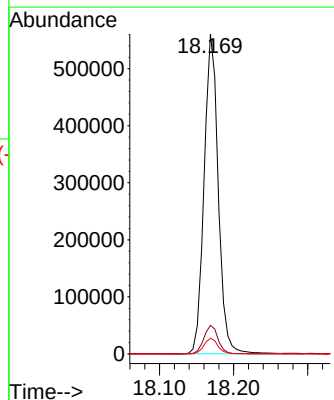
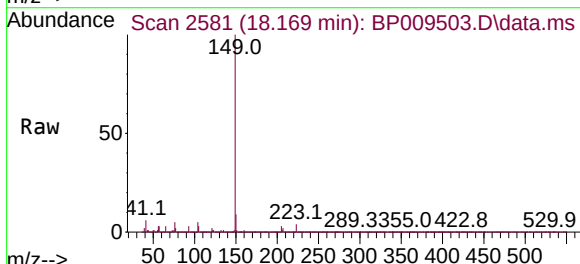
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

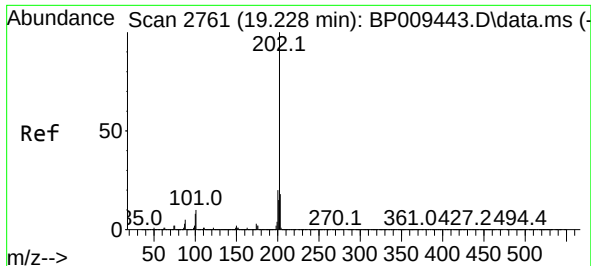
Tgt Ion:167	Resp: 635305		
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.2	25.8
139	13.0	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 6.953 ng
 RT: 18.169 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP009503.D
 Acq: 23 Mar 2022 12:42

Tgt Ion:149	Resp: 743664
Ion Ratio	Lower Upper
149 100	
150 9.0	7.3 10.9
104 4.9	4.2 6.2

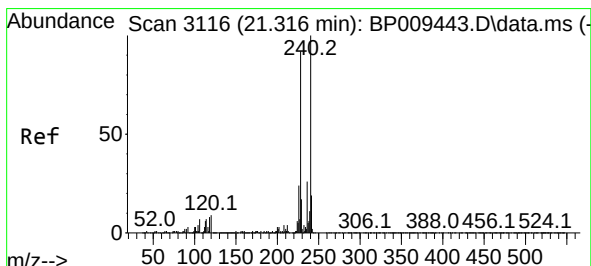
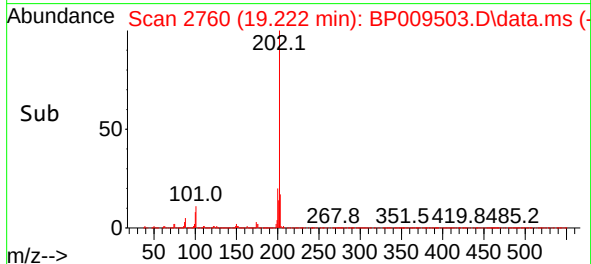
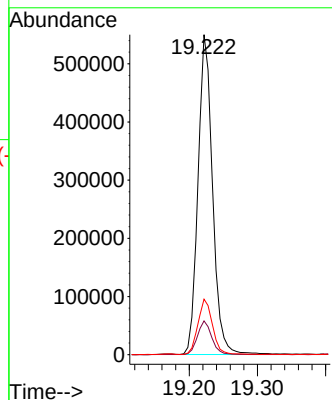
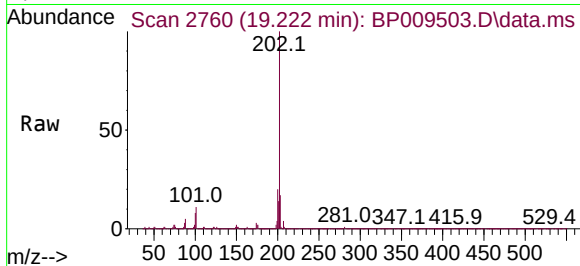




#75
Fluoranthene
Concen: 7.105 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

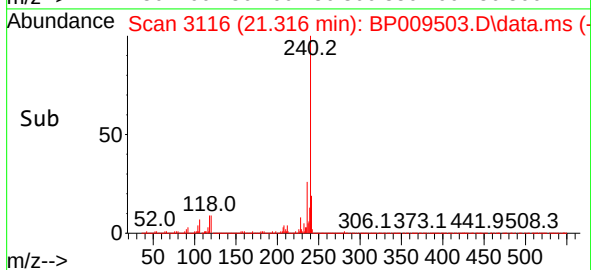
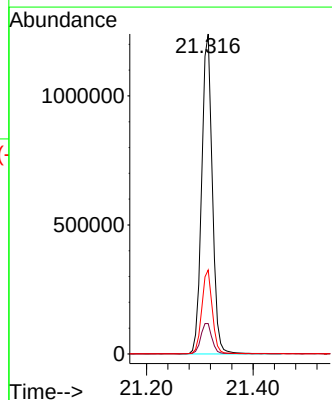
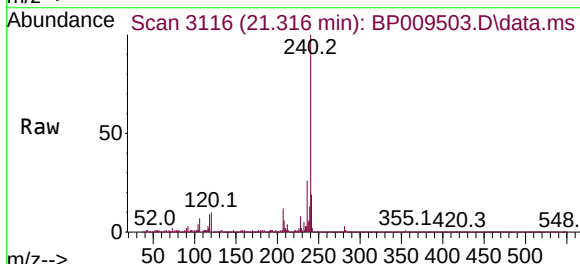
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

