

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020224\
 Data File : BP019546.D
 Acq On : 03 Feb 2024 01:49
 Operator : MA/JU
 Sample : P1187-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Feb 03 03:20:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	64205	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	234501	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	151691	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	369297	20.000	ng	0.00
76) Chrysene-d12	21.386	240	439996	20.000	ng	0.00
86) Perylene-d12	23.804	264	521435	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	521465	130.918	ng	0.00
7) Phenol-d6	7.075	99	664575	123.740	ng	-0.01
23) Nitrobenzene-d5	9.075	82	423125	78.186	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	332274	150.025	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	948203	77.275	ng	0.00
79) Terphenyl-d14	19.863	244	2012025	75.202	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	6472	4.217	ng	92
3) Pyridine	3.793	79	15149	3.641	ng	# 94
4) n-Nitrosodimethylamine	3.711	42	6632	3.661	ng	# 91
6) Aniline	7.240	93	22356	4.284	ng	# 91
8) 2-Chlorophenol	7.469	128	14438	3.531	ng	99
9) Benzaldehyde	7.058	77	16484	4.378	ng	87
10) Phenol	7.105	94	20363	3.804	ng	92
11) bis(2-Chloroethyl)ether	7.346	93	14143	3.396	ng	90
12) 1,3-Dichlorobenzene	7.799	146	18323	3.662	ng	93
13) 1,4-Dichlorobenzene	7.946	146	19291	3.805	ng	98
14) 1,2-Dichlorobenzene	8.257	146	18332	3.737	ng	91
15) Benzyl Alcohol	8.157	79	15304	3.566	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	14827	3.560	ng	95
17) 2-Methylphenol	8.352	107	13092	3.633	ng	94
18) Hexachloroethane	8.981	117	6804	3.463	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	12538	3.418	ng	93
20) 3+4-Methylphenols	8.681	107	17097	3.476	ng	93
22) Acetophenone	8.740	105	26143	3.913	ng	# 96
24) Nitrobenzene	9.122	77	20657	3.791	ng	98
25) Isophorone	9.646	82	32174	3.414	ng	# 94
26) 2-Nitrophenol	9.828	139	6830	3.287	ng	95
27) 2,4-Dimethylphenol	9.887	122	11585	4.361	ng	93
28) bis(2-Chloroethoxy)met...	10.134	93	19043	3.571	ng	# 96
29) 2,4-Dichlorophenol	10.357	162	14576	3.630	ng	91
30) 1,2,4-Trichlorobenzene	10.575	180	18473	3.752	ng	95
31) Naphthalene	10.757	128	47148	3.666	ng	99
32) Benzoic acid	9.940	122	6851	2.647	ng	# 78
33) 4-Chloroaniline	10.881	127	19020	3.999	ng	97
34) Hexachlorobutadiene	11.040	225	13867	3.800	ng	96
35) Caprolactam	11.651	113	4120	3.624	ng	# 84
36) 4-Chloro-3-methylphenol	11.993	107	14817	3.384	ng	98
37) 2-Methylnaphthalene	12.369	142	31860	3.580	ng	96
38) 1-Methylnaphthalene	12.369	142	31860	3.642	ng	95
40) 1,2,4,5-Tetrachloroben...	12.728	216	22420	3.832	ng	97
41) Hexachlorocyclopentadiene	12.704	237	11863	4.489	ng	97
43) 2,4,6-Trichlorophenol	12.975	196	11613	3.278	ng	97

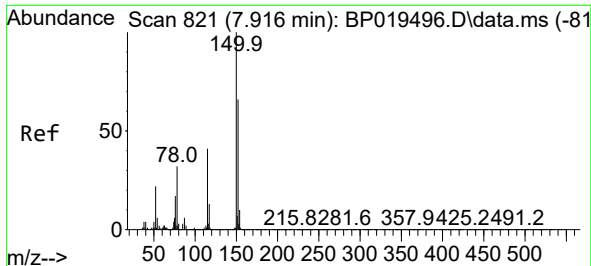
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	13178	3.388	ng	97
46) 1,1'-Biphenyl	13.381	154	44719	3.694	ng	97
47) 2-Chloronaphthalene	13.416	162	37027	3.726	ng	99
48) 2-Nitroaniline	13.634	65	8802	3.167	ng	95
49) Acenaphthylene	14.263	152	56266	4.035	ng	99
50) Dimethylphthalate	14.010	163	45778	3.942	ng	98
51) 2,6-Dinitrotoluene	14.134	165	8309	3.257	ng	94
52) Acenaphthene	14.604	154	31369	3.625	ng	95
53) 3-Nitroaniline	14.457	138	8645	3.687	ng	88
54) 2,4-Dinitrophenol	14.663	184	4170	3.148	ng #	74
55) Dibenzofuran	14.939	168	56223	3.989	ng	99
56) 4-Nitrophenol	14.757	139	7406	3.854	ng	97
57) 2,4-Dinitrotoluene	14.916	165	11429	3.418	ng	97
58) Fluorene	15.592	166	43487	3.874	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.163	232	12091	3.695	ng	99
60) Diethylphthalate	15.375	149	45984	3.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	24831	3.935	ng	94
62) 4-Nitroaniline	15.616	138	9558	3.889	ng	91
63) Azobenzene	15.886	77	42365	3.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.669	198	5649	2.683	ng	99
66) n-Nitrosodiphenylamine	15.810	169	37521	3.392	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	14836	3.214	ng	96
68) Hexachlorobenzene	16.586	284	18689	3.467	ng	96
69) Atrazine	16.769	200	15470	4.215	ng	94
70) Pentachlorophenol	16.933	266	9871	2.940	ng	96
71) Phenanthrene	17.339	178	73980	3.807	ng	99
72) Anthracene	17.428	178	73667	3.800	ng	100
73) Carbazole	17.704	167	67747	3.847	ng	96
74) Di-n-butylphthalate	18.269	149	78014	3.663	ng	98
75) Fluoranthene	19.304	202	95710	4.031	ng	99
77) Benzidine	19.498	184	49264	5.355	ng	98
78) Pyrene	19.657	202	103300	3.327	ng	99
80) Butylbenzylphthalate	20.551	149	34981	3.016	ng	98
81) Benzo(a)anthracene	21.369	228	115474	3.728	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	40365	3.576	ng	93
83) Chrysene	21.421	228	107414	3.653	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	57930	3.281	ng	97
85) Di-n-octyl phthalate	22.263	149	95161	3.063	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	135565	3.396	ng	99
88) Benzo(b)fluoranthene	23.063	252	117016	3.561	ng	99
89) Benzo(k)fluoranthene	23.115	252	112796	3.593	ng	99
90) Benzo(a)pyrene	23.692	252	101642	3.476	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	114843	3.498	ng	95
92) Benzo(g,h,i)perylene	27.086	276	109428	3.286	ng	99

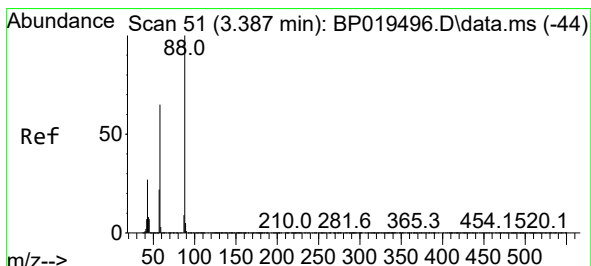
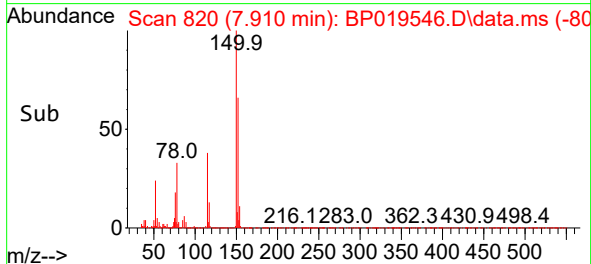
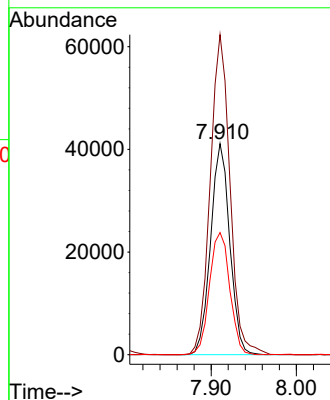
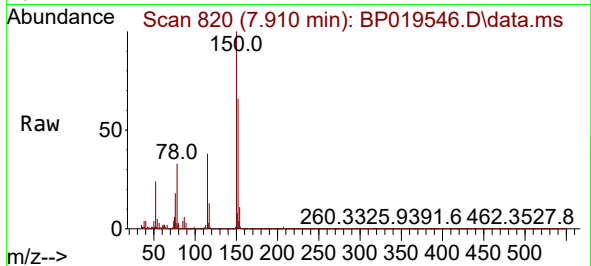
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019546.D
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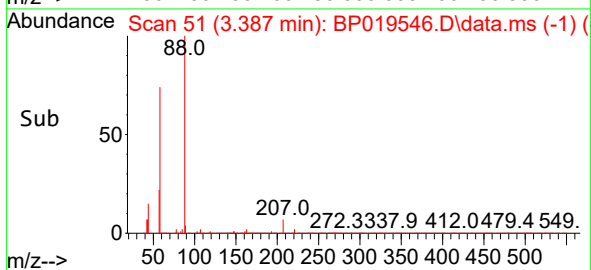
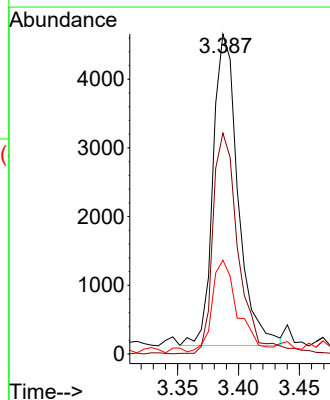
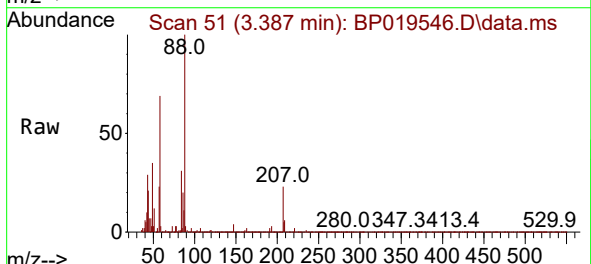
Instrument :
BNA_P
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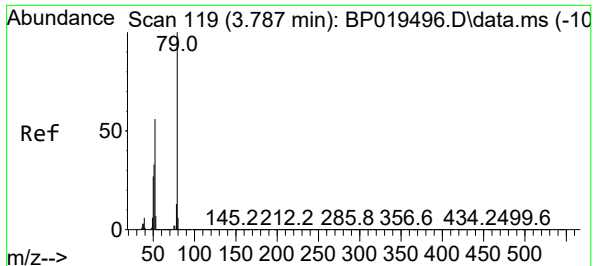
Tgt Ion:152 Resp: 64205
Ion Ratio Lower Upper
152 100
150 151.6 121.8 182.8
115 57.8 49.9 74.9



#2
1,4-Dioxane
Concen: 4.217 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 88 Resp: 6472
Ion Ratio Lower Upper
88 100
58 73.1 52.6 78.8
43 30.4 21.9 32.9





#3

Pyridine

Concen: 3.641 ng

RT: 3.793 min Scan# 119

Delta R.T. 0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

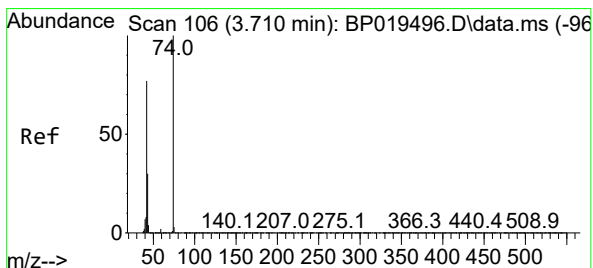
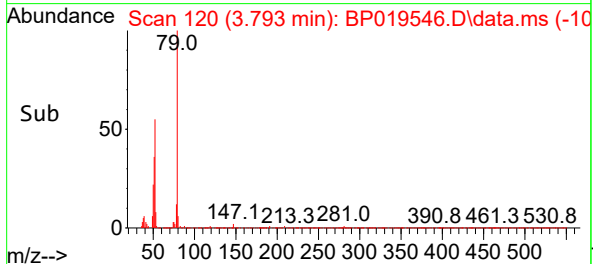
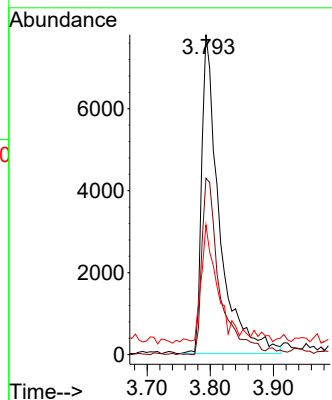
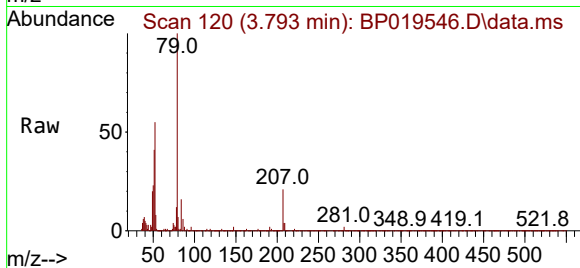
Tgt Ion: 79 Resp: 15149

Ion Ratio Lower Upper

79 100

52 55.1 45.0 67.6

51 40.6 26.8 40.2#



#4

n-Nitrosodimethylamine

Concen: 3.661 ng

RT: 3.711 min Scan# 106

Delta R.T. 0.000 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

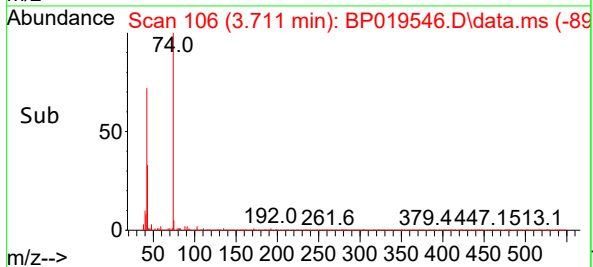
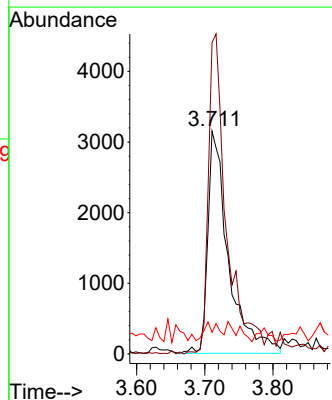
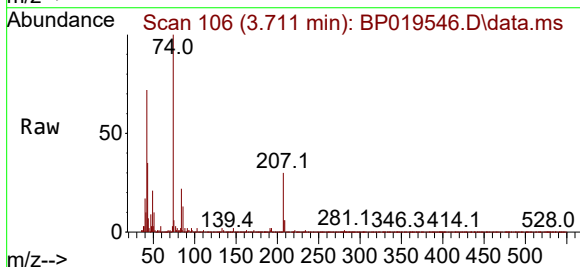
Tgt Ion: 42 Resp: 6632

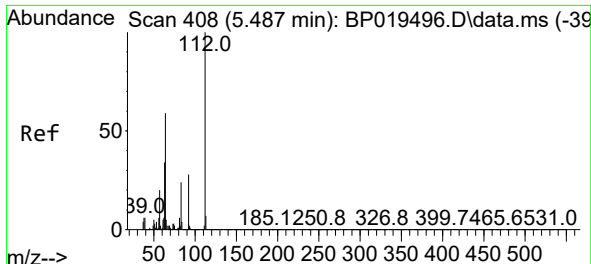
Ion Ratio Lower Upper

42 100

74 139.8 103.4 155.2

44 9.7 4.8 7.2#

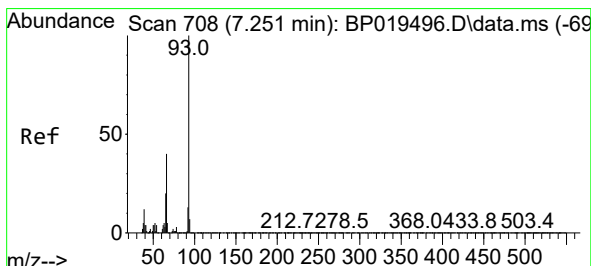
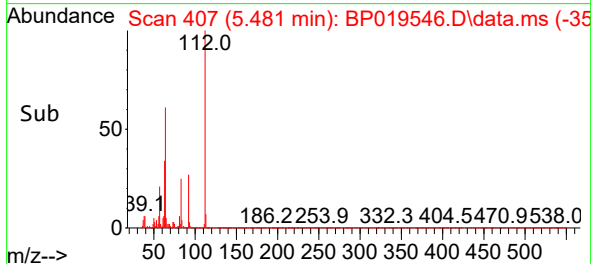
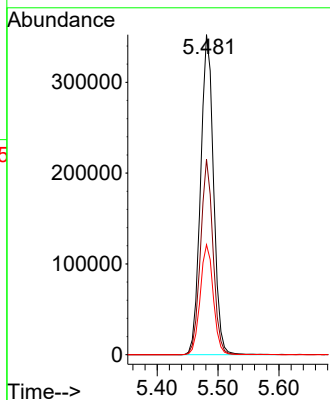
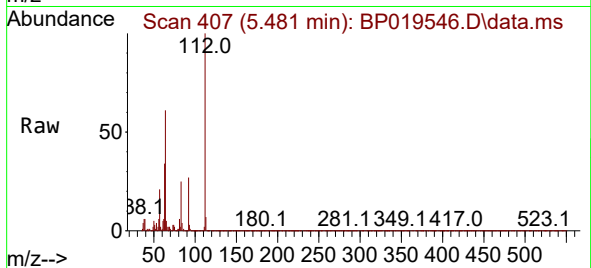




#5
2-Fluorophenol
Concen: 130.918 ng
RT: 5.481 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

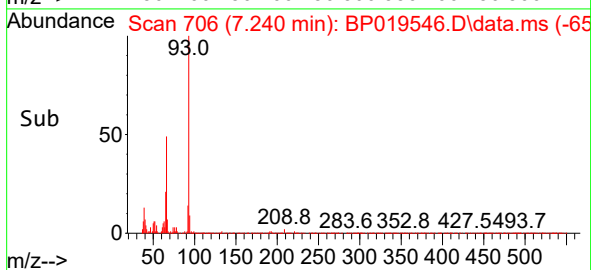
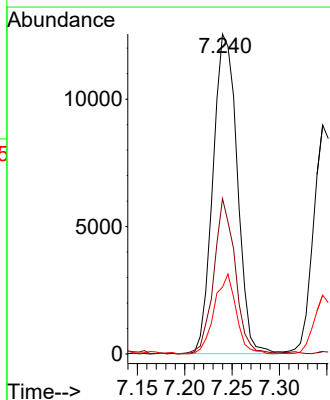
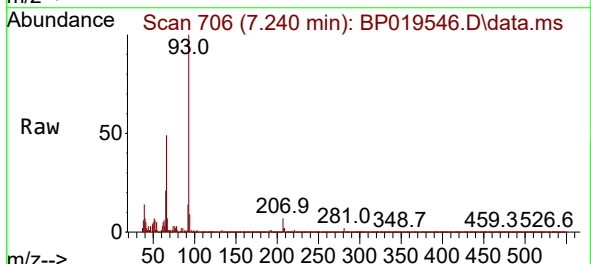
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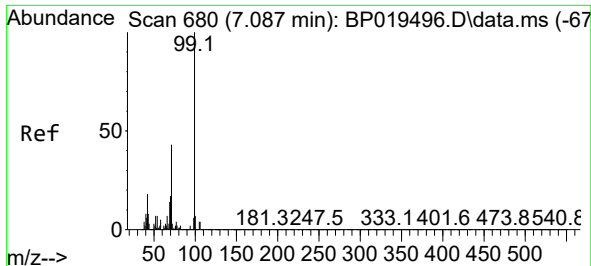
Tgt Ion:112 Resp: 521465
Ion Ratio Lower Upper
112 100
64 61.0 47.4 71.0
63 34.3 27.0 40.6



#6
Aniline
Concen: 4.284 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 93 Resp: 22356
Ion Ratio Lower Upper
93 100
66 48.5 32.3 48.5#
65 20.9 16.4 24.6

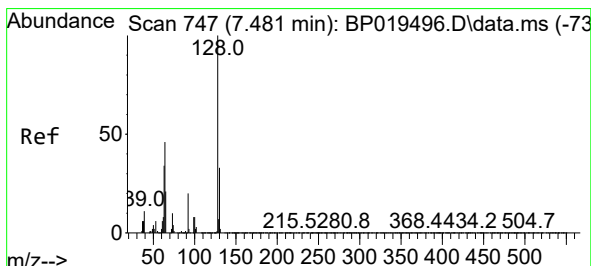
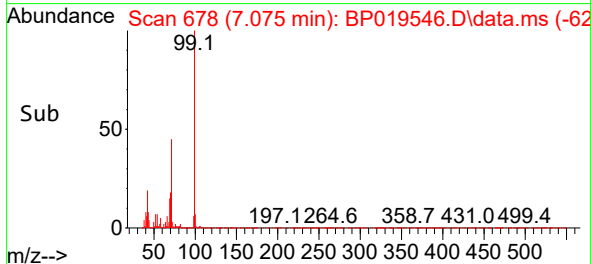
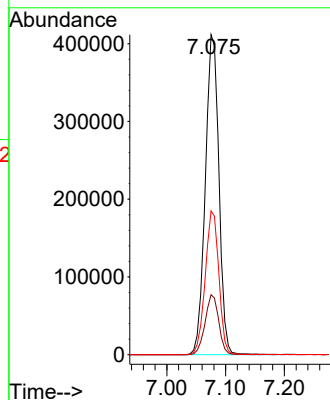
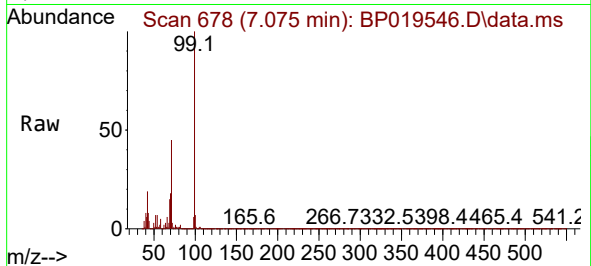




#7
Phenol-d6
Concen: 123.740 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

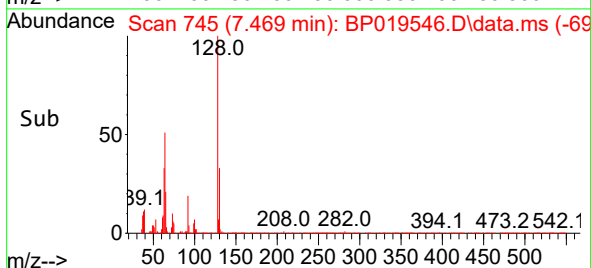
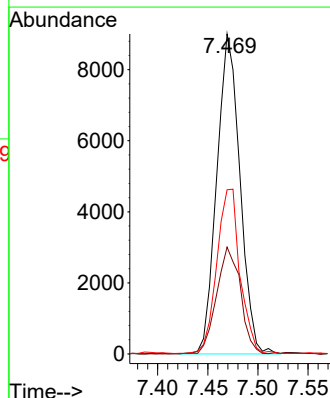
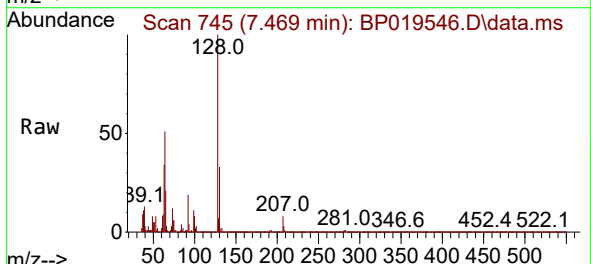
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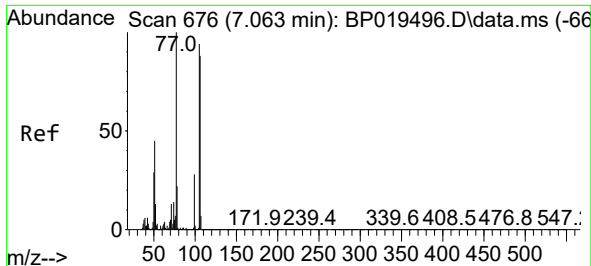
Tgt Ion: 99 Resp: 664575
Ion Ratio Lower Upper
99 100
42 18.7 14.7 22.1
71 44.9 34.8 52.2



#8
2-Chlorophenol
Concen: 3.531 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:128 Resp: 14438
Ion Ratio Lower Upper
128 100
130 33.4 13.3 53.3
64 51.3 29.7 69.7

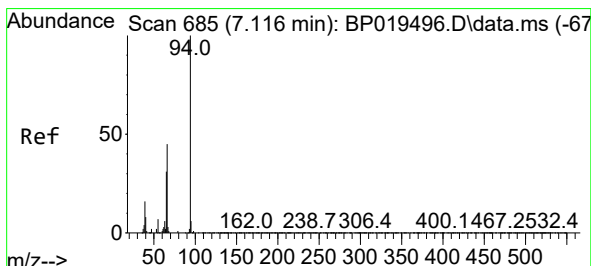
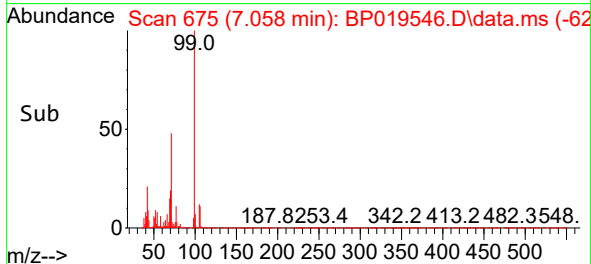
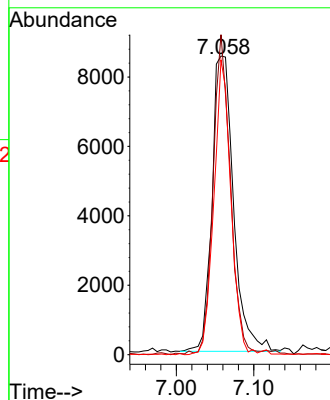
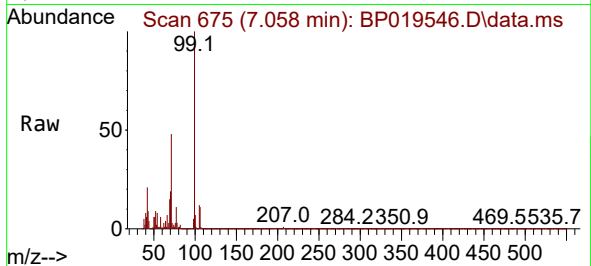




