

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021969.D
 Acq On : 20 Sep 2024 16:09
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL 8 ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: Sep 20 17:01:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	85184	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	331316	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	246291	20.000	ng	0.00
64) Phenanthrene-d10	17.115	188	606469	20.000	ng	-0.02
76) Chrysene-d12	21.556	240	740542	20.000	ng	0.00
86) Perylene-d12	24.850	264	868149	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	600752	132.534	ng	0.00
7) Phenol-d6	6.893	99	784636	133.341	ng	0.00
23) Nitrobenzene-d5	8.851	82	617160	98.564	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	645535	141.380	ng	-0.02
45) 2-Fluorobiphenyl	12.933	172	1577244	93.483	ng	0.00
79) Terphenyl-d14	19.851	244	3294805	83.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	16688	8.866	ng	96
3) Pyridine	3.663	79	39299	7.829	ng	96
4) n-Nitrosodimethylamine	3.563	42	23806	8.990	ng	# 97
6) Aniline	7.045	93	54242	10.490	ng	99
8) 2-Chlorophenol	7.281	128	43992	9.076	ng	94
9) Benzaldehyde	6.863	77	41998	13.650	ng	96
10) Phenol	6.916	94	52571	8.995	ng	97
11) bis(2-Chloroethyl)ether	7.140	93	40013	9.089	ng	98
12) 1,3-Dichlorobenzene	7.604	146	53907	8.809	ng	96
13) 1,4-Dichlorobenzene	7.745	146	55016	8.865	ng	99
14) 1,2-Dichlorobenzene	8.057	146	52630	8.836	ng	99
15) Benzyl Alcohol	7.945	79	39947	8.852	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	44825	9.546	ng	98
17) 2-Methylphenol	8.145	107	33220	8.414	ng	98
18) Hexachloroethane	8.775	117	20398	8.939	ng	90
19) n-Nitroso-di-n-propyla...	8.504	70	33997	9.295	ng	95
20) 3+4-Methylphenols	8.469	107	46731	8.384	ng	99
22) Acetophenone	8.516	105	74695	9.242	ng	# 95
24) Nitrobenzene	8.892	77	57697	9.074	ng	98
25) Isophorone	9.416	82	90279	8.745	ng	99
26) 2-Nitrophenol	9.598	139	22569	8.118	ng	90
27) 2,4-Dimethylphenol	9.657	122	21398	6.647	ng	92
28) bis(2-Chloroethoxy)met...	9.886	93	54454	8.798	ng	96
29) 2,4-Dichlorophenol	10.128	162	44741	8.188	ng	96
30) 1,2,4-Trichlorobenzene	10.339	180	57790	8.491	ng	100
31) Naphthalene	10.522	128	144920	8.766	ng	99
32) Benzoic acid	9.739	122	20954	5.567	ng	97
33) 4-Chloroaniline	10.633	127	54272	9.101	ng	98
34) Hexachlorobutadiene	10.810	225	41403	7.776	ng	93
35) Caprolactam	11.398	113	12568	7.728	ng	94
36) 4-Chloro-3-methylphenol	11.757	107	48392	8.255	ng	97
37) 2-Methylnaphthalene	12.128	142	103284	8.539	ng	97
38) 1-Methylnaphthalene	12.351	142	97037	8.126	ng	98
40) 1,2,4,5-Tetrachloroben...	12.504	216	73684	8.551	ng	99
41) Hexachlorocyclopentadiene	12.486	237	20080	6.272	ng	97
43) 2,4,6-Trichlorophenol	12.745	196	41217	7.793	ng	92

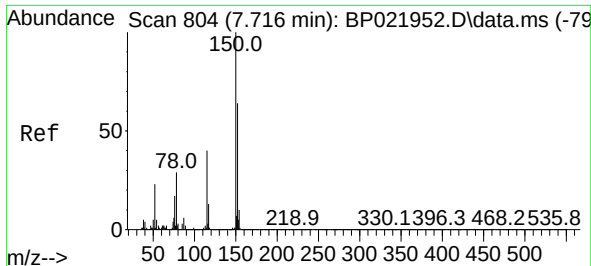
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021969.D
 Acq On : 20 Sep 2024 16:09
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	46382	7.818	ng	98
46) 1,1'-Biphenyl	13.145	154	148613	8.850	ng	100
47) 2-Chloronaphthalene	13.192	162	117150	8.628	ng	98
48) 2-Nitroaniline	13.392	65	28343	7.644	ng	97
49) Acenaphthylene	14.045	152	176292	9.201	ng	98
50) Dimethylphthalate	13.774	163	155574	8.709	ng	99
51) 2,6-Dinitrotoluene	13.892	165	31060	7.803	ng	95
52) Acenaphthene	14.386	154	105158	8.433	ng	99
53) 3-Nitroaniline	14.227	138	27776	7.830	ng	93
54) 2,4-Dinitrophenol	14.433	184	14891	6.385	ng	96
55) Dibenzofuran	14.722	168	186710	8.908	ng	97
56) 4-Nitrophenol	14.539	139	21607	6.998	ng	100
57) 2,4-Dinitrotoluene	14.686	165	43236	7.684	ng	96
58) Fluorene	15.380	166	147932	8.451	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	46346	8.094	ng	98
60) Diethylphthalate	15.157	149	155631	8.574	ng	98
61) 4-Chlorophenyl-phenyle...	15.374	204	85784	8.418	ng	99
62) 4-Nitroaniline	15.398	138	29831	7.647	ng	96
63) Azobenzene	15.674	77	131800	8.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	24881	7.078	ng	95
66) n-Nitrosodiphenylamine	15.598	169	131486	8.707	ng	99
67) 4-Bromophenyl-phenylether	16.292	248	58396	8.260	ng	97
68) Hexachlorobenzene	16.404	284	72959	8.277	ng	99
69) Atrazine	16.574	200	55252	10.212	ng	99
70) Pentachlorophenol	16.757	266	41362	6.975	ng	98
71) Phenanthrene	17.157	178	254381	8.738	ng	99
72) Anthracene	17.257	178	232294	8.243	ng	99
73) Carbazole	17.533	167	232605	8.546	ng	100
74) Di-n-butylphthalate	18.127	149	253105	7.917	ng	99
75) Fluoranthene	19.251	202	335293	8.251	ng	99
77) Benzidine	19.451	184	118091	13.049	ng	99
78) Pyrene	19.627	202	356250	7.952	ng	100
80) Butylbenzylphthalate	20.580	149	119681	7.490	ng	95
81) Benzo(a)anthracene	21.533	228	412920	8.678	ng	98
82) 3,3'-Dichlorobenzidine	21.462	252	142816	8.272	ng	97
83) Chrysene	21.609	228	395436	8.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	181076	7.722	ng	98
85) Di-n-octyl phthalate	22.739	149	293710	7.374	ng	100
87) Indeno(1,2,3-cd)pyrene	28.591	276	523745	9.071	ng	100
88) Benzo(b)fluoranthene	23.880	252	437228	8.516	ng	99
89) Benzo(k)fluoranthene	23.880	252	437228	8.999	ng	98
90) Benzo(a)pyrene	24.686	252	391206	8.845	ng	98
91) Dibenzo(a,h)anthracene	28.668	278	433479	9.096	ng	99
92) Benzo(g,h,i)perylene	29.744	276	415352	8.509	ng	97

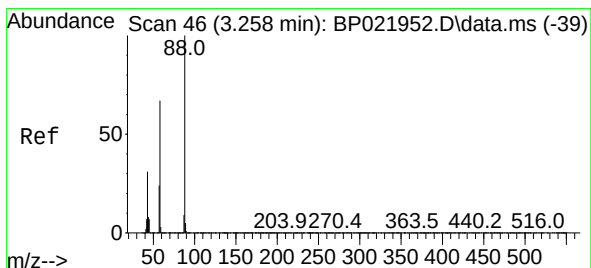
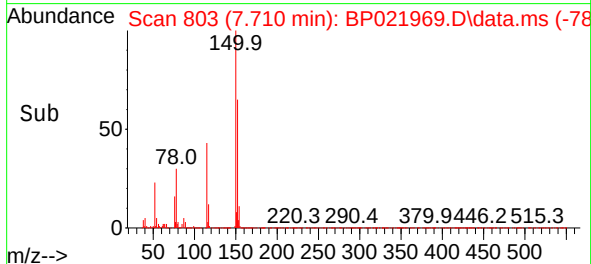
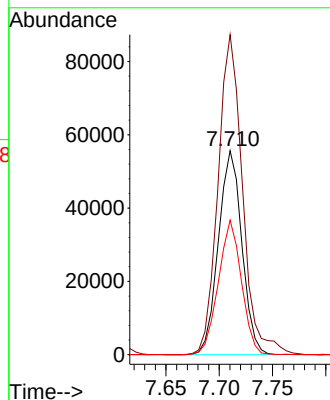
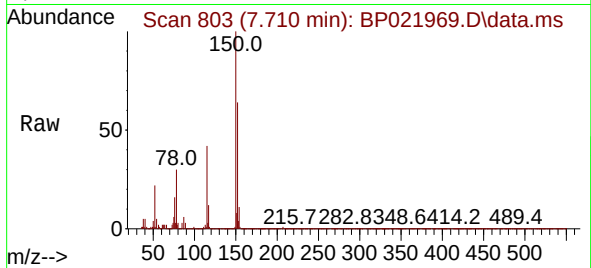
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

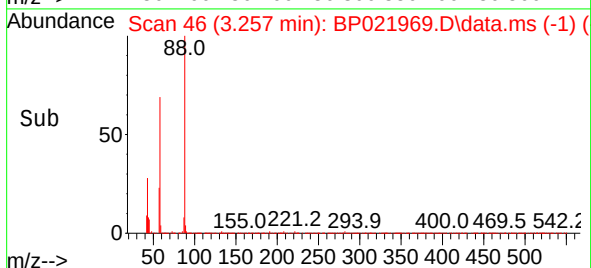
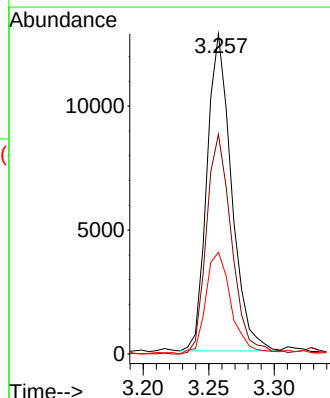
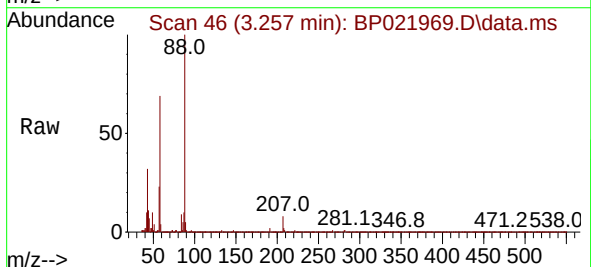
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

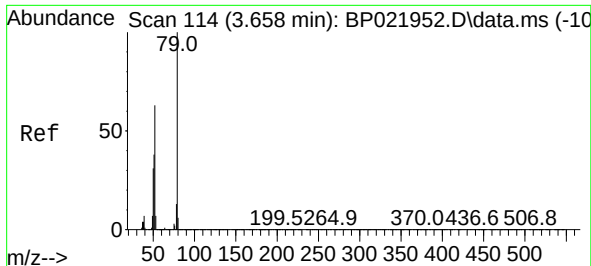
Tgt Ion:152 Resp: 85184
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 65.9 49.2 73.8



#2
1,4-Dioxane
Concen: 8.866 ng
RT: 3.257 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 88 Resp: 16688
Ion Ratio Lower Upper
88 100
58 71.1 53.8 80.6
43 33.4 25.2 37.8

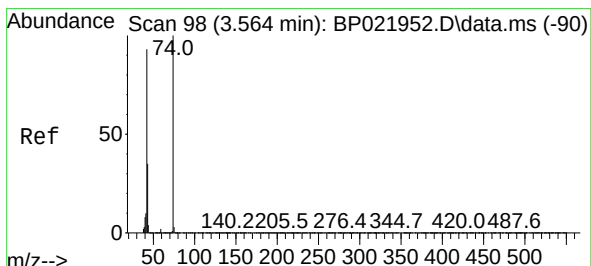
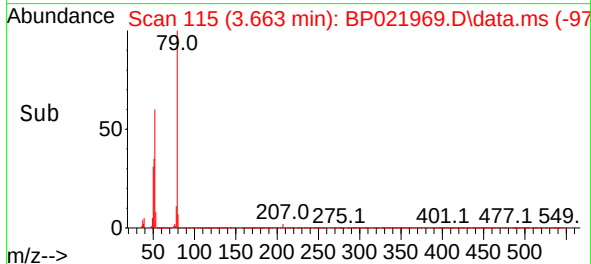
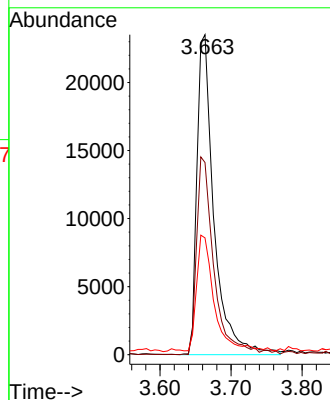
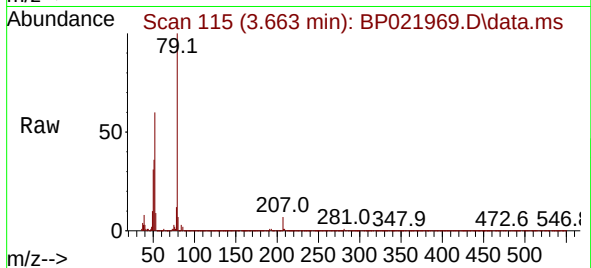




#3
Pyridine
Concen: 7.829 ng
RT: 3.663 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

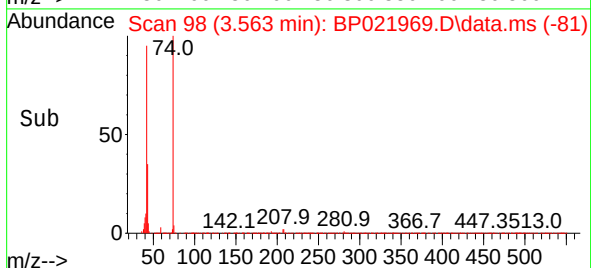
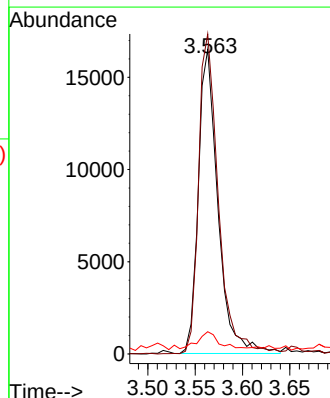
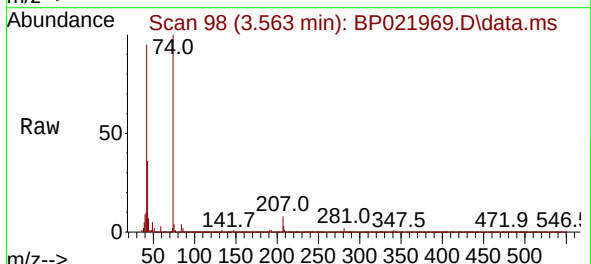
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

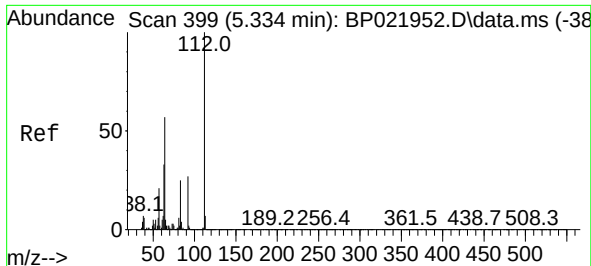
Tgt Ion: 79 Resp: 39299
Ion Ratio Lower Upper
79 100
52 60.1 50.3 75.5
51 36.5 30.9 46.3



#4
n-Nitrosodimethylamine
Concen: 8.990 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 42 Resp: 23806
Ion Ratio Lower Upper
42 100
74 105.1 86.3 129.5
44 7.3 4.0 6.0

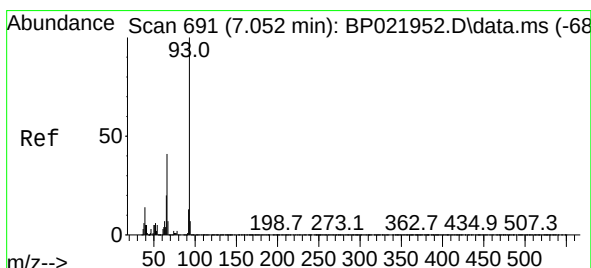
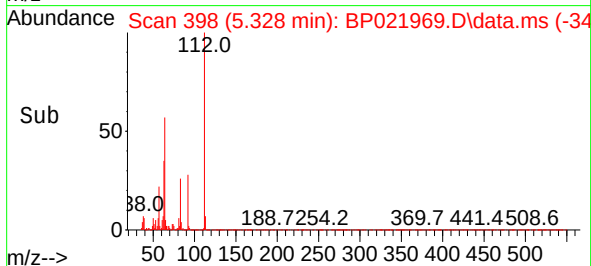
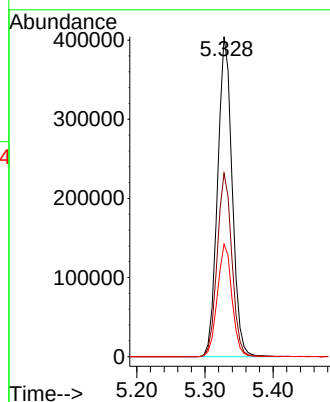
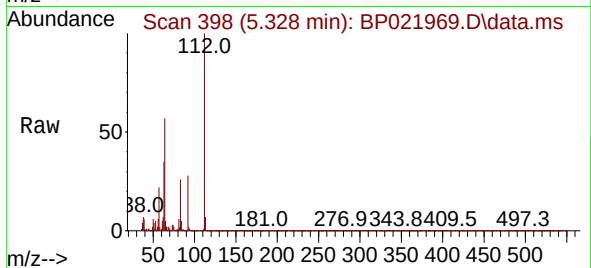




#5
2-Fluorophenol
Concen: 132.534 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

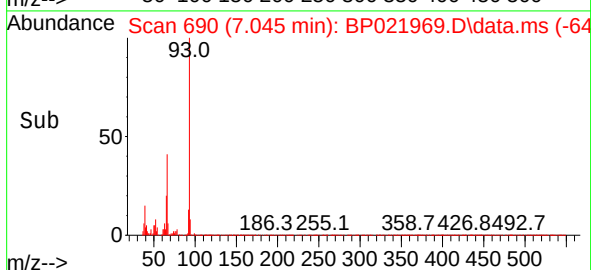
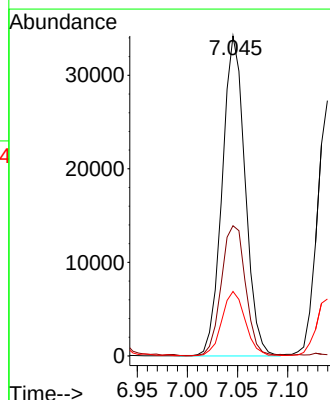
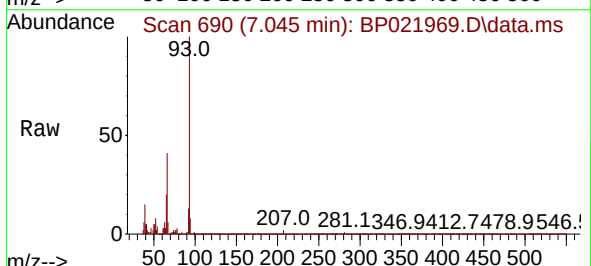
Instrument :
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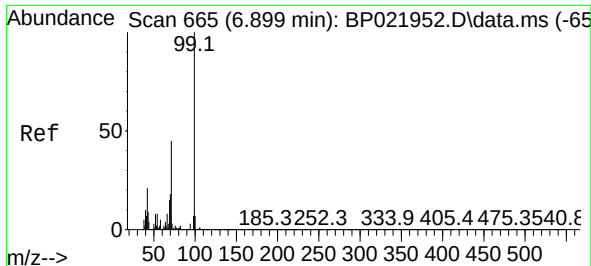
Tgt Ion:112 Resp: 600752
Ion Ratio Lower Upper
112 100
64 57.3 45.4 68.0
63 35.2 26.6 39.8



#6
Aniline
Concen: 10.490 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 93 Resp: 54242
Ion Ratio Lower Upper
93 100
66 40.7 33.0 49.4
65 20.1 16.1 24.1

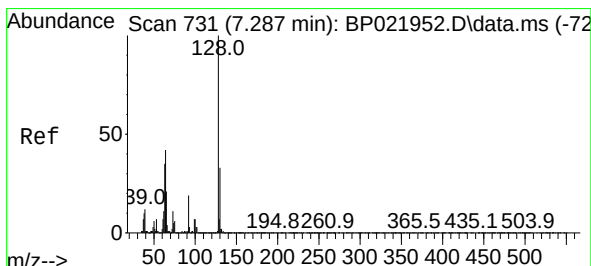
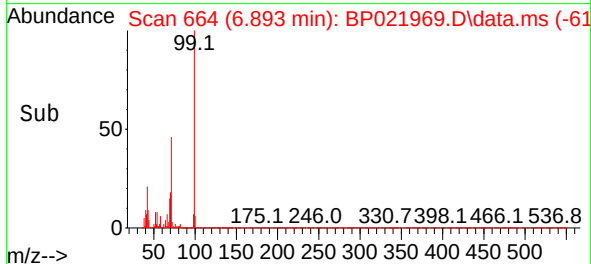
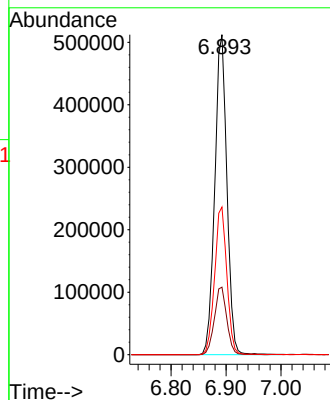
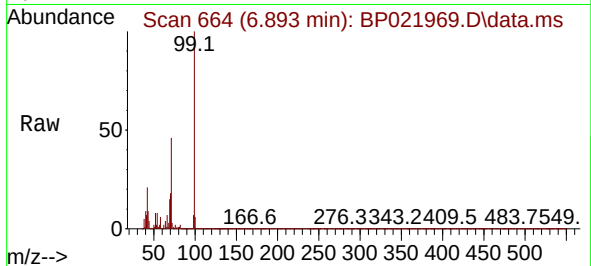




#7
Phenol-d6
Concen: 133.341 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

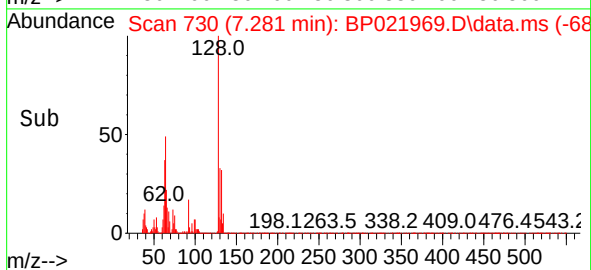
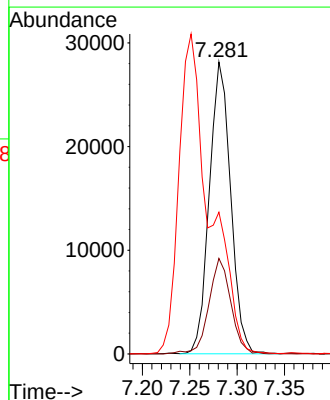
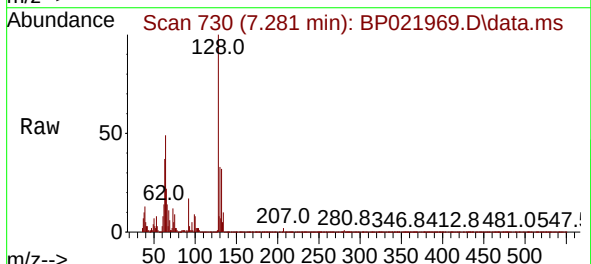
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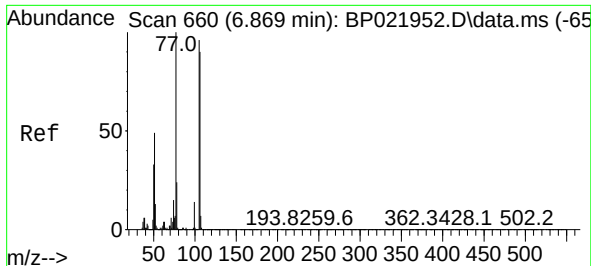
Tgt Ion: 99 Resp: 784636
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 46.1 35.8 53.6



#8
2-Chlorophenol
Concen: 9.076 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:128 Resp: 43992
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 48.6 22.1 62.1

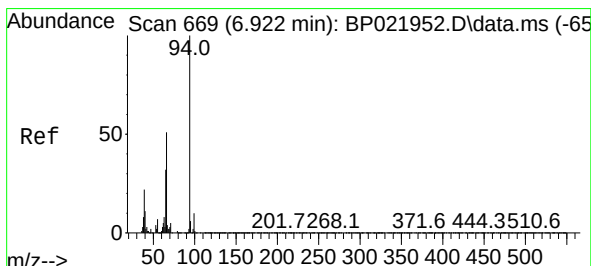
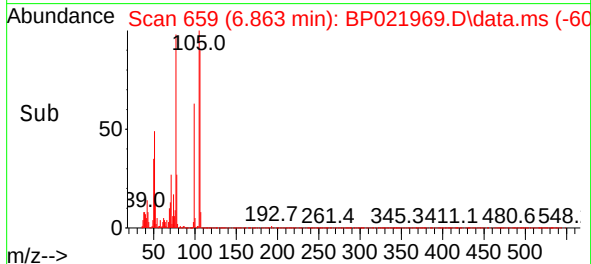
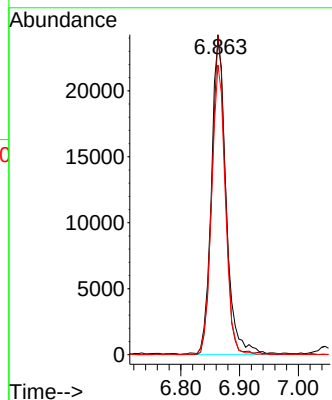
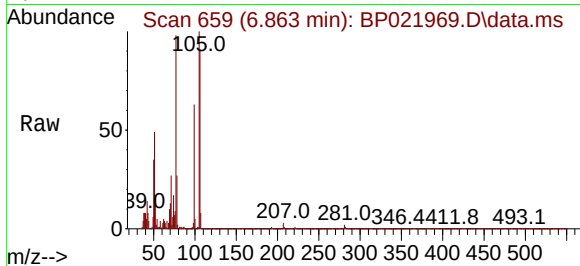