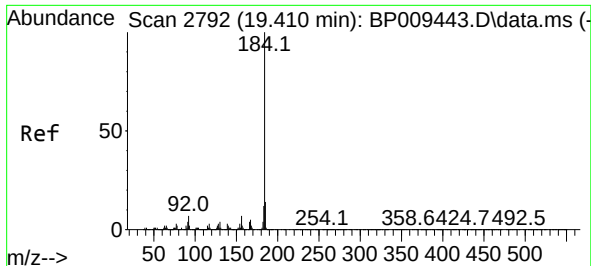
Tgt Ion:202 Resp: 813099
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.5
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:240 Resp: 1714736
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 26.3 20.6 30.8

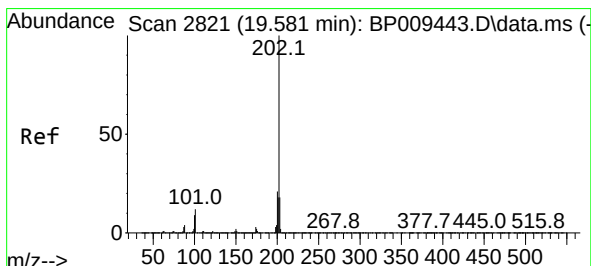
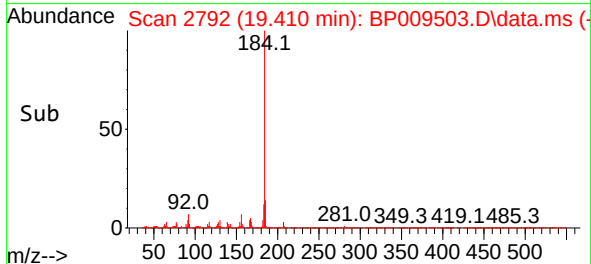
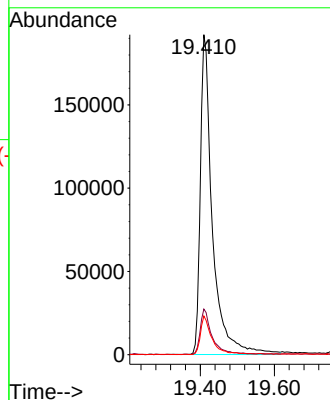
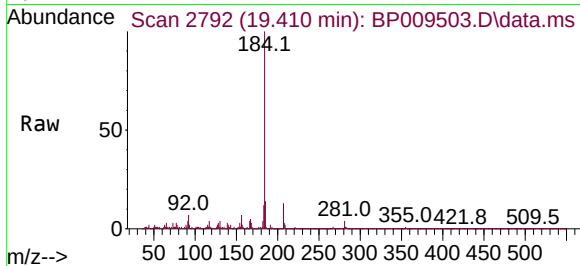




#77
Benzidine
Concen: 10.350 ng
RT: 19.410 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

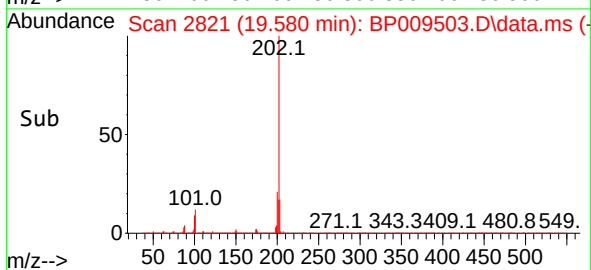
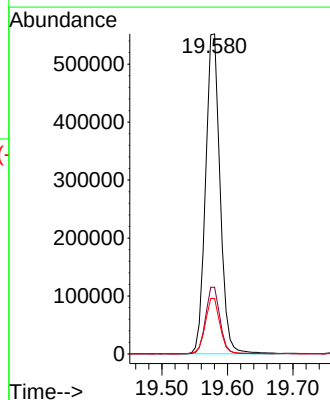
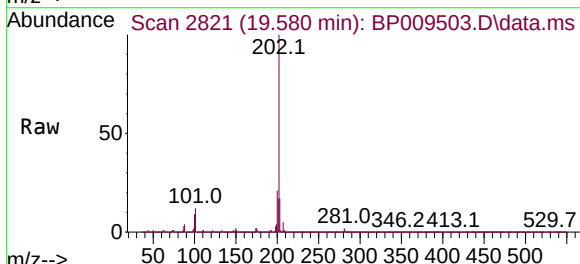
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