#9
Benzaldehyde
Concen: 4.378 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

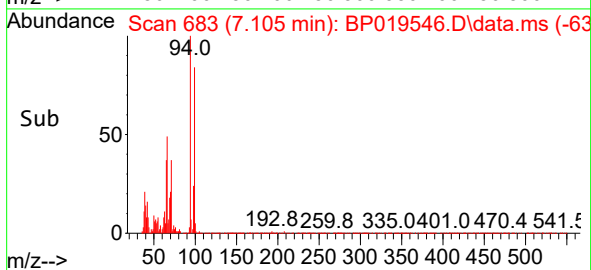
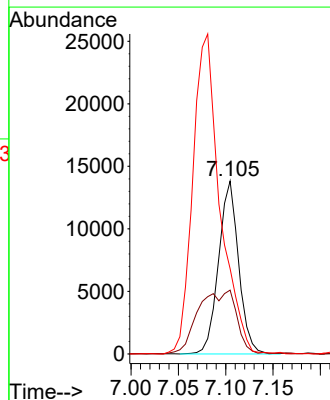
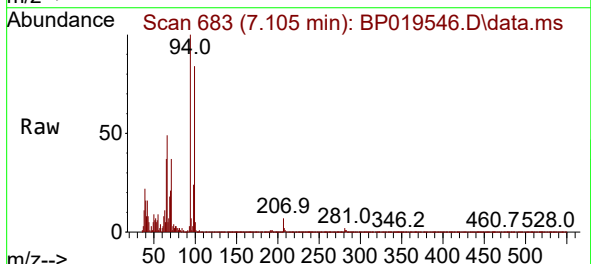
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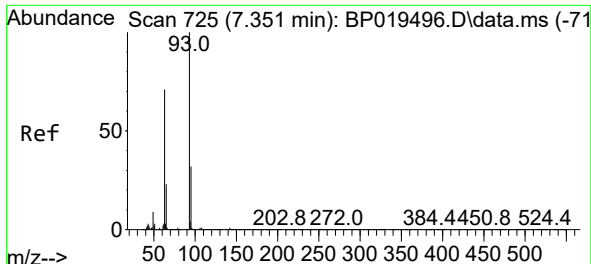
Tgt Ion: 77 Resp: 16484
Ion Ratio Lower Upper
77 100
105 107.1 74.0 114.0
106 98.7 67.8 107.8



#10
Phenol
Concen: 3.804 ng
RT: 7.105 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 94 Resp: 20363
Ion Ratio Lower Upper
94 100
65 36.9 11.3 51.3
66 49.3 25.1 65.1

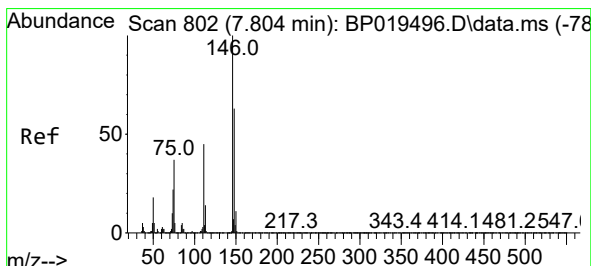
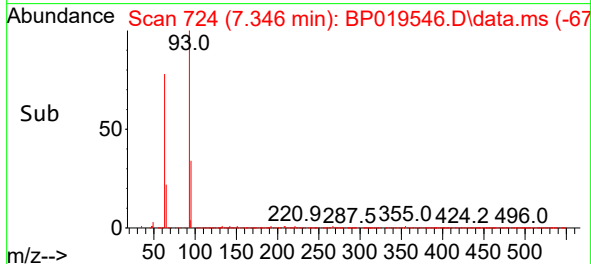
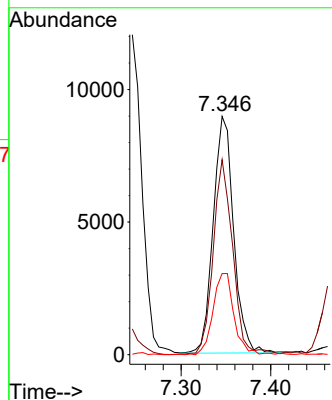
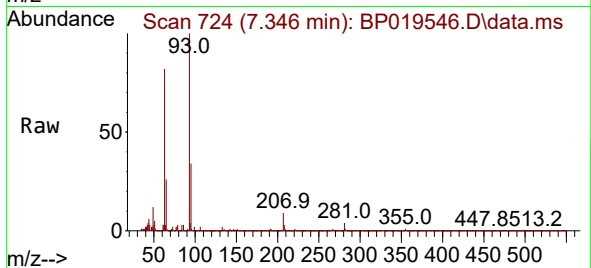




#11
bis(2-Chloroethyl)ether
Concen: 3.396 ng
RT: 7.346 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

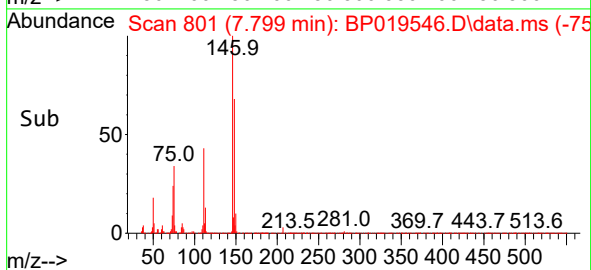
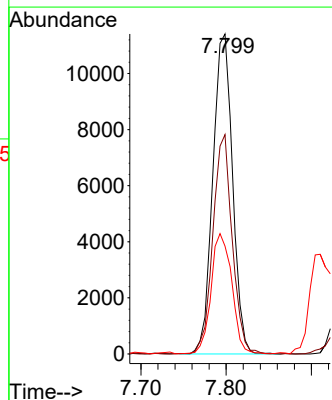
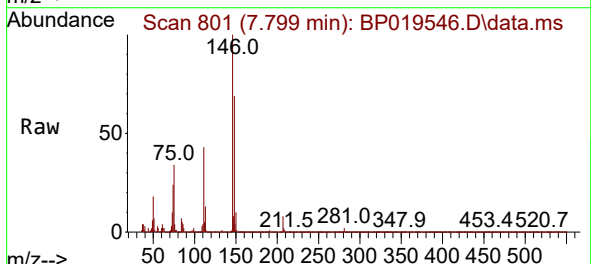
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

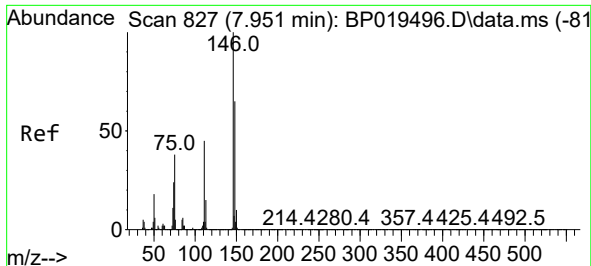
Tgt Ion: 93 Resp: 14143
Ion Ratio Lower Upper
93 100
63 81.8 51.2 91.2
95 34.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 3.662 ng
RT: 7.799 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:146 Resp: 18323
Ion Ratio Lower Upper
146 100
148 68.5 50.4 75.6
75 33.7 29.9 44.9

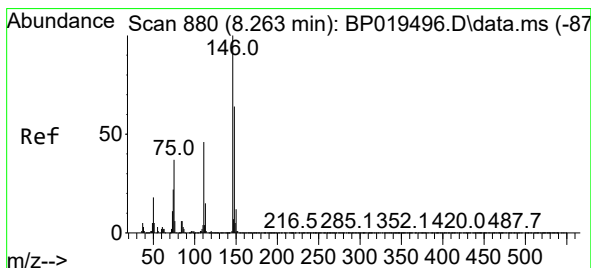
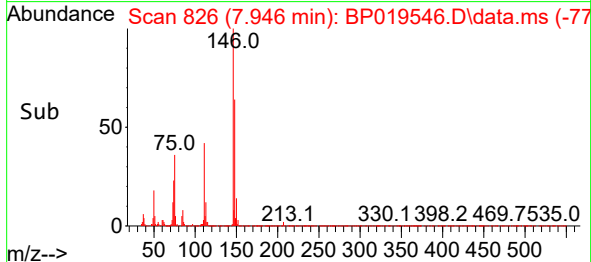
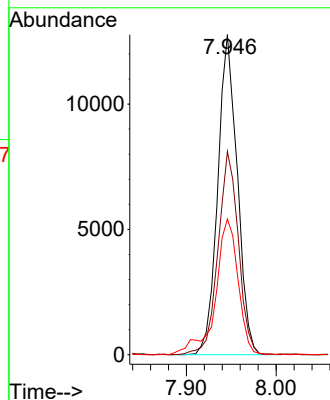
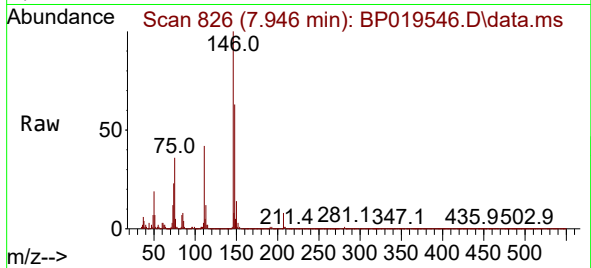




#13
1,4-Dichlorobenzene
Concen: 3.805 ng
RT: 7.946 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

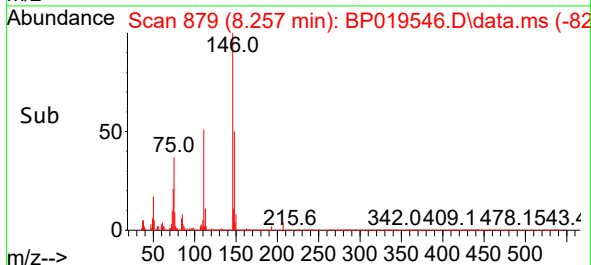
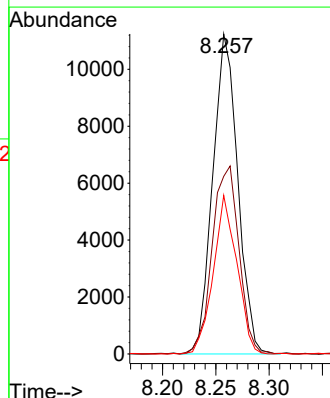
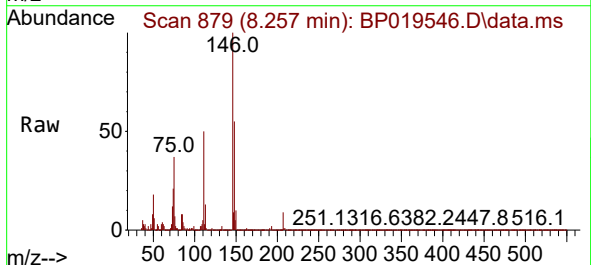
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

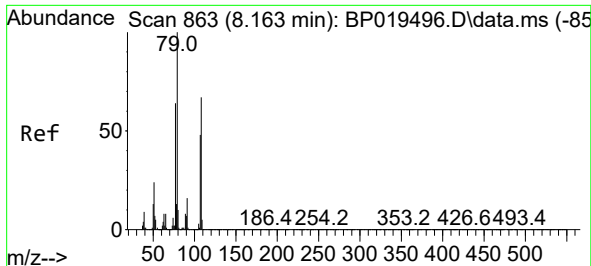
Tgt Ion:146 Resp: 19291
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
111 42.4 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 3.737 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:146 Resp: 18332
Ion Ratio Lower Upper
146 100
148 55.5 51.4 77.0
111 49.5 37.0 55.6

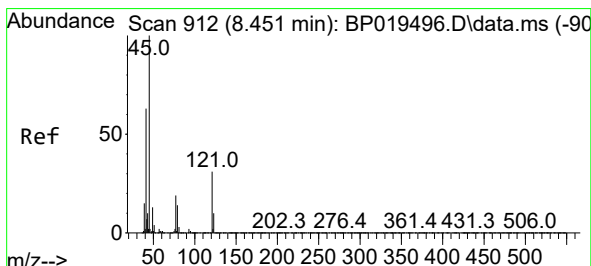
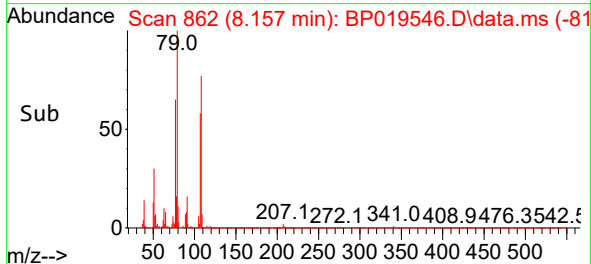
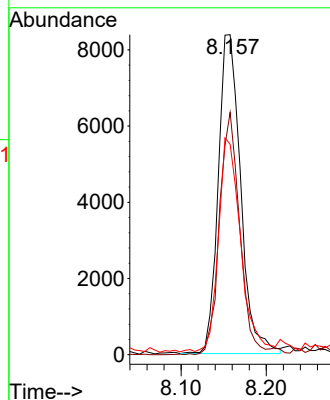
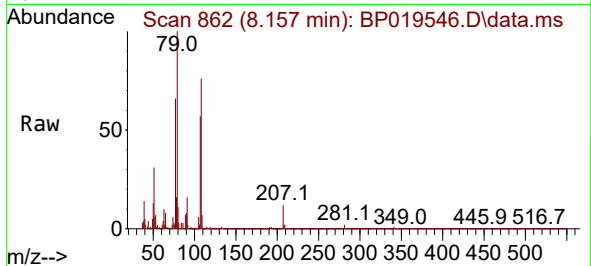




#15
Benzyl Alcohol
Concen: 3.566 ng
RT: 8.157 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

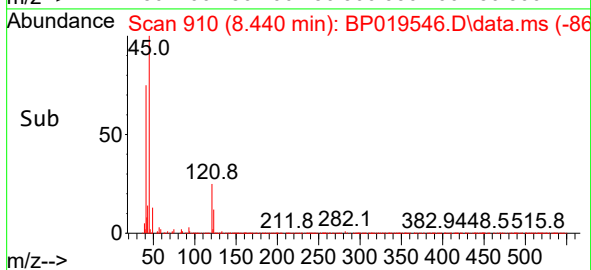
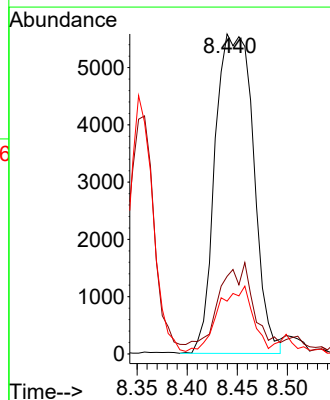
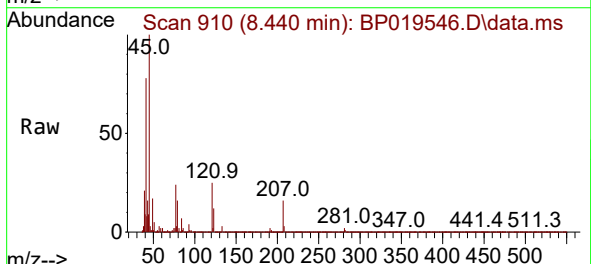
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

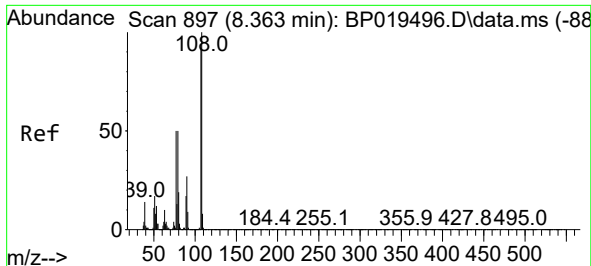
Tgt Ion: 79 Resp: 15304
Ion Ratio Lower Upper
79 100
108 75.7 53.8 80.6
77 65.8 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.560 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 45 Resp: 14827
Ion Ratio Lower Upper
45 100
77 24.2 0.8 40.8
79 16.5 0.0 35.5

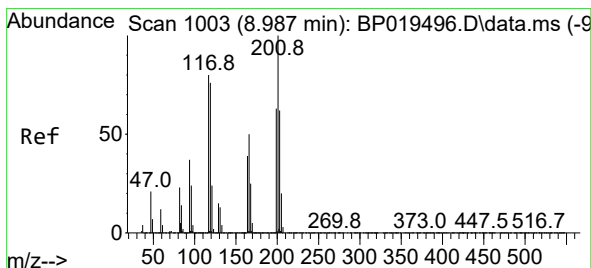
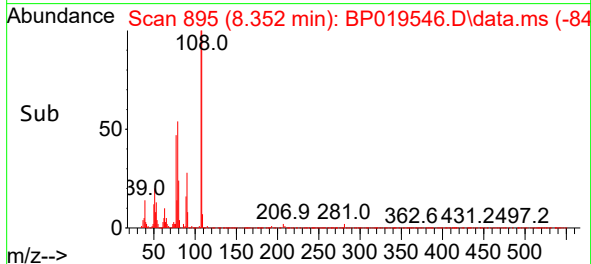
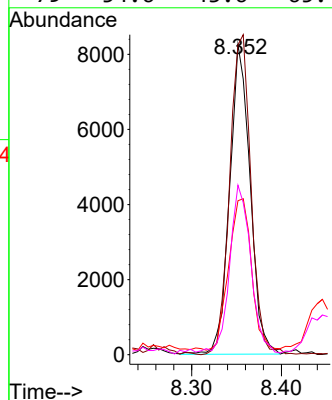
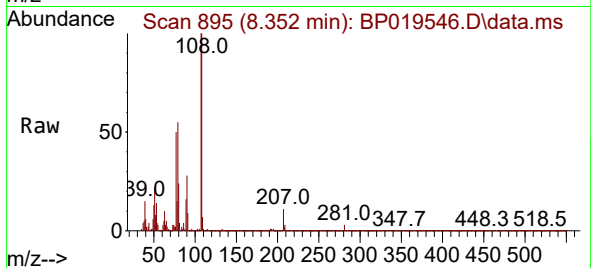




#17
2-Methylphenol
Concen: 3.633 ng
RT: 8.352 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

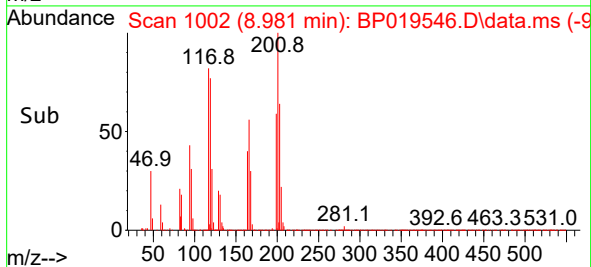
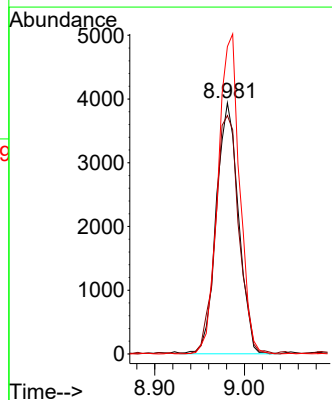
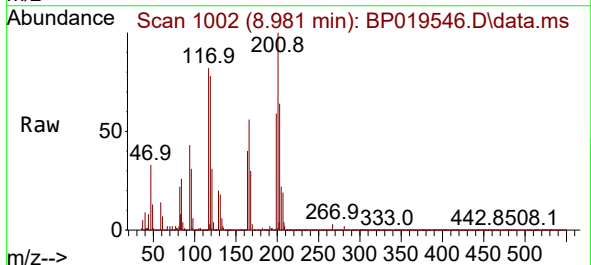
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

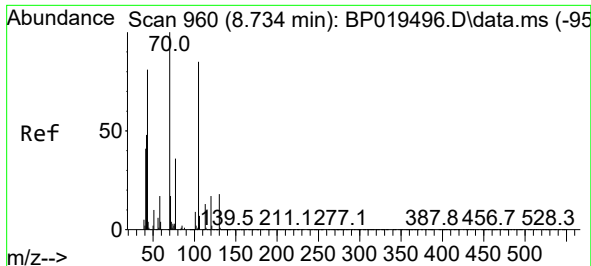
Tgt Ion:	107	Resp:	13092
Ion	Ratio	Lower	Upper
107	100		
108	99.9	87.0	130.6
77	49.6	43.5	65.3
79	54.6	43.6	65.4



#18
Hexachloroethane
Concen: 3.463 ng
RT: 8.981 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	117	Resp:	6804
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.5	113.3
201	122.5	99.4	149.2

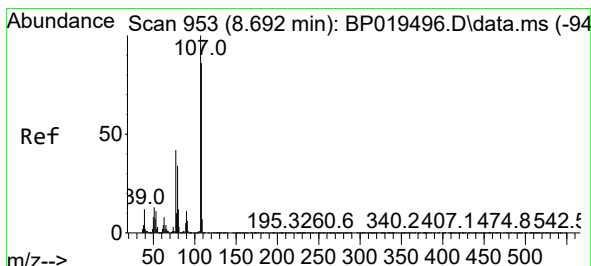
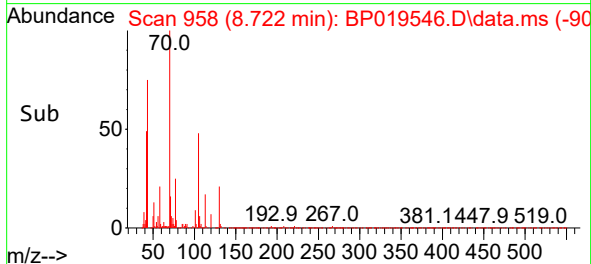
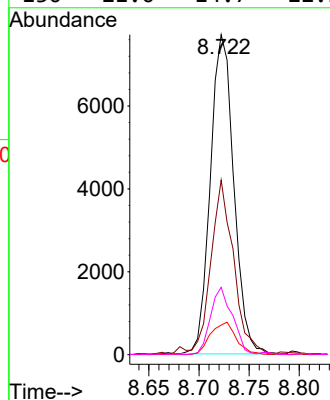
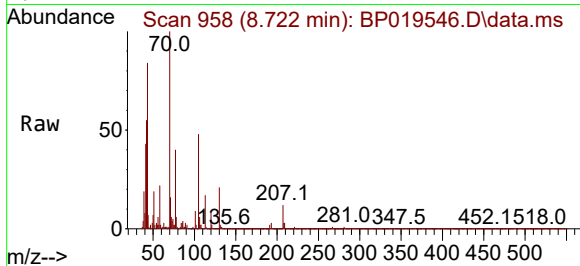




#19
n-Nitroso-di-n-propylamine
Concen: 3.418 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

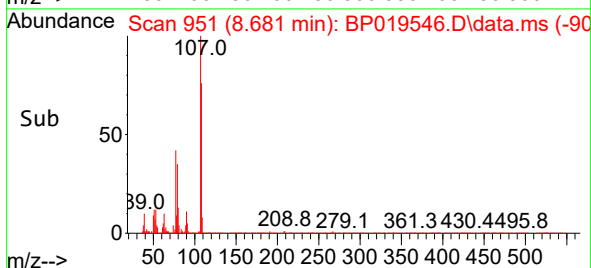
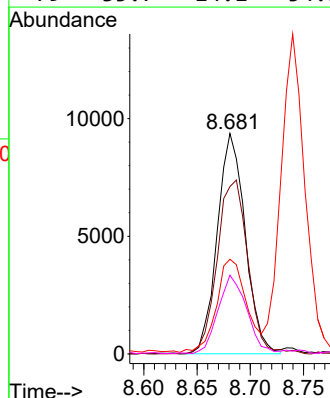
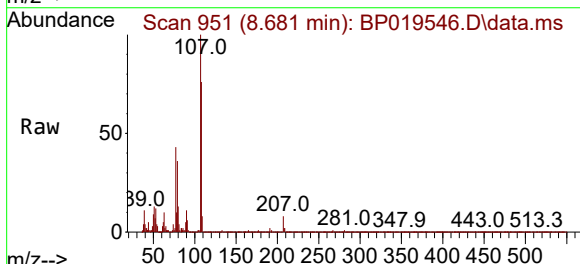
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

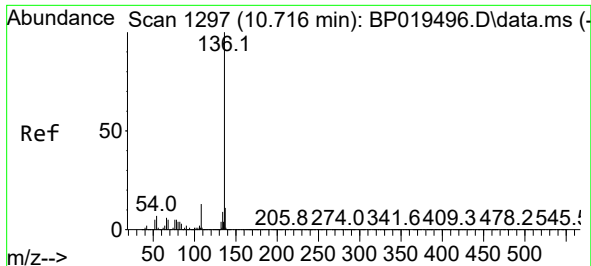
Tgt Ion:	70	Resp:	12538
Ion	Ratio	Lower	Upper
70	100		
42	54.5	39.2	58.8
101	9.2	7.3	10.9
130	21.0	14.7	22.1



#20
3+4-Methylphenols
Concen: 3.476 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	107	Resp:	17097
Ion	Ratio	Lower	Upper
107	100		
108	75.9	65.5	105.5
77	43.0	21.8	61.8
79	35.7	14.1	54.1

