

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021962.D
 Acq On : 20 Sep 2024 11:08
 Operator : RC/JU
 Sample : P2403-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 20 11:34:15 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	7.711	152	68921	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	260134	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	203032	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	523328	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	661687	20.000	ng	-0.01
86) Perylene-d12	24.845	264	836429	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	420550	114.672	ng	0.00
7) Phenol-d6	6.893	99	546969	114.886	ng	0.00
23) Nitrobenzene-d5	8.852	82	422913	86.024	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	542111	144.026	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1165481	83.796	ng	0.00
79) Terphenyl-d14	19.851	244	2624220	74.500	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	6023	3.955	ng	95
3) Pyridine	3.664	79	12748	3.139	ng	96
4) n-Nitrosodimethylamine	3.564	42	9228	4.307	ng	# 86
6) Aniline	7.052	93	18740	4.479	ng	97
8) 2-Chlorophenol	7.281	128	15069	3.843	ng	90
9) Benzaldehyde	6.864	77	15527	6.237	ng	94
10) Phenol	6.916	94	17929	3.792	ng	# 75
11) bis(2-Chloroethyl)ether	7.140	93	13550	3.804	ng	99
12) 1,3-Dichlorobenzene	7.605	146	19152	3.868	ng	96
13) 1,4-Dichlorobenzene	7.746	146	19355	3.855	ng	98
14) 1,2-Dichlorobenzene	8.058	146	17881	3.710	ng	90
15) Benzyl Alcohol	7.946	79	14143	3.873	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.222	45	15431	4.062	ng	95
17) 2-Methylphenol	8.146	107	10826	3.389	ng	# 88
18) Hexachloroethane	8.781	117	6898	3.736	ng	93
19) n-Nitroso-di-n-propyla...	8.499	70	11693	3.951	ng	# 96
20) 3+4-Methylphenols	8.475	107	15929	3.532	ng	94
22) Acetophenone	8.516	105	25402	4.003	ng	# 95
24) Nitrobenzene	8.887	77	19418	3.889	ng	92
25) Isophorone	9.416	82	31639	3.904	ng	98
26) 2-Nitrophenol	9.587	139	7134	3.268	ng	# 87
27) 2,4-Dimethylphenol	9.657	122	6522	2.580	ng	98
28) bis(2-Chloroethoxy)met...	9.887	93	17563	3.614	ng	96
29) 2,4-Dichlorophenol	10.128	162	14811	3.452	ng	92
30) 1,2,4-Trichlorobenzene	10.340	180	20488	3.834	ng	97
31) Naphthalene	10.522	128	50218	3.869	ng	96
32) Benzoic acid	9.722	122	7587	2.567	ng	# 81
33) 4-Chloroaniline	10.628	127	18600	3.973	ng	98
34) Hexachlorobutadiene	10.810	225	16238	3.884	ng	96
35) Caprolactam	11.393	113	4101	3.212	ng	93
36) 4-Chloro-3-methylphenol	11.751	107	15619	3.393	ng	92
37) 2-Methylnaphthalene	12.128	142	36204	3.812	ng	97
38) 1-Methylnaphthalene	12.346	142	34709	3.702	ng	# 92
40) 1,2,4,5-Tetrachloroben...	12.499	216	27746	3.906	ng	99
41) Hexachlorocyclopentadiene	12.475	237	6492	2.460	ng	93
43) 2,4,6-Trichlorophenol	12.734	196	15194	3.485	ng	88

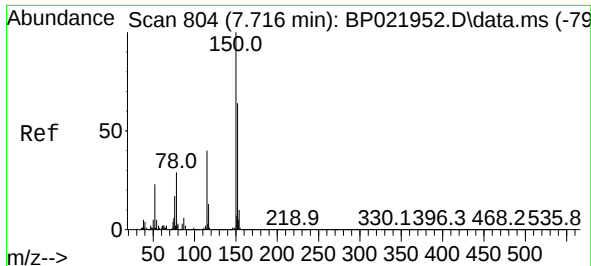
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021962.D
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	17014	3.479	ng	93
46) 1,1'-Biphenyl	13.140	154	57443	4.149	ng	97
47) 2-Chloronaphthalene	13.187	162	41420	3.700	ng	97
48) 2-Nitroaniline	13.381	65	10019	3.278	ng	95
49) Acenaphthylene	14.040	152	62601	3.963	ng	96
50) Dimethylphthalate	13.769	163	57108	3.878	ng	99
51) 2,6-Dinitrotoluene	13.887	165	10788	3.288	ng	# 80
52) Acenaphthene	14.381	154	39660	3.858	ng	94
53) 3-Nitroaniline	14.222	138	9369	3.204	ng	# 97
54) 2,4-Dinitrophenol	14.434	184	5626	2.926	ng	93
55) Dibenzofuran	14.722	168	68701	3.976	ng	98
56) 4-Nitrophenol	14.545	139	7643	3.003	ng	97
57) 2,4-Dinitrotoluene	14.693	165	14054	3.030	ng	98
58) Fluorene	15.387	166	56041	3.884	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	17767	3.764	ng	# 98
60) Diethylphthalate	15.151	149	57852	3.866	ng	97
61) 4-Chlorophenyl-phenylether	15.387	204	33384	3.974	ng	99
62) 4-Nitroaniline	15.398	138	10721	3.334	ng	97
63) Azobenzene	15.681	77	47523	3.838	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	9273	3.057	ng	94
66) n-Nitrosodiphenylamine	15.592	169	48798	3.745	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	22905	3.755	ng	89
68) Hexachlorobenzene	16.410	284	28106	3.695	ng	98
69) Atrazine	16.563	200	20472	4.385	ng	97
70) Pentachlorophenol	16.769	266	16294	3.184	ng	94
71) Phenanthrene	17.163	178	98742	3.931	ng	99
72) Anthracene	17.251	178	89397	3.676	ng	98
73) Carbazole	17.534	167	84456	3.596	ng	99
74) Di-n-butylphthalate	18.134	149	96007	3.480	ng	99
75) Fluoranthene	19.251	202	127356	3.632	ng	99
77) Benzidine	19.451	184	35508	4.391	ng	# 94
78) Pyrene	19.628	202	136449	3.409	ng	99
80) Butylbenzylphthalate	20.580	149	45114	3.160	ng	99
81) Benzo(a)anthracene	21.533	228	160494	3.775	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	54025	3.502	ng	99
83) Chrysene	21.598	228	157652	3.938	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	66951	3.195	ng	98
85) Di-n-octyl phthalate	22.739	149	110107	3.094	ng	98
87) Indeno(1,2,3-cd)pyrene	28.562	276	236480	4.251	ng	99
88) Benzo(b)fluoranthene	23.804	252	175043	3.539	ng	99
89) Benzo(k)fluoranthene	23.869	252	171273	3.659	ng	98
90) Benzo(a)pyrene	24.686	252	159223	3.736	ng	# 98
91) Dibenzo(a,h)anthracene	28.627	278	195177	4.251	ng	99
92) Benzo(g,h,i)perylene	29.721	276	188690	4.012	ng	97

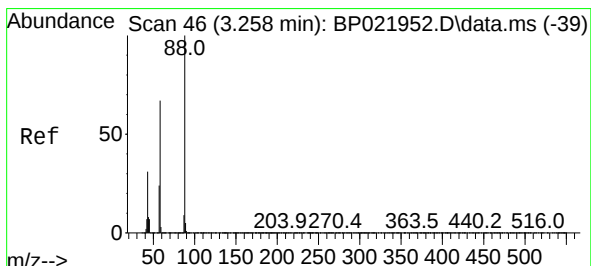
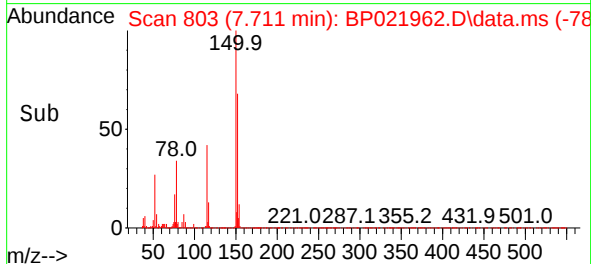
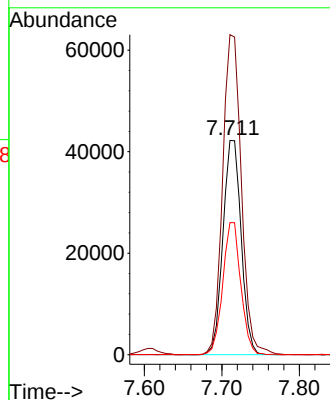
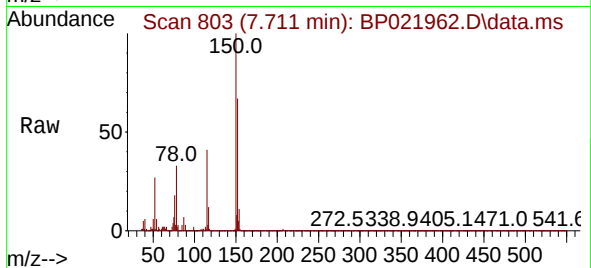
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

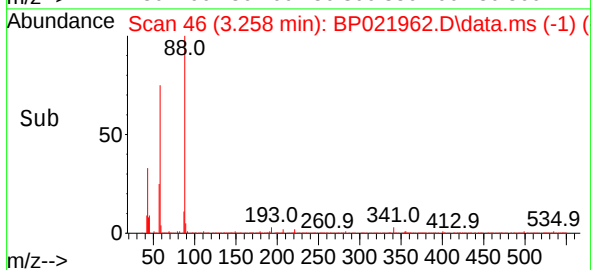
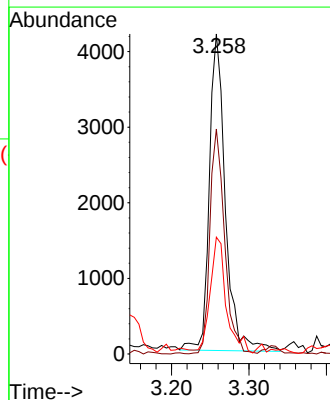
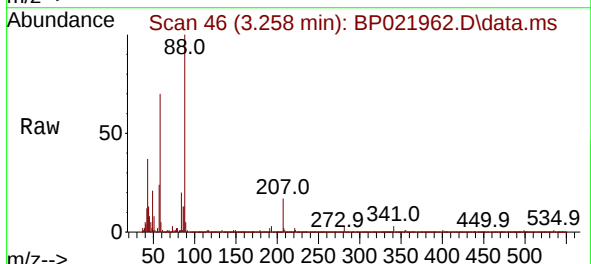
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

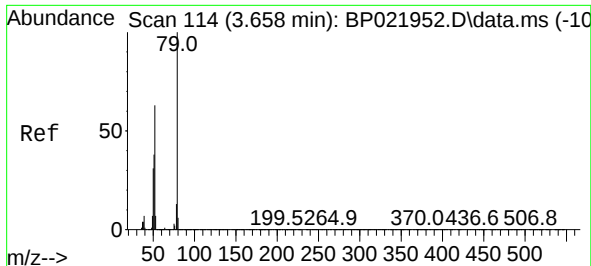
Tgt Ion:152 Resp: 68921
Ion Ratio Lower Upper
152 100
150 149.4 124.2 186.2
115 61.6 49.2 73.8



#2
1,4-Dioxane
Concen: 3.955 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 88 Resp: 6023
Ion Ratio Lower Upper
88 100
58 64.7 53.8 80.6
43 36.6 25.2 37.8

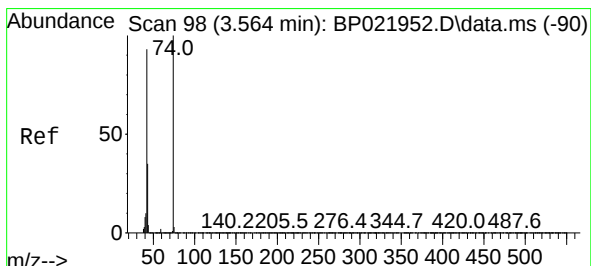
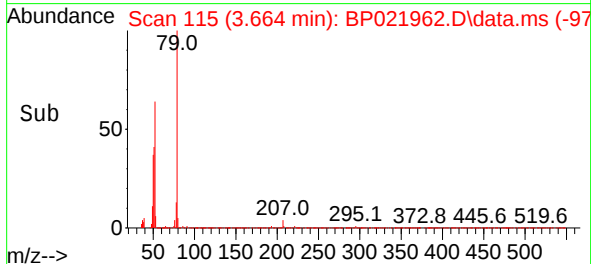
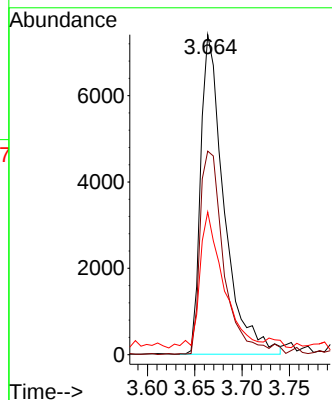
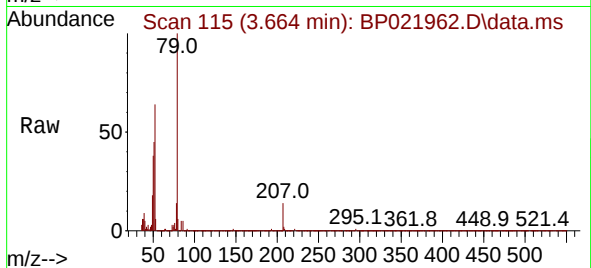




#3
Pyridine
Concen: 3.139 ng
RT: 3.664 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

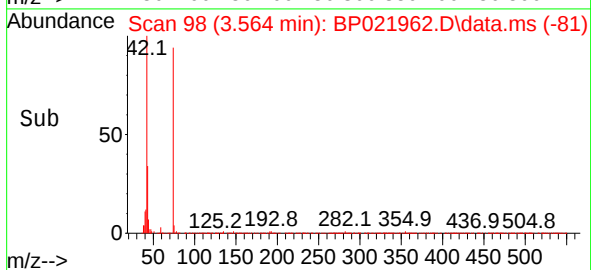
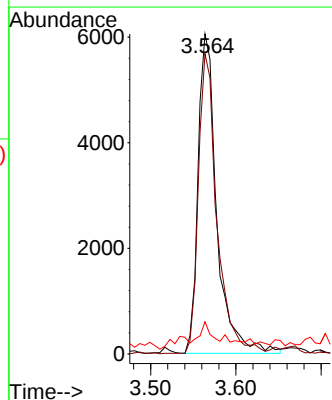
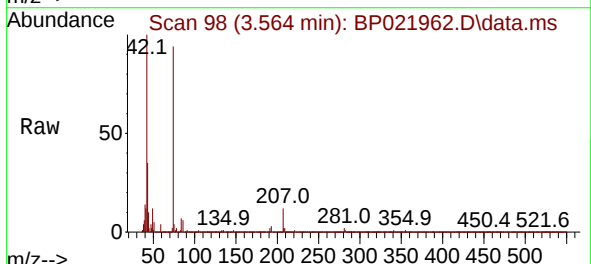
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

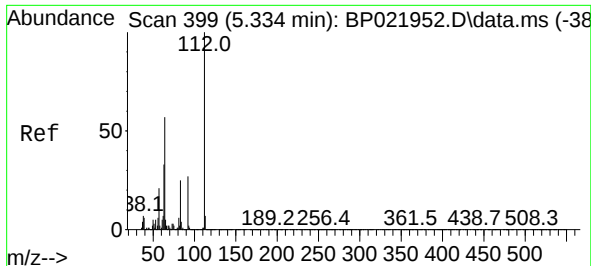
Tgt Ion: 79 Resp: 12748
Ion Ratio Lower Upper
79 100
52 63.6 50.3 75.5
51 44.6 30.9 46.3



#4
n-Nitrosodimethylamine
Concen: 4.307 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 42 Resp: 9228
Ion Ratio Lower Upper
42 100
74 93.8 86.3 129.5
44 10.1 4.0 6.0#

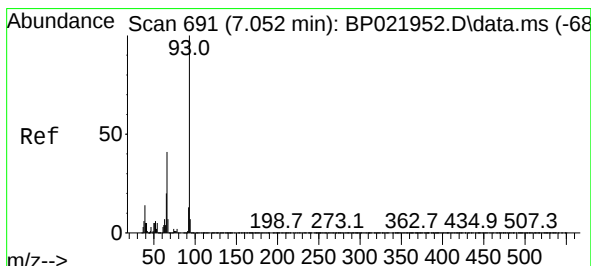
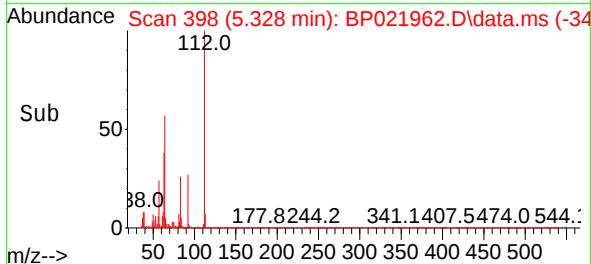
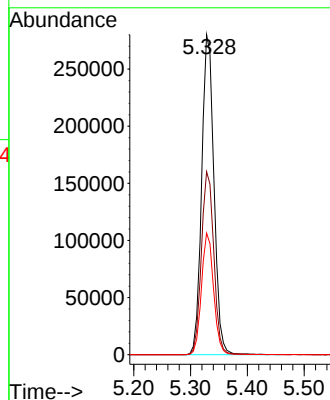
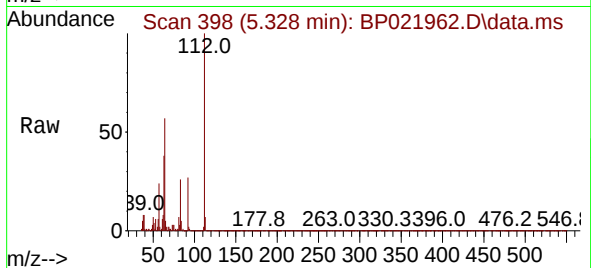




#5
2-Fluorophenol
Concen: 114.672 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

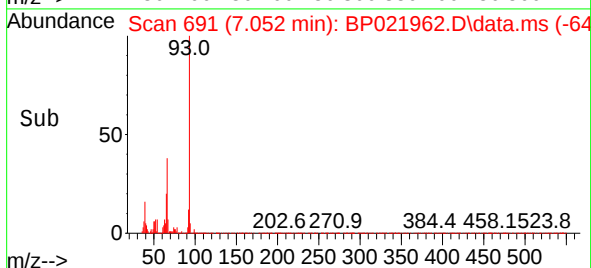
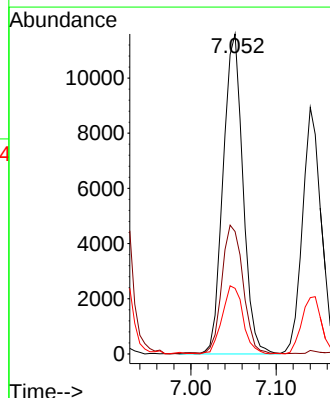
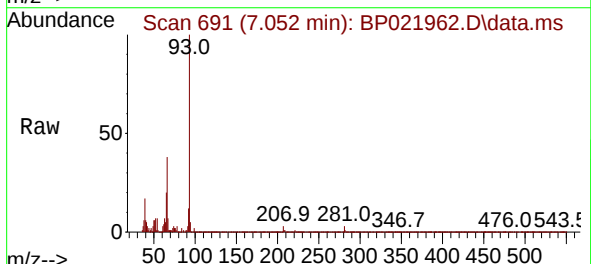
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

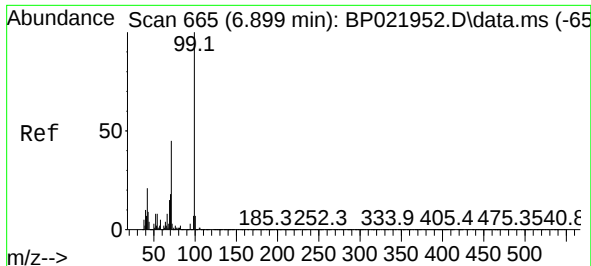
Tgt Ion:112 Resp: 420550
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.0
63 38.0 26.6 39.8



#6
Aniline
Concen: 4.479 ng
RT: 7.052 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 93 Resp: 18740
Ion Ratio Lower Upper
93 100
66 38.2 33.0 49.4
65 20.5 16.1 24.1

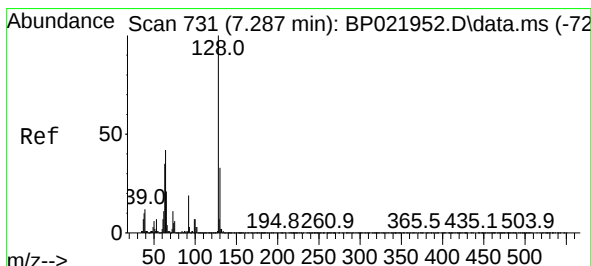
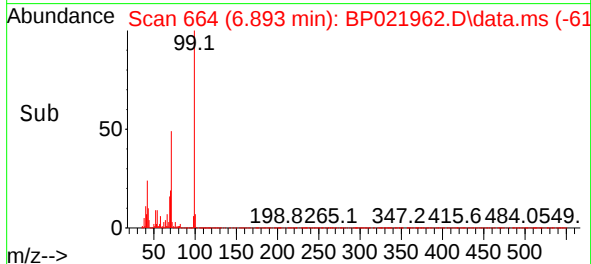
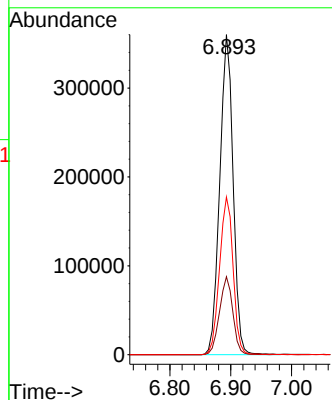
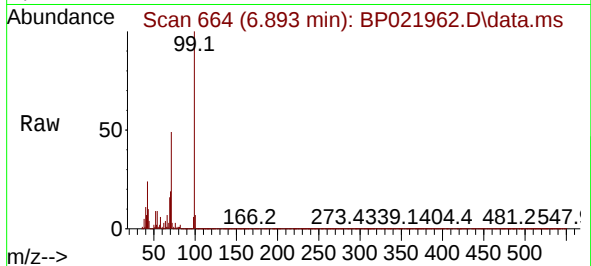




#7
Phenol-d6
Concen: 114.886 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

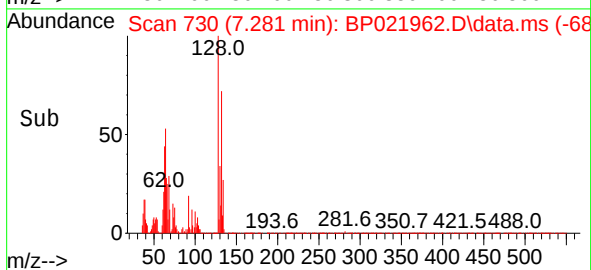
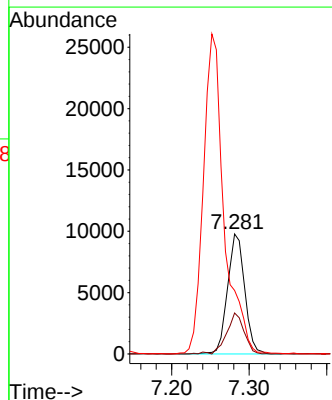
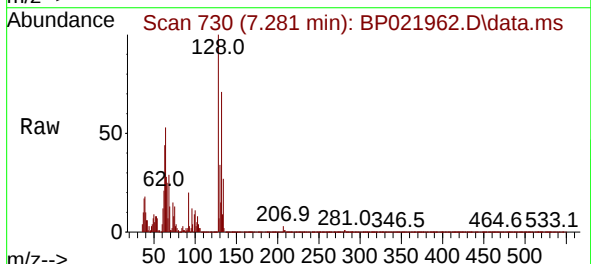
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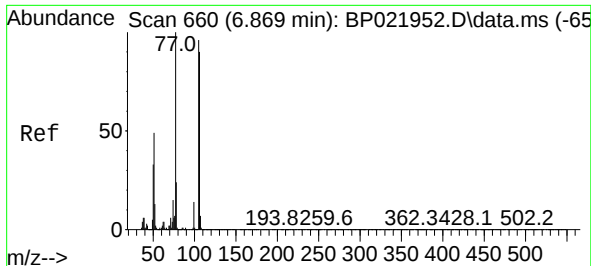
Tgt Ion: 99 Resp: 546969
Ion Ratio Lower Upper
99 100
42 24.3 16.8 25.2
71 49.3 35.8 53.6