#9
Benzaldehyde
Concen: 13.650 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

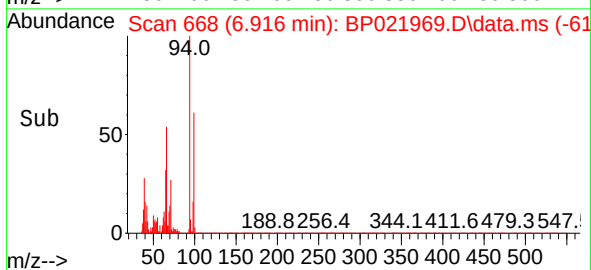
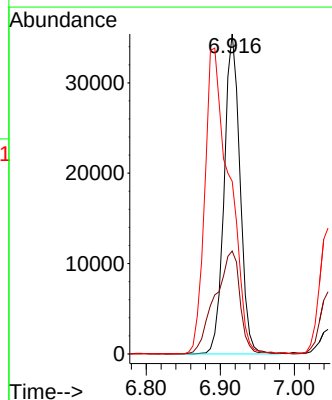
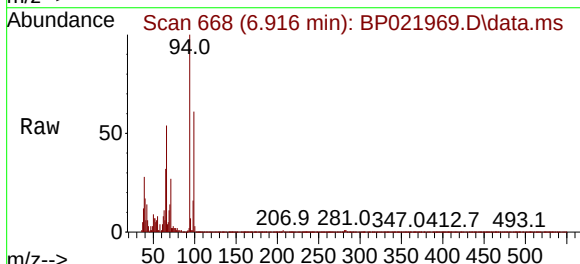
Instrument :
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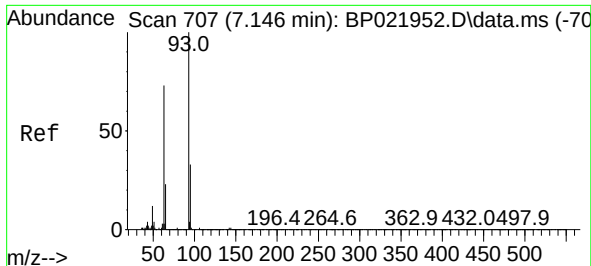
Tgt Ion:	77	Resp:	41998
Ion	Ratio	Lower	Upper
77	100		
105	101.9	76.1	116.1
106	92.2	69.9	109.9



#10
Phenol
Concen: 8.995 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:	94	Resp:	52571
Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.5	52.5
66	54.0	31.2	71.2

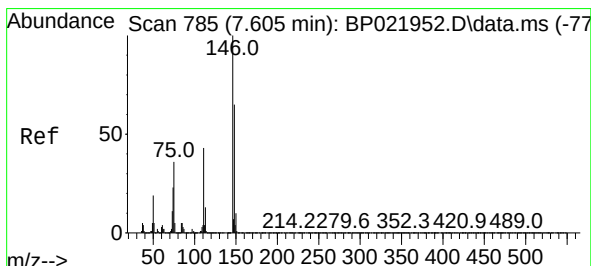
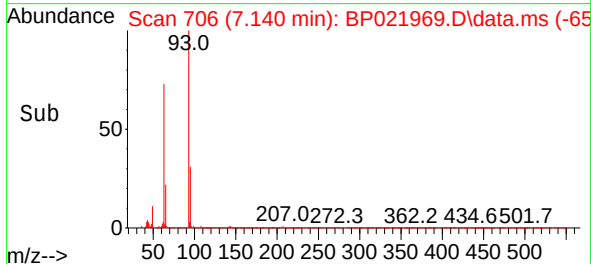
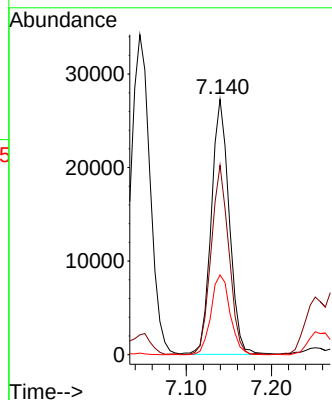
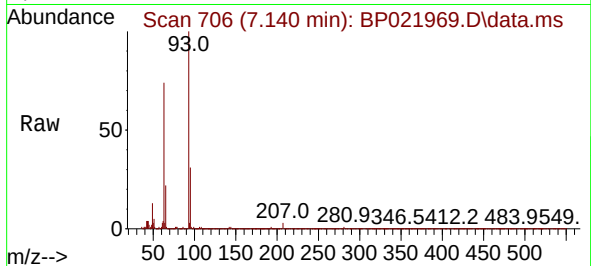




#11
bis(2-Chloroethyl)ether
Concen: 9.089 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

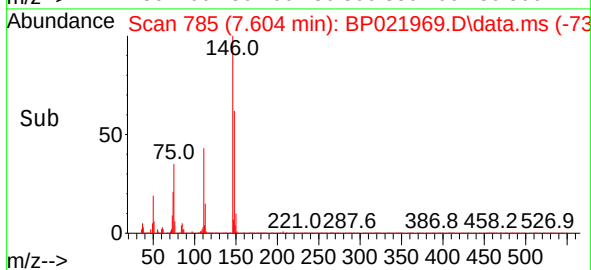
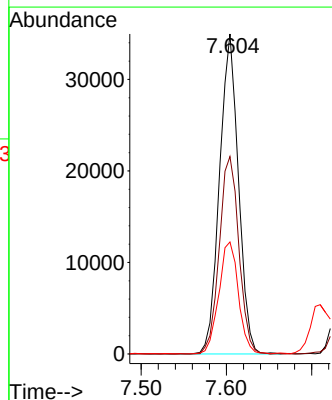
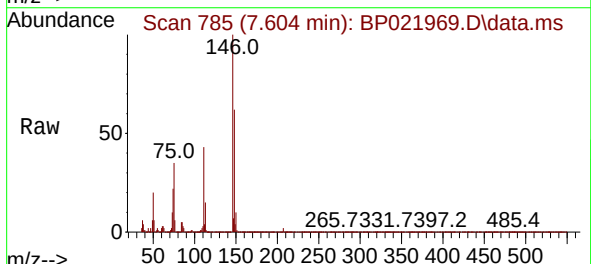
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

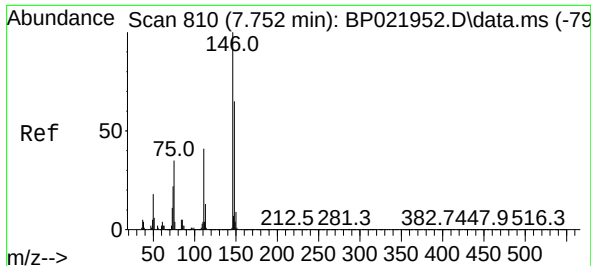
Tgt Ion: 93 Resp: 40013
Ion Ratio Lower Upper
93 100
63 74.2 53.0 93.0
95 31.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 8.809 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:146 Resp: 53907
Ion Ratio Lower Upper
146 100
148 61.7 52.3 78.5
75 35.0 29.0 43.6

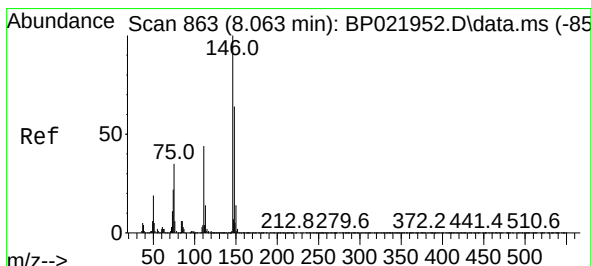
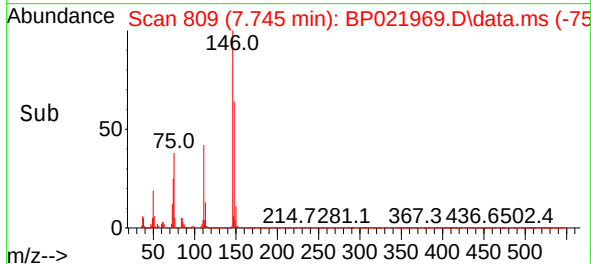
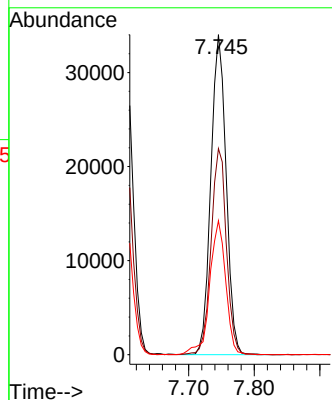
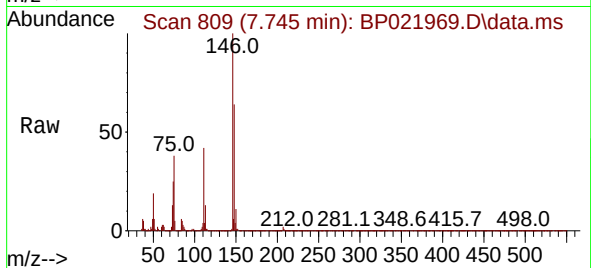




#13
1,4-Dichlorobenzene
Concen: 8.865 ng
RT: 7.745 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

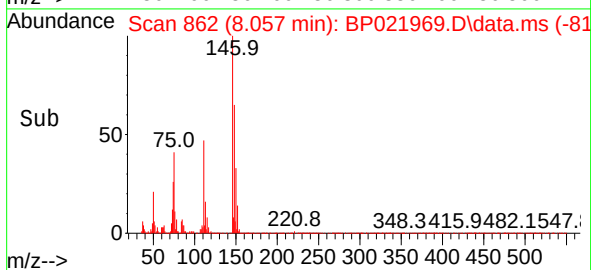
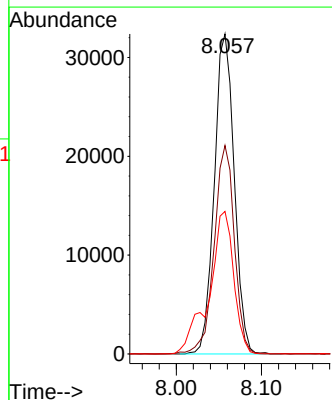
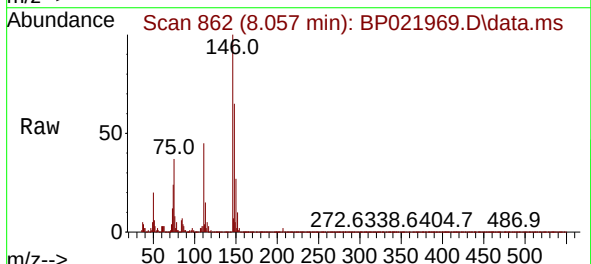
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

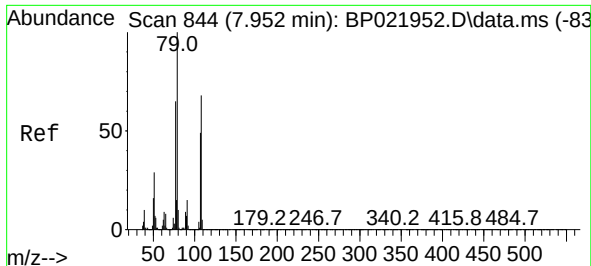
Tgt Ion:146 Resp: 55016
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 41.9 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 8.836 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:146 Resp: 52630
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
111 44.5 35.6 53.4

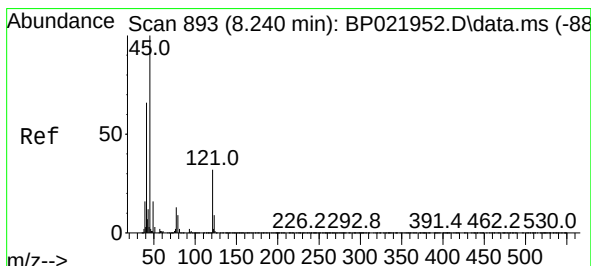
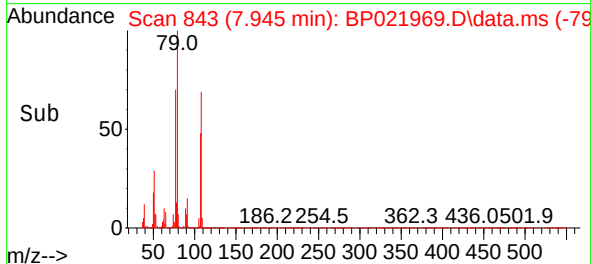
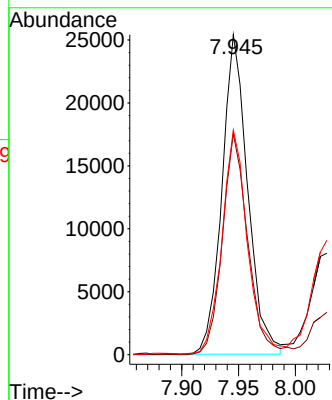
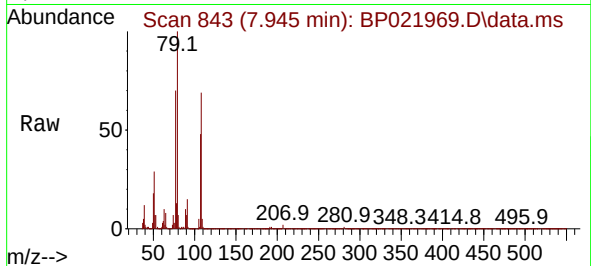




#15
Benzyl Alcohol
Concen: 8.852 ng
RT: 7.945 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

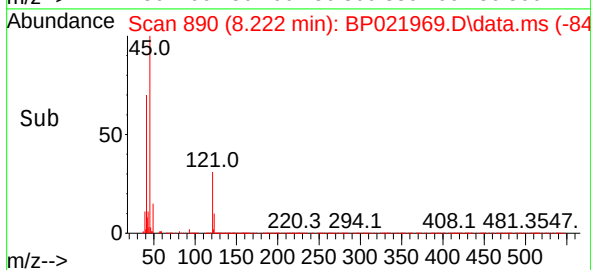
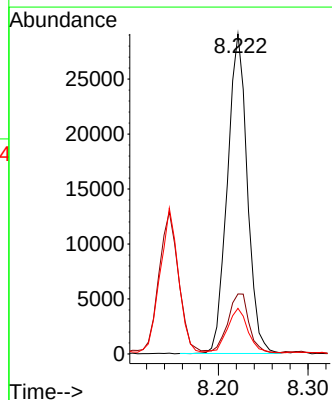
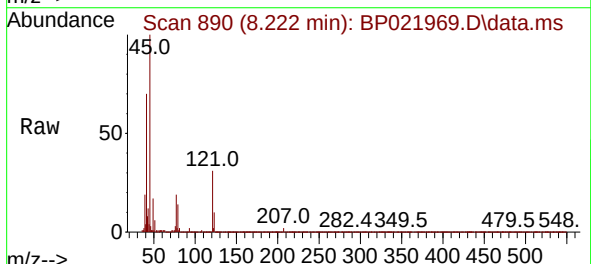
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

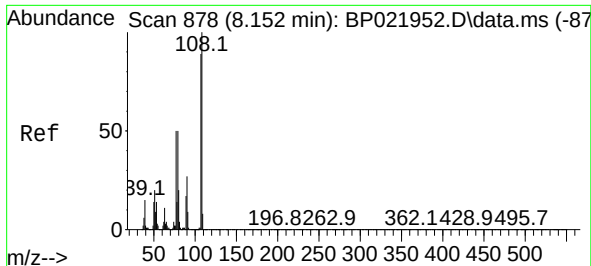
Tgt Ion: 79 Resp: 39947
Ion Ratio Lower Upper
79 100
108 69.0 54.7 82.1
77 70.2 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.546 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 45 Resp: 44825
Ion Ratio Lower Upper
45 100
77 18.8 0.0 39.5
79 14.3 0.0 34.9

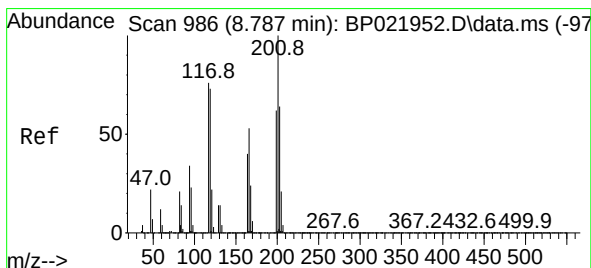
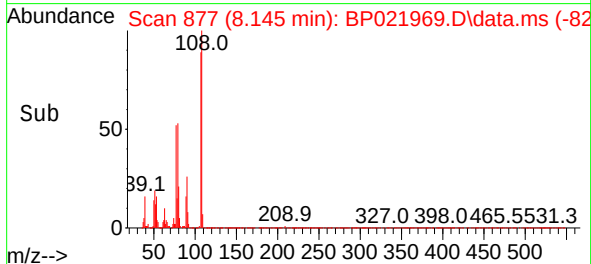
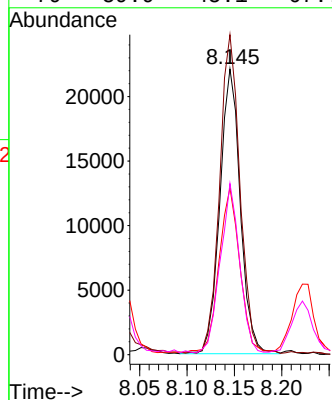
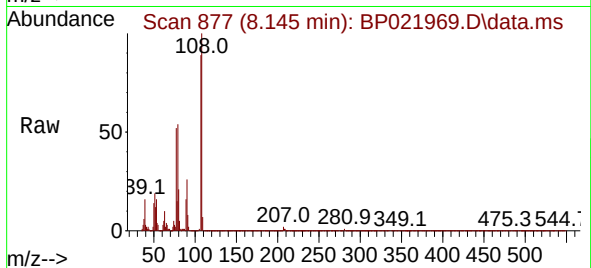




#17
2-Methylphenol
Concen: 8.414 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

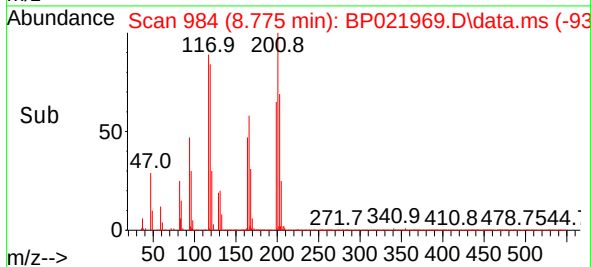
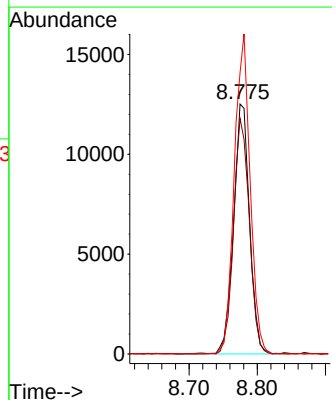
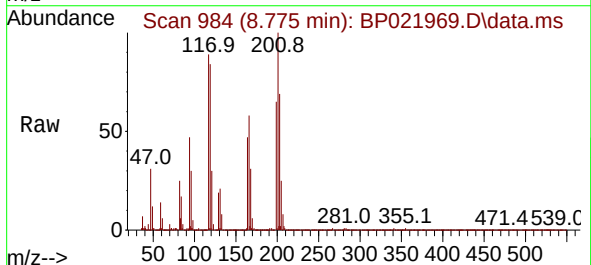
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

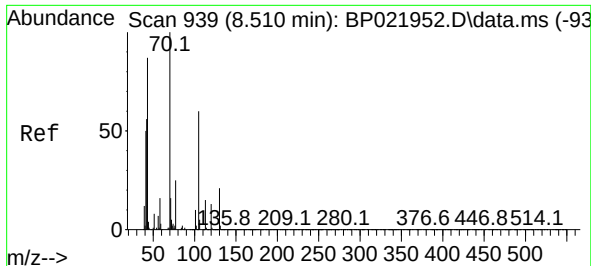
Tgt Ion:	107	Resp:	33220
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.3	135.5
77	58.4	45.1	67.7
79	59.9	45.1	67.7



#18
Hexachloroethane
Concen: 8.939 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:	117	Resp:	20398
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.0	115.4
201	112.5	105.6	158.4

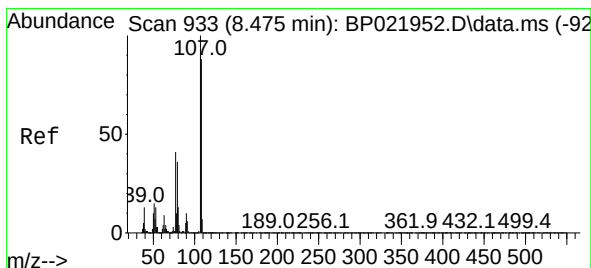
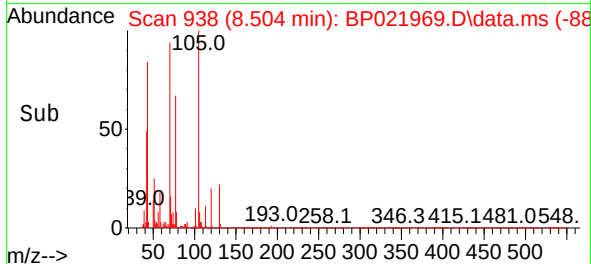
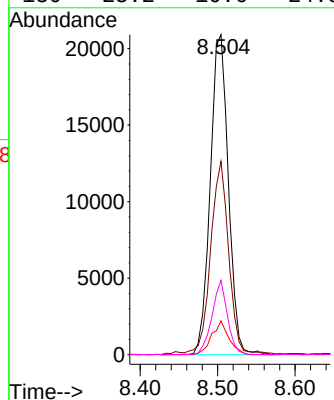
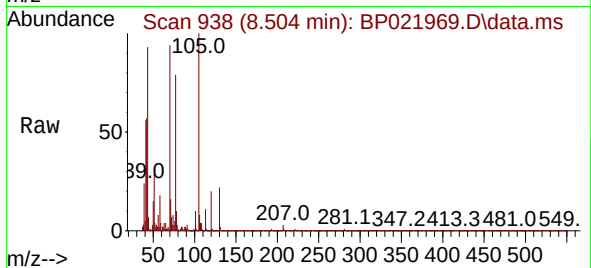




#19
n-Nitroso-di-n-propylamine
Concen: 9.295 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

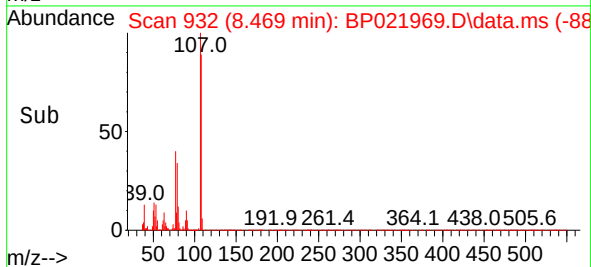
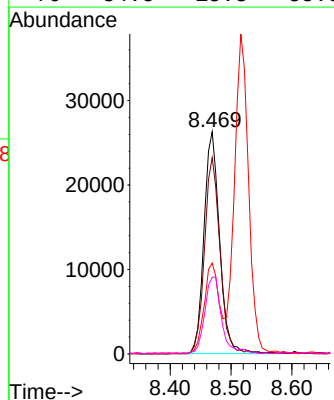
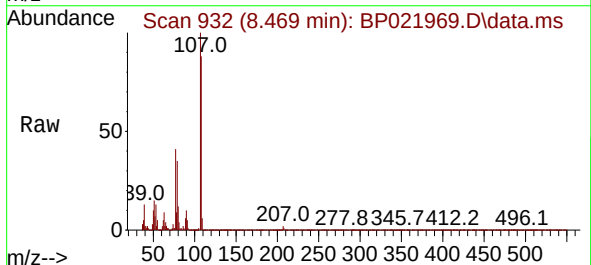
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

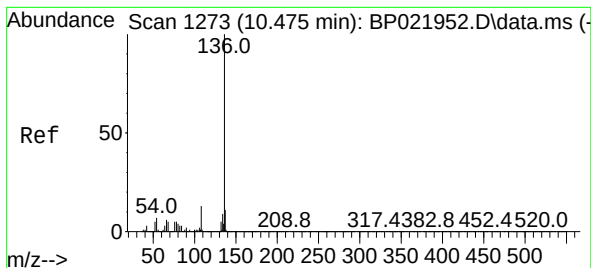
Tgt Ion: 70	Resp: 33997
Ion Ratio	Lower Upper
70 100	
42 60.4	45.2 67.8
101 10.6	7.8 11.6
130 23.2	16.6 24.8



#20
3+4-Methylphenols
Concen: 8.384 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt	Ion:107	Resp:	46731
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.3	108.3
77	40.9	20.6	60.6
79	34.5	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.475 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:136 Resp: 331316