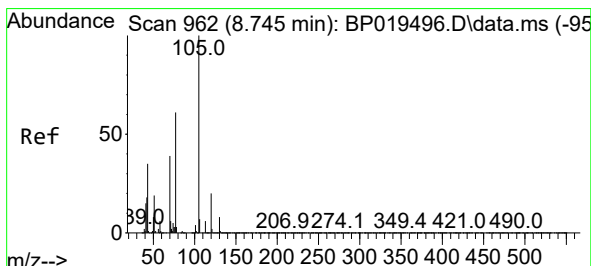
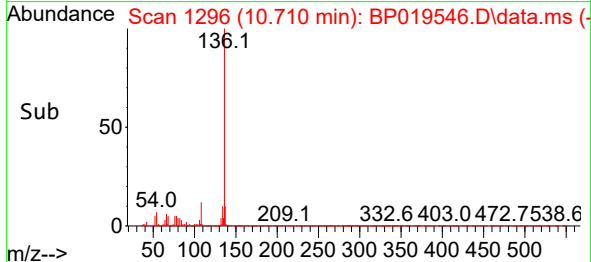
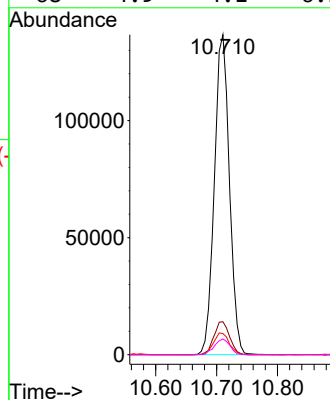
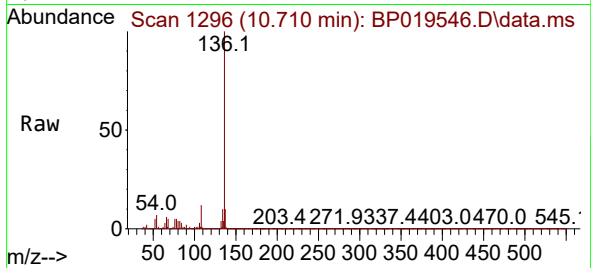




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

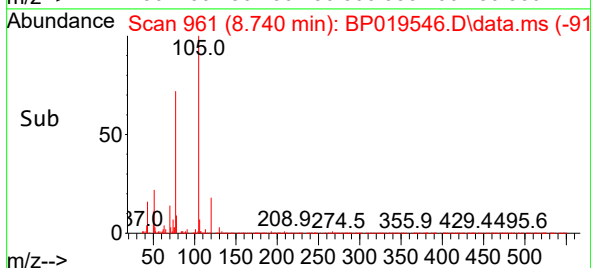
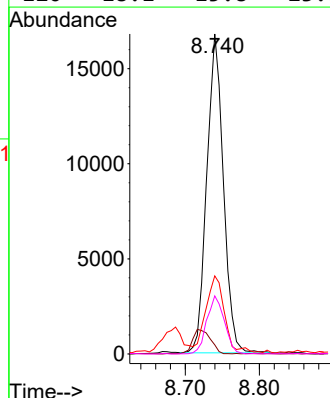
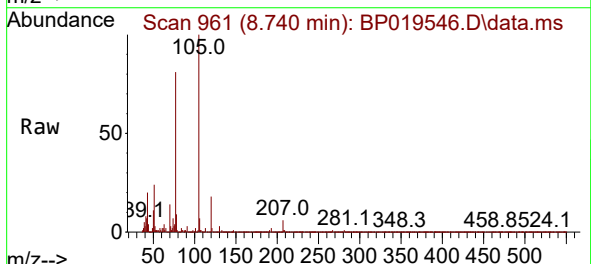
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

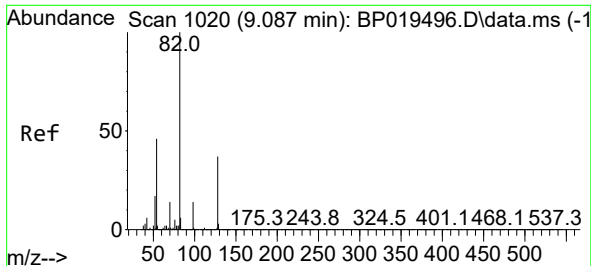
Tgt Ion:	136	Resp:	234501
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.6	5.3	7.9
68	4.9	4.1	6.1



#22
Acetophenone
Concen: 3.913 ng
RT: 8.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	105	Resp:	26143
Ion	Ratio	Lower	Upper
105	100		
71	2.9	4.9	7.3#
51	24.4	20.7	31.1
120	18.1	15.8	23.8





#23

Nitrobenzene-d5

Concen: 78.186 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

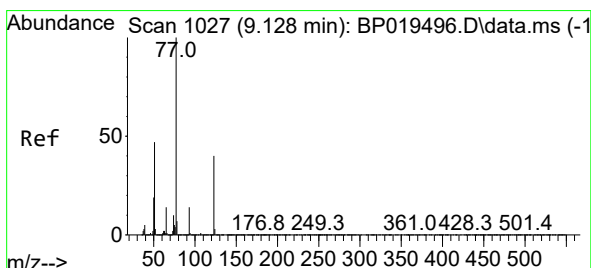
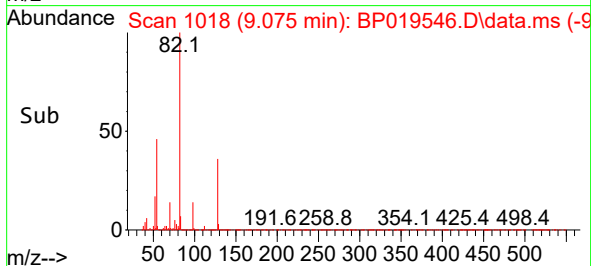
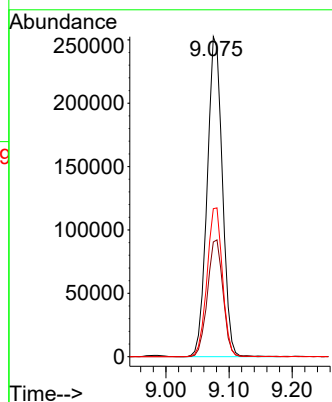
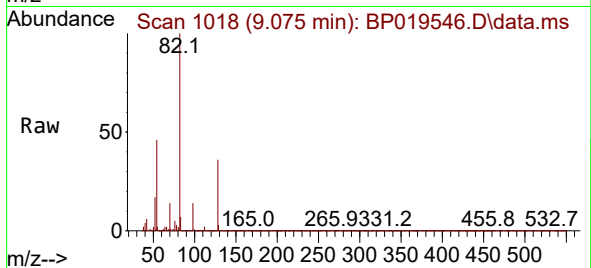
Tgt Ion: 82 Resp: 423125

Ion Ratio Lower Upper

82 100

128 35.8 29.7 44.5

54 46.3 36.8 55.2



#24

Nitrobenzene

Concen: 3.791 ng

RT: 9.122 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

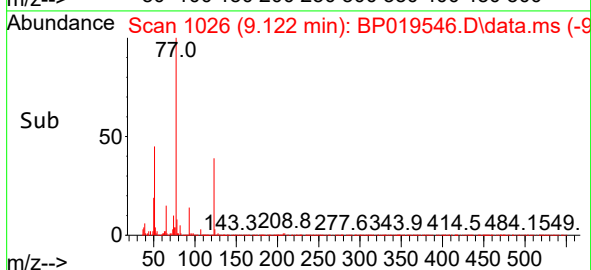
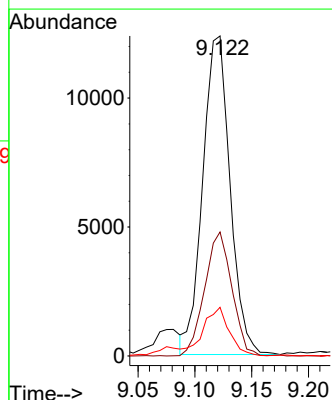
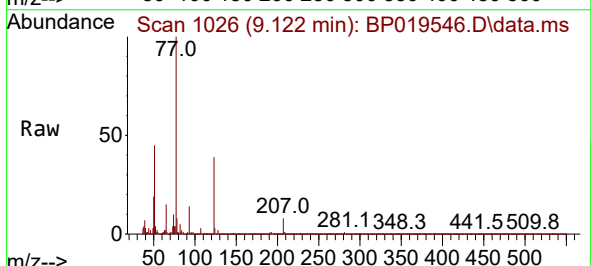
Tgt Ion: 77 Resp: 20657

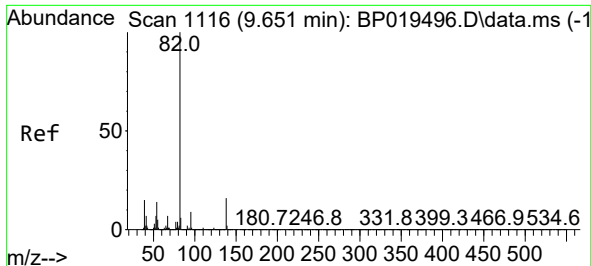
Ion Ratio Lower Upper

77 100

123 38.8 32.3 48.5

65 15.2 11.6 17.4

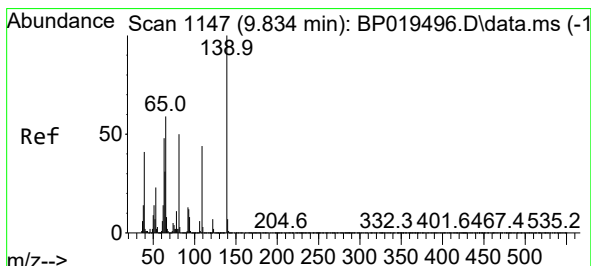
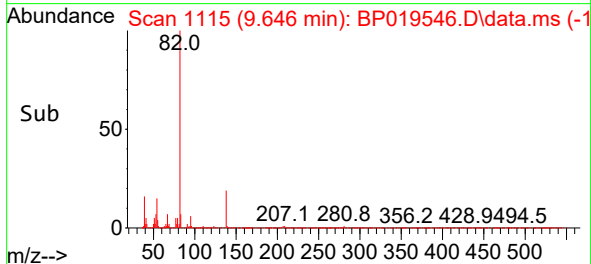
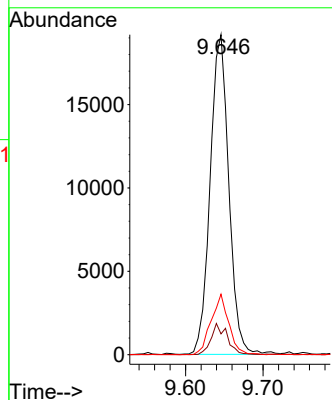
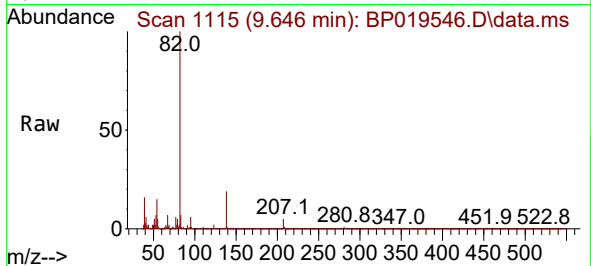




#25
Isophorone
Concen: 3.414 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

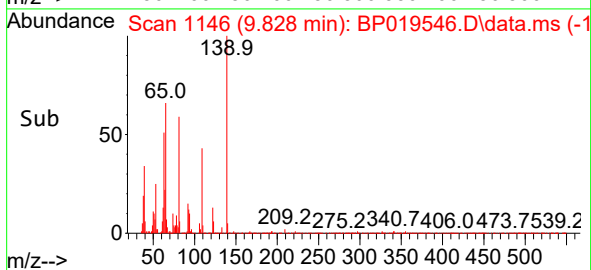
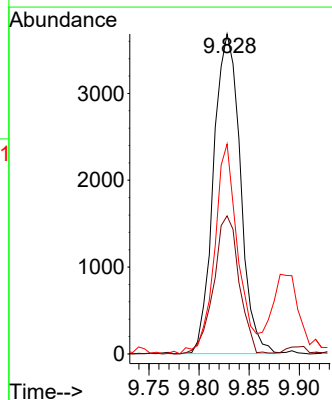
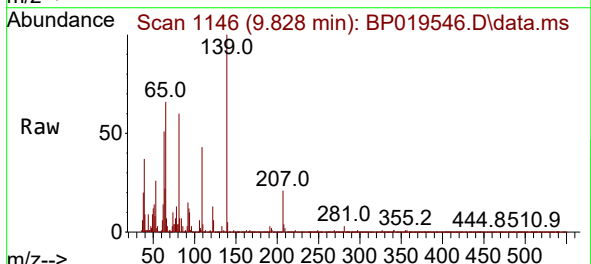
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

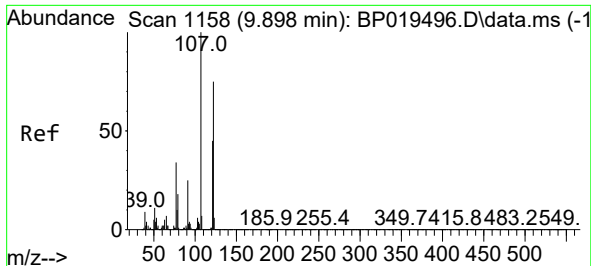
Tgt Ion: 82 Resp: 32174
Ion Ratio Lower Upper
82 100
95 6.5 7.0 10.4#
138 18.9 13.1 19.7



#26
2-Nitrophenol
Concen: 3.287 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:139 Resp: 6830
Ion Ratio Lower Upper
139 100
109 43.1 34.9 52.3
65 65.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 4.361 ng

RT: 9.887 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

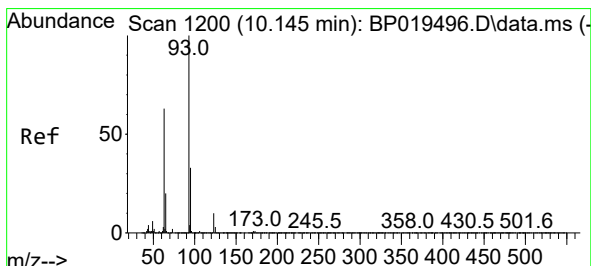
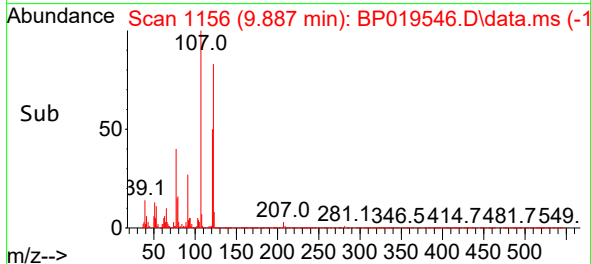
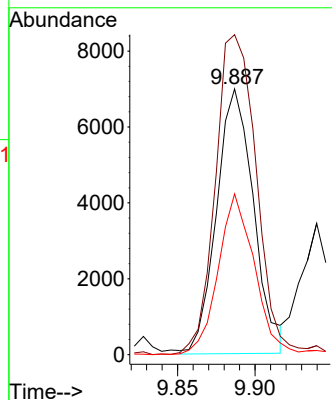
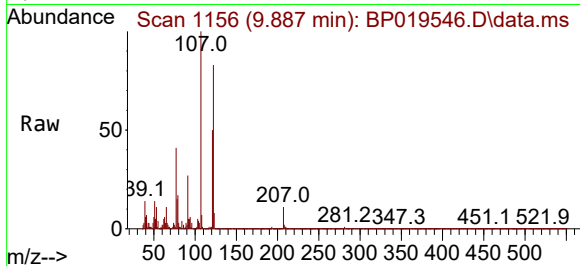
Tgt Ion:122 Resp: 11585

Ion Ratio Lower Upper

122 100

107 120.4 105.9 158.9

121 60.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 3.571 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

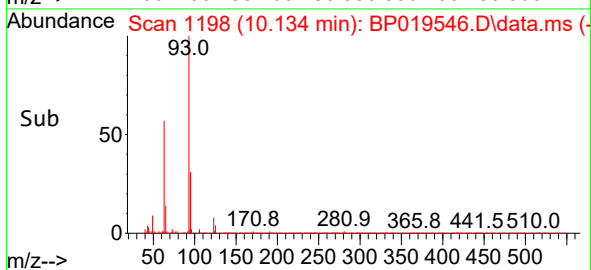
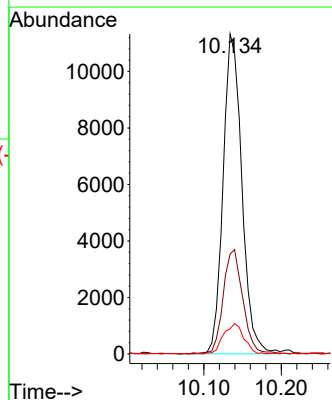
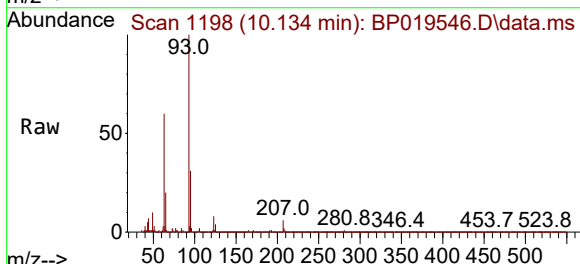
Tgt Ion: 93 Resp: 19043

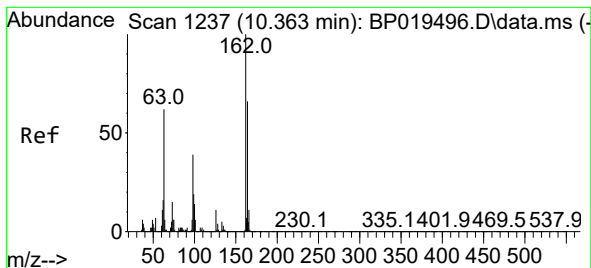
Ion Ratio Lower Upper

93 100

95 31.3 26.2 39.4

123 7.9 8.5 12.7#





#29

2,4-Dichlorophenol

Concen: 3.630 ng

RT: 10.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

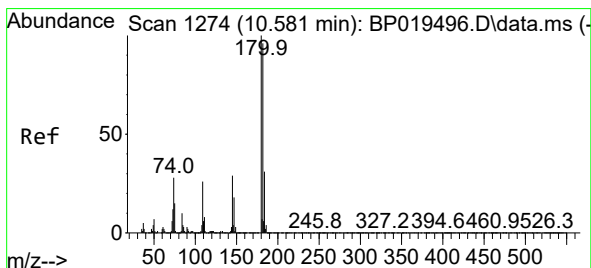
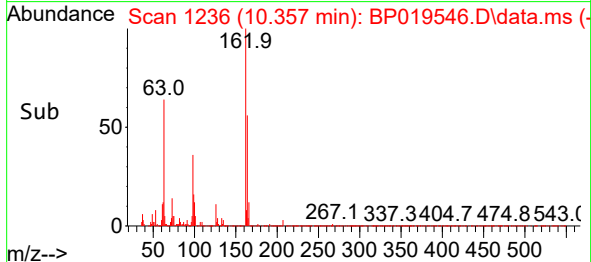
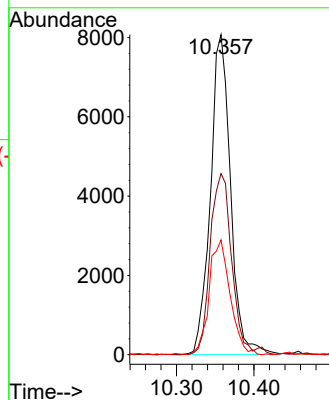
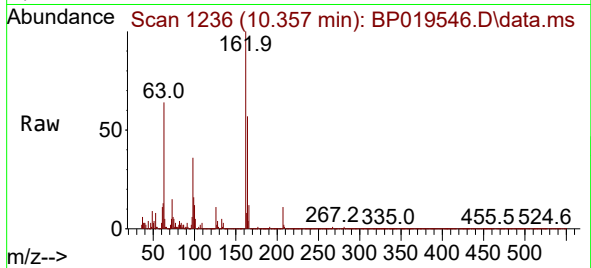
Tgt Ion:162 Resp: 14576

Ion Ratio Lower Upper

162 100

164 56.6 46.0 86.0

98 35.8 18.7 58.7



#30

1,2,4-Trichlorobenzene

Concen: 3.752 ng

RT: 10.575 min Scan# 1273

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

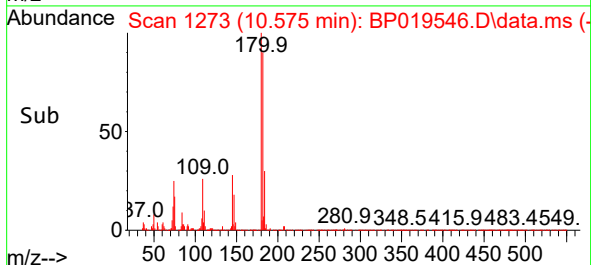
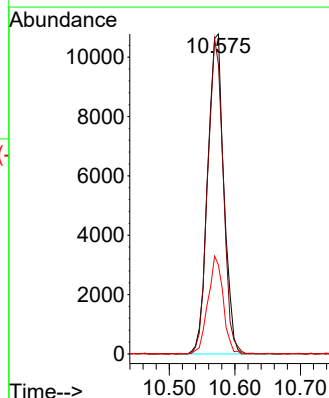
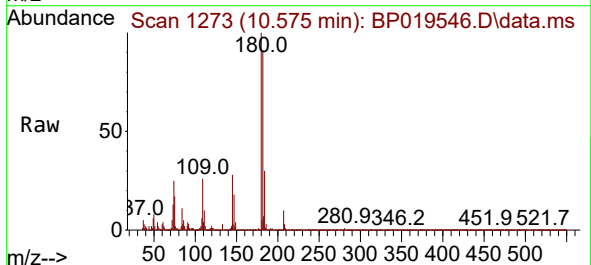
Tgt Ion:180 Resp: 18473

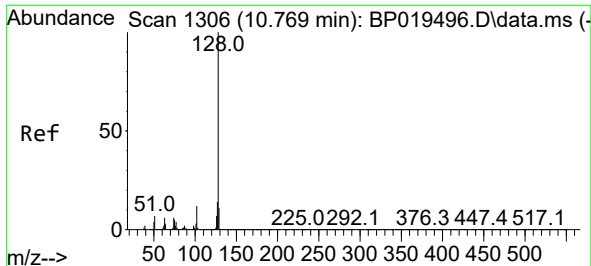
Ion Ratio Lower Upper

180 100

182 90.5 77.0 115.6

145 27.8 23.2 34.8

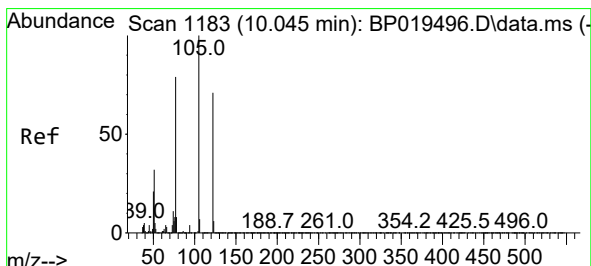
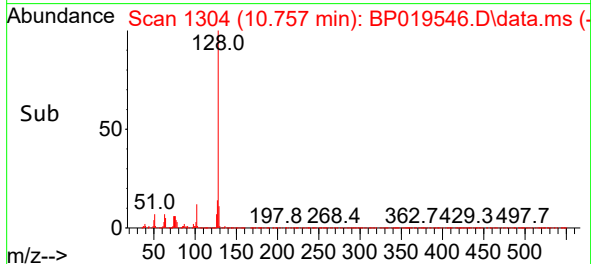
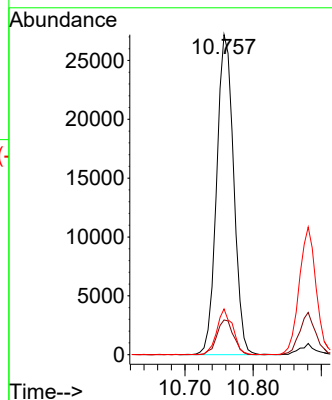
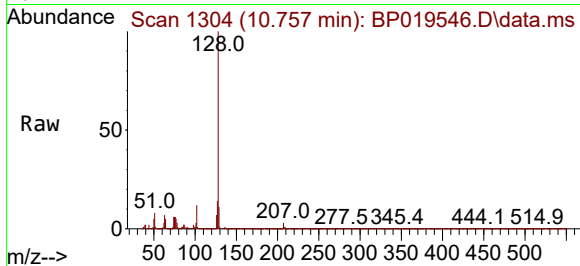




#31
Naphthalene
Concen: 3.666 ng
RT: 10.757 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

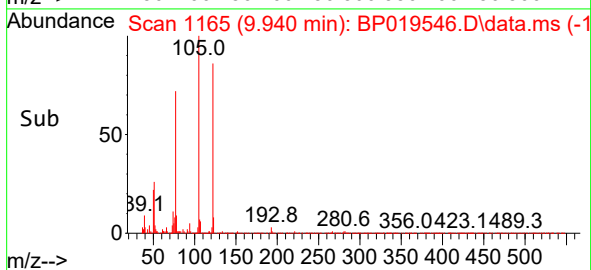
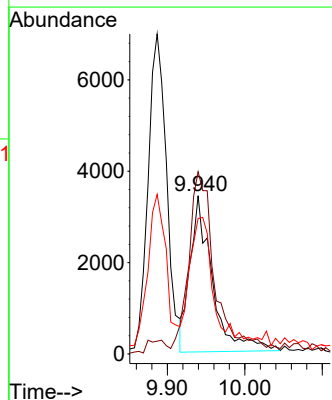
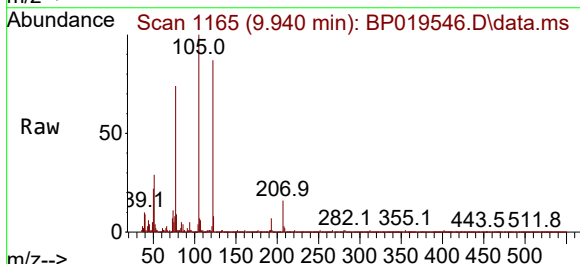
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

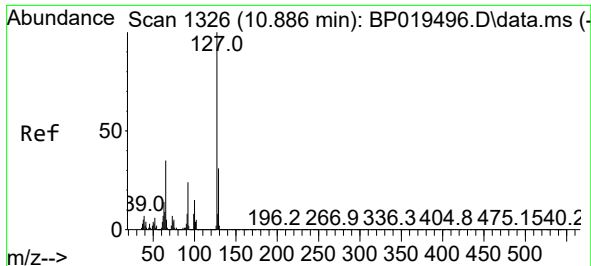
Tgt Ion:128 Resp: 47148
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 14.3 10.8 16.2