#8
2-Chlorophenol
Concen: 3.843 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:128 Resp: 15069
Ion Ratio Lower Upper
128 100
130 34.1 13.1 53.1
64 52.9 22.1 62.1





#9

Benzaldehyde

Concen: 6.237 ng

RT: 6.864 min Scan# 660

Delta R.T. -0.006 min

Lab File: BP021962.D

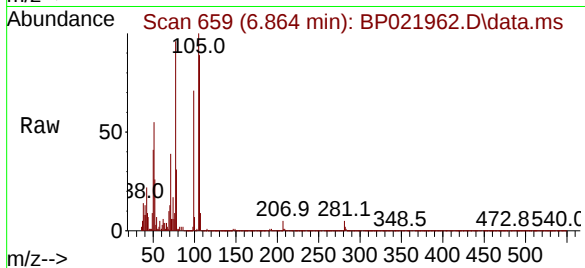
Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



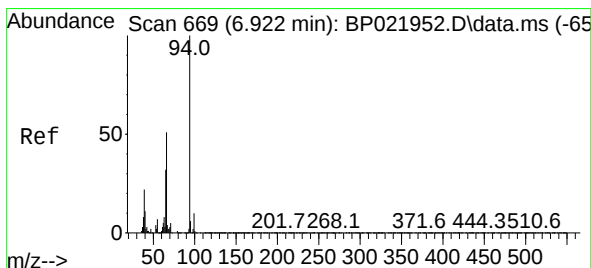
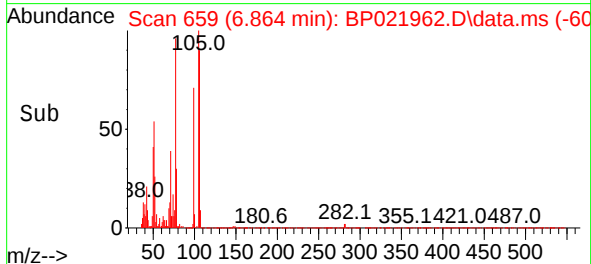
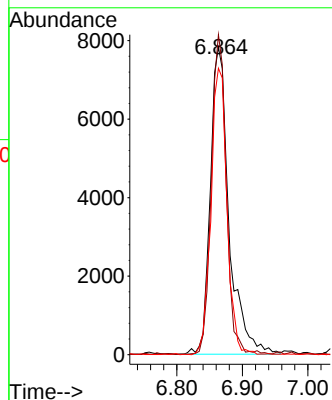
Tgt Ion: 77 Resp: 15527

Ion Ratio Lower Upper

77 100

105 104.2 76.1 116.1

106 93.2 69.9 109.9



#10

Phenol

Concen: 3.792 ng

RT: 6.916 min Scan# 668

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

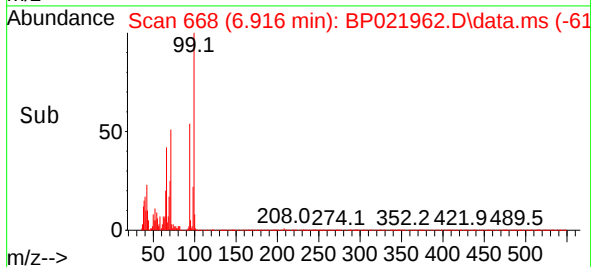
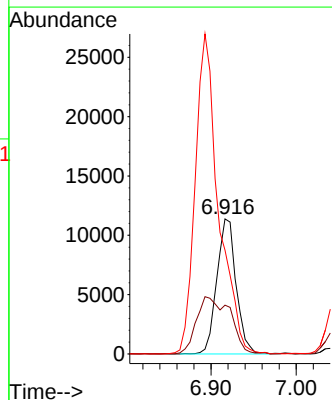
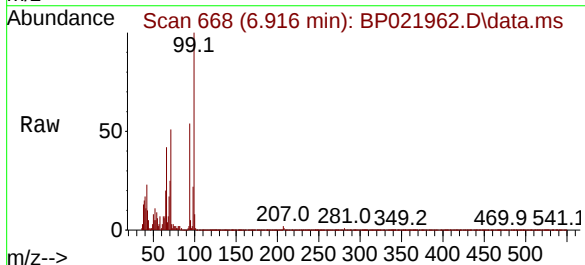
Tgt Ion: 94 Resp: 17929

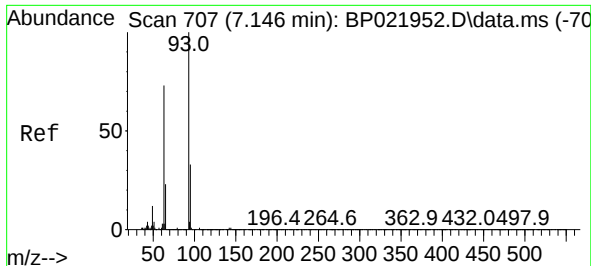
Ion Ratio Lower Upper

94 100

65 36.2 12.5 52.5

66 76.9 31.2 71.2#





#11

bis(2-Chloroethyl)ether

Concen: 3.804 ng

RT: 7.140 min Scan# 707

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

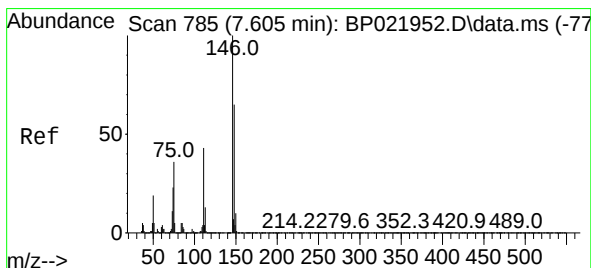
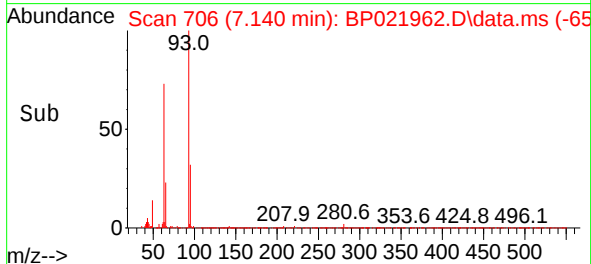
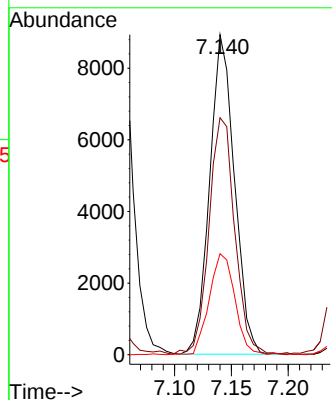
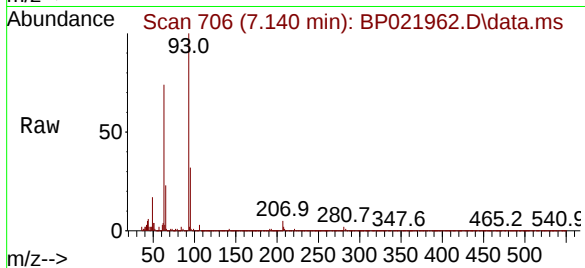
Tgt Ion: 93 Resp: 13550

Ion Ratio Lower Upper

93 100

63 74.0 53.0 93.0

95 31.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 3.868 ng

RT: 7.605 min Scan# 785

Delta R.T. 0.000 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

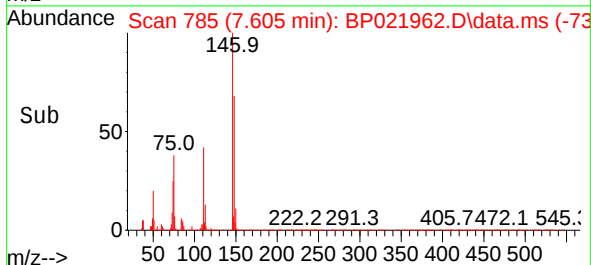
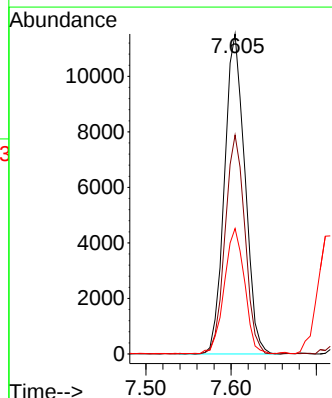
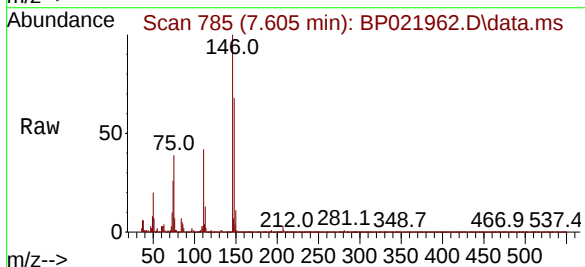
Tgt Ion:146 Resp: 19152

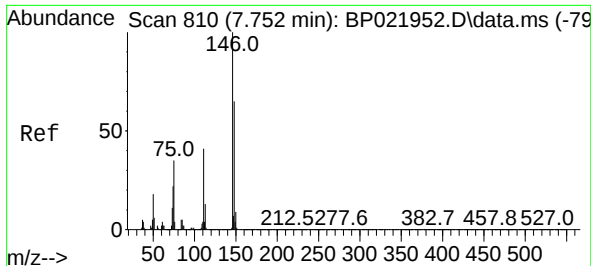
Ion Ratio Lower Upper

146 100

148 68.4 52.3 78.5

75 39.2 29.0 43.6

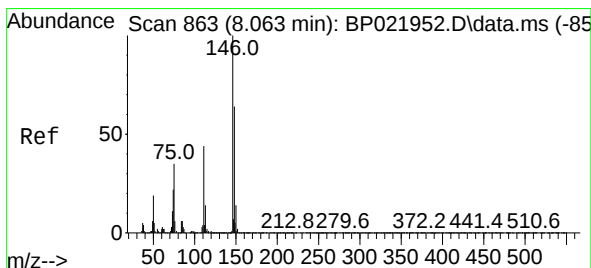
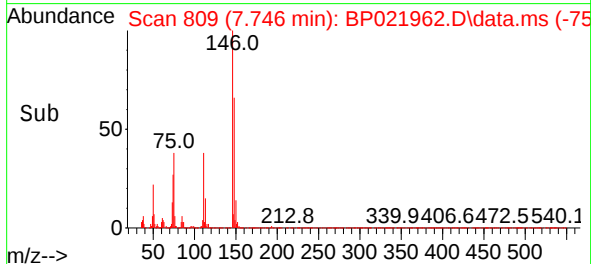
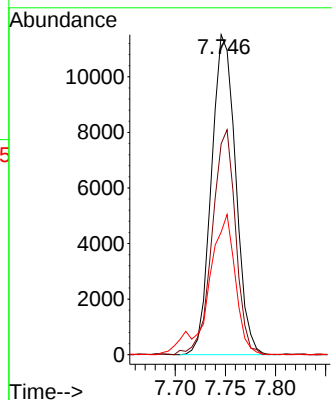
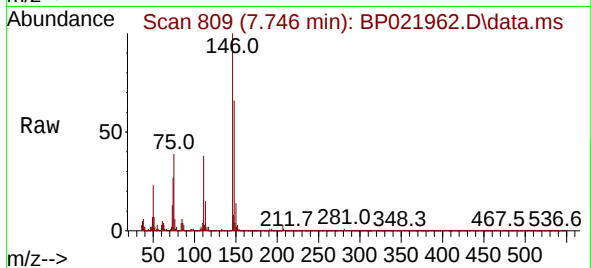




#13
1,4-Dichlorobenzene
Concen: 3.855 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

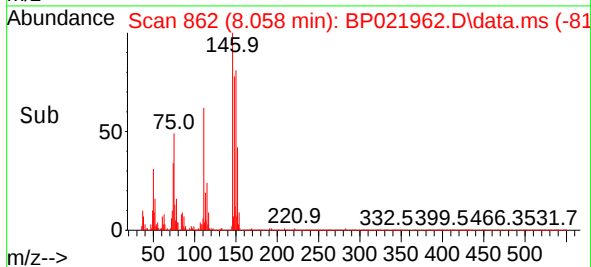
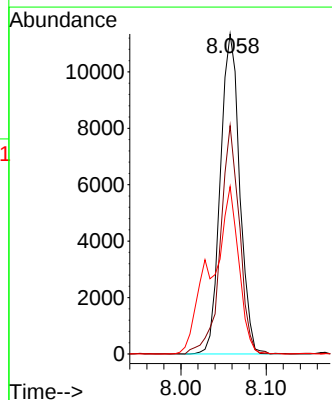
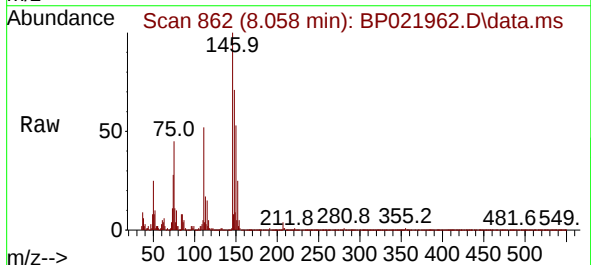
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

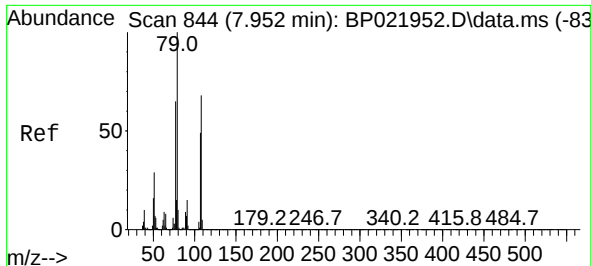
Tgt Ion:146 Resp: 19355
Ion Ratio Lower Upper
146 100
148 65.9 52.2 78.4
111 38.3 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 3.710 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:146 Resp: 17881
Ion Ratio Lower Upper
146 100
148 71.4 51.3 76.9
111 52.3 35.6 53.4





#15

Benzyl Alcohol

Concen: 3.873 ng

RT: 7.946 min Scan# 844

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

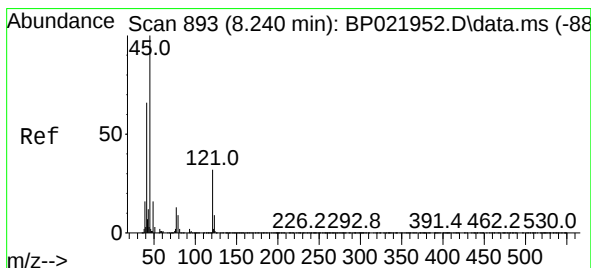
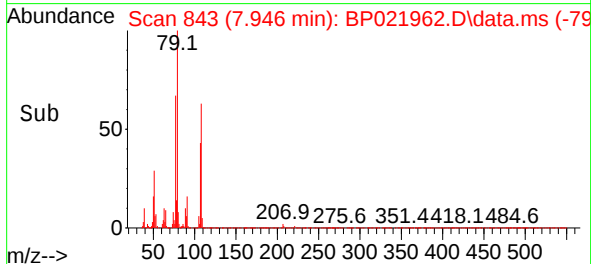
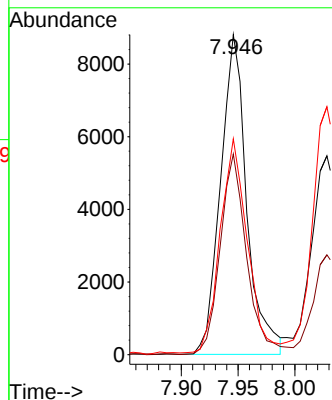
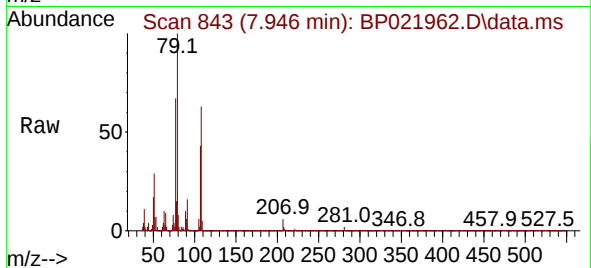
Tgt Ion: 79 Resp: 14143

Ion Ratio Lower Upper

79 100

108 62.7 54.7 82.1

77 67.5 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.062 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

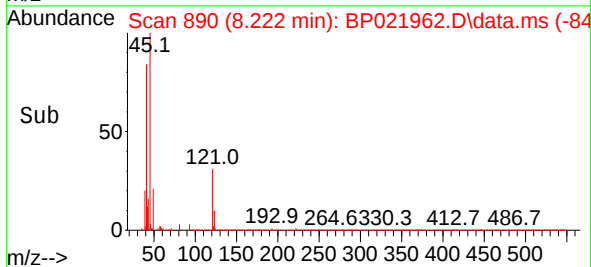
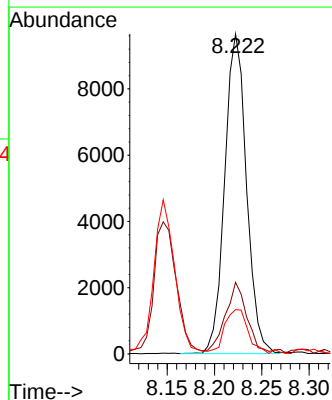
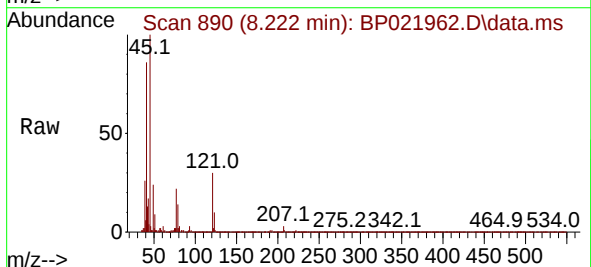
Tgt Ion: 45 Resp: 15431

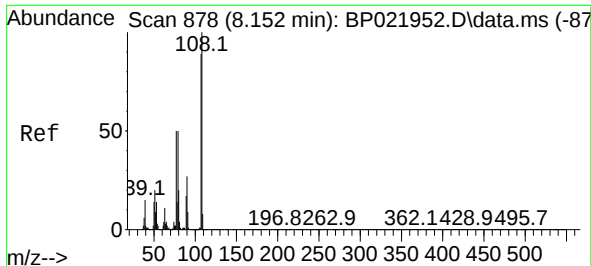
Ion Ratio Lower Upper

45 100

77 22.4 0.0 39.5

79 13.8 0.0 34.9

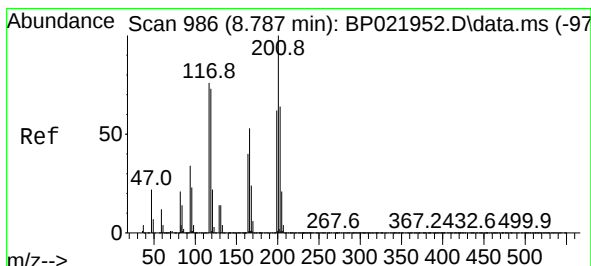
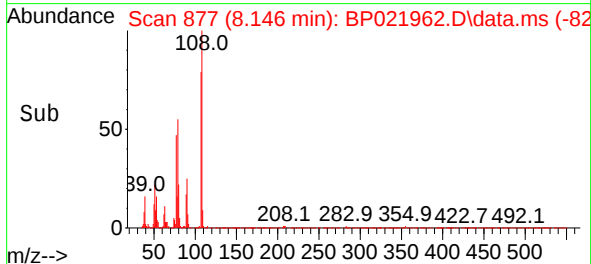
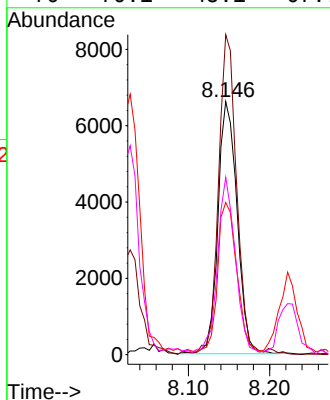
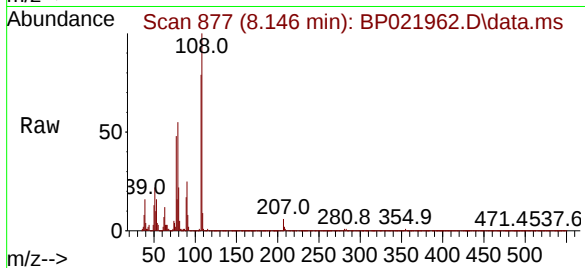




#17
2-Methylphenol
Concen: 3.389 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

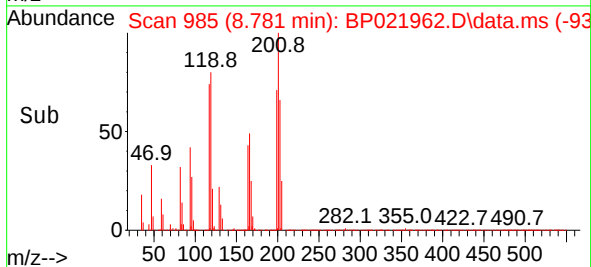
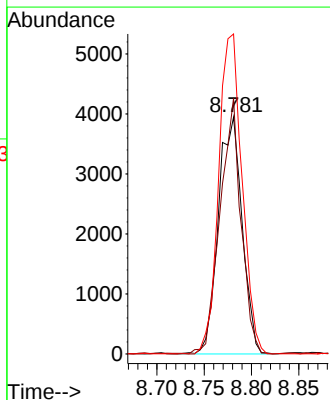
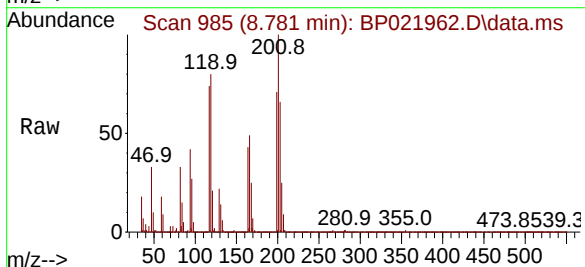
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

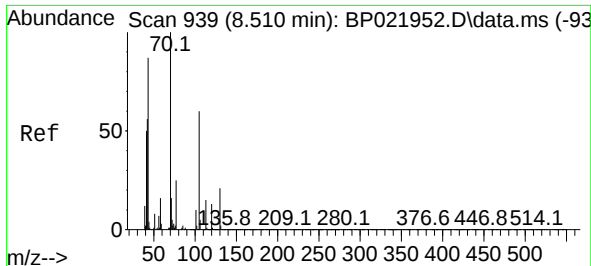
Tgt Ion:	107	Resp:	10826
Ion	Ratio	Lower	Upper
107	100		
108	126.4	90.3	135.5
77	60.1	45.1	67.7
79	70.1	45.1	67.7



#18
Hexachloroethane
Concen: 3.736 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:	117	Resp:	6898
Ion	Ratio	Lower	Upper
117	100		
119	108.1	77.0	115.4
201	135.1	105.6	158.4

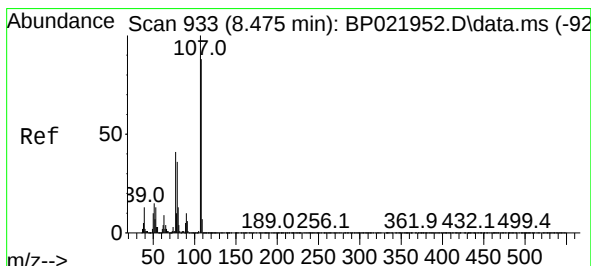
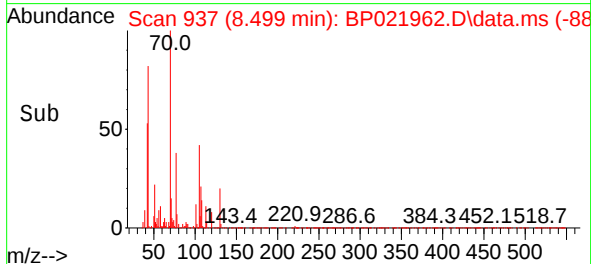
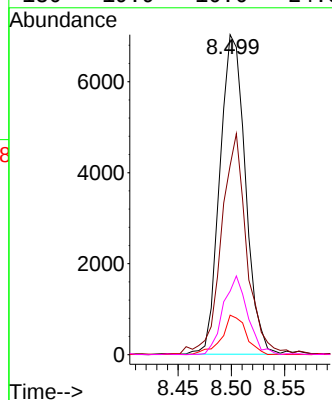
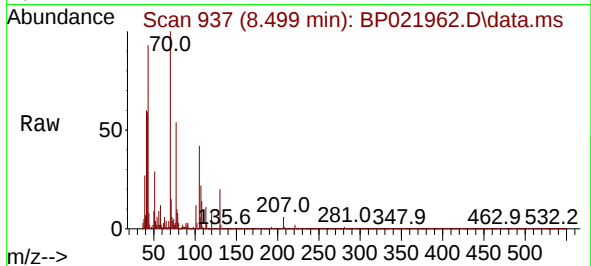