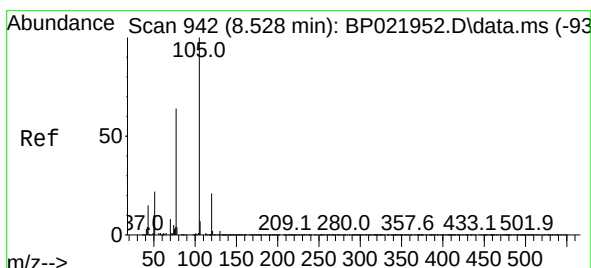
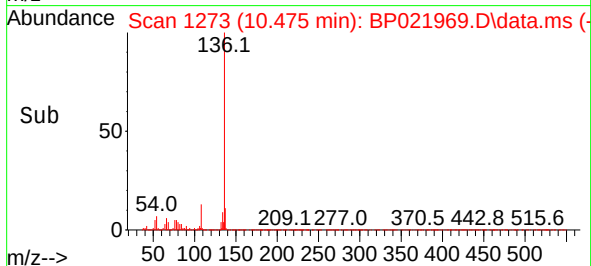
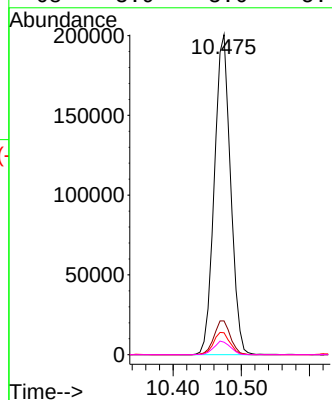
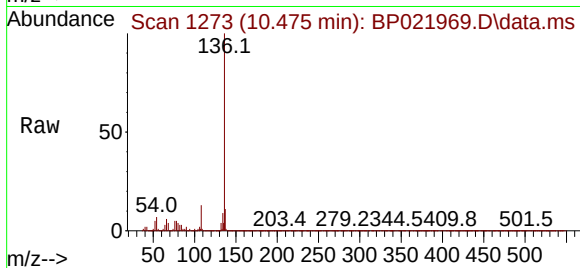
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.8 5.5 8.3

68 3.9 3.6 5.4



#22

Acetophenone

Concen: 9.242 ng

RT: 8.516 min Scan# 940

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:105 Resp: 74695

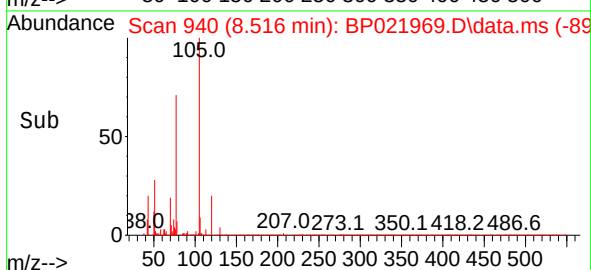
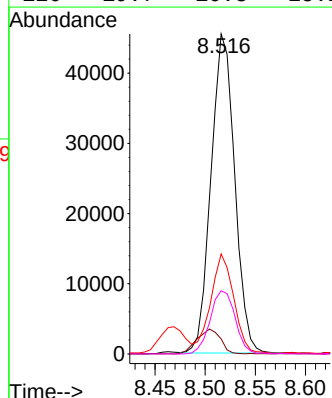
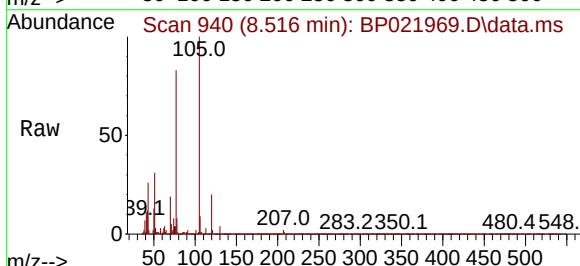
Ion Ratio Lower Upper

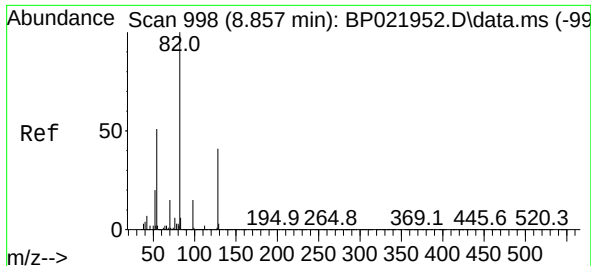
105 100

71 4.7 1.4 2.0#

51 31.3 22.1 33.1

120 19.7 16.8 25.2





#23

Nitrobenzene-d5

Concen: 98.564 ng

RT: 8.851 min Scan# 99

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

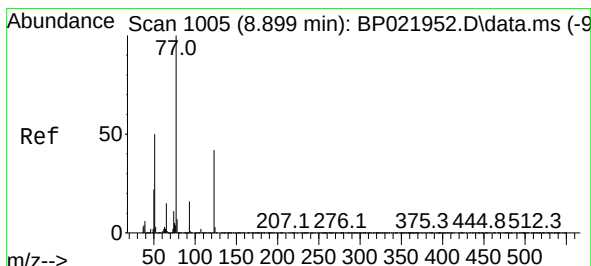
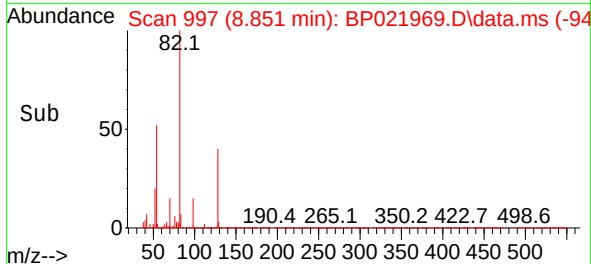
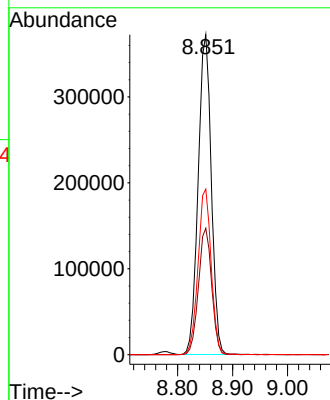
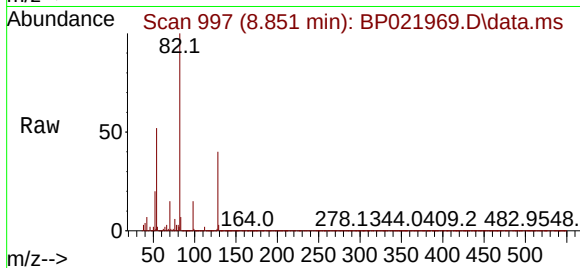
Tgt Ion: 82 Resp: 617160

Ion Ratio Lower Upper

82 100

128 39.5 33.1 49.7

54 51.8 40.3 60.5



#24

Nitrobenzene

Concen: 9.074 ng

RT: 8.892 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

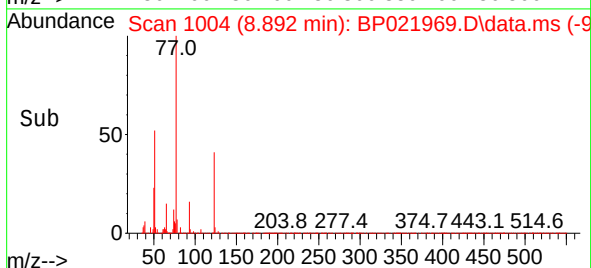
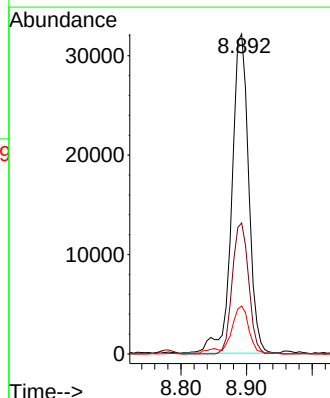
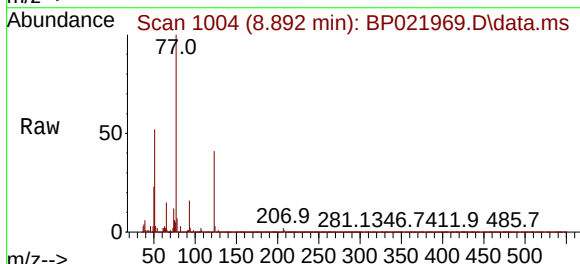
Tgt Ion: 77 Resp: 57697

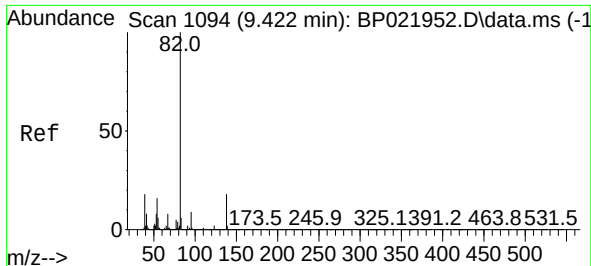
Ion Ratio Lower Upper

77 100

123 41.0 33.9 50.9

65 15.0 12.0 18.0





#25

Isophorone

Concen: 8.745 ng

RT: 9.416 min Scan# 1093

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

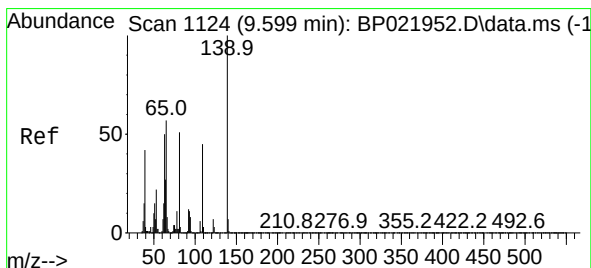
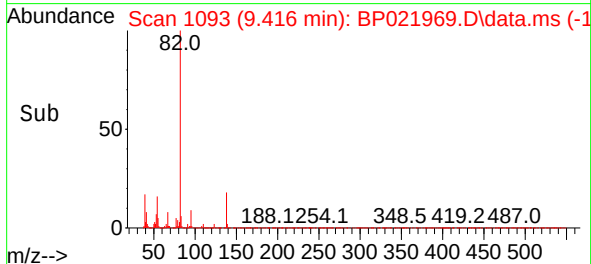
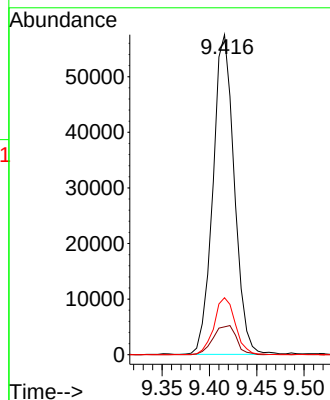
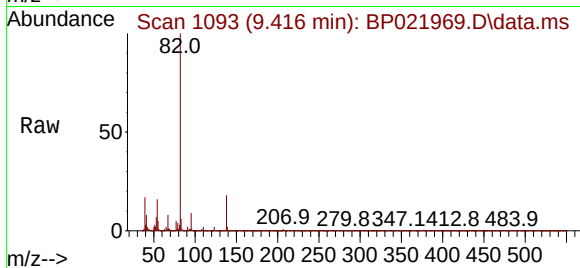
Tgt Ion: 82 Resp: 90279

Ion Ratio Lower Upper

82 100

95 8.7 7.0 10.6

138 17.8 14.6 21.8



#26

2-Nitrophenol

Concen: 8.118 ng

RT: 9.598 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

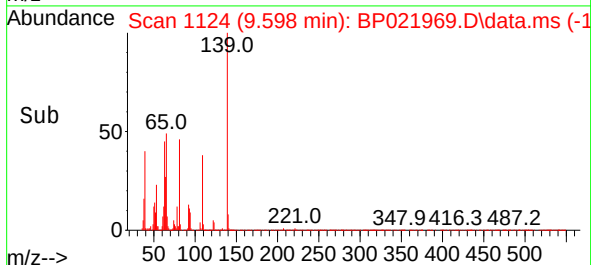
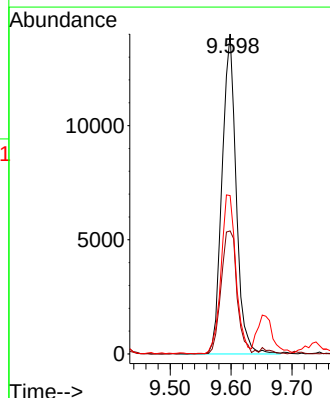
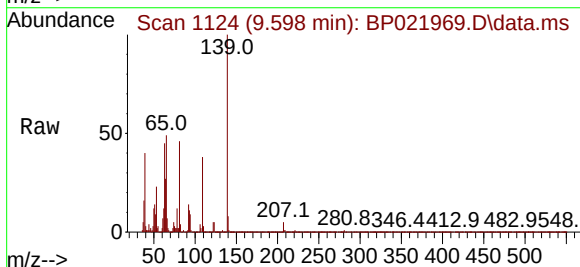
Tgt Ion: 139 Resp: 22569

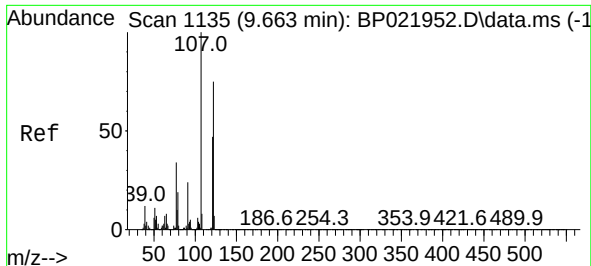
Ion Ratio Lower Upper

139 100

109 38.4 36.0 54.0

65 49.5 45.7 68.5

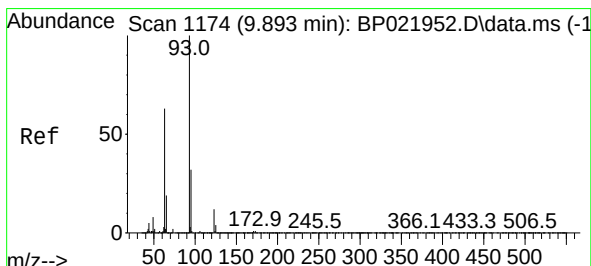
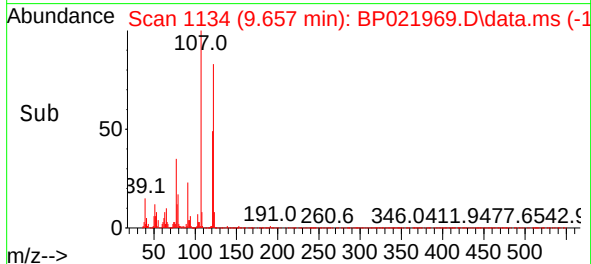
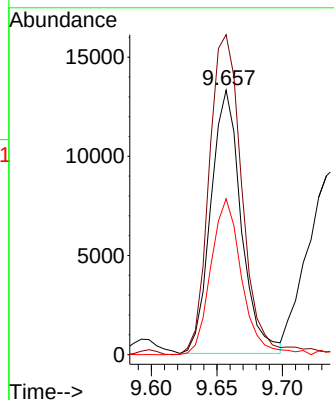
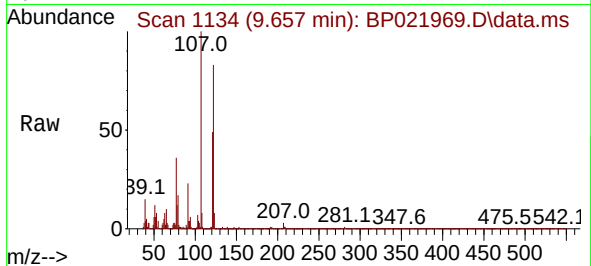




#27
2,4-Dimethylphenol
Concen: 6.647 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

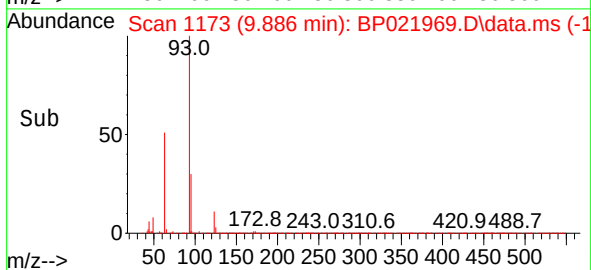
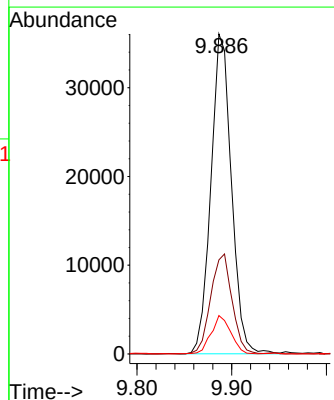
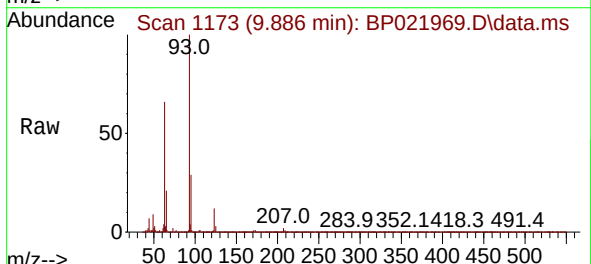
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

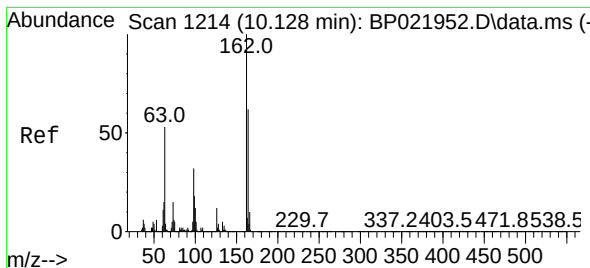
Tgt Ion:122 Resp: 21398
Ion Ratio Lower Upper
122 100
107 121.0 106.1 159.1
121 58.9 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 8.798 ng
RT: 9.886 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion: 93 Resp: 54454
Ion Ratio Lower Upper
93 100
95 29.4 25.7 38.5
123 12.0 9.4 14.0

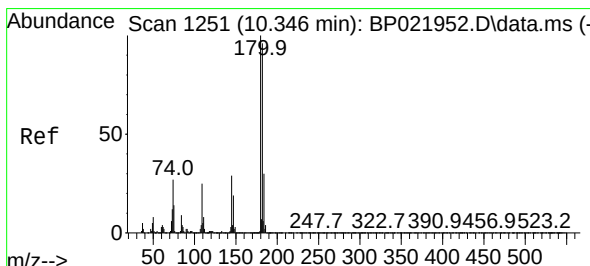
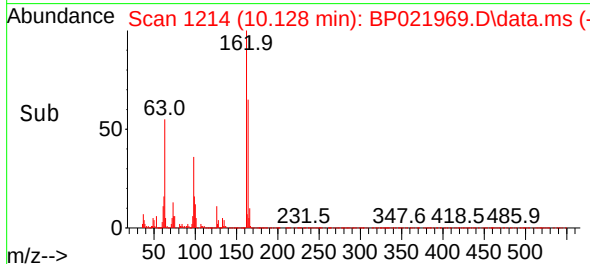
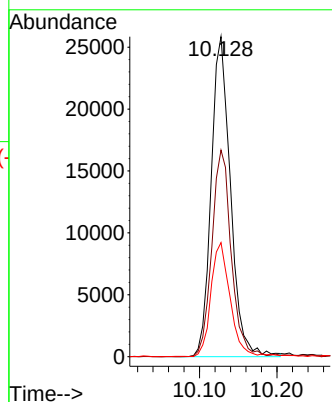
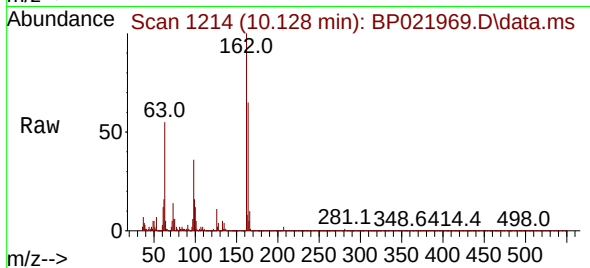




#29
2,4-Dichlorophenol
Concen: 8.188 ng
RT: 10.128 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

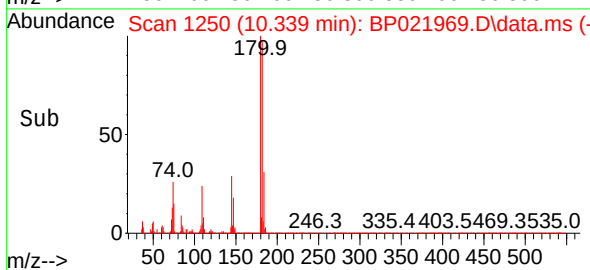
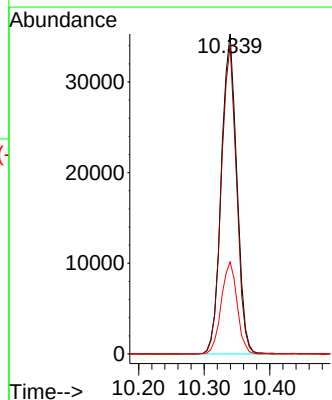
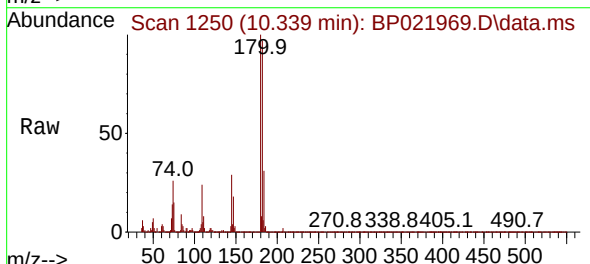
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

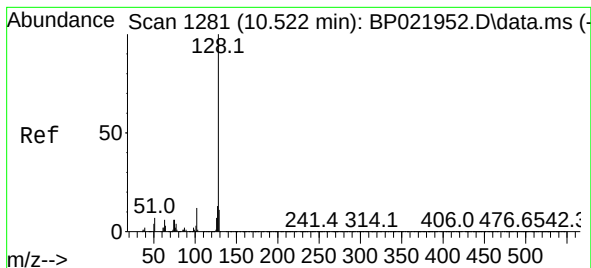
Tgt Ion:162 Resp: 44741
Ion Ratio Lower Upper
162 100
164 64.6 41.7 81.7
98 35.7 12.4 52.4



#30
1,2,4-Trichlorobenzene
Concen: 8.491 ng
RT: 10.339 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:180 Resp: 57790
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.4
145 28.8 23.0 34.6

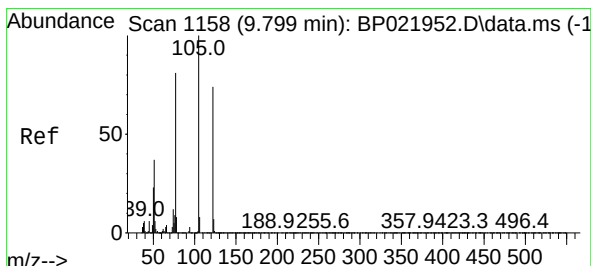
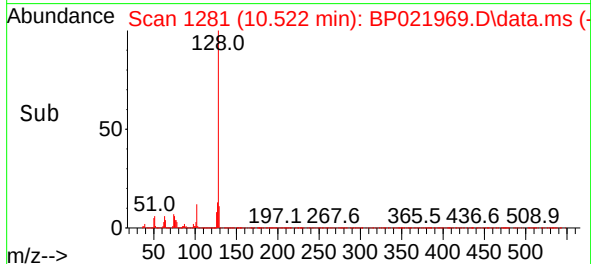
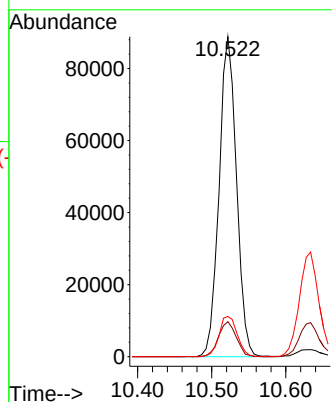
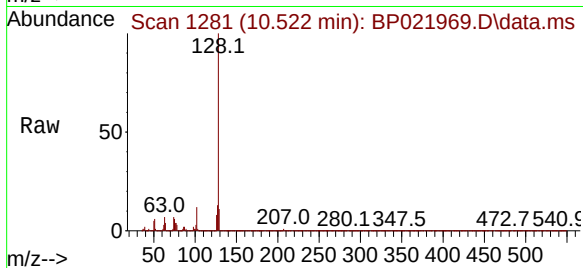




#31
Naphthalene
Concen: 8.766 ng
RT: 10.522 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

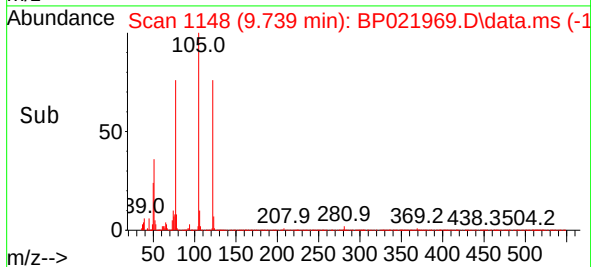
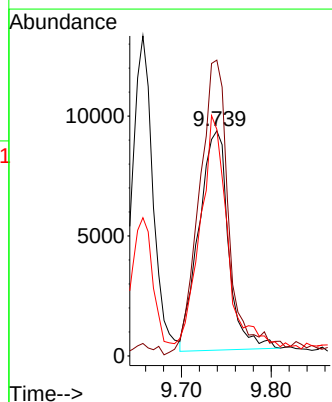
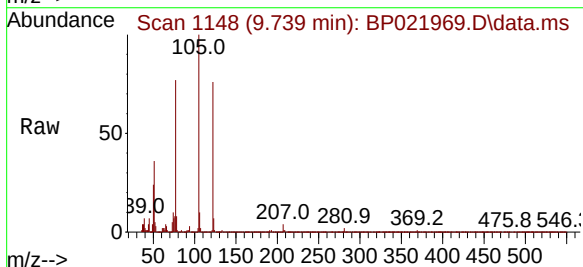
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

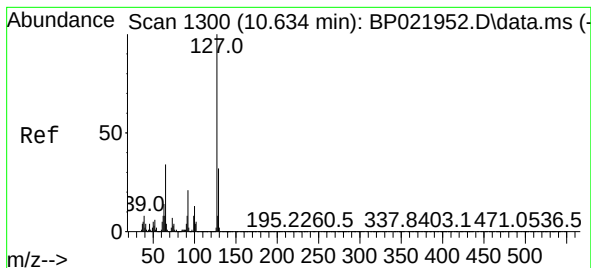
Tgt Ion:128 Resp: 144920
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.5 10.6 15.8



#32
Benzoic acid
Concen: 5.567 ng
RT: 9.739 min Scan# 1148
Delta R.T. -0.059 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:122 Resp: 20954
Ion Ratio Lower Upper
122 100
105 131.4 111.3 151.3
77 100.7 86.7 126.7