#32
Benzoic acid
Concen: 2.647 ng
RT: 9.940 min Scan# 1165
Delta R.T. -0.106 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:122 Resp: 6851
Ion Ratio Lower Upper
122 100
105 115.3 118.8 158.8#
77 85.7 91.7 131.7#

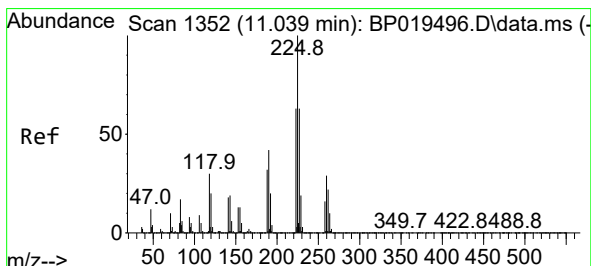
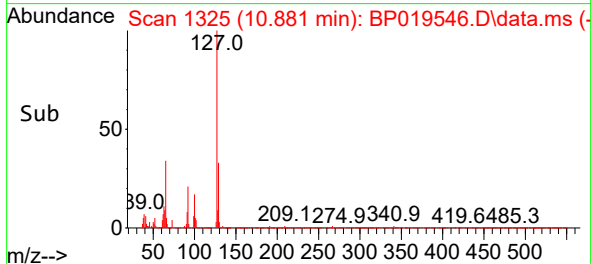
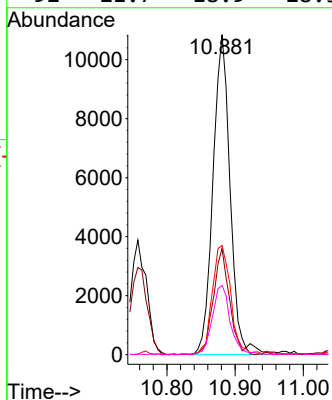
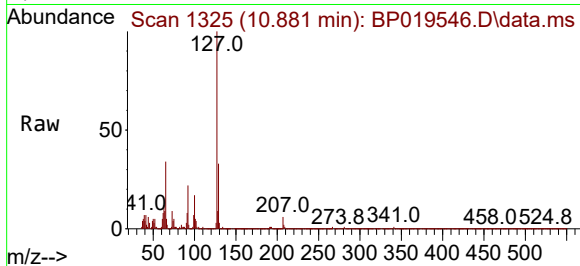




#33
4-Chloroaniline
Concen: 3.999 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

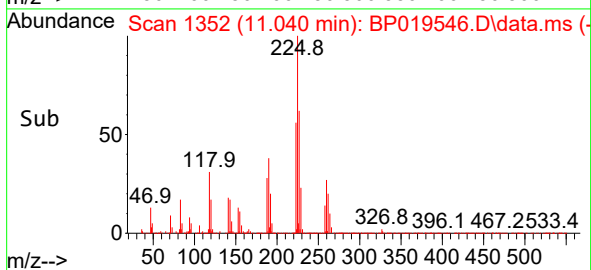
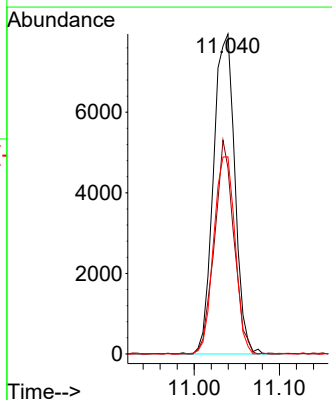
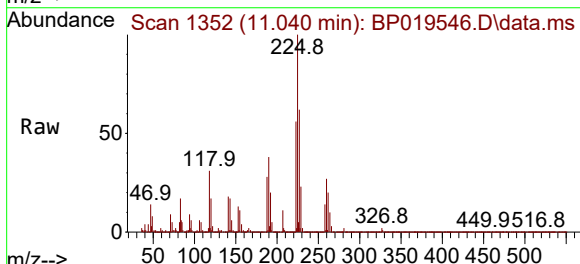
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

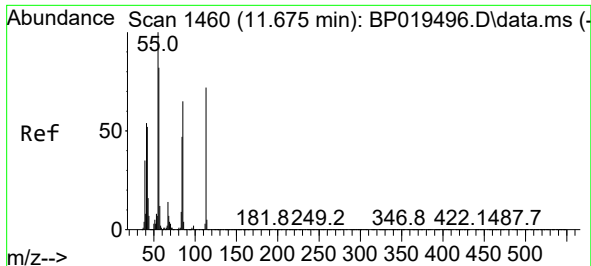
Tgt Ion:	127	Resp:	19020
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.6	36.8
65	34.1	28.2	42.4
92	21.7	18.9	28.3



#34
Hexachlorobutadiene
Concen: 3.800 ng
RT: 11.040 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:	225	Resp:	13867
Ion	Ratio	Lower	Upper
225	100		
223	58.2	50.5	75.7
227	61.6	50.2	75.2

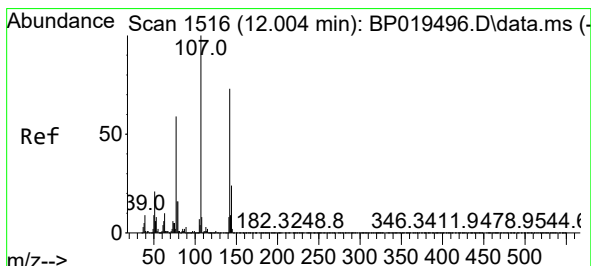
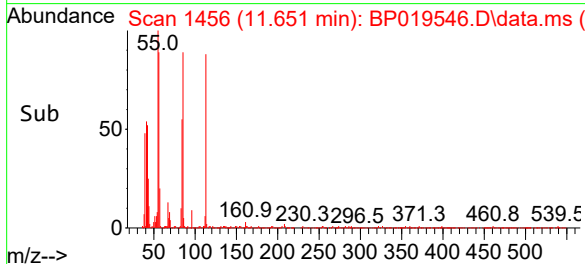
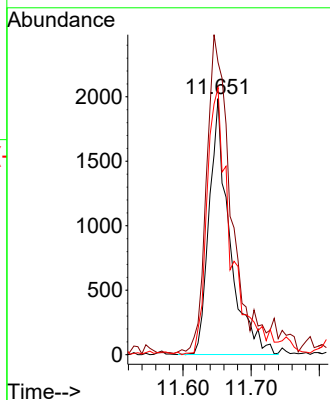
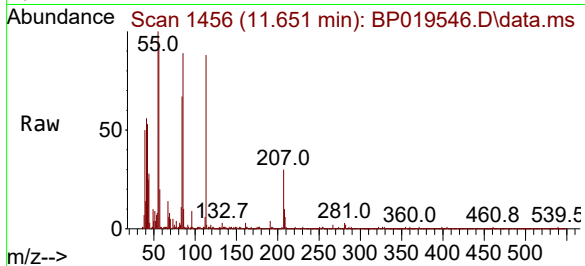




#35
Caprolactam
Concen: 3.624 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.023 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

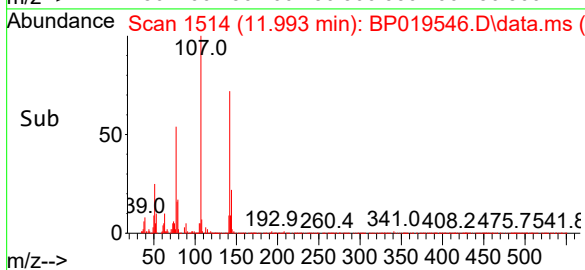
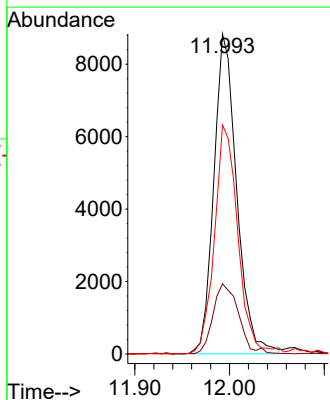
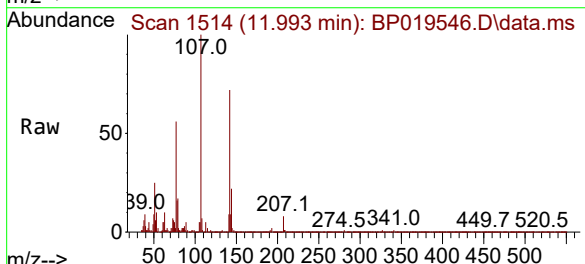
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

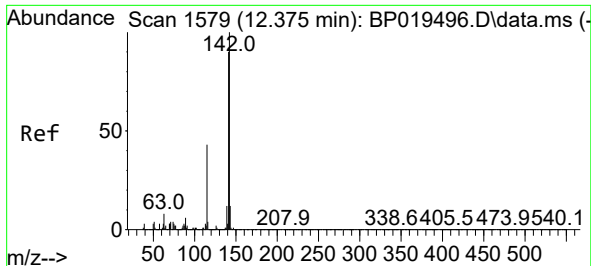
Tgt Ion:113 Resp: 4120
Ion Ratio Lower Upper
113 100
55 114.1 120.0 160.0#
56 104.2 94.0 134.0



#36
4-Chloro-3-methylphenol
Concen: 3.384 ng
RT: 11.993 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:107 Resp: 14817
Ion Ratio Lower Upper
107 100
144 21.9 19.0 28.4
142 71.5 58.6 88.0

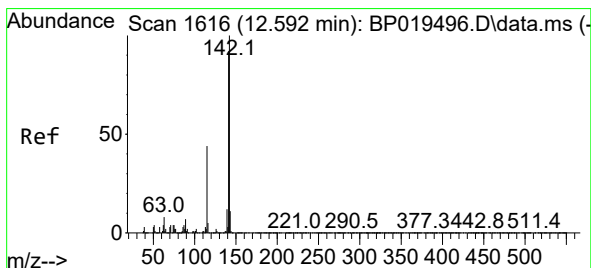
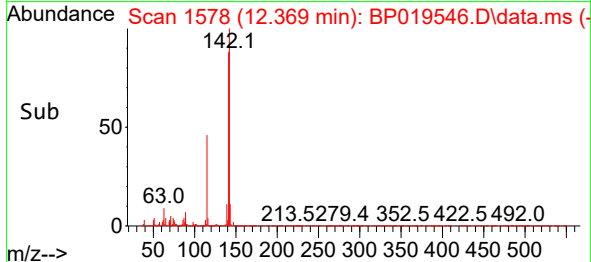
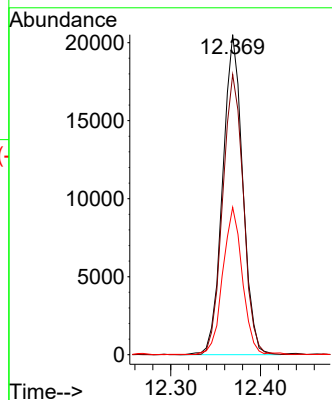
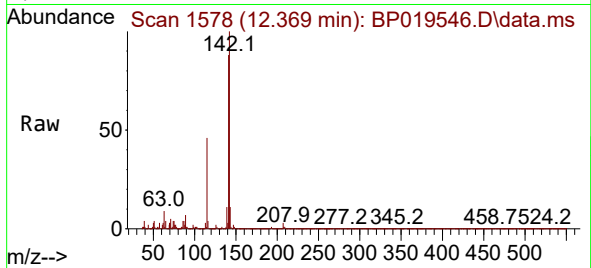




#37
2-Methylnaphthalene
Concen: 3.580 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

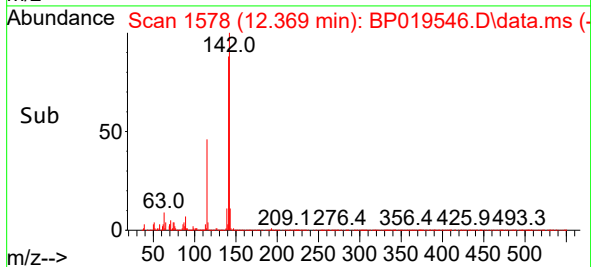
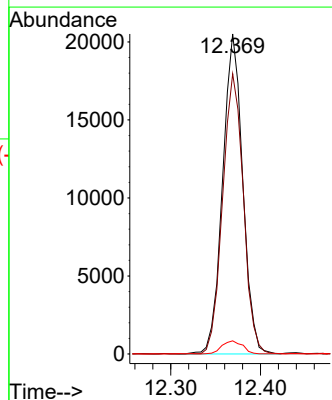
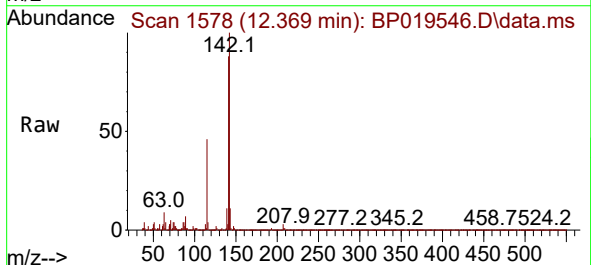
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

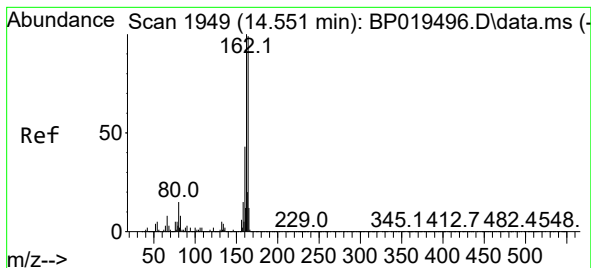
Tgt Ion:142 Resp: 31860
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.4
115 46.0 34.2 51.2



#38
1-Methylnaphthalene
Concen: 3.642 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.223 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:142 Resp: 31860
Ion Ratio Lower Upper
142 100
141 87.6 74.0 111.0
116 4.1 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

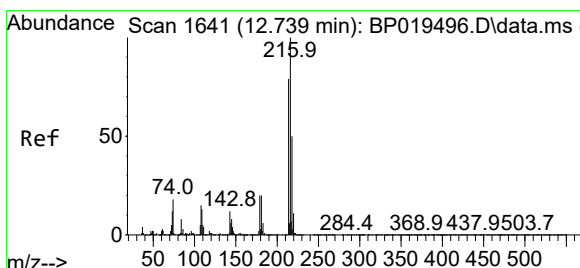
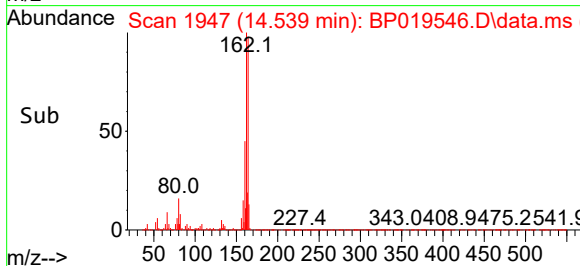
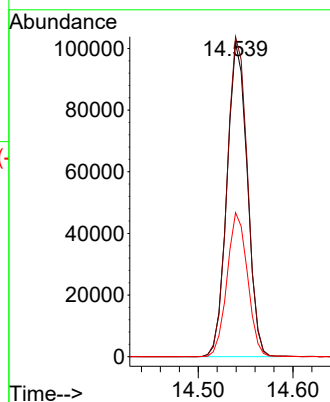
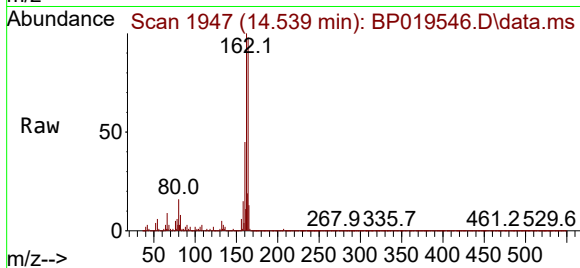
Tgt Ion:164 Resp: 151691

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 45.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.832 ng

RT: 12.728 min Scan# 1639

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:216 Resp: 22420

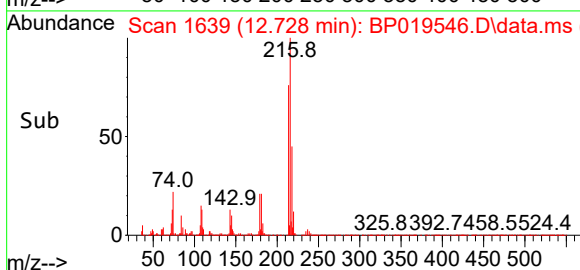
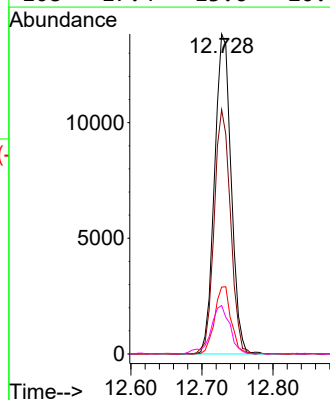
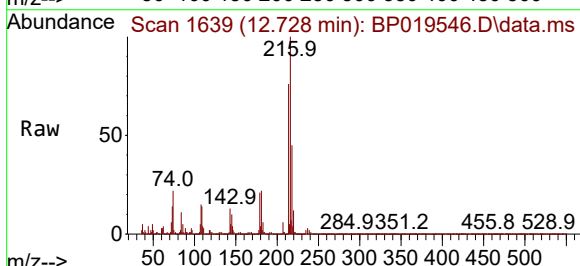
Ion Ratio Lower Upper

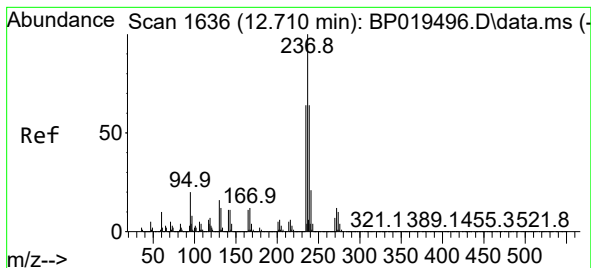
216 100

214 75.1 62.8 94.2

179 20.8 16.6 24.8

108 17.4 13.6 20.4





#41

Hexachlorocyclopentadiene

Concen: 4.489 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

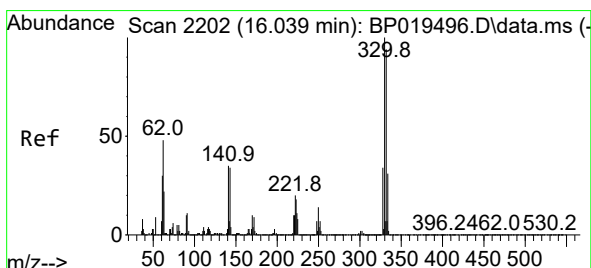
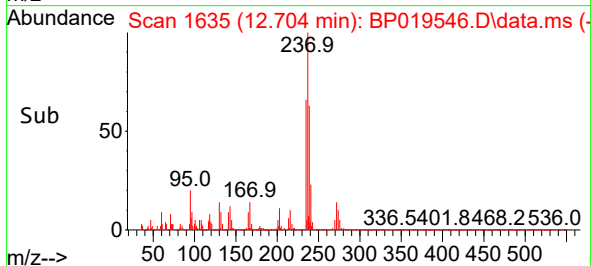
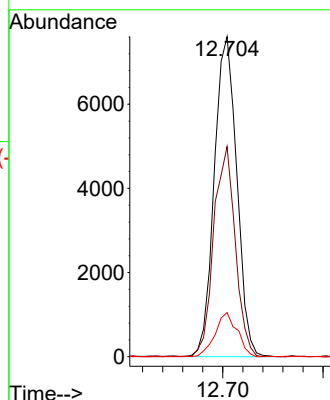
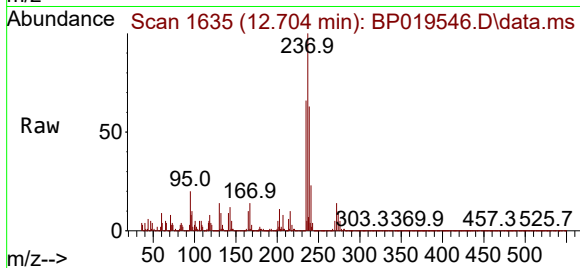
Tgt Ion:237 Resp: 11863

Ion Ratio Lower Upper

237 100

235 65.6 43.7 83.7

272 13.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 150.025 ng

RT: 16.034 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

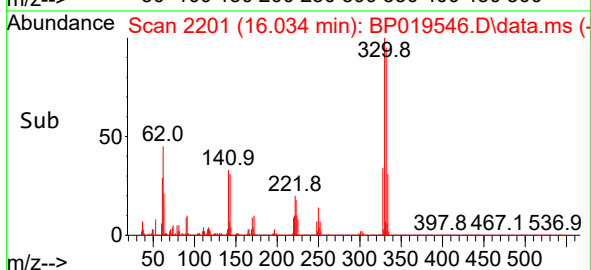
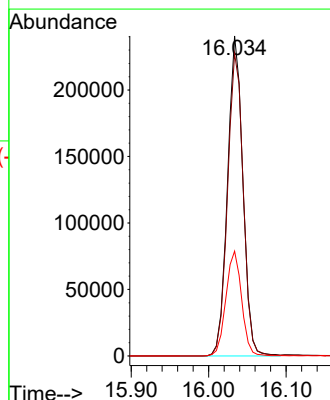
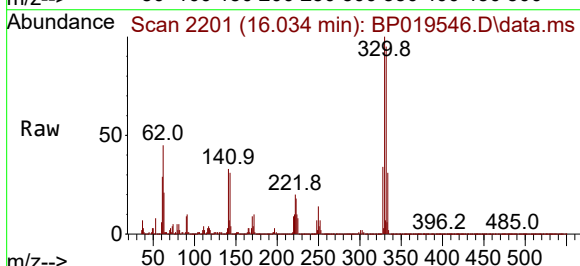
Tgt Ion:330 Resp: 332274

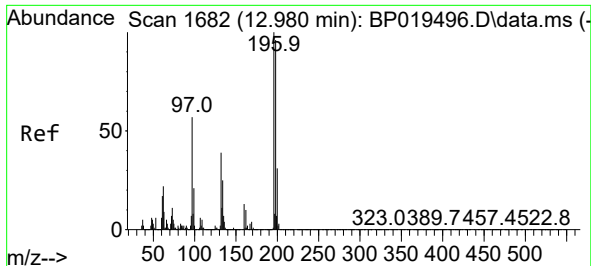
Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 33.6 27.0 40.4

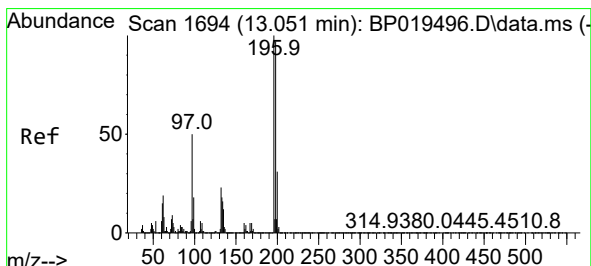
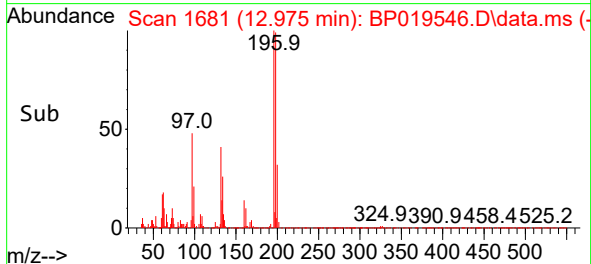
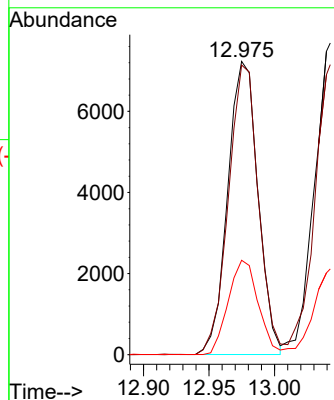
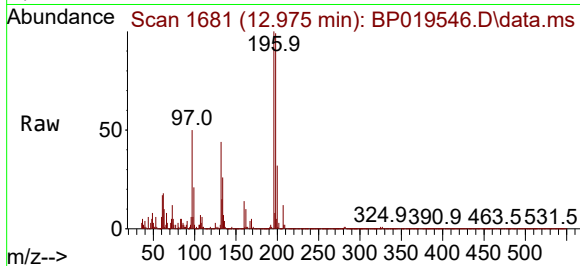




#43
2,4,6-Trichlorophenol
Concen: 3.278 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

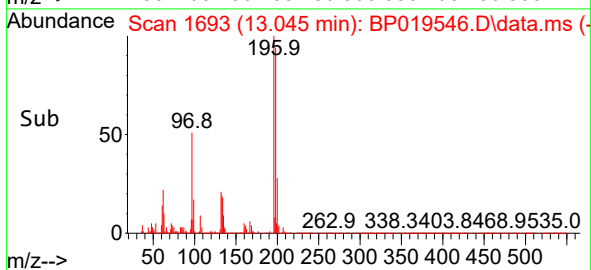
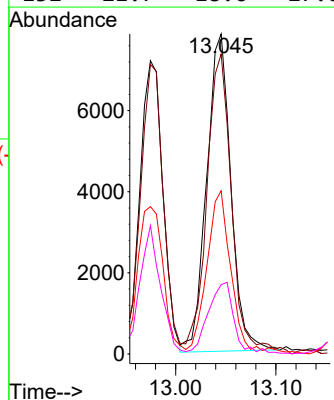
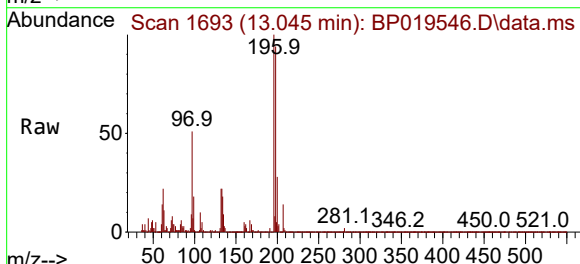
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

