

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021495.D
 Acq On : 14 Aug 2024 11:24
 Operator : RC/JU
 Sample : P3390-01
 Misc : LOD-MDL-SOIL-4ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 14 11:55:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	350358	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1452428	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	958145	20.000	ng	-0.02
64) Phenanthrene-d10	17.239	188	2125023	20.000	ng	-0.01
76) Chrysene-d12	21.692	240	2161948	20.000	ng	0.00
86) Perylene-d12	25.110	264	2369142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3144403	133.264	ng	0.00
7) Phenol-d6	6.964	99	4465209	129.727	ng	0.00
23) Nitrobenzene-d5	8.946	82	2786207	99.014	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1496148	140.302	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	5619671	89.512	ng	0.00
79) Terphenyl-d14	19.963	244	8875983	79.760	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	48628	4.346	ng	98
3) Pyridine	3.711	79	115945	3.712	ng	98
4) n-Nitrosodimethylamine	3.623	42	40249	4.287	ng	# 98
6) Aniline	7.128	93	165306	4.804	ng	97
8) 2-Chlorophenol	7.369	128	93103	4.270	ng	97
9) Benzaldehyde	6.946	77	122704	5.568	ng	96
10) Phenol	6.987	94	149662	4.199	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	124785	4.137	ng	98
12) 1,3-Dichlorobenzene	7.699	146	104255	4.025	ng	97
13) 1,4-Dichlorobenzene	7.840	146	107220	4.100	ng	99
14) 1,2-Dichlorobenzene	8.158	146	102582	4.070	ng	98
15) Benzyl Alcohol	8.028	79	101144	4.095	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	123233	4.437	ng	99
17) 2-Methylphenol	8.228	107	88805	3.941	ng	97
18) Hexachloroethane	8.887	117	42950	4.095	ng	97
19) n-Nitroso-di-n-propyla...	8.599	70	97025	4.081	ng	97
20) 3+4-Methylphenols	8.552	107	113534	3.737	ng	94
22) Acetophenone	8.611	105	189541	4.248	ng	# 97
24) Nitrobenzene	8.987	77	142350	4.658	ng	100
25) Isophorone	9.510	82	272418	4.098	ng	99
26) 2-Nitrophenol	9.693	139	21194	4.780	ng	93
27) 2,4-Dimethylphenol	9.758	122	63658	3.880	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	169283	4.172	ng	98
29) 2,4-Dichlorophenol	10.228	162	71114	3.669	ng	98
30) 1,2,4-Trichlorobenzene	10.452	180	99108	3.988	ng	99
31) Naphthalene	10.640	128	311582	4.107	ng	100
32) Benzoic acid	9.758	122	63658	11.014	ng	# 8
33) 4-Chloroaniline	10.734	127	121850	4.275	ng	99
34) Hexachlorobutadiene	10.934	225	61259	3.915	ng	97
35) Caprolactam	11.469	113	29667	3.677	ng	92
36) 4-Chloro-3-methylphenol	11.852	107	96855	3.602	ng	98
37) 2-Methylnaphthalene	12.246	142	209859	4.053	ng	98
38) 1-Methylnaphthalene	12.469	142	201235	3.940	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	117290	4.178	ng	99
41) Hexachlorocyclopentadiene	12.610	237	39103	4.395	ng	95
43) 2,4,6-Trichlorophenol	12.851	196	54149	3.472	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021495.D
 Acq On : 14 Aug 2024 11:24
 Operator : RC/JU
 Sample : P3390-01
 Misc : LOD-MDL-SOIL-4ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 14 11:55:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

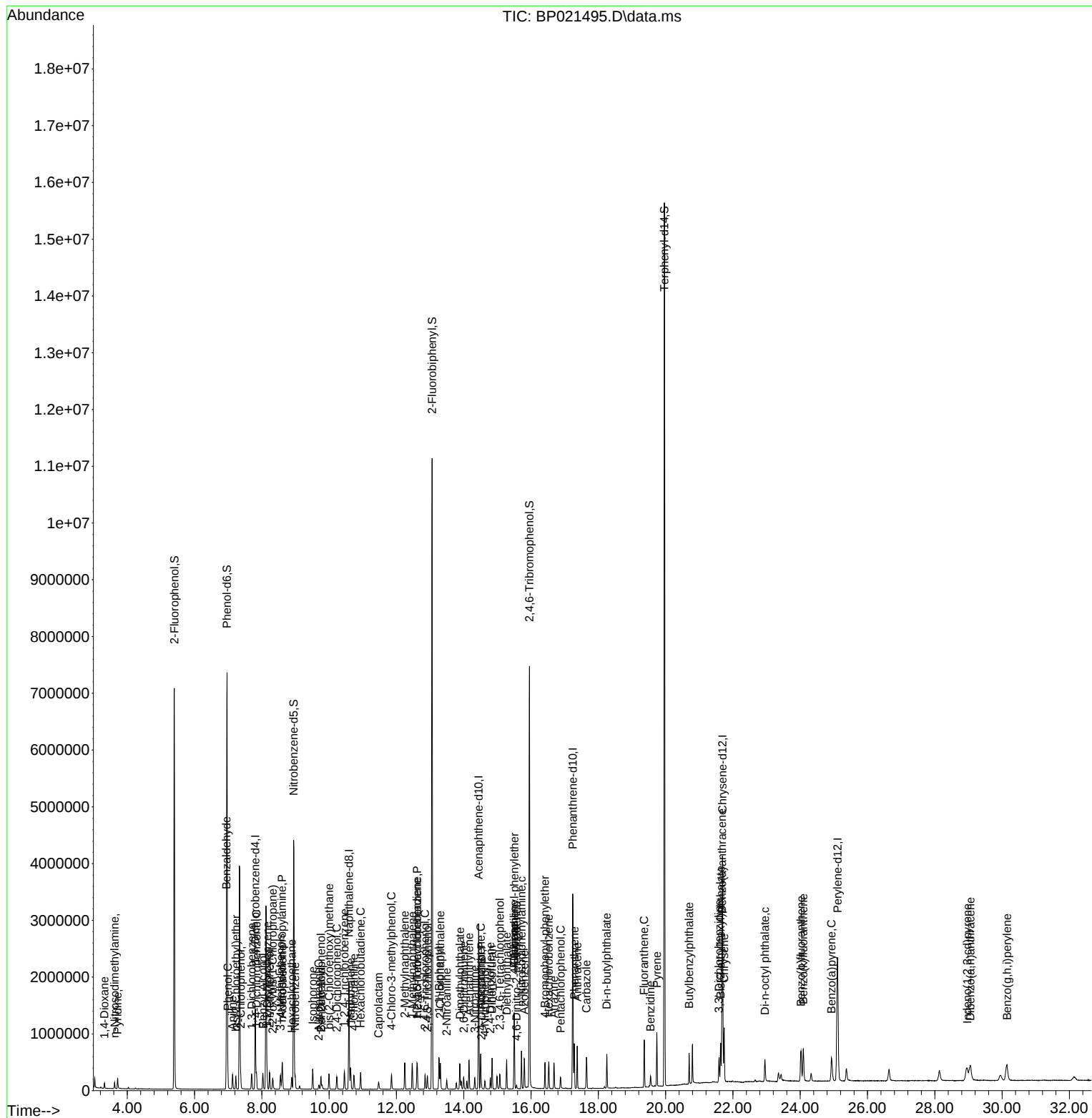
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	60658	3.501	ng	95
46) 1,1'-Biphenyl	13.263	154	295102	4.353	ng	99
47) 2-Chloronaphthalene	13.304	162	219191	4.153	ng	98
48) 2-Nitroaniline	13.493	65	40440	7.588	ng	94
49) Acenaphthylene	14.157	152	340505	4.389	ng	100
50) Dimethylphthalate	13.887	163	271260	4.227	ng	100
51) 2,6-Dinitrotoluene	13.998	165	33974	6.392	ng	84
52) Acenaphthene	14.504	154	206764	4.062	ng	97
53) 3-Nitroaniline	14.328	138	36270	6.584	ng #	93
54) 2,4-Dinitrophenol	14.528	184	8896	6.029	ng #	39
55) Dibenzofuran	14.840	168	342922	4.379	ng	100
56) 4-Nitrophenol	14.628	139	26006	7.367	ng	93
57) 2,4-Dinitrotoluene	14.793	165	36163	6.989	ng	97
58) Fluorene	15.498	166	274225	4.263	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	54385	3.698	ng	98
60) Diethylphthalate	15.275	149	269091	4.087	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	139478	4.194	ng	99
62) 4-Nitroaniline	15.498	138	36071	5.524	ng #	78
63) Azobenzene	15.798	77	358902	4.435	ng	97
65) 4,6-Dinitro-2-methylph...	15.569	198	12637	7.119	ng	97
66) n-Nitrosodiphenylamine	15.716	169	229883	4.037	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	81998	3.646	ng	97
68) Hexachlorobenzene	16.528	284	104732	3.941	ng	96
69) Atrazine	16.681	200	78807	4.031	ng	98
70) Pentachlorophenol	16.875	266	39616	2.731	ng	96
71) Phenanthrene	17.287	178	439284	4.298	ng	98
72) Anthracene	17.375	178	417743	4.168	ng	99
73) Carbazole	17.645	167	384592	3.982	ng	100
74) Di-n-butylphthalate	18.251	149	425703	3.589	ng	99
75) Fluoranthene	19.363	202	494621	3.945	ng	98
77) Benzidine	19.551	184	135861	6.639	ng	97
78) Pyrene	19.739	202	528035	3.737	ng	99
80) Butylbenzylphthalate	20.698	149	126785	5.789	ng	92
81) Benzo(a)anthracene	21.675	228	548856	4.044	ng	100
82) 3,3'-Dichlorobenzidine	21.586	252	154112	3.542	ng	99
83) Chrysene	21.739	228	522941	4.081	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	250872	3.128	ng	98
85) Di-n-octyl phthalate	22.951	149	331684	6.953	ng	97
87) Indeno(1,2,3-cd)pyrene	28.962	276	469949	3.060	ng	93
88) Benzo(b)fluoranthene	24.021	252	511881	3.762	ng	100
89) Benzo(k)fluoranthene	24.092	252	516275	3.890	ng	99
90) Benzo(a)pyrene	24.927	252	447722	3.792	ng	99
91) Dibenzo(a,h)anthracene	29.062	278	479296	3.756	ng	98
92) Benzo(g,h,i)perylene	30.145	276	469572	3.672	ng	99

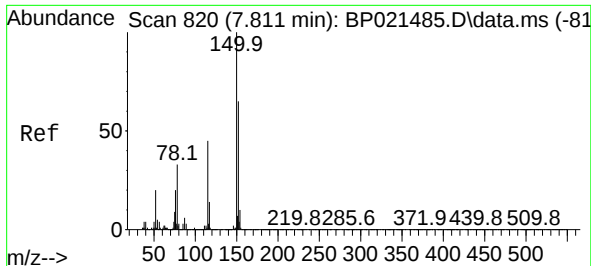
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021495.D
Acq On : 14 Aug 2024 11:24
Operator : RC/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-4ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Quant Time: Aug 14 11:55:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

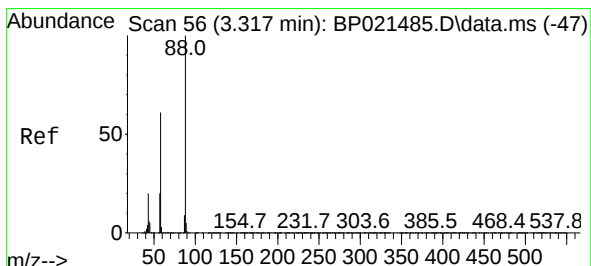
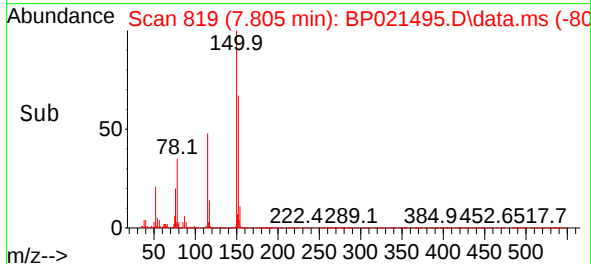
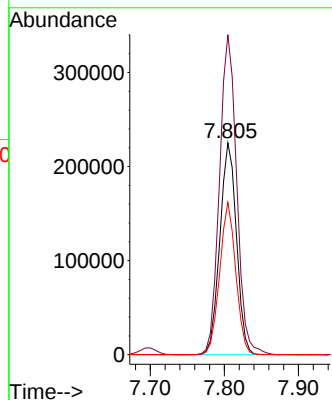
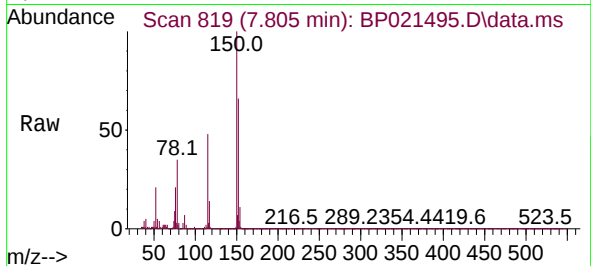




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

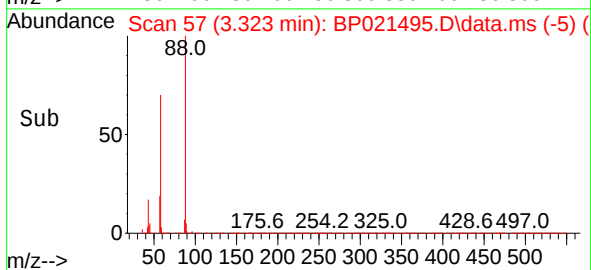
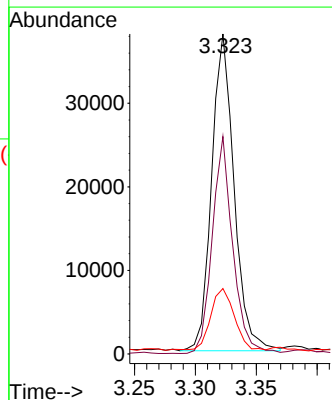
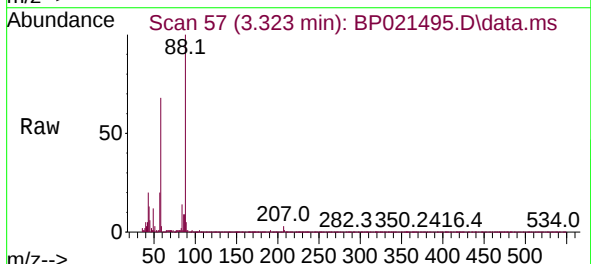
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

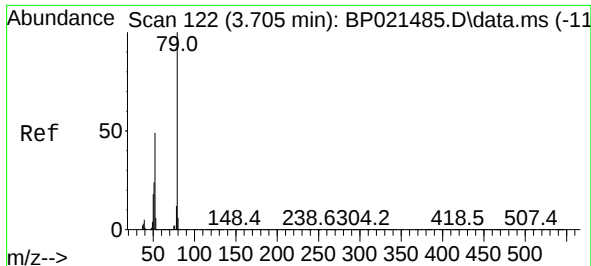
Tgt Ion:152 Resp: 350358
Ion Ratio Lower Upper
152 100
150 151.1 122.4 183.6
115 71.9 54.7 82.1



#2
1,4-Dioxane
Concen: 4.346 ng
RT: 3.323 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 88 Resp: 48628
Ion Ratio Lower Upper
88 100
58 62.6 48.7 73.1
43 20.0 15.4 23.2

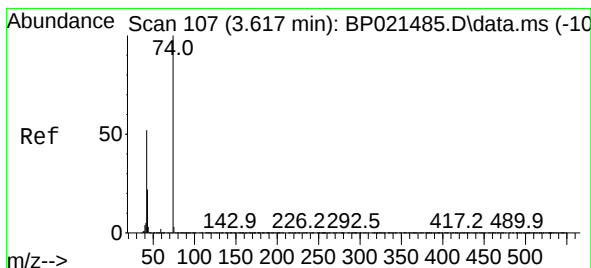
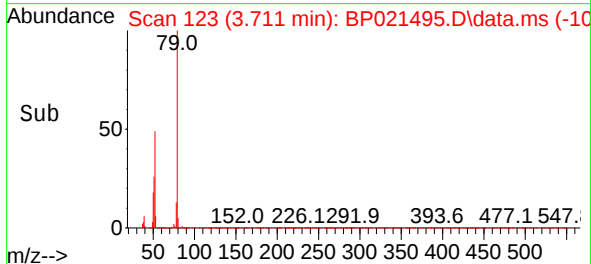
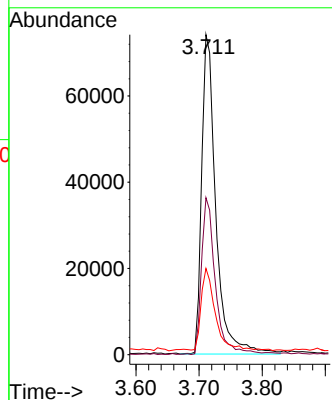
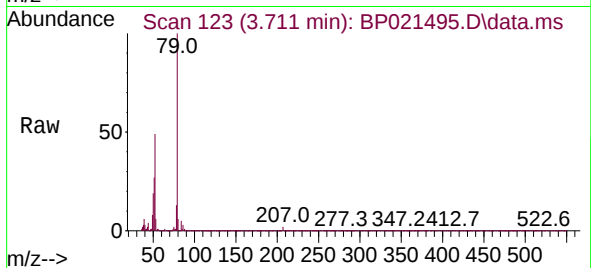




#3
Pyridine
Concen: 3.712 ng
RT: 3.711 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

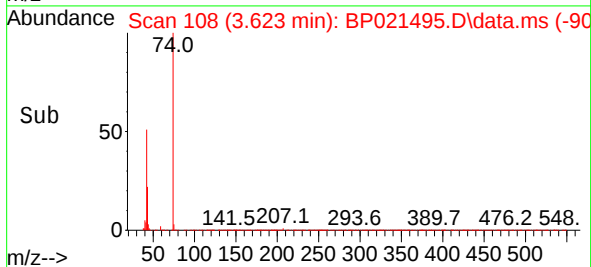
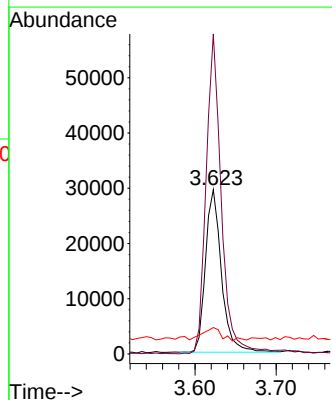
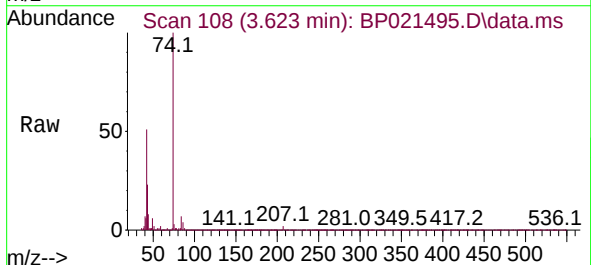
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

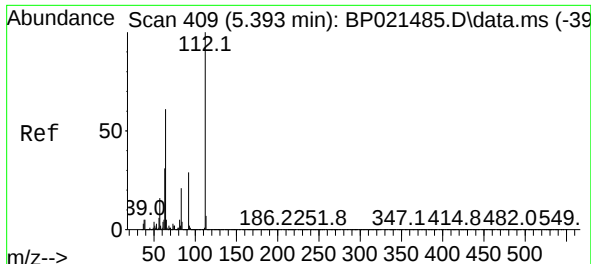
Tgt Ion: 79 Resp: 115945
Ion Ratio Lower Upper
79 100
52 49.1 39.0 58.6
51 27.0 19.2 28.8



#4
n-Nitrosodimethylamine
Concen: 4.287 ng
RT: 3.623 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 42 Resp: 40249
Ion Ratio Lower Upper
42 100
74 194.7 154.3 231.5
44 16.1 6.2 9.4#

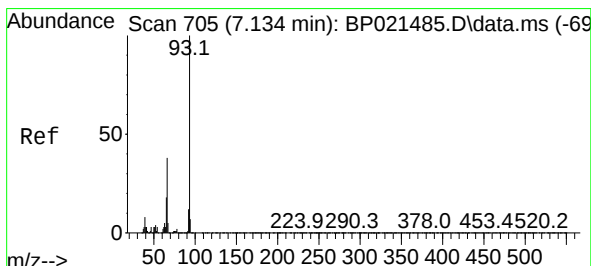
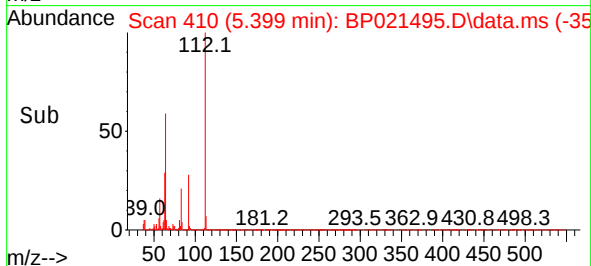
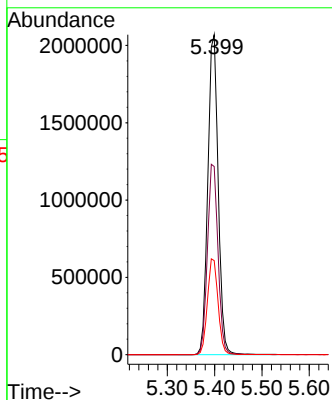
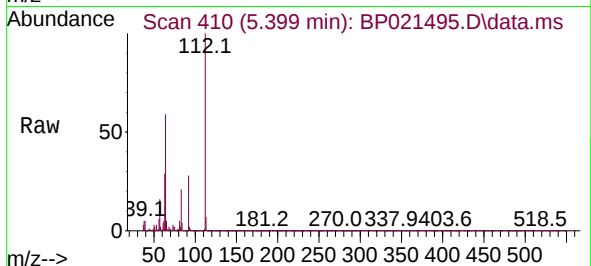




#5
2-Fluorophenol
Concen: 133.264 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

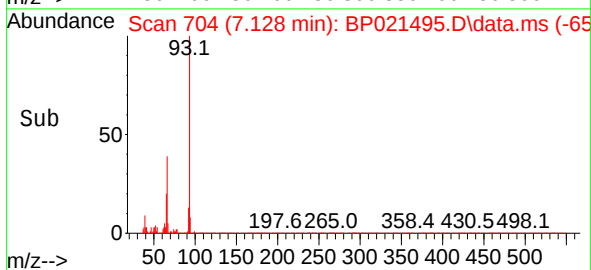
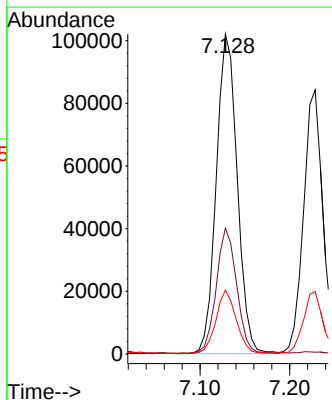
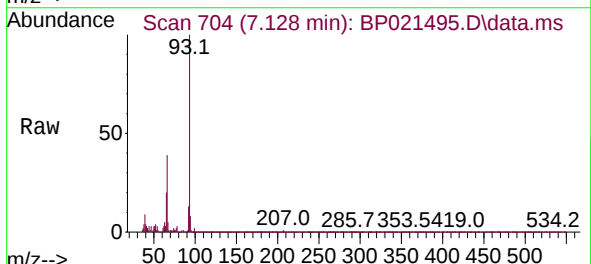
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

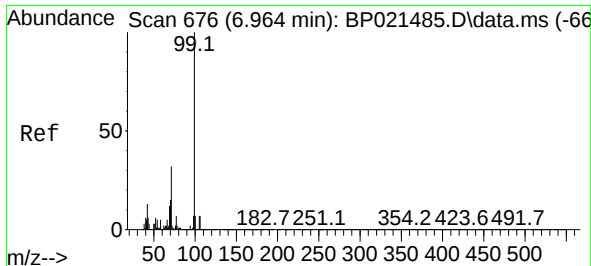
Tgt Ion:112 Resp: 3144403
Ion Ratio Lower Upper
112 100
64 58.8 49.0 73.6
63 29.4 24.6 36.8



#6
Aniline
Concen: 4.804 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 93 Resp: 165306
Ion Ratio Lower Upper
93 100
66 39.3 30.2 45.2
65 20.0 14.7 22.1



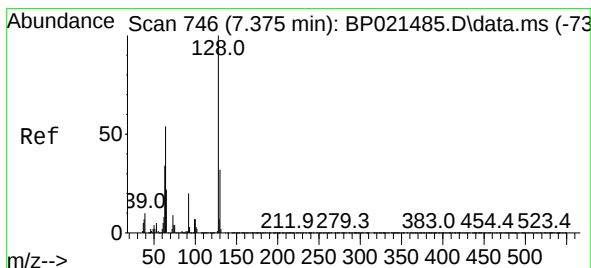
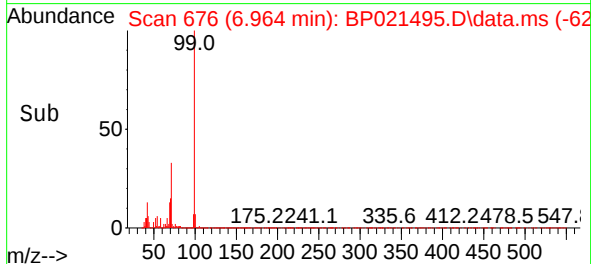
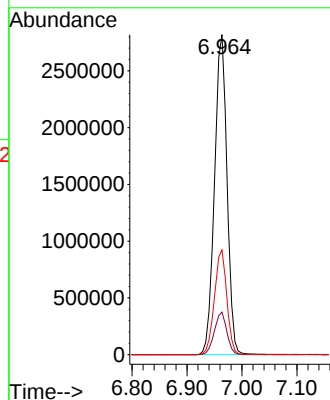
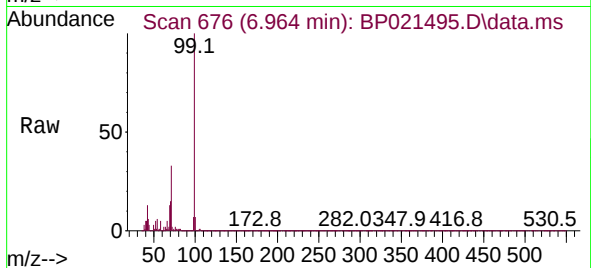


#7
Phenol-d6
Concen: 129.727 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 99 Resp: 4465209