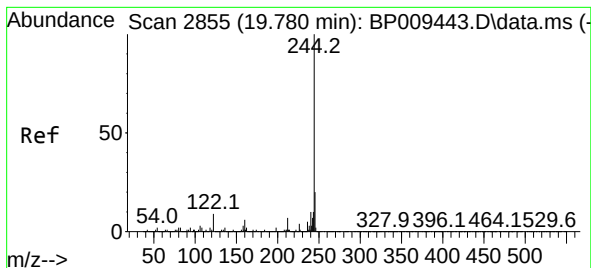
Tgt Ion:184 Resp: 434998
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 12.1 9.4 14.0



#78
Pyrene
Concen: 7.530 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:202 Resp: 850830
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 76.398 ng

RT: 19.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

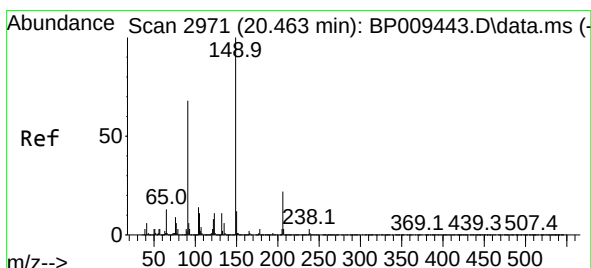
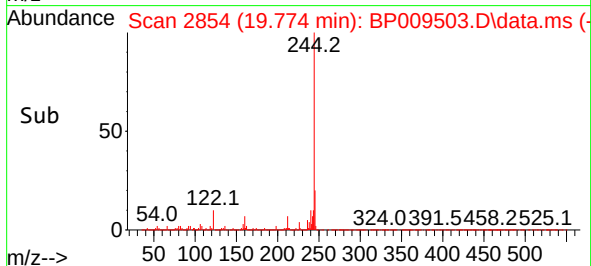
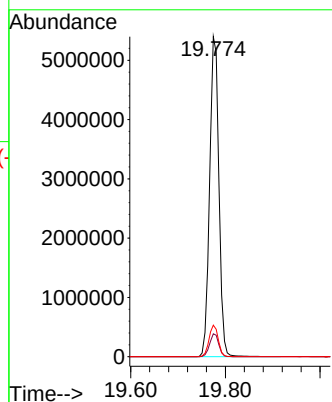
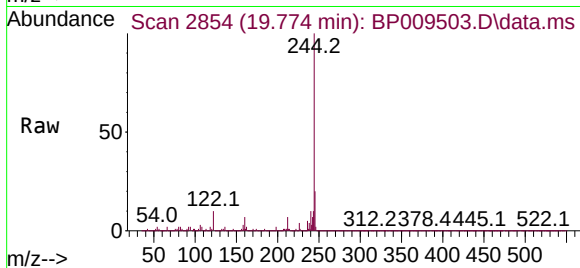
Tgt Ion:244 Resp: 7298612

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.9 8.3 12.5



#80

Butylbenzylphthalate

Concen: 7.135 ng

RT: 20.463 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

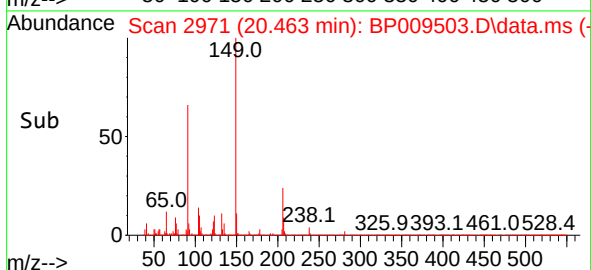
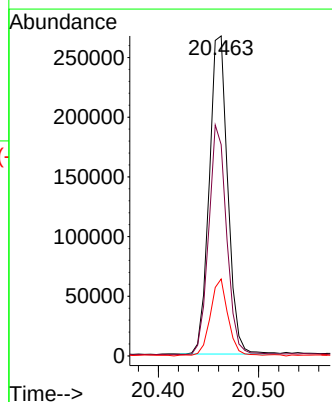
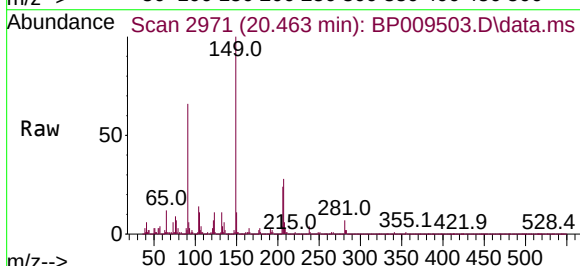
Tgt Ion:149 Resp: 342664