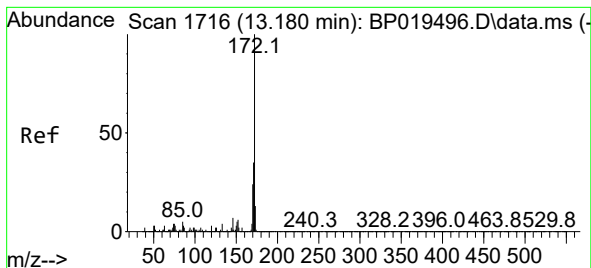
Tgt Ion:196 Resp: 11613
Ion Ratio Lower Upper
196 100
198 98.7 76.7 115.1
200 33.4 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 3.388 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:196 Resp: 13178
Ion Ratio Lower Upper
196 100
198 93.8 77.5 116.3
97 51.0 39.9 59.9
132 21.7 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 77.275 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

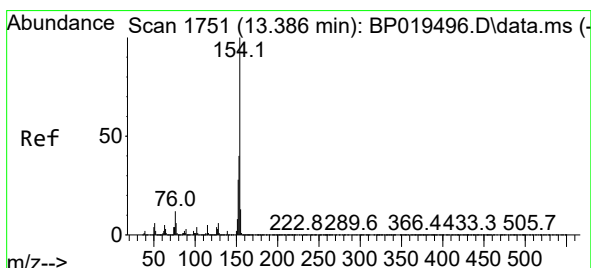
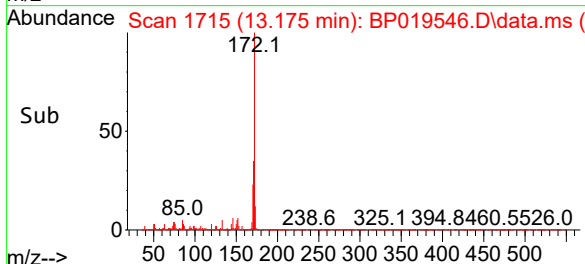
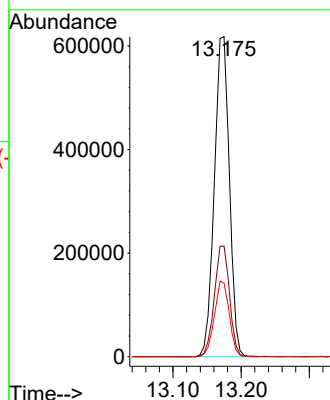
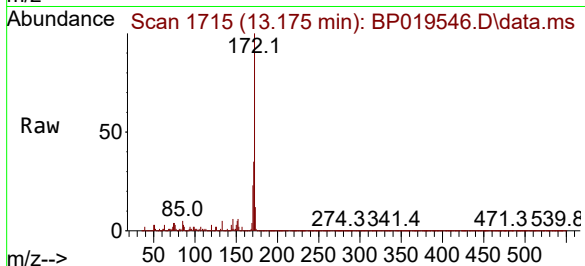
Tgt Ion:172 Resp: 948203

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 3.694 ng

RT: 13.381 min Scan# 1750

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

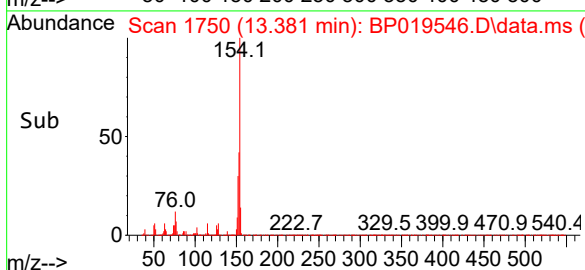
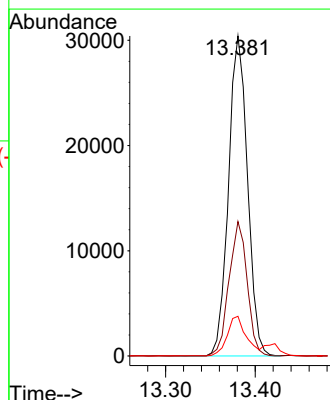
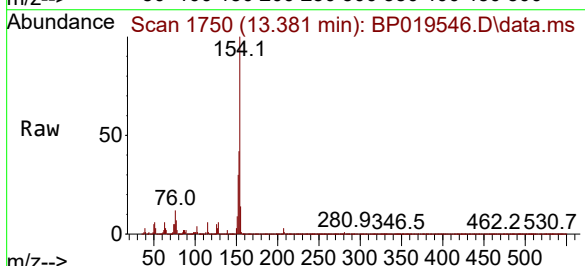
Tgt Ion:154 Resp: 44719

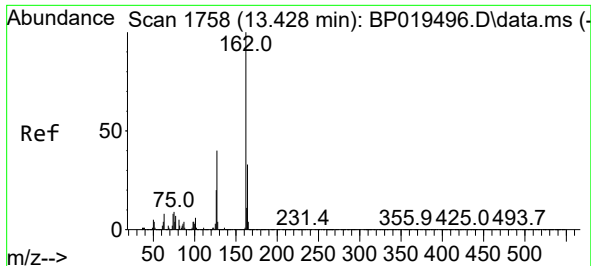
Ion Ratio Lower Upper

154 100

153 42.0 20.2 60.2

76 12.4 0.0 31.6

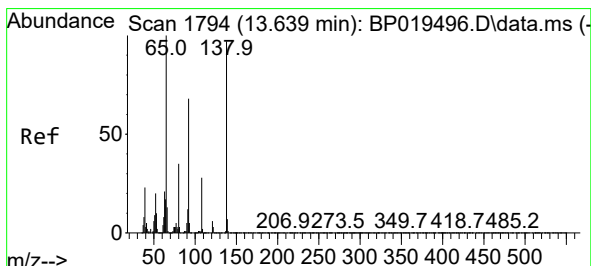
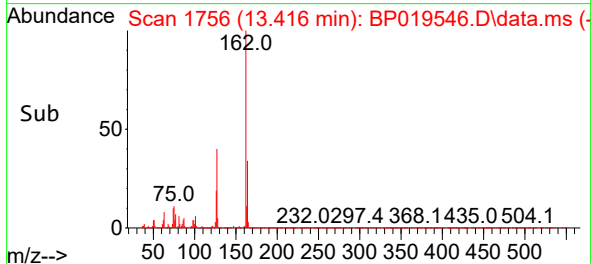
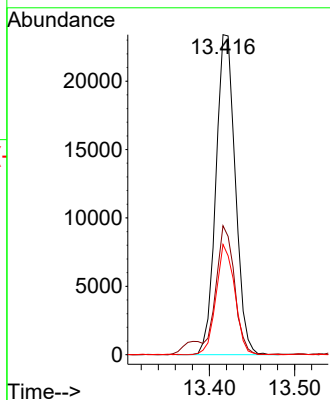
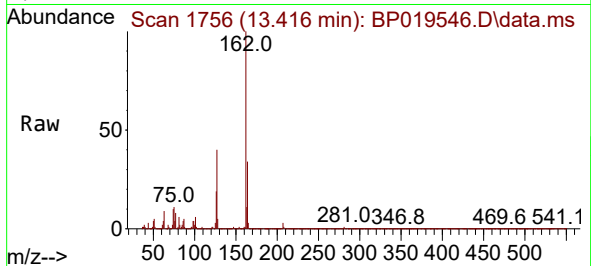




#47
2-Chloronaphthalene
Concen: 3.726 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

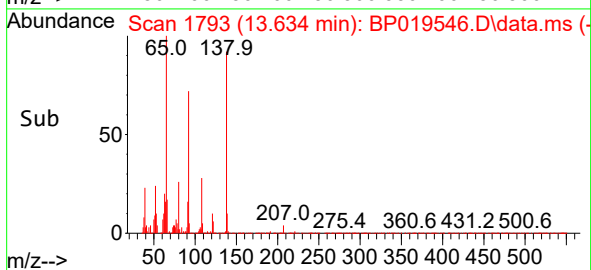
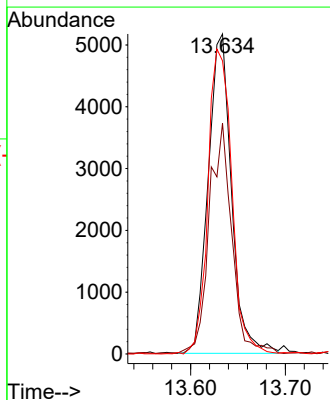
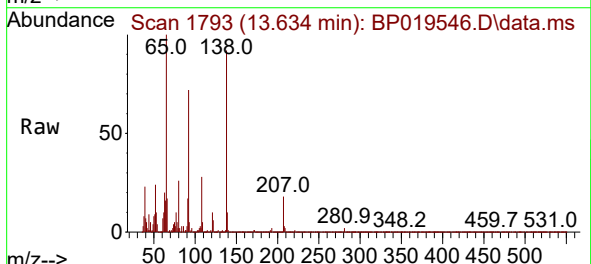
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

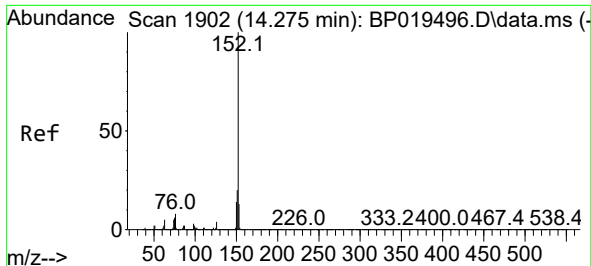
Tgt Ion:162 Resp: 37027
Ion Ratio Lower Upper
162 100
127 40.3 32.1 48.1
164 34.5 26.7 40.1



#48
2-Nitroaniline
Concen: 3.167 ng
RT: 13.634 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 65 Resp: 8802
Ion Ratio Lower Upper
65 100
92 72.2 54.7 82.1
138 91.6 77.8 116.6

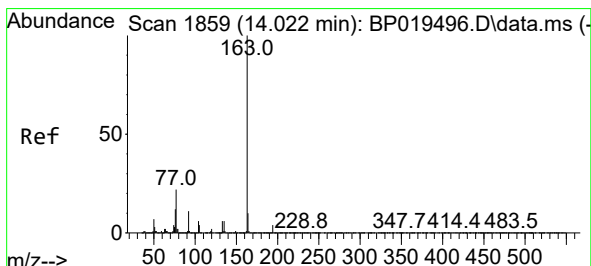
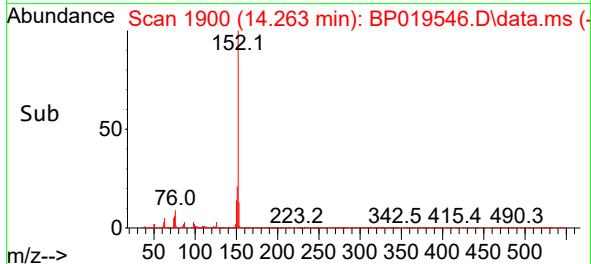
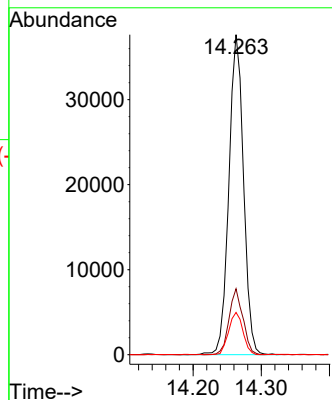
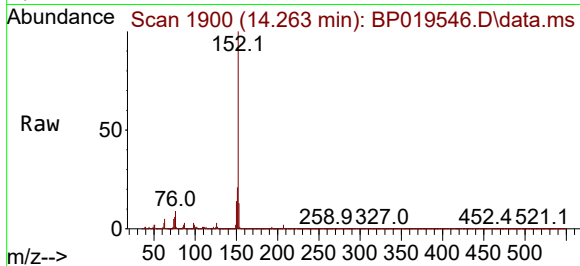




#49
Acenaphthylene
Concen: 4.035 ng
RT: 14.263 min Scan# 1902
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

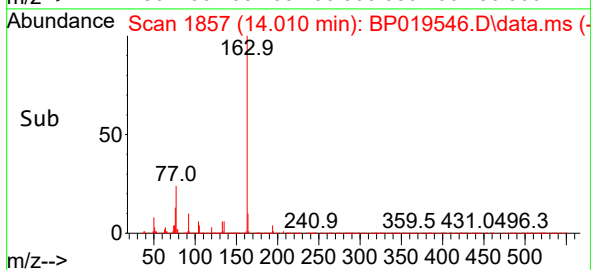
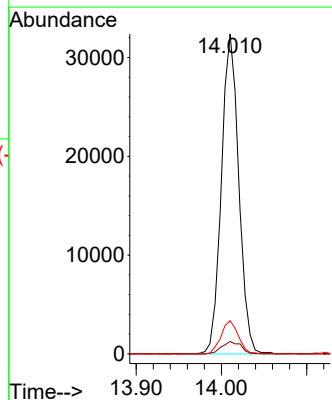
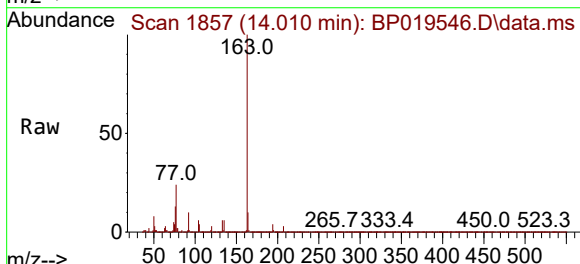
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

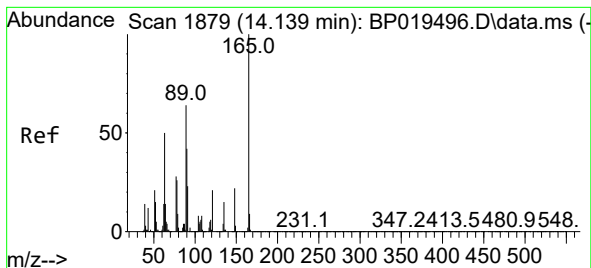
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	13.2	10.6	15.8



#50
Dimethylphthalate
Concen: 3.942 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.4	7.8	11.6

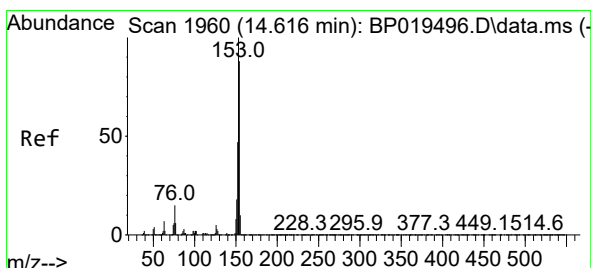
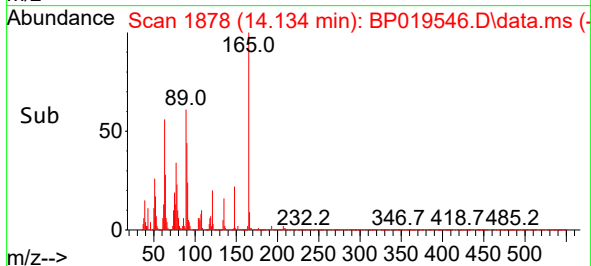
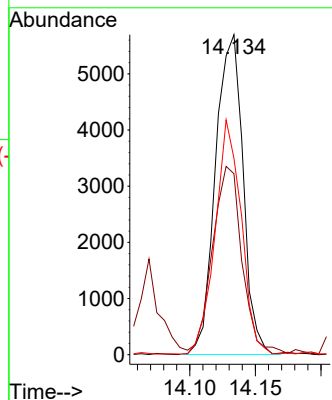
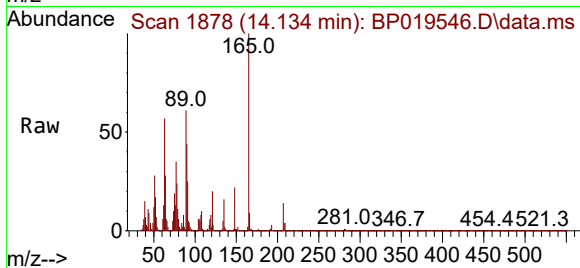




#51
2,6-Dinitrotoluene
Concen: 3.257 ng
RT: 14.134 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

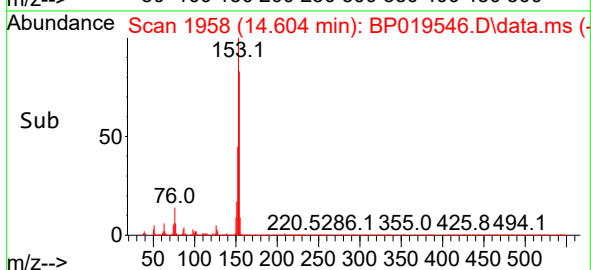
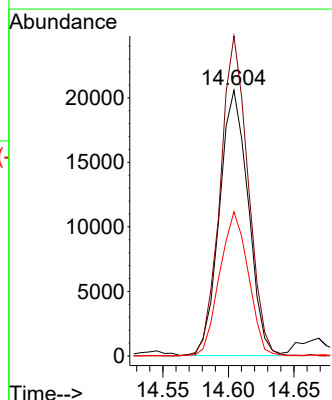
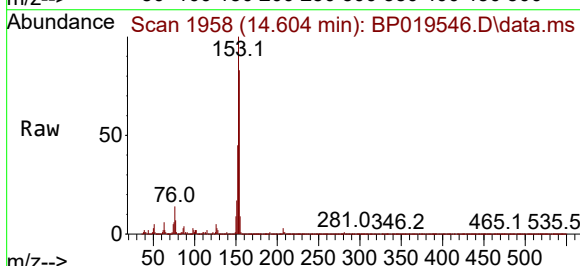
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

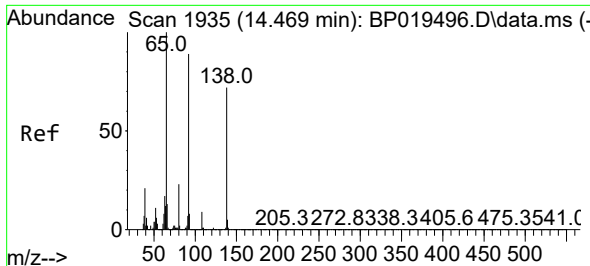
Tgt Ion:165 Resp: 8309
Ion Ratio Lower Upper
165 100
63 56.6 50.4 75.6
89 61.4 51.7 77.5



#52
Acenaphthene
Concen: 3.625 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:154 Resp: 31369
Ion Ratio Lower Upper
154 100
153 120.4 90.5 135.7
152 54.3 42.1 63.1

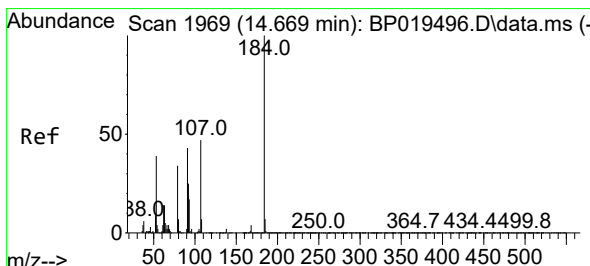
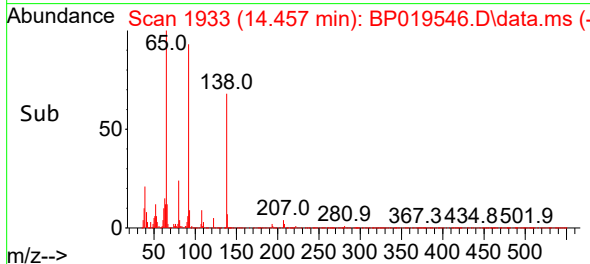
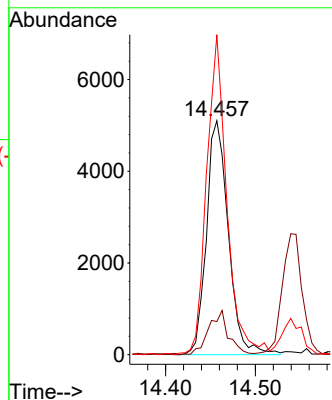
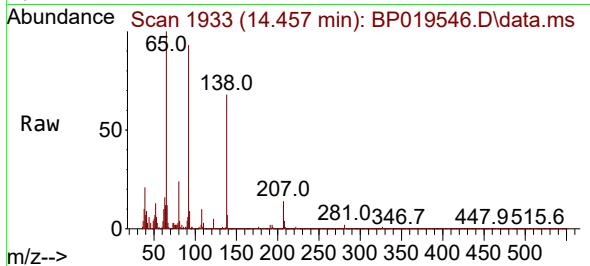




#53
3-Nitroaniline
Concen: 3.687 ng
RT: 14.457 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

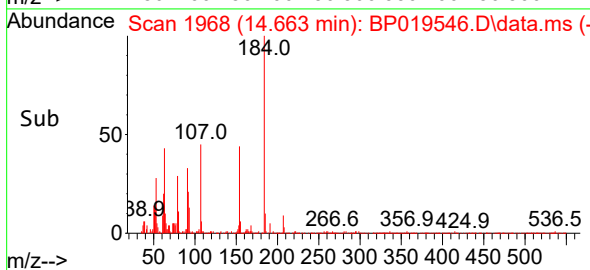
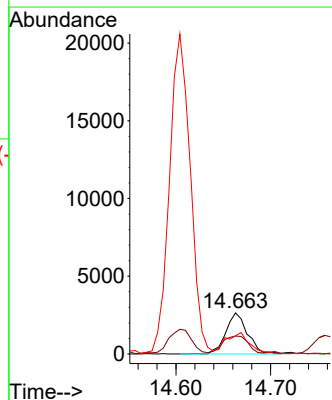
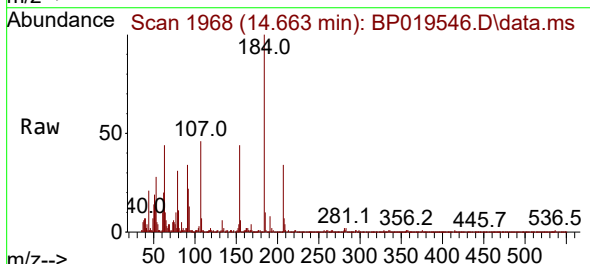
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

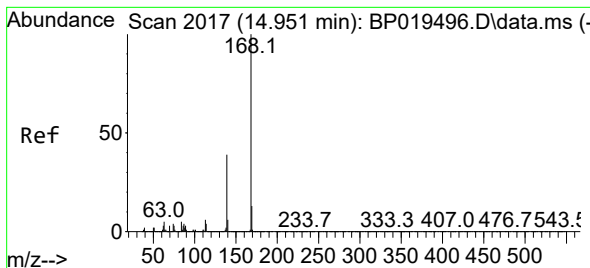
Tgt Ion:138 Resp: 8645
Ion Ratio Lower Upper
138 100
108 14.2 9.7 14.5
92 136.8 98.0 147.0



#54
2,4-Dinitrophenol
Concen: 3.148 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:184 Resp: 4170
Ion Ratio Lower Upper
184 100
63 43.7 50.5 75.7#
154 44.5 53.4 80.0#





#55

Dibenzenofuran

Concen: 3.989 ng

RT: 14.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

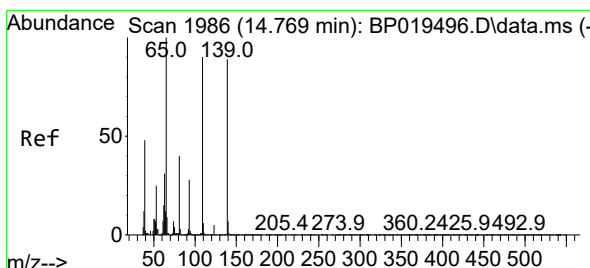
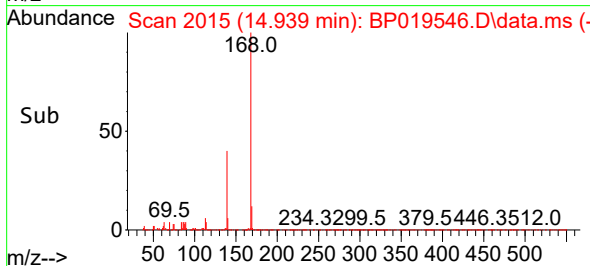
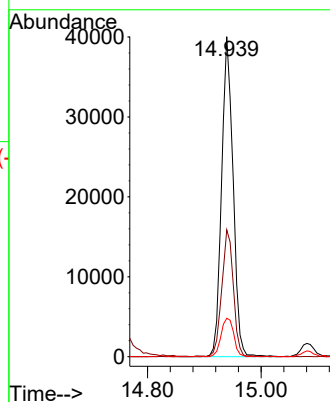
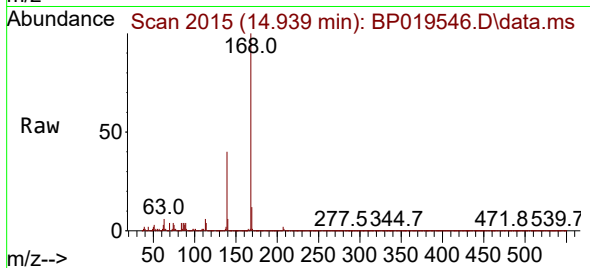
Tgt Ion:168 Resp: 56223

Ion Ratio Lower Upper

168 100

139 39.7 31.5 47.3

169 12.0 10.3 15.5



#56

4-Nitrophenol

Concen: 3.854 ng

RT: 14.757 min Scan# 1984

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

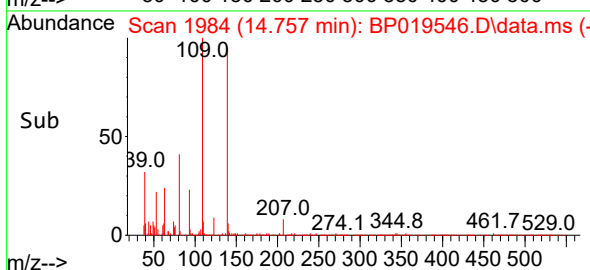
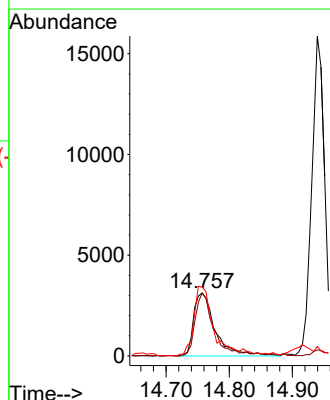
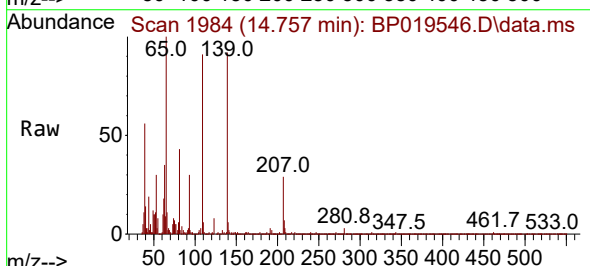
Tgt Ion:139 Resp: 7406