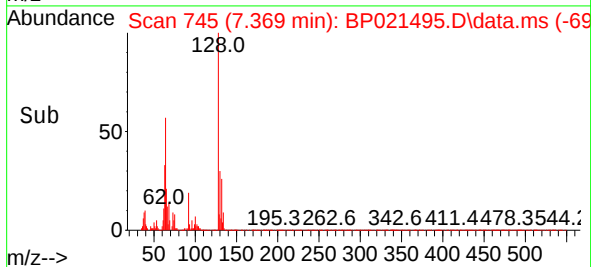
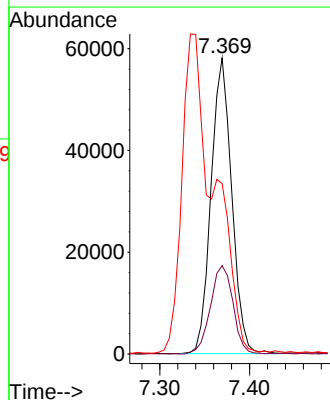
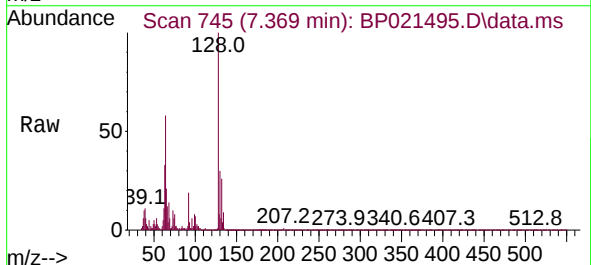
Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.2	15.4
71	32.8	25.8	38.8

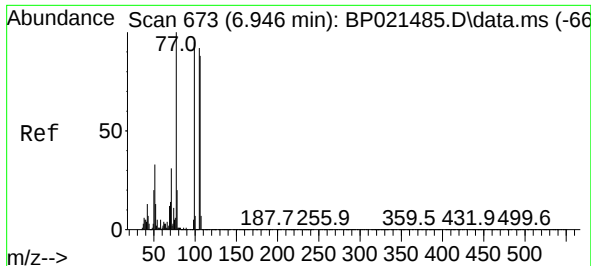


#8
2-Chlorophenol
Concen: 4.270 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 128 Resp: 93103

Ion	Ratio	Lower	Upper
128	100		
130	29.9	11.6	51.6
64	57.6	35.3	75.3

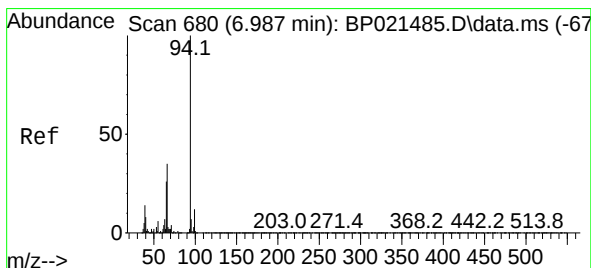
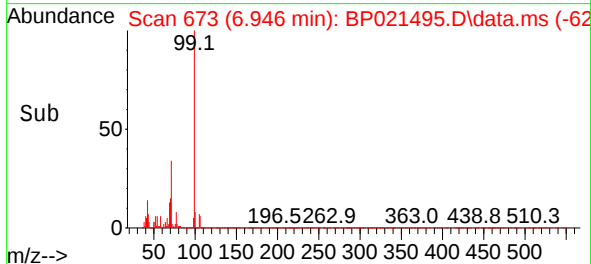
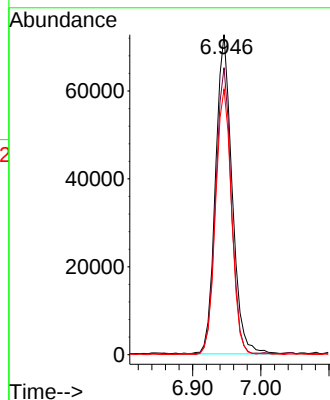
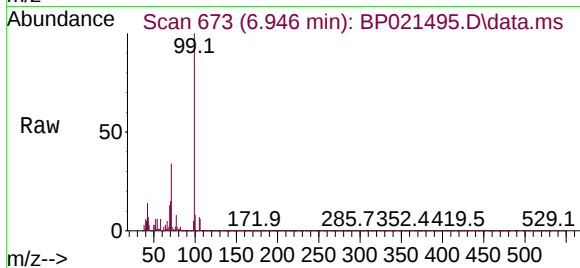




#9
Benzaldehyde
Concen: 5.568 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

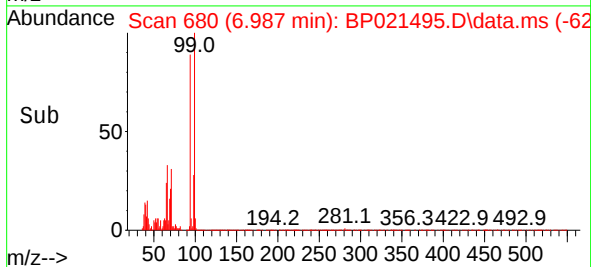
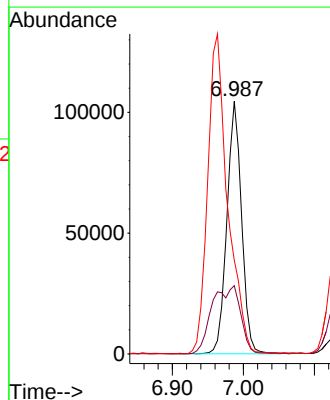
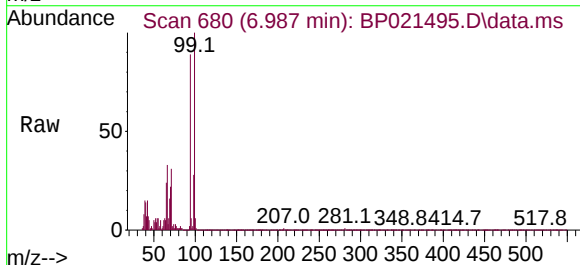
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

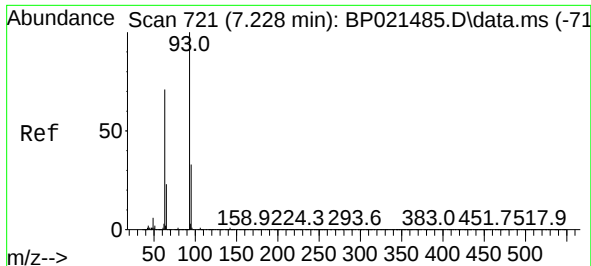
Tgt Ion: 77 Resp: 122704
Ion Ratio Lower Upper
77 100
105 89.7 72.1 112.1
106 83.0 67.9 107.9



#10
Phenol
Concen: 4.199 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 94 Resp: 149662
Ion Ratio Lower Upper
94 100
65 27.0 6.5 46.5
66 37.1 14.7 54.7

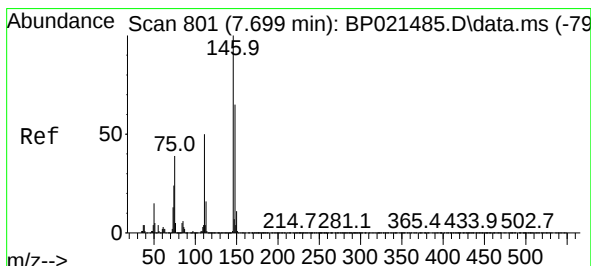
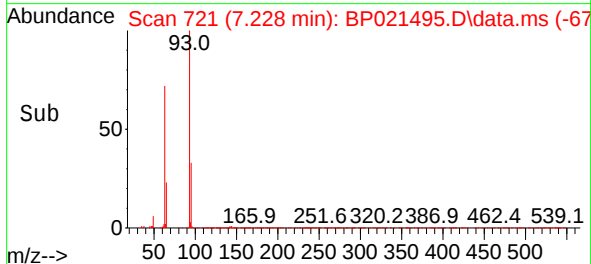
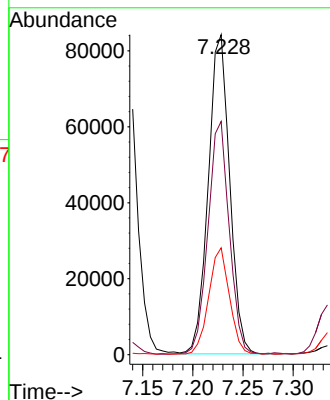
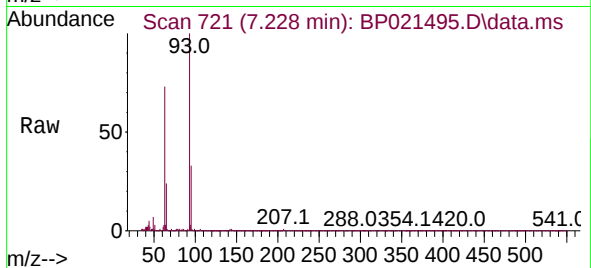




#11
bis(2-Chloroethyl)ether
Concen: 4.137 ng
RT: 7.228 min Scan# 721
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

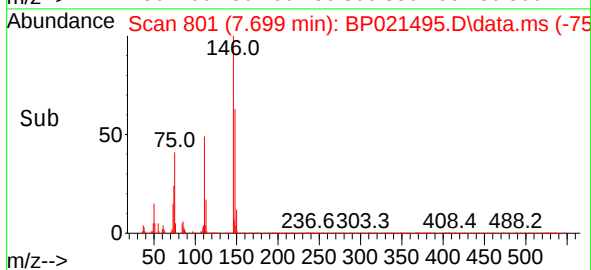
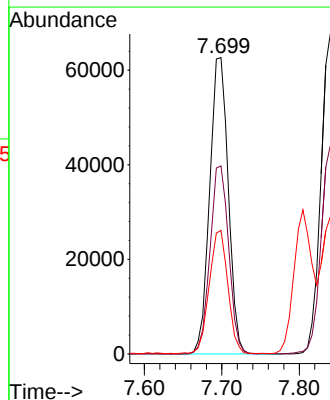
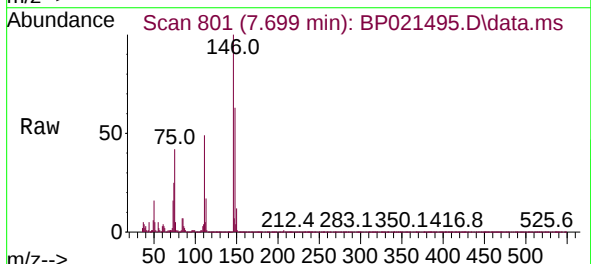
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

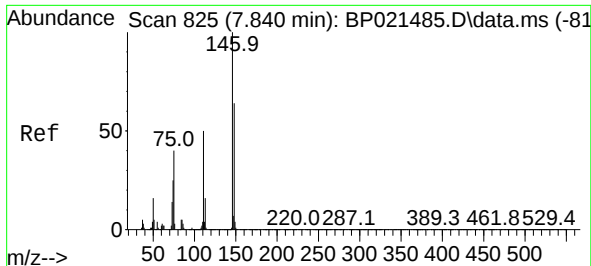
Tgt Ion: 93 Resp: 124785
Ion Ratio Lower Upper
93 100
63 72.9 51.0 91.0
95 33.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 4.025 ng
RT: 7.699 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 146 Resp: 104255
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 41.7 31.3 46.9

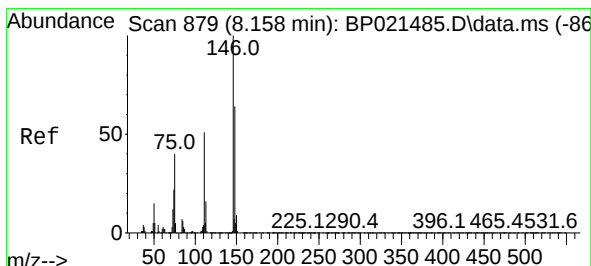
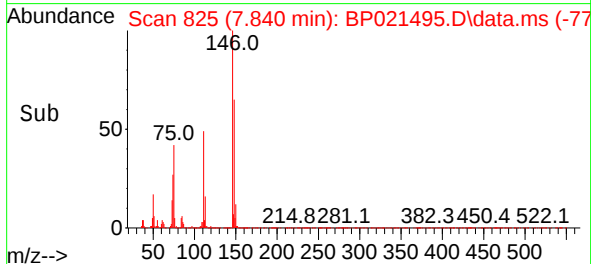
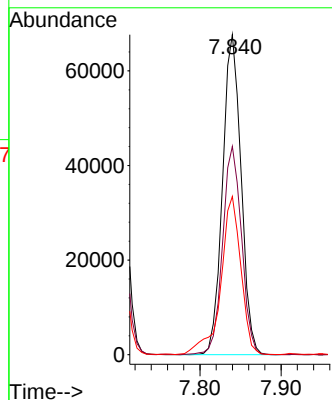
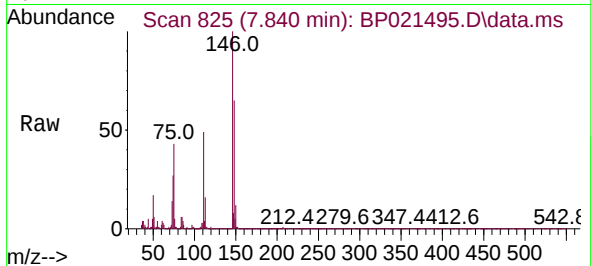




#13
1,4-Dichlorobenzene
Concen: 4.100 ng
RT: 7.840 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

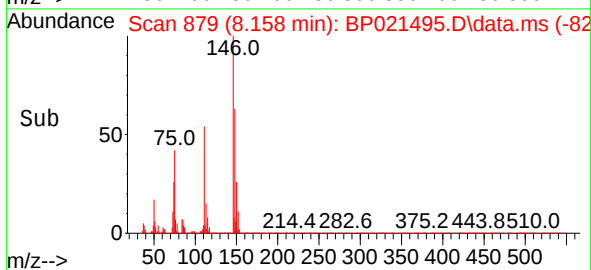
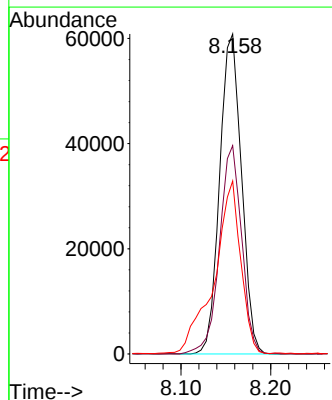
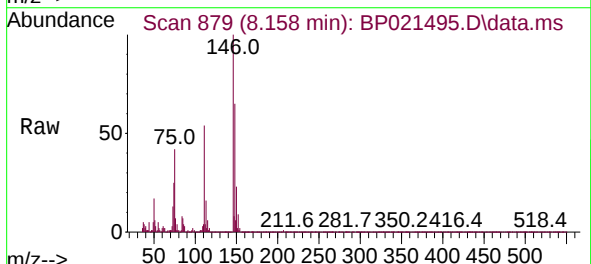
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

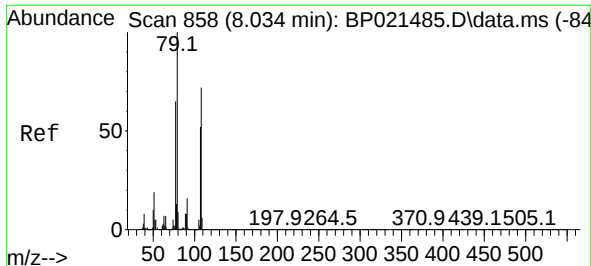
Tgt Ion:146 Resp: 107220
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 49.5 40.3 60.5



#14
1,2-Dichlorobenzene
Concen: 4.070 ng
RT: 8.158 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:146 Resp: 102582
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
111 54.1 41.1 61.7

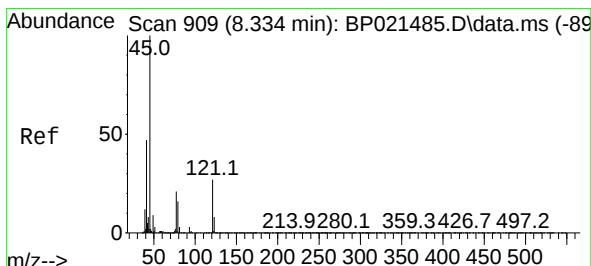
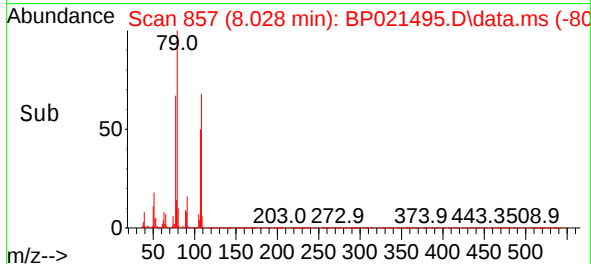
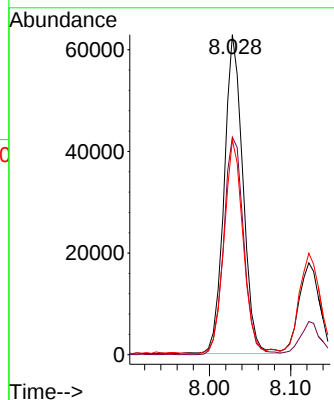
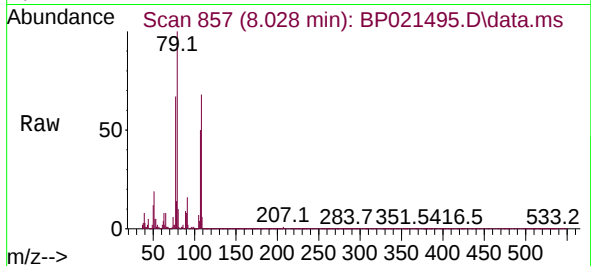




#15
Benzyl Alcohol
Concen: 4.095 ng
RT: 8.028 min Scan# 857
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

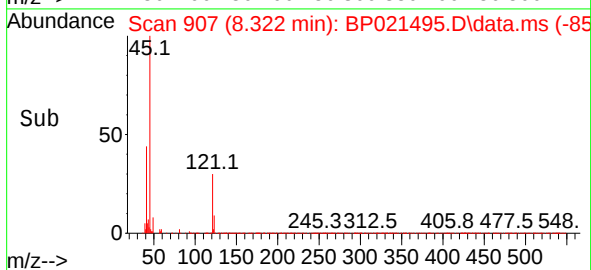
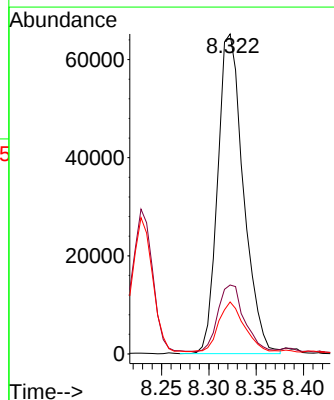
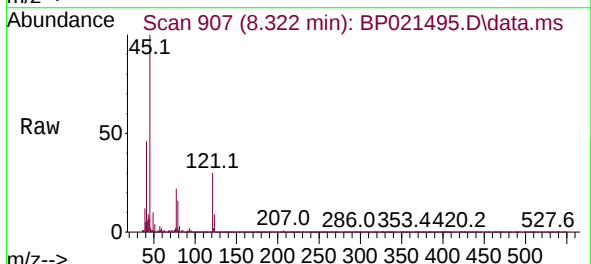
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

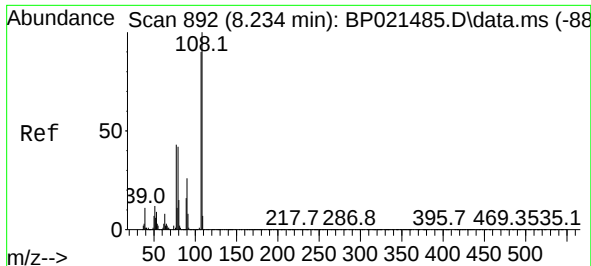
Tgt Ion: 79 Resp: 101144
Ion Ratio Lower Upper
79 100
108 68.0 57.9 86.9
77 67.2 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 4.437 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 45 Resp: 123233
Ion Ratio Lower Upper
45 100
77 21.5 1.9 41.9
79 16.3 0.0 36.6

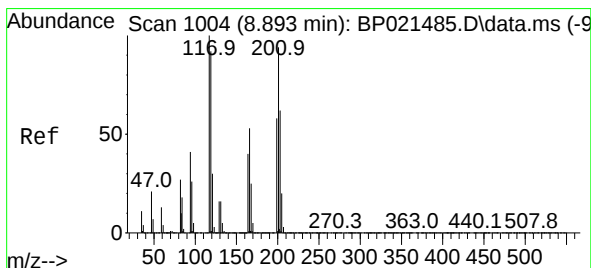
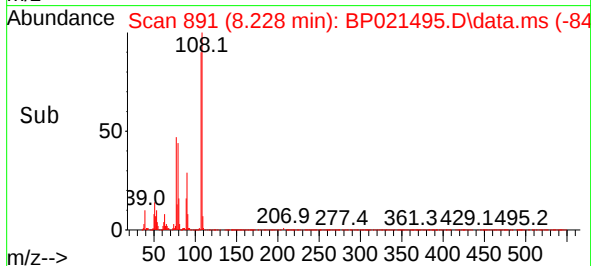
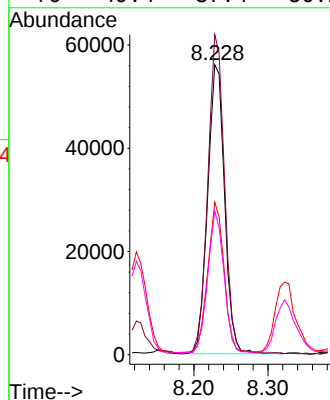
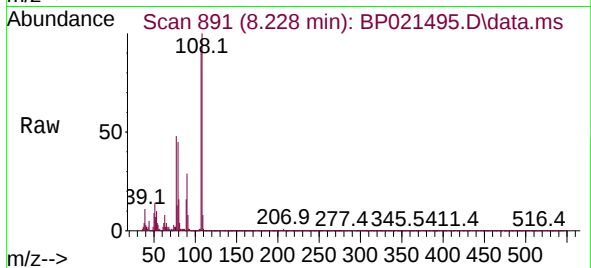




#17
2-Methylphenol
Concen: 3.941 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

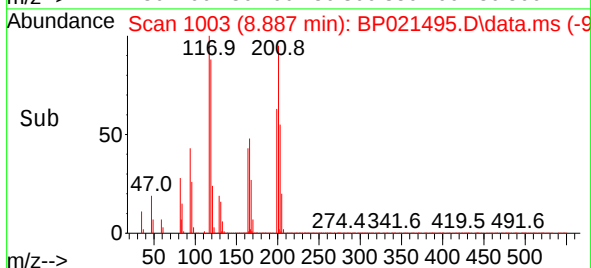
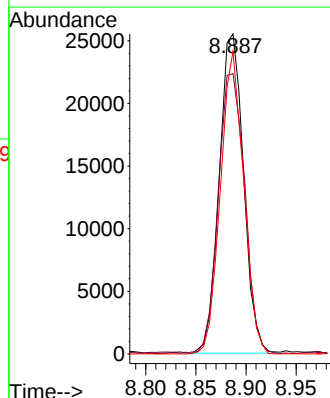
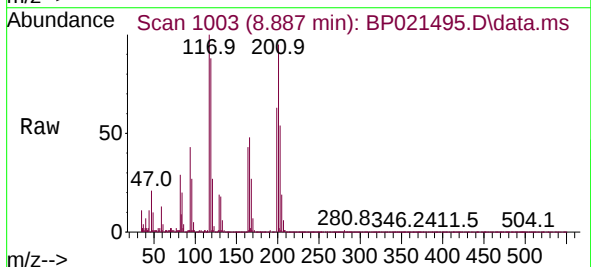
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

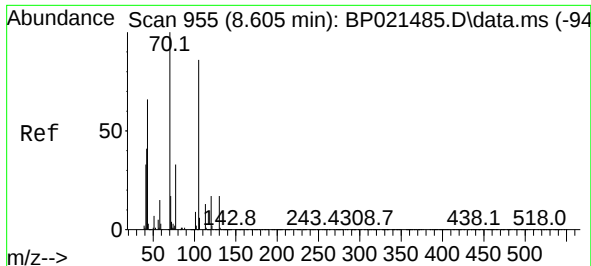
Tgt Ion:	107	Resp:	88805
Ion	Ratio	Lower	Upper
107	100		
108	110.4	88.8	133.2
77	52.5	38.7	58.1
79	49.4	37.4	56.2



#18
Hexachloroethane
Concen: 4.095 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:	117	Resp:	42950
Ion	Ratio	Lower	Upper
117	100		
119	87.6	73.9	110.9
201	94.6	74.9	112.3





#19

n-Nitroso-di-n-propylamine

Concen: 4.081 ng

RT: 8.599 min Scan# 954

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 70 Resp: 97025

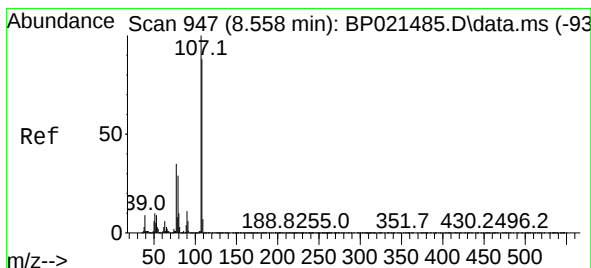
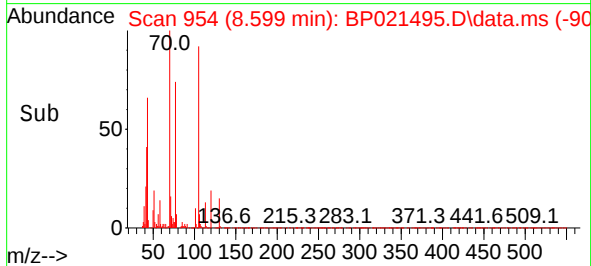
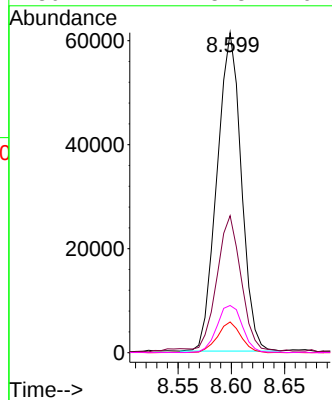
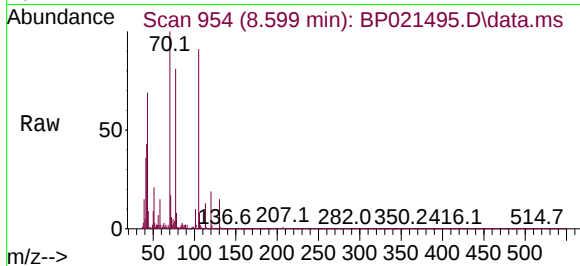
Ion Ratio Lower Upper