#19
n-Nitroso-di-n-propylamine
Concen: 3.951 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

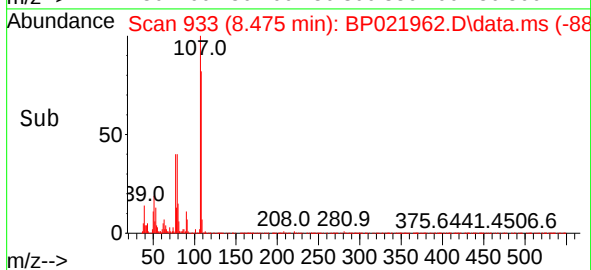
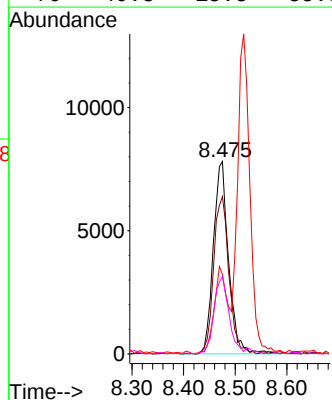
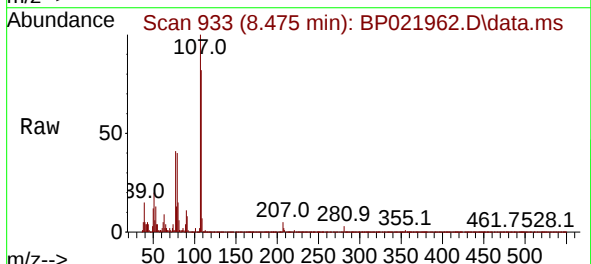
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

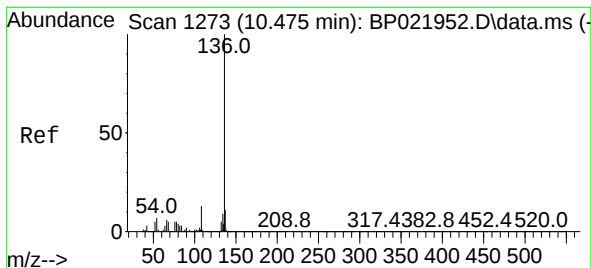
Tgt Ion: 70	Resp: 11693
Ion Ratio	Lower Upper
70	100
42	59.1 45.2 67.8
101	12.3 7.8 11.6#
130	19.9 16.6 24.8



#20
3+4-Methylphenols
Concen: 3.532 ng
RT: 8.475 min Scan# 933
Delta R.T. 0.000 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 107	Resp: 15929
Ion Ratio	Lower Upper
107	100
108	81.8 68.3 108.3
77	41.3 20.6 60.6
79	40.3 15.8 55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.469 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:136 Resp: 260134

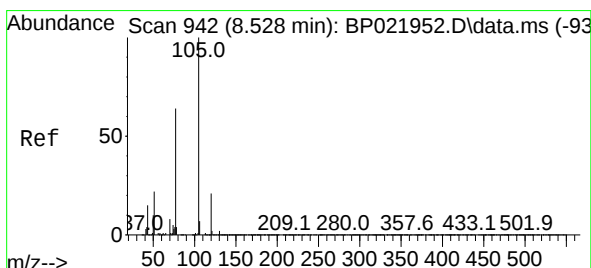
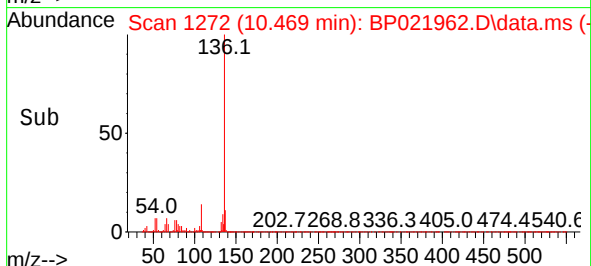
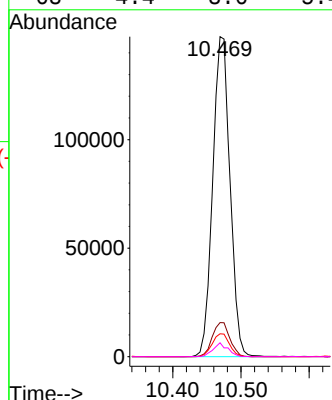
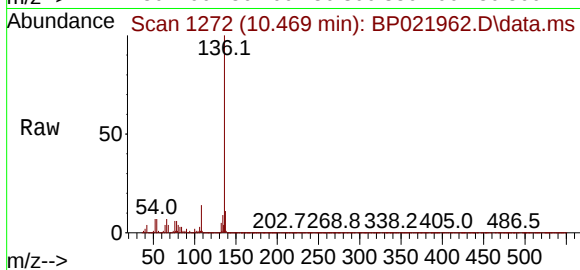
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.2 5.5 8.3

68 4.4 3.6 5.4



#22

Acetophenone

Concen: 4.003 ng

RT: 8.516 min Scan# 940

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Tgt Ion:105 Resp: 25402

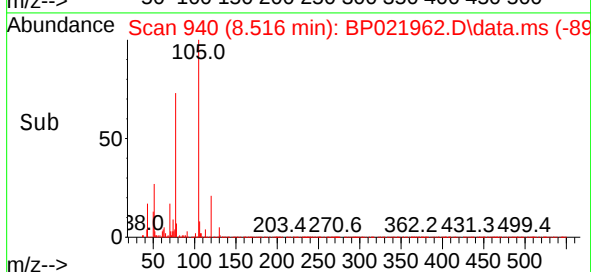
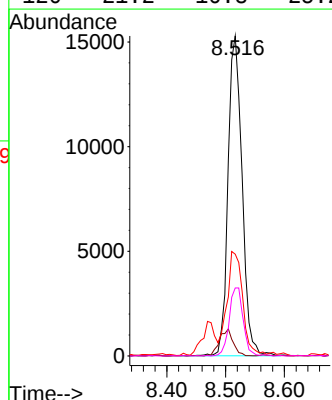
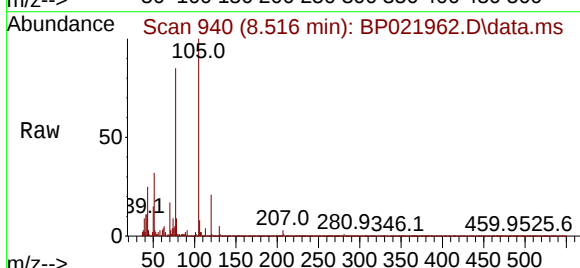
Ion Ratio Lower Upper

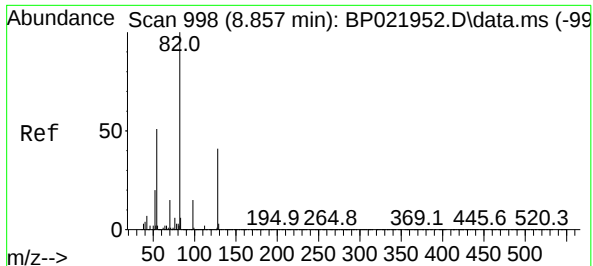
105 100

71 3.0 1.4 2.0#

51 31.8 22.1 33.1

120 21.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 86.024 ng

RT: 8.852 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

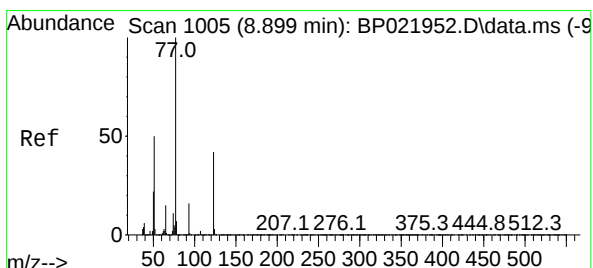
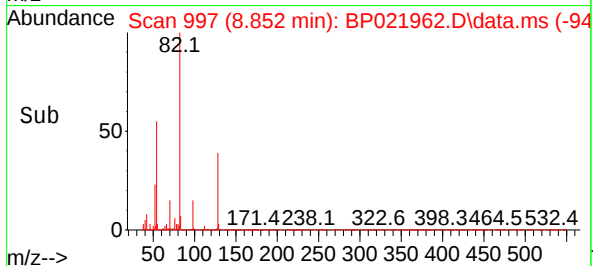
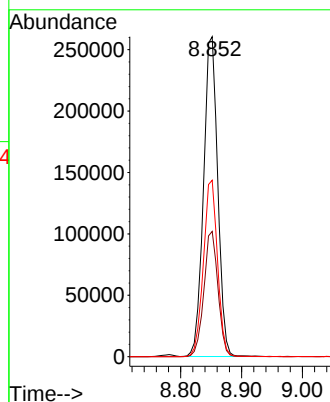
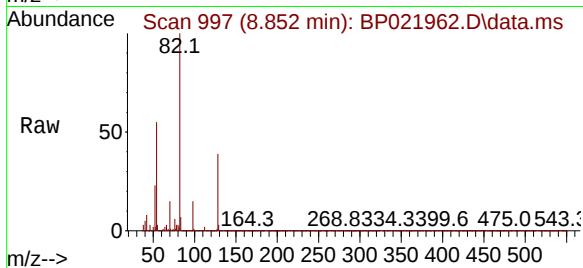
Tgt Ion: 82 Resp: 422913

Ion Ratio Lower Upper

82 100

128 39.2 33.1 49.7

54 55.1 40.3 60.5



#24

Nitrobenzene

Concen: 3.889 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

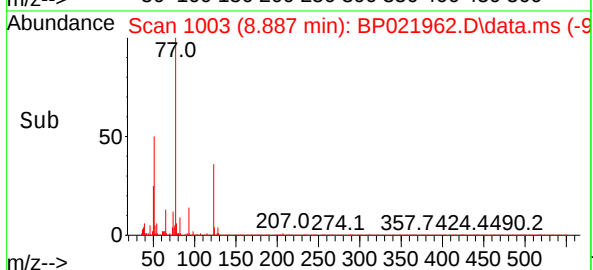
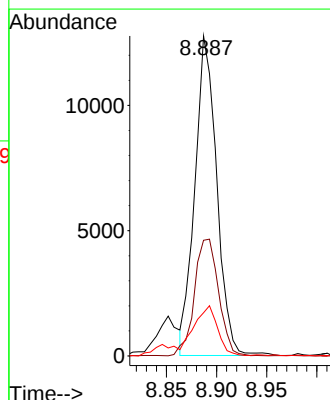
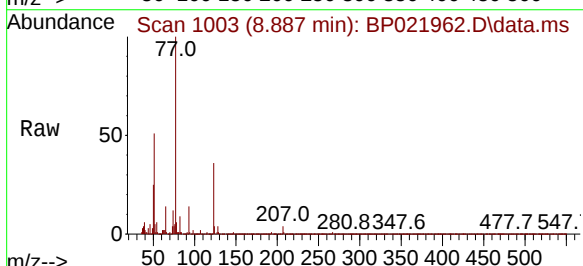
Tgt Ion: 77 Resp: 19418

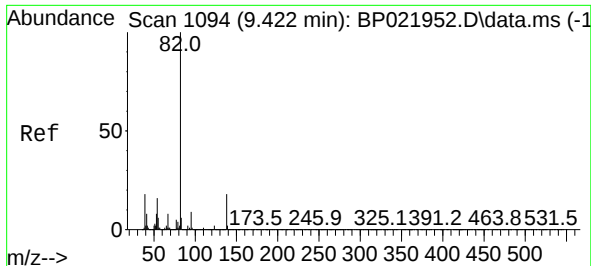
Ion Ratio Lower Upper

77 100

123 36.2 33.9 50.9

65 13.5 12.0 18.0





#25

Isophorone

Concen: 3.904 ng

RT: 9.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

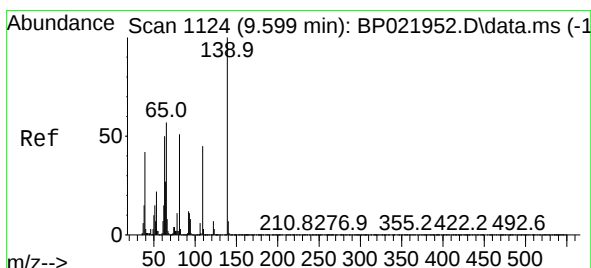
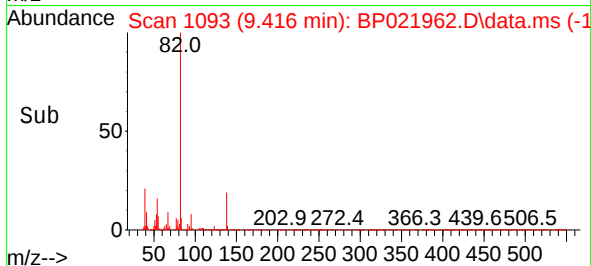
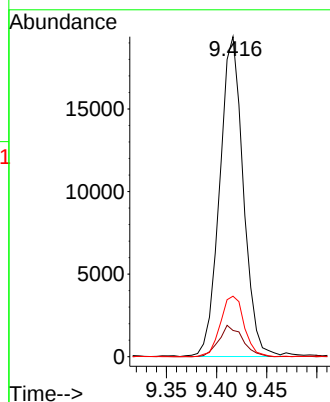
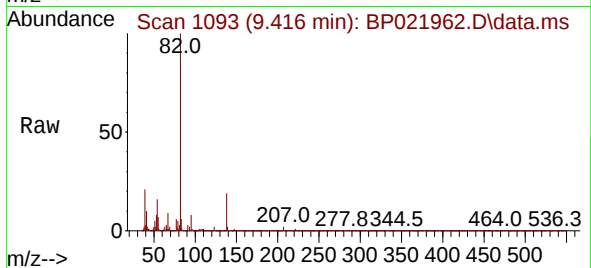
Tgt Ion: 82 Resp: 31639

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.6

138 18.9 14.6 21.8



#26

2-Nitrophenol

Concen: 3.268 ng

RT: 9.587 min Scan# 1122

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

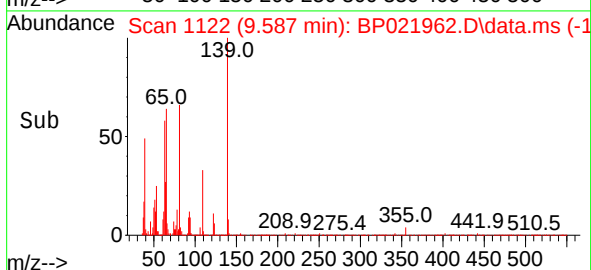
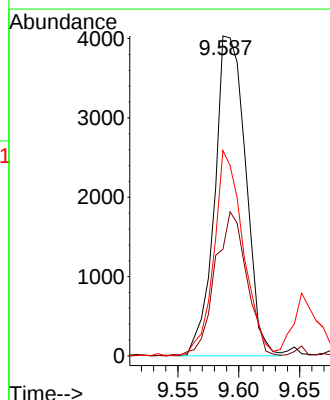
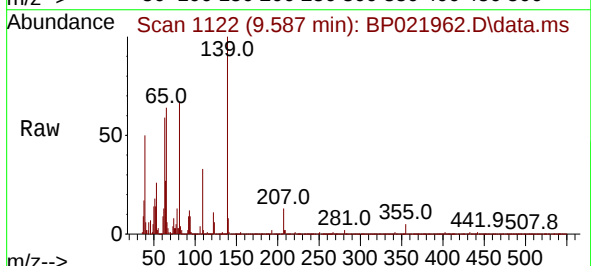
Tgt Ion: 139 Resp: 7134

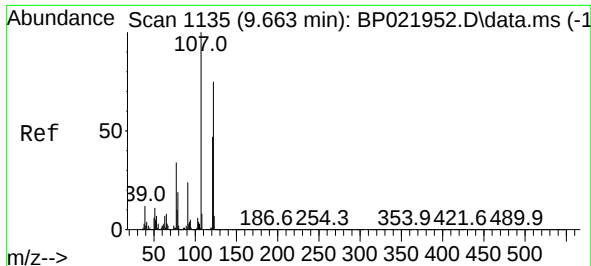
Ion Ratio Lower Upper

139 100

109 33.4 36.0 54.0#

65 64.2 45.7 68.5

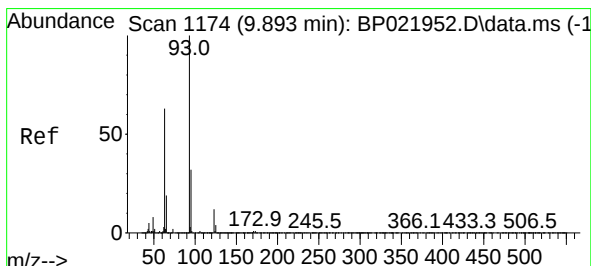
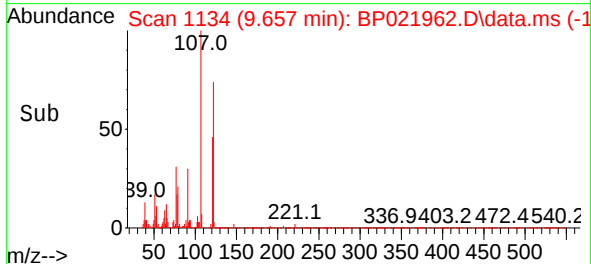
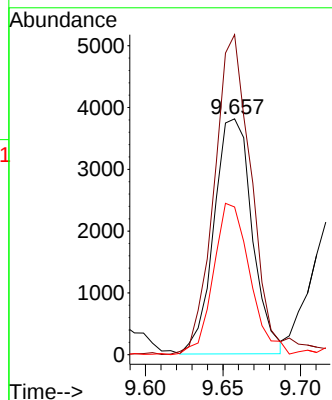
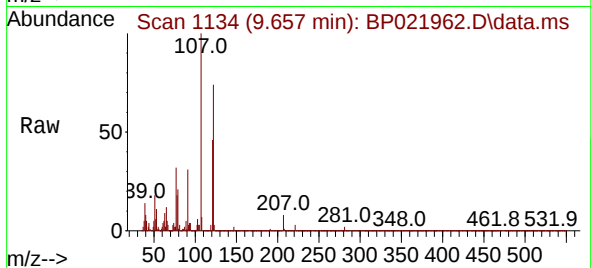




#27
2,4-Dimethylphenol
Concen: 2.580 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

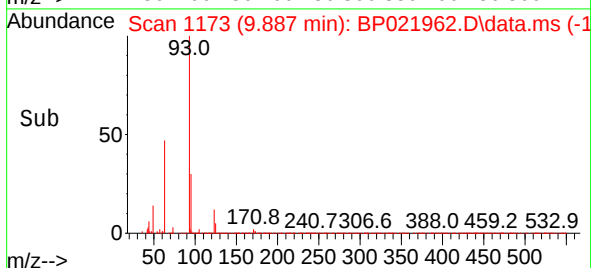
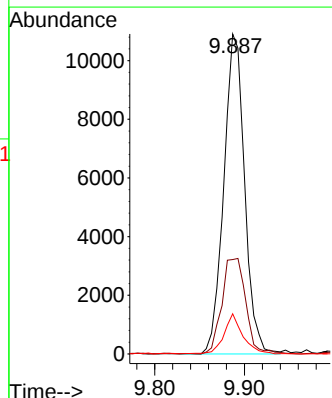
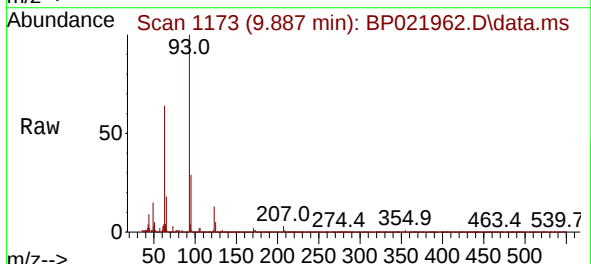
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

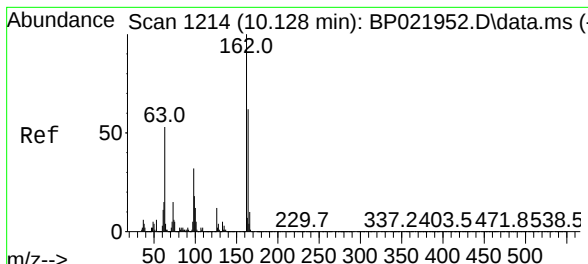
Tgt Ion:122 Resp: 6522
Ion Ratio Lower Upper
122 100
107 135.7 106.1 159.1
121 62.6 49.6 74.4



#28
bis(2-Chloroethoxy)methane
Concen: 3.614 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion: 93 Resp: 17563
Ion Ratio Lower Upper
93 100
95 29.5 25.7 38.5
123 12.5 9.4 14.0

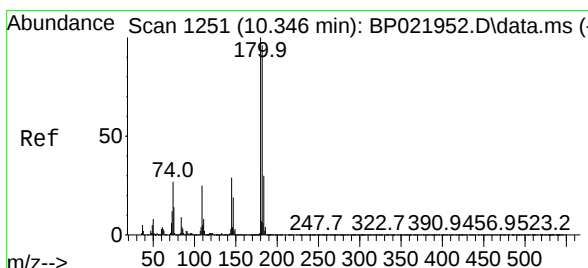
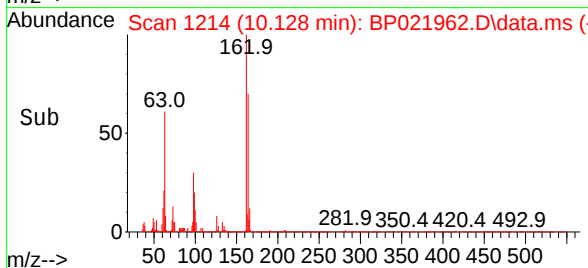
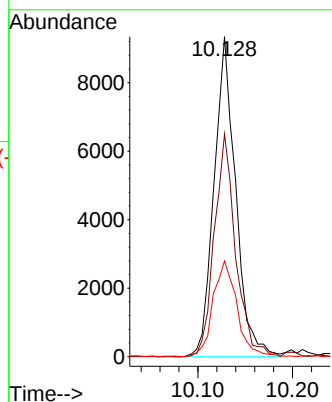
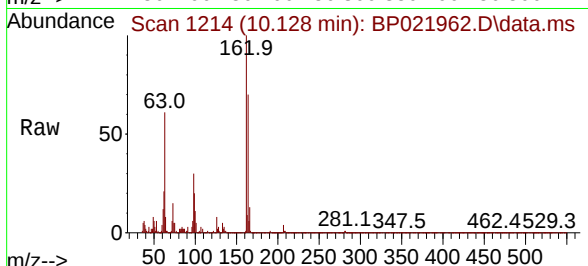




#29
2,4-Dichlorophenol
Concen: 3.452 ng
RT: 10.128 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

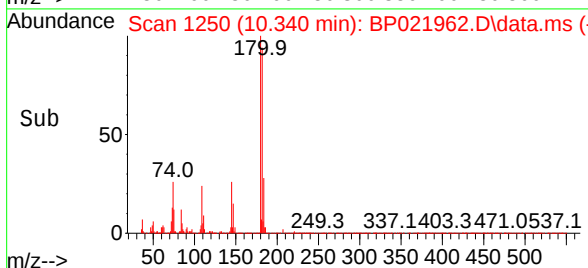
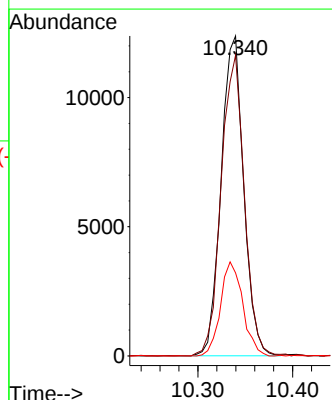
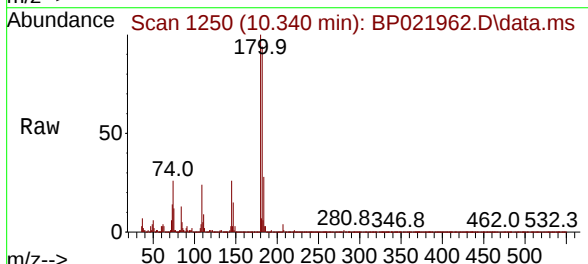
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