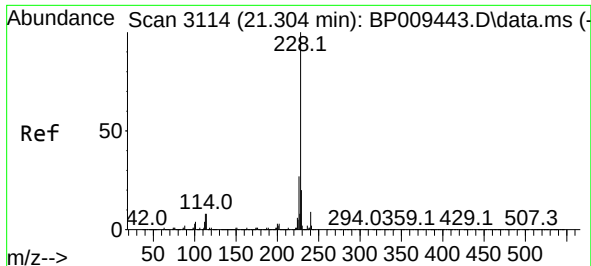
Ion Ratio Lower Upper

149 100

91 66.0 57.9 86.9

206 24.0 16.9 25.3

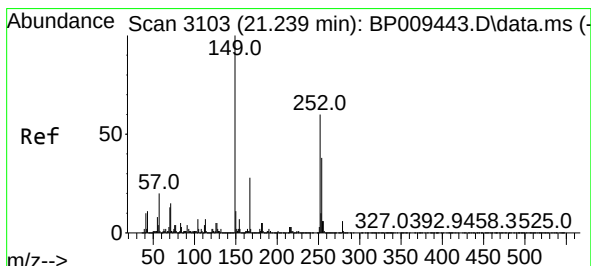
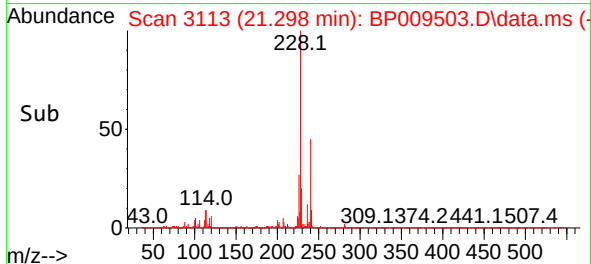
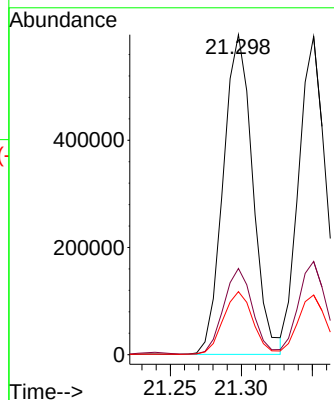
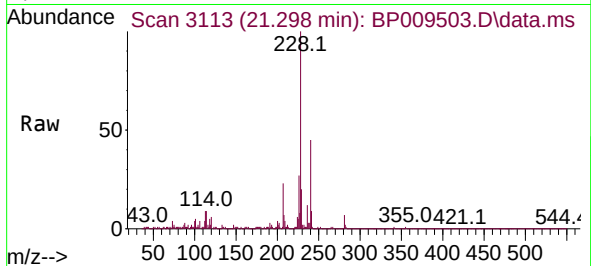




#81
Benzo(a)anthracene
Concen: 7.658 ng
RT: 21.298 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

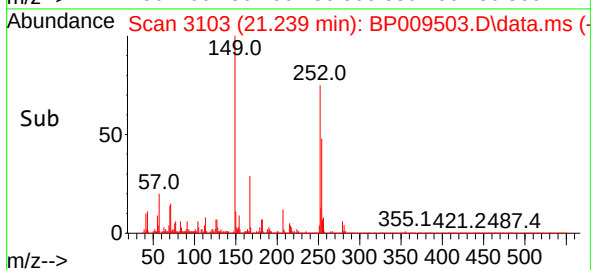
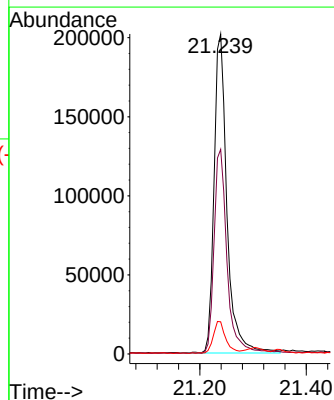
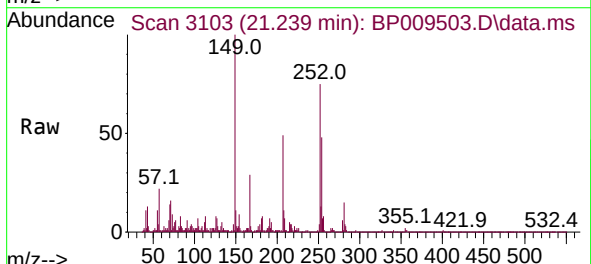
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

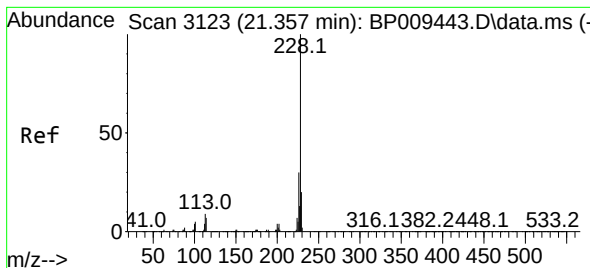
Tgt Ion:228 Resp: 862767
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 7.798 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:252 Resp: 339389
Ion Ratio Lower Upper
252 100
254 64.0 50.7 76.1
126 10.0 8.9 13.3