#33

4-Chloroaniline

Concen: 9.101 ng

RT: 10.633 min Scan# 1300

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:127 Resp: 54272

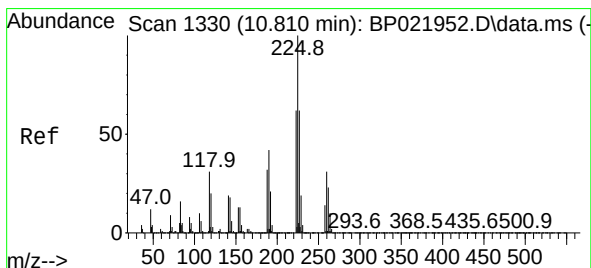
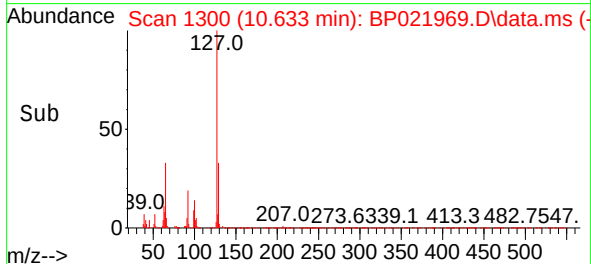
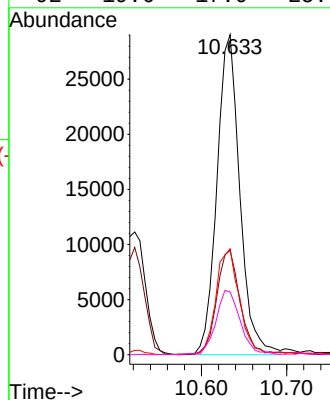
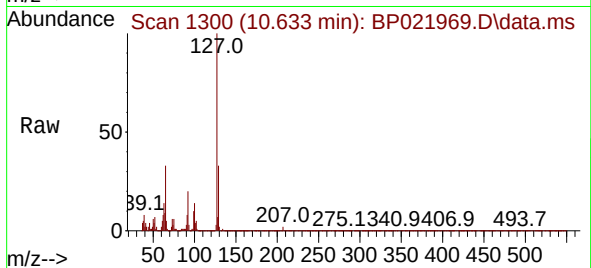
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.0

65 33.1 27.4 41.2

92 19.6 17.0 25.4



#34

Hexachlorobutadiene

Concen: 7.776 ng

RT: 10.810 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

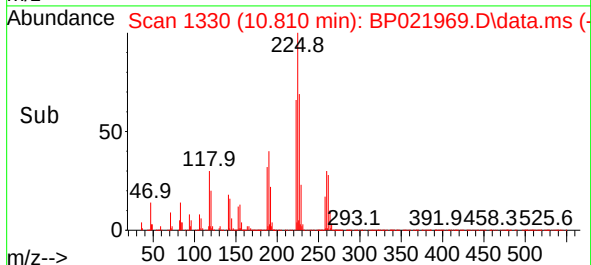
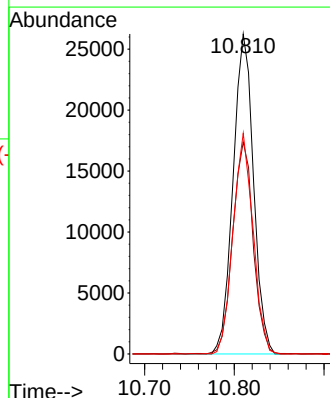
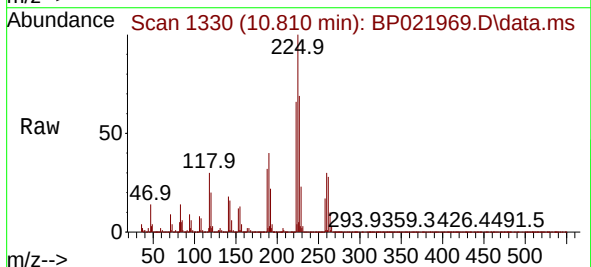
Tgt Ion:225 Resp: 41403

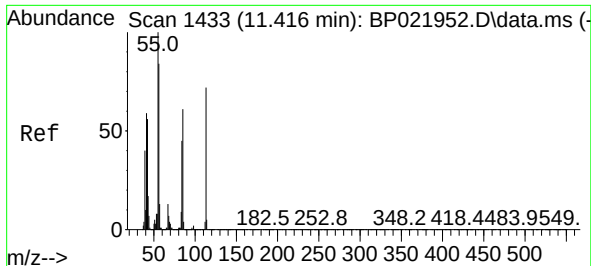
Ion Ratio Lower Upper

225 100

223 66.2 50.0 75.0

227 69.0 49.7 74.5

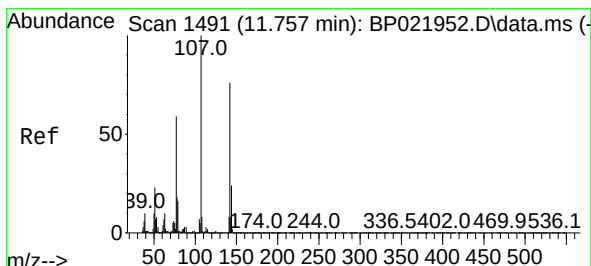
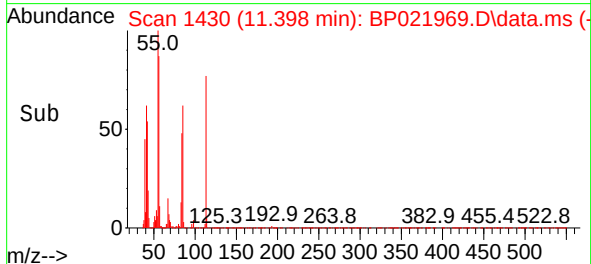
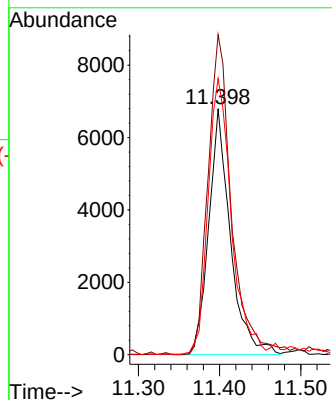
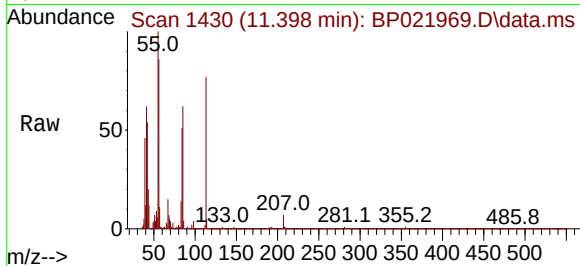




#35
Caprolactam
Concen: 7.728 ng
RT: 11.398 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

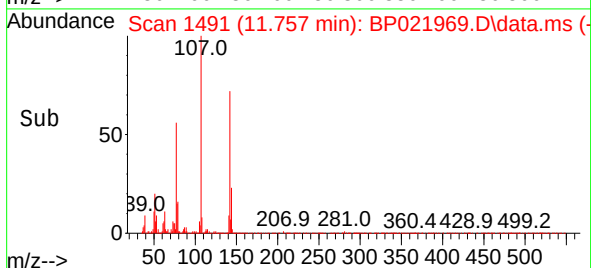
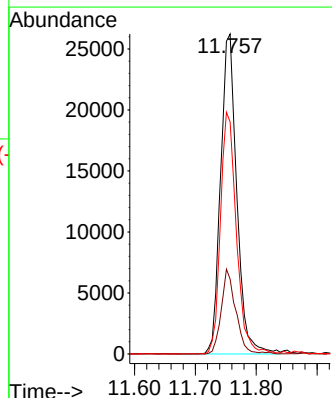
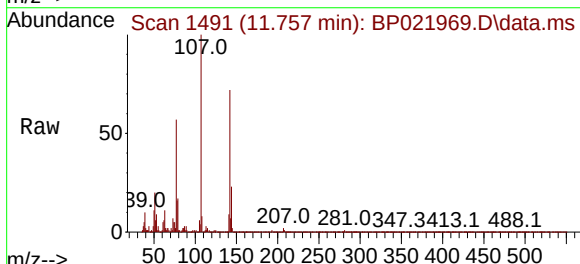
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

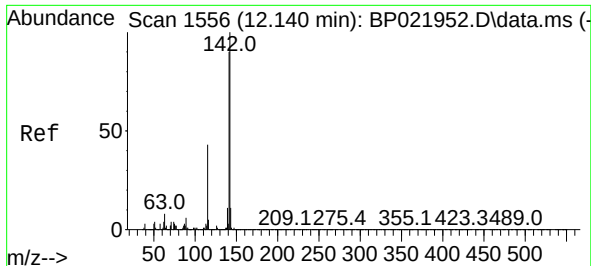
Tgt Ion	Ratio	Lower	Upper
113	100		
55	130.0	119.4	159.4
56	112.2	97.1	137.1



#36
4-Chloro-3-methylphenol
Concen: 8.255 ng
RT: 11.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.0	28.4
142	72.5	60.4	90.6

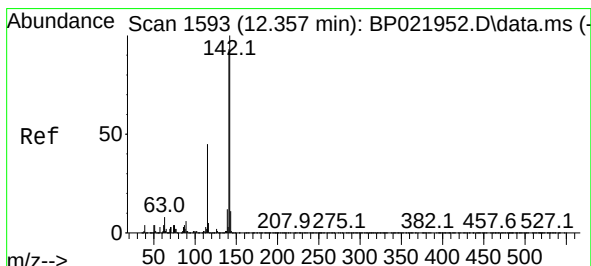
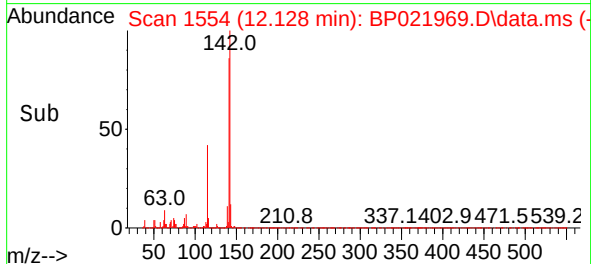
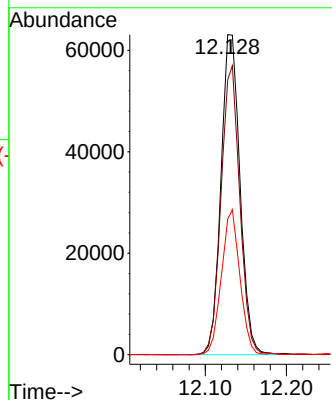
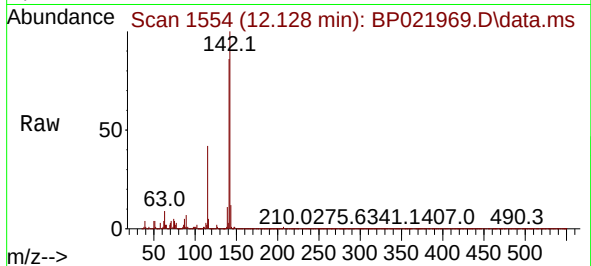




#37
2-Methylnaphthalene
Concen: 8.539 ng
RT: 12.128 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

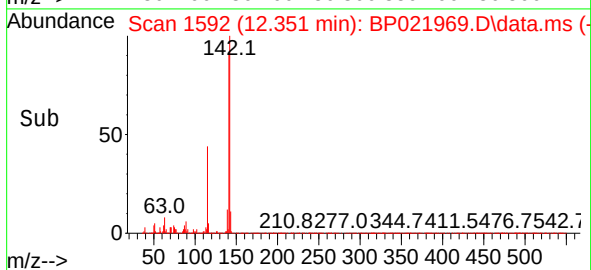
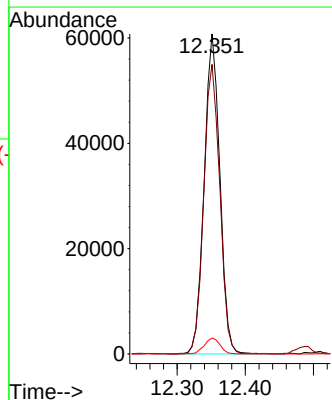
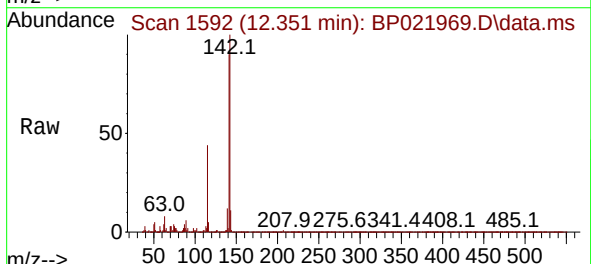
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

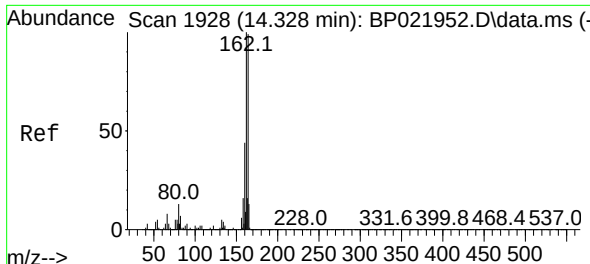
Tgt Ion:142 Resp: 103284
Ion Ratio Lower Upper
142 100
141 85.9 71.7 107.5
115 42.3 34.6 51.8



#38
1-Methylnaphthalene
Concen: 8.126 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:142 Resp: 97037
Ion Ratio Lower Upper
142 100
141 90.5 74.1 111.1
116 5.0 3.8 5.8

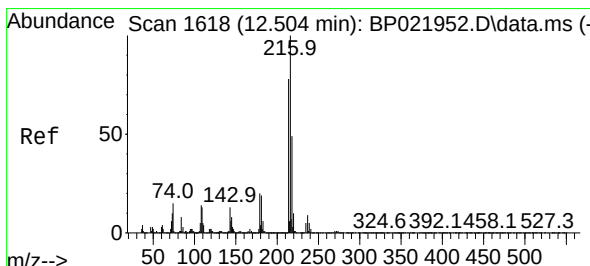
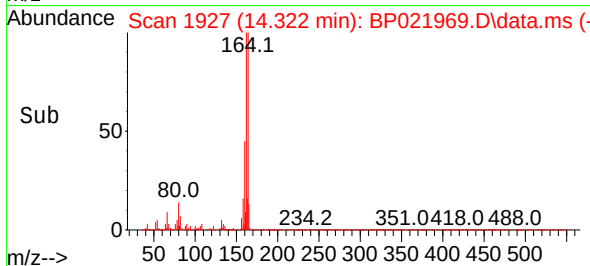
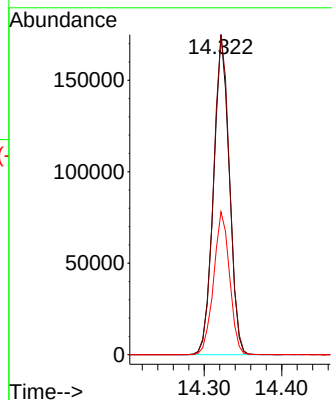
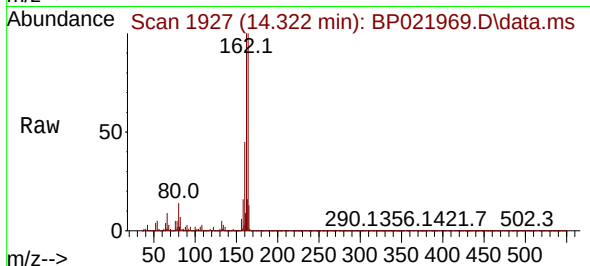




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

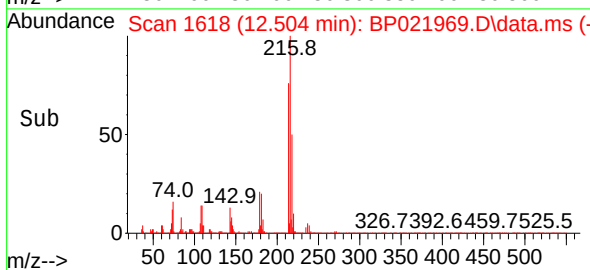
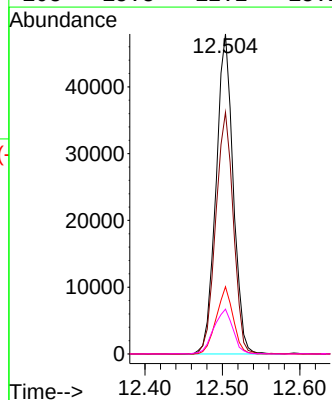
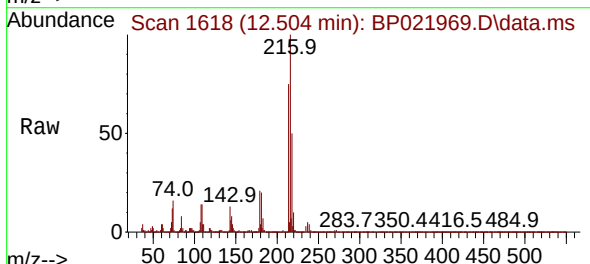
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

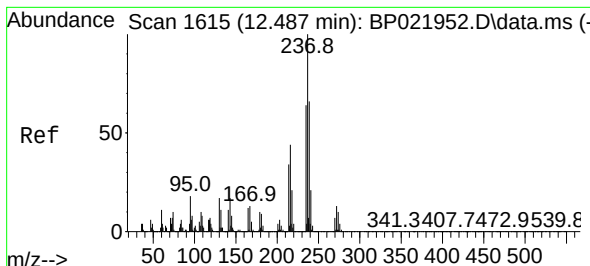
Tgt Ion:164 Resp: 246291
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 44.7 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.551 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:216 Resp: 73684
Ion Ratio Lower Upper
216 100
214 77.3 62.8 94.2
179 20.7 16.4 24.6
108 15.8 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 6.272 ng

RT: 12.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

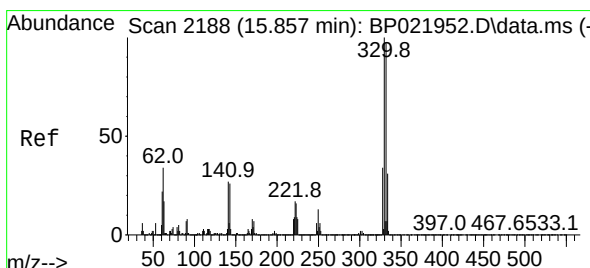
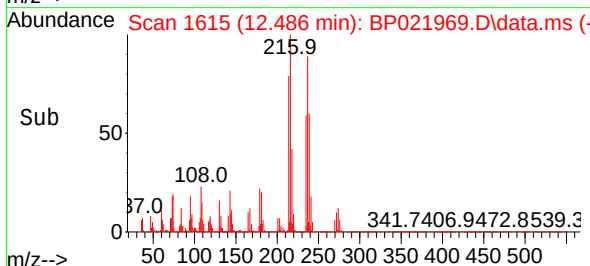
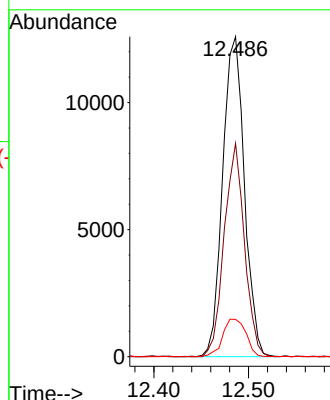
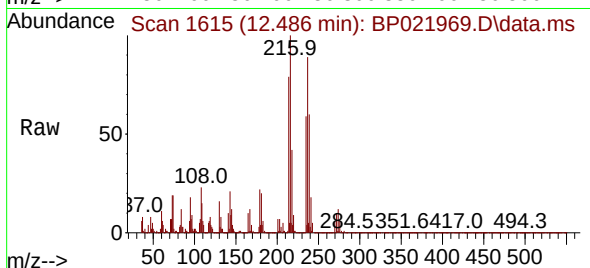
Tgt Ion:237 Resp: 20080

Ion Ratio Lower Upper

237 100

235 66.6 44.1 84.1

272 11.7 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 141.380 ng

RT: 15.839 min Scan# 2185

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

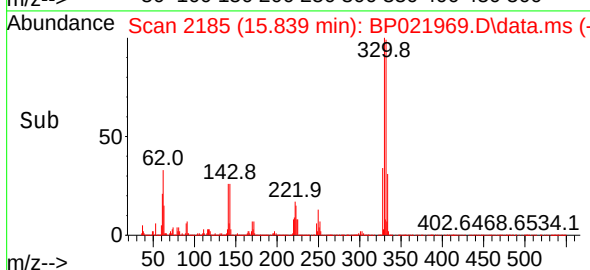
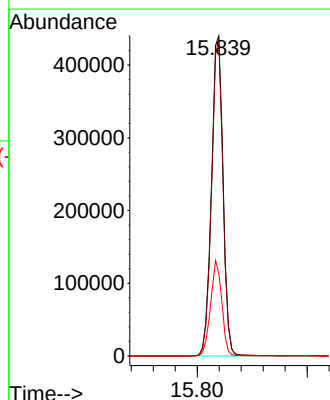
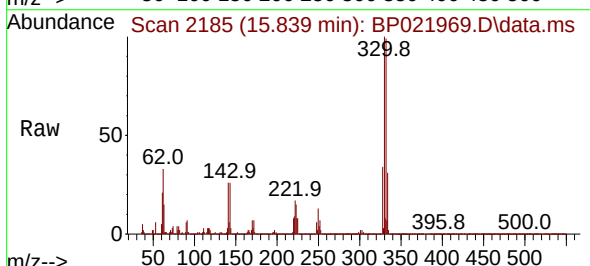
Tgt Ion:330 Resp: 645535

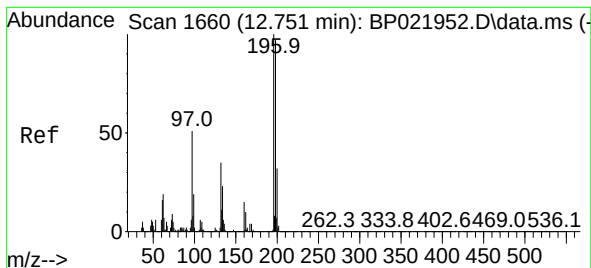
Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 28.8 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 7.793 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

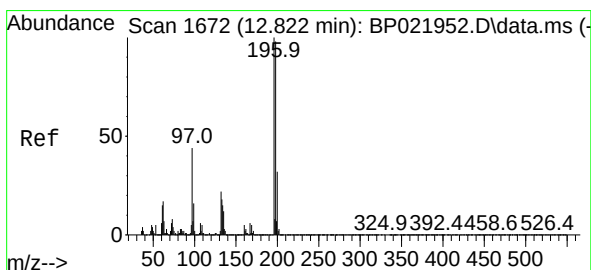
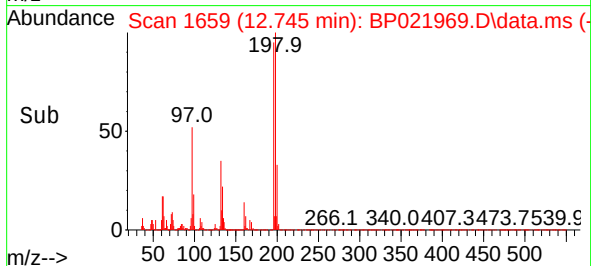
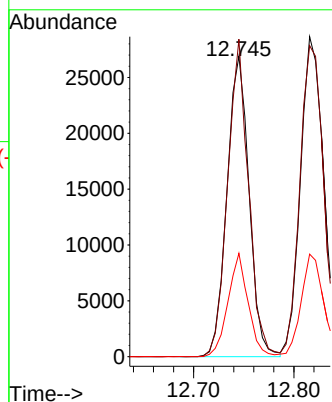
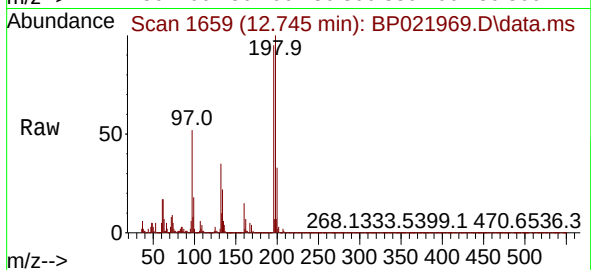
Tgt Ion:196 Resp: 41217

Ion Ratio Lower Upper

196 100

198 105.6 77.6 116.4

200 34.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 7.818 ng

RT: 12.816 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Tgt Ion:196 Resp: 46382

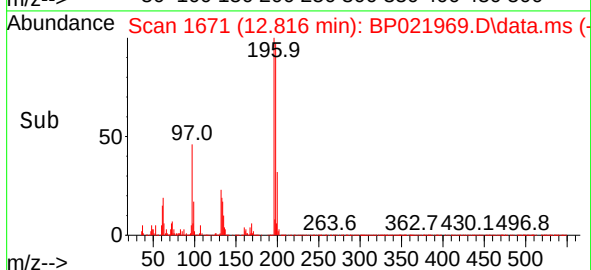
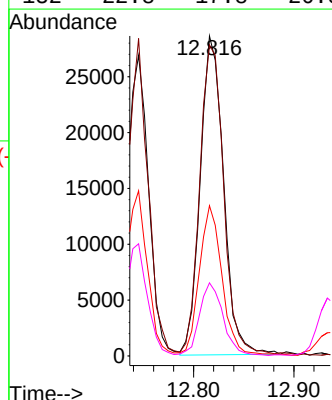
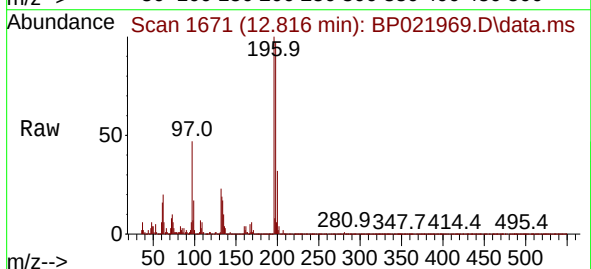
Ion Ratio Lower Upper

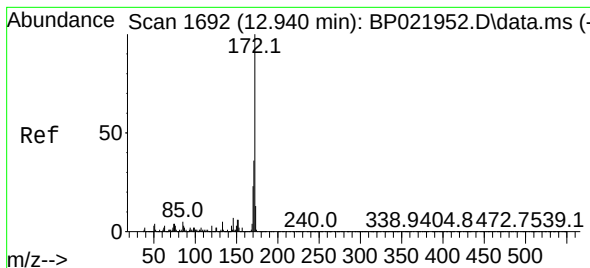
196 100

198 97.2 78.2 117.4

97 47.0 35.0 52.4

132 22.8 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 93.483 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