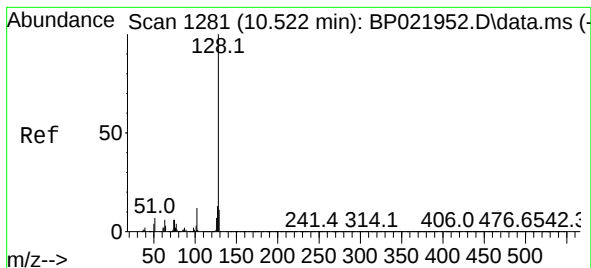
Tgt Ion:162	Resp:	14811
Ion Ratio	Lower	Upper
162	100	
164	69.6	41.7 81.7
98	29.9	12.4 52.4



#30
1,2,4-Trichlorobenzene
Concen: 3.834 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:180	Resp:	20488
Ion Ratio	Lower	Upper
180	100	
182	94.0	77.0 115.4
145	26.0	23.0 34.6





#31

Naphthalene

Concen: 3.869 ng

RT: 10.522 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

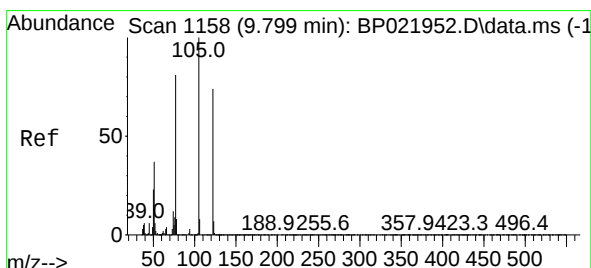
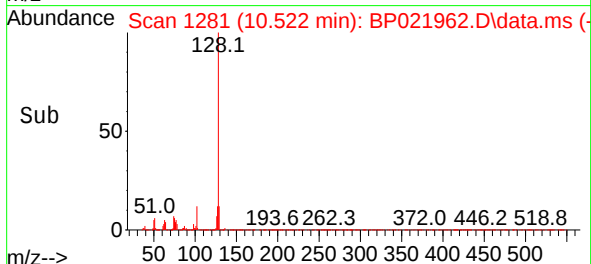
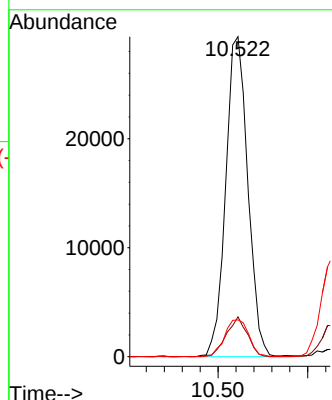
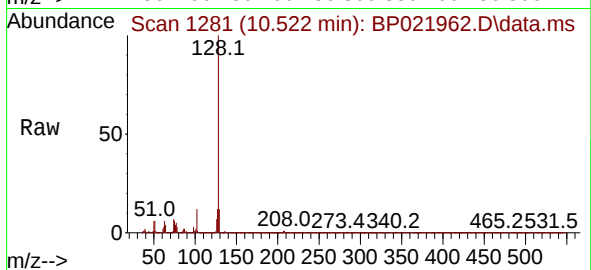
Tgt Ion:128 Resp: 50218

Ion Ratio Lower Upper

128 100

129 12.5 8.6 13.0

127 11.5 10.6 15.8



#32

Benzoic acid

Concen: 2.567 ng

RT: 9.722 min Scan# 1145

Delta R.T. -0.076 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

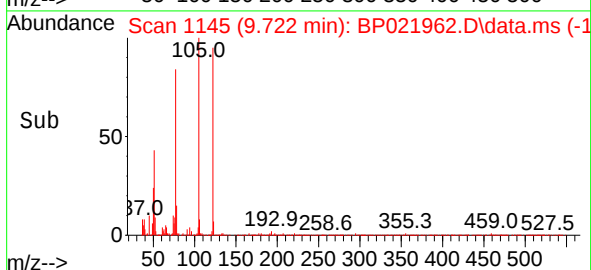
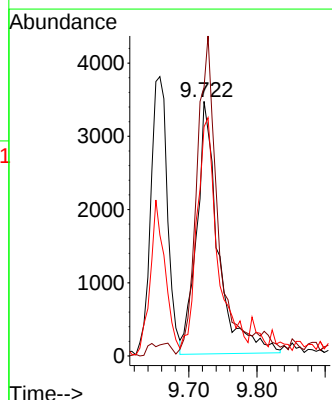
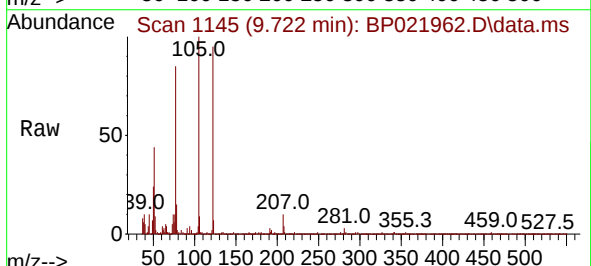
Tgt Ion:122 Resp: 7587

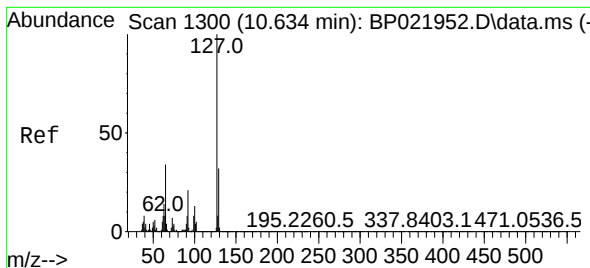
Ion Ratio Lower Upper

122 100

105 105.6 111.3 151.3#

77 90.0 86.7 126.7





#33

4-Chloroaniline

Concen: 3.973 ng

RT: 10.628 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:127 Resp: 18600

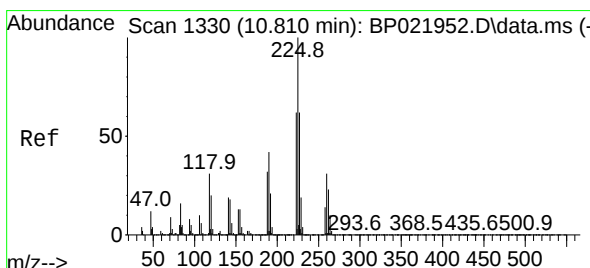
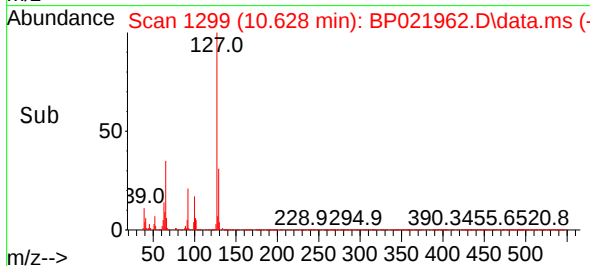
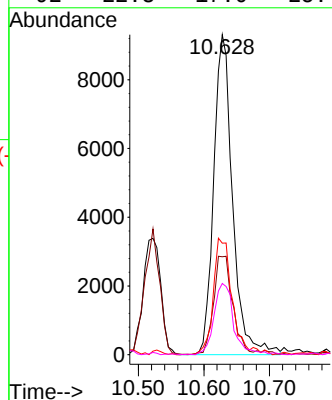
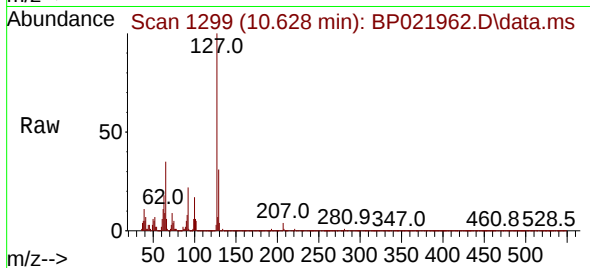
Ion Ratio Lower Upper

127 100

129 30.6 25.4 38.0

65 34.9 27.4 41.2

92 22.3 17.0 25.4



#34

Hexachlorobutadiene

Concen: 3.884 ng

RT: 10.810 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

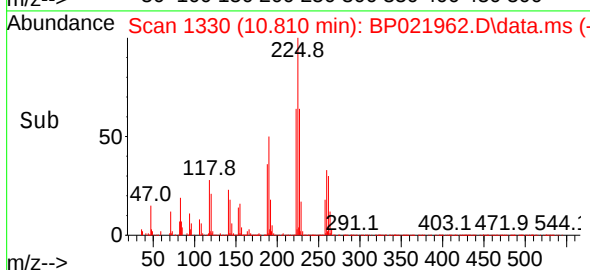
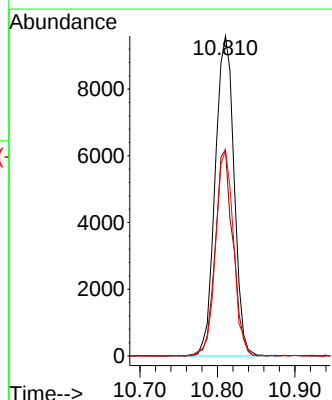
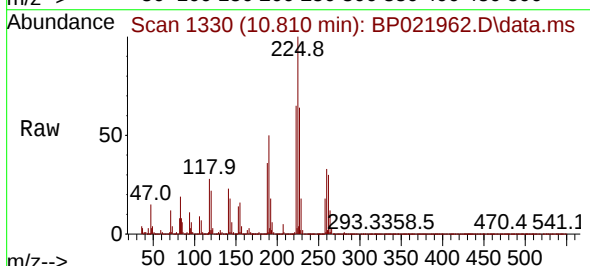
Tgt Ion:225 Resp: 16238

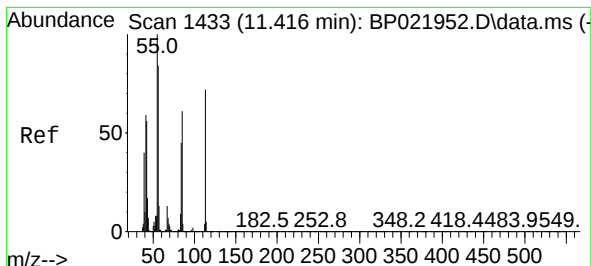
Ion Ratio Lower Upper

225 100

223 64.5 50.0 75.0

227 66.5 49.7 74.5





#35

Caprolactam

Concen: 3.212 ng

RT: 11.393 min Scan# 1429

Delta R.T. -0.023 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

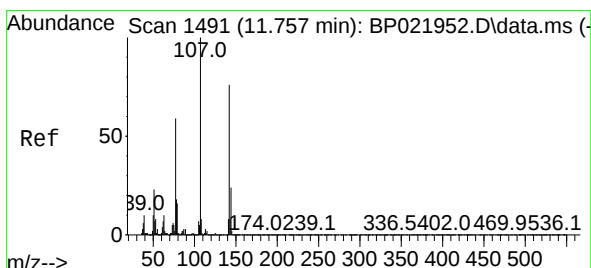
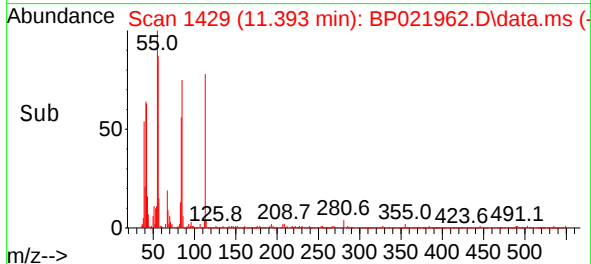
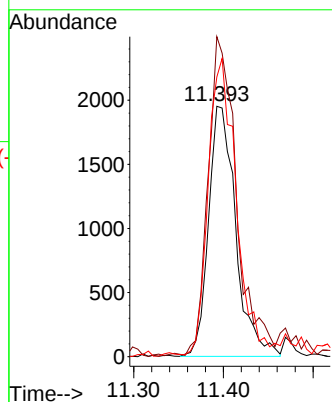
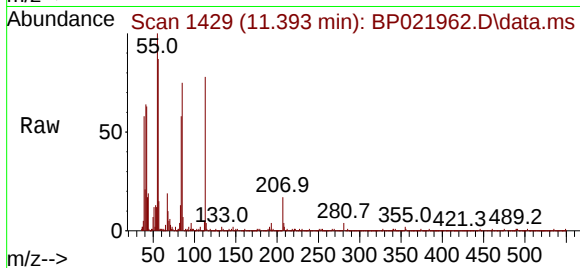
Tgt Ion:113 Resp: 4101

Ion Ratio Lower Upper

113 100

55 127.8 119.4 159.4

56 111.7 97.1 137.1



#36

4-Chloro-3-methylphenol

Concen: 3.393 ng

RT: 11.751 min Scan# 1490

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

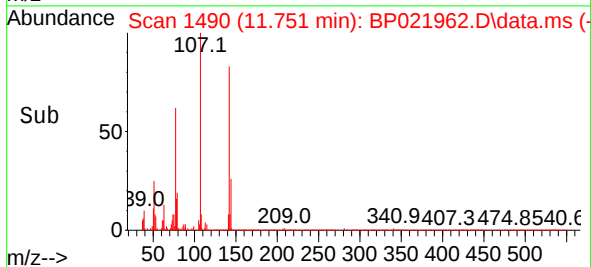
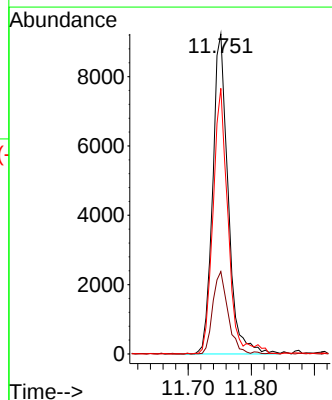
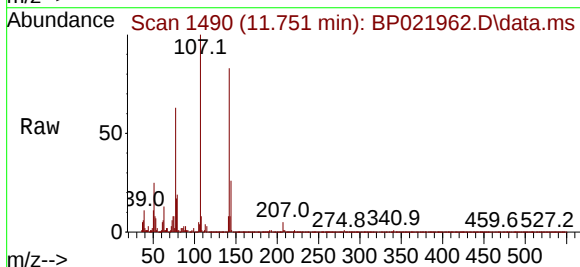
Tgt Ion:107 Resp: 15619

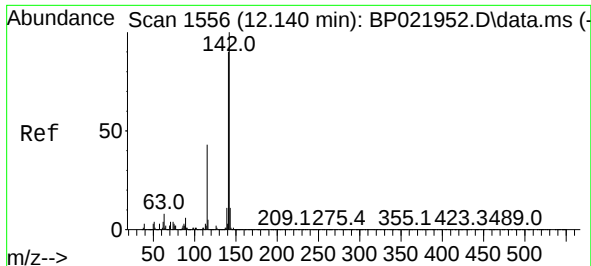
Ion Ratio Lower Upper

107 100

144 25.7 19.0 28.4

142 83.0 60.4 90.6

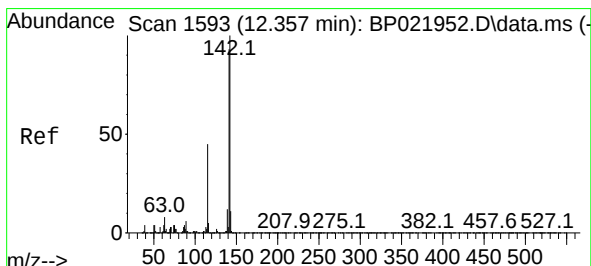
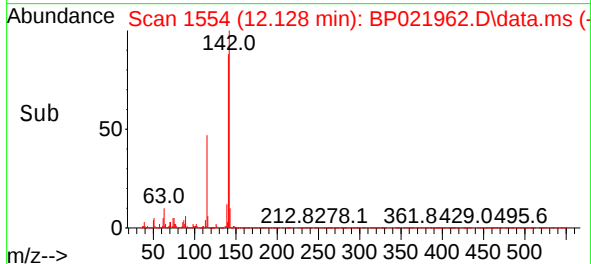
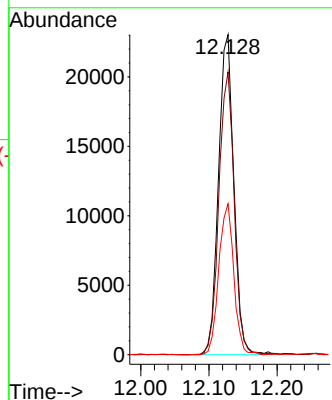
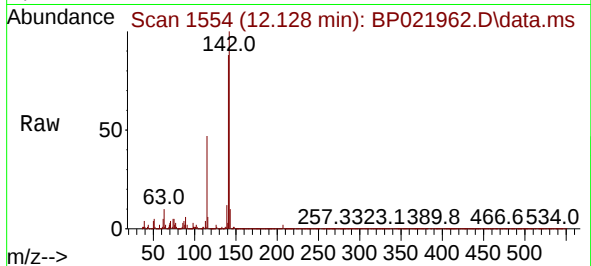




#37
2-Methylnaphthalene
Concen: 3.812 ng
RT: 12.128 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

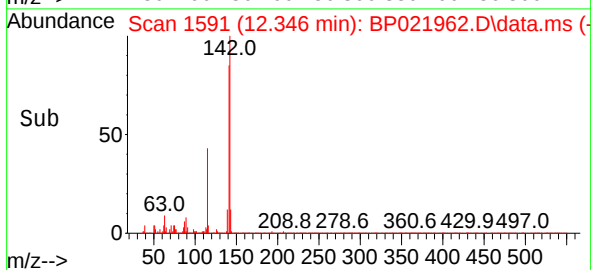
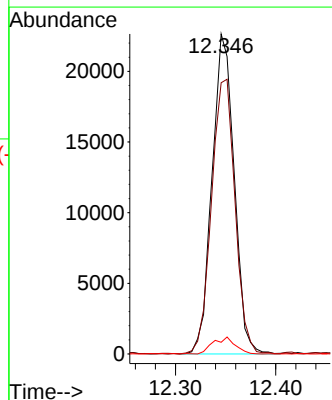
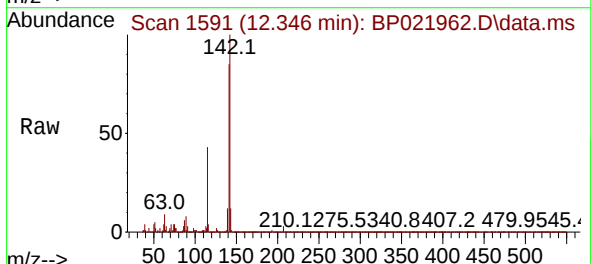
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

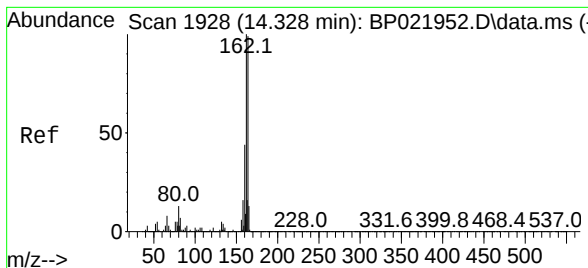
Tgt Ion:142 Resp: 36204
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5
115 47.2 34.6 51.8



#38
1-Methylnaphthalene
Concen: 3.702 ng
RT: 12.346 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:142 Resp: 34709
Ion Ratio Lower Upper
142 100
141 84.8 74.1 111.1
116 3.6 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: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

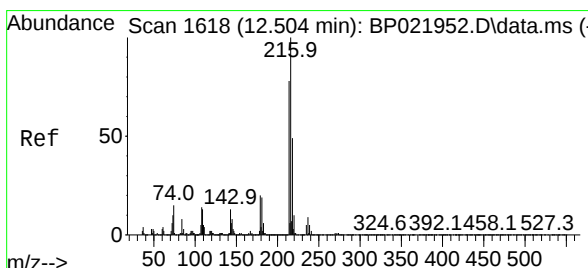
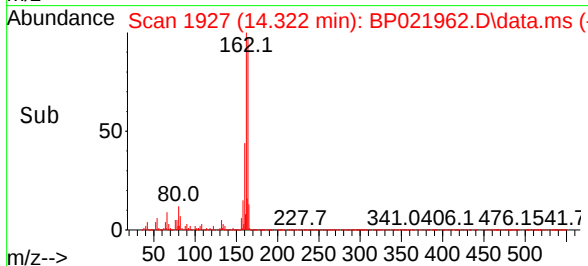
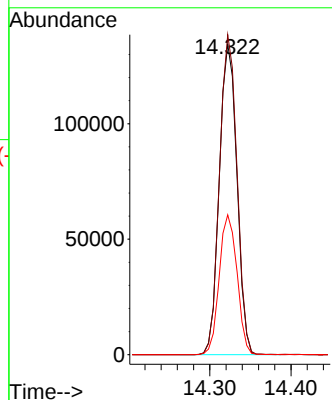
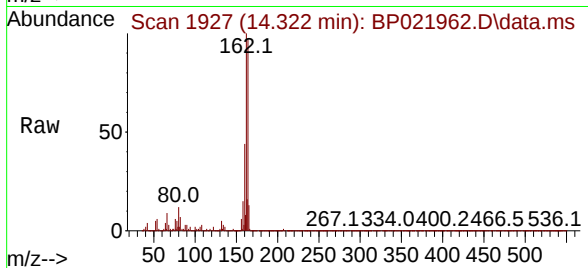
Tgt Ion:164 Resp: 203032

Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

160 45.0 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.906 ng

RT: 12.499 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Tgt Ion:216 Resp: 27746

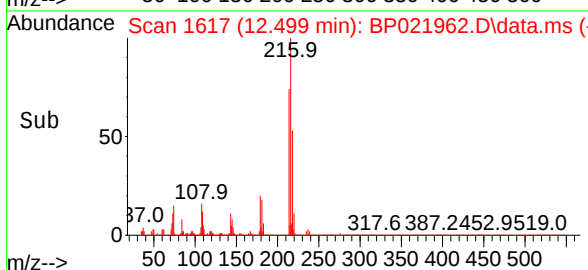
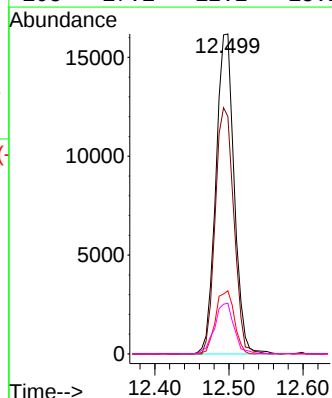
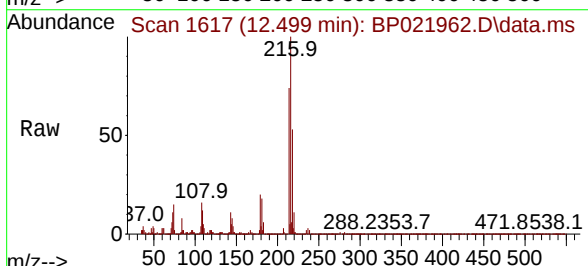
Ion Ratio Lower Upper

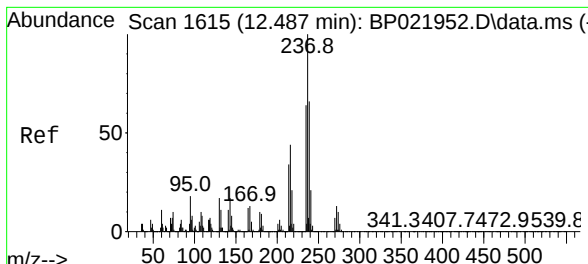
216 100

214 78.0 62.8 94.2

179 20.4 16.4 24.6

108 17.1 12.2 18.2

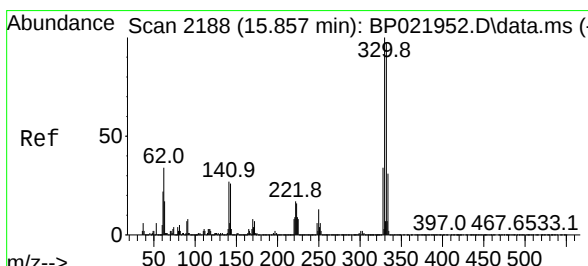
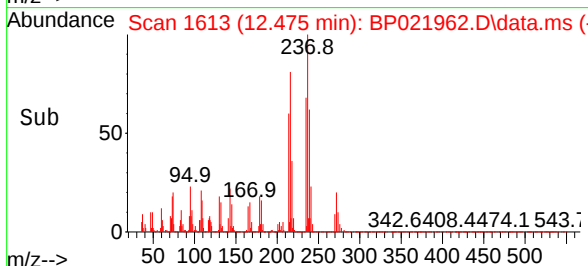
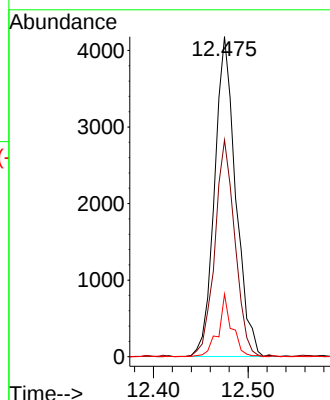
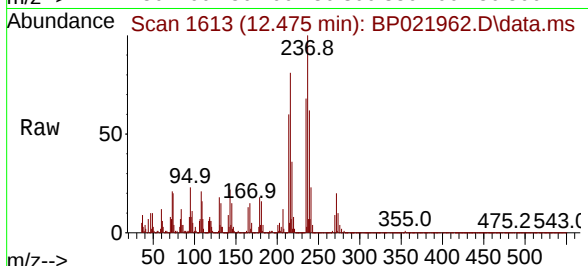