70 100

42 42.8 33.1 49.7

101 9.6 7.4 11.2

130 14.7 13.3 19.9



#20

3+4-Methylphenols

Concen: 3.737 ng

RT: 8.552 min Scan# 946

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion: 107 Resp: 113534

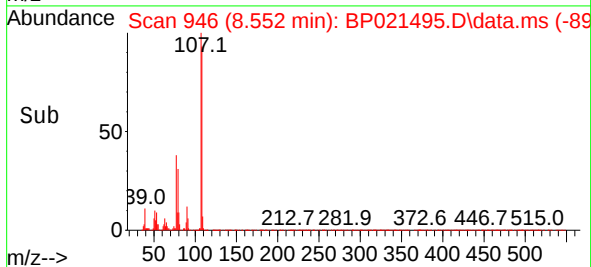
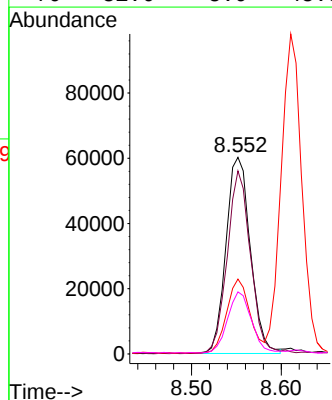
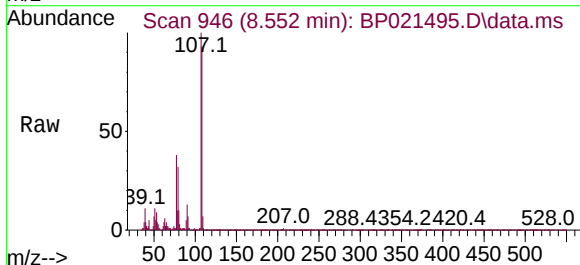
Ion Ratio Lower Upper

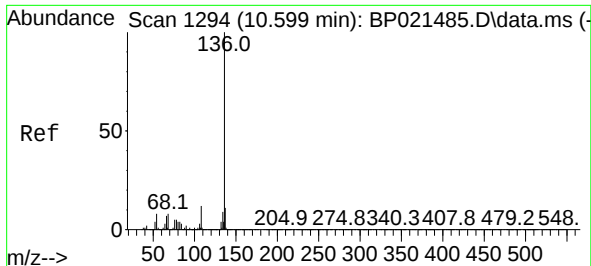
107 100

108 93.0 67.6 107.6

77 38.1 15.0 55.0

79 31.6 8.9 48.9

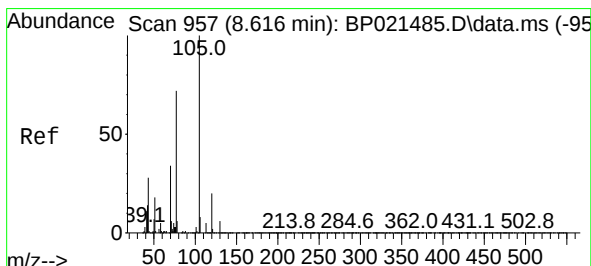
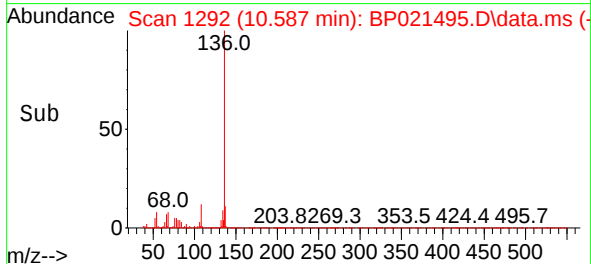
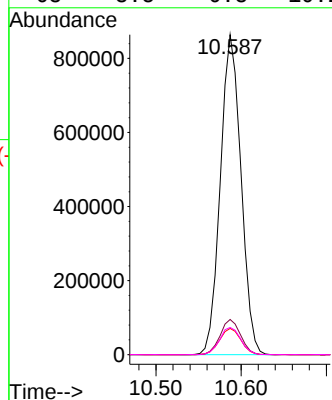
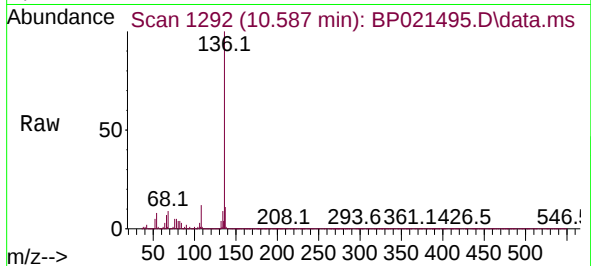




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

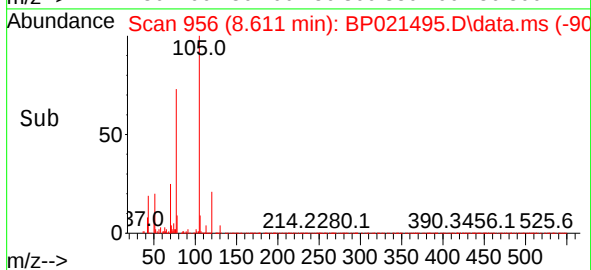
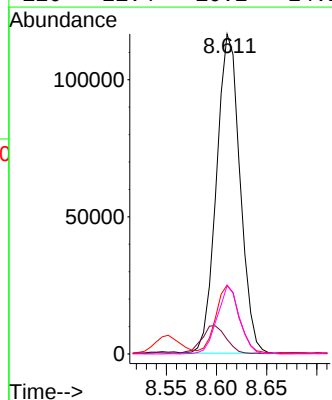
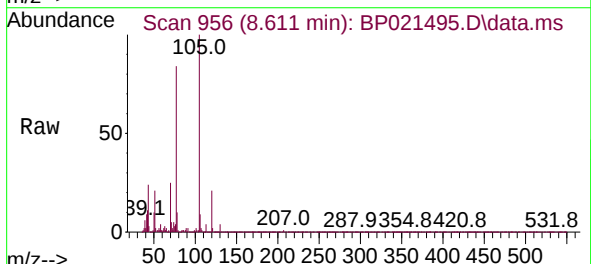
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

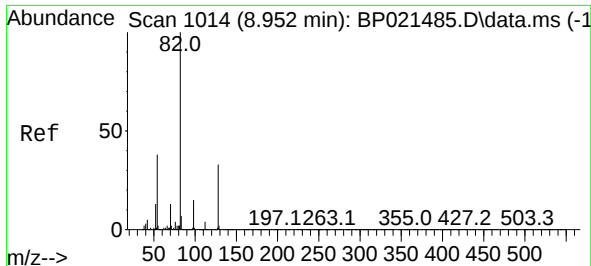
Tgt Ion:136 Resp: 1452428
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 6.3 9.5
68 8.5 6.8 10.2



#22
Acetophenone
Concen: 4.248 ng
RT: 8.611 min Scan# 956
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:105 Resp: 189541
Ion Ratio Lower Upper
105 100
71 4.5 4.6 7.0#
51 21.5 16.3 24.5
120 21.4 16.2 24.2





#23

Nitrobenzene-d5

Concen: 99.014 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

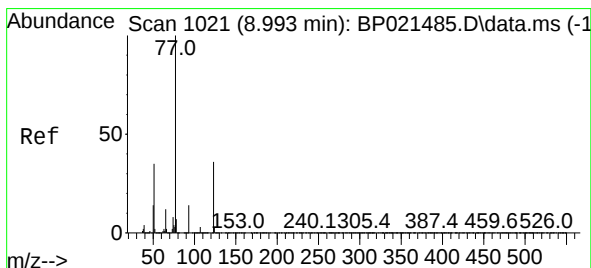
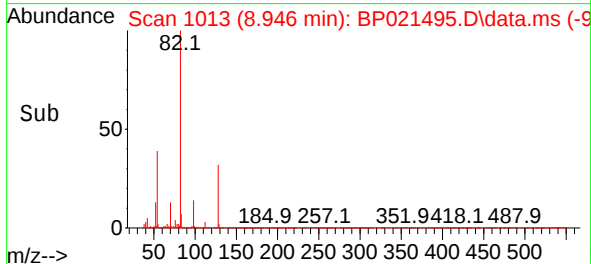
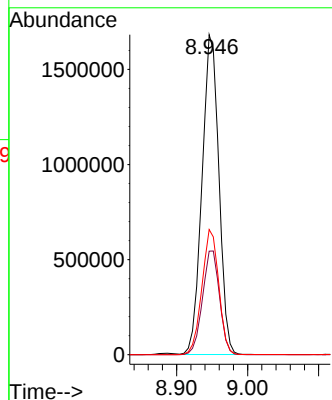
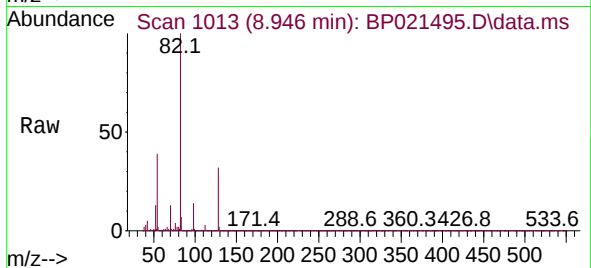
Tgt Ion: 82 Resp: 2786207

Ion Ratio Lower Upper

82 100

128 32.3 26.5 39.7

54 39.1 30.3 45.5



#24

Nitrobenzene

Concen: 4.658 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

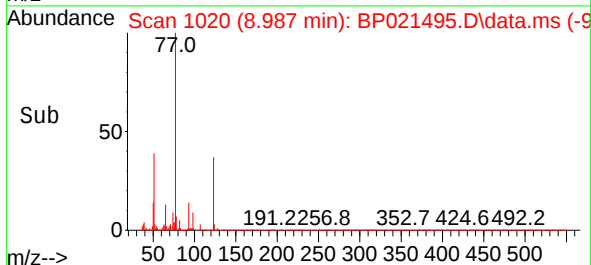
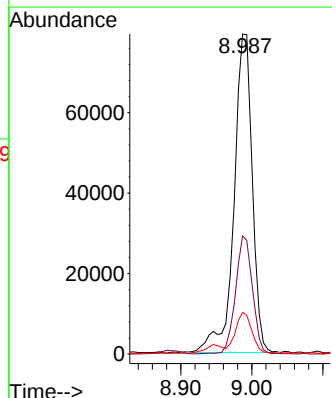
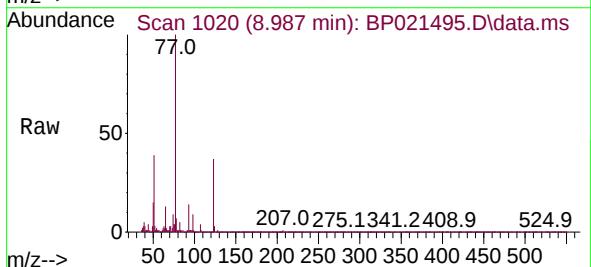
Tgt Ion: 77 Resp: 142350

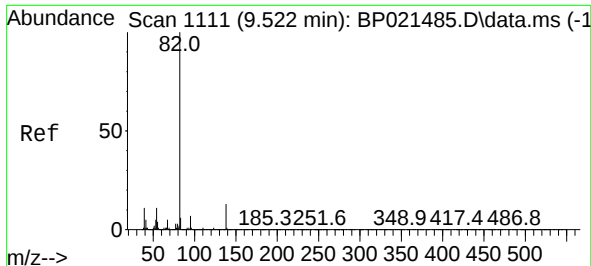
Ion Ratio Lower Upper

77 100

123 36.9 29.5 44.3

65 13.0 9.9 14.9

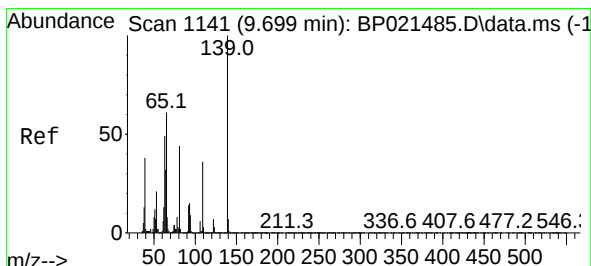
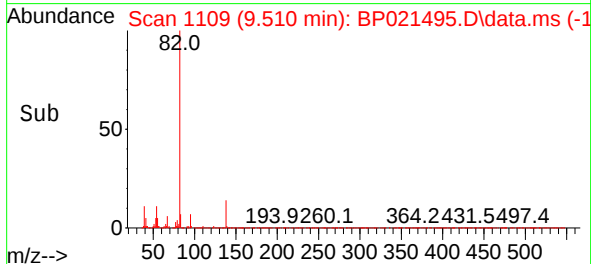
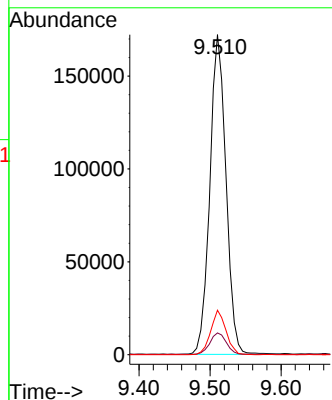
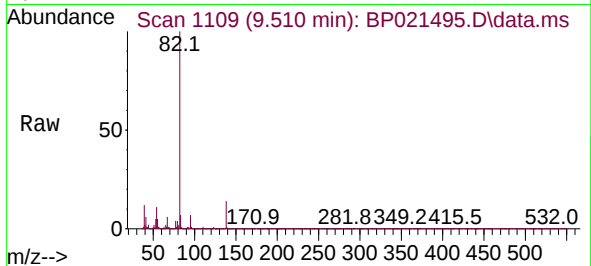




#25
Isophorone
Concen: 4.098 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

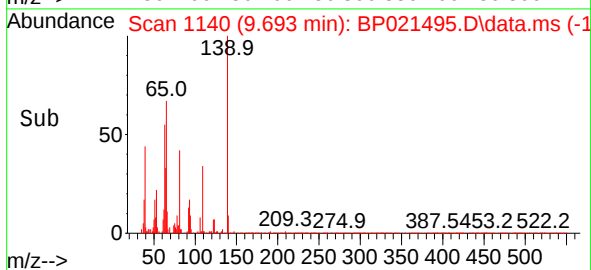
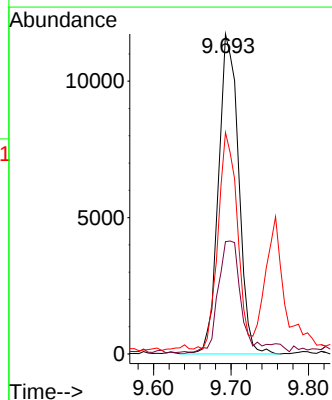
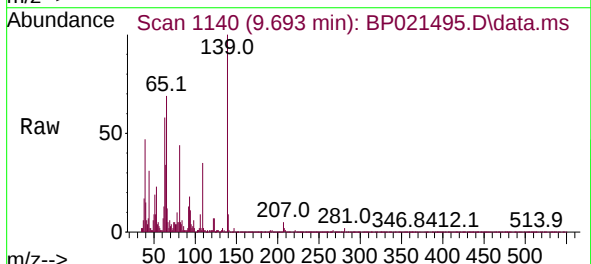
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

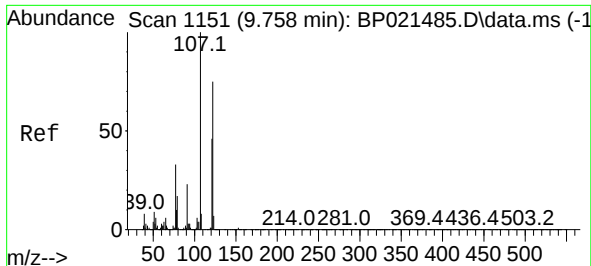
Tgt Ion: 82 Resp: 272418
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 13.9 10.6 16.0



#26
2-Nitrophenol
Concen: 4.780 ng
RT: 9.693 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 139 Resp: 21194
Ion Ratio Lower Upper
139 100
109 35.1 28.9 43.3
65 69.2 49.0 73.6

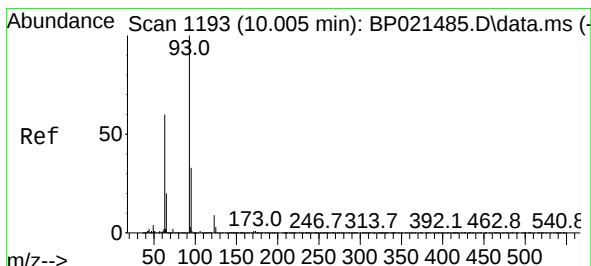
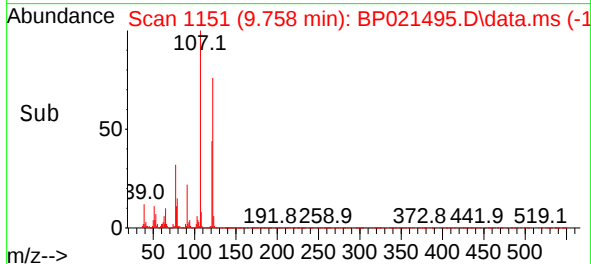
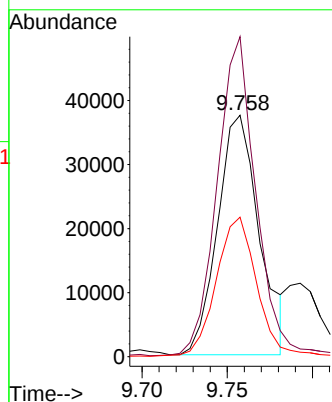
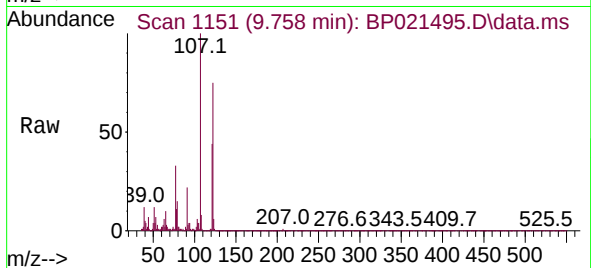




#27
2,4-Dimethylphenol
Concen: 3.880 ng
RT: 9.758 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

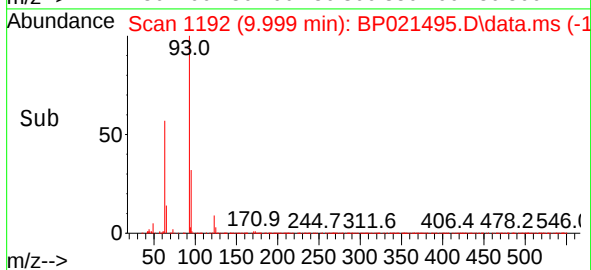
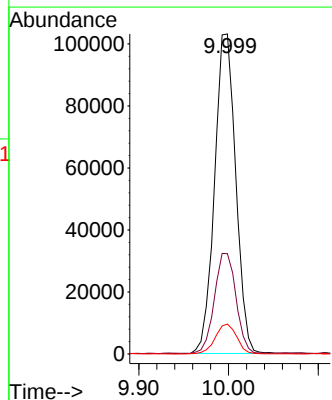
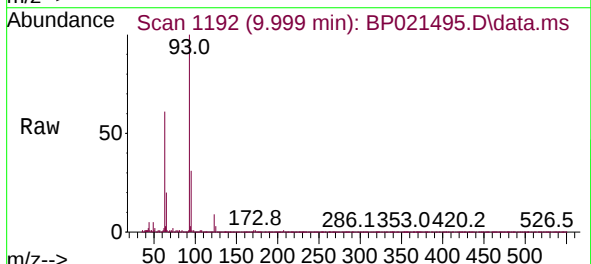
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

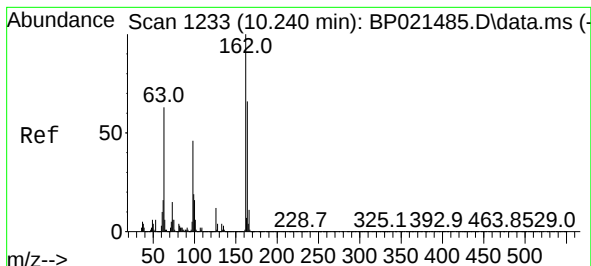
Tgt Ion:122 Resp: 63658
Ion Ratio Lower Upper
122 100
107 132.5 106.2 159.4
121 57.8 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 4.172 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 93 Resp: 169283
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 9.3 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 3.669 ng

RT: 10.228 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

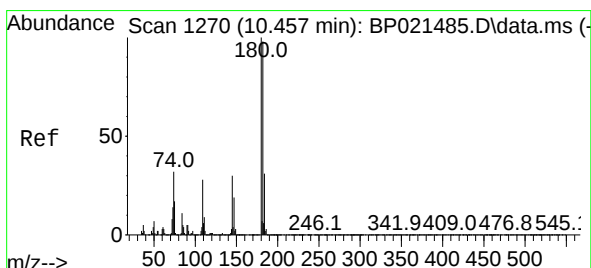
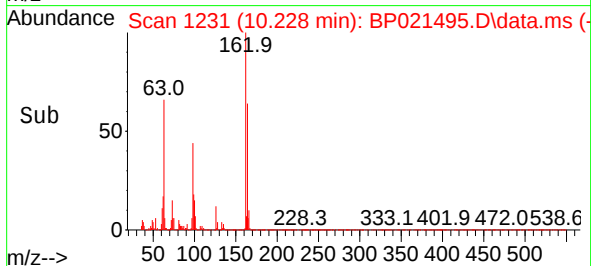
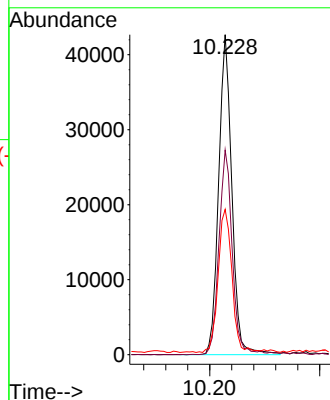
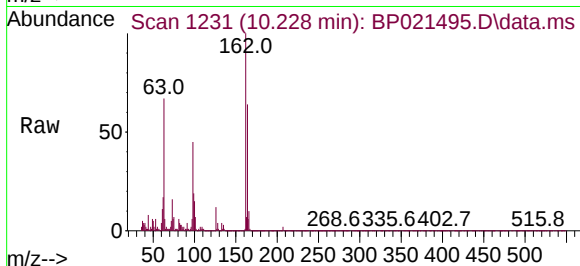
Tgt Ion:162 Resp: 71114

Ion Ratio Lower Upper

162 100

164 63.9 45.9 85.9

98 45.4 26.3 66.3



#30

1,2,4-Trichlorobenzene

Concen: 3.988 ng

RT: 10.452 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

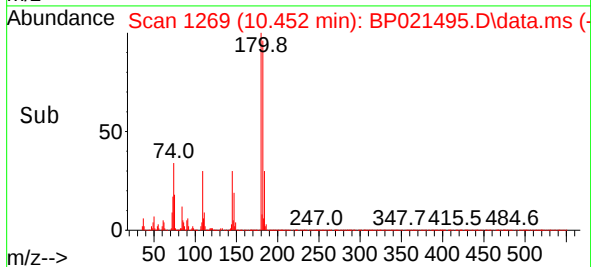
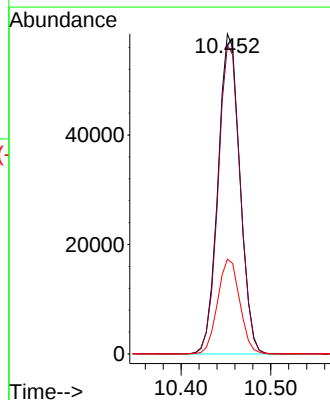
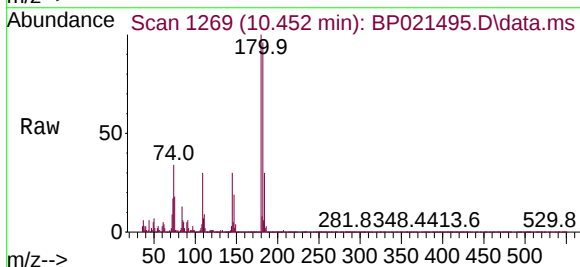
Tgt Ion:180 Resp: 99108

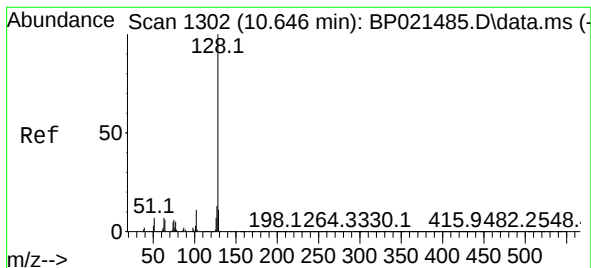
Ion Ratio Lower Upper

180 100

182 96.5 78.3 117.5

145 29.6 24.0 36.0





#31

Naphthalene

Concen: 4.107 ng

RT: 10.640 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

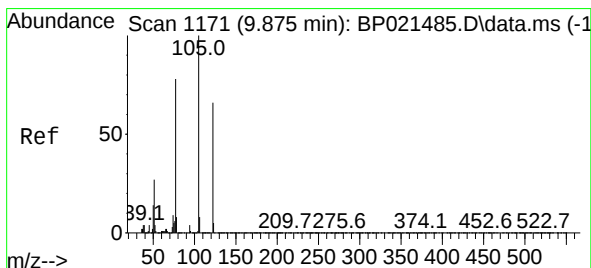
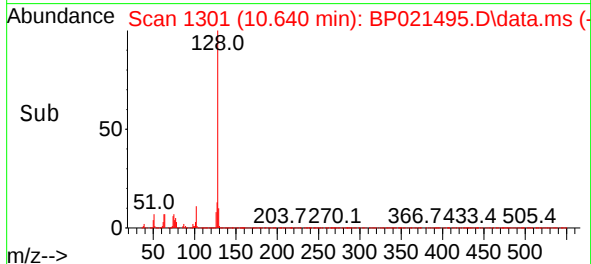
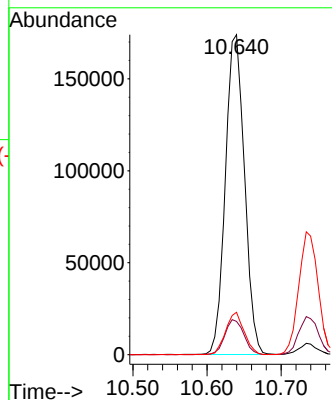
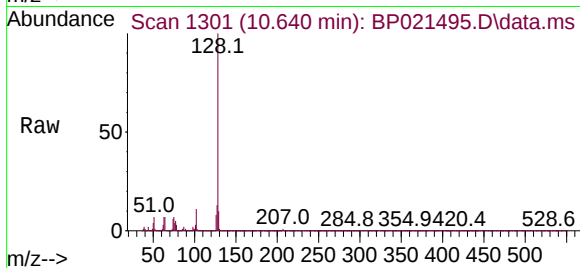
Tgt Ion:128 Resp: 311582