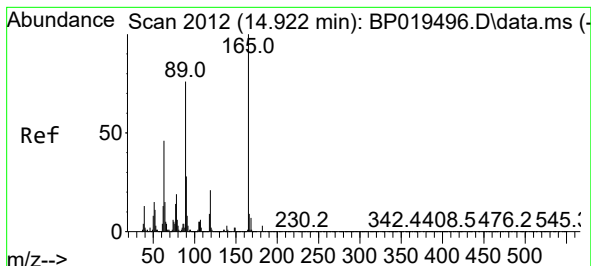
Ion Ratio Lower Upper

139 100

109 99.5 82.0 122.0

65 109.1 92.9 132.9





#57

2,4-Dinitrotoluene

Concen: 3.418 ng

RT: 14.916 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:165 Resp: 11429

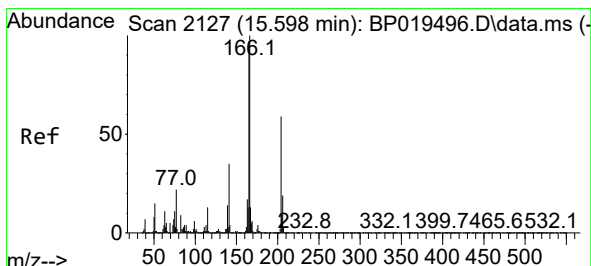
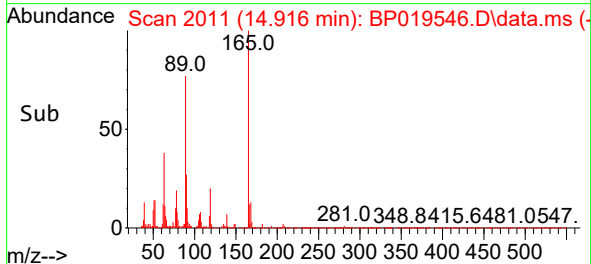
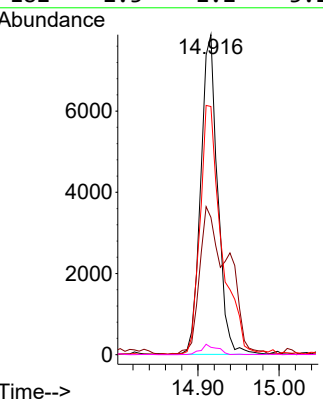
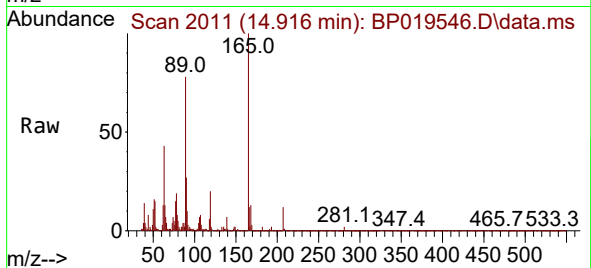
Ion Ratio Lower Upper

165 100

63 42.9 36.9 55.3

89 77.5 61.1 91.7

182 2.3 2.2 3.2



#58

Fluorene

Concen: 3.874 ng

RT: 15.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

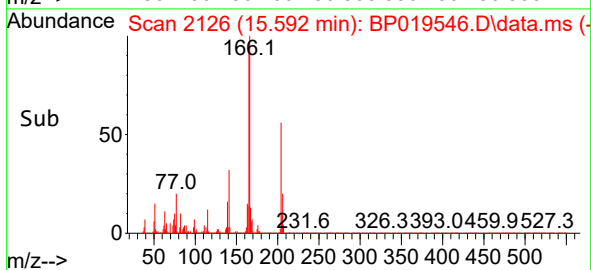
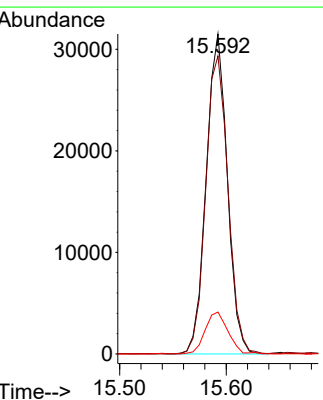
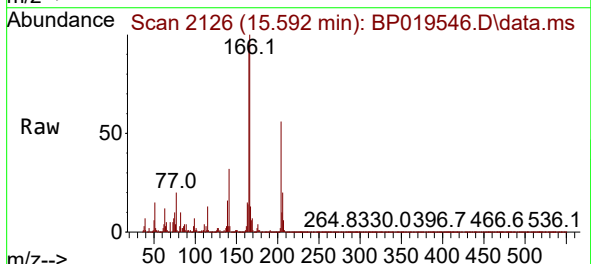
Tgt Ion:166 Resp: 43487

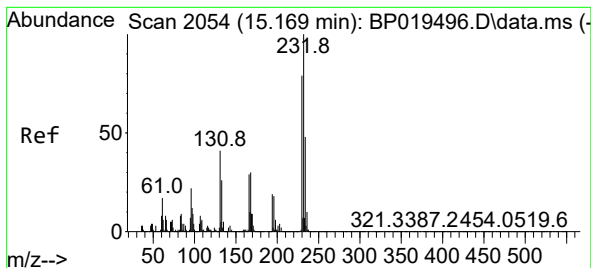
Ion Ratio Lower Upper

166 100

165 93.1 77.8 116.8

167 13.1 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.695 ng

RT: 15.163 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:232 Resp: 12091

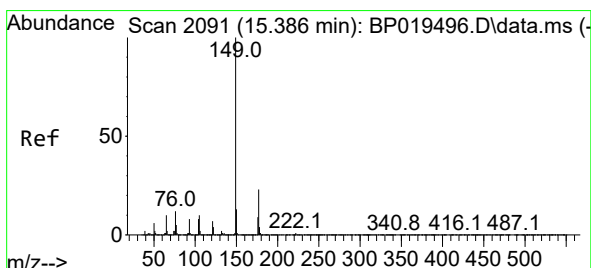
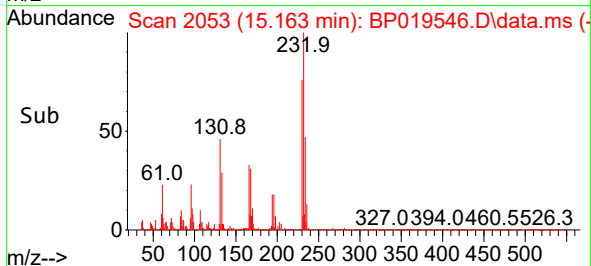
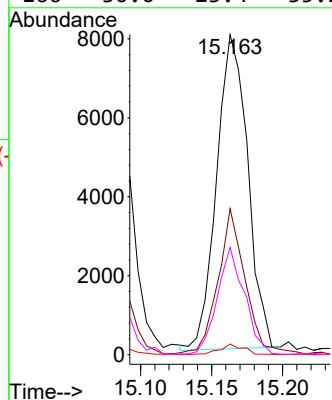
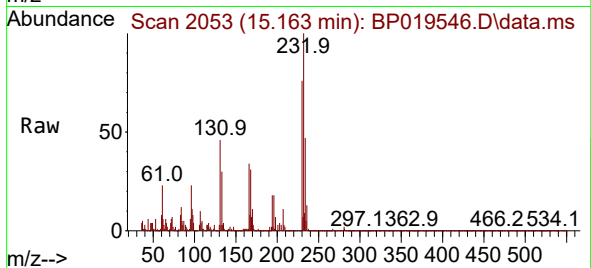
Ion Ratio Lower Upper

232 100

131 40.4 32.4 48.6

130 2.6 1.9 2.9

166 30.0 23.4 35.2



#60

Diethylphthalate

Concen: 3.981 ng

RT: 15.375 min Scan# 2089

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

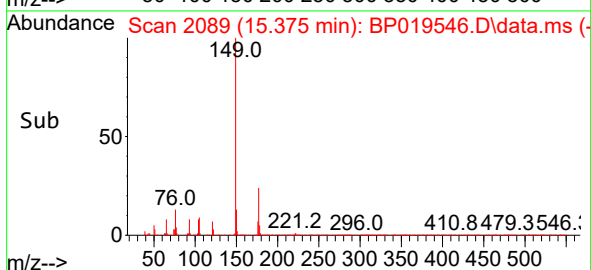
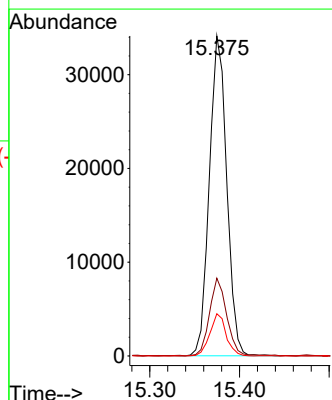
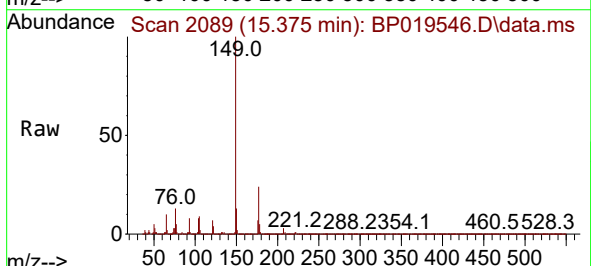
Tgt Ion:149 Resp: 45984

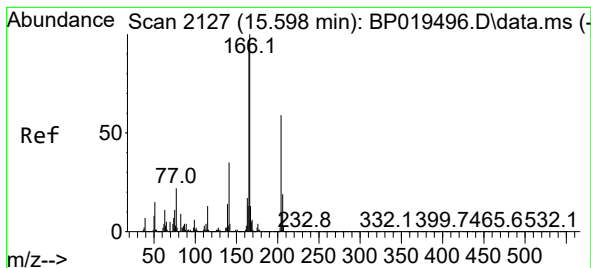
Ion Ratio Lower Upper

149 100

177 24.3 18.2 27.2

150 13.2 10.2 15.4

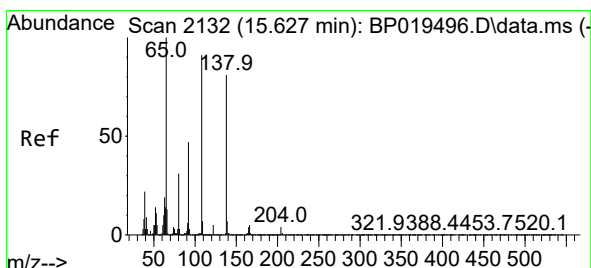
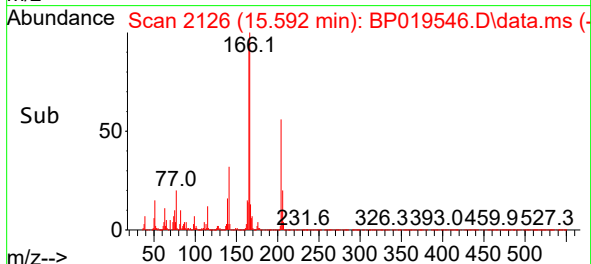
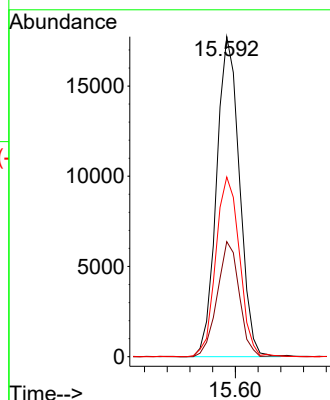
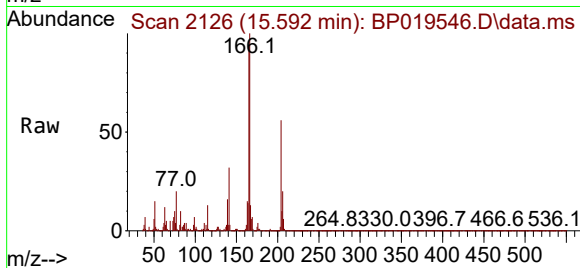




#61
4-Chlorophenyl-phenylether
Concen: 3.935 ng
RT: 15.592 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

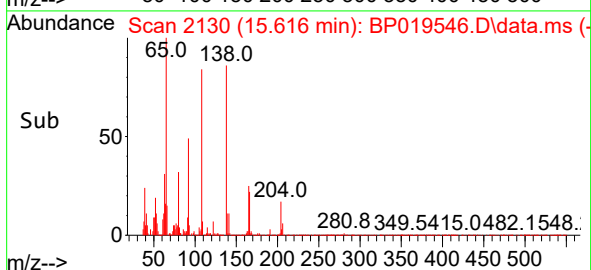
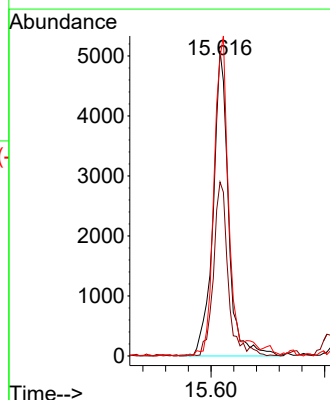
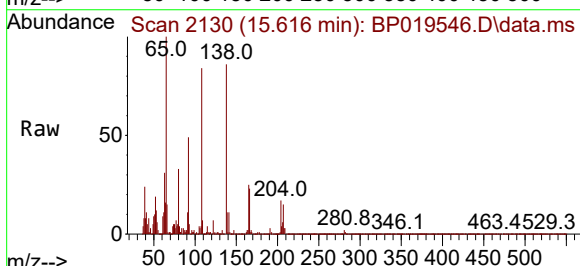
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

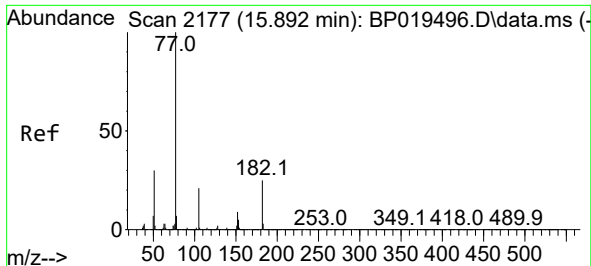
Tgt Ion:204 Resp: 24831
Ion Ratio Lower Upper
204 100
206 35.9 26.5 39.7
141 56.1 48.5 72.7



#62
4-Nitroaniline
Concen: 3.889 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:138 Resp: 9558
Ion Ratio Lower Upper
138 100
92 57.0 38.3 78.3
108 98.0 91.2 131.2

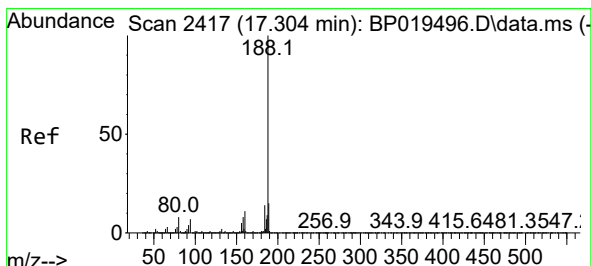
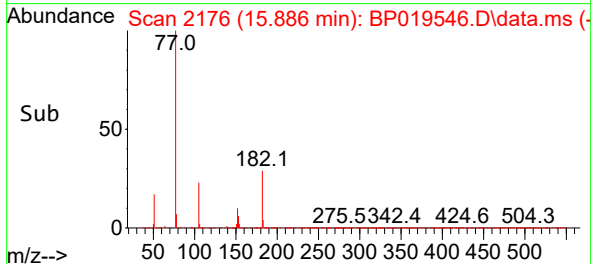
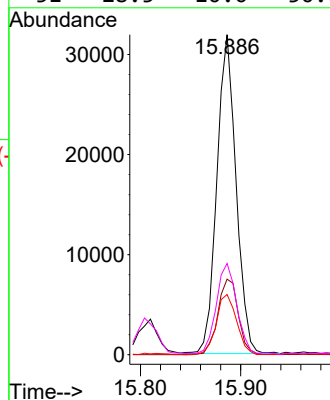
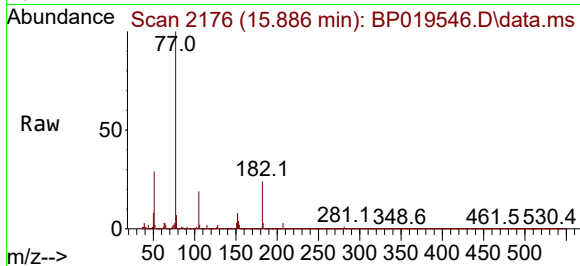




#63
Azobenzene
Concen: 3.793 ng
RT: 15.886 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

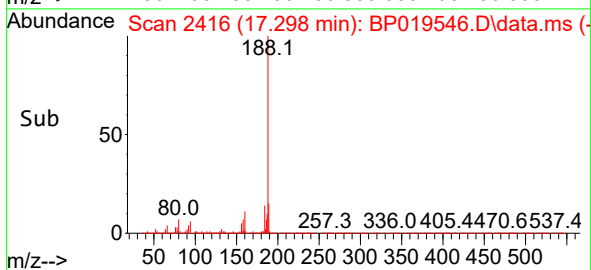
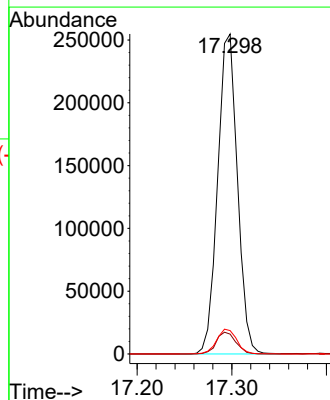
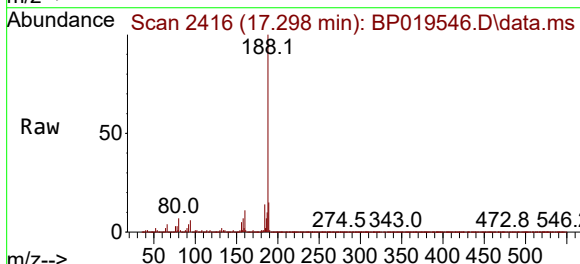
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

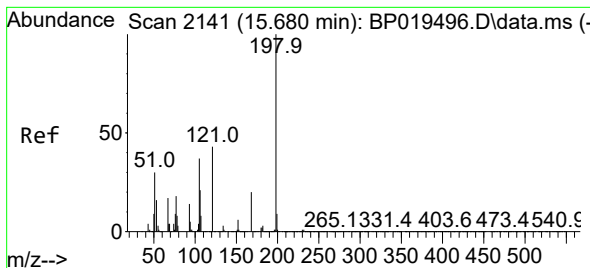
Tgt Ion: 77	Resp: 42365
Ion Ratio	Lower Upper
77 100	
182 23.6	5.1 45.1
105 18.8	0.8 40.8
51 28.5	10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion: 188	Resp: 369297
Ion Ratio	Lower Upper
188 100	
94 6.2	5.4 8.2
80 7.3	6.3 9.5

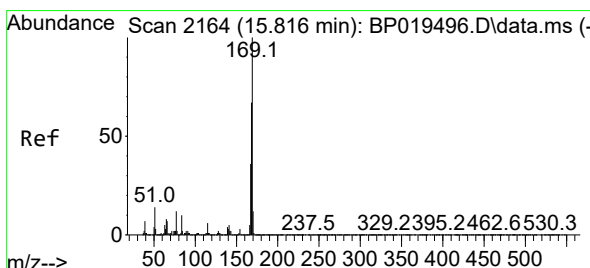
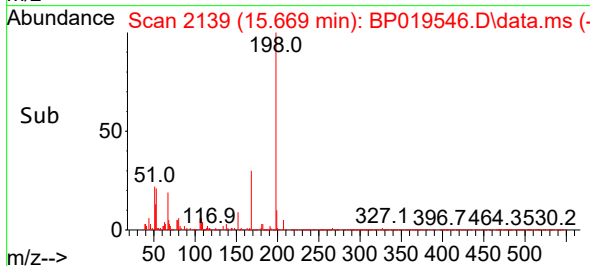
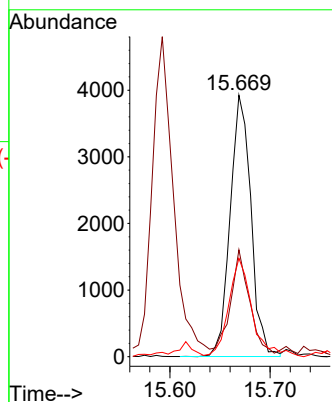
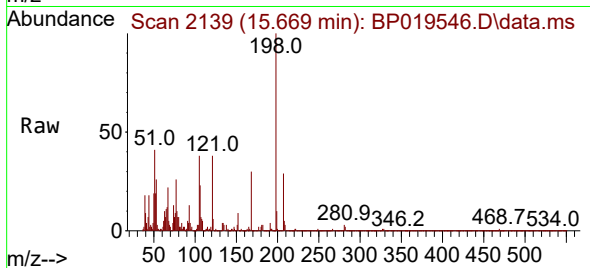




#65
4,6-Dinitro-2-methylphenol
Concen: 2.683 ng
RT: 15.669 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

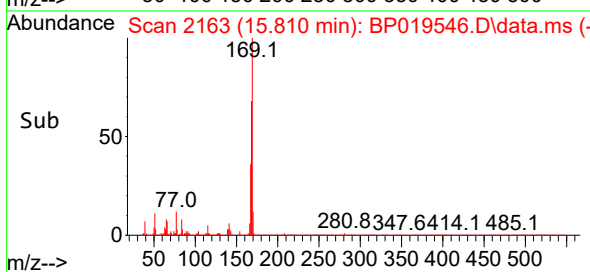
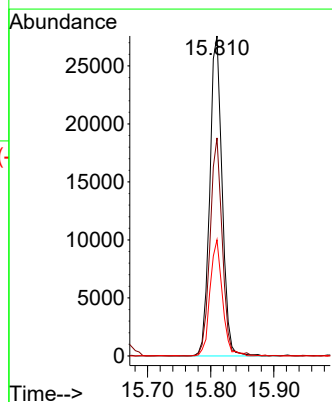
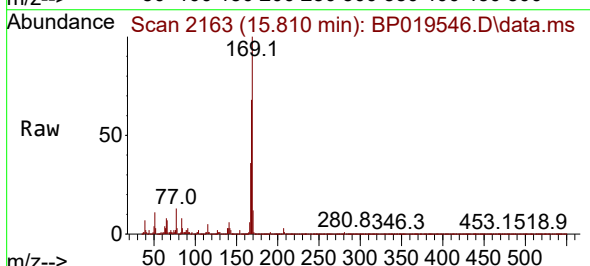
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

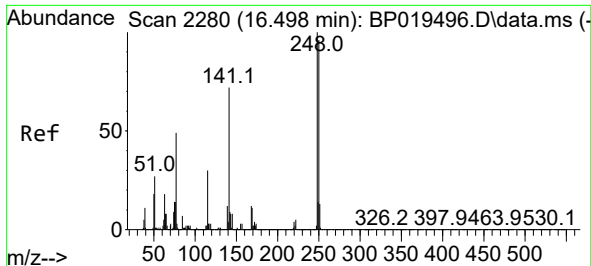
Tgt Ion:198 Resp: 5649
Ion Ratio Lower Upper
198 100
51 40.9 21.2 61.2
105 37.6 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 3.392 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:169 Resp: 37521
Ion Ratio Lower Upper
169 100
168 68.1 53.4 80.2
167 36.3 28.9 43.3

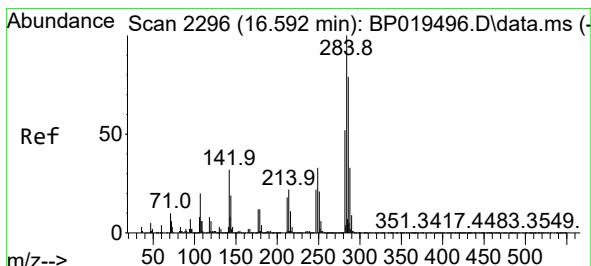
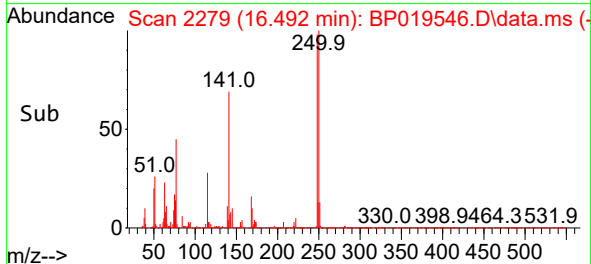
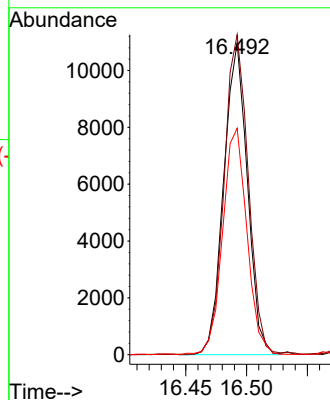
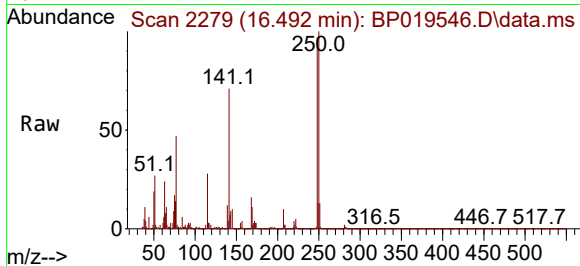




#67
4-Bromophenyl-phenylether
Concen: 3.214 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