#41
Hexachlorocyclopentadiene
Concen: 2.460 ng
RT: 12.475 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

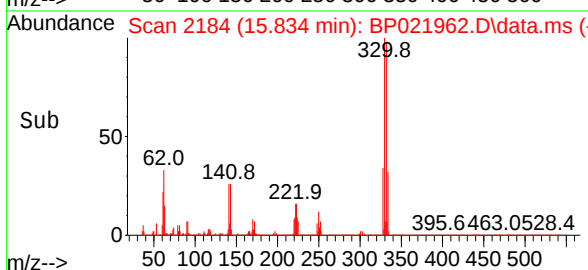
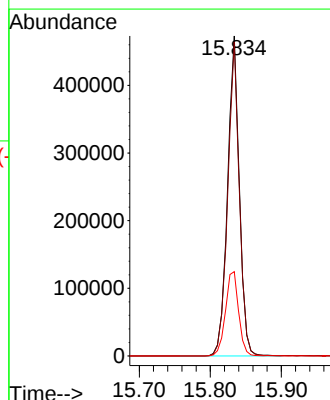
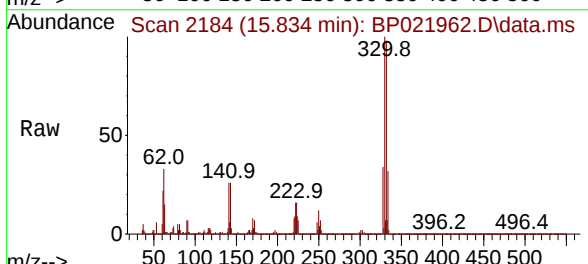
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

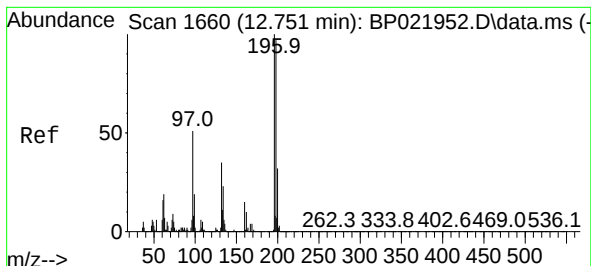
Tgt Ion:	237	Resp:	6492
Ion	Ratio	Lower	Upper
237	100		
235	67.7	44.1	84.1
272	19.5	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 144.026 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.023 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:	330	Resp:	542111
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	29.5	23.4	35.0





#43

2,4,6-Trichlorophenol

Concen: 3.485 ng

RT: 12.734 min Scan# 1657

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

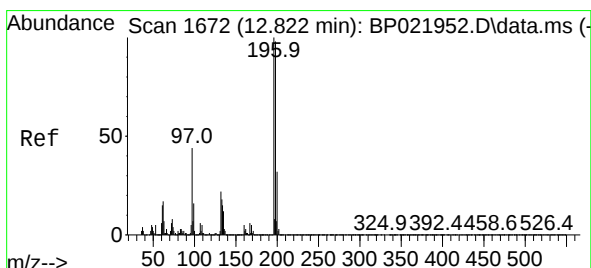
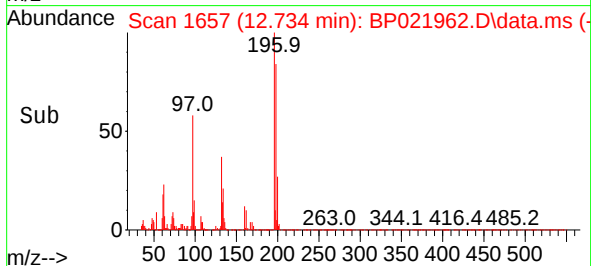
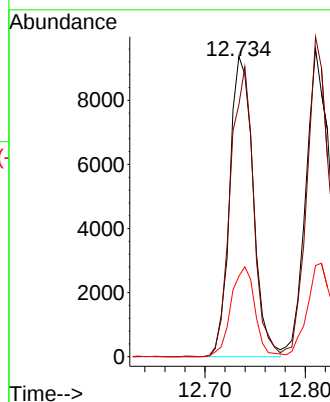
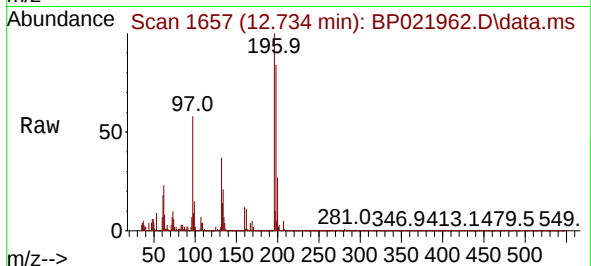
Tgt Ion:196 Resp: 15194

Ion Ratio Lower Upper

196 100

198 83.9 77.6 116.4

200 26.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 3.479 ng

RT: 12.810 min Scan# 1670

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Tgt Ion:196 Resp: 17014

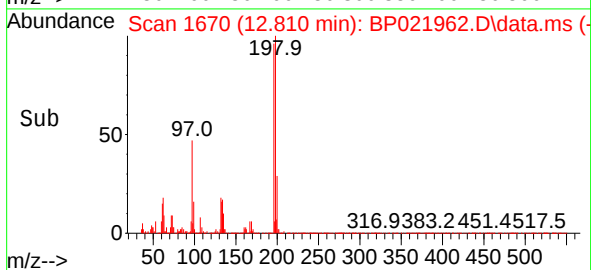
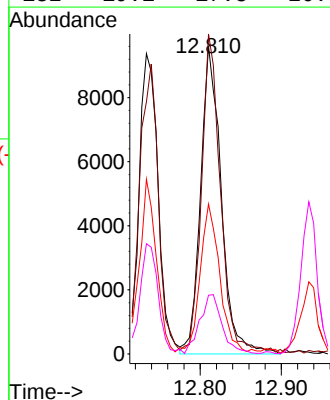
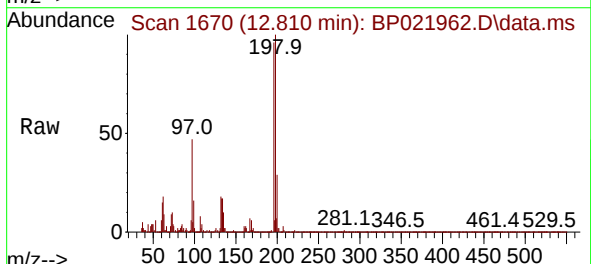
Ion Ratio Lower Upper

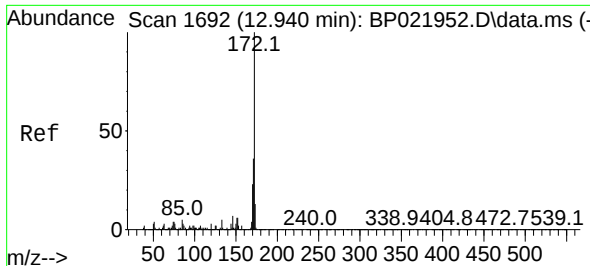
196 100

198 103.9 78.2 117.4

97 48.7 35.0 52.4

132 19.1 17.8 26.8

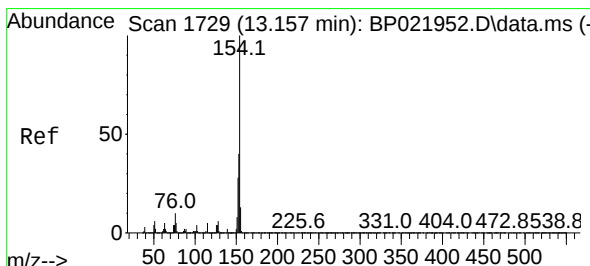
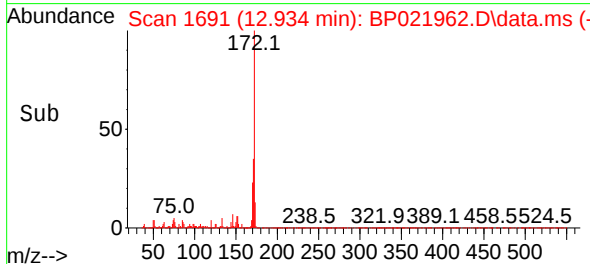
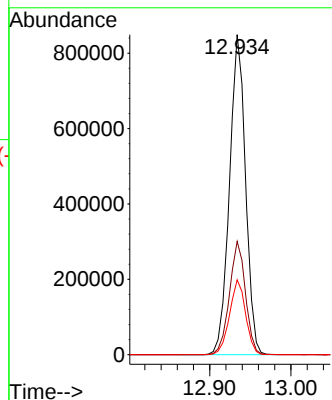
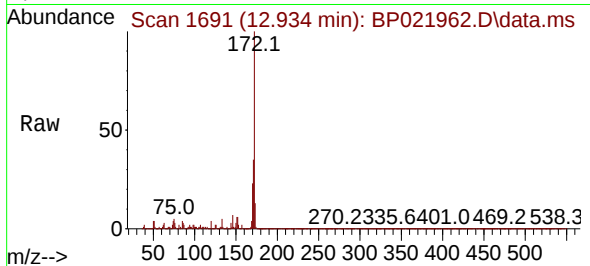




#45
2-Fluorobiphenyl
Concen: 83.796 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

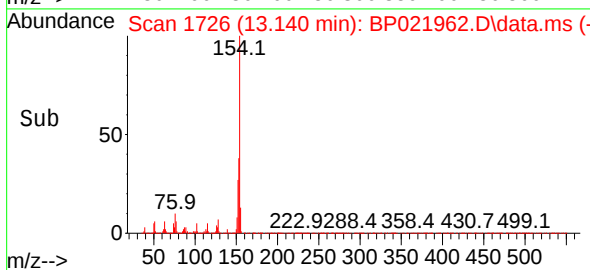
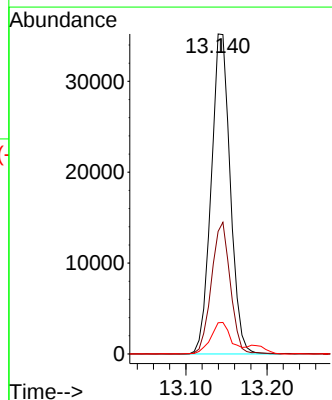
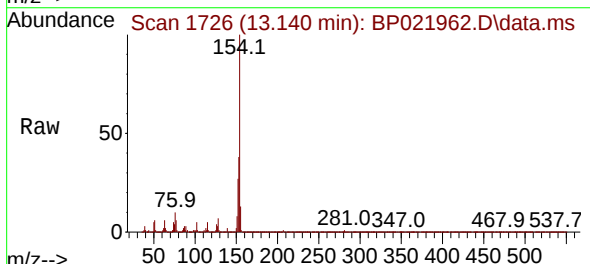
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

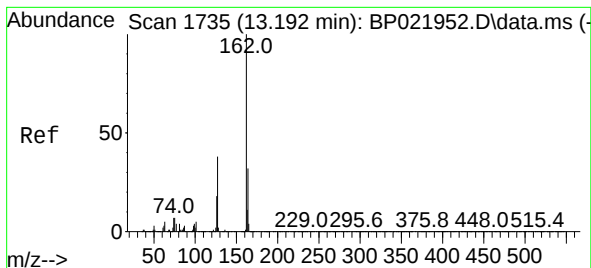
Tgt Ion:172 Resp: 1165481
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.149 ng
RT: 13.140 min Scan# 1726
Delta R.T. -0.018 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:154 Resp: 57443
Ion Ratio Lower Upper
154 100
153 38.3 20.2 60.2
76 9.8 0.0 29.9





#47

2-Chloronaphthalene

Concen: 3.700 ng

RT: 13.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

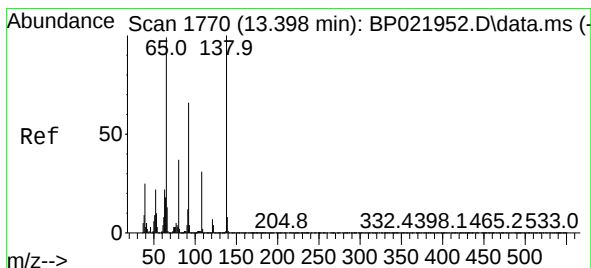
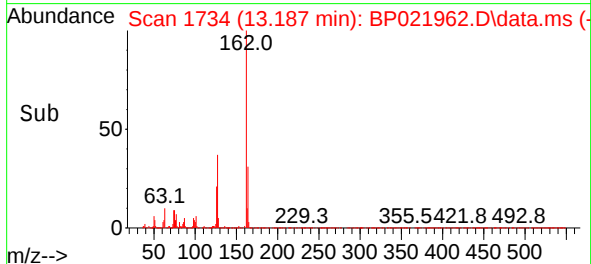
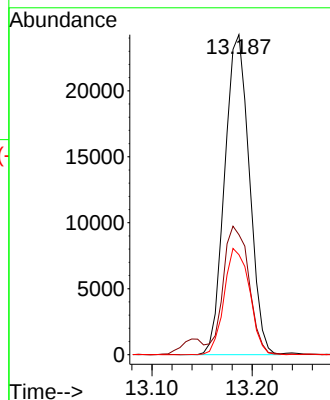
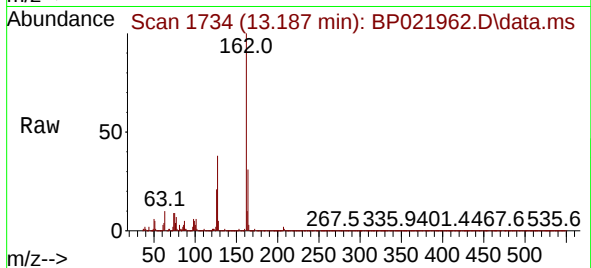
Tgt Ion:162 Resp: 41420

Ion Ratio Lower Upper

162 100

127 37.5 31.7 47.5

164 31.3 25.9 38.9



#48

2-Nitroaniline

Concen: 3.278 ng

RT: 13.381 min Scan# 1767

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

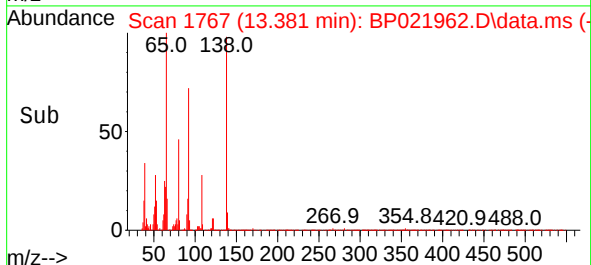
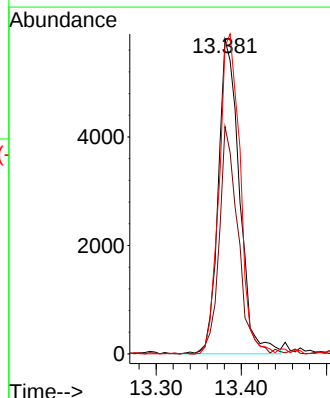
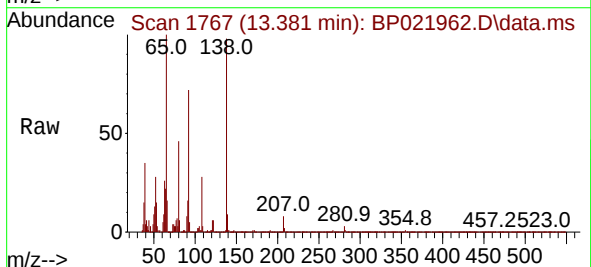
Tgt Ion: 65 Resp: 10019

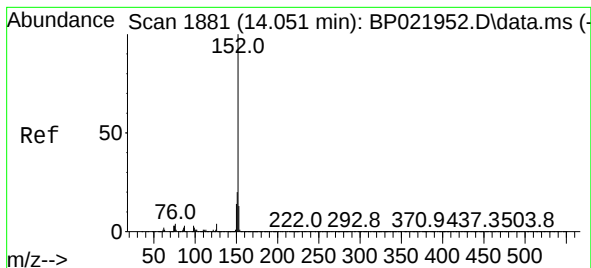
Ion Ratio Lower Upper

65 100

92 72.3 53.2 79.8

138 97.8 81.1 121.7





#49

Acenaphthylene

Concen: 3.963 ng

RT: 14.040 min Scan# 1881

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

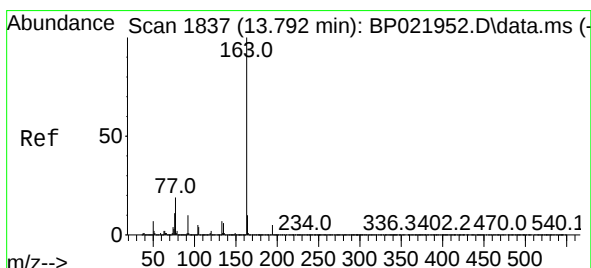
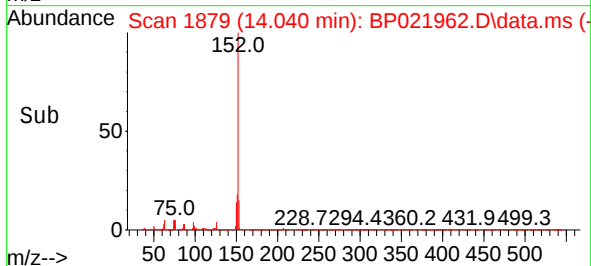
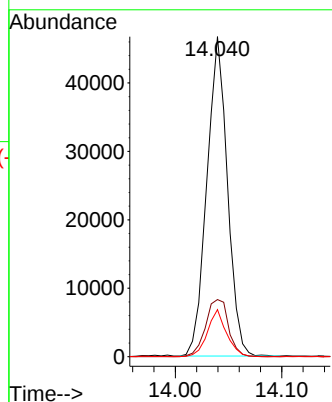
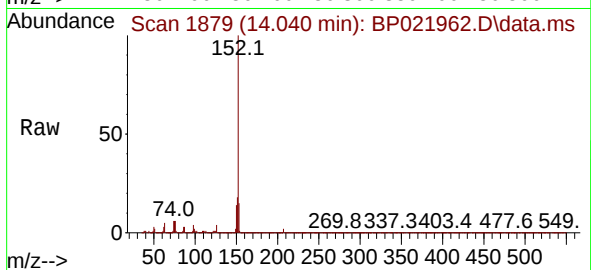
Tgt Ion:152 Resp: 62601

Ion Ratio Lower Upper

152 100

151 17.9 16.0 24.0

153 14.7 10.8 16.2



#50

Dimethylphthalate

Concen: 3.878 ng

RT: 13.769 min Scan# 1833

Delta R.T. -0.023 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

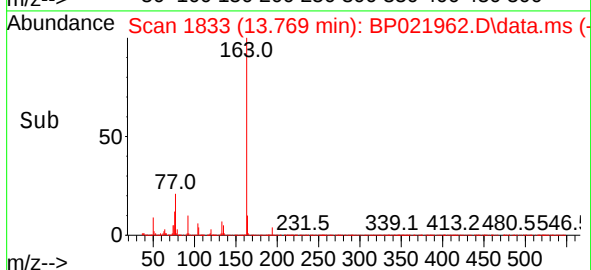
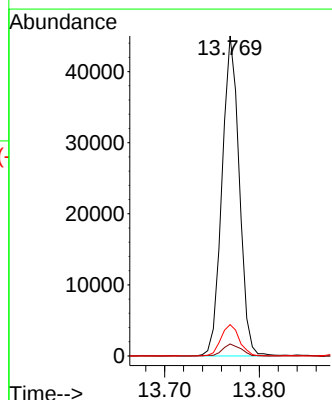
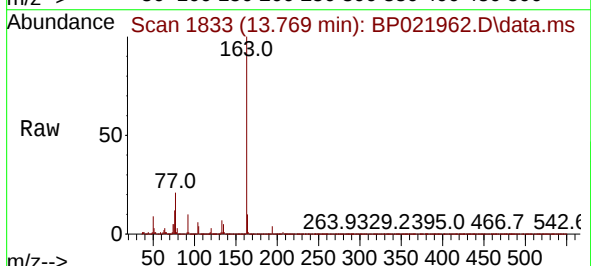
Tgt Ion:163 Resp: 57108

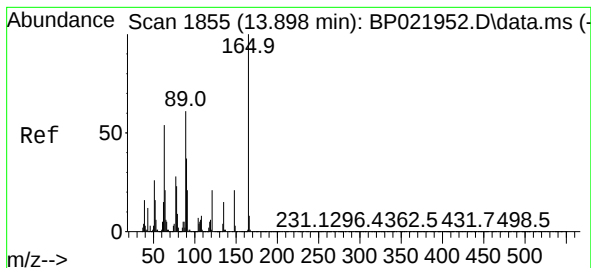
Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 3.288 ng

RT: 13.887 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

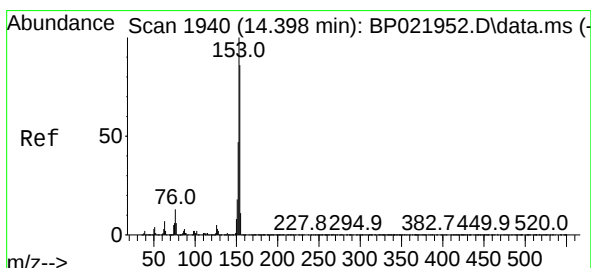
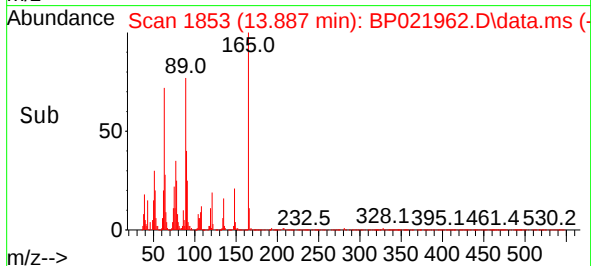
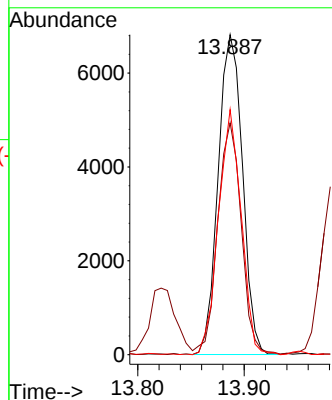
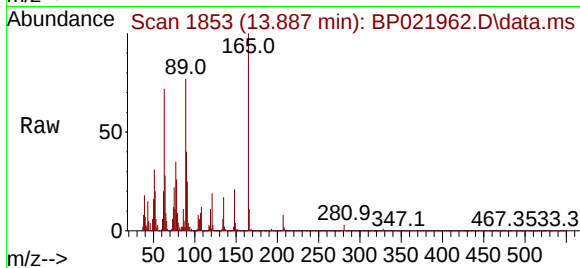
Tgt Ion:165 Resp: 10788

Ion Ratio Lower Upper

165 100

63 72.5 46.4 69.6#

89 76.6 48.5 72.7#



#52

Acenaphthene

Concen: 3.858 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

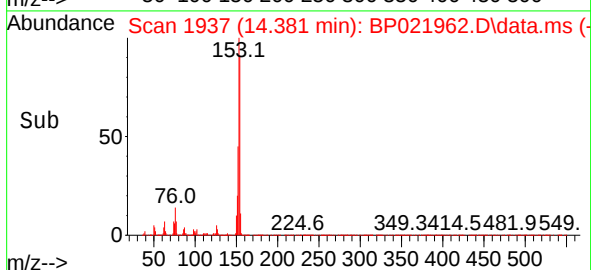
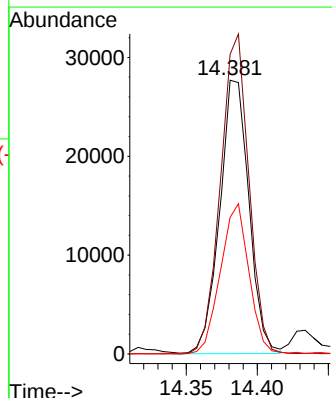
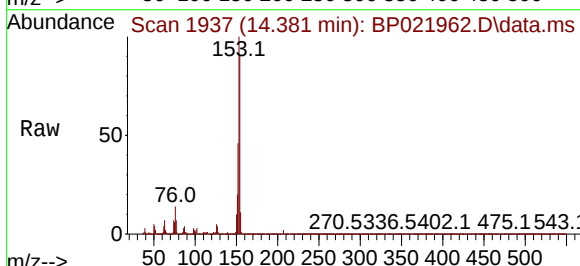
Tgt Ion:154 Resp: 39660