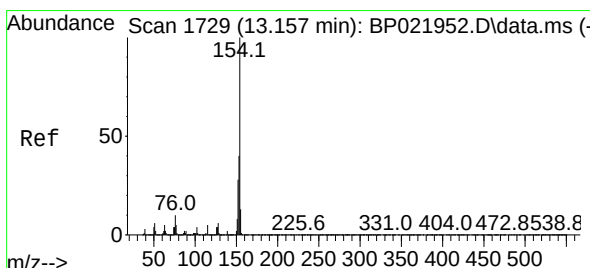
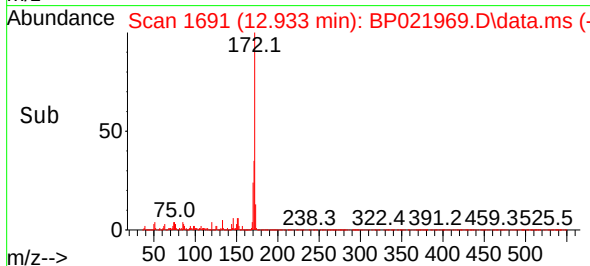
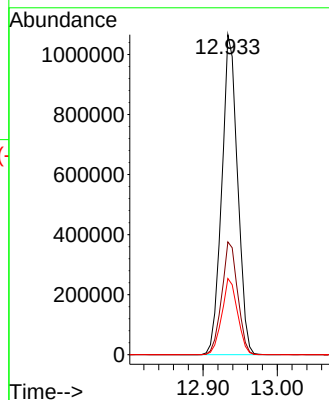
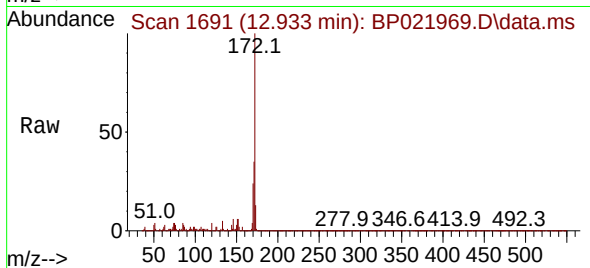
Tgt Ion:172 Resp: 1577244

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 8.850 ng

RT: 13.145 min Scan# 1727

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

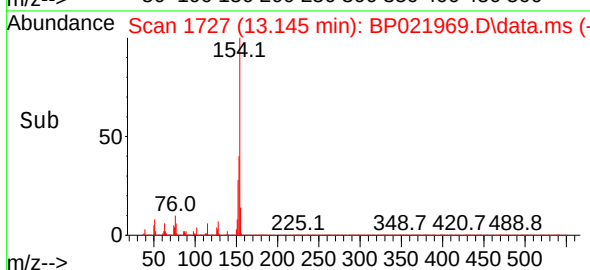
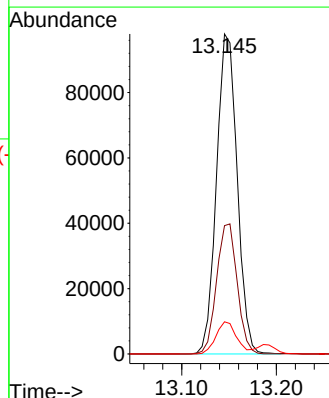
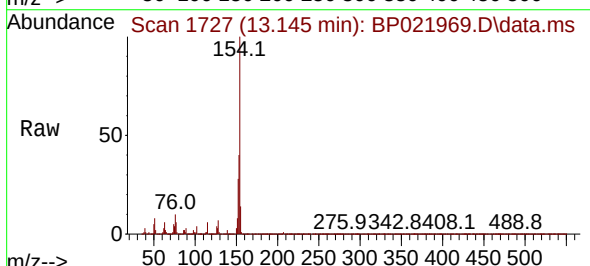
Tgt Ion:154 Resp: 148613

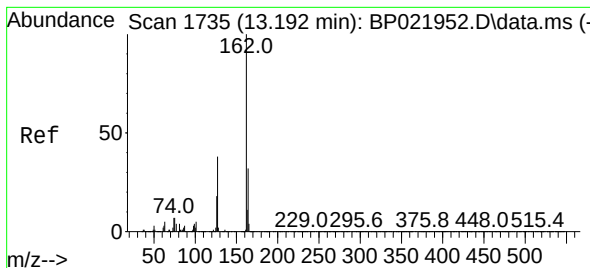
Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

76 10.1 0.0 29.9





#47

2-Chloronaphthalene

Concen: 8.628 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

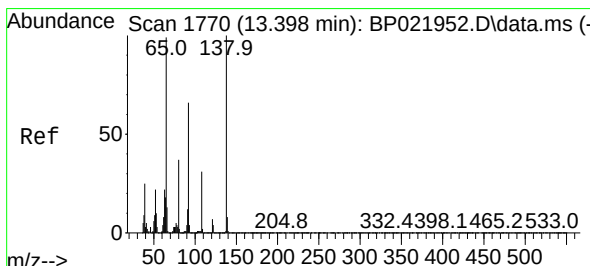
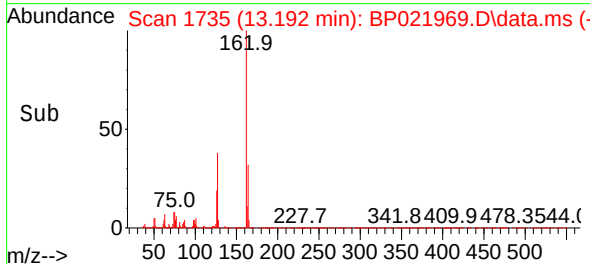
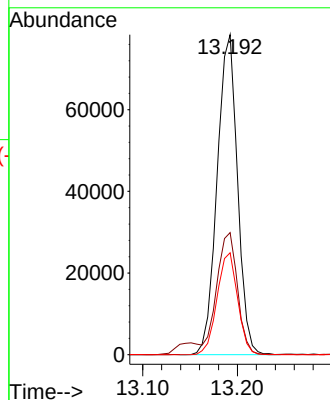
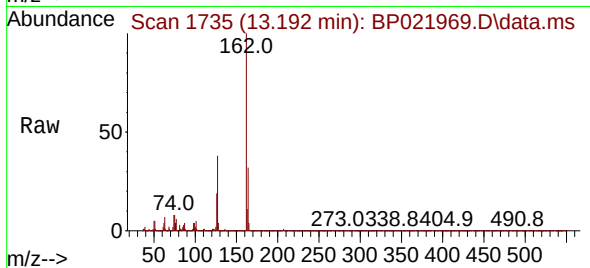
Tgt Ion:162 Resp: 117150

Ion Ratio Lower Upper

162 100

127 38.1 31.7 47.5

164 31.9 25.9 38.9



#48

2-Nitroaniline

Concen: 7.644 ng

RT: 13.392 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

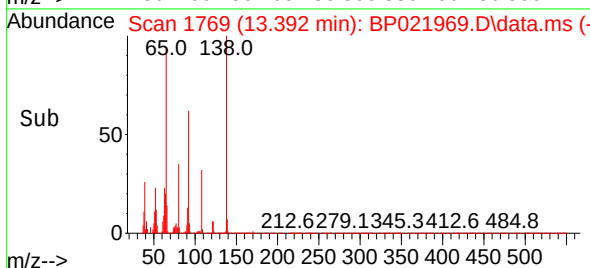
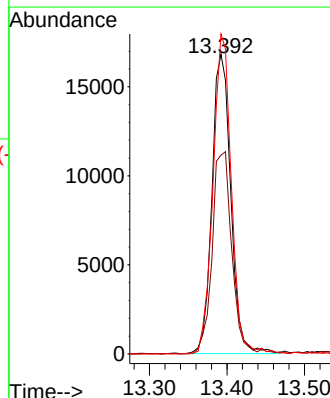
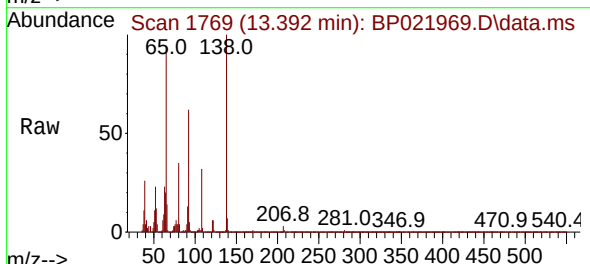
Tgt Ion: 65 Resp: 28343

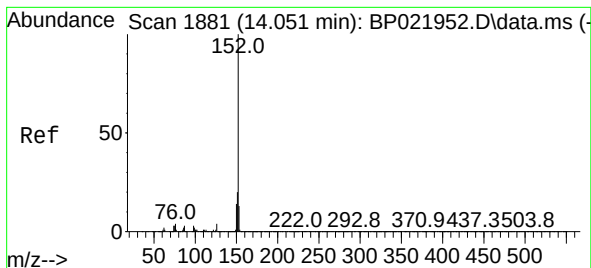
Ion Ratio Lower Upper

65 100

92 66.4 53.2 79.8

138 106.8 81.1 121.7





#49

Acenaphthylene

Concen: 9.201 ng

RT: 14.045 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

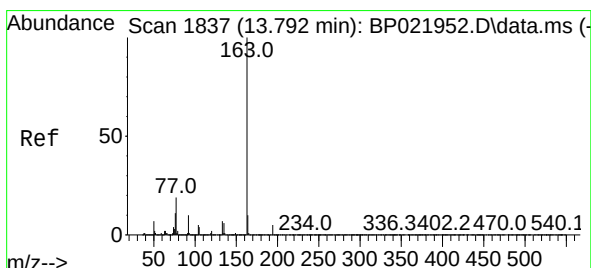
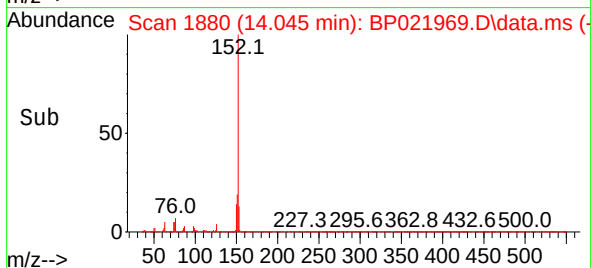
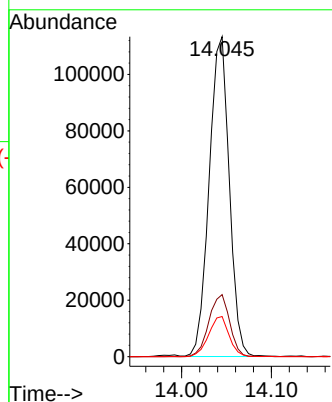
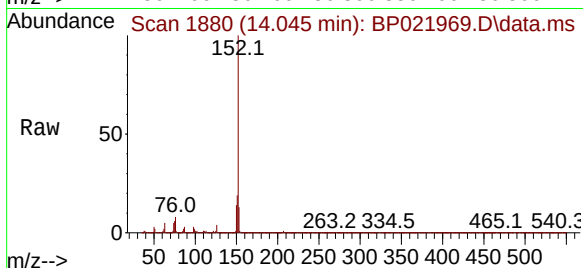
Tgt Ion:152 Resp: 176292

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 12.6 10.8 16.2



#50

Dimethylphthalate

Concen: 8.709 ng

RT: 13.774 min Scan# 1834

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

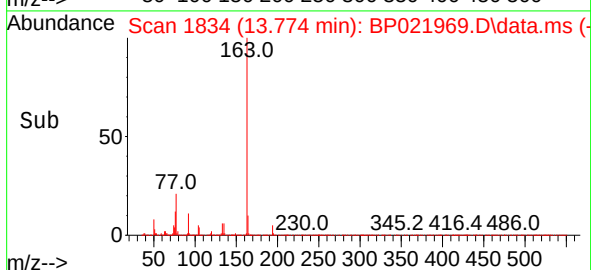
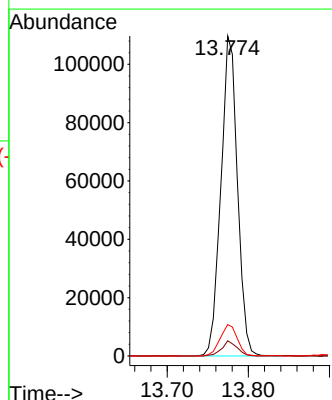
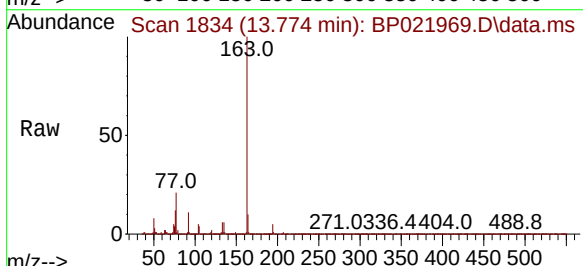
Tgt Ion:163 Resp: 155574

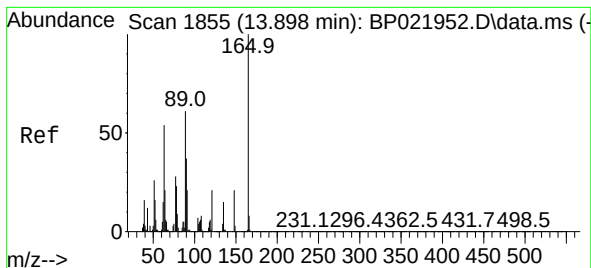
Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 9.8 8.0 12.0

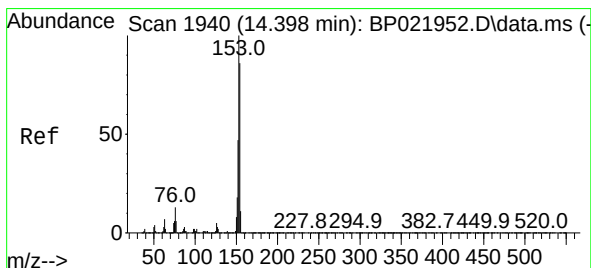
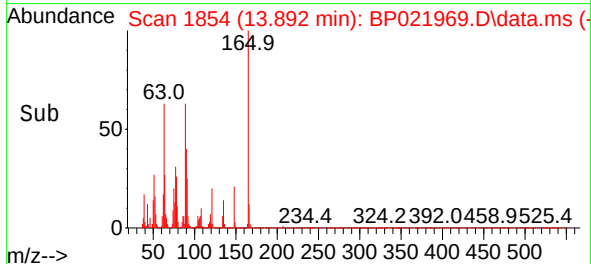
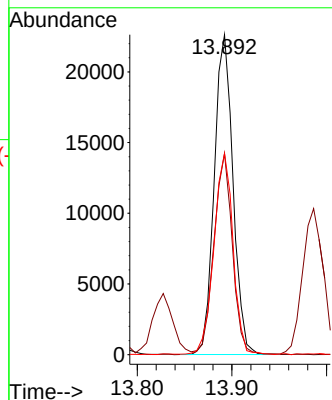
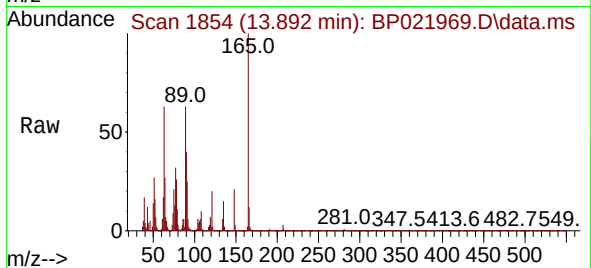




#51
2,6-Dinitrotoluene
Concen: 7.803 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

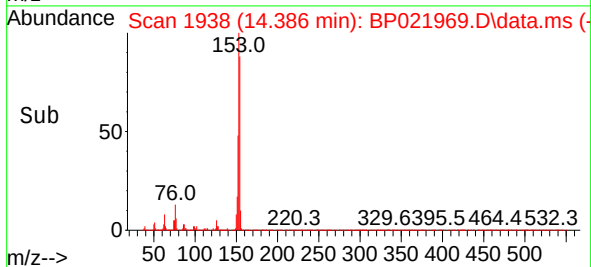
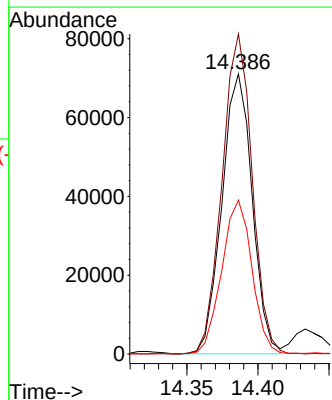
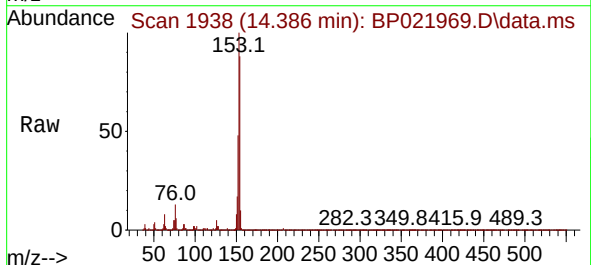
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

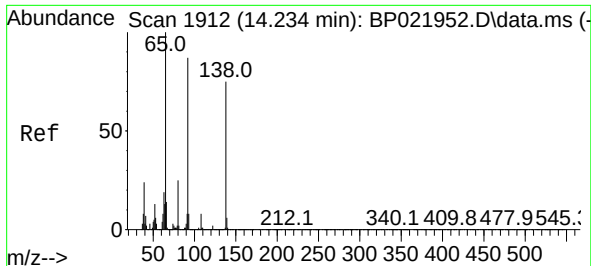
Tgt Ion:165 Resp: 31060
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 62.9 48.5 72.7



#52
Acenaphthene
Concen: 8.433 ng
RT: 14.386 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:154 Resp: 105158
Ion Ratio Lower Upper
154 100
153 114.3 92.7 139.1
152 54.9 43.6 65.4

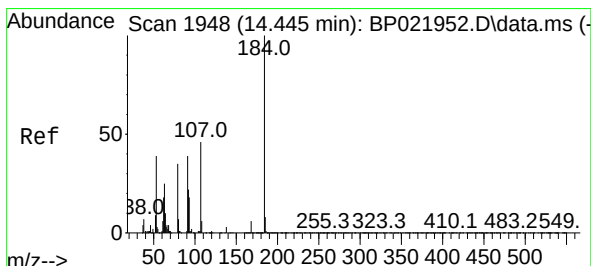
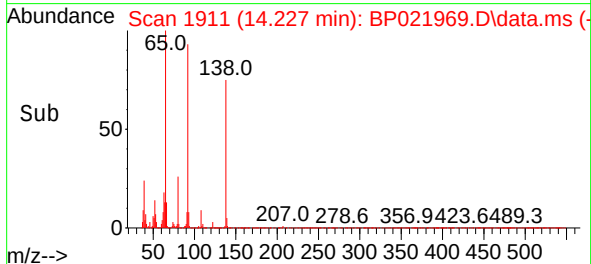
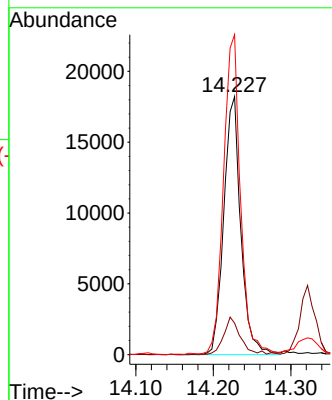
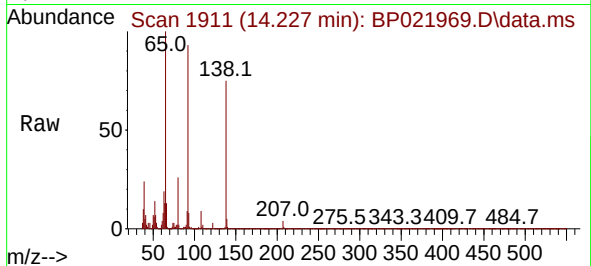




#53
3-Nitroaniline
Concen: 7.830 ng
RT: 14.227 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

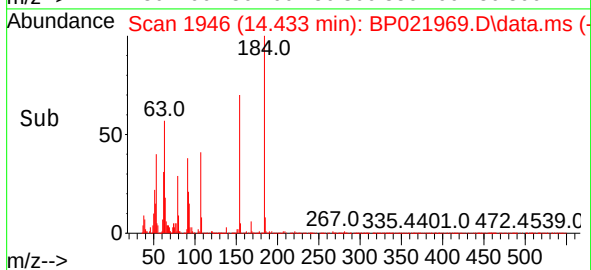
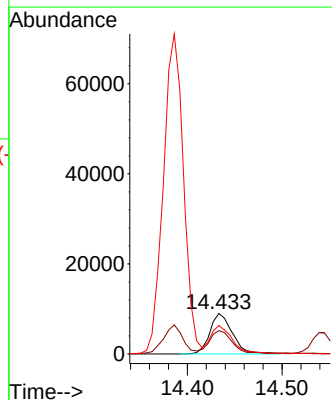
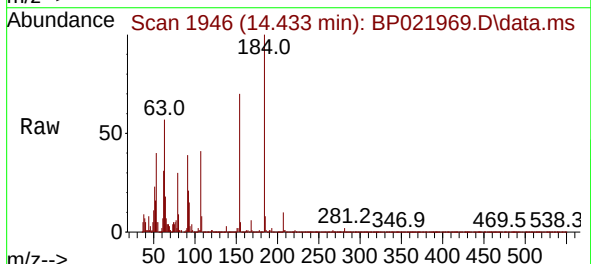
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

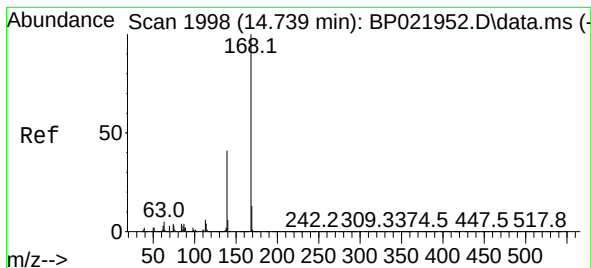
Tgt Ion:138 Resp: 27776
Ion Ratio Lower Upper
138 100
108 12.2 9.0 13.4
92 124.0 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 6.385 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:184 Resp: 14891
Ion Ratio Lower Upper
184 100
63 57.5 49.0 73.6
154 70.2 58.1 87.1





#55

Dibenzenofuran

Concen: 8.908 ng

RT: 14.722 min Scan# 1995

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

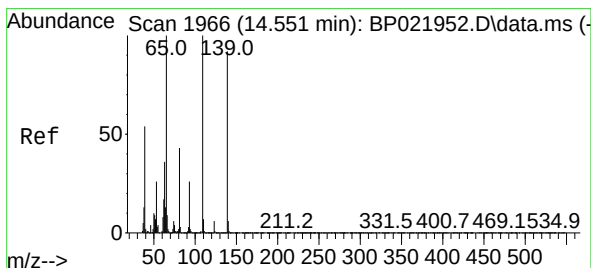
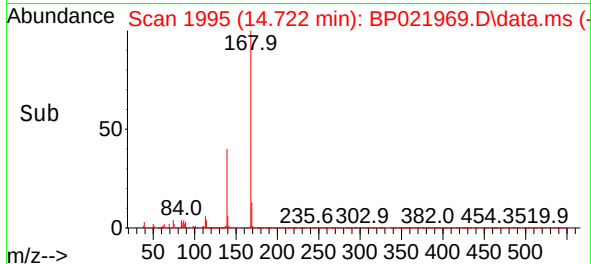
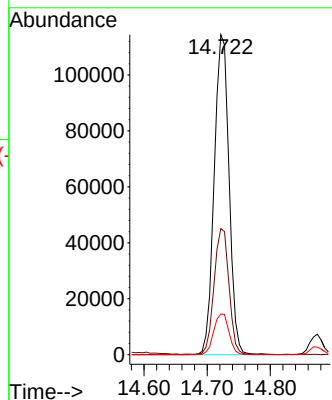
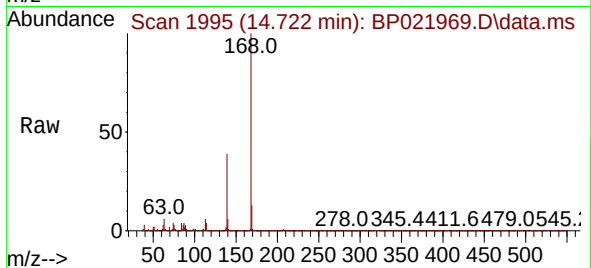
Tgt Ion:168 Resp: 186710

Ion Ratio Lower Upper

168 100

139 39.4 33.0 49.4

169 12.7 10.7 16.1



#56

4-Nitrophenol

Concen: 6.998 ng

RT: 14.539 min Scan# 1964

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

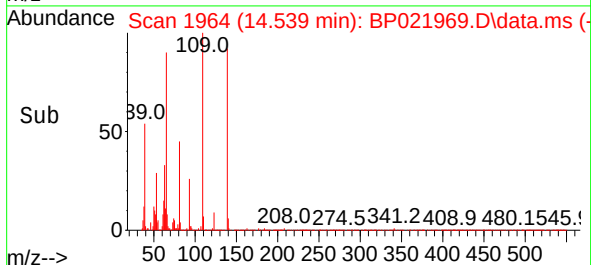
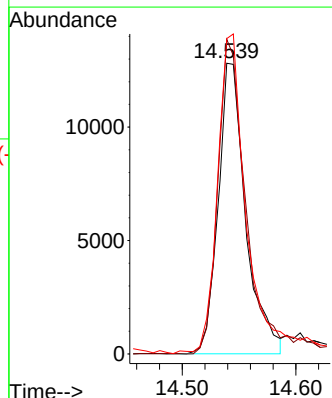
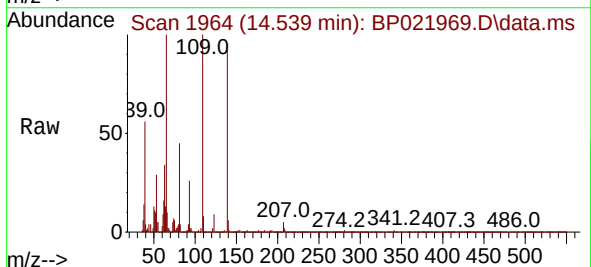
Tgt Ion:139 Resp: 21607