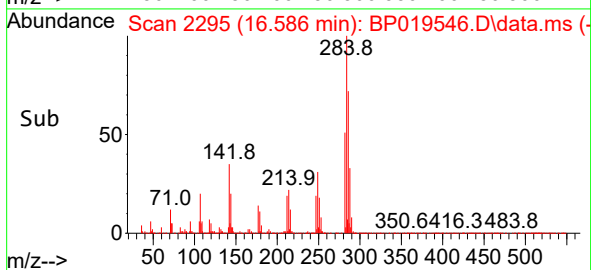
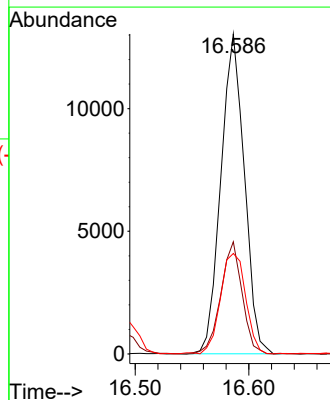
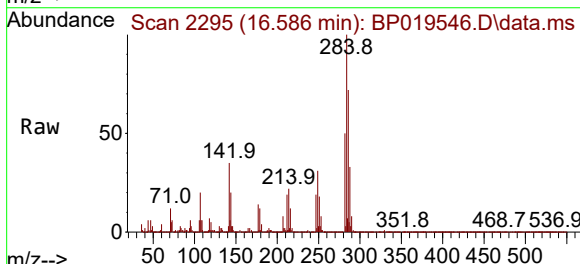
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

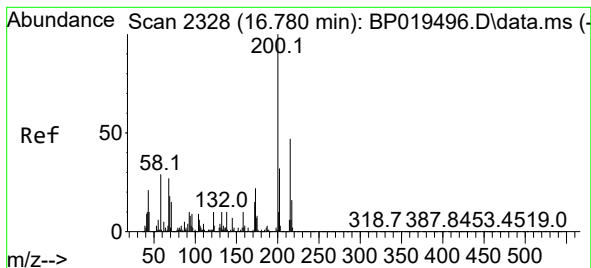
Tgt Ion:248 Resp: 14836
Ion Ratio Lower Upper
248 100
250 102.6 76.9 115.3
141 72.6 58.0 87.0



#68
Hexachlorobenzene
Concen: 3.467 ng
RT: 16.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP019546.D
Acq: 03 Feb 2024 01:49

Tgt Ion:284 Resp: 18689
Ion Ratio Lower Upper
284 100
142 35.1 25.4 38.2
249 31.4 26.5 39.7





#69

Atrazine

Concen: 4.215 ng

RT: 16.769 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

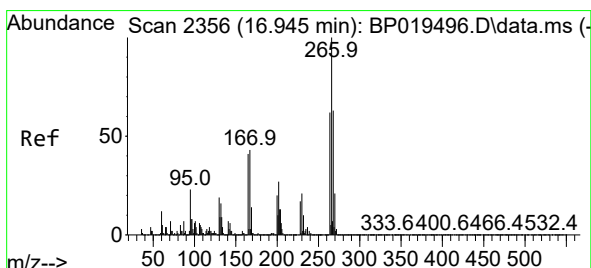
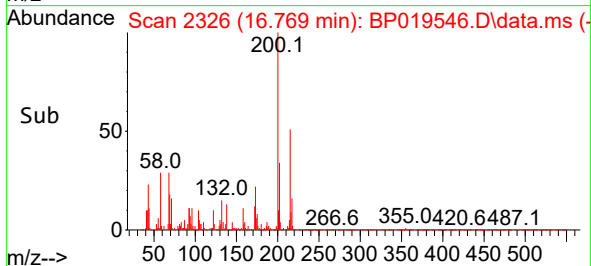
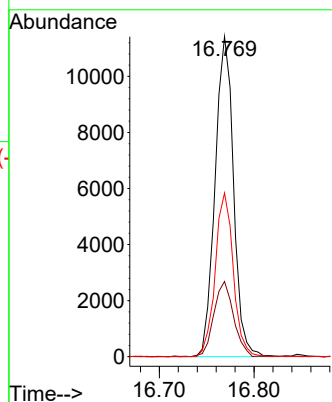
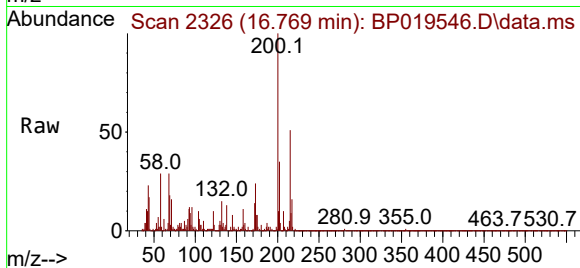
Tgt Ion:200 Resp: 15470

Ion Ratio Lower Upper

200 100

173 23.5 1.7 41.7

215 51.2 26.9 66.9



#70

Pentachlorophenol

Concen: 2.940 ng

RT: 16.933 min Scan# 2354

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

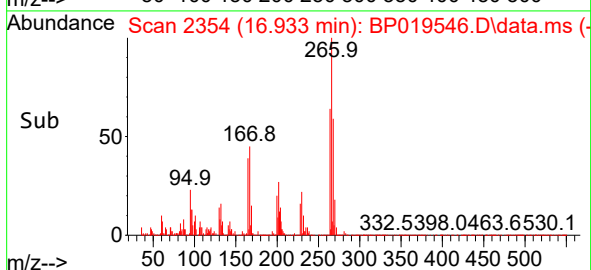
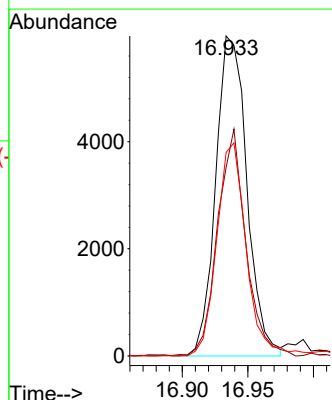
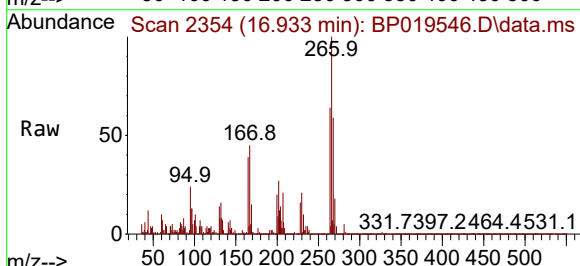
Tgt Ion:266 Resp: 9871

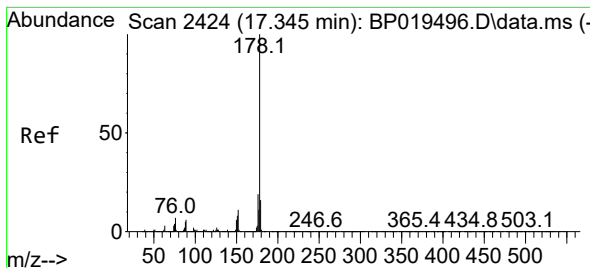
Ion Ratio Lower Upper

266 100

268 58.9 50.3 75.5

264 63.6 49.7 74.5





#71

Phenanthrene

Concen: 3.807 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

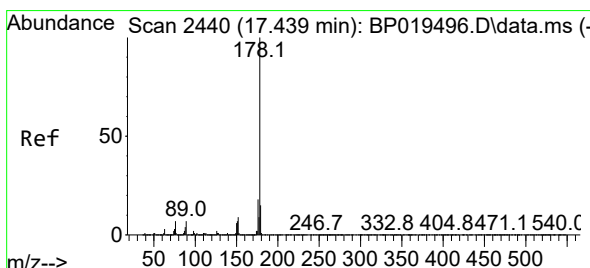
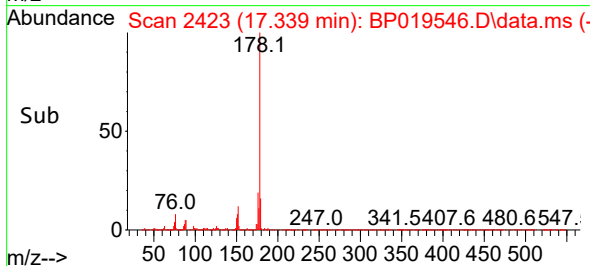
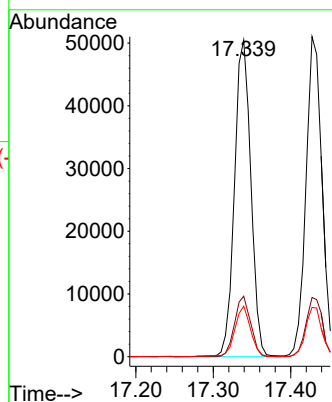
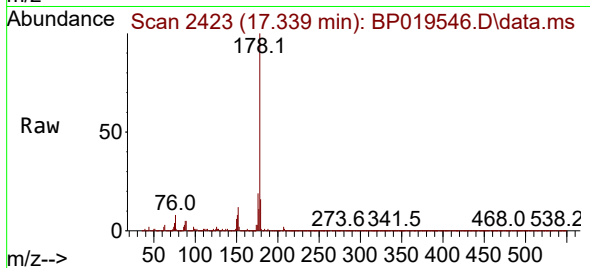
Tgt Ion:178 Resp: 73980

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 16.0 12.6 19.0



#72

Anthracene

Concen: 3.800 ng

RT: 17.428 min Scan# 2438

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

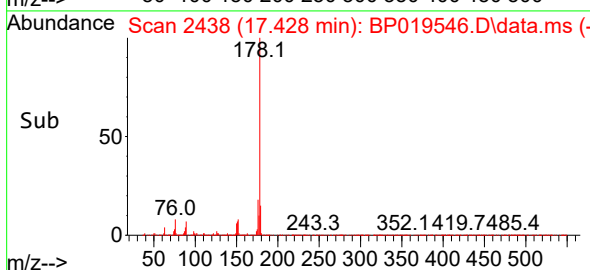
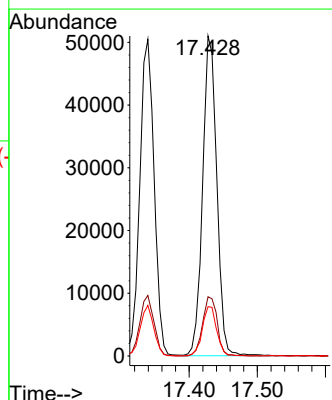
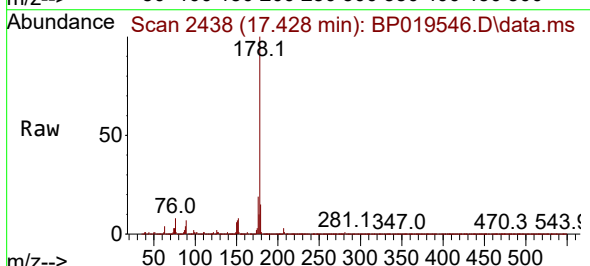
Tgt Ion:178 Resp: 73667

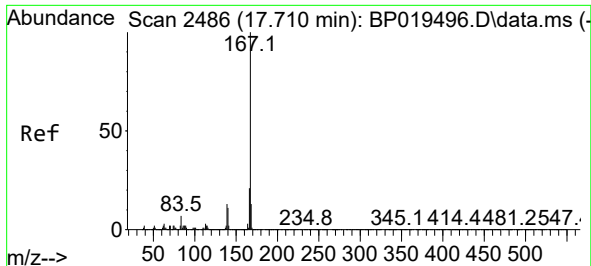
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.2 18.2

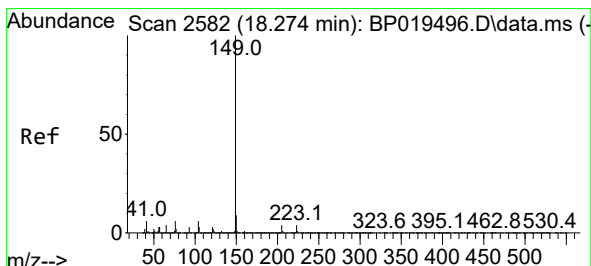
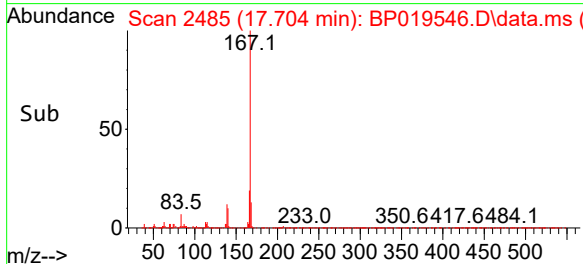
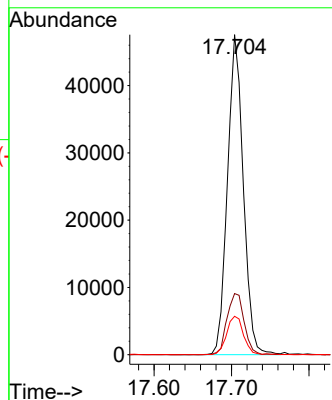
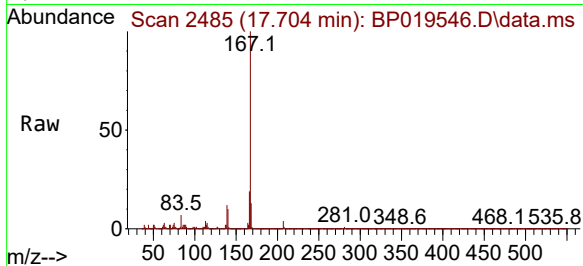




#73
 Carbazole
 Concen: 3.847 ng
 RT: 17.704 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

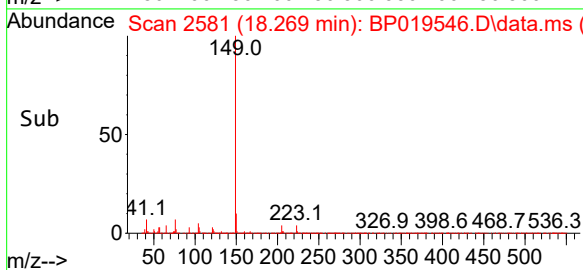
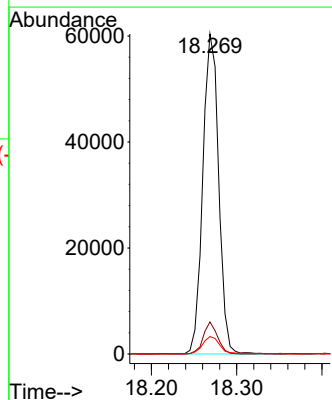
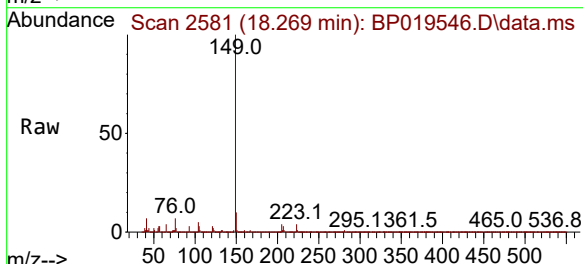
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

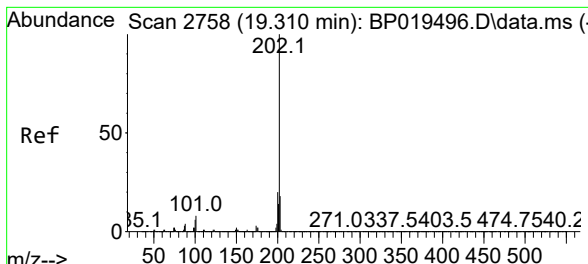
Tgt Ion:167 Resp: 67747
 Ion Ratio Lower Upper
 167 100
 166 19.1 17.2 25.8
 139 12.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 3.663 ng
 RT: 18.269 min Scan# 2581
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

Tgt Ion:149 Resp: 78014
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.3 10.9
 104 5.5 4.8 7.2

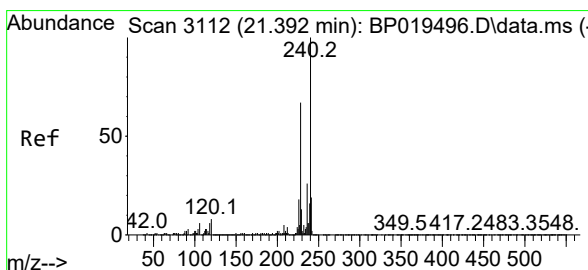
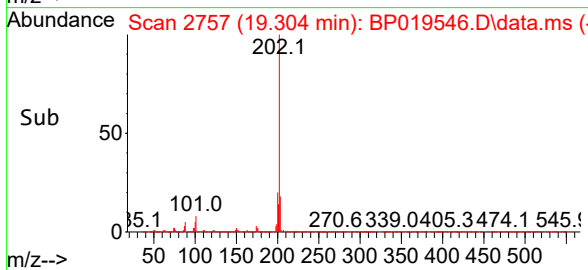
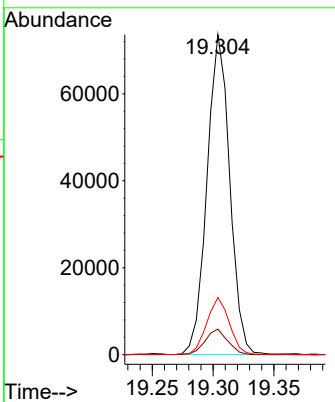
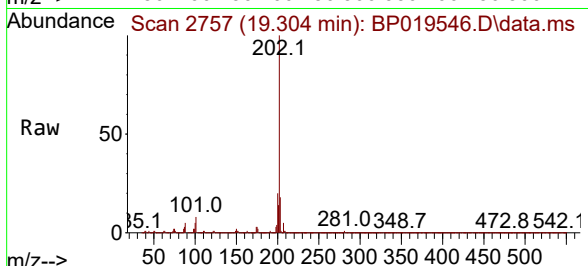




#75
 Fluoranthene
 Concen: 4.031 ng
 RT: 19.304 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

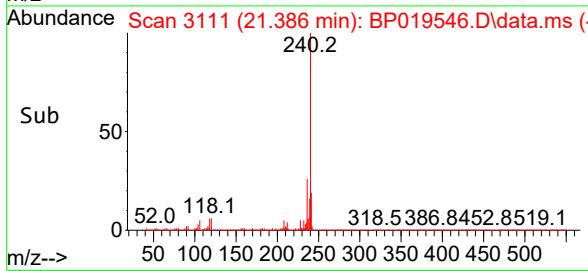
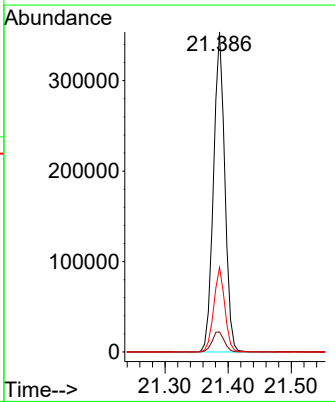
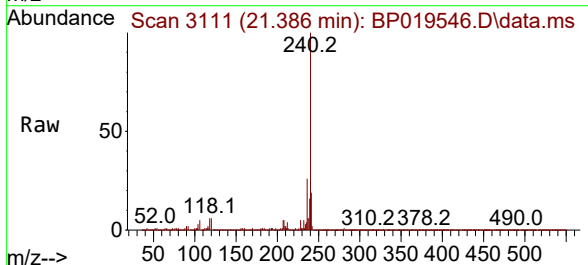
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

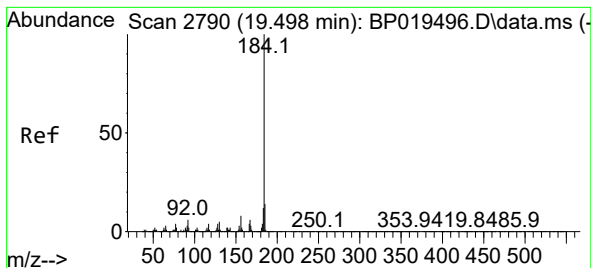
Tgt Ion:	202	Resp:	95710
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	27.7
203	17.8	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.006 min
 Lab File: BP019546.D
 Acq: 03 Feb 2024 01:49

Tgt Ion:	240	Resp:	439996
Ion Ratio	Lower	Upper	
240	100		
120	6.3	6.1	9.1
236	26.4	20.7	31.1





#77

Benzidine

Concen: 5.355 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

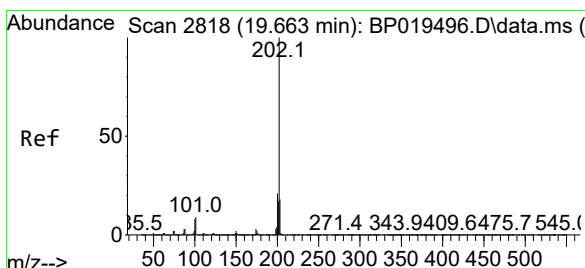
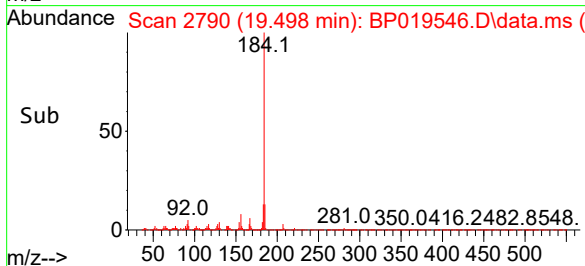
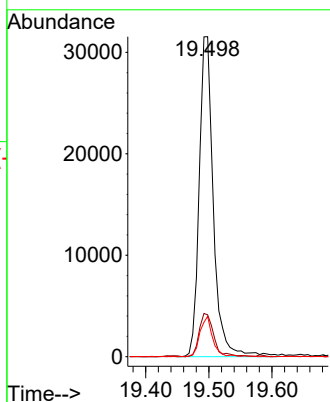
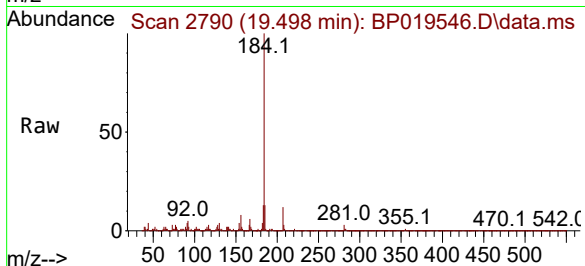
Tgt Ion:184 Resp: 49264

Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

183 12.6 9.7 14.5



#78

Pyrene

Concen: 3.327 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

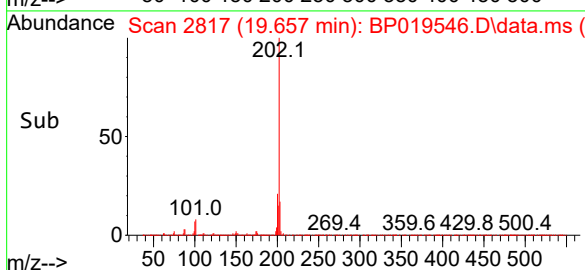
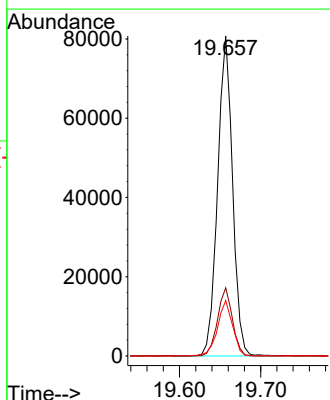
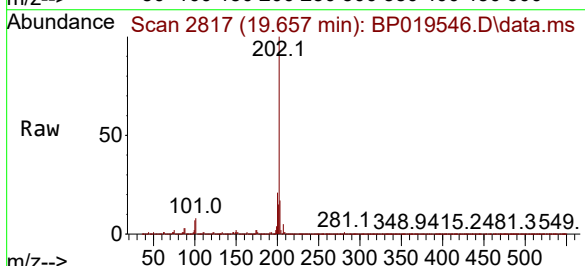
Tgt Ion:202 Resp: 103300

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 75.202 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

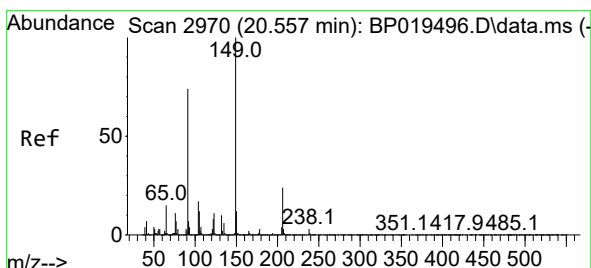
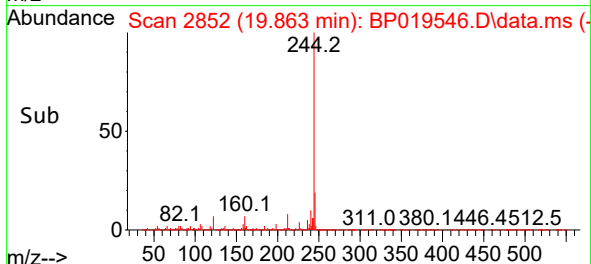
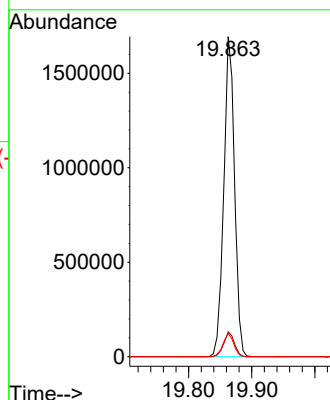
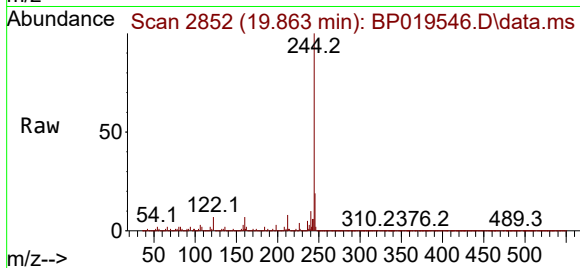
Tgt Ion:244 Resp: 2012025