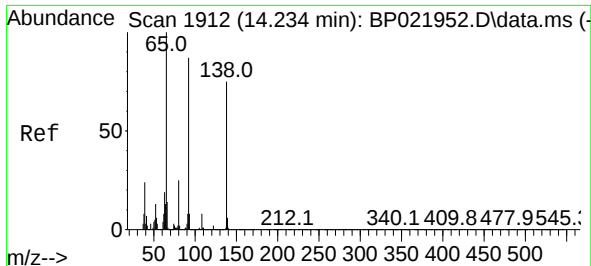
Ion Ratio Lower Upper

154 100

153 109.4 92.7 139.1

152 49.9 43.6 65.4

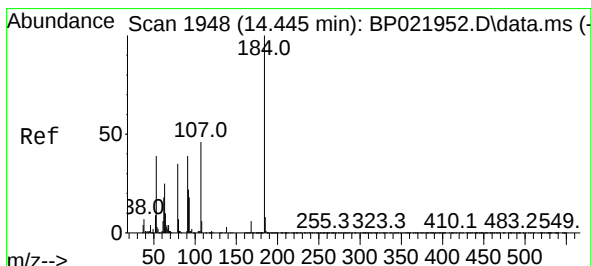
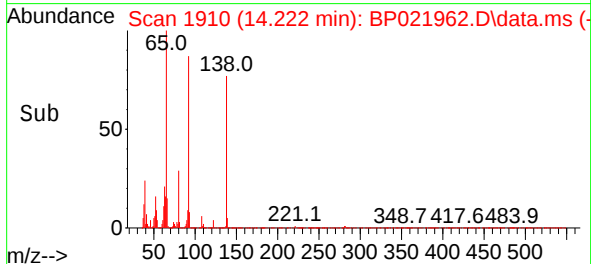
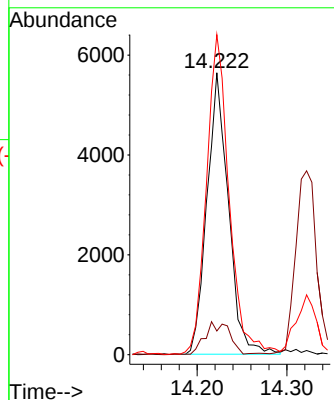
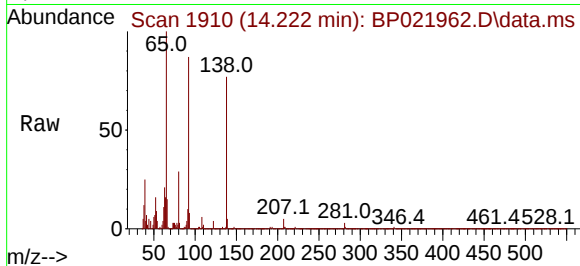




#53
3-Nitroaniline
Concen: 3.204 ng
RT: 14.222 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

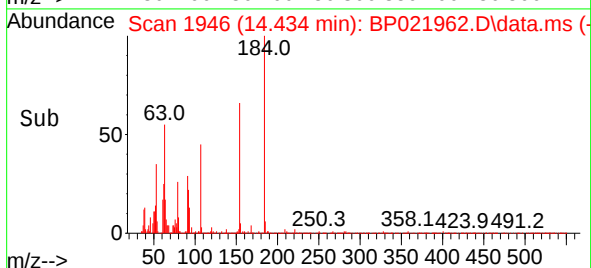
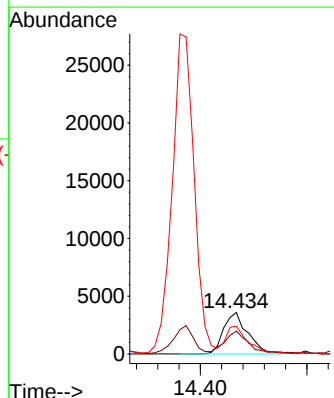
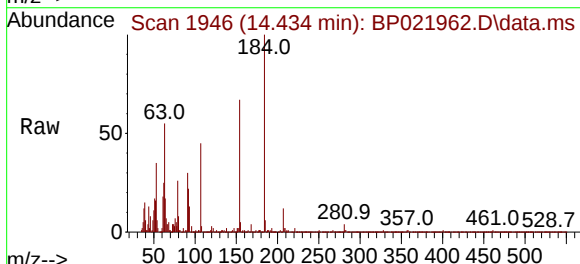
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

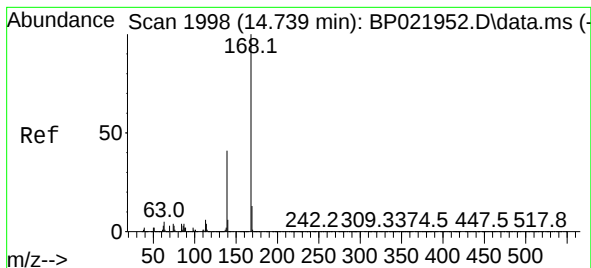
Tgt Ion:138 Resp: 9369
Ion Ratio Lower Upper
138 100
108 8.4 9.0 13.4#
92 113.5 92.8 139.2



#54
2,4-Dinitrophenol
Concen: 2.926 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:184 Resp: 5626
Ion Ratio Lower Upper
184 100
63 55.2 49.0 73.6
154 66.7 58.1 87.1





#55

Dibenzofuran

Concen: 3.976 ng

RT: 14.722 min Scan# 1995

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

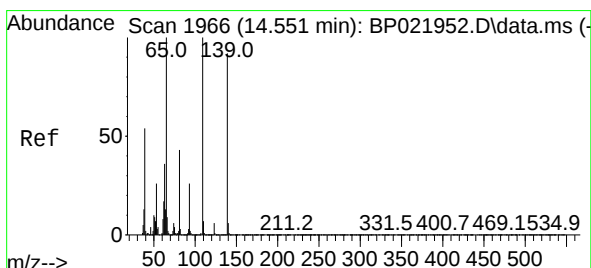
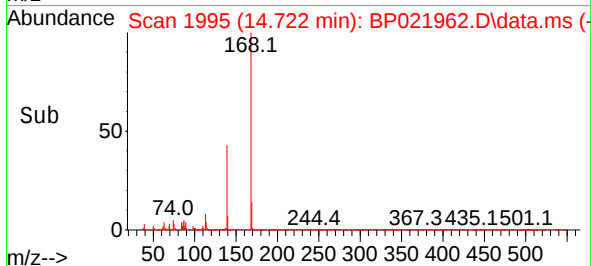
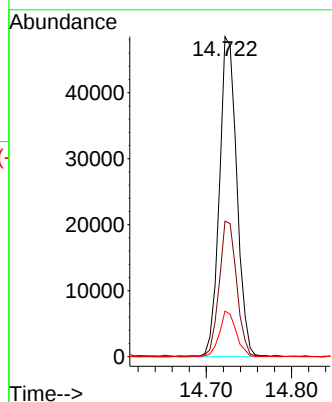
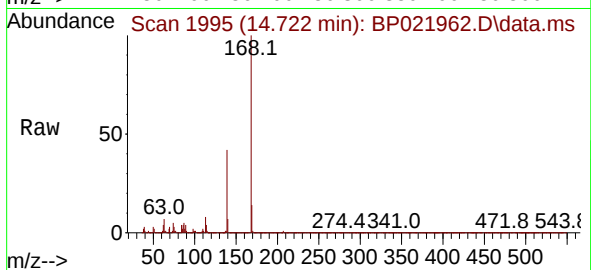
Tgt Ion:168 Resp: 68701

Ion Ratio Lower Upper

168 100

139 42.4 33.0 49.4

169 14.2 10.7 16.1



#56

4-Nitrophenol

Concen: 3.003 ng

RT: 14.545 min Scan# 1965

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

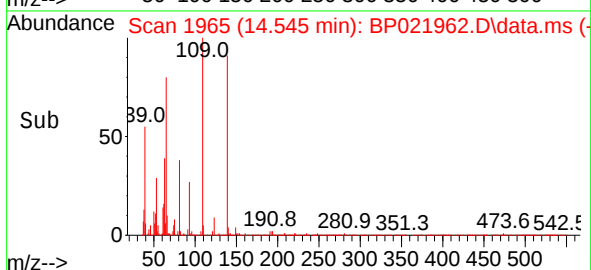
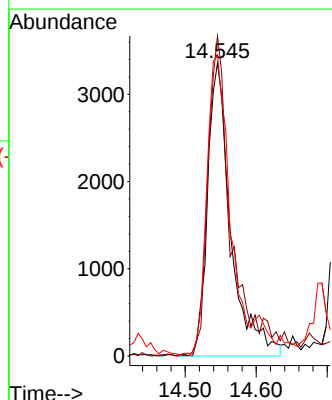
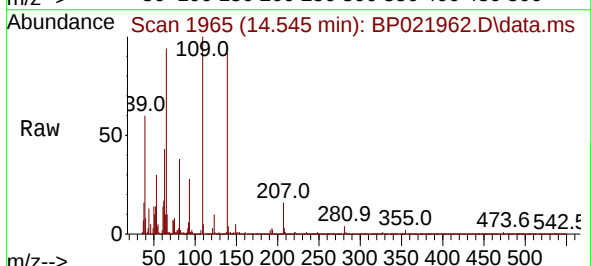
Tgt Ion:139 Resp: 7643

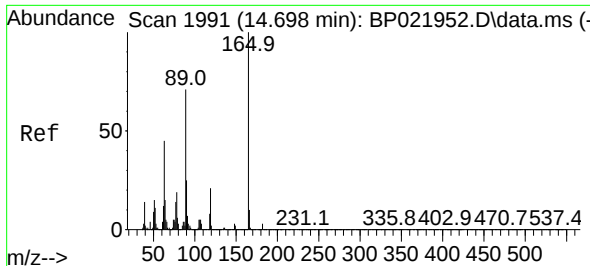
Ion Ratio Lower Upper

139 100

109 109.2 88.6 128.6

65 102.8 88.7 128.7

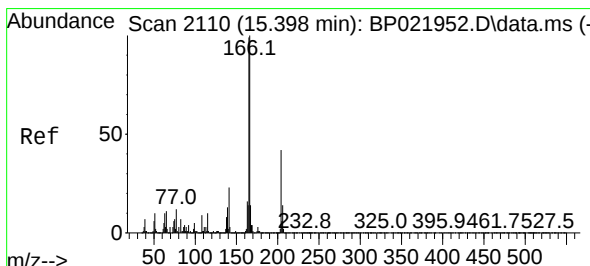
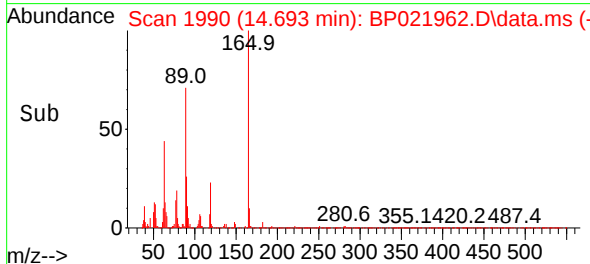
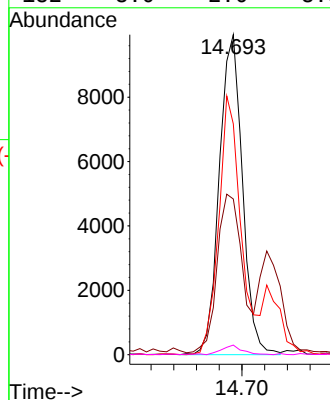
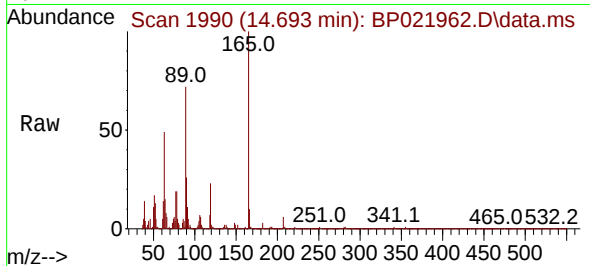




#57
2,4-Dinitrotoluene
Concen: 3.030 ng
RT: 14.693 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

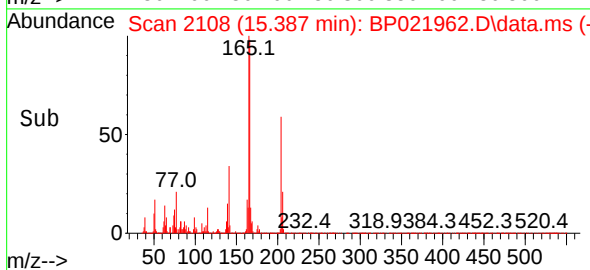
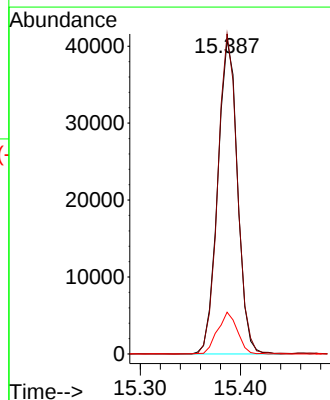
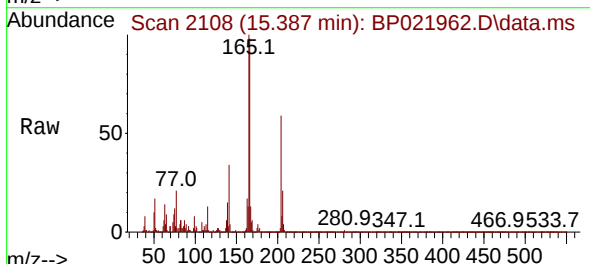
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

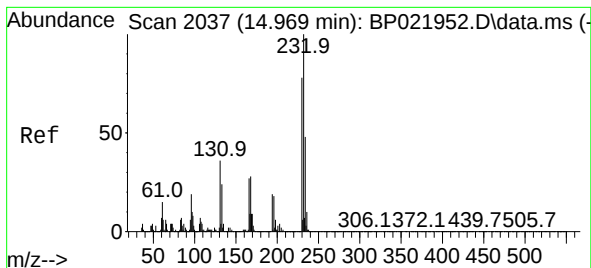
Tgt Ion:165	Resp:	14054
Ion Ratio	Lower	Upper
165	100	
63	48.7	36.3 54.5
89	72.1	57.2 85.8
182	3.0	2.6 3.8



#58
Fluorene
Concen: 3.884 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:166	Resp:	56041
Ion Ratio	Lower	Upper
166	100	
165	101.8	79.4 119.2
167	13.3	10.9 16.3

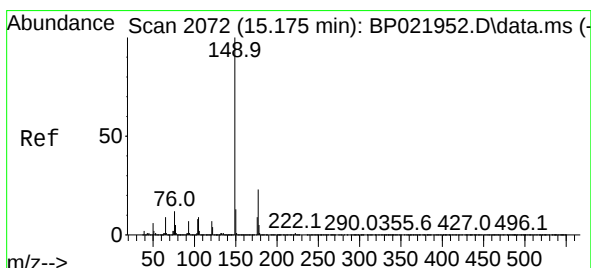
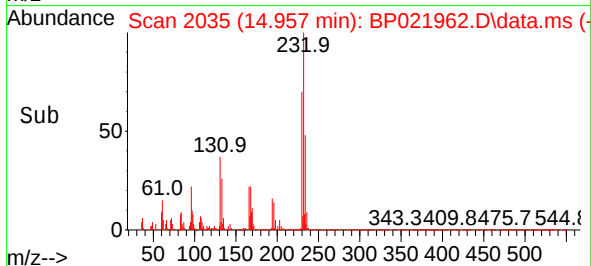
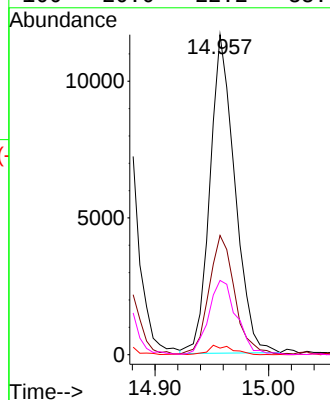
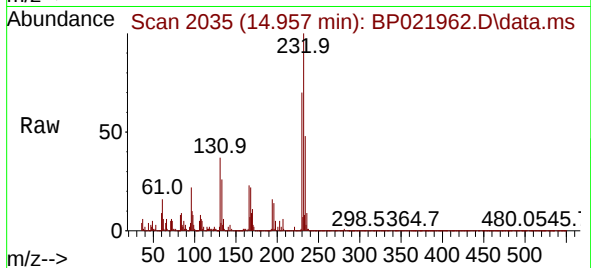




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.764 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

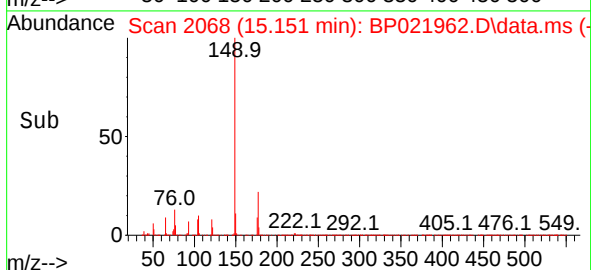
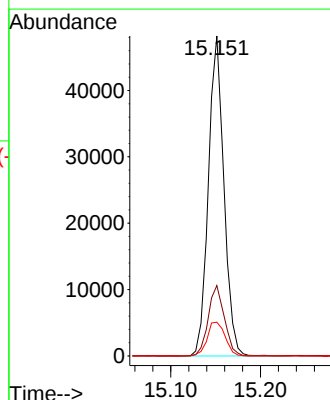
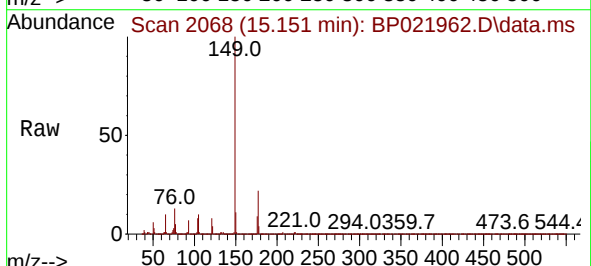
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

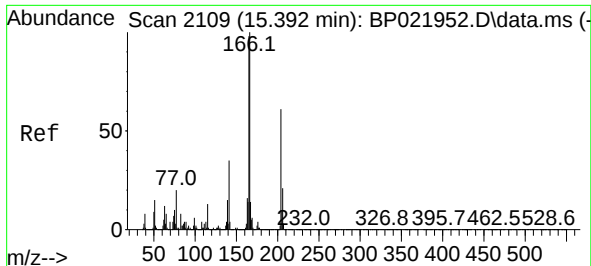
Tgt Ion:	232	Resp:	17767
Ion Ratio	Lower	Upper	
232	100		
131	38.1	30.2	45.4
130	3.0	1.9	2.9
166	26.0	22.2	33.4



#60
Diethylphthalate
Concen: 3.866 ng
RT: 15.151 min Scan# 2068
Delta R.T. -0.023 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:	149	Resp:	57852
Ion Ratio	Lower	Upper	
149	100		
177	22.0	18.2	27.4
150	10.6	10.1	15.1

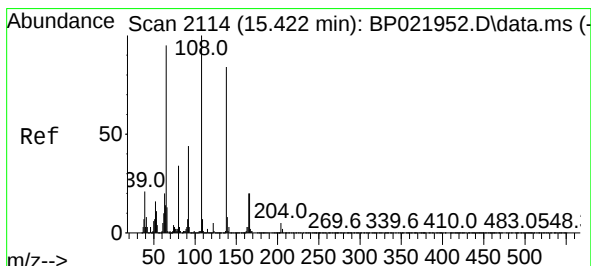
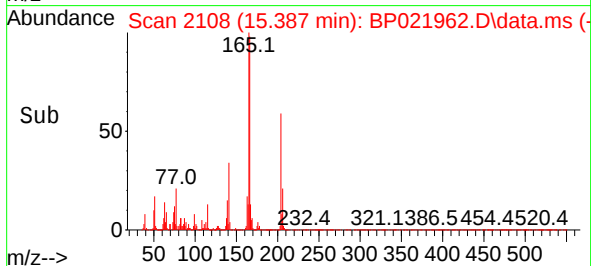
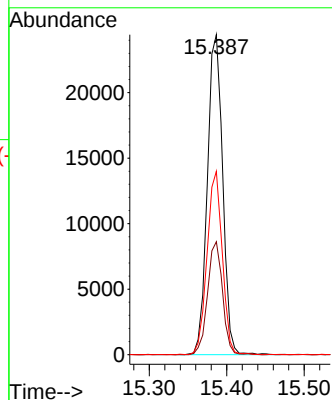
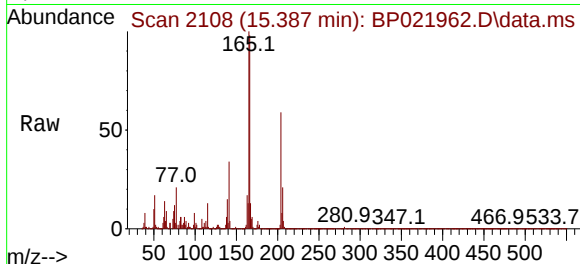




#61
4-Chlorophenyl-phenylether
Concen: 3.974 ng
RT: 15.387 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

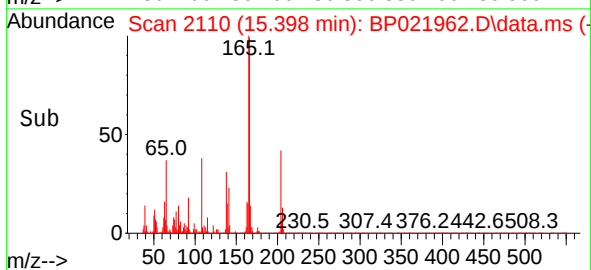
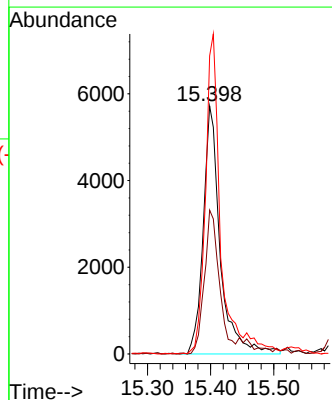
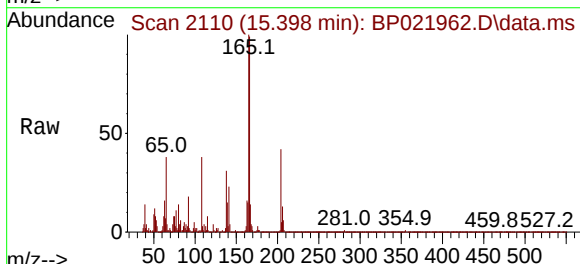
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

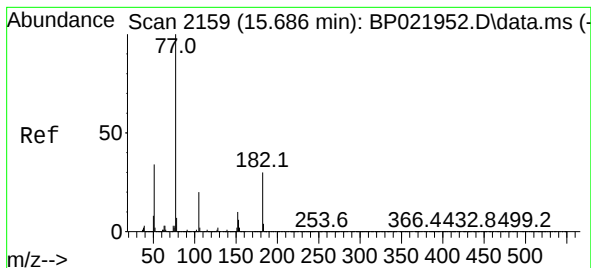
Tgt Ion:204 Resp: 33384
Ion Ratio Lower Upper
204 100
206 35.3 27.3 40.9
141 57.3 45.7 68.5



#62
4-Nitroaniline
Concen: 3.334 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.023 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:138 Resp: 10721
Ion Ratio Lower Upper
138 100
92 58.0 32.6 72.6
108 120.2 98.6 138.6