#83

Chrysene

Concen: 7.516 ng

RT: 21.351 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

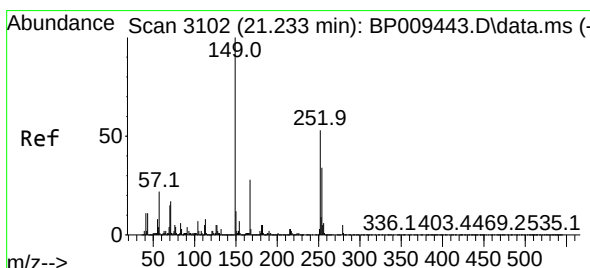
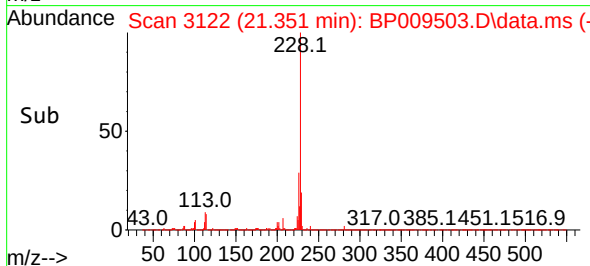
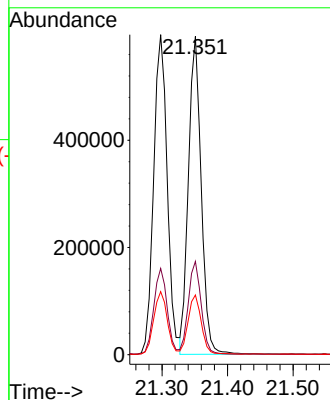
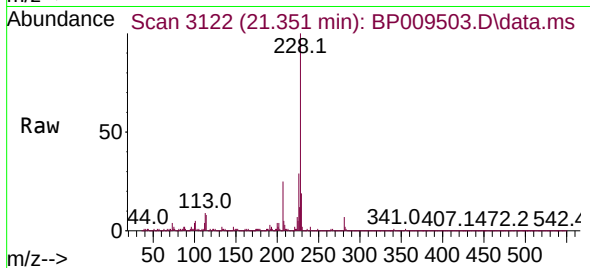
Tgt Ion:228 Resp: 801805

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.2

229 18.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.880 ng

RT: 21.233 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

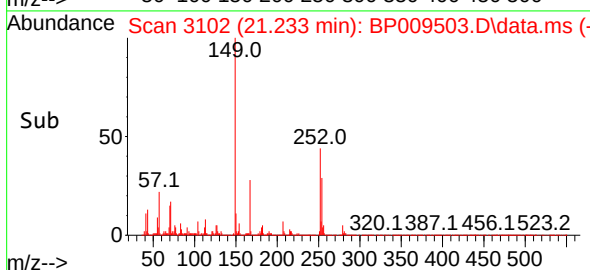
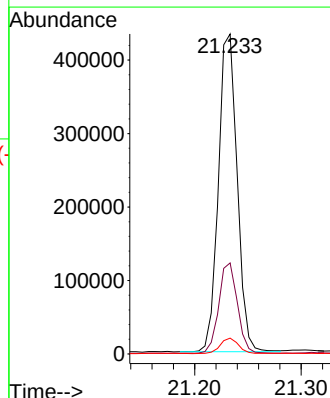
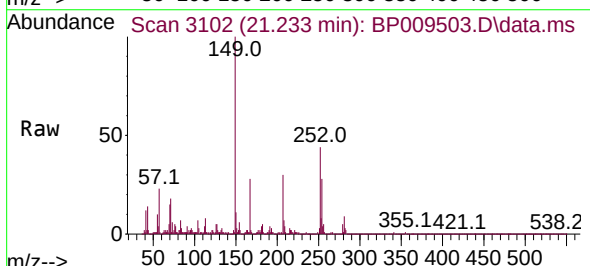
Tgt Ion:149 Resp: 527503

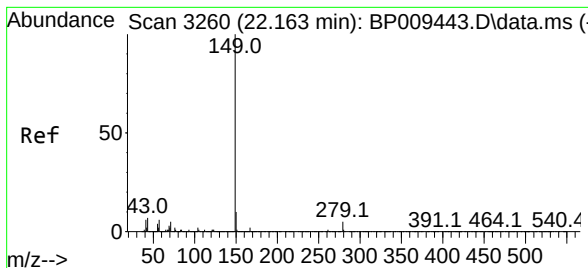
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 8.105 ng