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 11.014 ng

RT: 9.758 min Scan# 1151

Delta R.T. -0.117 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

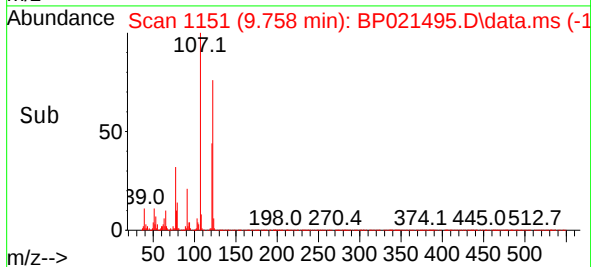
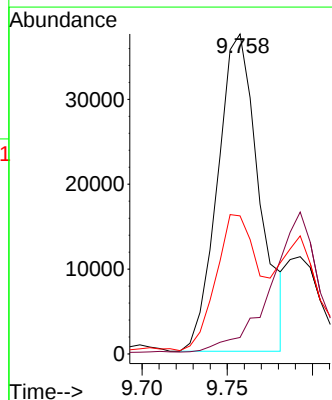
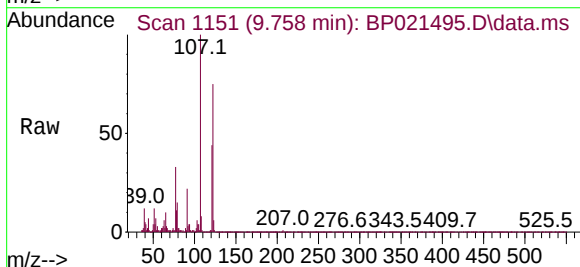
Tgt Ion:122 Resp: 63658

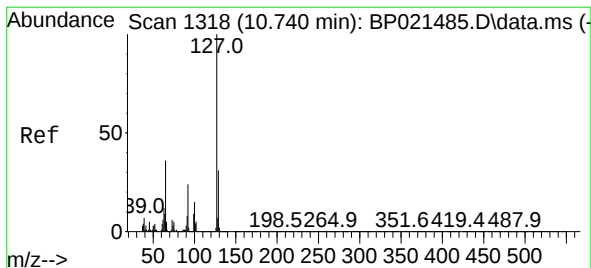
Ion Ratio Lower Upper

122 100

105 5.1 124.6 164.6#

77 43.2 96.2 136.2#





#33

4-Chloroaniline

Concen: 4.275 ng

RT: 10.734 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:127 Resp: 121850

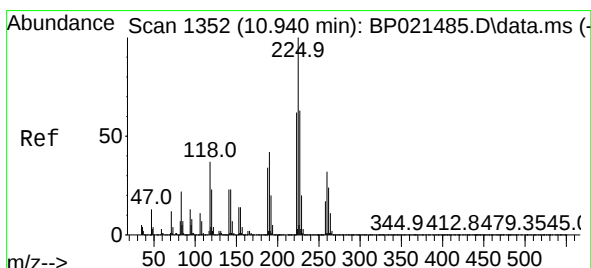
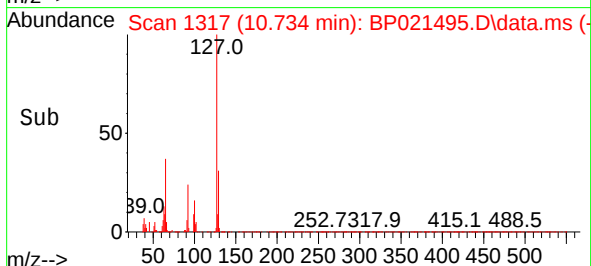
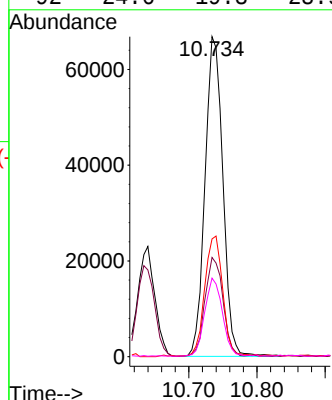
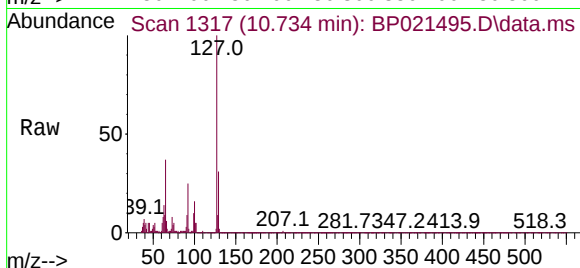
Ion Ratio Lower Upper

127 100

129 31.0 24.5 36.7

65 36.8 28.9 43.3

92 24.6 19.3 28.9



#34

Hexachlorobutadiene

Concen: 3.915 ng

RT: 10.934 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

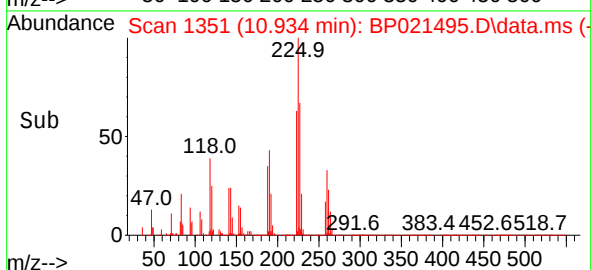
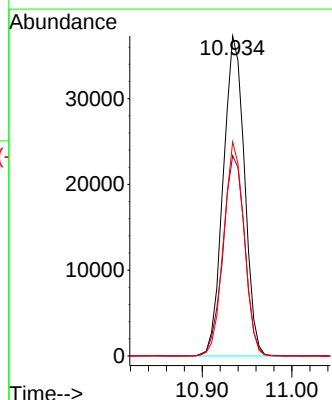
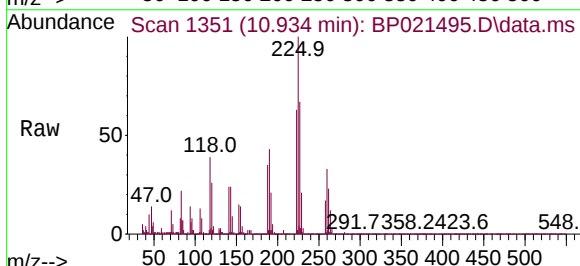
Tgt Ion:225 Resp: 61259

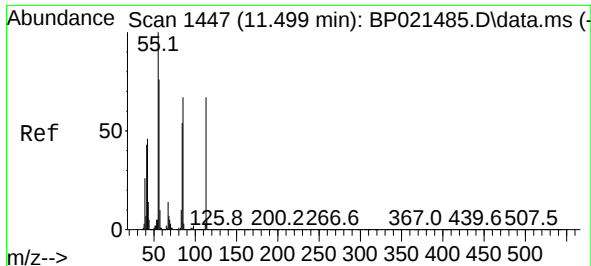
Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

227 66.9 50.1 75.1





#35

Caprolactam

Concen: 3.677 ng

RT: 11.469 min Scan# 1447

Delta R.T. -0.029 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

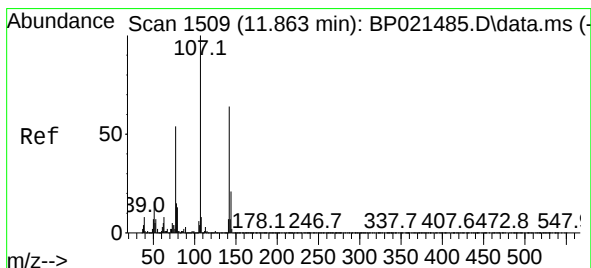
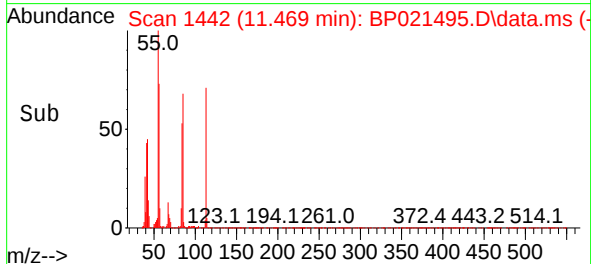
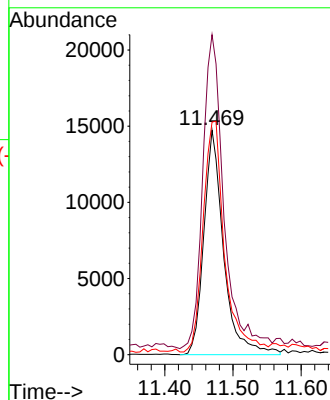
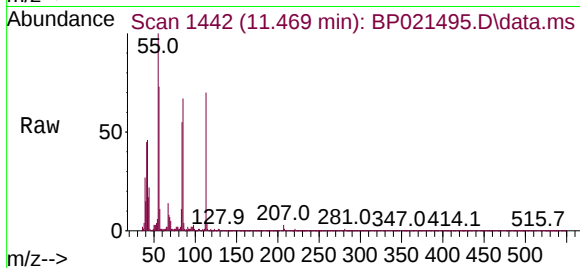
Tgt Ion:113 Resp: 29667

Ion Ratio Lower Upper

113 100

55 142.6 130.6 170.6

56 103.7 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 3.602 ng

RT: 11.852 min Scan# 1507

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

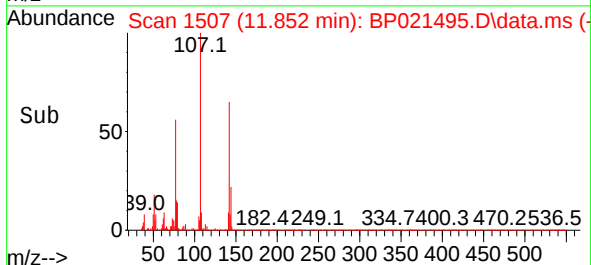
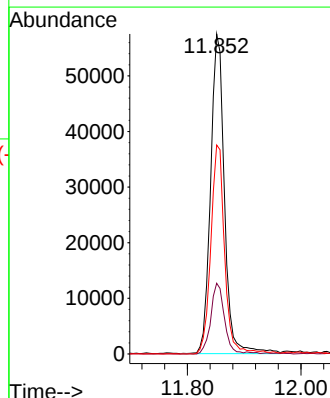
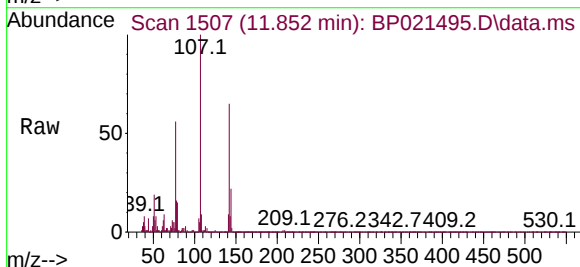
Tgt Ion:107 Resp: 96855

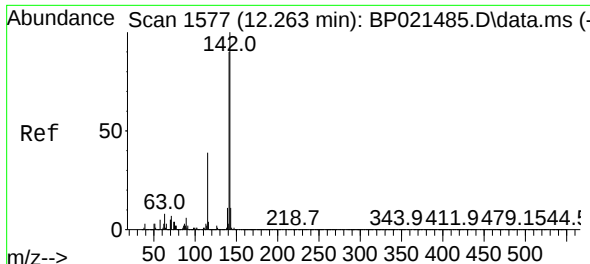
Ion Ratio Lower Upper

107 100

144 22.1 16.6 24.8

142 65.3 51.0 76.4

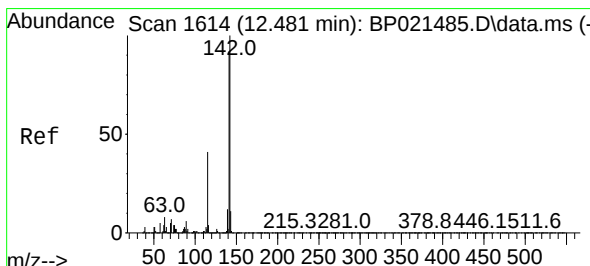
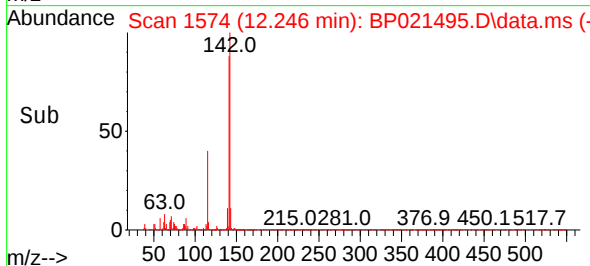
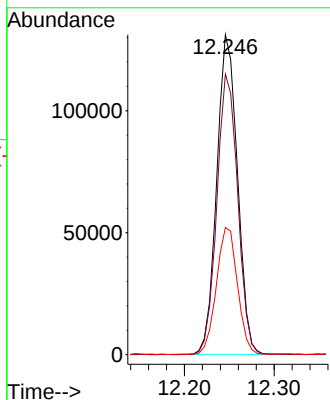
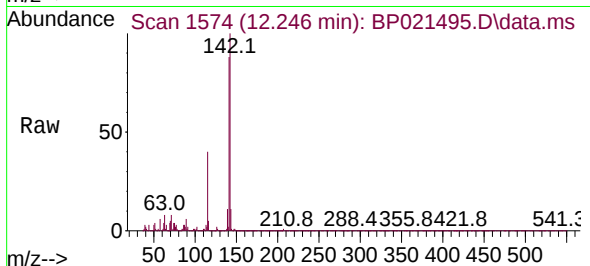




#37
2-Methylnaphthalene
Concen: 4.053 ng
RT: 12.246 min Scan# 1577
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

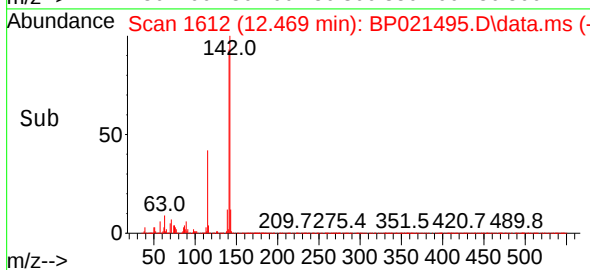
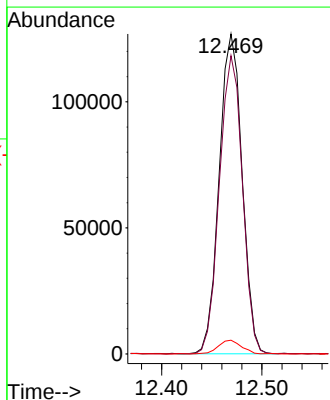
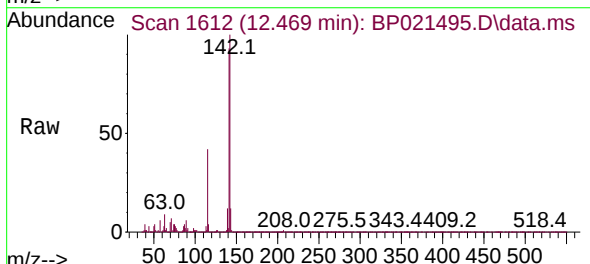
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

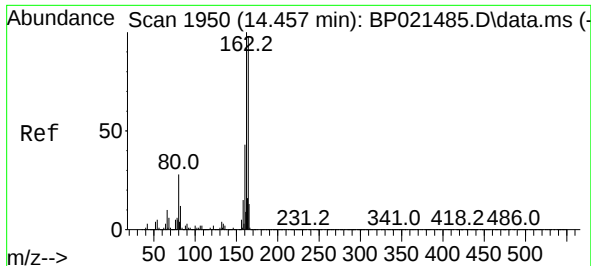
Tgt Ion:142 Resp: 209859
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5
115 39.8 31.4 47.2



#38
1-Methylnaphthalene
Concen: 3.940 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:142 Resp: 201235
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1950

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

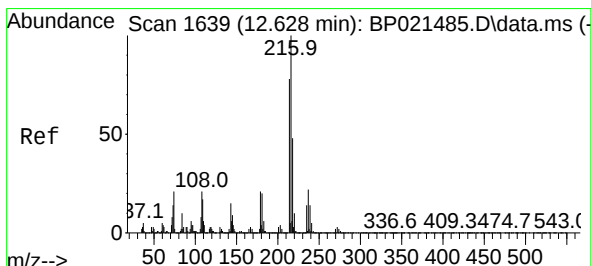
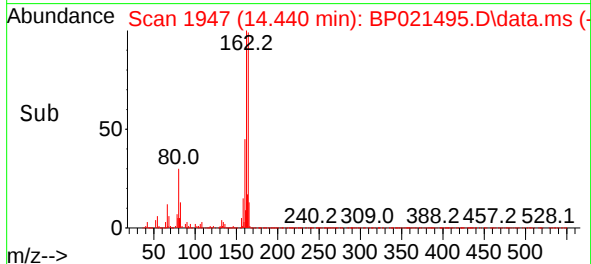
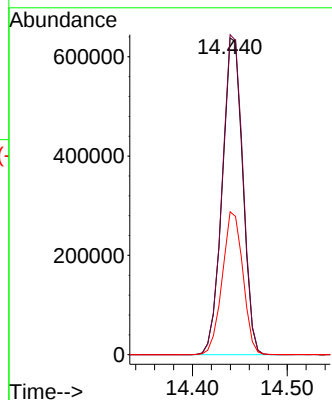
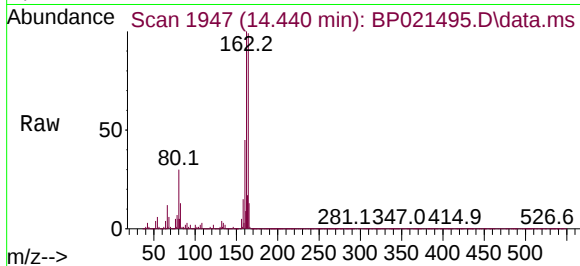
Tgt Ion:164 Resp: 958145

Ion Ratio Lower Upper

164 100

162 101.0 81.5 122.3

160 45.1 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.178 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:216 Resp: 117290

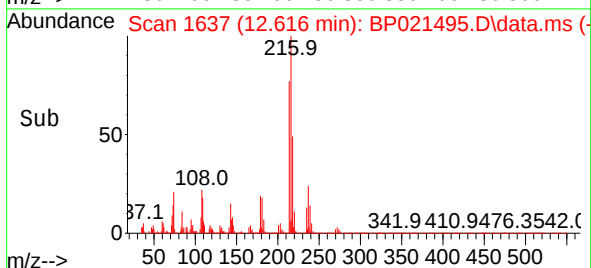
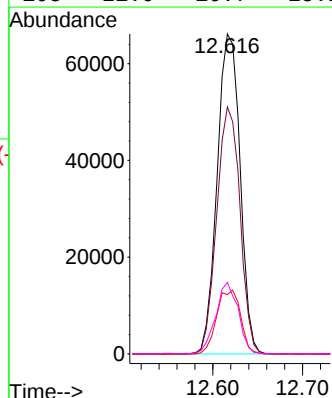
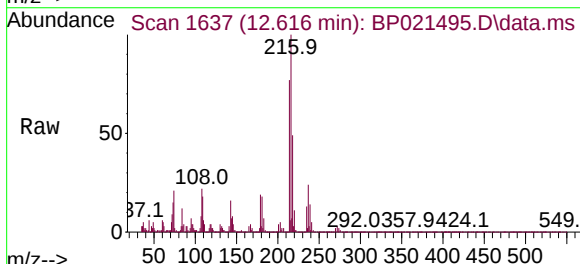
Ion Ratio Lower Upper

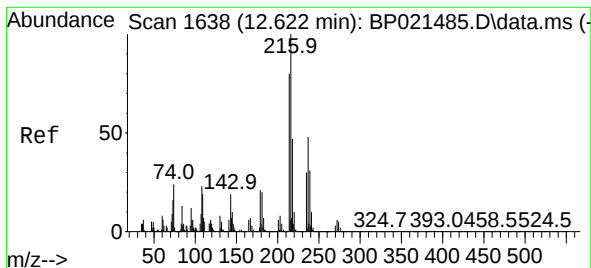
216 100

214 78.3 62.5 93.7

179 20.9 16.4 24.6

108 21.9 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 4.395 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

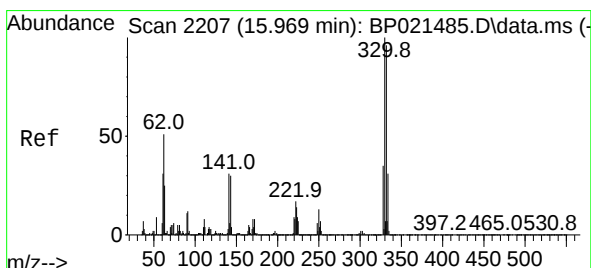
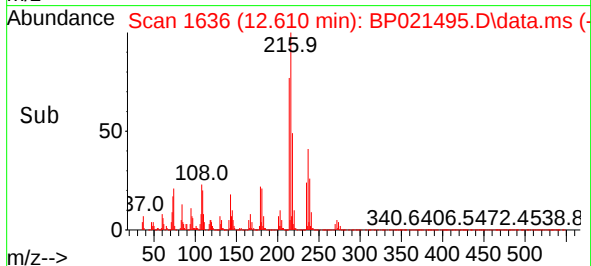
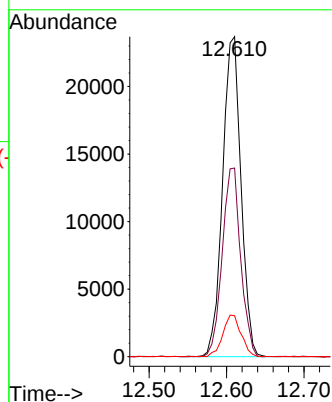
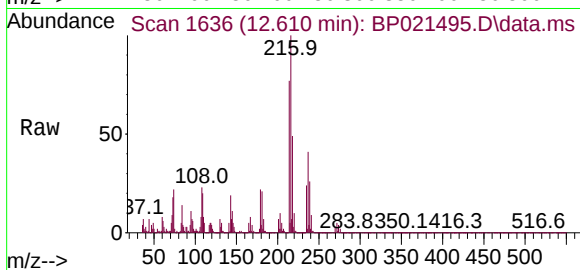
Tgt Ion:237 Resp: 39103

Ion Ratio Lower Upper

237 100

235 59.0 43.9 83.9

272 12.8 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 140.302 ng

RT: 15.951 min Scan# 2204

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

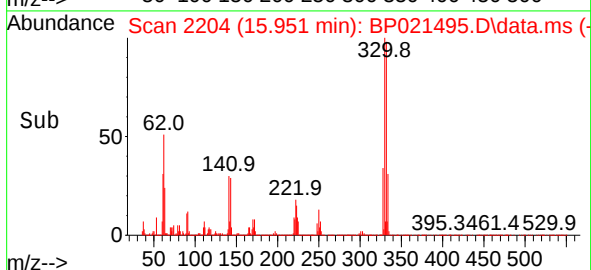
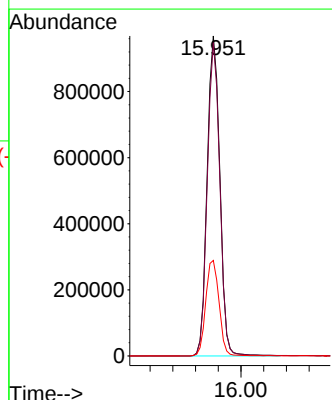
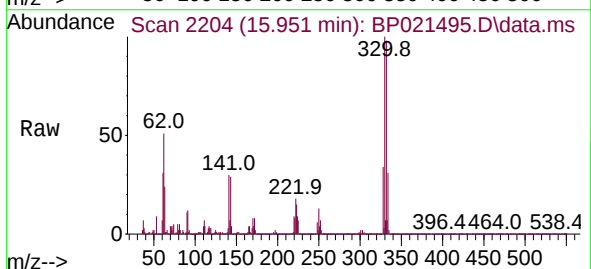
Tgt Ion:330 Resp: 1496148

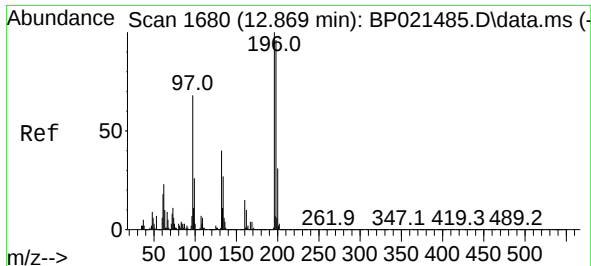
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 31.3 24.5 36.7

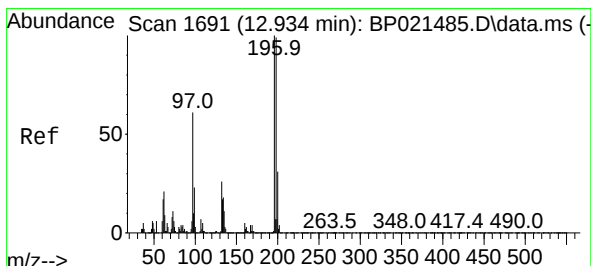
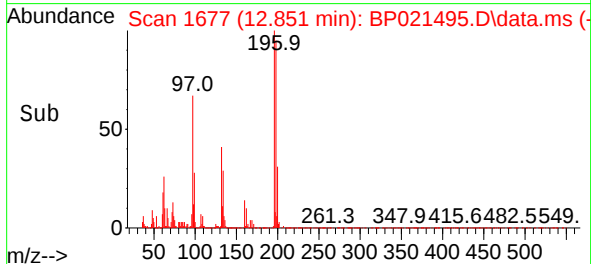
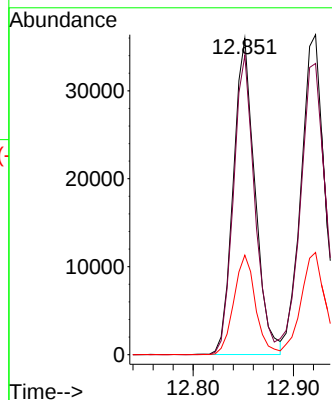
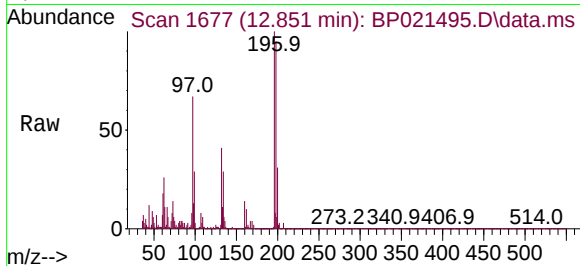




#43
2,4,6-Trichlorophenol
Concen: 3.472 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