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 7.3 5.9 8.9



#80

Butylbenzylphthalate

Concen: 3.016 ng

RT: 20.551 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

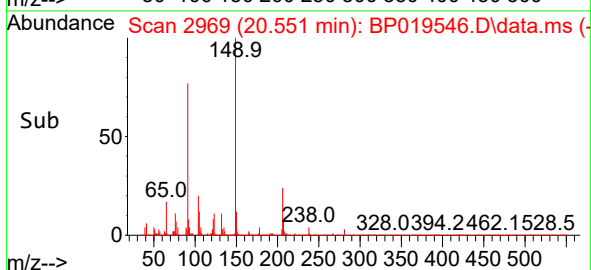
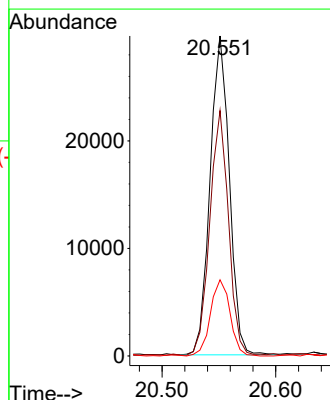
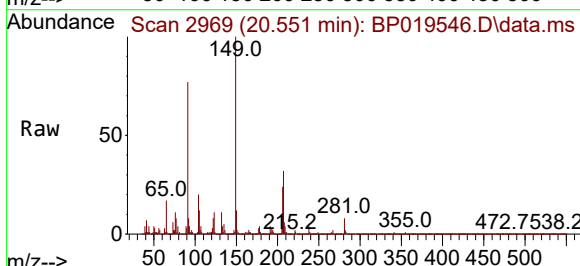
Tgt Ion:149 Resp: 34981

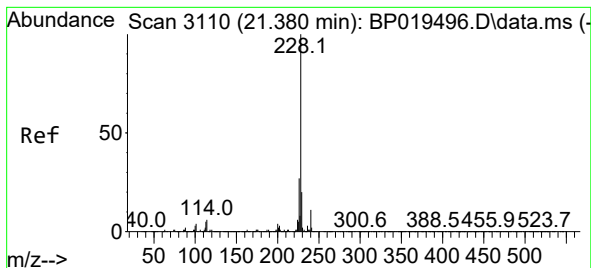
Ion Ratio Lower Upper

149 100

91 76.7 59.4 89.0

206 23.8 19.0 28.6





#81

Benzo(a)anthracene

Concen: 3.728 ng

RT: 21.369 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

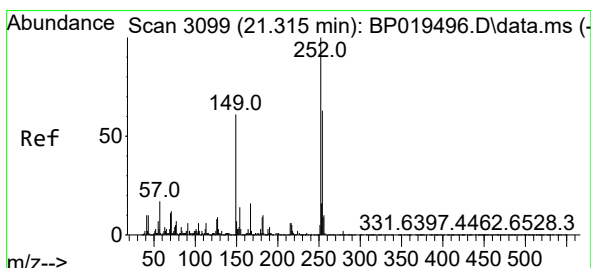
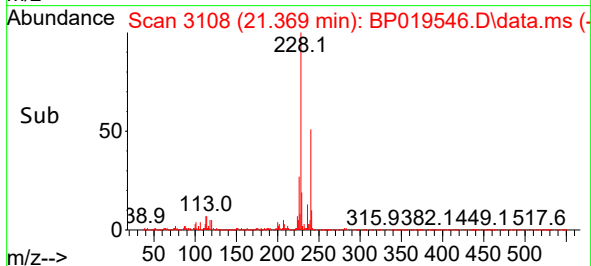
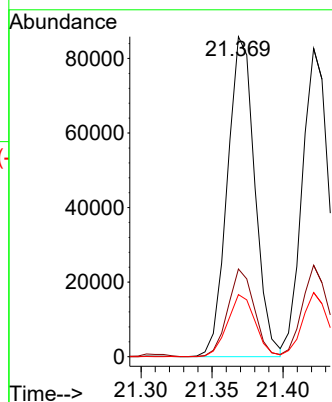
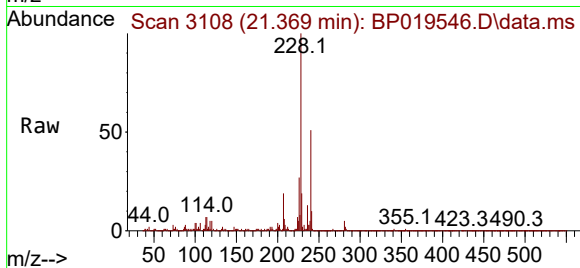
Tgt Ion:228 Resp: 115474

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 3.576 ng

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

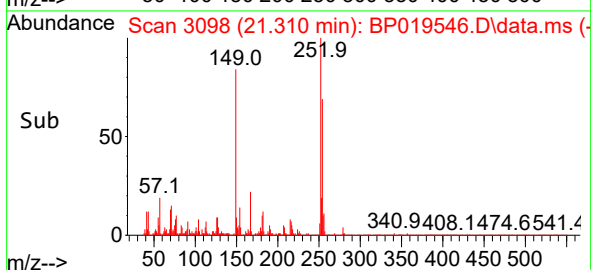
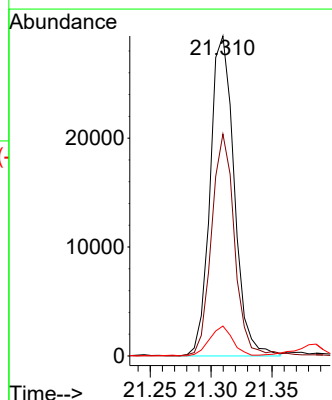
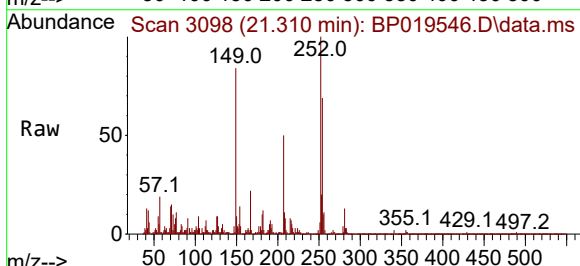
Tgt Ion:252 Resp: 40365

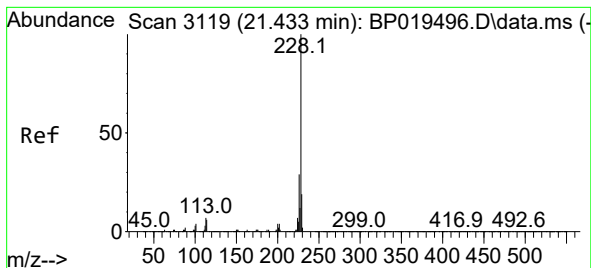
Ion Ratio Lower Upper

252 100

254 69.4 50.7 76.1

126 9.3 6.4 9.6





#83

Chrysene

Concen: 3.653 ng

RT: 21.421 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

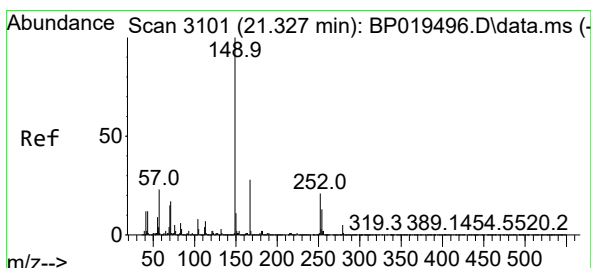
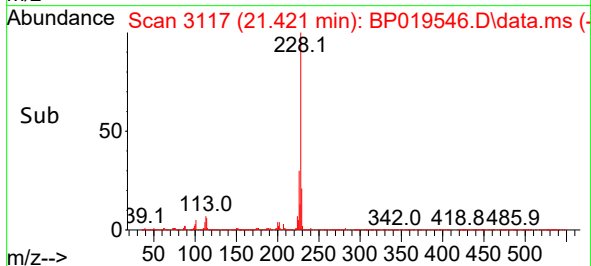
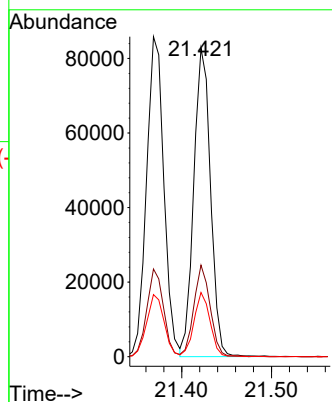
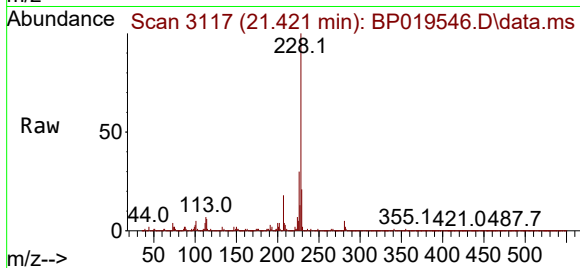
Tgt Ion:228 Resp: 107414

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 20.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.281 ng

RT: 21.321 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

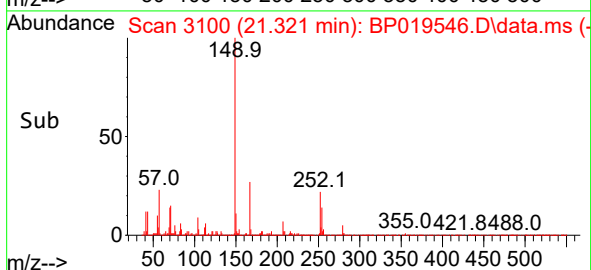
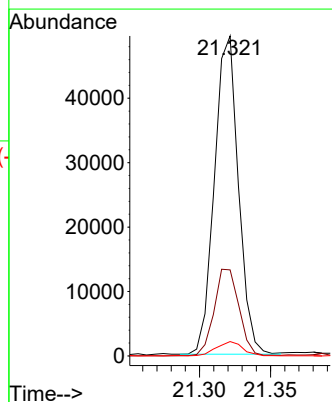
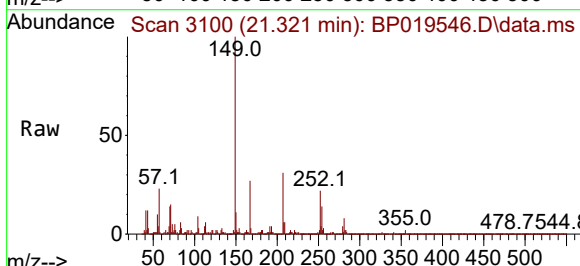
Tgt Ion:149 Resp: 57930

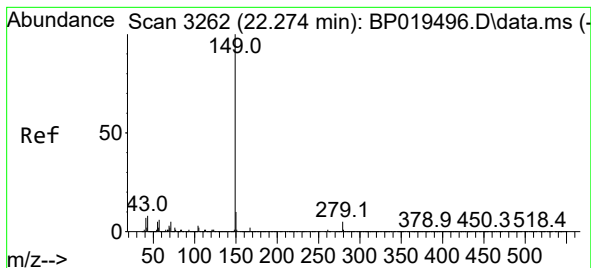
Ion Ratio Lower Upper

149 100

167 26.9 22.7 34.1

279 4.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 3.063 ng

RT: 22.263 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

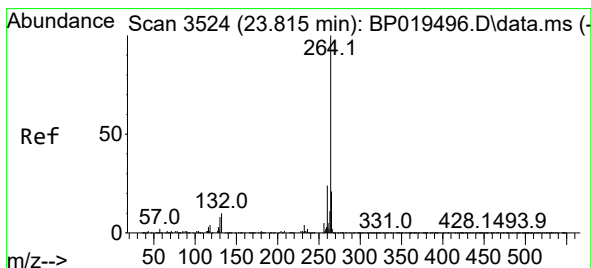
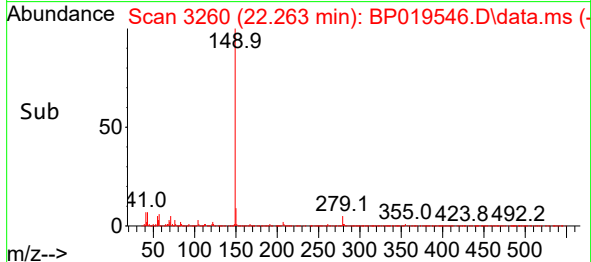
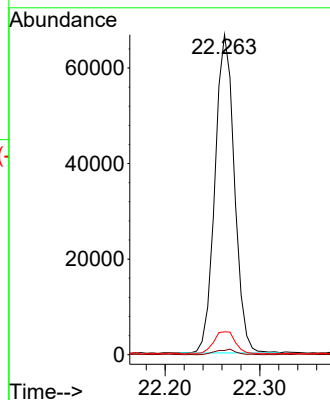
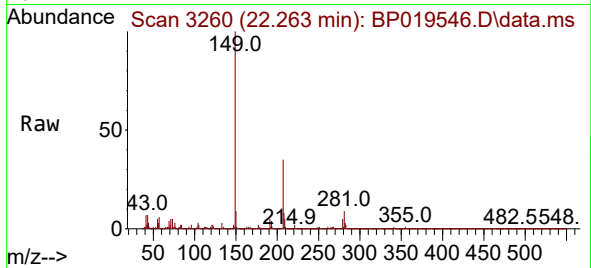
Tgt Ion:149 Resp: 95161

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

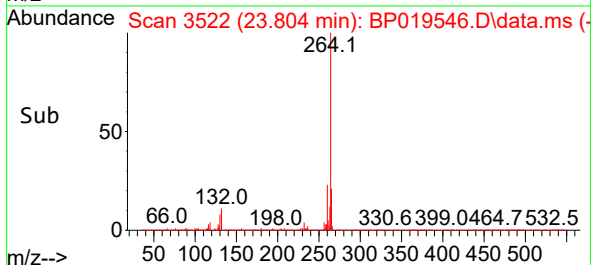
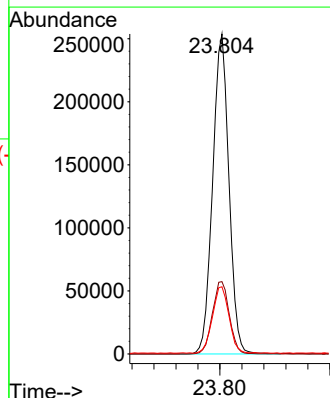
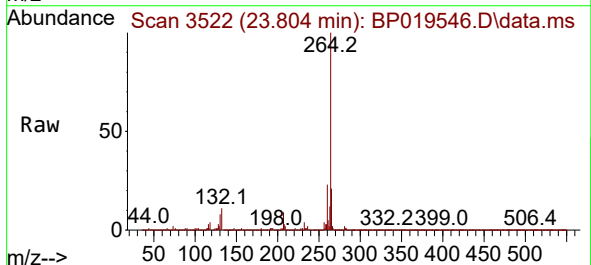
Tgt Ion:264 Resp: 521435

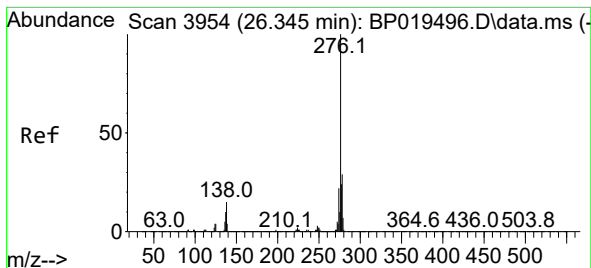
Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.396 ng

RT: 26.321 min Scan# 3950

Delta R.T. -0.023 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

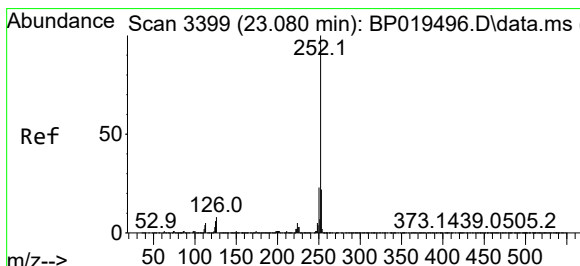
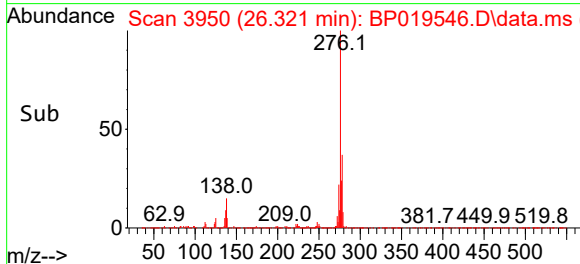
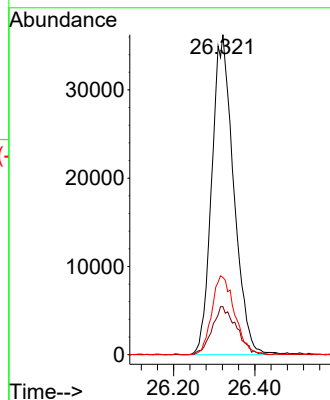
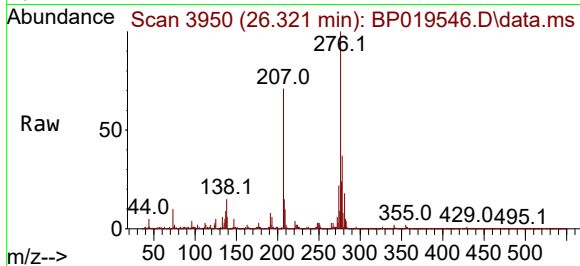
Tgt Ion:276 Resp: 135565

Ion Ratio Lower Upper

276 100

138 16.7 13.1 19.7

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.561 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.017 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

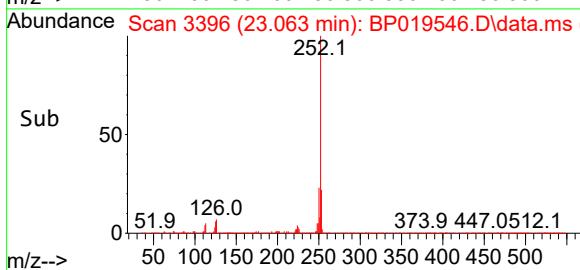
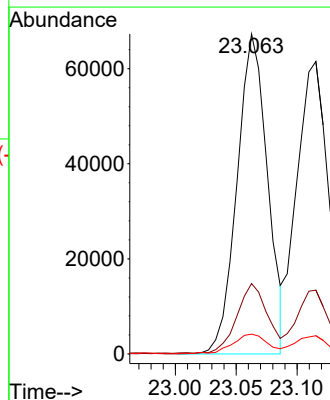
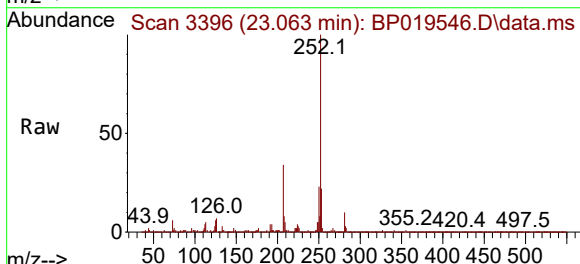
Tgt Ion:252 Resp: 117016

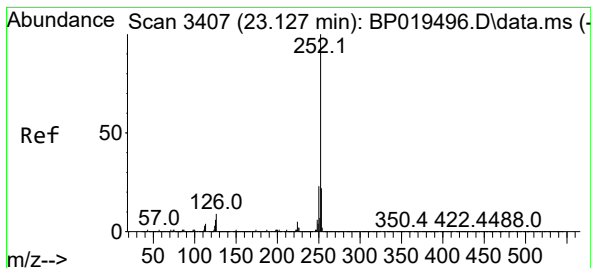
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 6.2 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 3.593 ng

RT: 23.115 min Scan# 3405

Delta R.T. -0.012 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

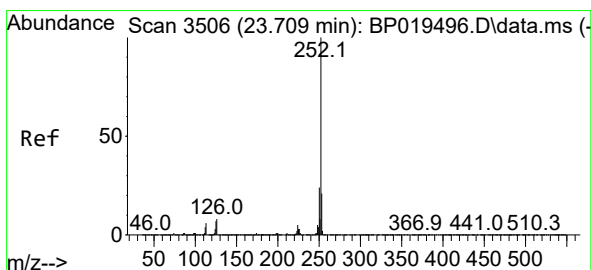
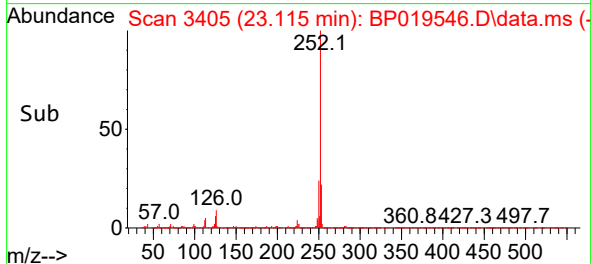
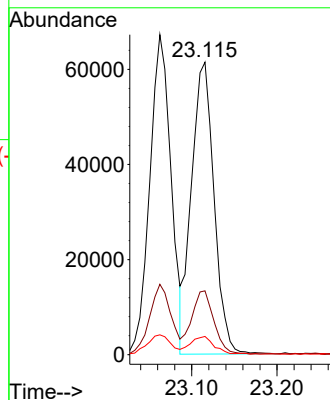
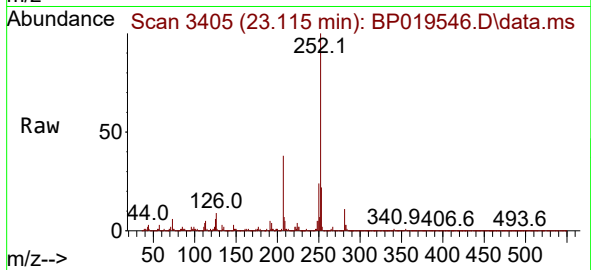
Tgt Ion:252 Resp: 112796

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 6.2 5.0 7.6



#90

Benzo(a)pyrene

Concen: 3.476 ng

RT: 23.692 min Scan# 3503

Delta R.T. -0.017 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

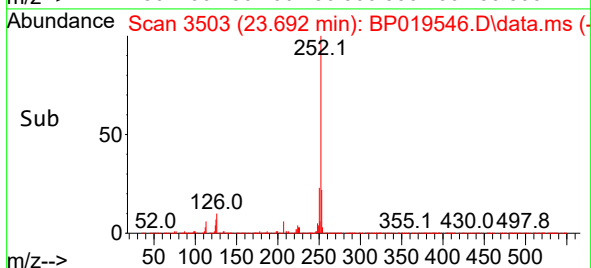
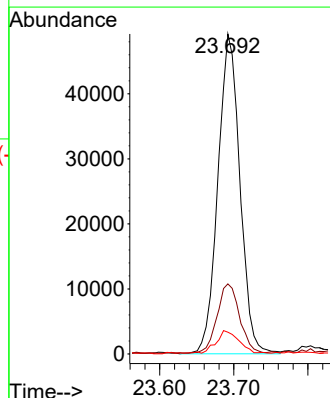
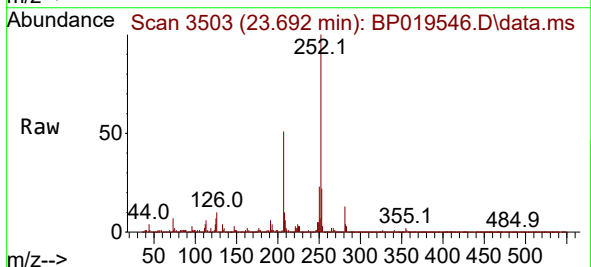
Tgt Ion:252 Resp: 101642

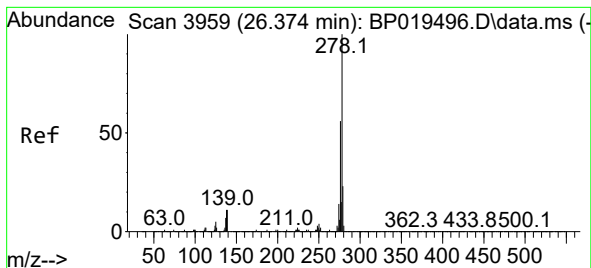
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 6.8 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 3.498 ng

RT: 26.351 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

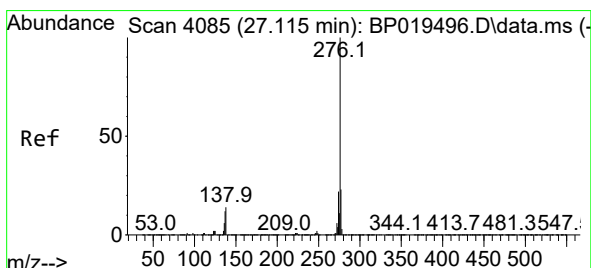
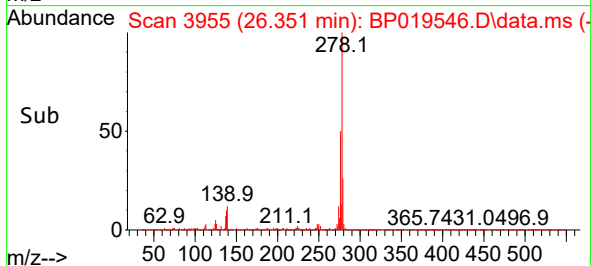
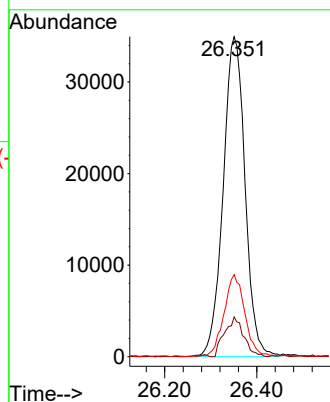
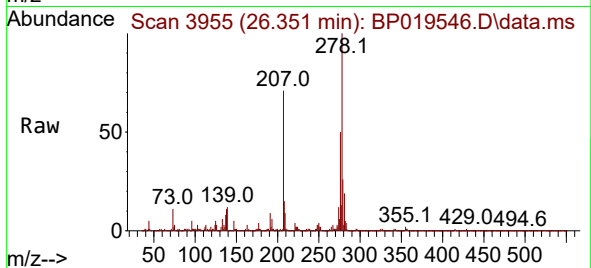
Tgt Ion:278 Resp: 114843

Ion Ratio Lower Upper

278 100

139 12.4 8.6 12.8

279 25.7 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 3.286 ng

RT: 27.086 min Scan# 4080

Delta R.T. -0.029 min

Lab File: BP019546.D

Acq: 03 Feb 2024 01:49

Tgt Ion:276 Resp: 109428

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 13.3 10.9 16.3