RT: 22.157 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

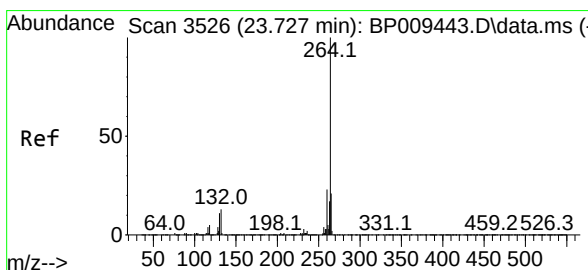
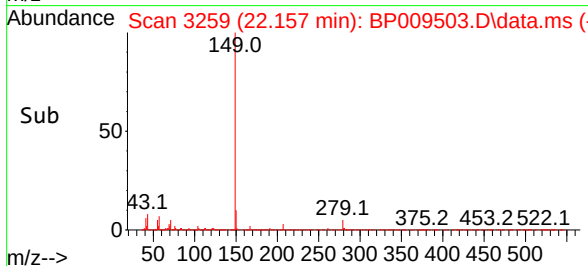
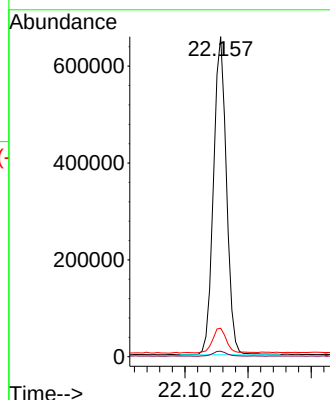
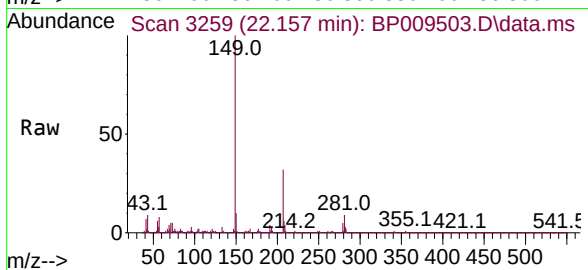
Tgt Ion:149 Resp: 935199

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

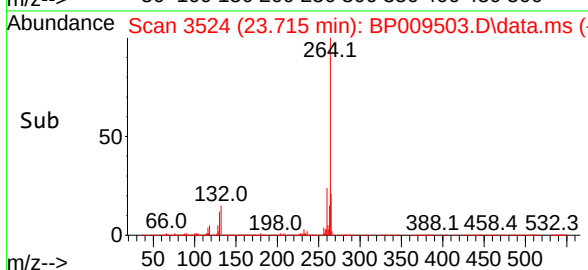
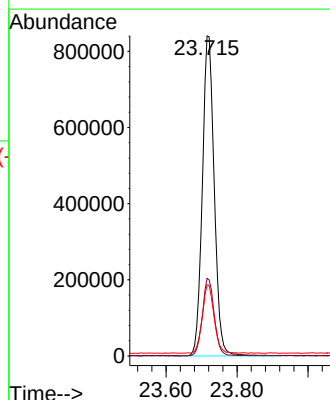
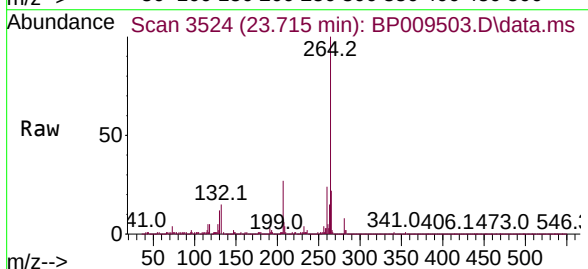
Tgt Ion:264 Resp: 1964588

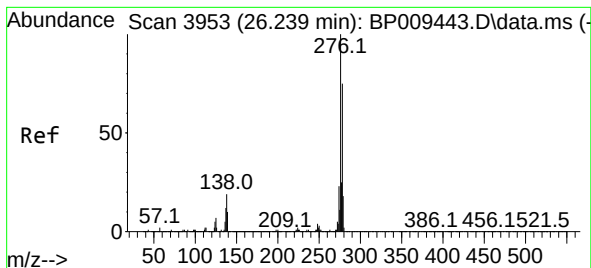
Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.390 ng

RT: 26.221 min Scan# 3950

Delta R.T. -0.018 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT1-2022

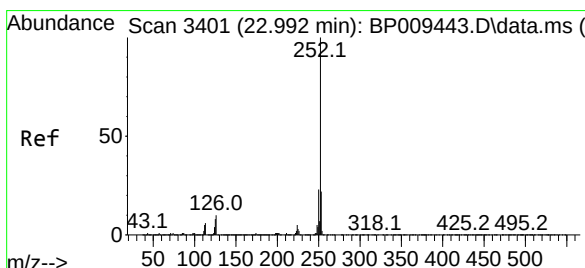
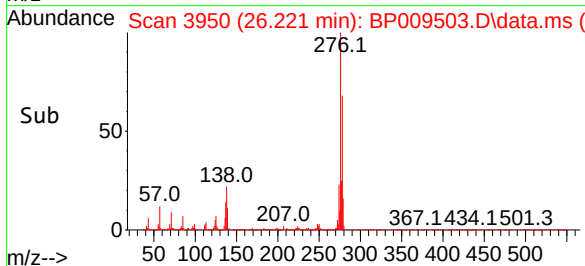
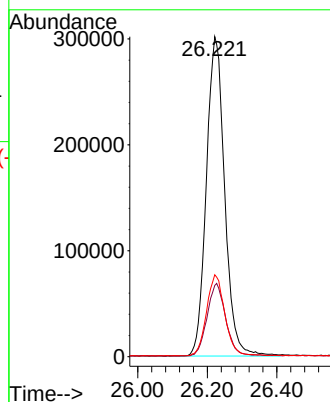
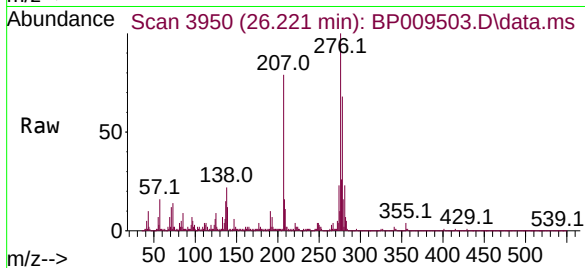
Tgt Ion:276 Resp: 1101443