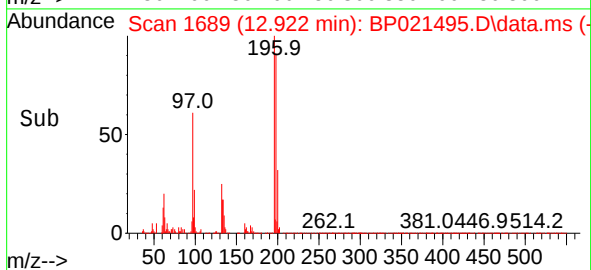
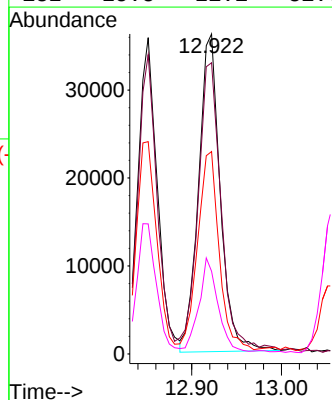
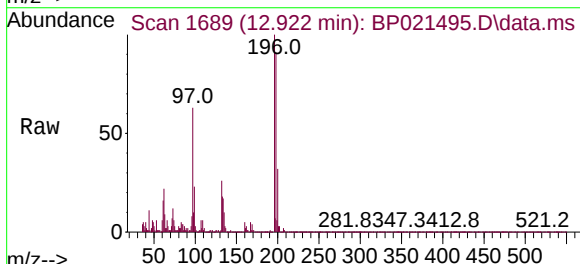
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

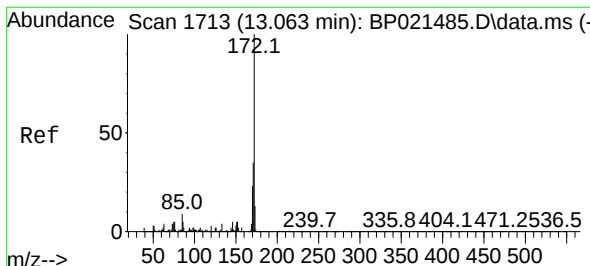
Tgt Ion:196 Resp: 54149
Ion Ratio Lower Upper
196 100
198 94.7 76.6 114.8
200 31.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 3.501 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:196 Resp: 60658
Ion Ratio Lower Upper
196 100
198 91.0 78.9 118.3
97 63.3 49.4 74.0
132 25.8 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 89.512 ng

RT: 13.057 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

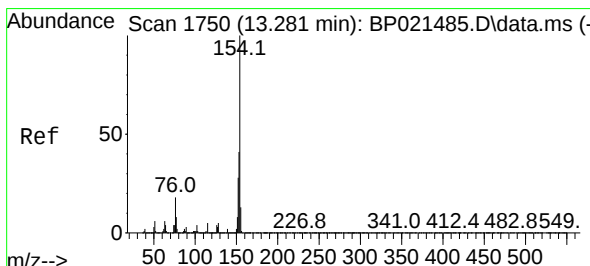
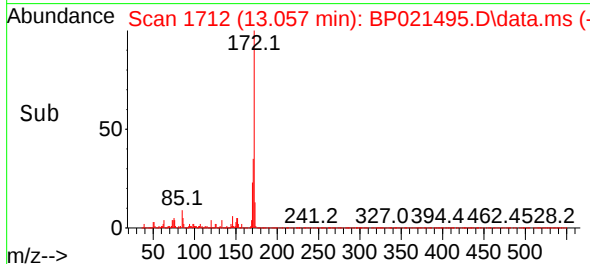
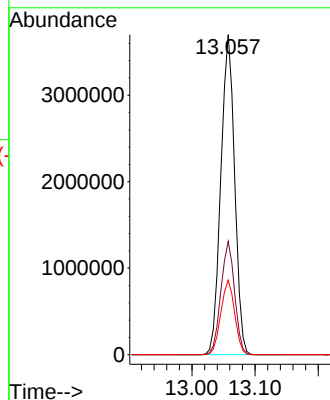
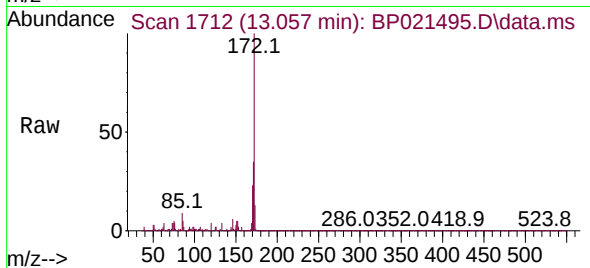
Tgt Ion:172 Resp: 5619671

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.3 18.4 27.6



#46

1,1'-Biphenyl

Concen: 4.353 ng

RT: 13.263 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

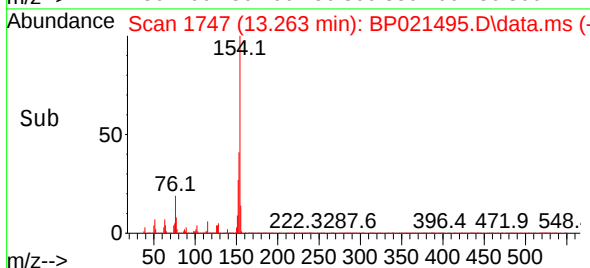
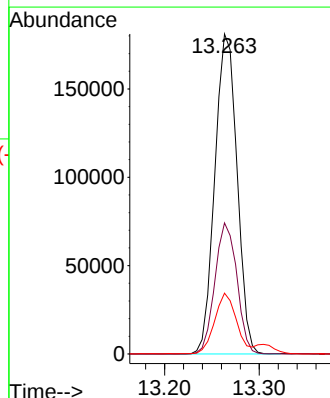
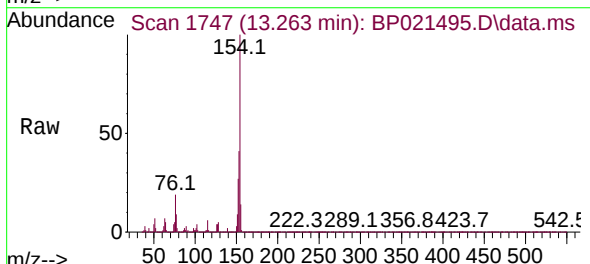
Tgt Ion:154 Resp: 295102

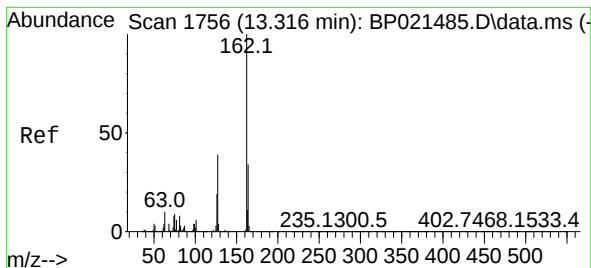
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 19.0 0.0 37.7





#47

2-Chloronaphthalene

Concen: 4.153 ng

RT: 13.304 min Scan# 1756

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

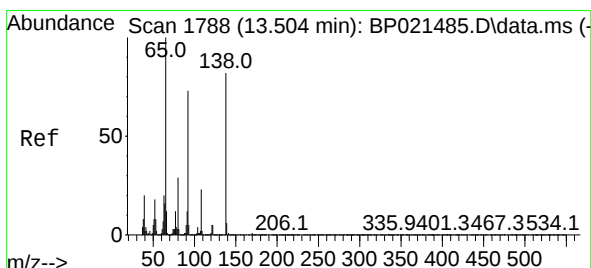
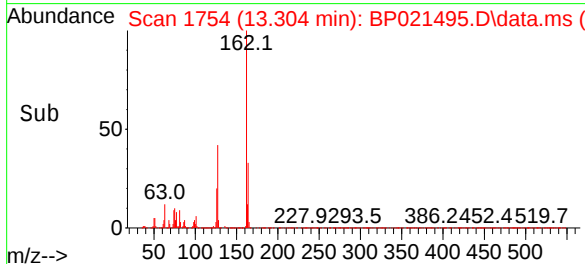
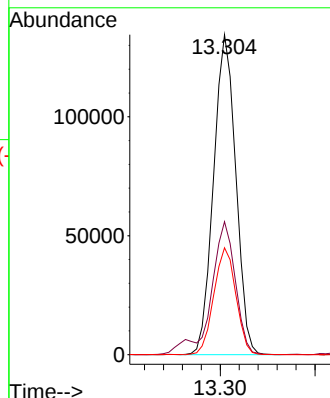
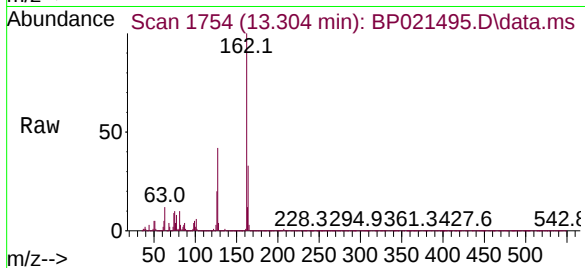
Tgt Ion:162 Resp: 219191

Ion Ratio Lower Upper

162 100

127 41.6 31.9 47.9

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 7.588 ng

RT: 13.493 min Scan# 1786

Delta R.T. -0.011 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

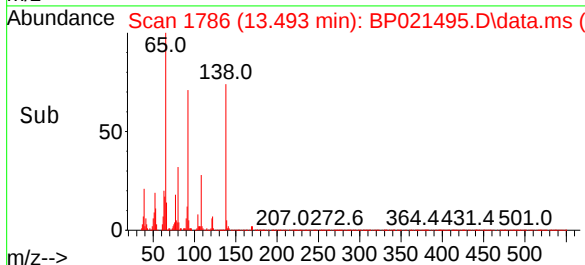
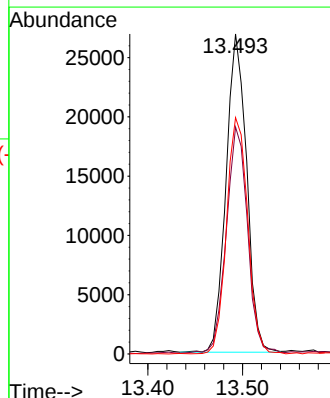
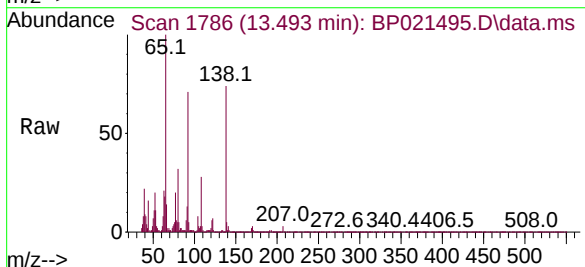
Tgt Ion: 65 Resp: 40440

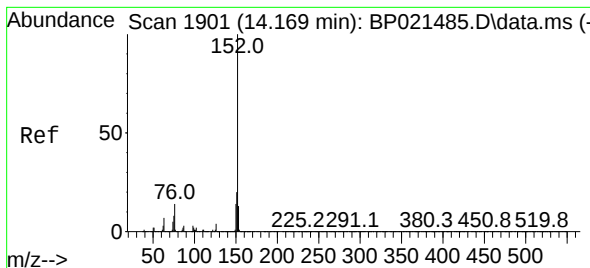
Ion Ratio Lower Upper

65 100

92 70.9 58.1 87.1

138 73.8 65.5 98.3





#49

Acenaphthylene

Concen: 4.389 ng

RT: 14.157 min Scan# 1899

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

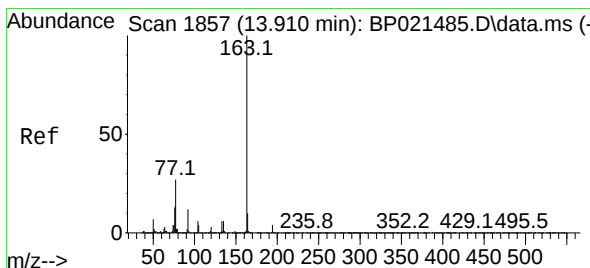
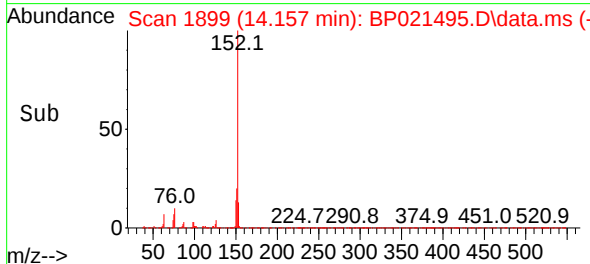
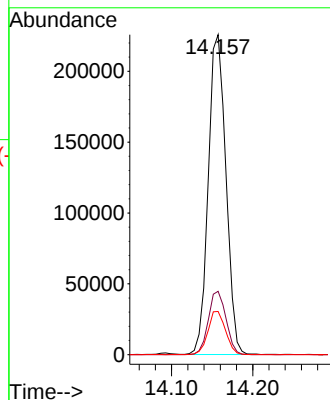
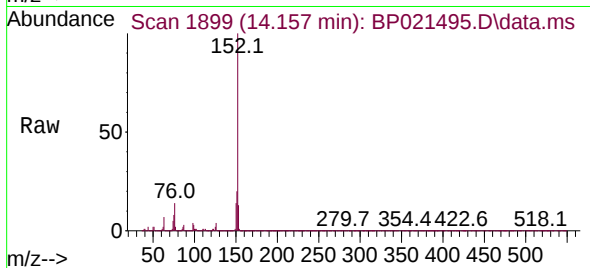
Tgt Ion:152 Resp: 340505

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 13.5 10.6 16.0



#50

Dimethylphthalate

Concen: 4.227 ng

RT: 13.887 min Scan# 1853

Delta R.T. -0.023 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

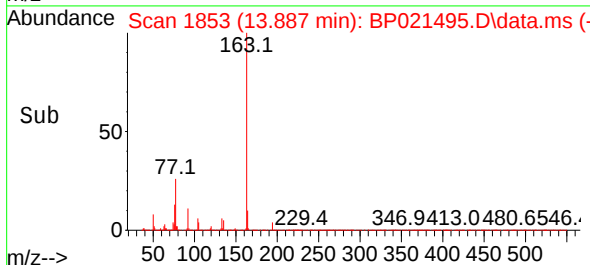
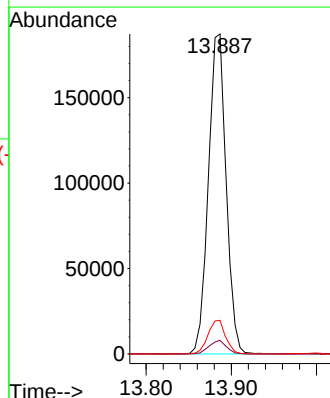
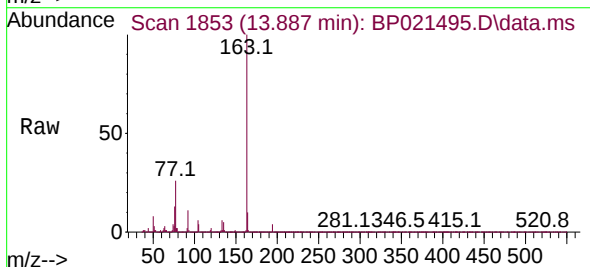
Tgt Ion:163 Resp: 271260

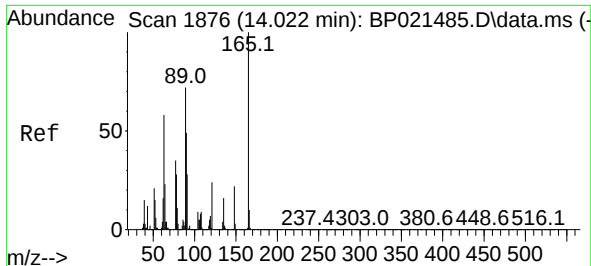
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.5 8.3 12.5

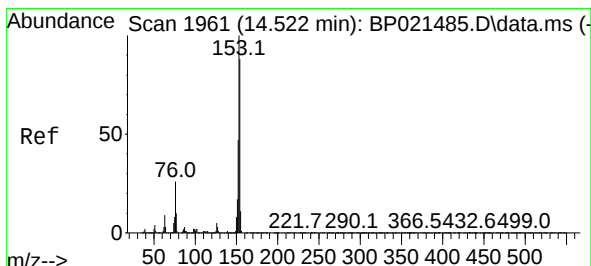
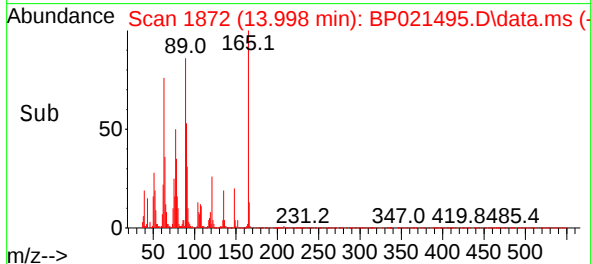
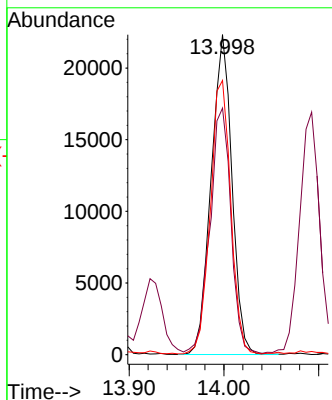
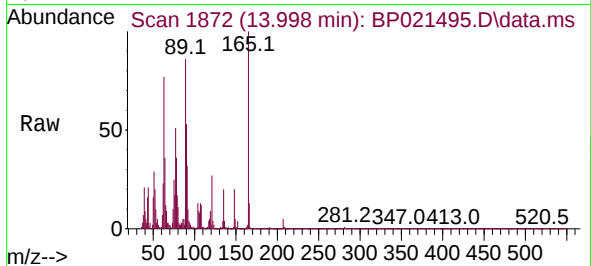




#51
2,6-Dinitrotoluene
Concen: 6.392 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

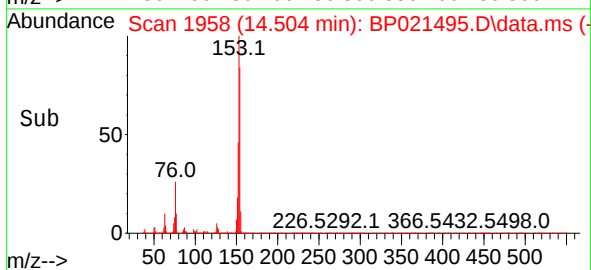
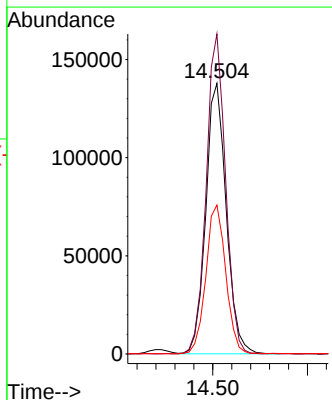
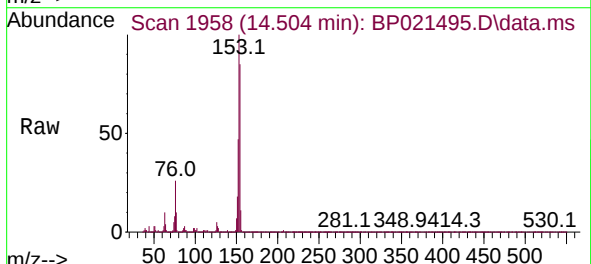
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

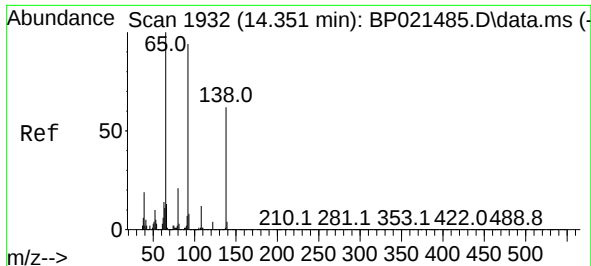
Tgt Ion:165 Resp: 33974
Ion Ratio Lower Upper
165 100
63 77.1 51.5 77.3
89 85.7 57.8 86.8



#52
Acenaphthene
Concen: 4.062 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:154 Resp: 206764
Ion Ratio Lower Upper
154 100
153 118.2 91.1 136.7
152 55.1 43.0 64.4

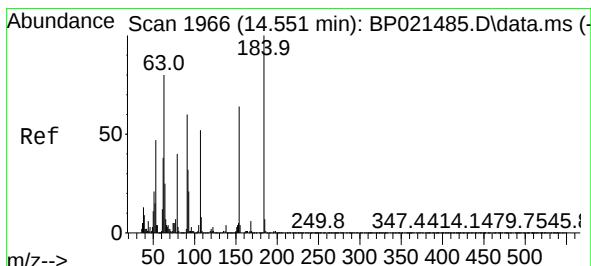
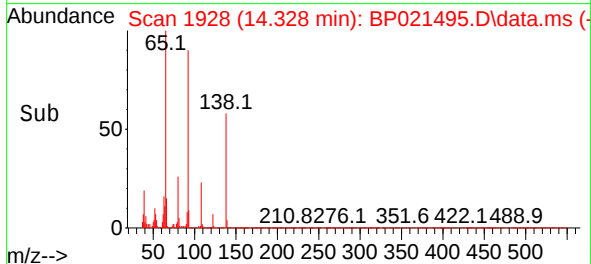
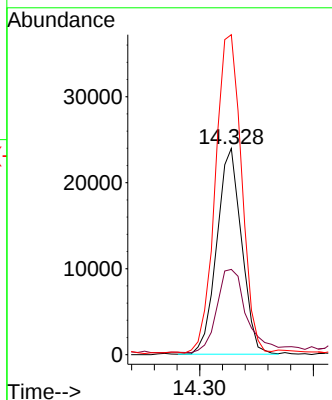
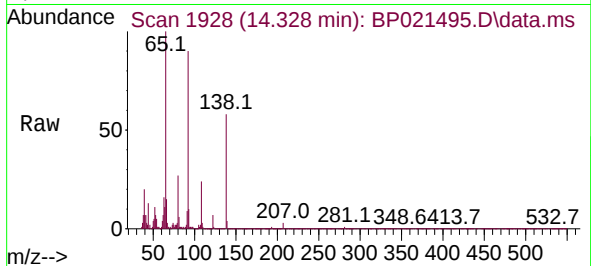




#53
3-Nitroaniline
Concen: 6.584 ng
RT: 14.328 min Scan# 1928
Delta R.T. -0.023 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

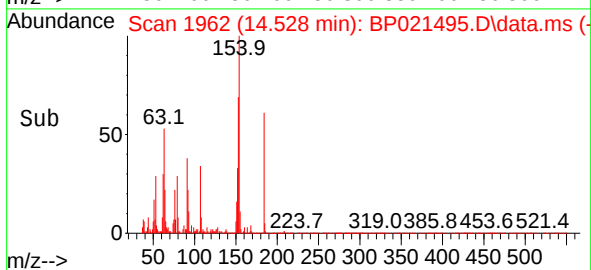
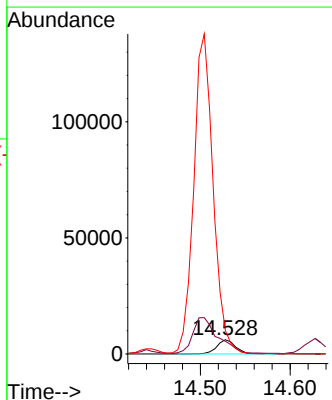
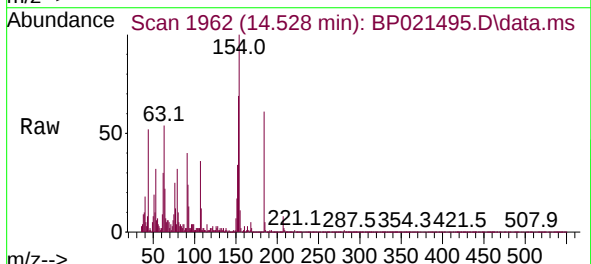
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

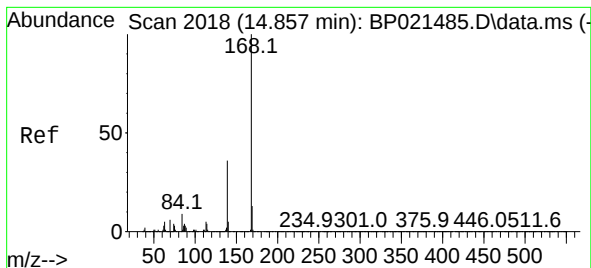
Tgt Ion:138 Resp: 36270
Ion Ratio Lower Upper
138 100
108 41.4 16.2 24.4#
92 155.2 122.2 183.4



#54
2,4-Dinitrophenol
Concen: 6.029 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.023 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:184 Resp: 8896
Ion Ratio Lower Upper
184 100
63 89.2 64.9 97.3
154 163.8 52.1 78.1#





#55

Dibenzenofuran

Concen: 4.379 ng

RT: 14.840 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

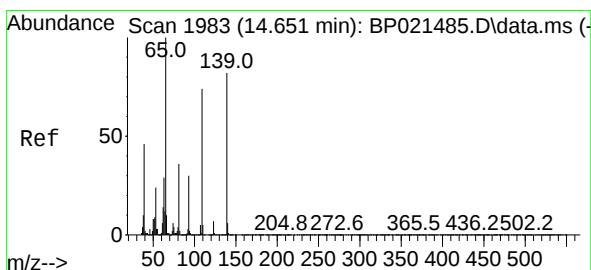
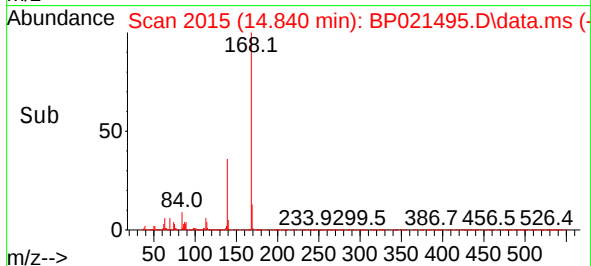
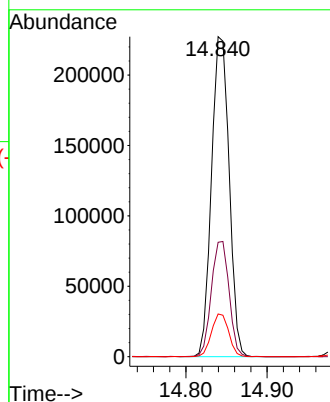
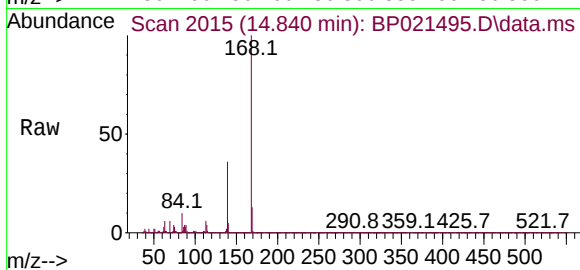
Tgt Ion:168 Resp: 342922