#63

Azobenzene

Concen: 3.838 ng

RT: 15.681 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 77 Resp: 47523

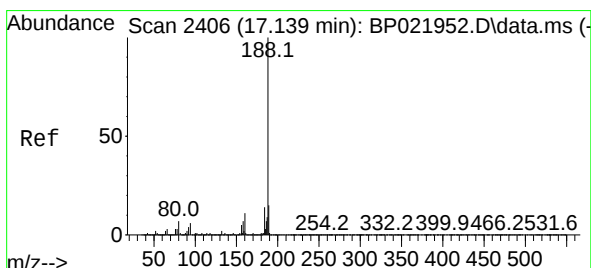
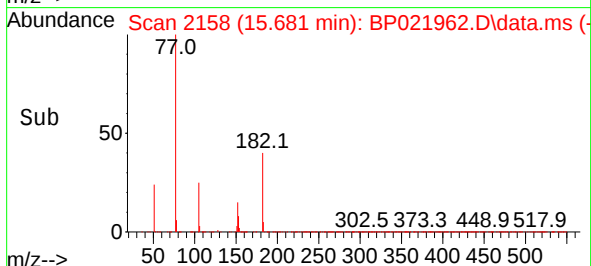
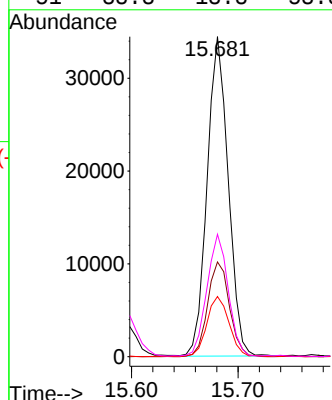
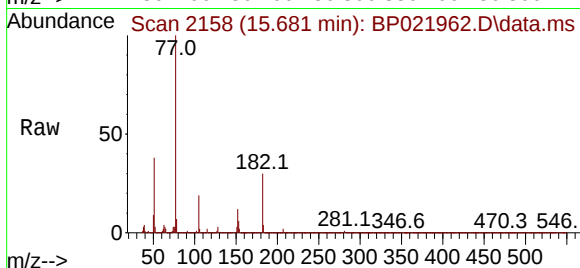
Ion Ratio Lower Upper

77 100

182 29.6 9.6 49.6

105 18.8 0.0 39.8

51 38.3 13.8 53.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.122 min Scan# 2403

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

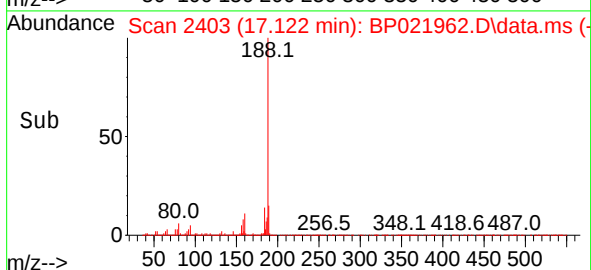
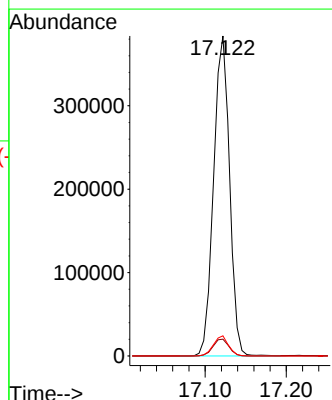
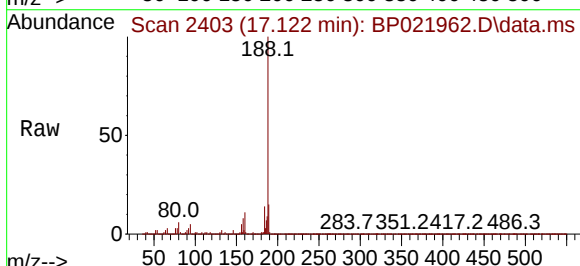
Tgt Ion: 188 Resp: 523328

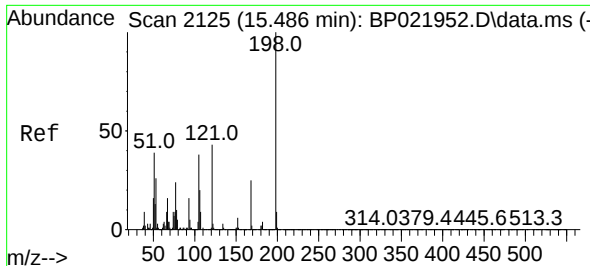
Ion Ratio Lower Upper

188 100

94 5.3 4.6 6.8

80 6.3 5.4 8.2

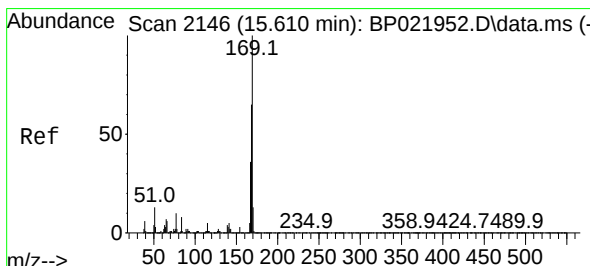
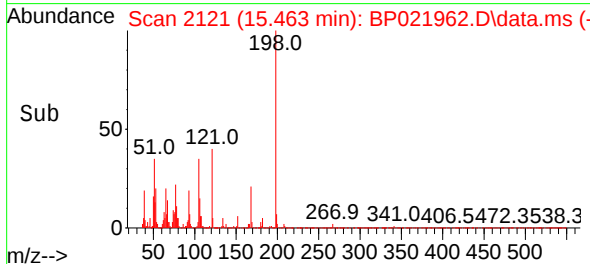
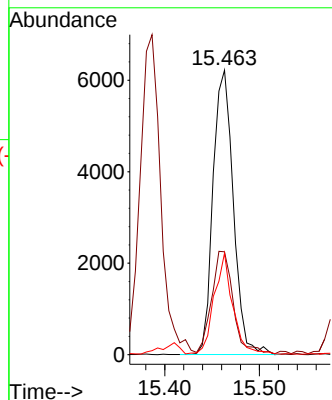
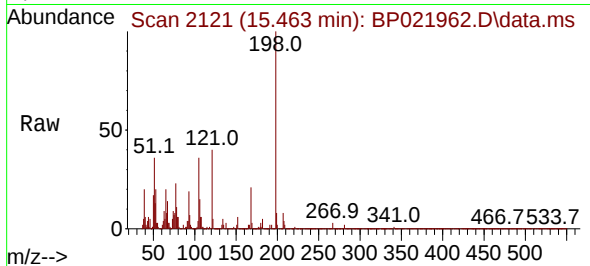




#65
4,6-Dinitro-2-methylphenol
Concen: 3.057 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.023 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

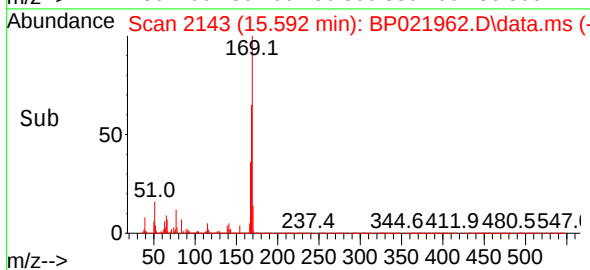
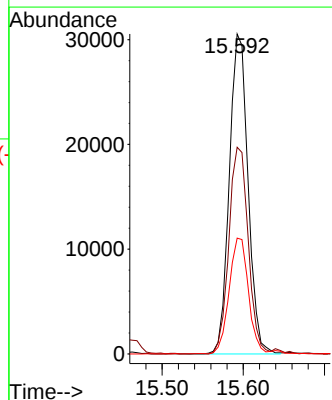
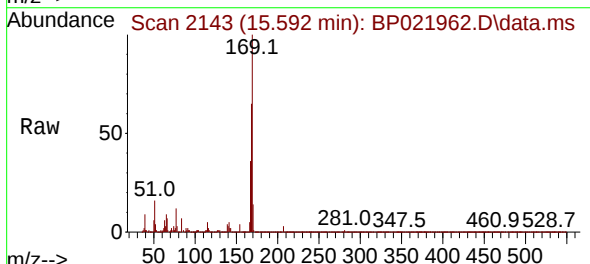
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

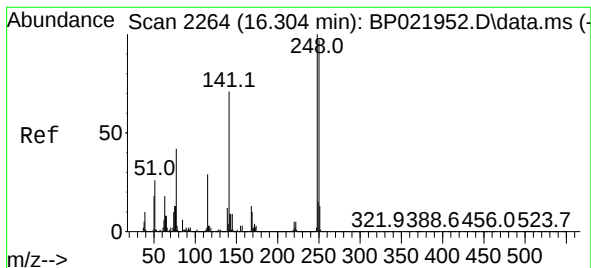
Tgt Ion:198 Resp: 9273
Ion Ratio Lower Upper
198 100
51 36.2 20.7 60.7
105 35.8 18.4 58.4



#66
n-Nitrosodiphenylamine
Concen: 3.745 ng
RT: 15.592 min Scan# 2143
Delta R.T. -0.018 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:169 Resp: 48798
Ion Ratio Lower Upper
169 100
168 64.6 52.2 78.4
167 36.2 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 3.755 ng

RT: 16.298 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

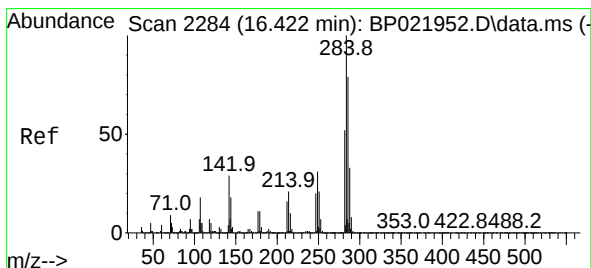
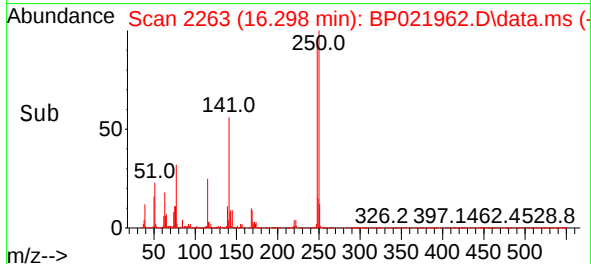
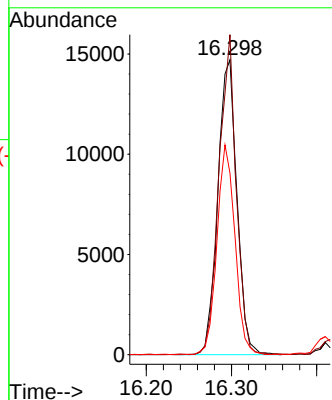
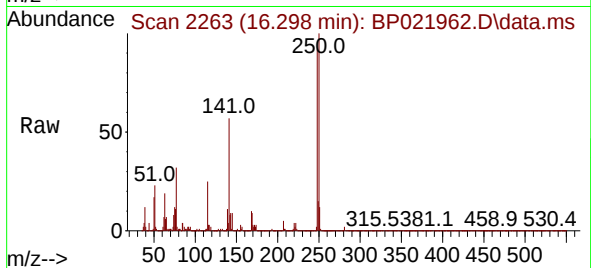
Tgt Ion:248 Resp: 22905

Ion Ratio Lower Upper

248 100

250 108.5 77.5 116.3

141 61.6 56.5 84.7



#68

Hexachlorobenzene

Concen: 3.695 ng

RT: 16.410 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

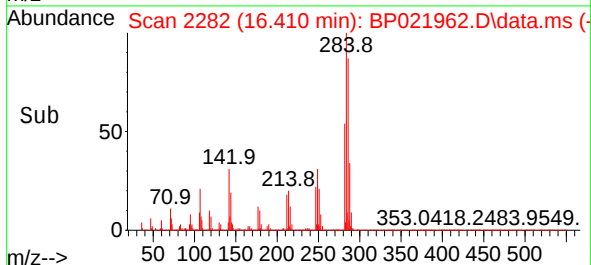
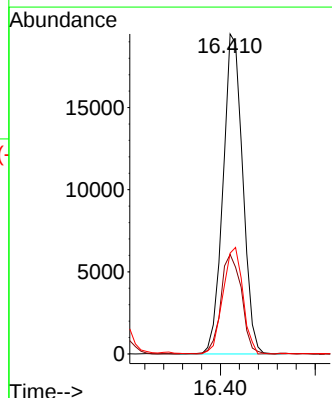
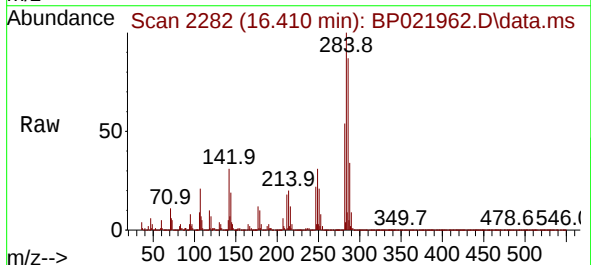
Tgt Ion:284 Resp: 28106

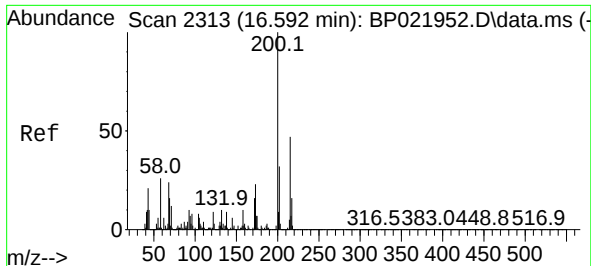
Ion Ratio Lower Upper

284 100

142 31.1 22.9 34.3

249 31.5 25.2 37.8

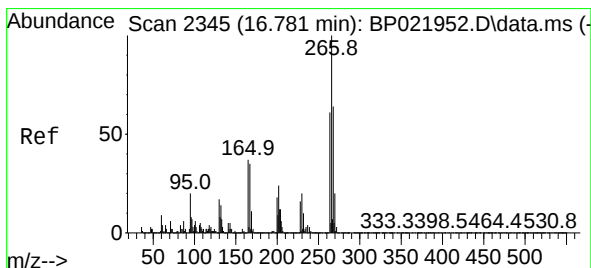
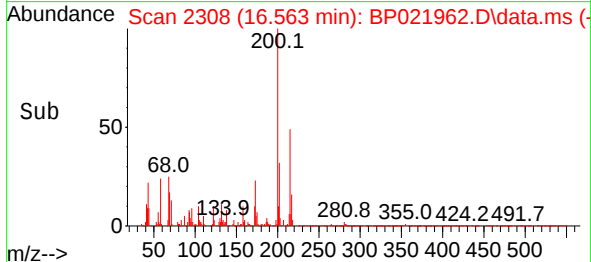
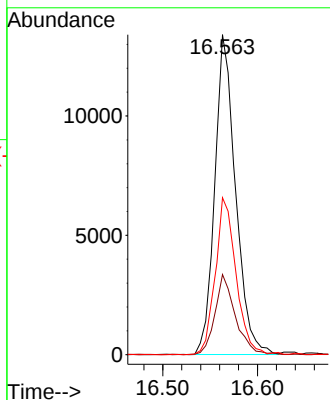
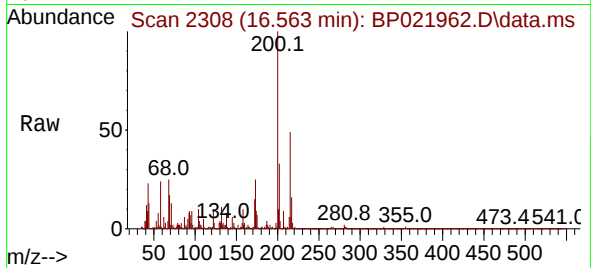




#69
 Atrazine
 Concen: 4.385 ng
 RT: 16.563 min Scan# 2308
 Delta R.T. -0.029 min
 Lab File: BP021962.D
 Acq: 20 Sep 2024 11:08

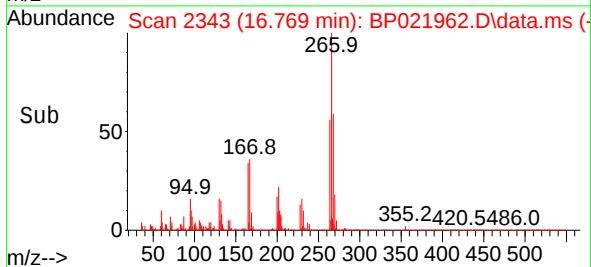
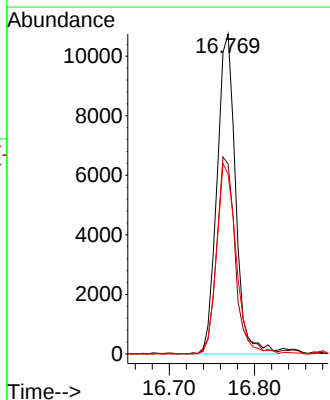
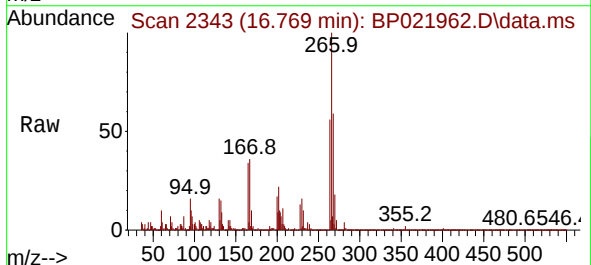
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

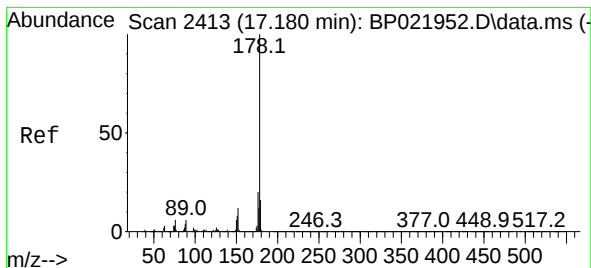
Tgt Ion:200 Resp: 20472
 Ion Ratio Lower Upper
 200 100
 173 25.0 3.0 43.0
 215 49.1 27.4 67.4



#70
 Pentachlorophenol
 Concen: 3.184 ng
 RT: 16.769 min Scan# 2343
 Delta R.T. -0.012 min
 Lab File: BP021962.D
 Acq: 20 Sep 2024 11:08

Tgt Ion:266 Resp: 16294
 Ion Ratio Lower Upper
 266 100
 268 59.4 51.1 76.7
 264 56.2 48.6 72.8





#71

Phenanthrene

Concen: 3.931 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

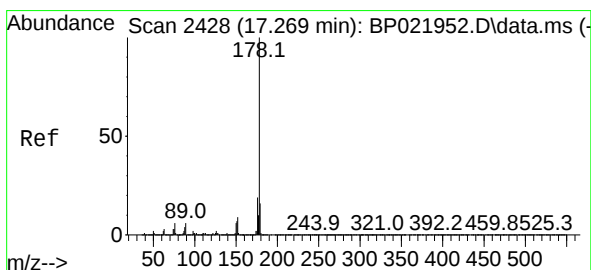
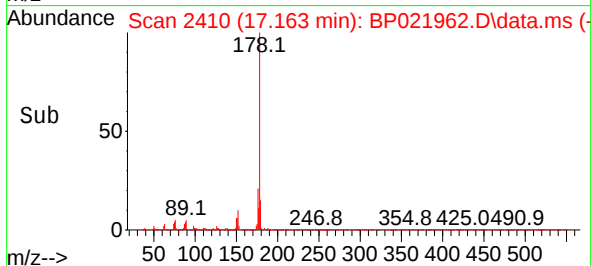
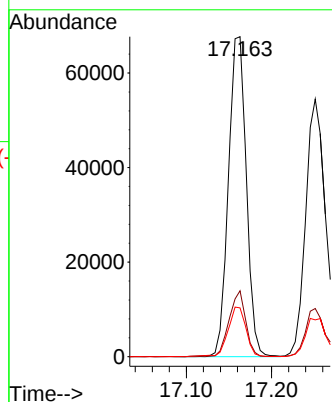
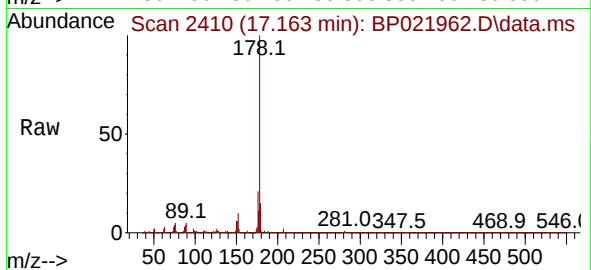
Tgt Ion:178 Resp: 98742

Ion Ratio Lower Upper

178 100

176 20.6 15.9 23.9

179 15.3 12.5 18.7



#72

Anthracene

Concen: 3.676 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

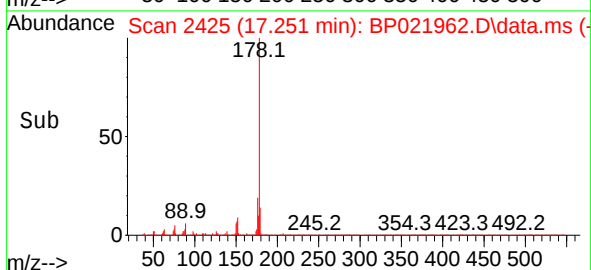
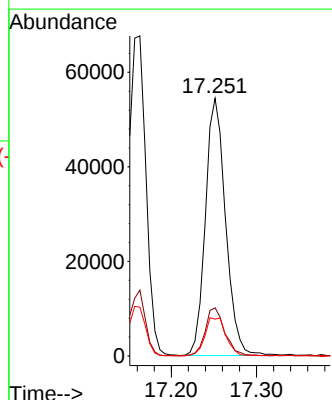
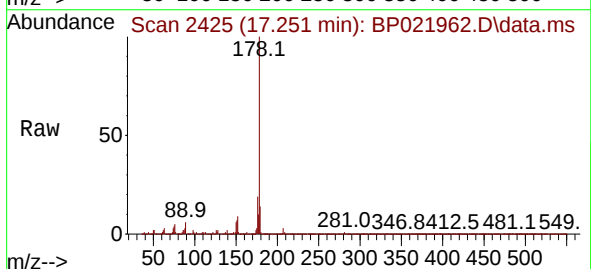
Tgt Ion:178 Resp: 89397

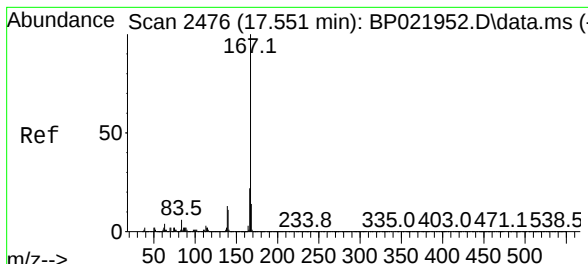
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

179 14.3 12.6 18.8

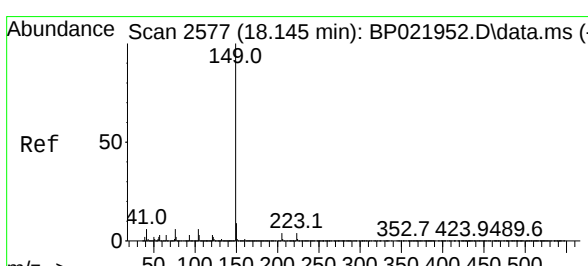
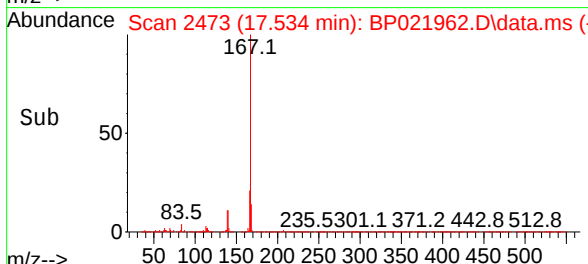
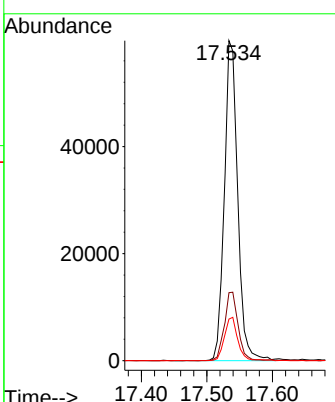
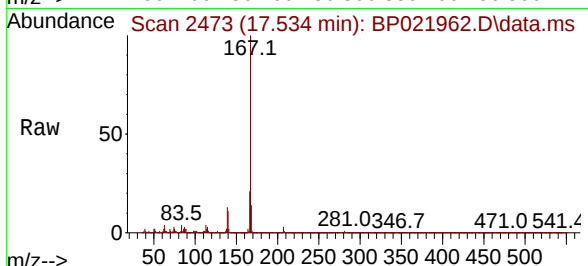




#73
 Carbazole
 Concen: 3.596 ng
 RT: 17.534 min Scan# 2473
 Delta R.T. -0.018 min
 Lab File: BP021962.D
 Acq: 20 Sep 2024 11:08