Ion Ratio Lower Upper

276 100

138 23.0 20.5 30.7

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 7.792 ng

RT: 22.986 min Scan# 3400

Delta R.T. -0.006 min

Lab File: BP009503.D

Acq: 23 Mar 2022 12:42

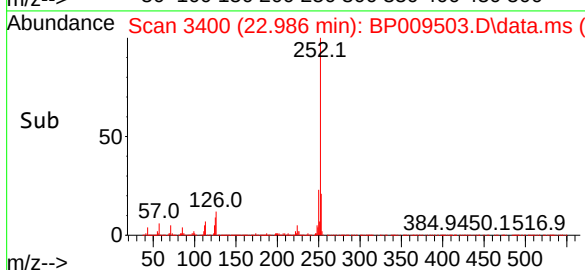
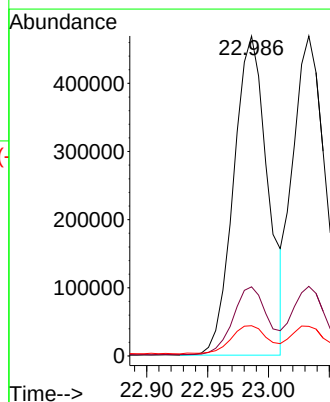
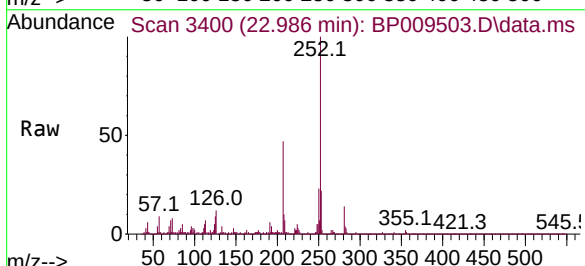
Tgt Ion:252 Resp: 913864

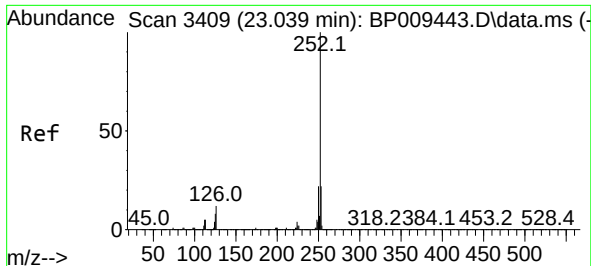
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.5 8.1 12.1

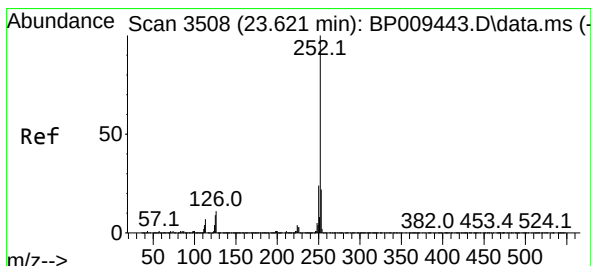
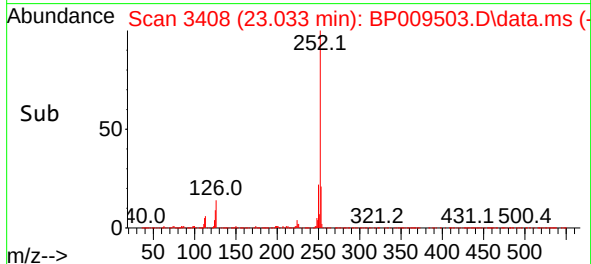
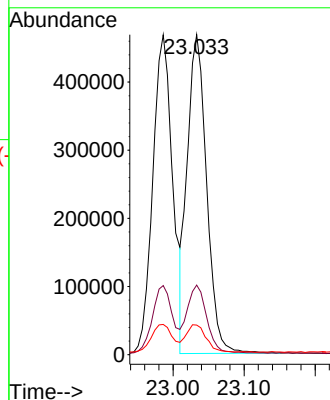
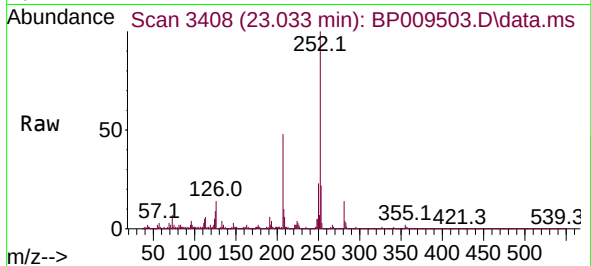