Ion Ratio Lower Upper

168 100

139 35.8 28.6 43.0

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 7.367 ng

RT: 14.628 min Scan# 1979

Delta R.T. -0.023 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

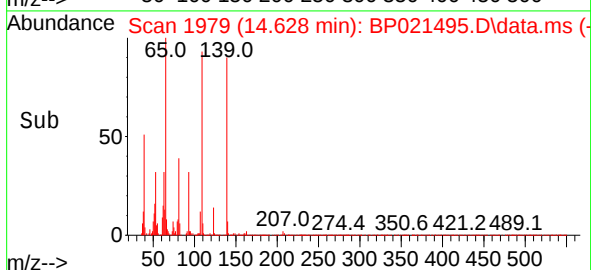
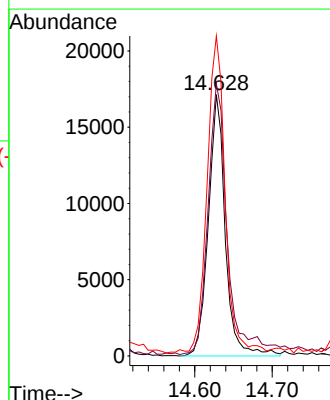
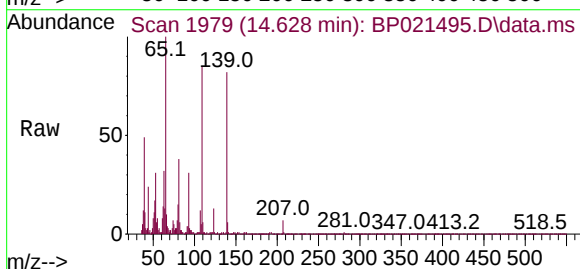
Tgt Ion:139 Resp: 26006

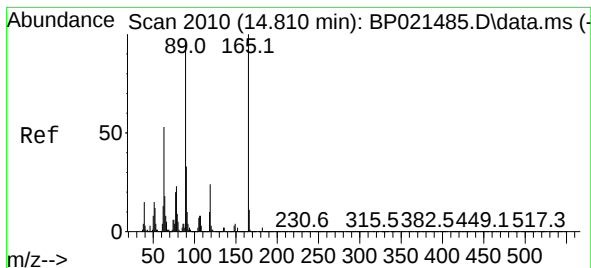
Ion Ratio Lower Upper

139 100

109 104.2 70.2 110.2

65 122.5 101.8 141.8





#57

2,4-Dinitrotoluene

Concen: 6.989 ng

RT: 14.793 min Scan# 2010

Delta R.T. -0.017 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:165 Resp: 36163

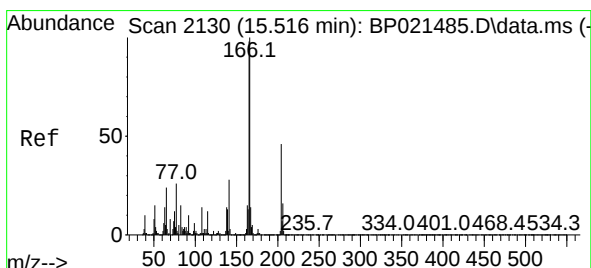
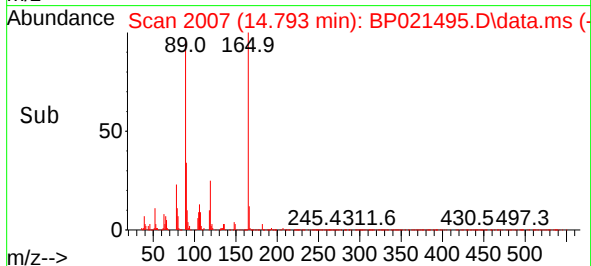
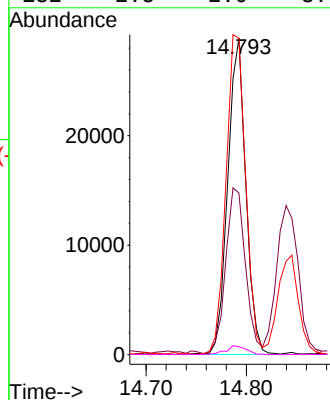
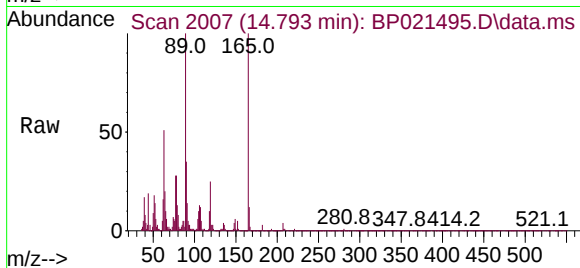
Ion Ratio Lower Upper

165 100

63 51.1 42.5 63.7

89 100.0 77.1 115.7

182 2.5 2.0 3.0



#58

Fluorene

Concen: 4.263 ng

RT: 15.498 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

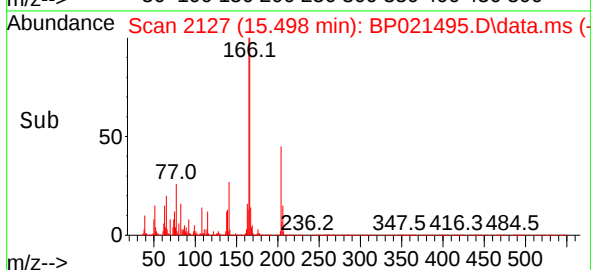
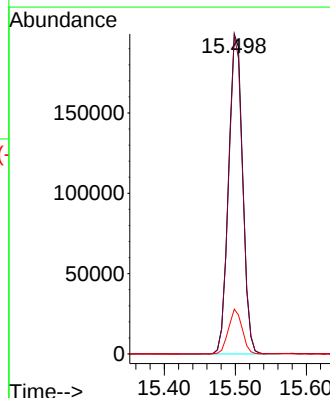
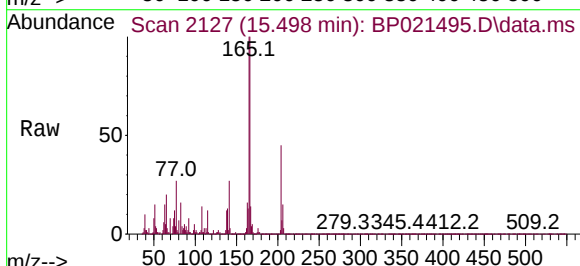
Tgt Ion:166 Resp: 274225

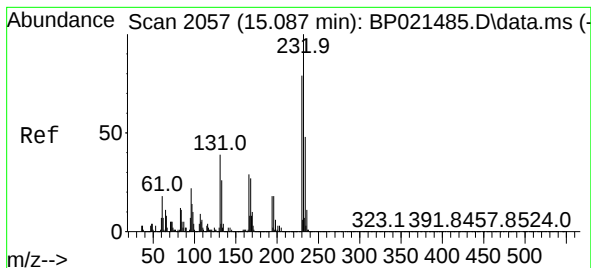
Ion Ratio Lower Upper

166 100

165 99.6 78.1 117.1

167 14.0 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.698 ng

RT: 15.075 min Scan# 2055

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:232 Resp: 54385

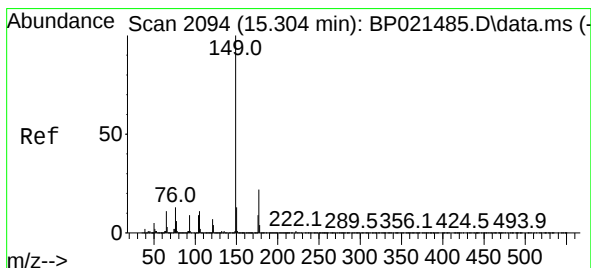
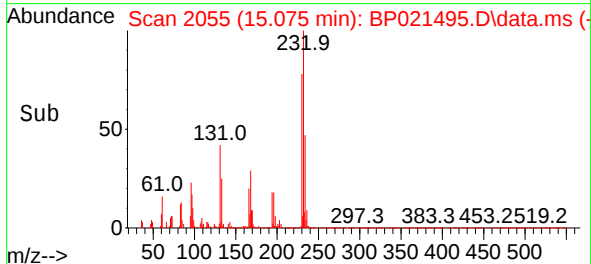
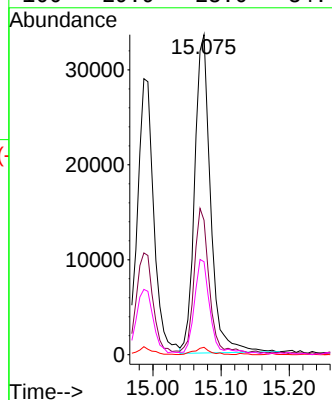
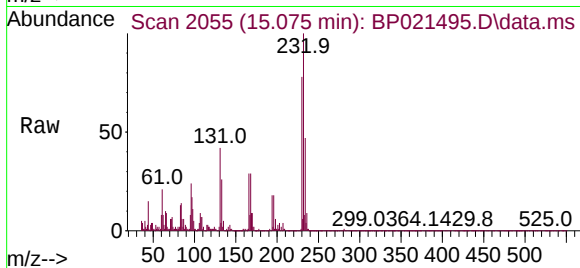
Ion Ratio Lower Upper

232 100

131 42.3 33.1 49.7

130 2.3 1.7 2.5

166 29.9 23.0 34.4



#60

Diethylphthalate

Concen: 4.087 ng

RT: 15.275 min Scan# 2089

Delta R.T. -0.029 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

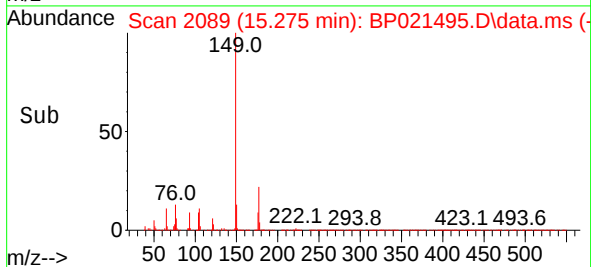
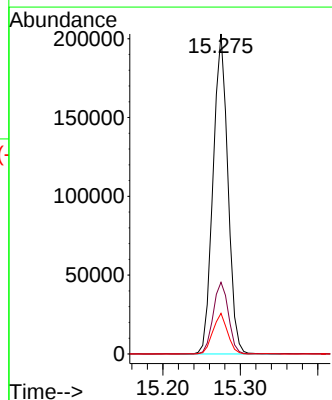
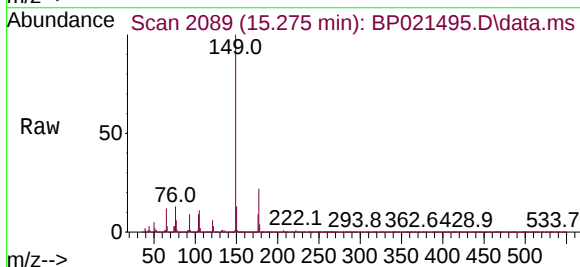
Tgt Ion:149 Resp: 269091

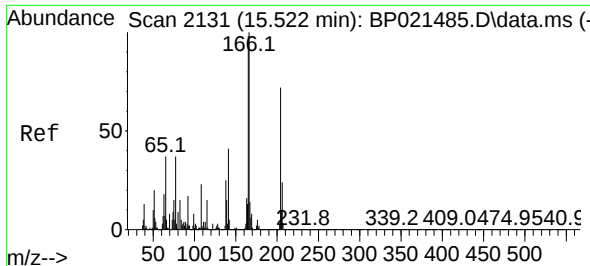
Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

150 12.7 10.1 15.1

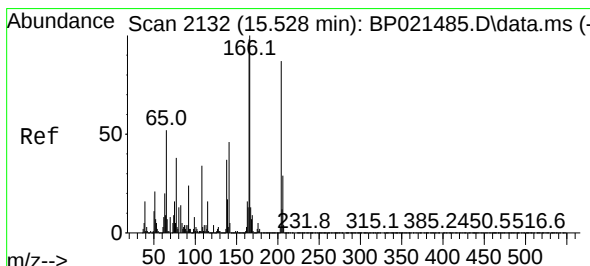
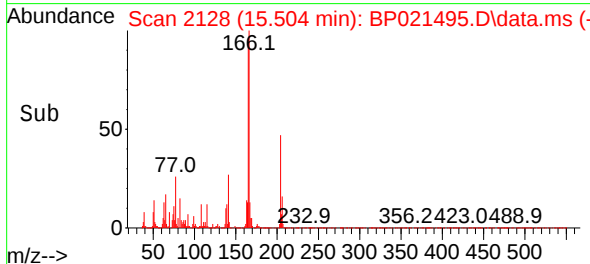
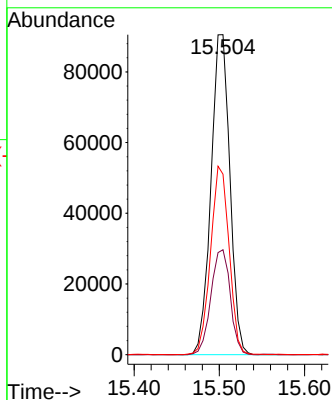
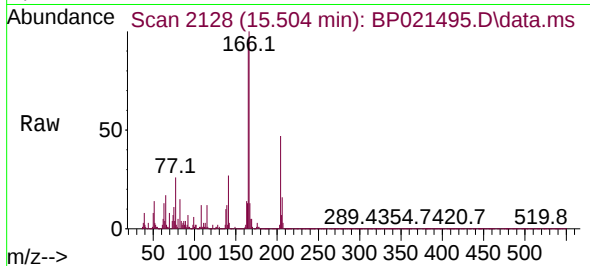




#61
4-Chlorophenyl-phenylether
Concen: 4.194 ng
RT: 15.504 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

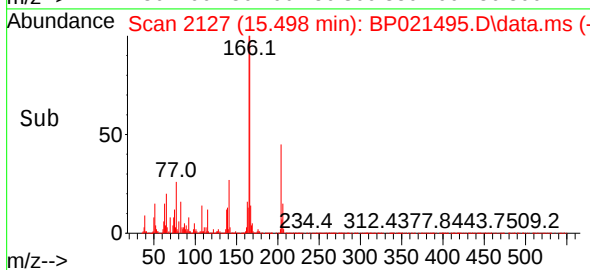
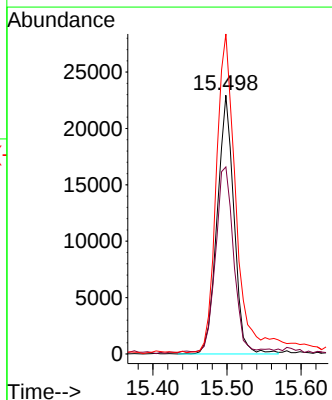
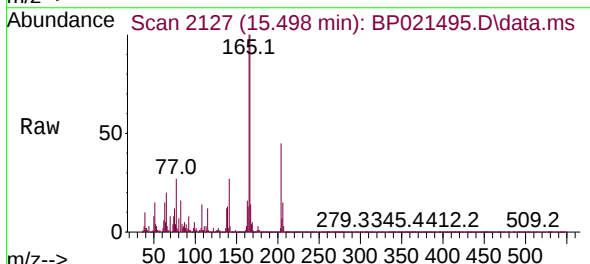
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

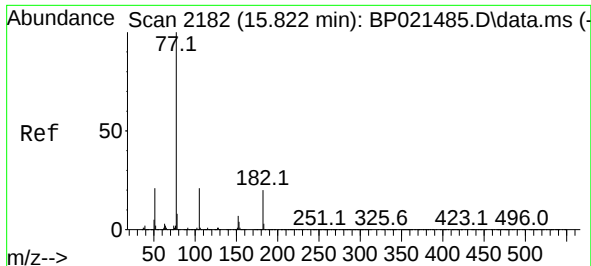
Tgt Ion:204 Resp: 139478
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 56.4 46.1 69.1



#62
4-Nitroaniline
Concen: 5.524 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.030 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:138 Resp: 36071
Ion Ratio Lower Upper
138 100
92 72.3 46.4 86.4
108 123.7 73.2 113.2#

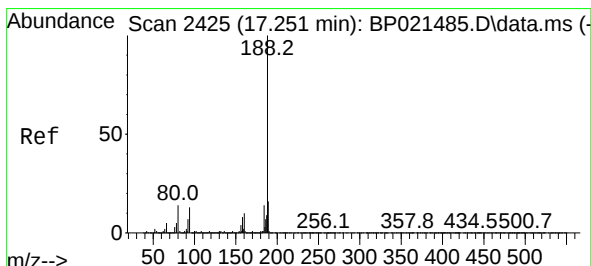
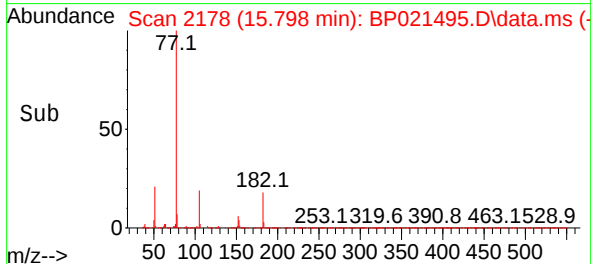
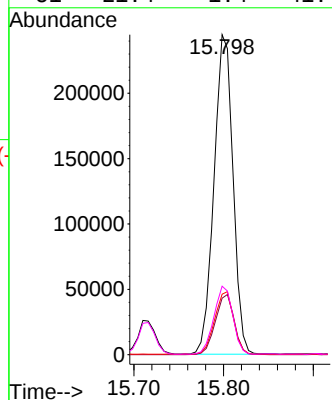
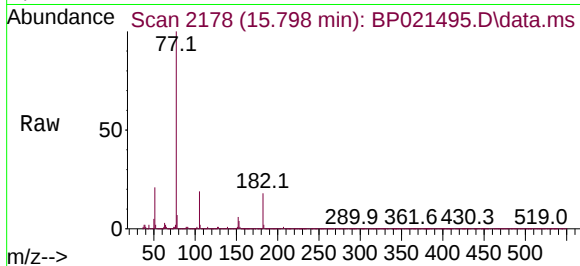




#63
Azobenzene
Concen: 4.435 ng
RT: 15.798 min Scan# 2182
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

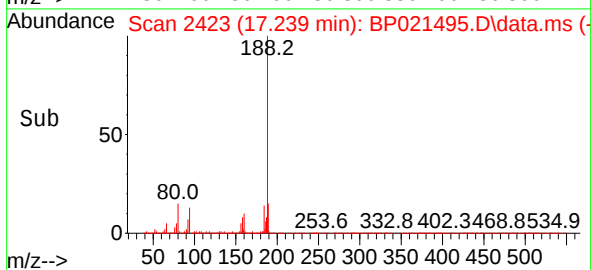
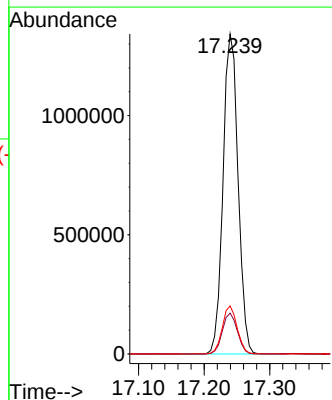
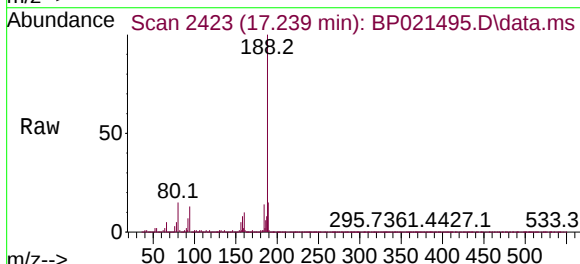
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

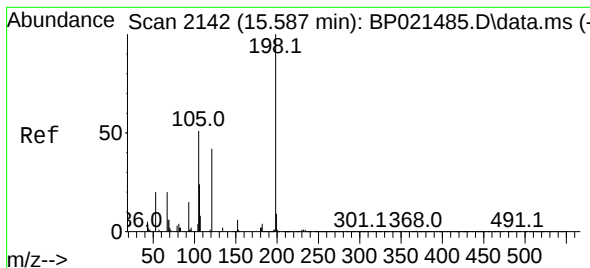
Tgt Ion: 77	Resp: 358902
Ion Ratio	Lower Upper
77	100
182	17.6 0.0 39.9
105	18.9 0.9 40.9
51	21.4 1.4 41.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion: 188	Resp: 2125023
Ion Ratio	Lower Upper
188	100
94	12.8 10.2 15.4
80	15.0 11.6 17.4

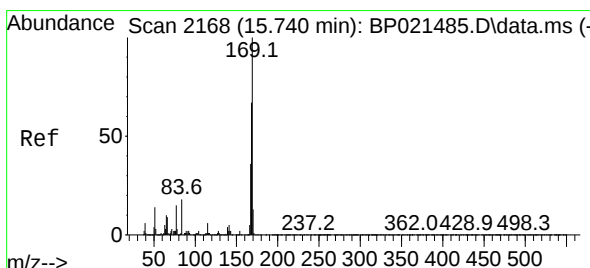
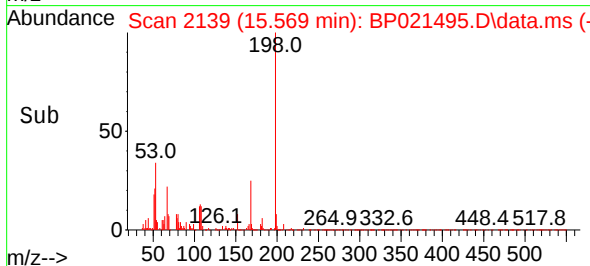
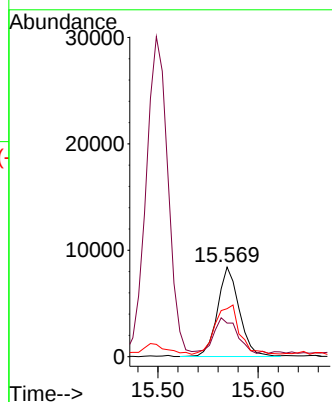
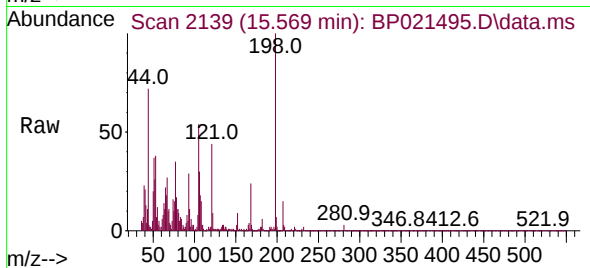




#65
4,6-Dinitro-2-methylphenol
Concen: 7.119 ng
RT: 15.569 min Scan# 2142
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

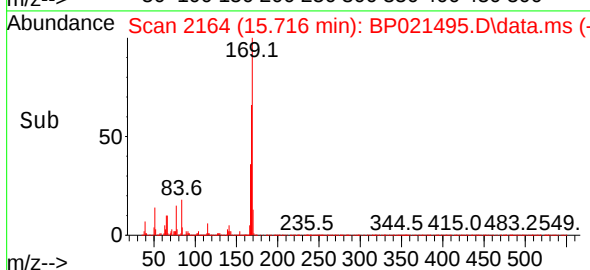
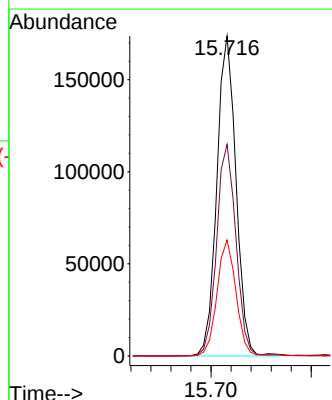
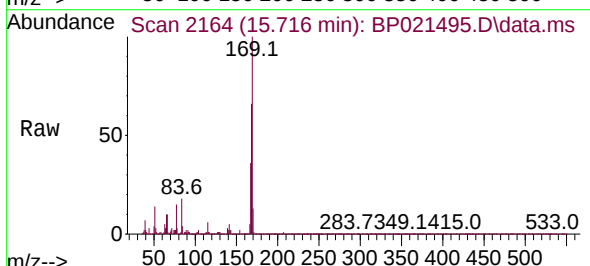
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

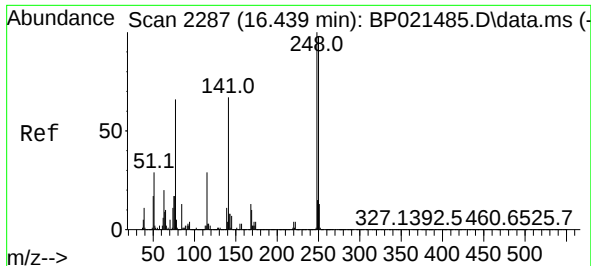
Tgt Ion:198	Resp:	12637
Ion Ratio	Lower	Upper
198	100	
51	37.5	21.5 61.5
105	53.6	32.9 72.9



#66
n-Nitrosodiphenylamine
Concen: 4.037 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:169	Resp:	229883
Ion Ratio	Lower	Upper
169	100	
168	66.1	53.4 80.2
167	36.2	28.7 43.1

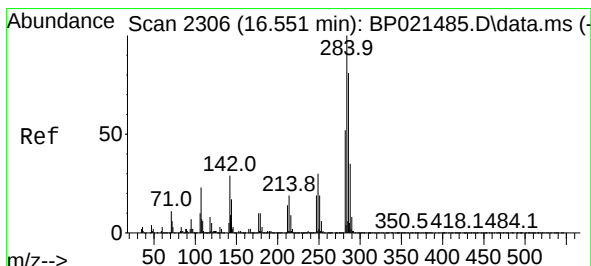
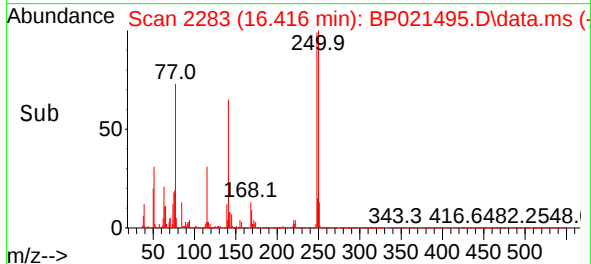
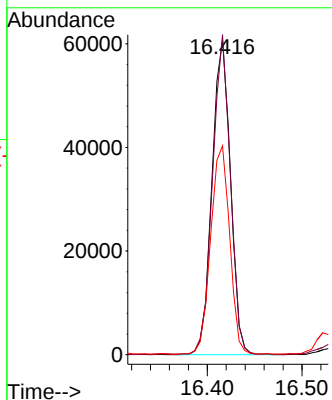
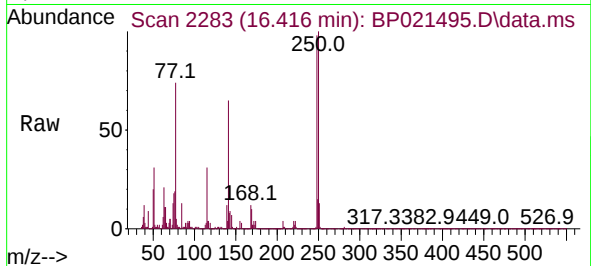




#67
4-Bromophenyl-phenylether
Concen: 3.646 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