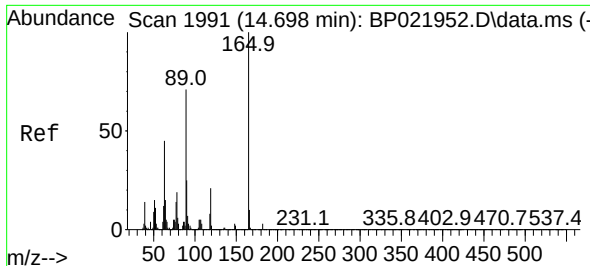
Ion Ratio Lower Upper

139 100

109 108.2 88.6 128.6

65 108.4 88.7 128.7

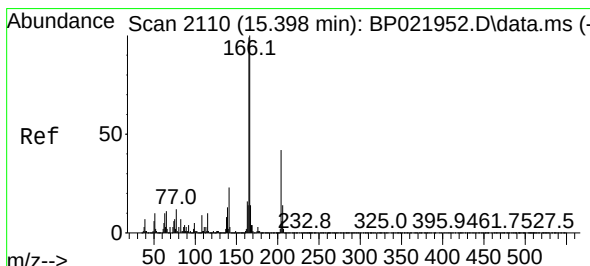
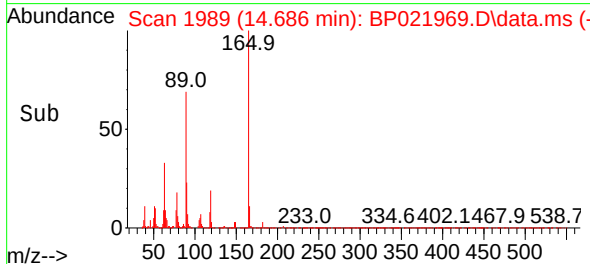
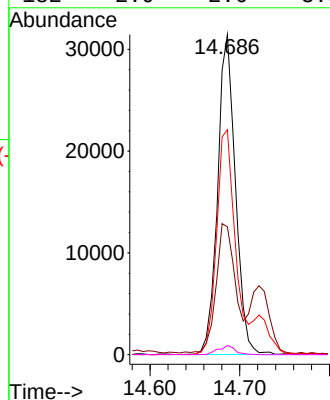
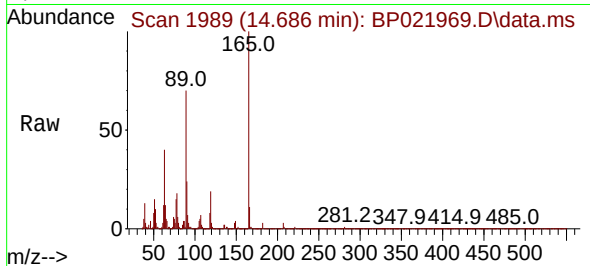




#57
2,4-Dinitrotoluene
Concen: 7.684 ng
RT: 14.686 min Scan# 1989
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

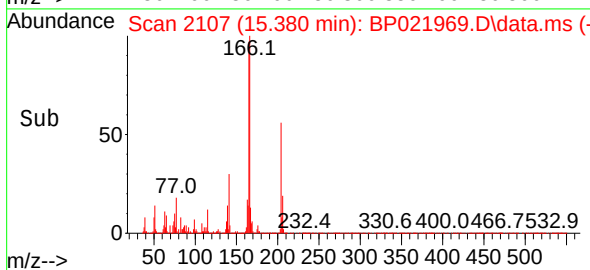
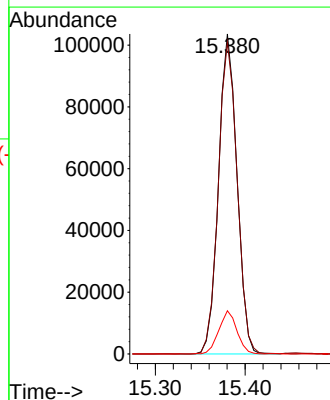
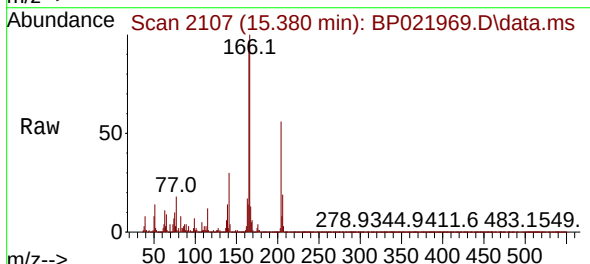
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

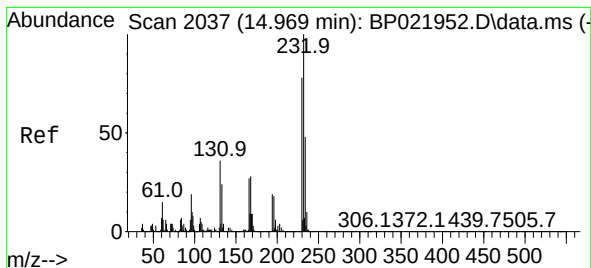
Tgt Ion:	165	Resp:	43236
Ion	Ratio	Lower	Upper
165	100		
63	39.9	36.3	54.5
89	70.3	57.2	85.8
182	2.9	2.6	3.8



#58
Fluorene
Concen: 8.451 ng
RT: 15.380 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:	166	Resp:	147932
Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.4	119.2
167	13.5	10.9	16.3

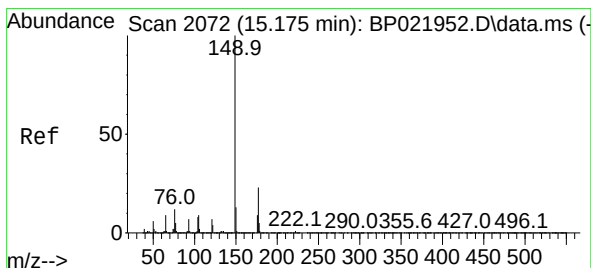
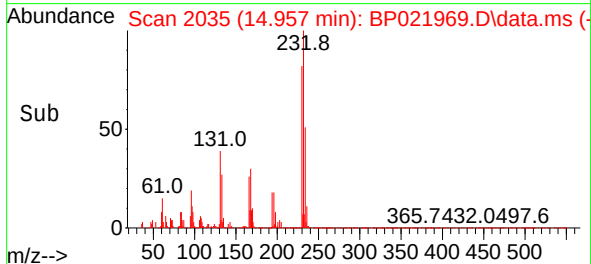
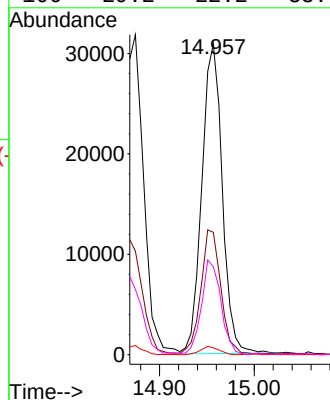
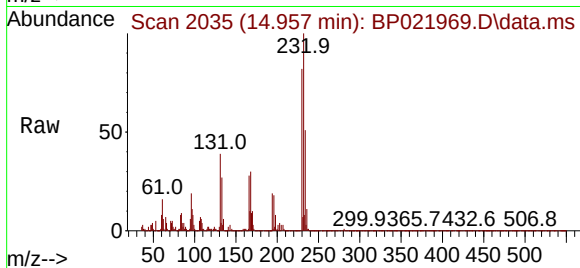




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.094 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

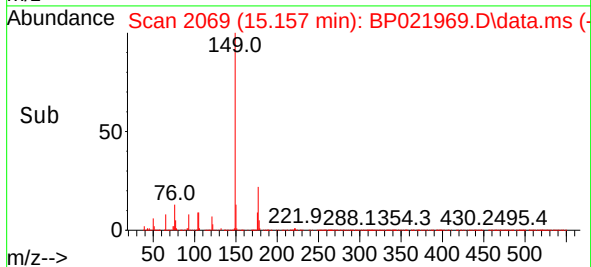
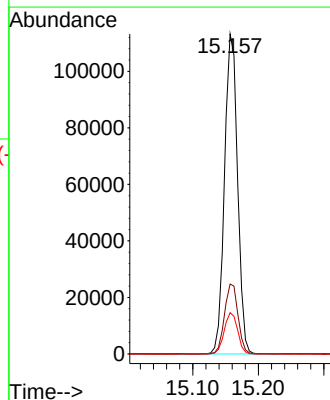
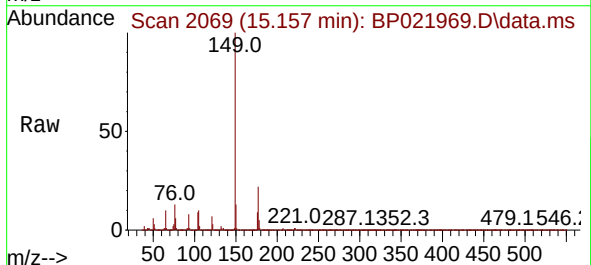
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

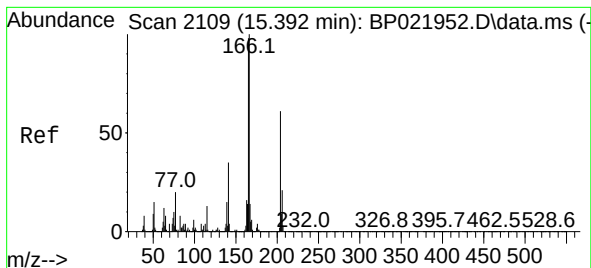
Tgt Ion:	232	Resp:	46346
Ion Ratio	Lower	Upper	
232	100		
131	39.0	30.2	45.4
130	2.4	1.9	2.9
166	29.2	22.2	33.4



#60
Diethylphthalate
Concen: 8.574 ng
RT: 15.157 min Scan# 2069
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:	149	Resp:	155631
Ion Ratio	Lower	Upper	
149	100		
177	21.9	18.2	27.4
150	12.9	10.1	15.1

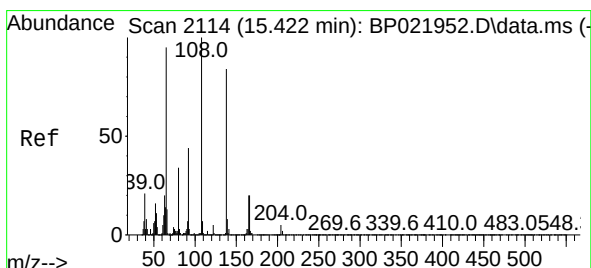
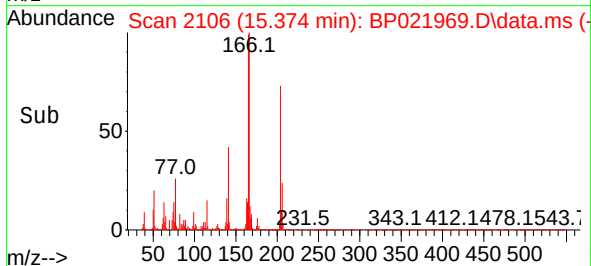
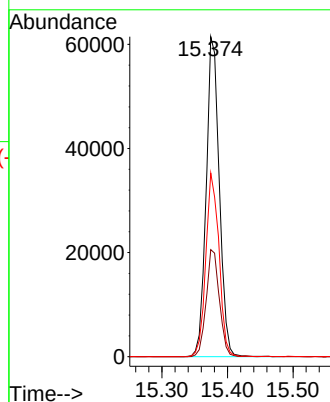
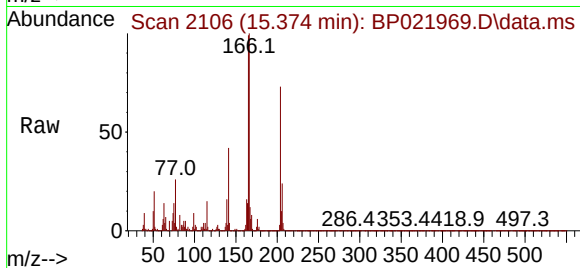




#61
4-Chlorophenyl-phenylether
Concen: 8.418 ng
RT: 15.374 min Scan# 2110
Delta R.T. -0.018 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

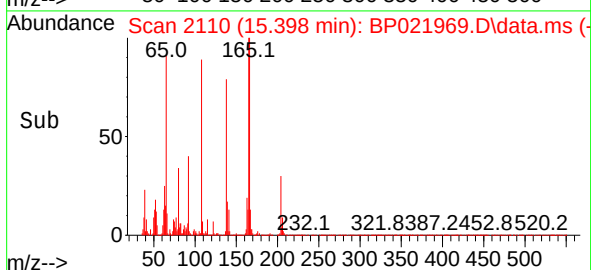
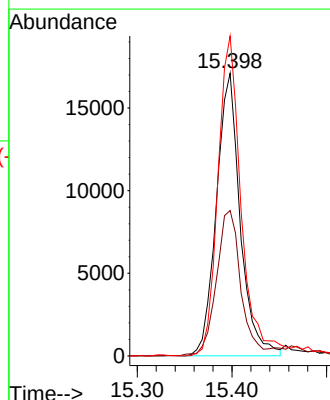
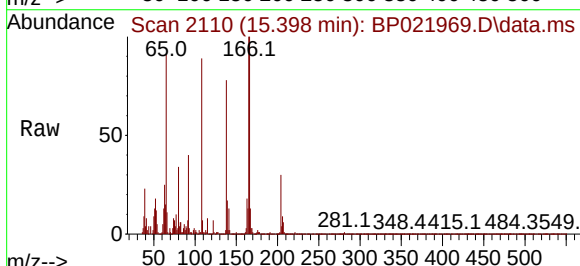
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

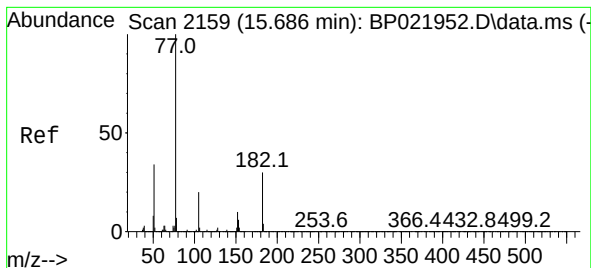
Tgt Ion:204 Resp: 85784
Ion Ratio Lower Upper
204 100
206 33.4 27.3 40.9
141 57.4 45.7 68.5



#62
4-Nitroaniline
Concen: 7.647 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.024 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:138 Resp: 29831
Ion Ratio Lower Upper
138 100
92 51.4 32.6 72.6
108 113.2 98.6 138.6





#63

Azobenzene

Concen: 8.774 ng

RT: 15.674 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 77 Resp: 131800

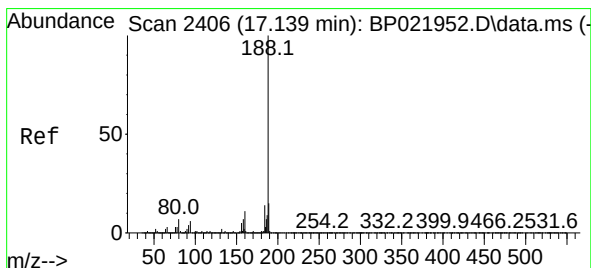
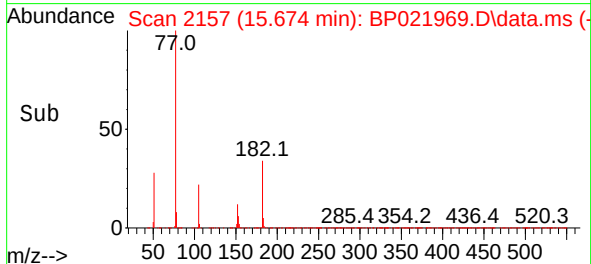
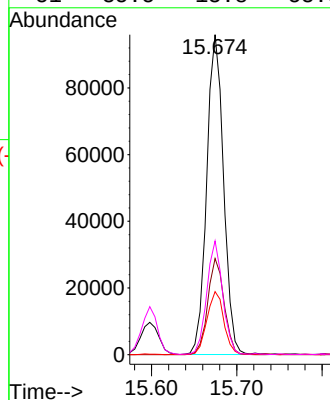
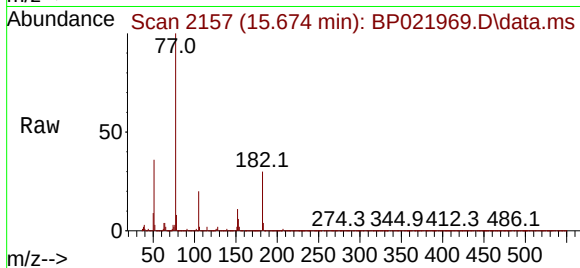
Ion Ratio Lower Upper

77 100

182 30.0 9.6 49.6

105 19.7 0.0 39.8

51 35.5 13.8 53.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.115 min Scan# 2402

Delta R.T. -0.024 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

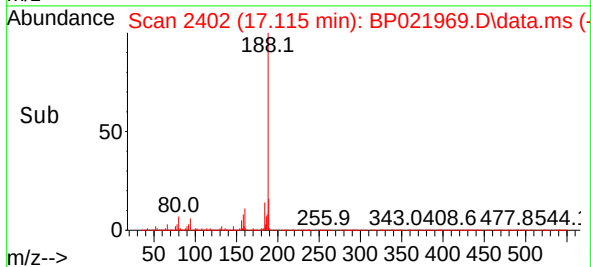
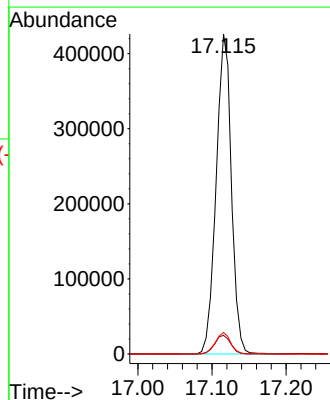
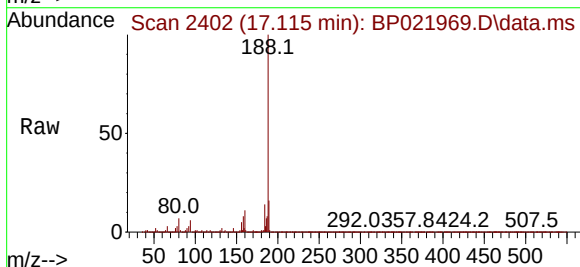
Tgt Ion: 188 Resp: 606469

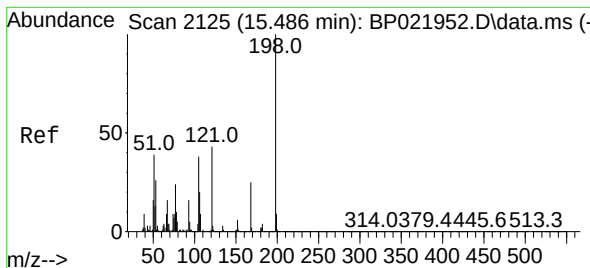
Ion Ratio Lower Upper

188 100

94 5.8 4.6 6.8

80 6.7 5.4 8.2

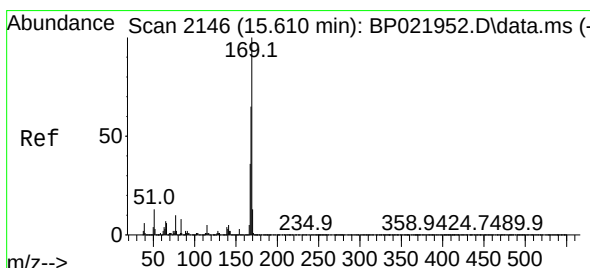
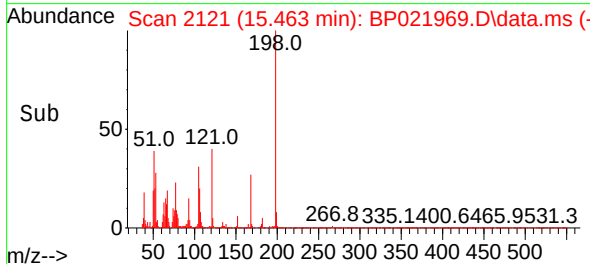
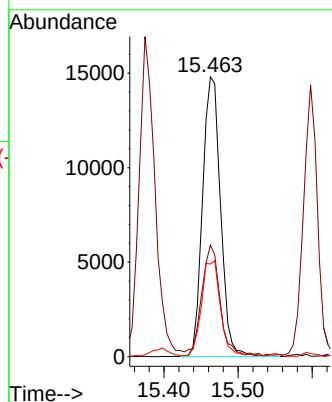
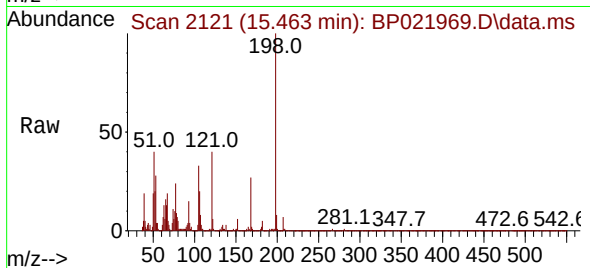




#65
4,6-Dinitro-2-methylphenol
Concen: 7.078 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.024 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

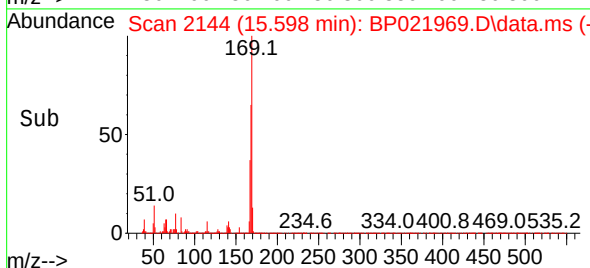
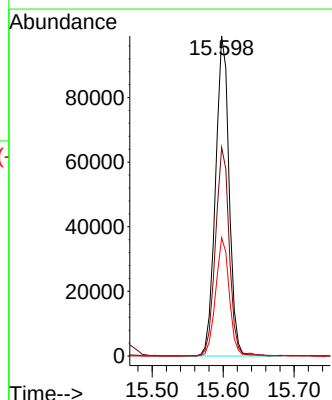
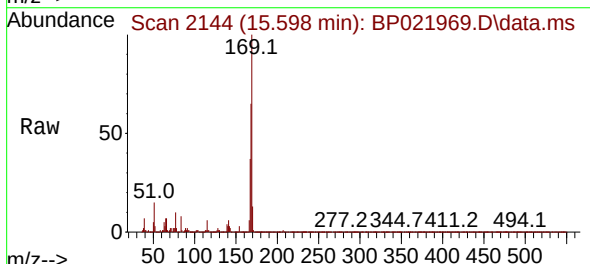
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

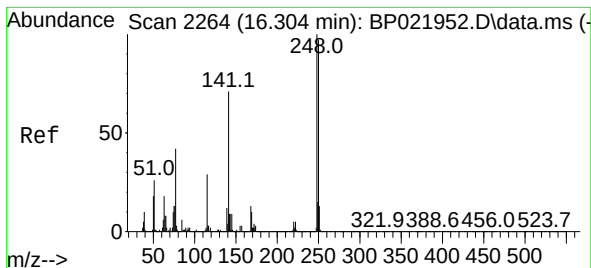
Tgt Ion:198 Resp: 24881
Ion Ratio Lower Upper
198 100
51 39.9 20.7 60.7
105 33.1 18.4 58.4



#66
n-Nitrosodiphenylamine
Concen: 8.707 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:169 Resp: 131486
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.4
167 36.9 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 8.260 ng

RT: 16.292 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

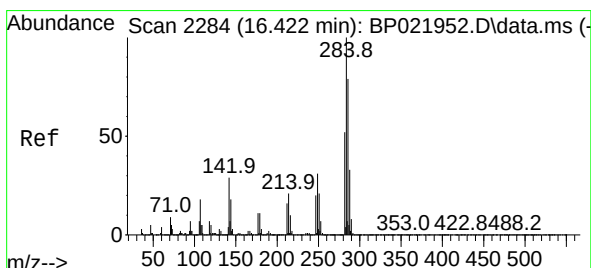
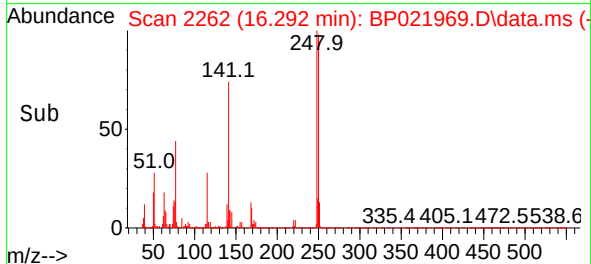
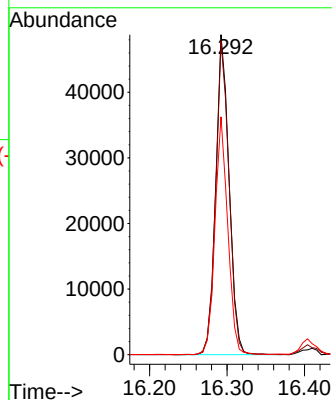
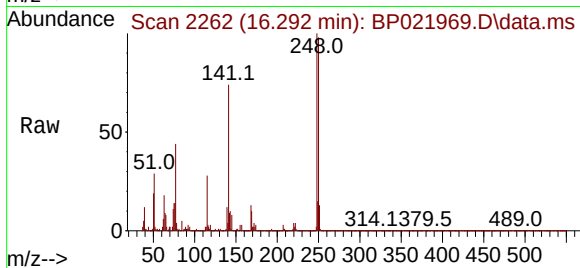
Tgt Ion:248 Resp: 58396