#89
Benzo(k)fluoranthene
Concen: 7.720 ng
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

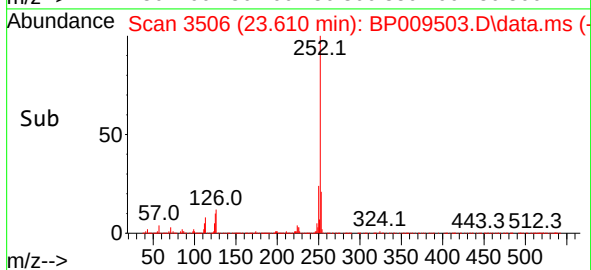
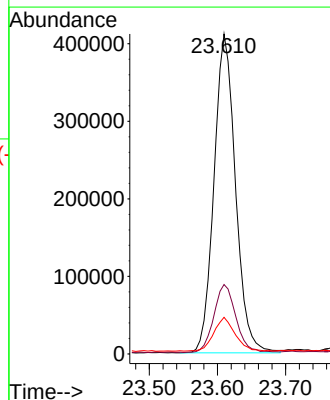
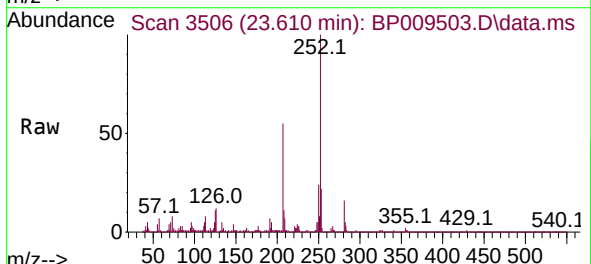
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

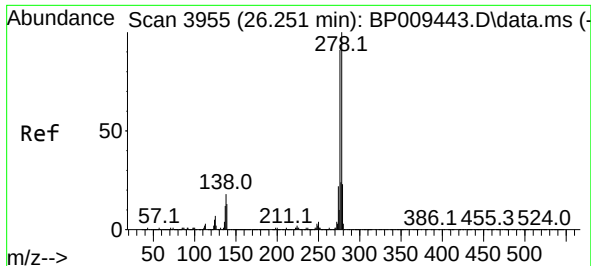
Tgt Ion:252 Resp: 886461
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 9.008 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion:252 Resp: 903872
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.5 9.3 13.9

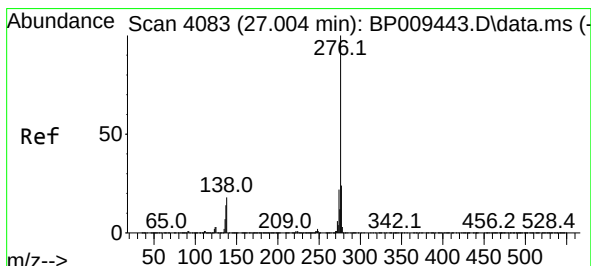
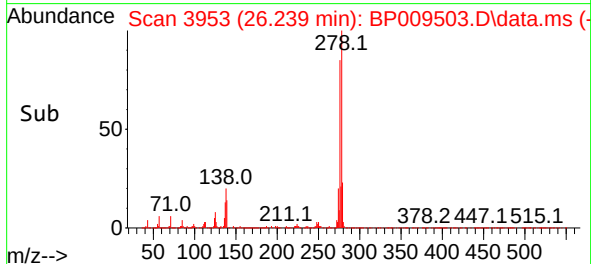
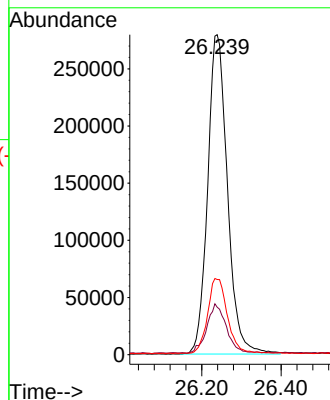
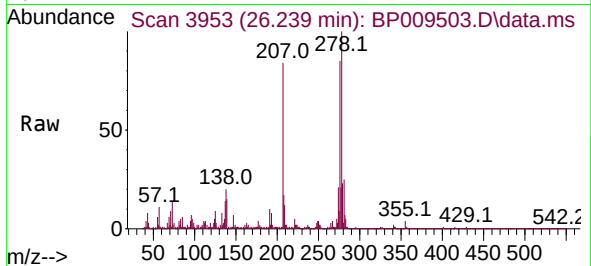




#91
Dibenzo(a,h)anthracene
Concen: 7.798 ng
RT: 26.239 min Scan# 3955
Delta R.T. -0.012 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 278 Resp: 968723
Ion Ratio Lower Upper
278 100
139 14.8 13.2 19.8
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 7.812 ng
RT: 26.986 min Scan# 4080
Delta R.T. -0.018 min
Lab File: BP009503.D
Acq: 23 Mar 2022 12:42

Tgt Ion: 276 Resp: 954634
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 19.6 18.0 27.0