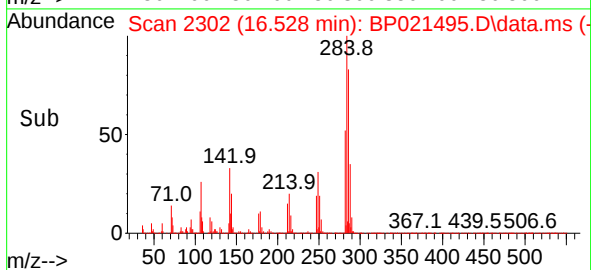
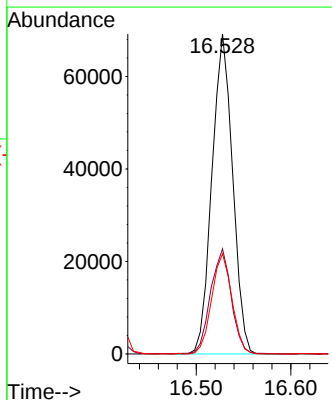
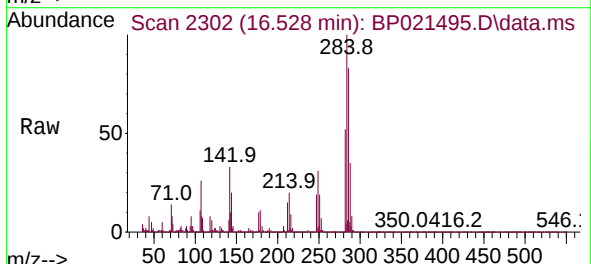
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

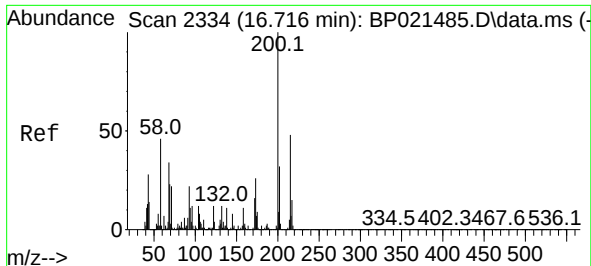
Tgt Ion:248 Resp: 81998
Ion Ratio Lower Upper
248 100
250 101.8 78.6 117.8
141 66.4 53.9 80.9



#68
Hexachlorobenzene
Concen: 3.941 ng
RT: 16.528 min Scan# 2302
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:284 Resp: 104732
Ion Ratio Lower Upper
284 100
142 32.9 23.4 35.2
249 31.3 24.1 36.1





#69

Atrazine

Concen: 4.031 ng

RT: 16.681 min Scan# 2328

Delta R.T. -0.035 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

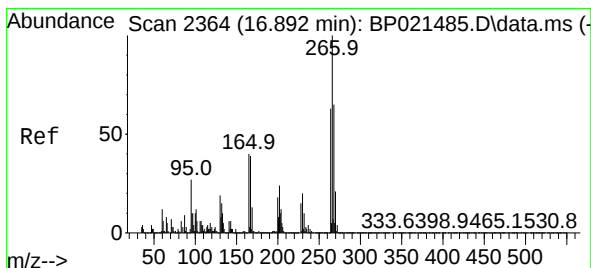
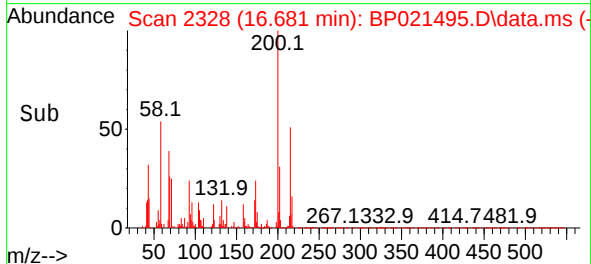
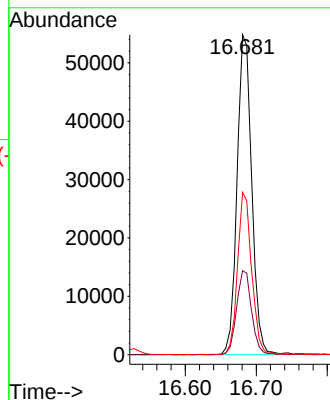
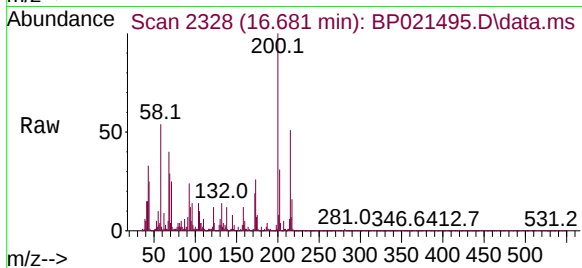
Tgt Ion:200 Resp: 78807

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 50.8 28.4 68.4



#70

Pentachlorophenol

Concen: 2.731 ng

RT: 16.875 min Scan# 2361

Delta R.T. -0.017 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

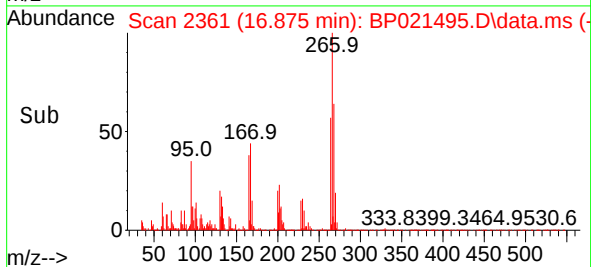
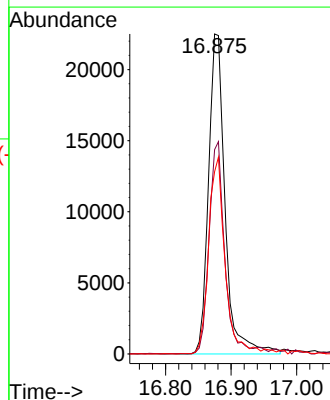
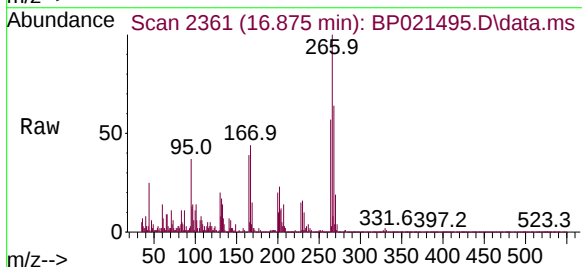
Tgt Ion:266 Resp: 39616

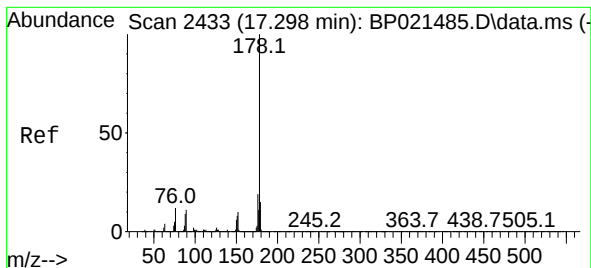
Ion Ratio Lower Upper

266 100

268 63.9 51.8 77.6

264 57.0 50.5 75.7

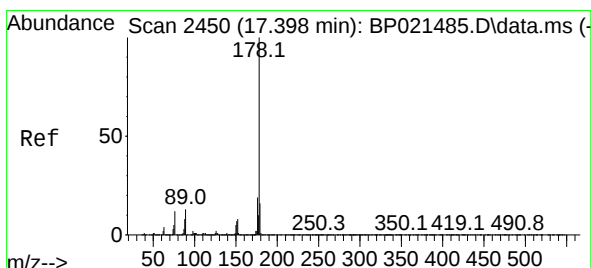
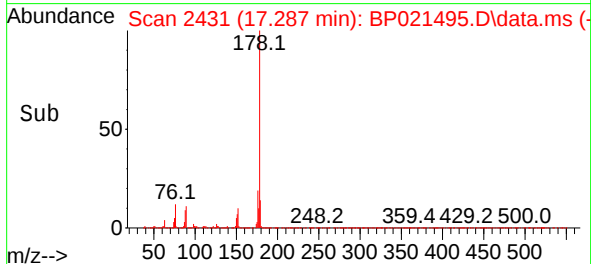
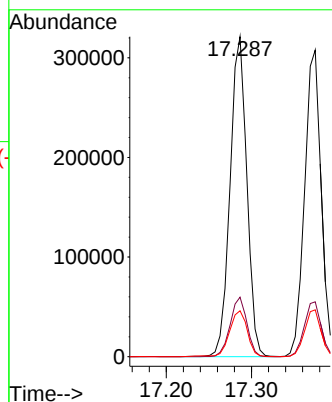
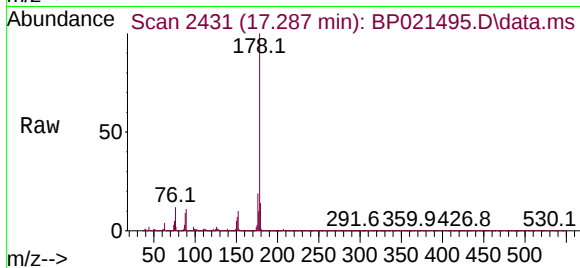




#71
Phenanthrene
Concen: 4.298 ng
RT: 17.287 min Scan# 2433
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

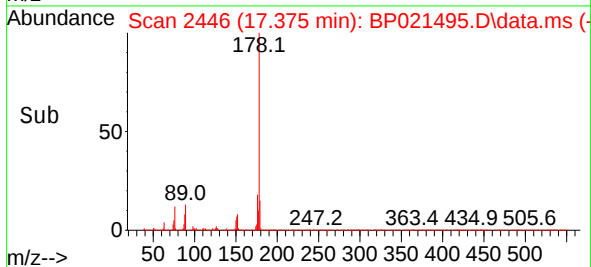
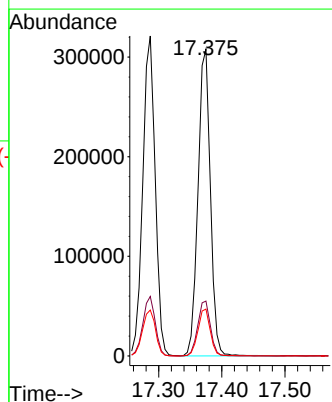
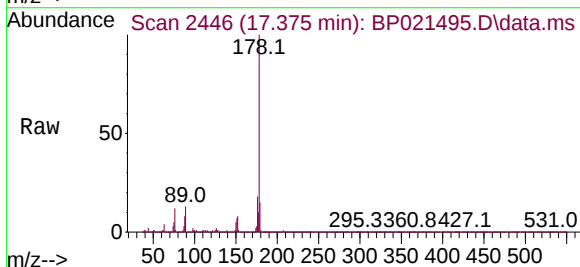
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

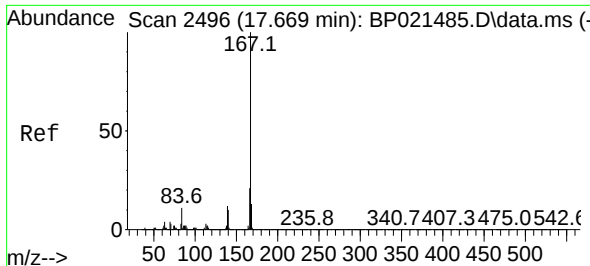
Tgt Ion:178 Resp: 439284
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 14.3 12.4 18.6



#72
Anthracene
Concen: 4.168 ng
RT: 17.375 min Scan# 2446
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:178 Resp: 417743
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 15.3 12.5 18.7

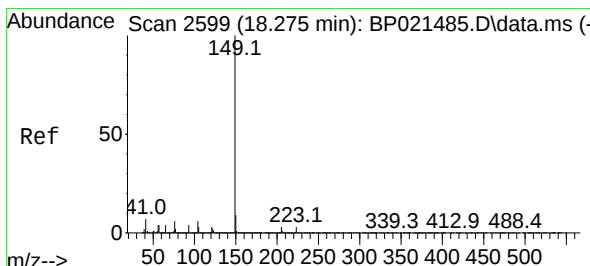
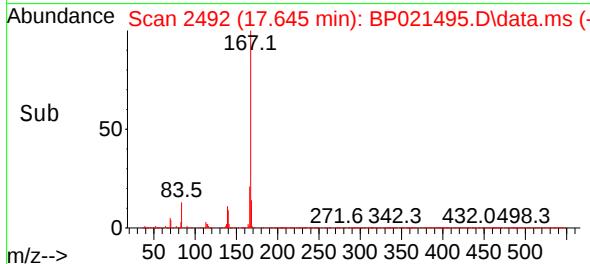
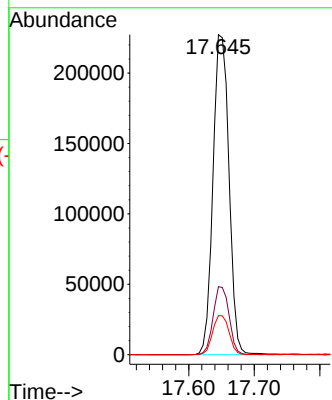
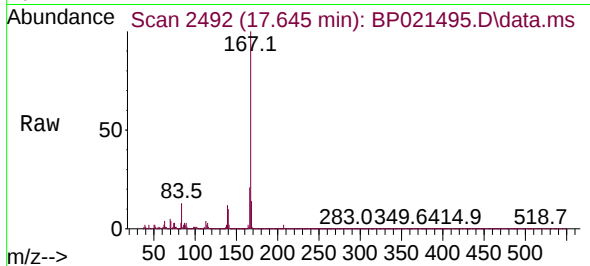




#73
Carbazole
Concen: 3.982 ng
RT: 17.645 min Scan# 2492
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

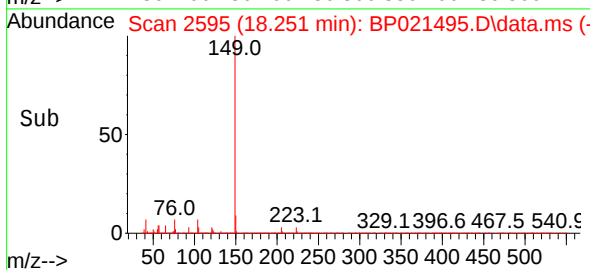
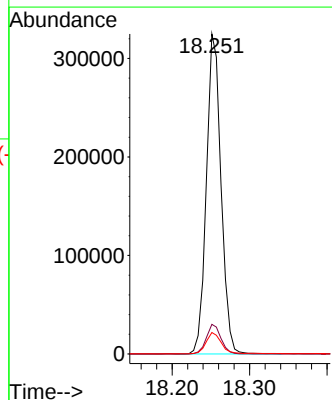
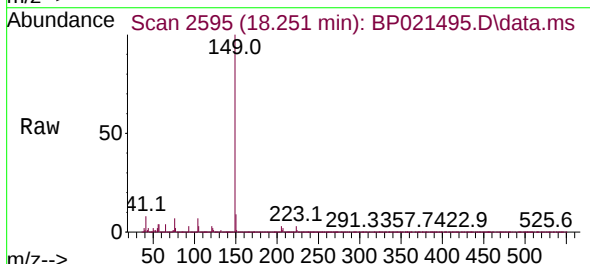
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

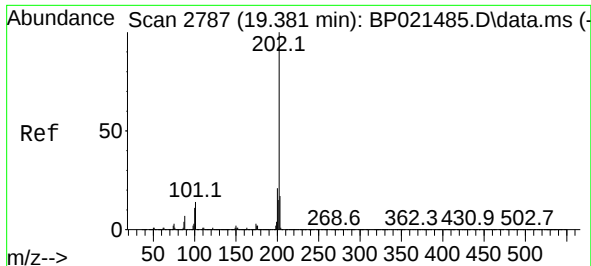
Tgt Ion:167 Resp: 384592
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 3.589 ng
RT: 18.251 min Scan# 2595
Delta R.T. -0.024 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:149 Resp: 425703
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.7 4.9 7.3

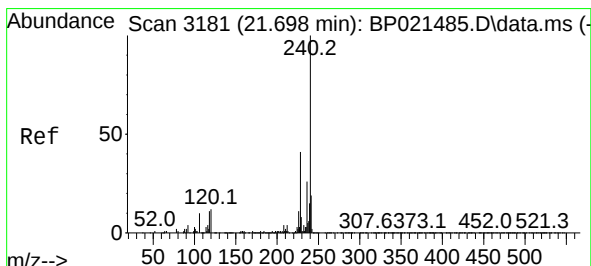
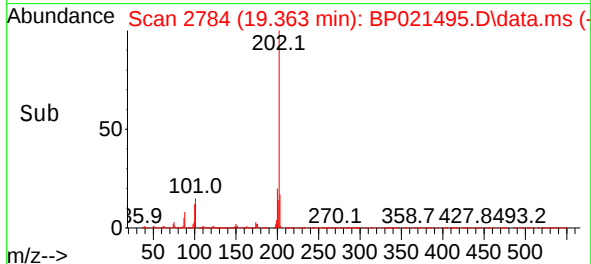
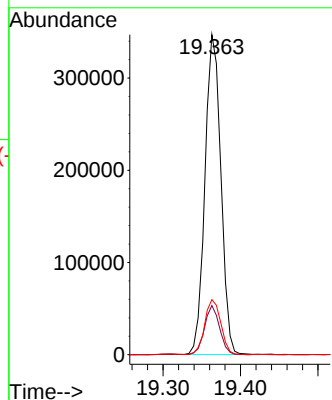
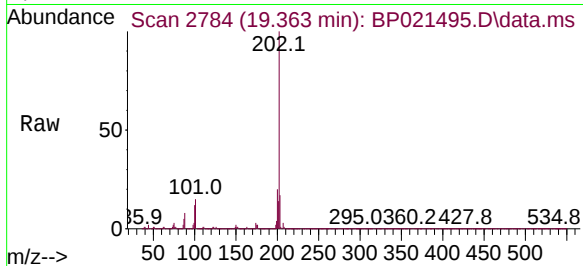




#75
Fluoranthene
Concen: 3.945 ng
RT: 19.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

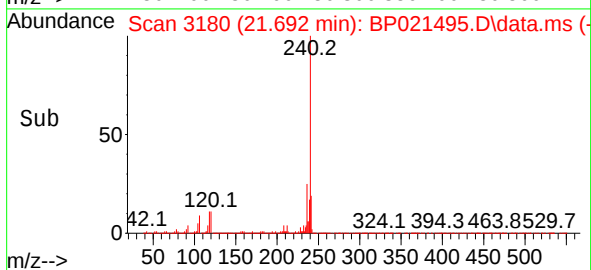
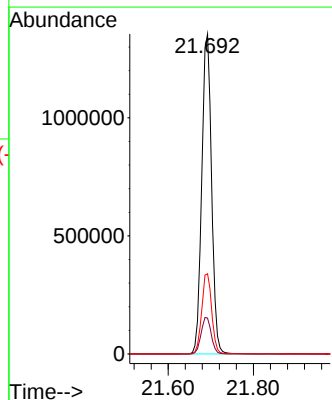
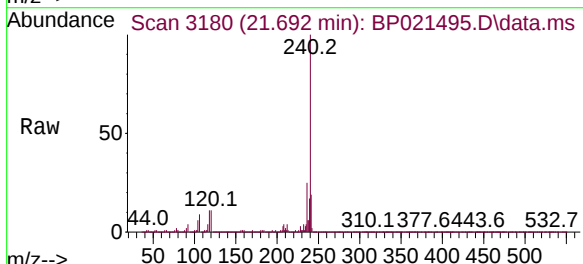
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

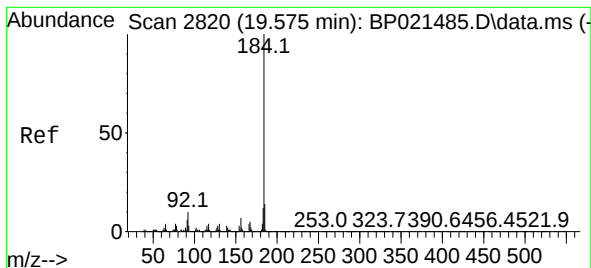
Tgt Ion:202 Resp: 494621
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.0
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.692 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:240 Resp: 2161948
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.0 20.6 30.8





#77

Benzidine

Concen: 6.639 ng

RT: 19.551 min Scan# 2816

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

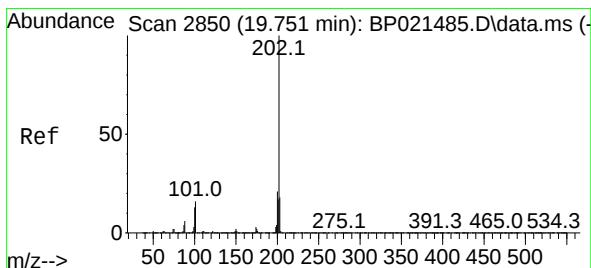
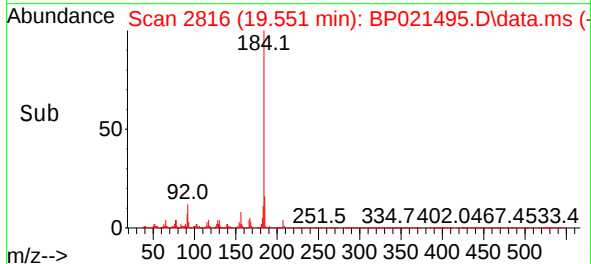
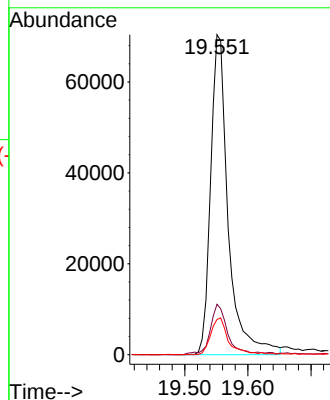
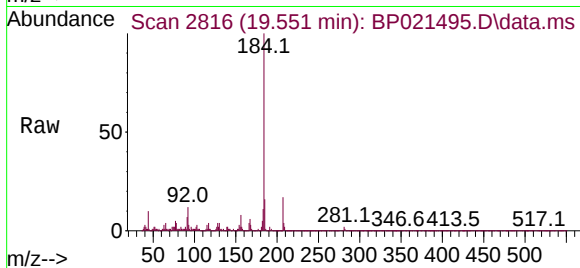
Tgt Ion:184 Resp: 135861

Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.0

183 11.0 9.3 13.9



#78

Pyrene

Concen: 3.737 ng

RT: 19.739 min Scan# 2848

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

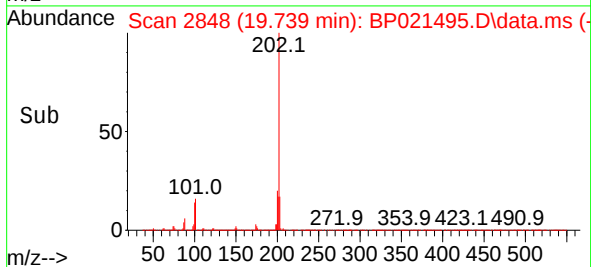
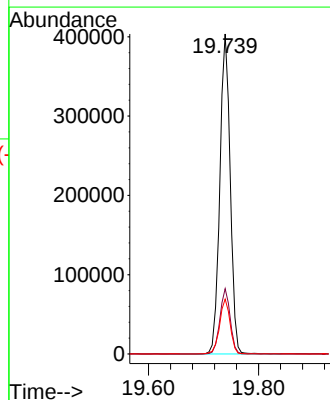
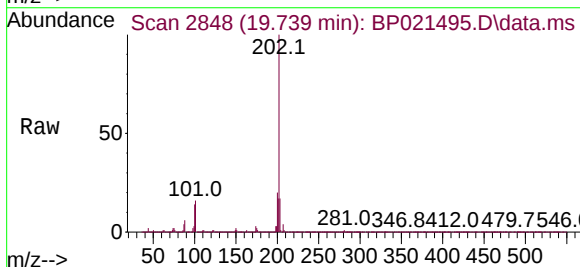
Tgt Ion:202 Resp: 528035

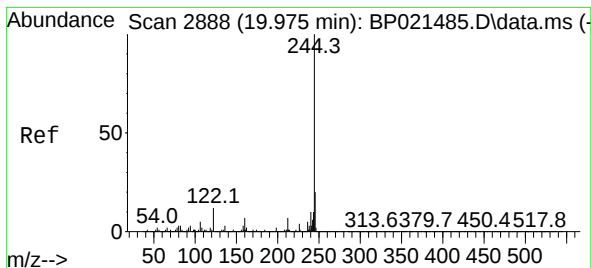
Ion Ratio Lower Upper

202 100

200 20.4 16.7 25.1

203 17.1 14.1 21.1





#79

Terphenyl-d14

Concen: 79.760 ng

RT: 19.963 min Scan# 2886

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

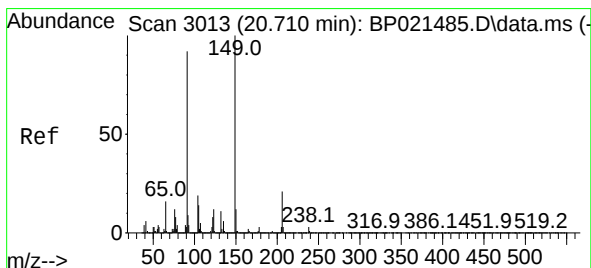
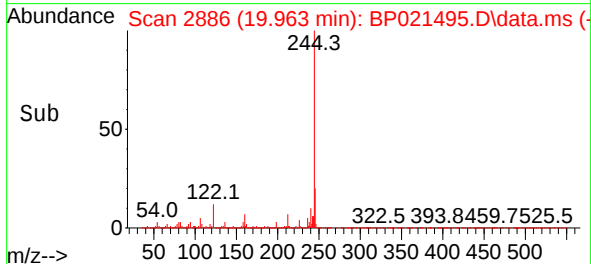
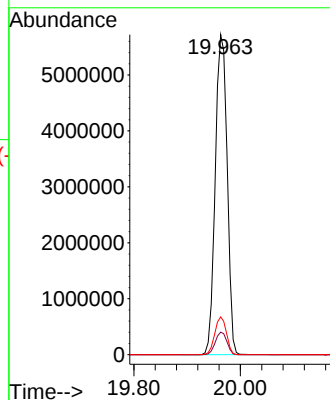
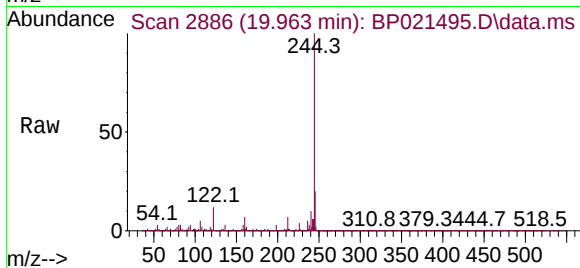
Tgt Ion:244 Resp: 8875983