Ion Ratio Lower Upper

248 100

250 98.0 77.5 116.3

141 74.3 56.5 84.7



#68

Hexachlorobenzene

Concen: 8.277 ng

RT: 16.404 min Scan# 2281

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

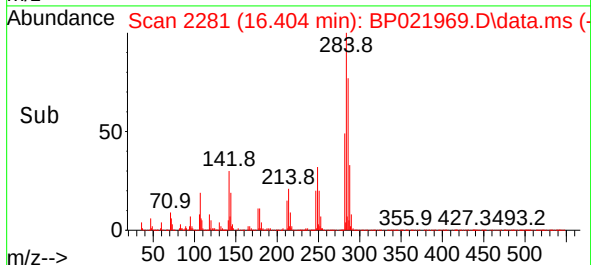
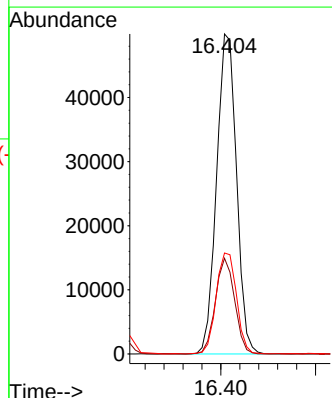
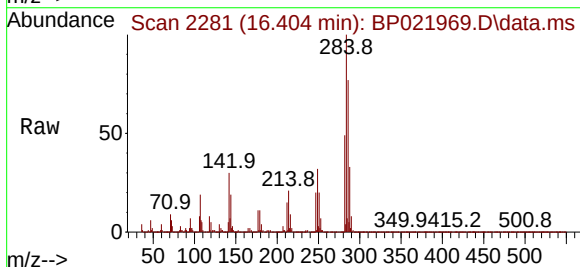
Tgt Ion:284 Resp: 72959

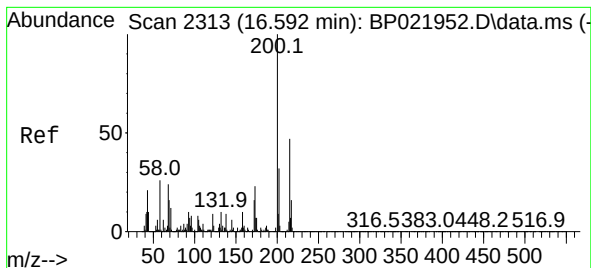
Ion Ratio Lower Upper

284 100

142 29.9 22.9 34.3

249 31.6 25.2 37.8





#69

Atrazine

Concen: 10.212 ng

RT: 16.574 min Scan# 2310

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

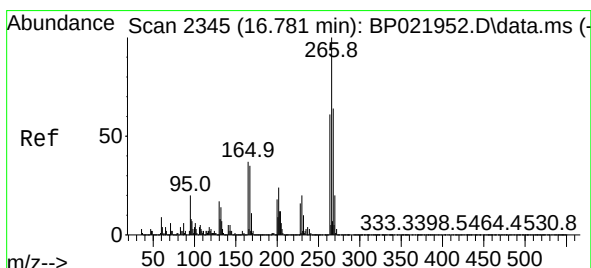
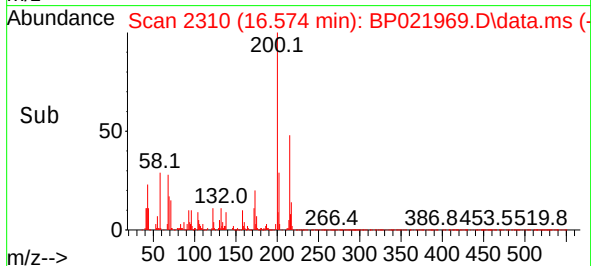
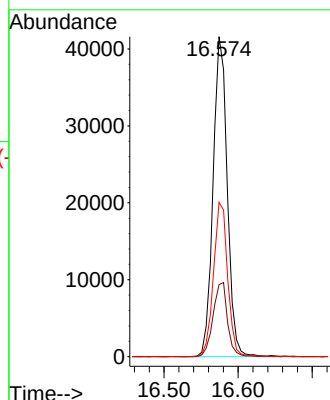
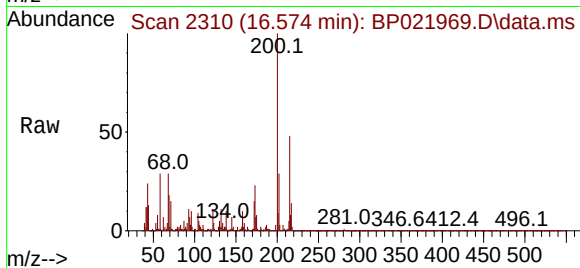
Tgt Ion:200 Resp: 55252

Ion Ratio Lower Upper

200 100

173 22.6 3.0 43.0

215 48.2 27.4 67.4



#70

Pentachlorophenol

Concen: 6.975 ng

RT: 16.757 min Scan# 2341

Delta R.T. -0.024 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

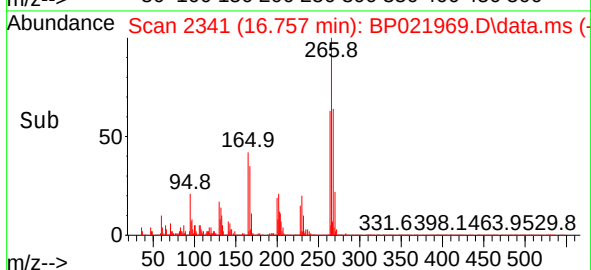
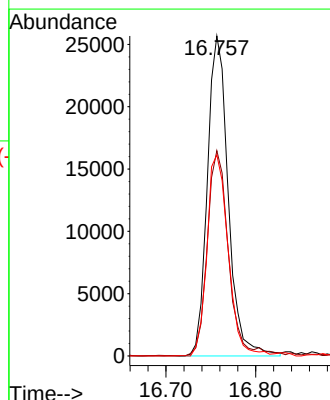
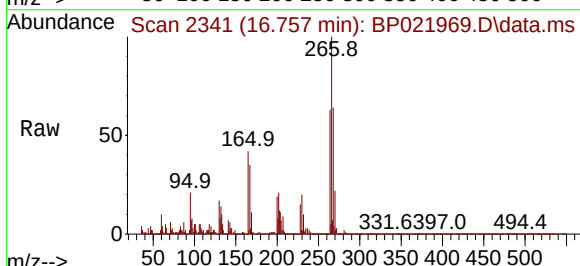
Tgt Ion:266 Resp: 41362

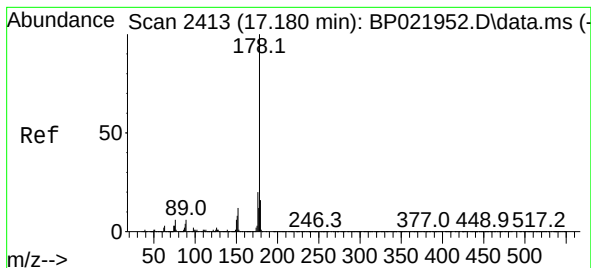
Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

264 62.9 48.6 72.8





#71

Phenanthrene

Concen: 8.738 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.024 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

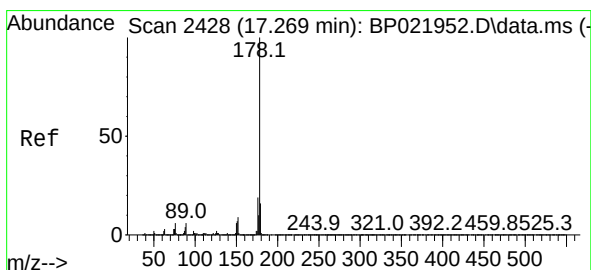
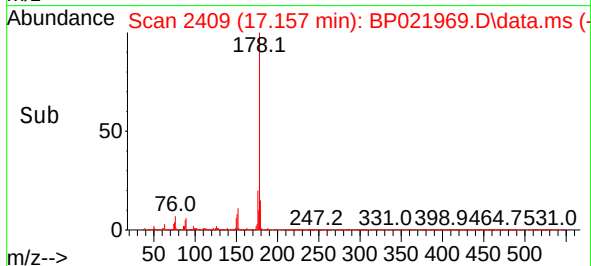
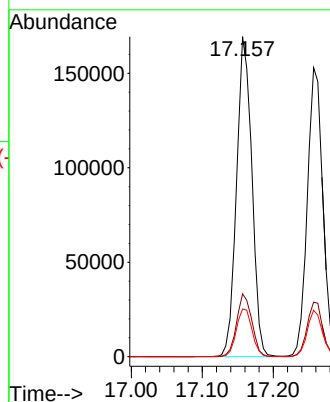
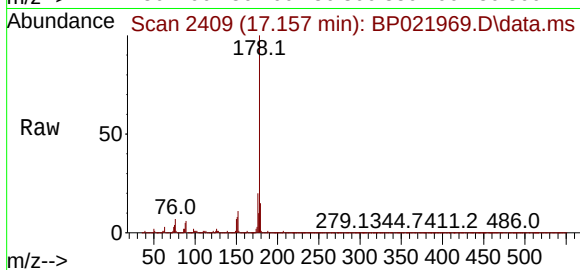
Tgt Ion:178 Resp: 254381

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 14.9 12.5 18.7



#72

Anthracene

Concen: 8.243 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

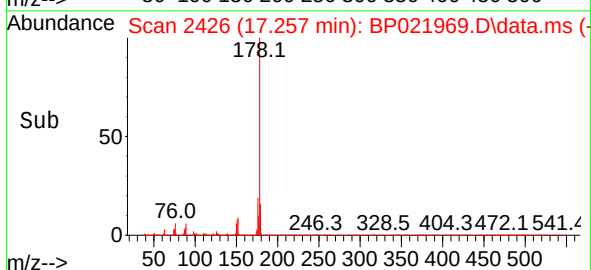
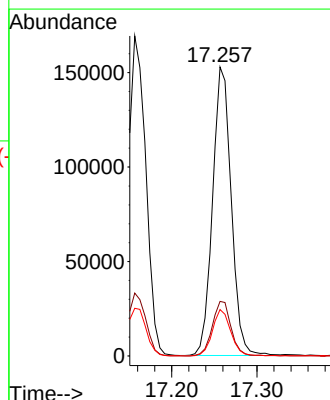
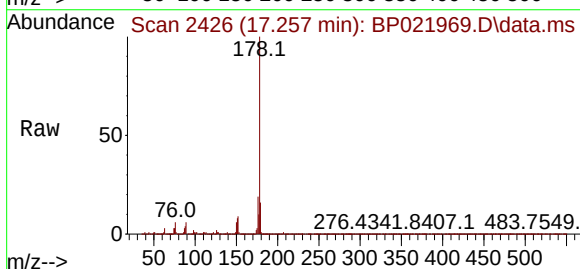
Tgt Ion:178 Resp: 232294

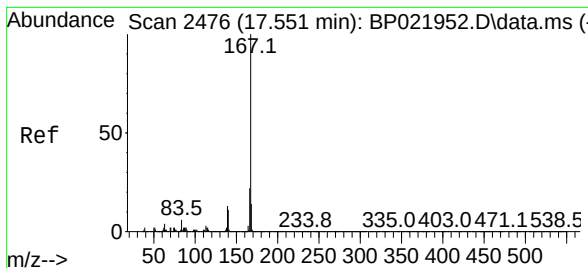
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 16.1 12.6 18.8





#73

Carbazole

Concen: 8.546 ng

RT: 17.533 min Scan# 2476

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

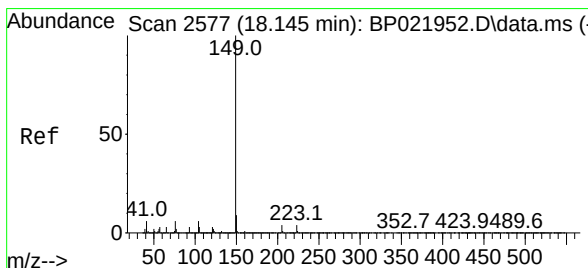
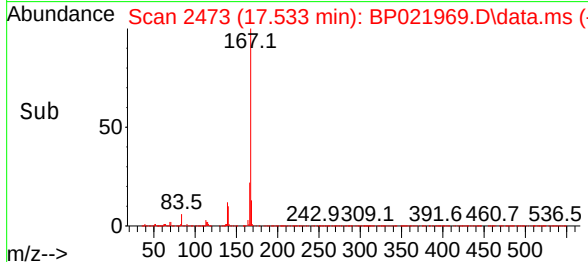
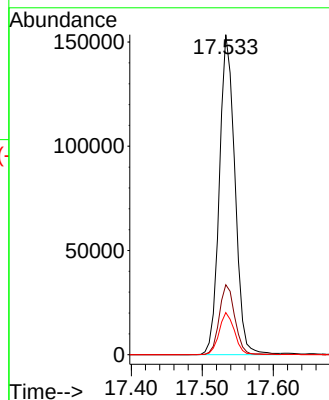
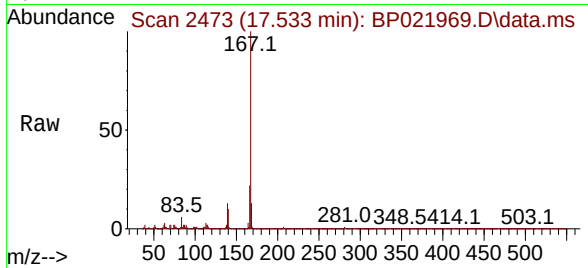
Tgt Ion:167 Resp: 232605

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 13.2 10.5 15.7



#74

Di-n-butylphthalate

Concen: 7.917 ng

RT: 18.127 min Scan# 2574

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

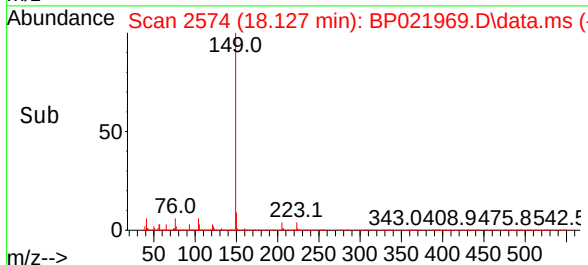
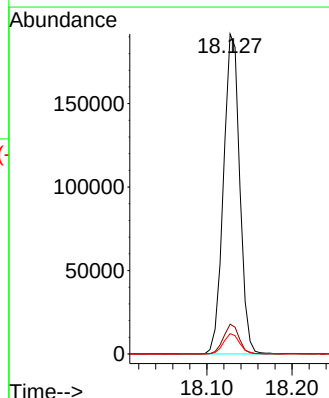
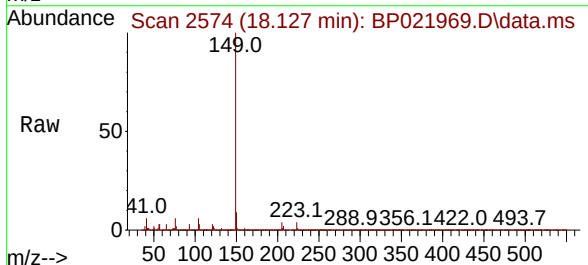
Tgt Ion:149 Resp: 253105

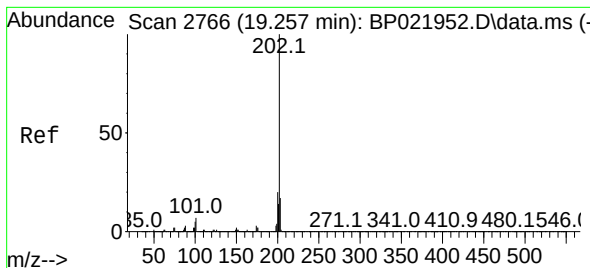
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 6.3 4.6 6.8

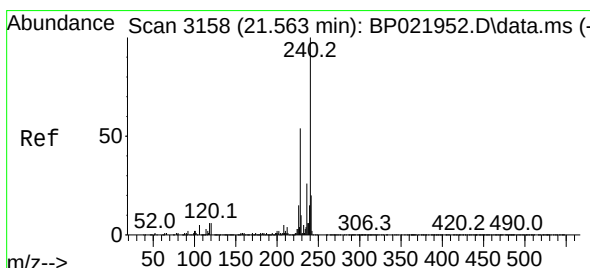
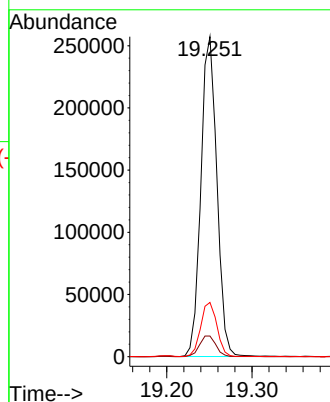
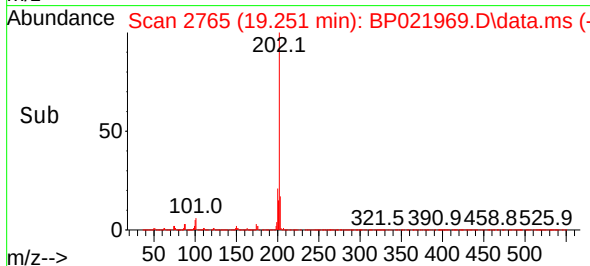
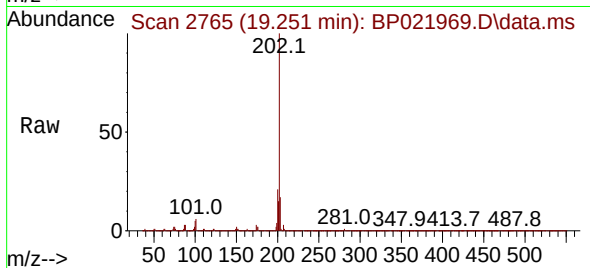




#75
Fluoranthene
Concen: 8.251 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

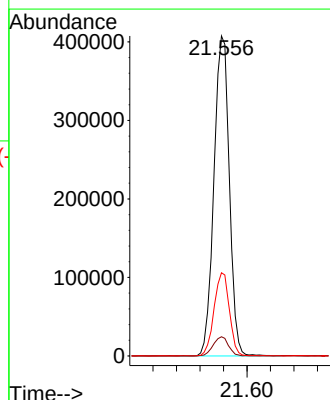
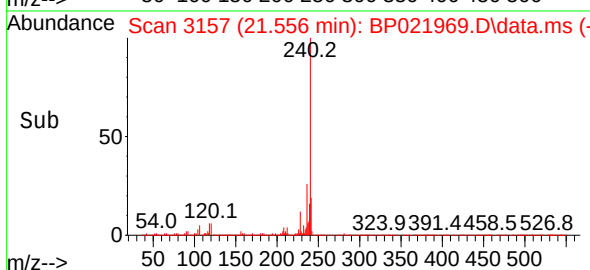
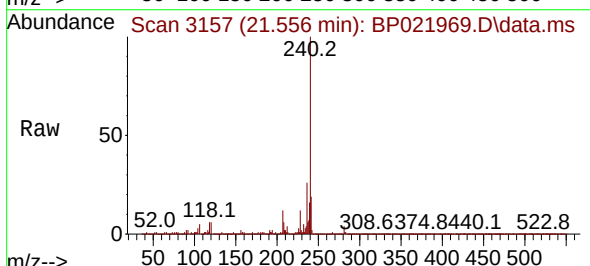
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

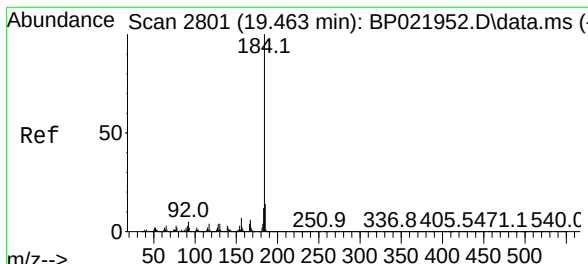
Tgt Ion:202 Resp: 335293
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.5
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:240 Resp: 740542
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.0 20.7 31.1



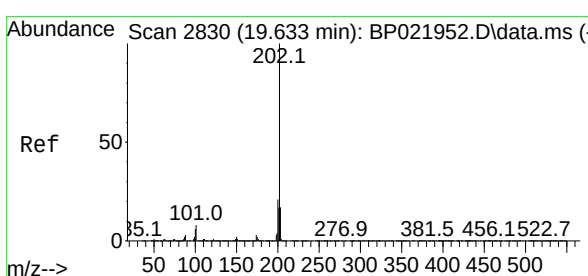
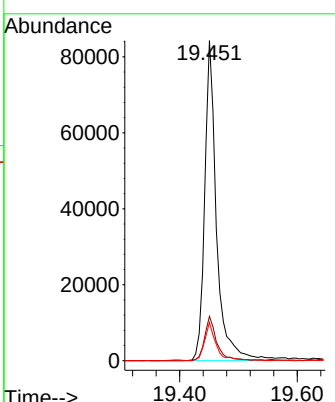
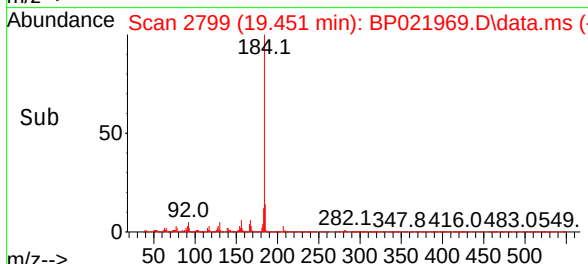
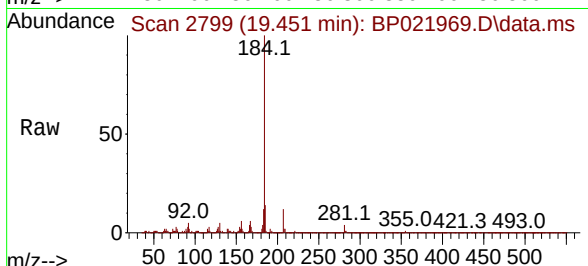


#77
Benzidine
Concen: 13.049 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:184 Resp: 118091

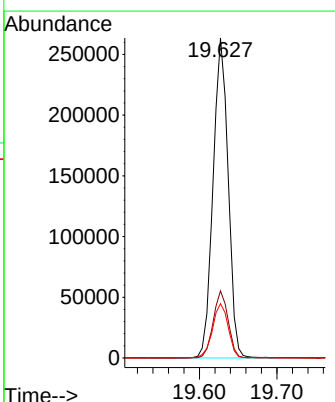
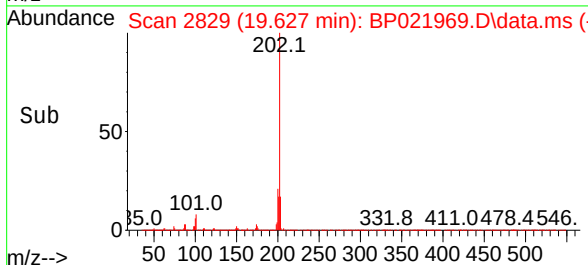
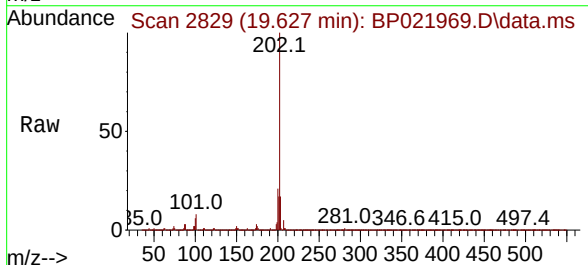
Ion	Ratio	Lower	Upper
184	100		
185	13.8	10.9	16.3
183	12.0	9.2	13.8

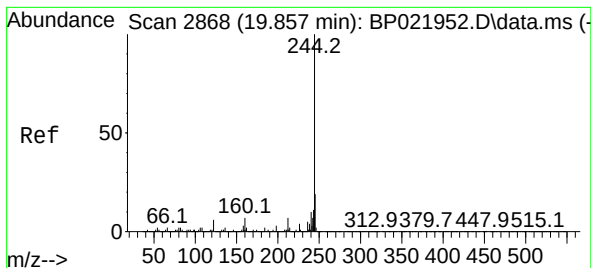


#78
Pyrene
Concen: 7.952 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP021969.D
Acq: 20 Sep 2024 16:09

Tgt Ion:202 Resp: 356250

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	16.9	13.8	20.8





#79

Terphenyl-d14

Concen: 83.577 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

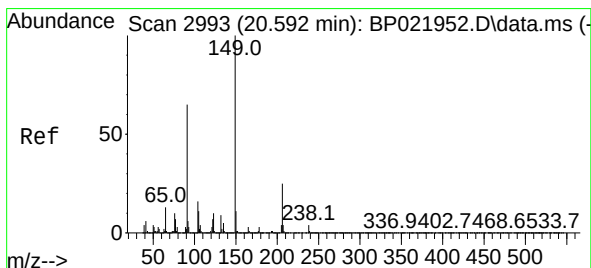
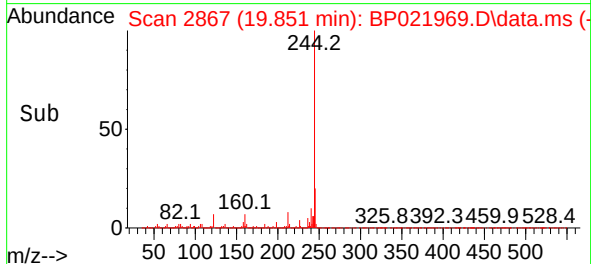
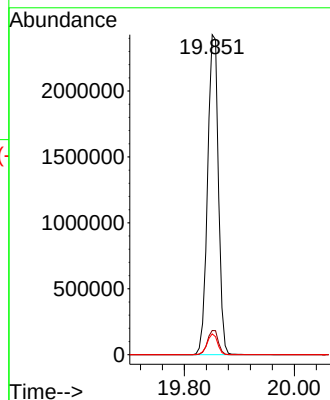
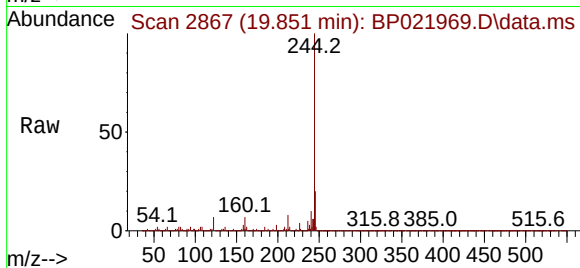
Tgt Ion:244 Resp: 3294805