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.8 9.4 14.2



#80

Butylbenzylphthalate

Concen: 5.789 ng

RT: 20.698 min Scan# 3011

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

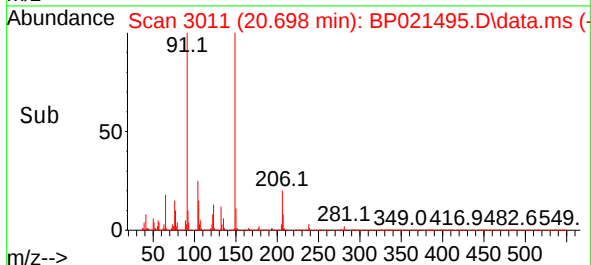
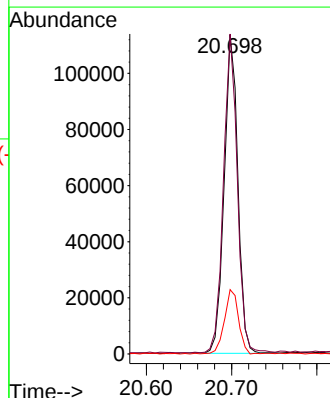
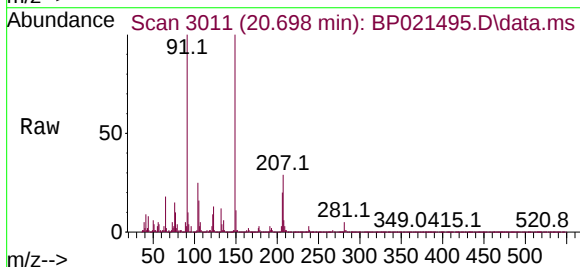
Tgt Ion:149 Resp: 126785

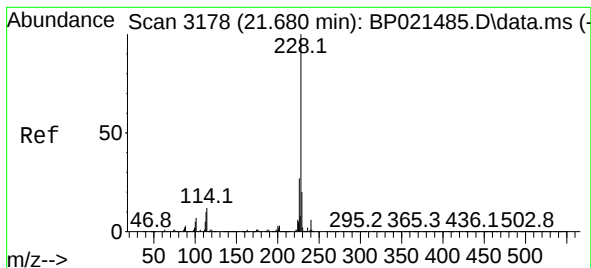
Ion Ratio Lower Upper

149 100

91 100.2 73.3 109.9

206 20.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 4.044 ng

RT: 21.675 min Scan# 3177

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

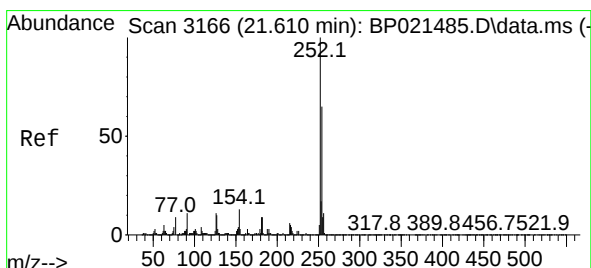
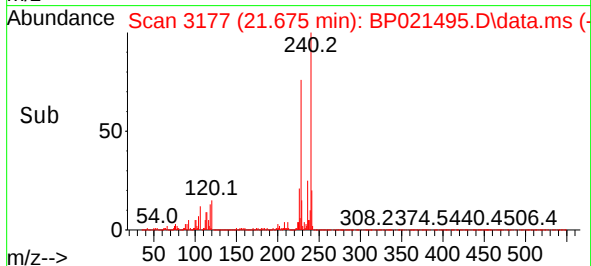
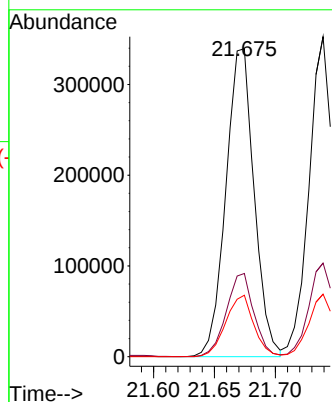
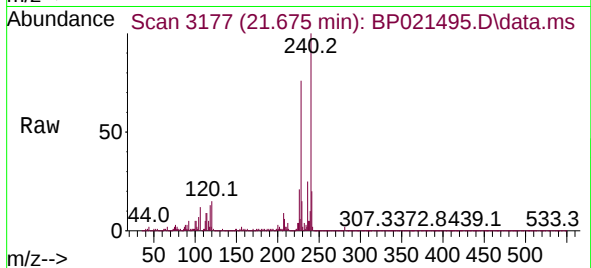
Tgt Ion:228 Resp: 548856

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 3.542 ng

RT: 21.586 min Scan# 3162

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

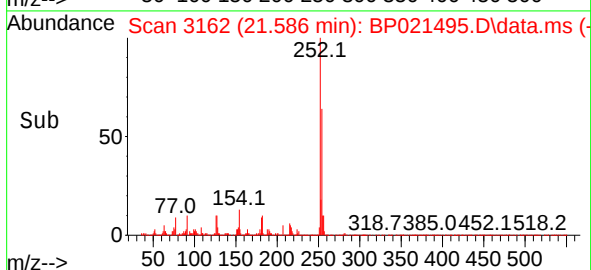
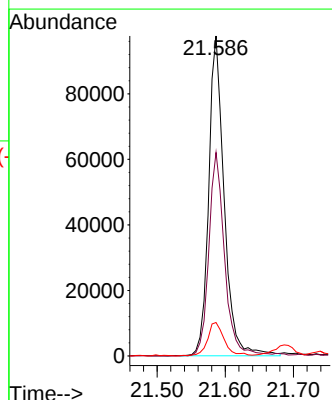
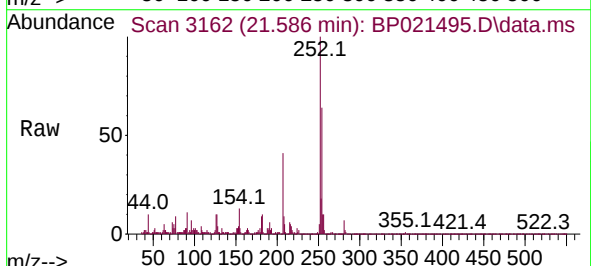
Tgt Ion:252 Resp: 154112

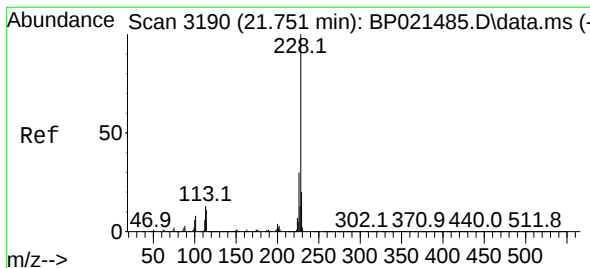
Ion Ratio Lower Upper

252 100

254 63.6 51.7 77.5

126 10.4 8.7 13.1





#83

Chrysene

Concen: 4.081 ng

RT: 21.739 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

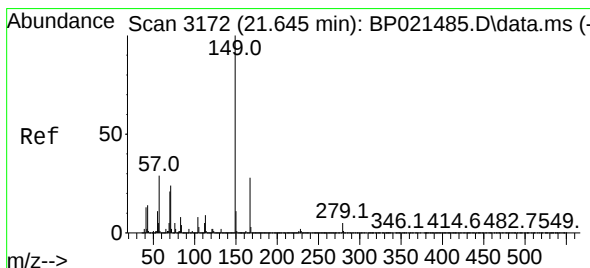
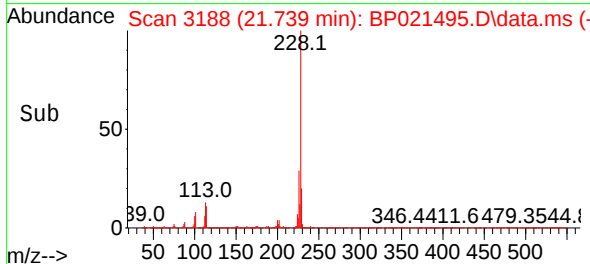
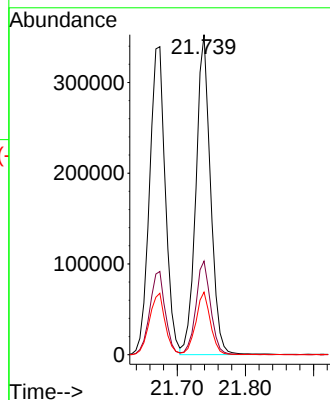
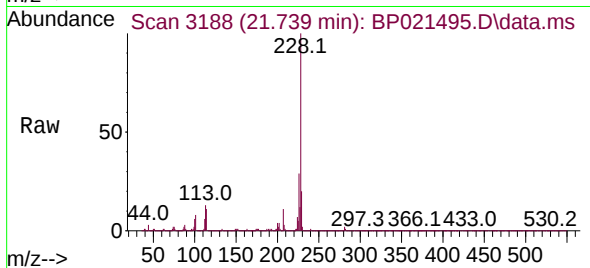
Tgt Ion:228 Resp: 522941

Ion Ratio Lower Upper

228 100

226 29.2 23.9 35.9

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.128 ng

RT: 21.633 min Scan# 3170

Delta R.T. -0.012 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

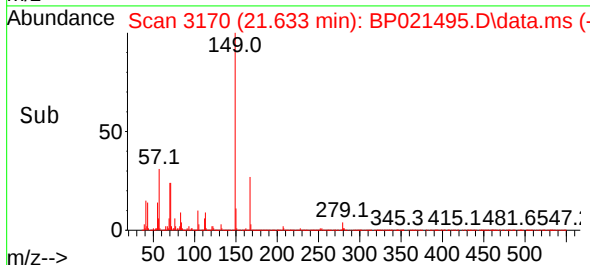
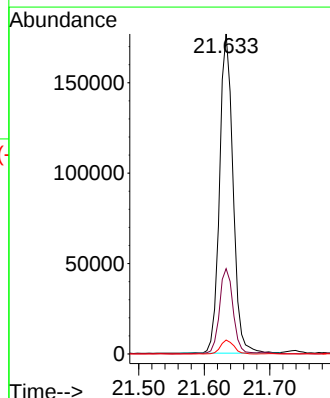
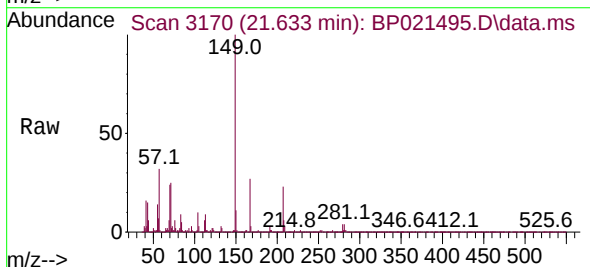
Tgt Ion:149 Resp: 250872

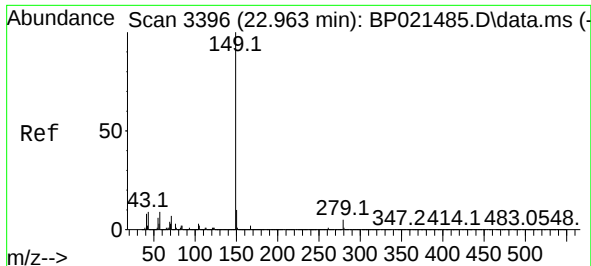
Ion Ratio Lower Upper

149 100

167 26.6 22.3 33.5

279 4.4 3.8 5.6

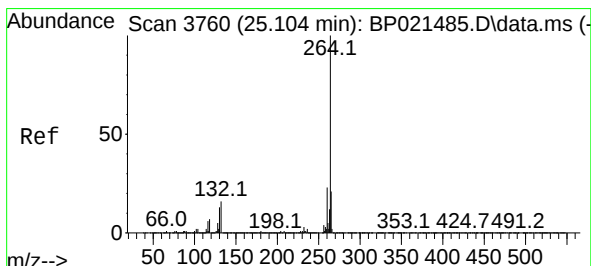
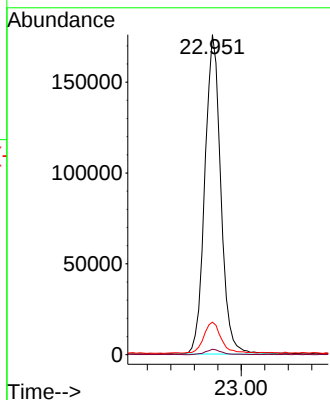
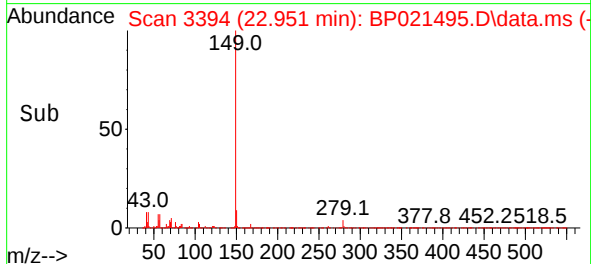
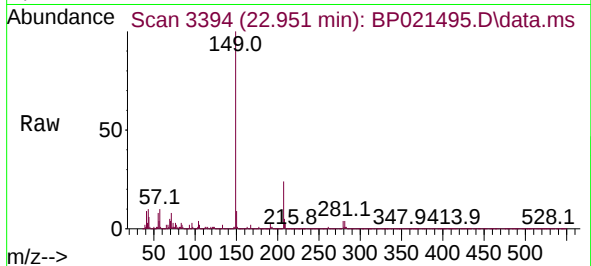




#85
Di-n-octyl phthalate
Concen: 6.953 ng
RT: 22.951 min Scan# 3396
Delta R.T. -0.012 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

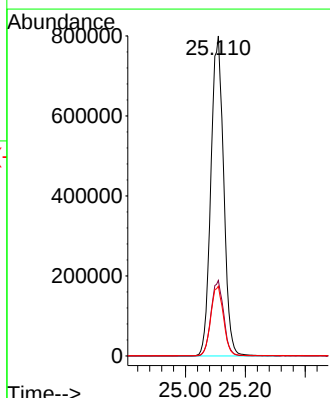
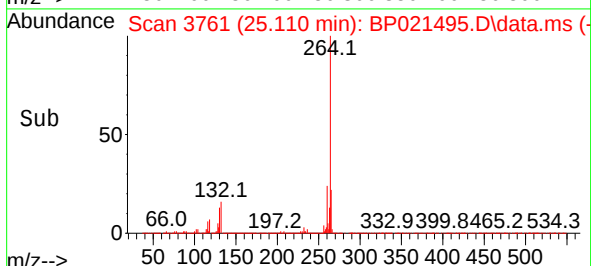
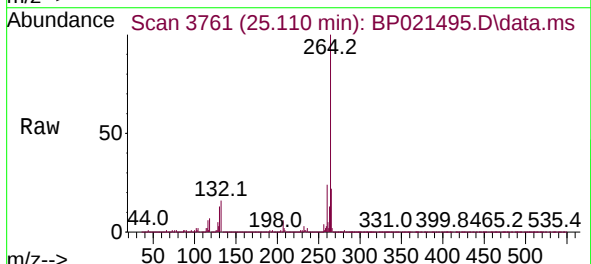
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

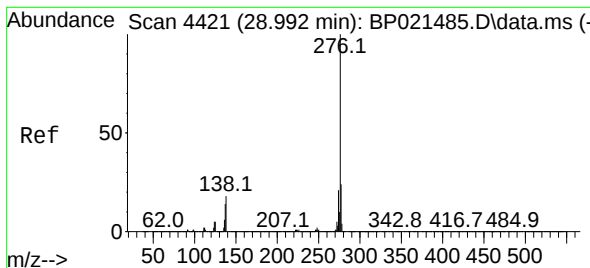
Tgt Ion:149 Resp: 331684
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.3 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.110 min Scan# 3761
Delta R.T. 0.006 min
Lab File: BP021495.D
Acq: 14 Aug 2024 11:24

Tgt Ion:264 Resp: 2369142
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.8 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.060 ng

RT: 28.962 min Scan# 4416

Delta R.T. -0.029 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

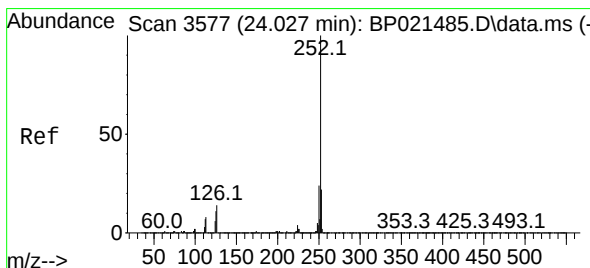
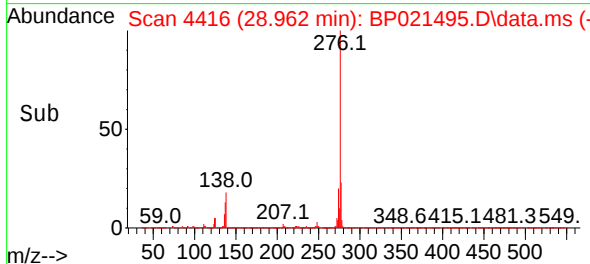
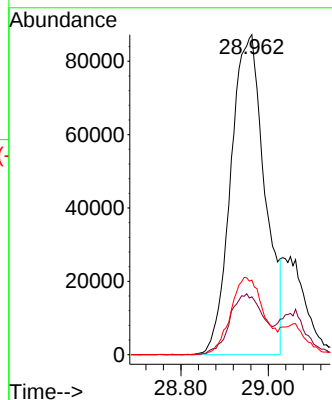
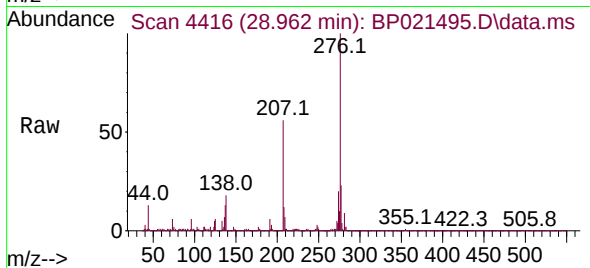
Tgt Ion:276 Resp: 469949

Ion Ratio Lower Upper

276 100

138 18.9 12.8 19.2

277 23.6 16.5 24.7



#88

Benzo(b)fluoranthene

Concen: 3.762 ng

RT: 24.021 min Scan# 3576

Delta R.T. -0.006 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

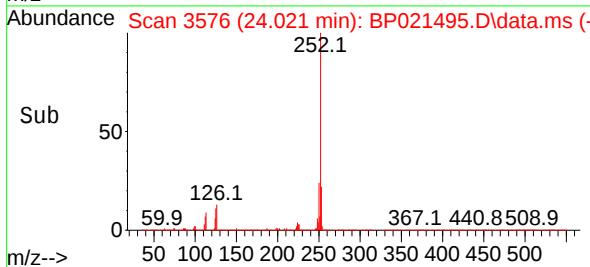
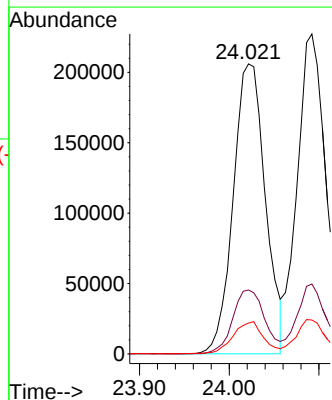
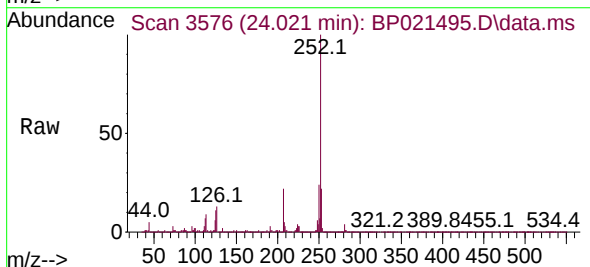
Tgt Ion:252 Resp: 511881

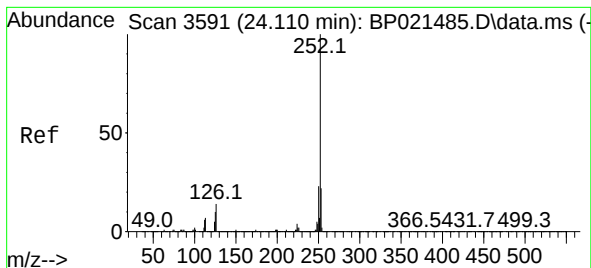
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 10.7 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 3.890 ng

RT: 24.092 min Scan# 3591

Delta R.T. -0.018 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

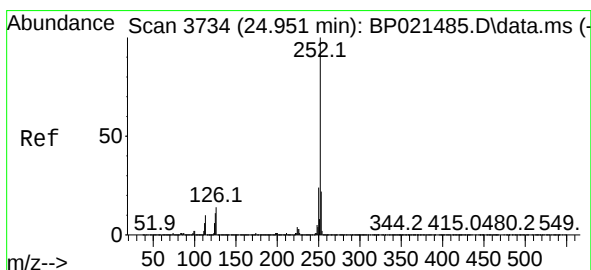
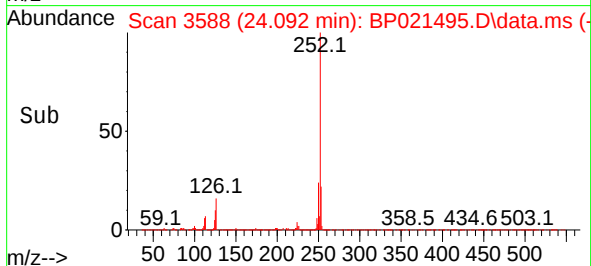
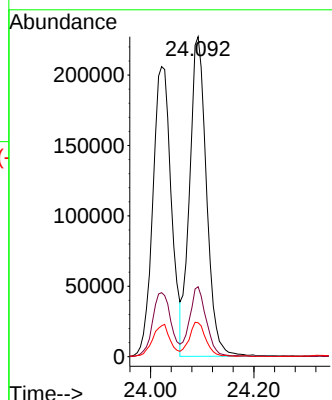
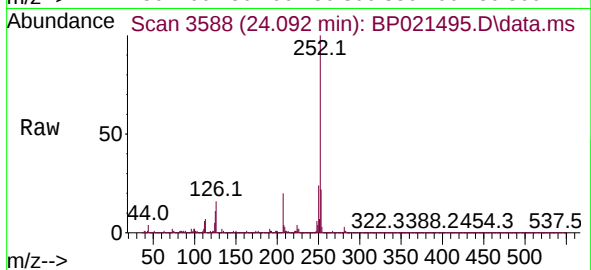
Tgt Ion:252 Resp: 516275

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.6 7.8 11.8



#90

Benzo(a)pyrene

Concen: 3.792 ng

RT: 24.927 min Scan# 3730

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

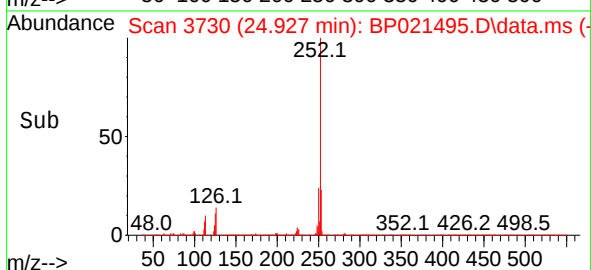
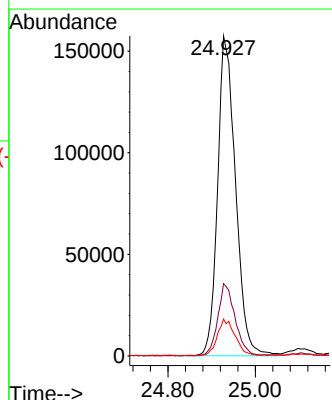
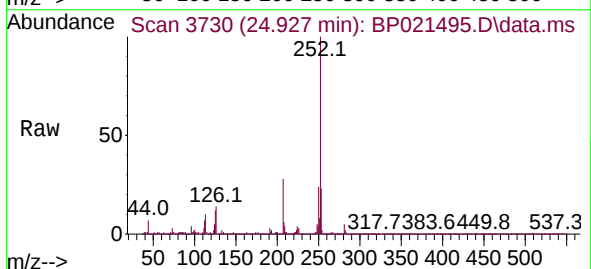
Tgt Ion:252 Resp: 447722

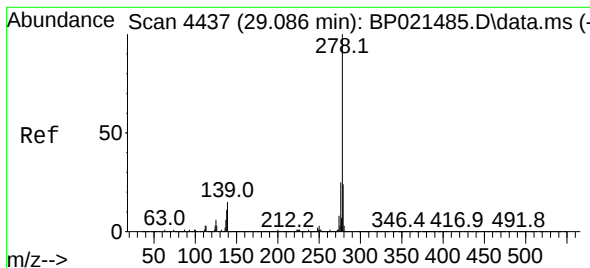
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.756 ng

RT: 29.062 min Scan# 4437

Delta R.T. -0.024 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

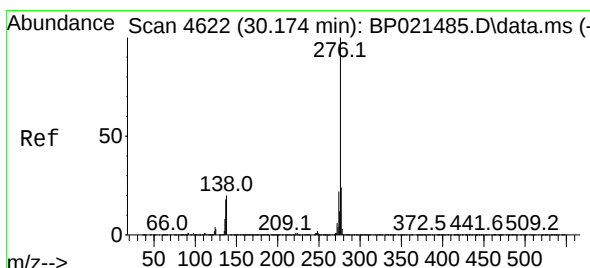
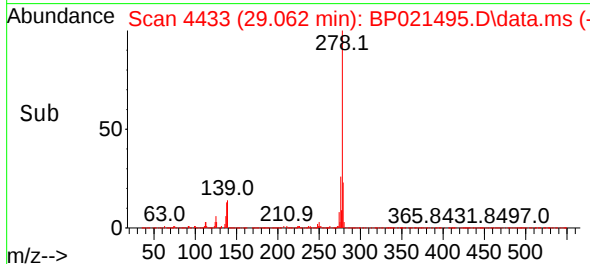
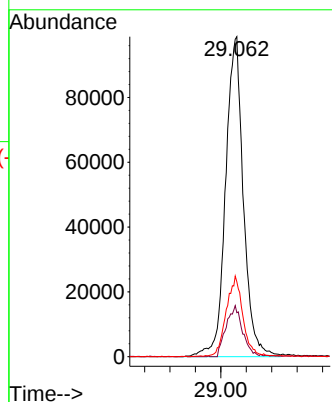
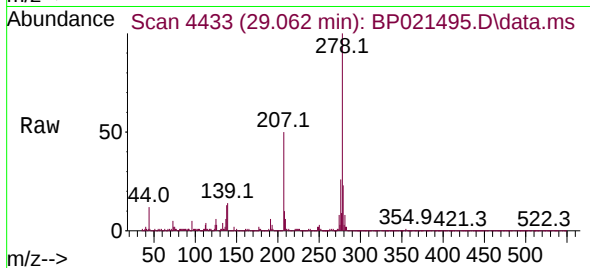
Tgt Ion:278 Resp: 479296

Ion Ratio Lower Upper

278 100

139 13.7 12.2 18.4

279 23.4 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 3.672 ng

RT: 30.145 min Scan# 4617

Delta R.T. -0.029 min

Lab File: BP021495.D

Acq: 14 Aug 2024 11:24

Tgt Ion:276 Resp: 469572

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.1 16.0 24.0