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 6.5 5.0 7.4



#80

Butylbenzylphthalate

Concen: 7.490 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

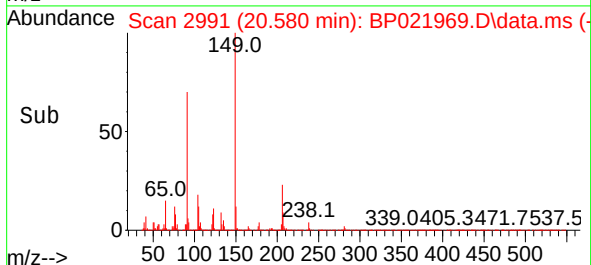
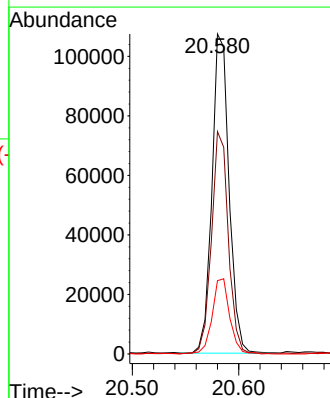
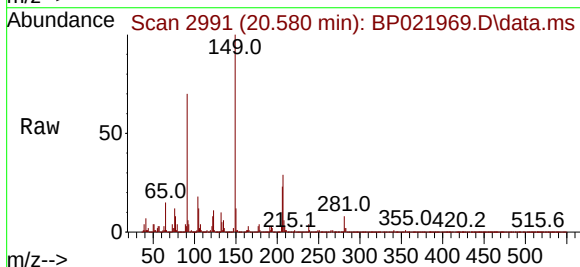
Tgt Ion:149 Resp: 119681

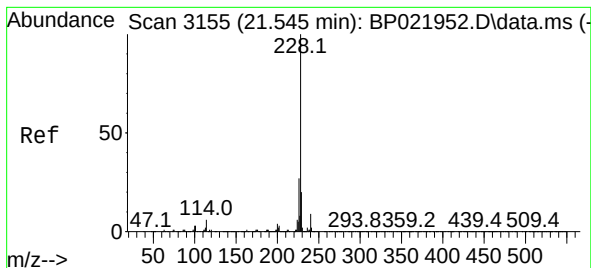
Ion Ratio Lower Upper

149 100

91 69.5 51.9 77.9

206 22.9 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.678 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

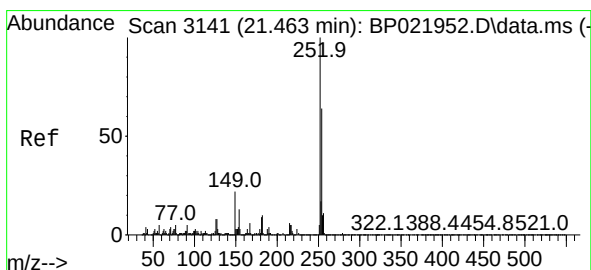
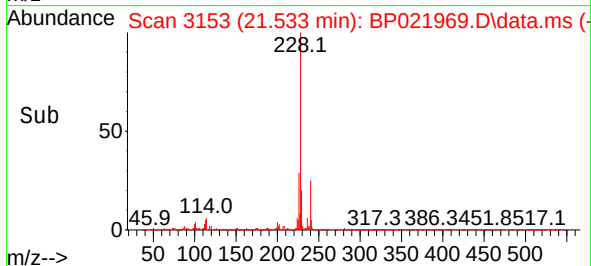
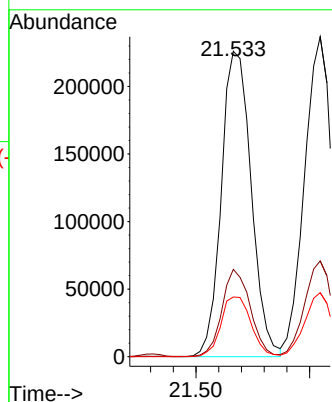
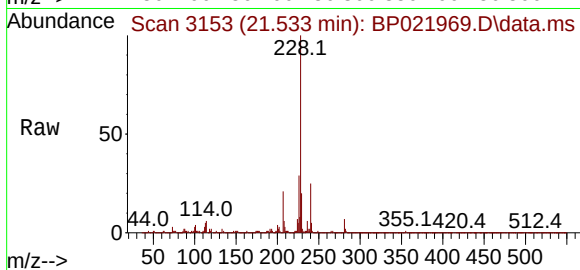
Tgt Ion:228 Resp: 412920

Ion Ratio Lower Upper

228 100

226 28.6 21.5 32.3

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 8.272 ng

RT: 21.462 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

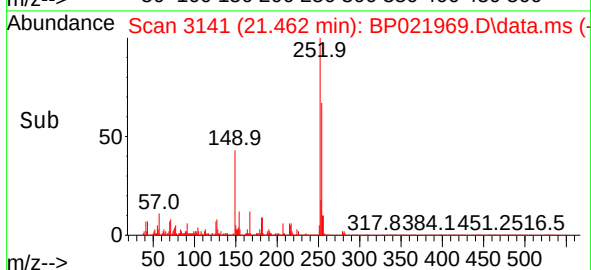
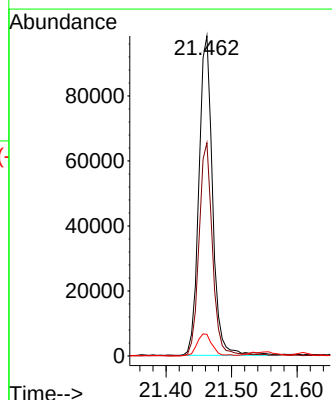
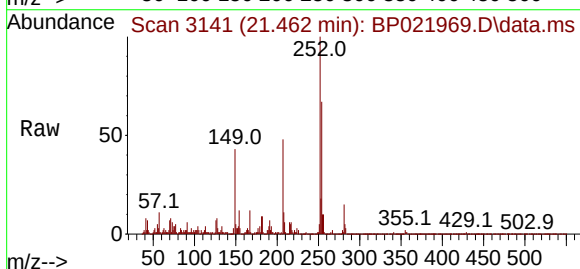
Tgt Ion:252 Resp: 142816

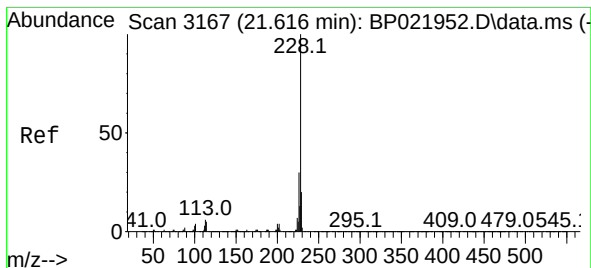
Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.2

126 6.8 6.2 9.4





#83

Chrysene

Concen: 8.826 ng

RT: 21.609 min Scan# 3166

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

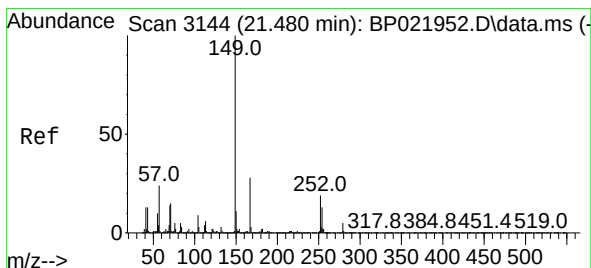
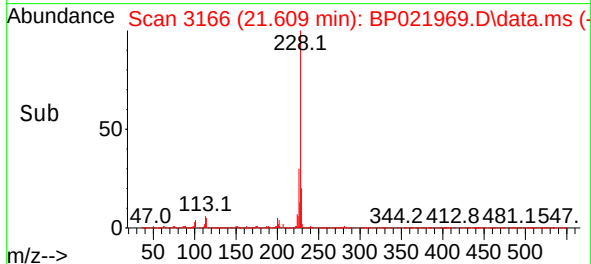
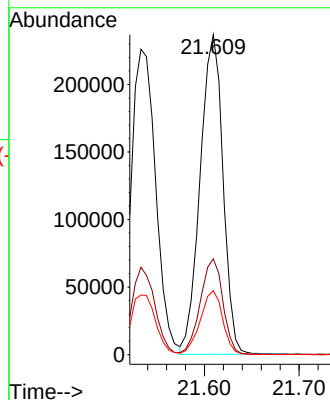
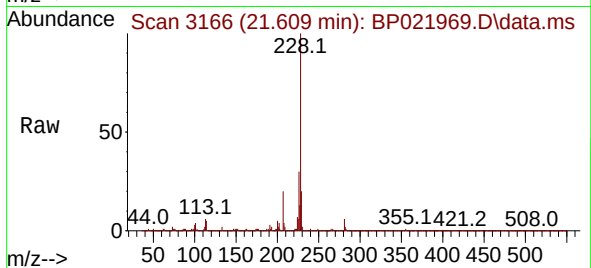
Tgt Ion:228 Resp: 395436

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.4

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.722 ng

RT: 21.474 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

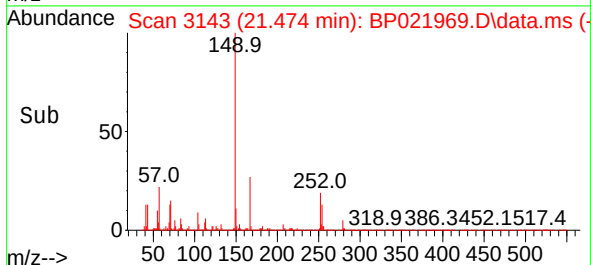
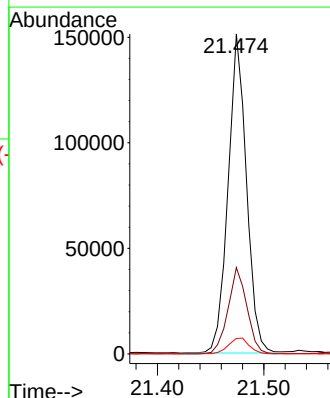
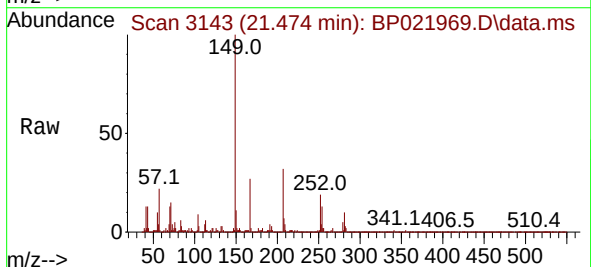
Tgt Ion:149 Resp: 181076

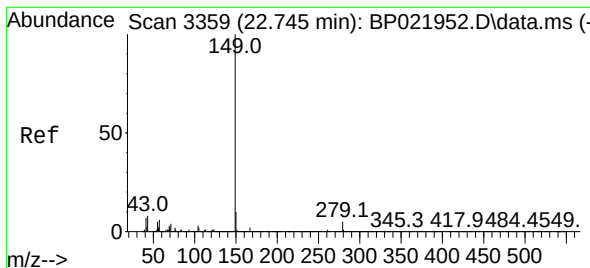
Ion Ratio Lower Upper

149 100

167 27.0 22.3 33.5

279 4.8 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 7.374 ng

RT: 22.739 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

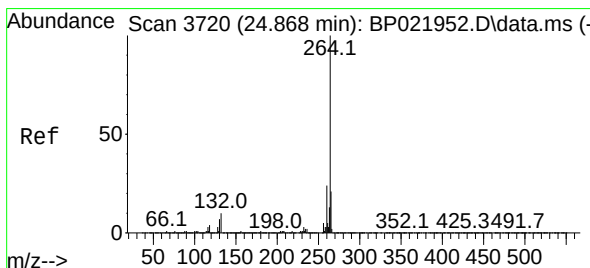
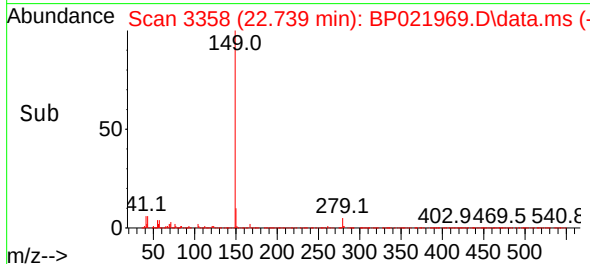
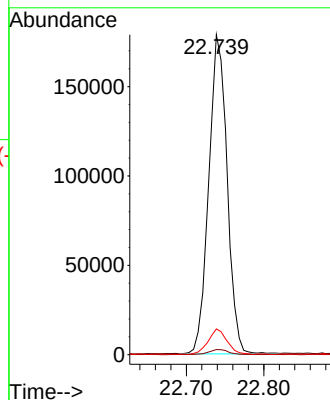
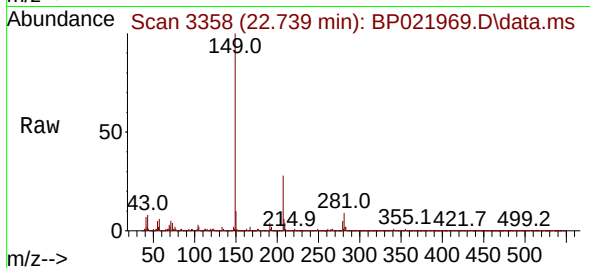
Tgt Ion:149 Resp: 293710

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.0 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.850 min Scan# 3717

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

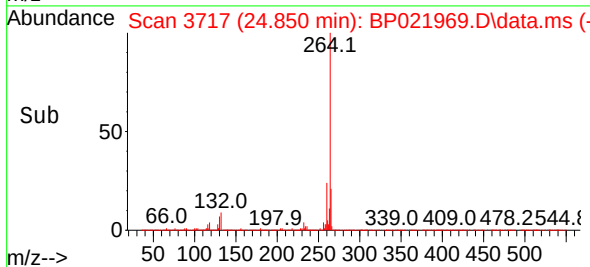
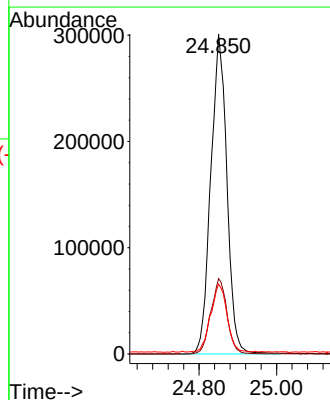
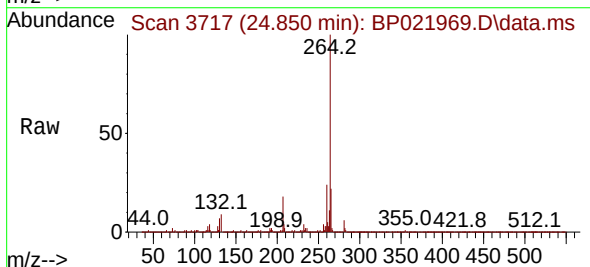
Tgt Ion:264 Resp: 868149

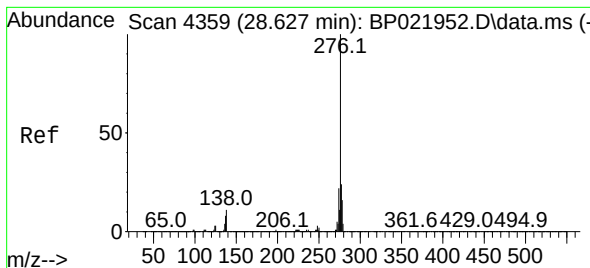
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.071 ng

RT: 28.591 min Scan# 41

Delta R.T. -0.036 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

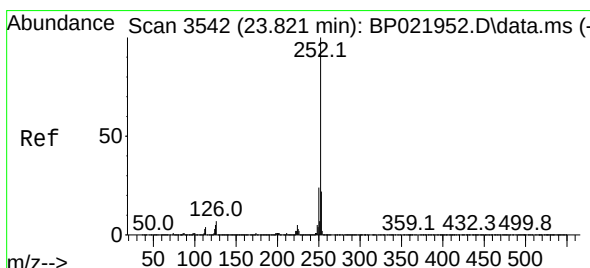
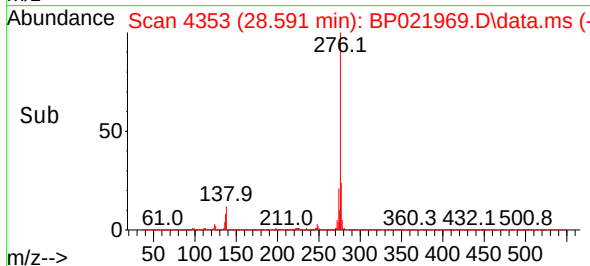
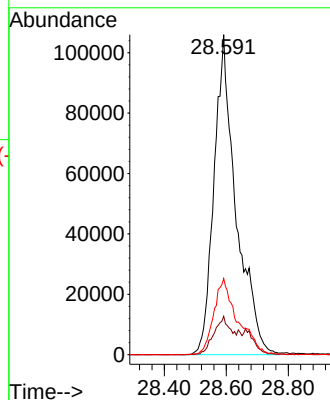
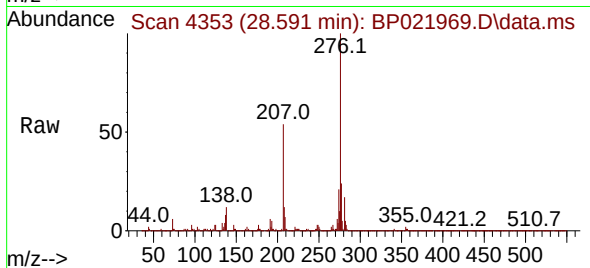
Tgt Ion:276 Resp: 523745

Ion Ratio Lower Upper

276 100

138 9.6 7.8 11.8

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 8.516 ng

RT: 23.880 min Scan# 3552

Delta R.T. 0.059 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

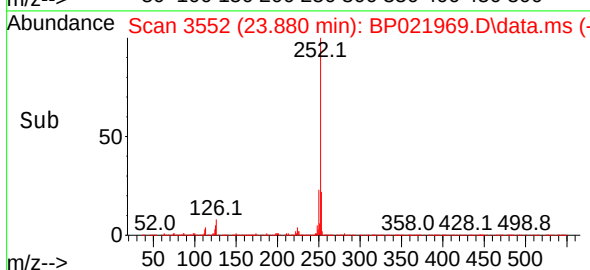
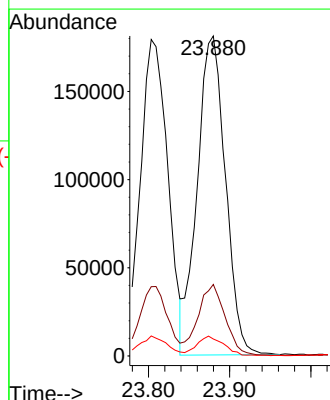
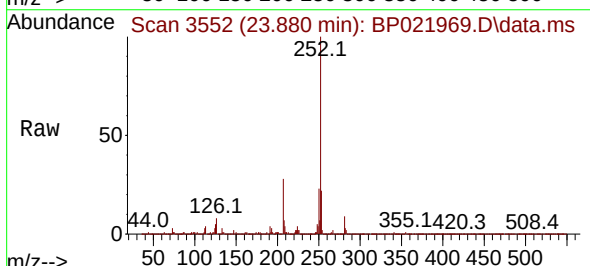
Tgt Ion:252 Resp: 437228

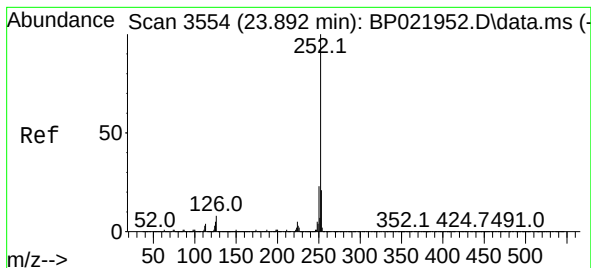
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 5.3 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 8.999 ng

RT: 23.880 min Scan# 3552

Delta R.T. -0.012 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

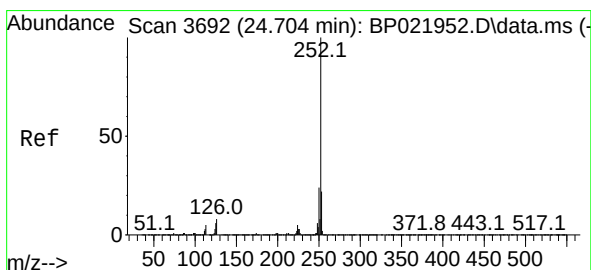
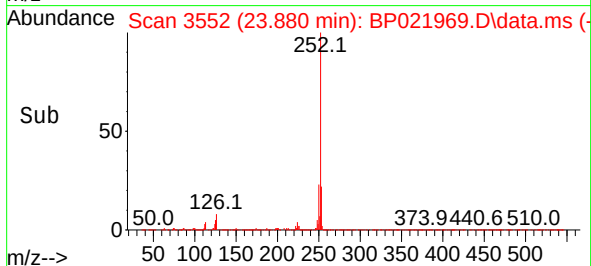
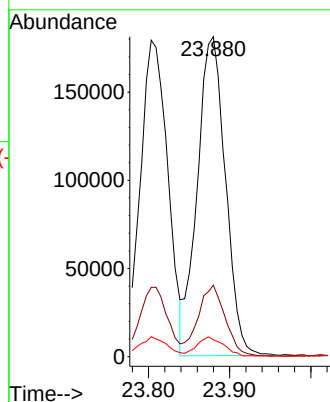
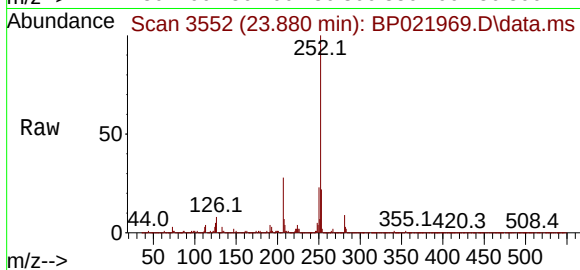
Tgt Ion:252 Resp: 437228

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 5.3 4.3 6.5



#90

Benzo(a)pyrene

Concen: 8.845 ng

RT: 24.686 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP021969.D

Acq: 20 Sep 2024 16:09

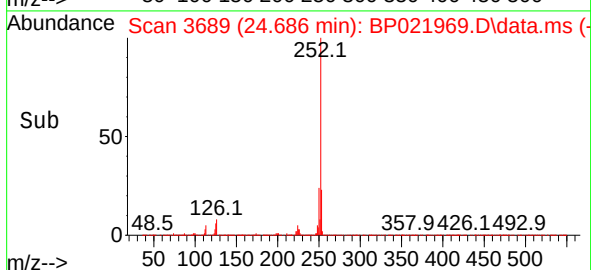
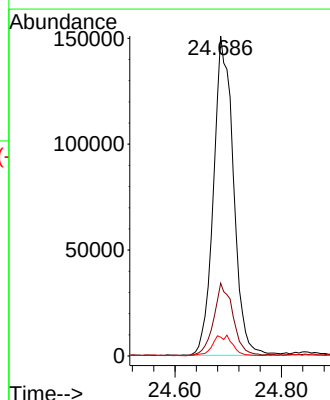
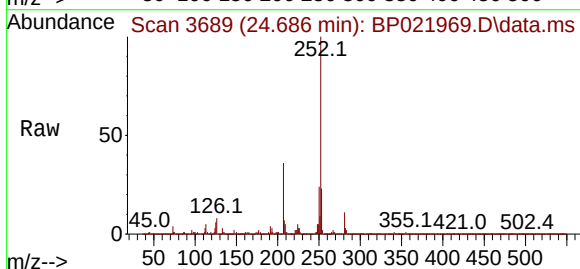
Tgt Ion:252 Resp: 391206

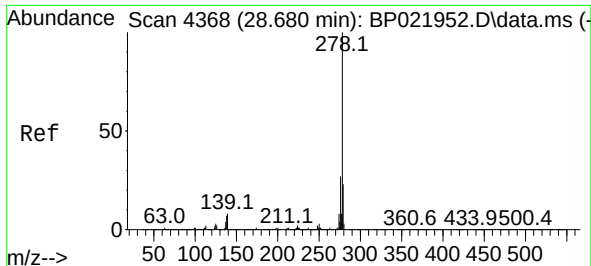
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 5.8 5.0 7.6



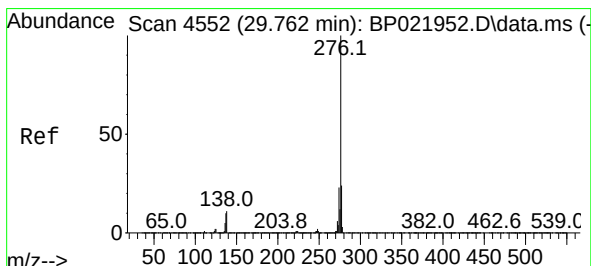
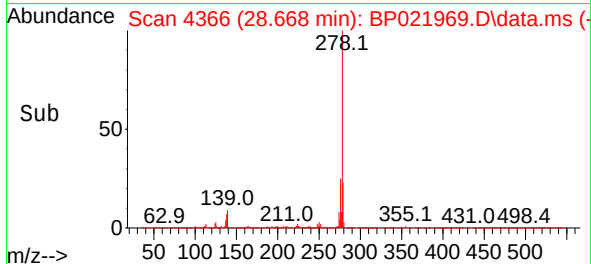
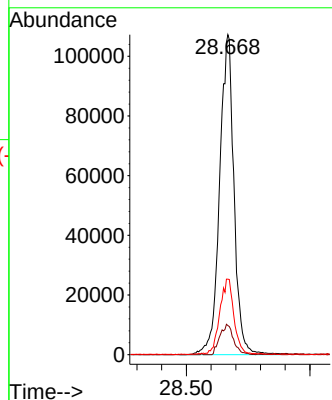
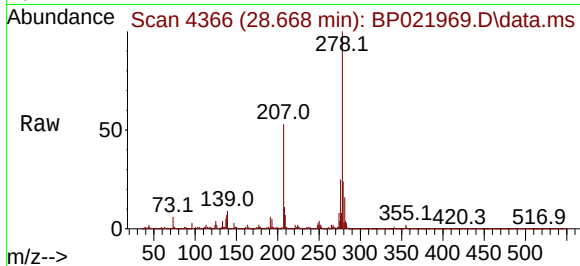


#91
 Dibenzo(a,h)anthracene
 Concen: 9.096 ng
 RT: 28.668 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BP021969.D
 Acq: 20 Sep 2024 16:09

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 278 Resp: 433479

Ion	Ratio	Lower	Upper
278	100		
139	9.1	6.6	10.0
279	23.6	18.8	28.2



#92
 Benzo(g,h,i)perylene
 Concen: 8.509 ng
 RT: 29.744 min Scan# 4549
 Delta R.T. -0.018 min
 Lab File: BP021969.D
 Acq: 20 Sep 2024 16:09

Tgt Ion: 276 Resp: 415352

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.3	28.9
138	13.0	9.2	13.8