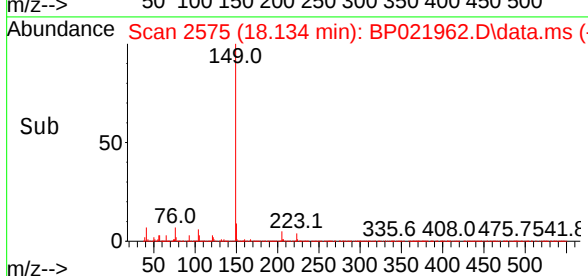
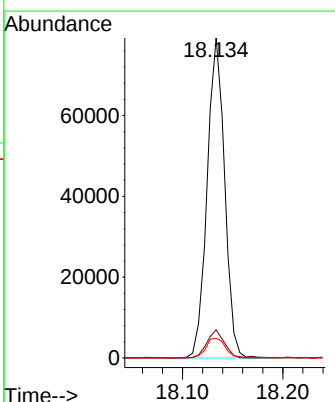
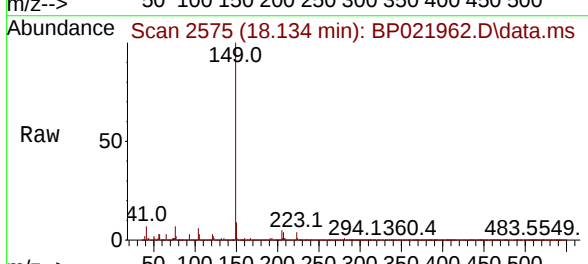
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

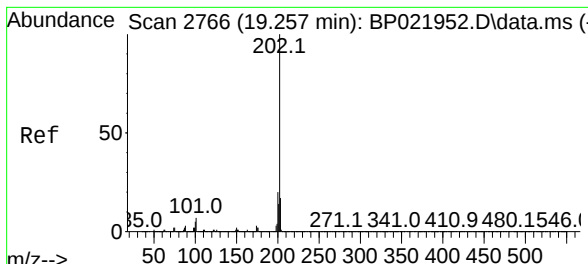
Tgt Ion:	167	Resp:	84456
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.4	26.0
139	13.0	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 3.480 ng
 RT: 18.134 min Scan# 2575
 Delta R.T. -0.012 min
 Lab File: BP021962.D
 Acq: 20 Sep 2024 11:08

Tgt Ion:	149	Resp:	96007
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.3	10.9
104	6.2	4.6	6.8

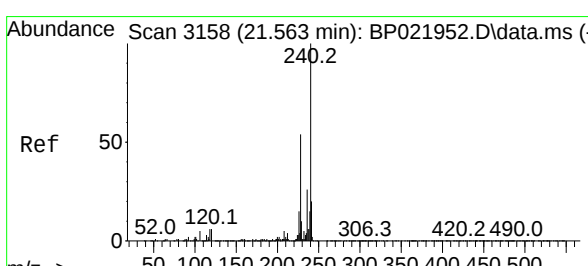
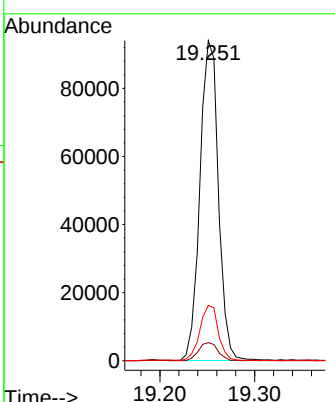
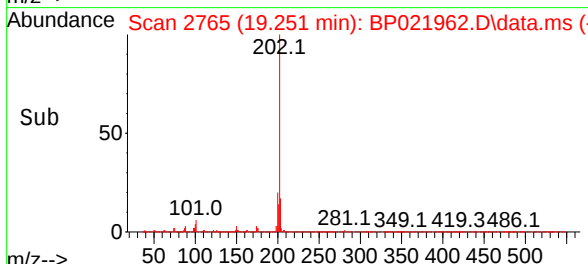
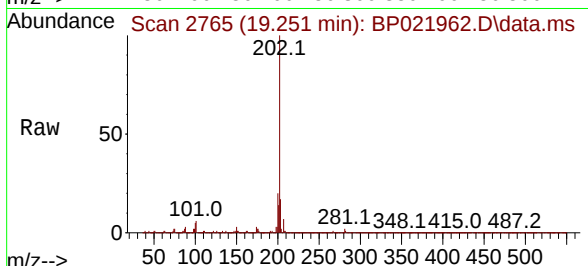




#75
 Fluoranthene
 Concen: 3.632 ng
 RT: 19.251 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021962.D
 Acq: 20 Sep 2024 11:08

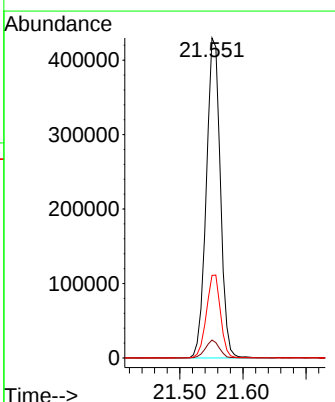
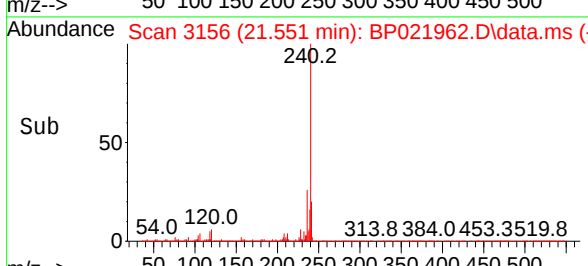
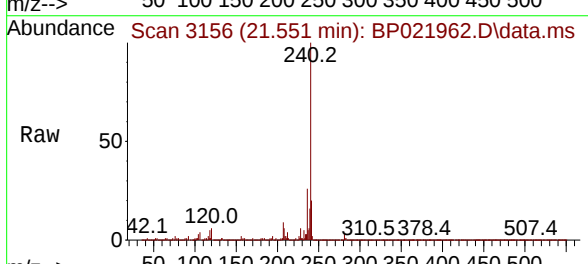
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

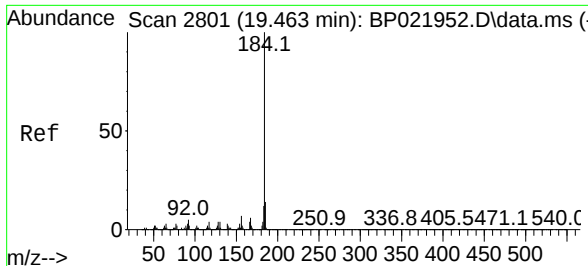
Tgt Ion:	202	Resp:	127356
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	26.5
203	17.3	0.0	37.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.551 min Scan# 3156
 Delta R.T. -0.012 min
 Lab File: BP021962.D
 Acq: 20 Sep 2024 11:08

Tgt Ion:	240	Resp:	661687
Ion Ratio	Lower	Upper	
240	100		
120	5.6	5.1	7.7
236	25.8	20.7	31.1

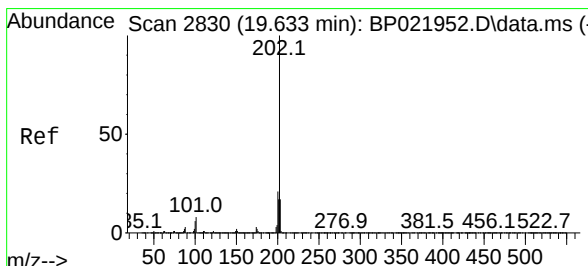
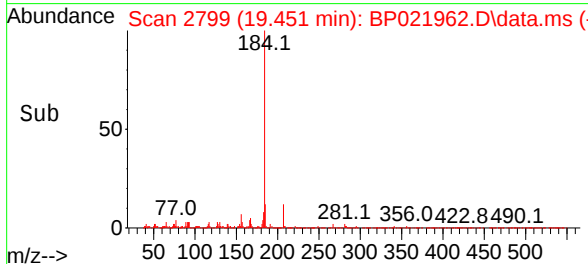
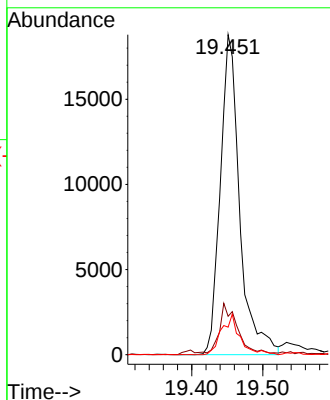
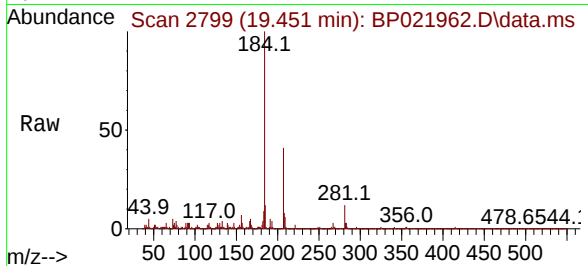




#77
Benzidine
Concen: 4.391 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

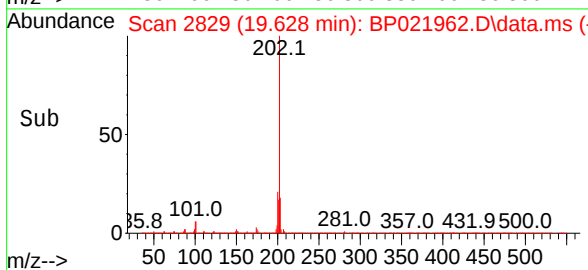
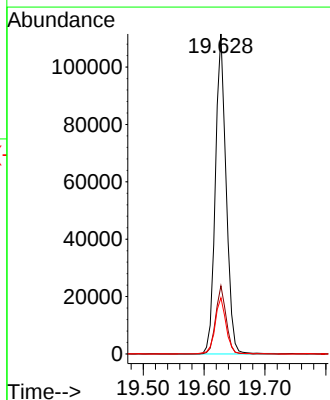
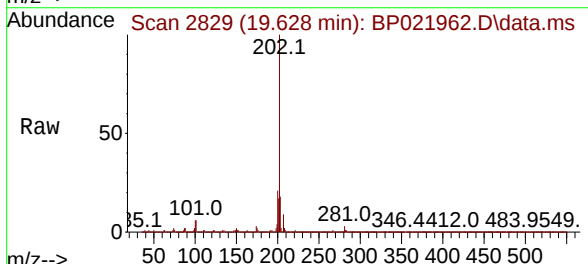
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

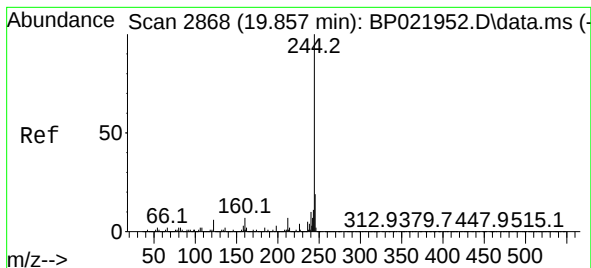
Tgt Ion:184 Resp: 35508
Ion Ratio Lower Upper
184 100
185 12.0 10.9 16.3
183 8.6 9.2 13.8#



#78
Pyrene
Concen: 3.409 ng
RT: 19.628 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:202 Resp: 136449
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 74.500 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

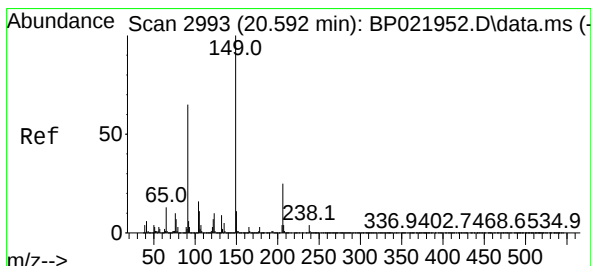
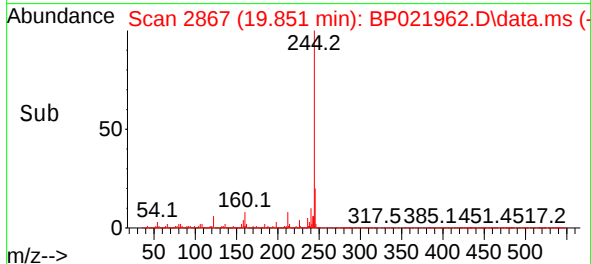
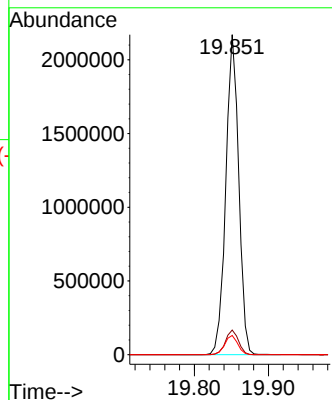
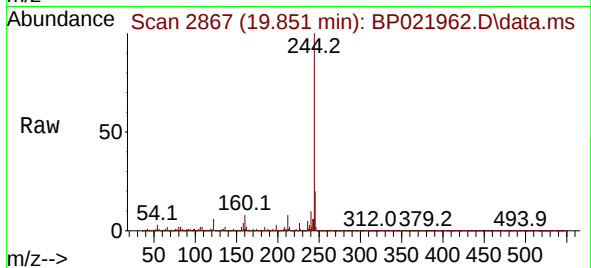
Tgt Ion:244 Resp: 2624220

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 6.0 5.0 7.4



#80

Butylbenzylphthalate

Concen: 3.160 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

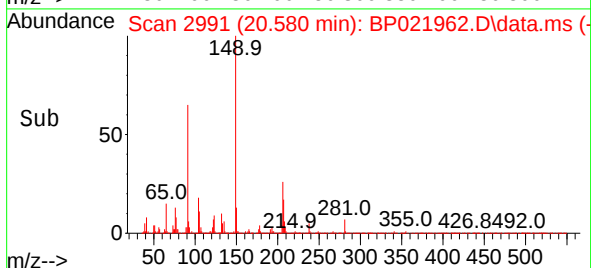
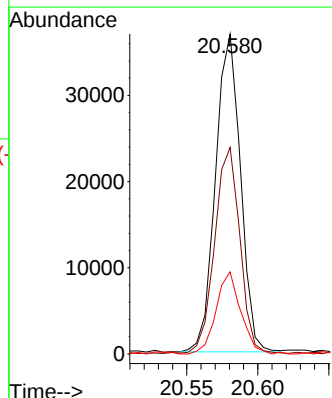
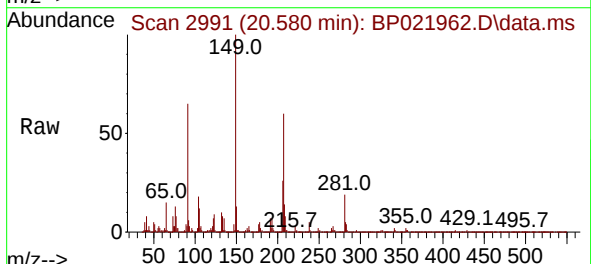
Tgt Ion:149 Resp: 45114

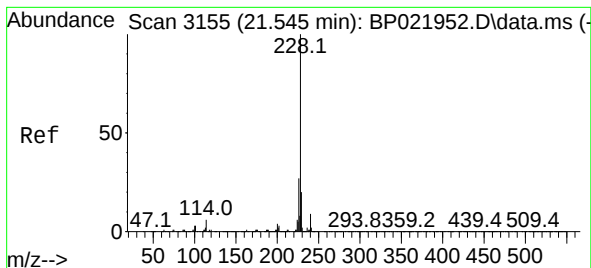
Ion Ratio Lower Upper

149 100

91 64.5 51.9 77.9

206 25.7 20.1 30.1





#81

Benzo(a)anthracene

Concen: 3.775 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

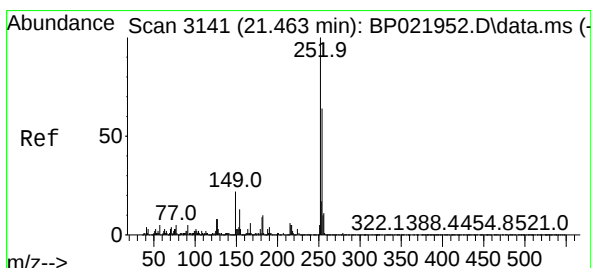
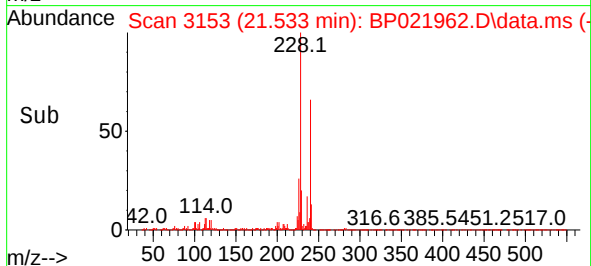
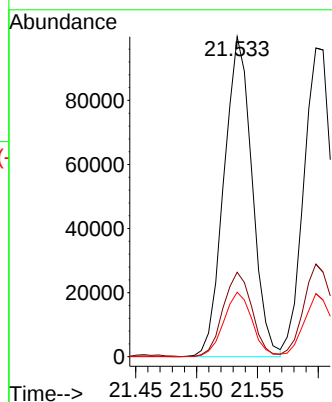
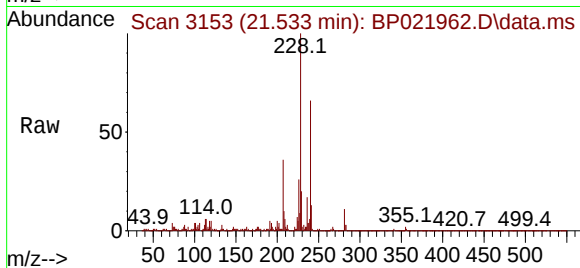
Tgt Ion:228 Resp: 160494

Ion Ratio Lower Upper

228 100

226 26.4 21.5 32.3

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 3.502 ng

RT: 21.457 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

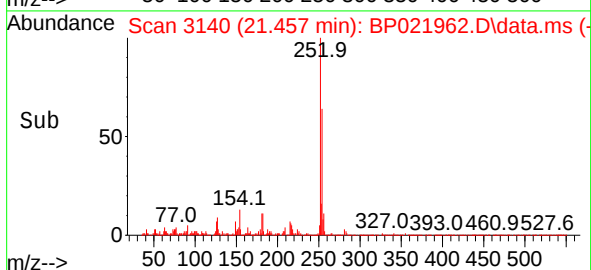
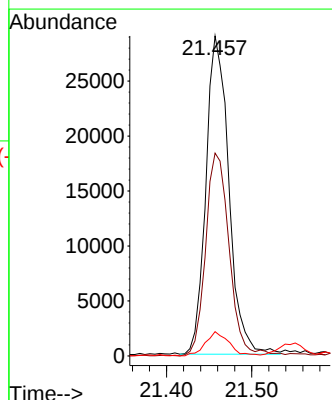
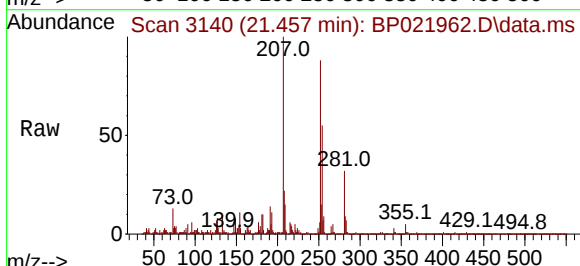
Tgt Ion:252 Resp: 54025

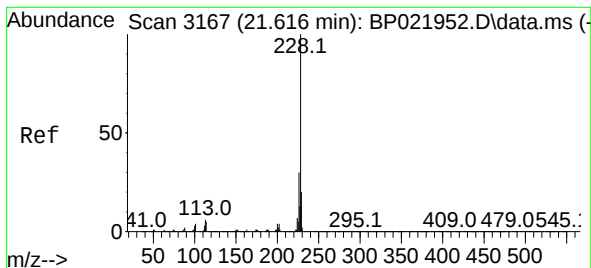
Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

126 7.6 6.2 9.4





#83

Chrysene

Concen: 3.938 ng

RT: 21.598 min Scan# 3167

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

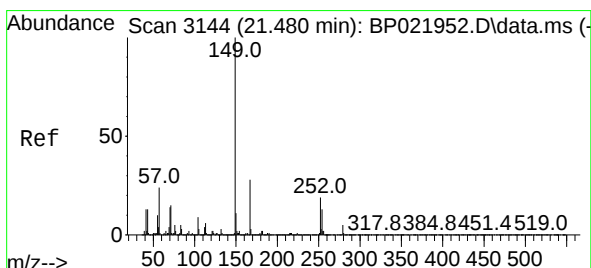
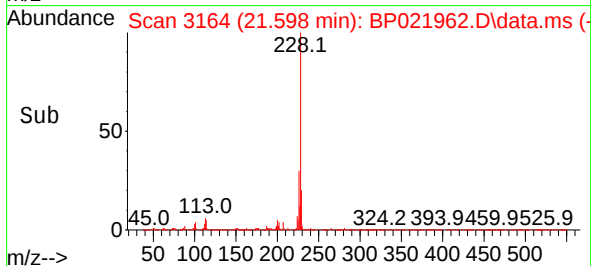
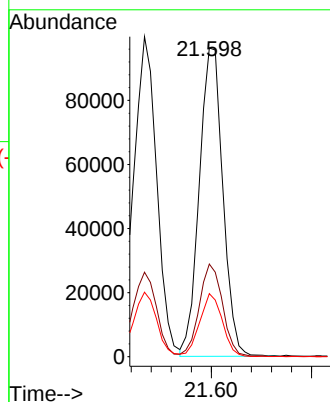
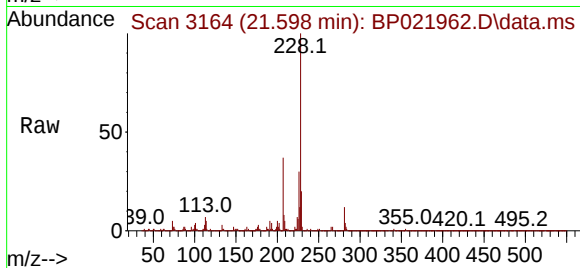
Tgt Ion:228 Resp: 157652

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 20.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.195 ng

RT: 21.474 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

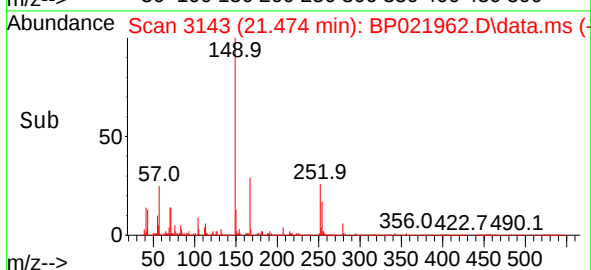
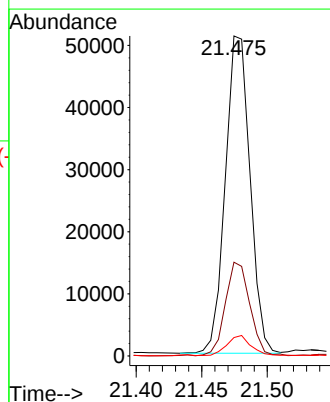
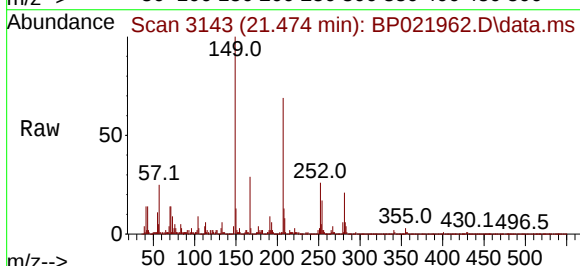
Tgt Ion:149 Resp: 66951

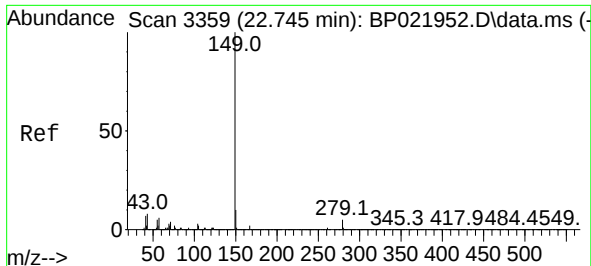
Ion Ratio Lower Upper

149 100

167 29.3 22.3 33.5

279 5.7 4.2 6.2

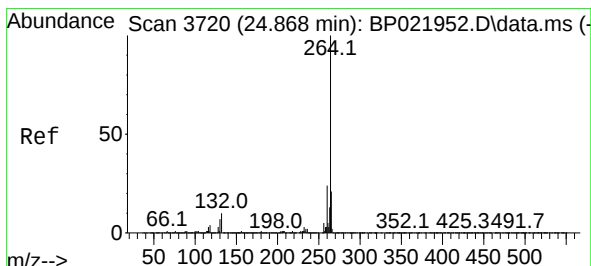
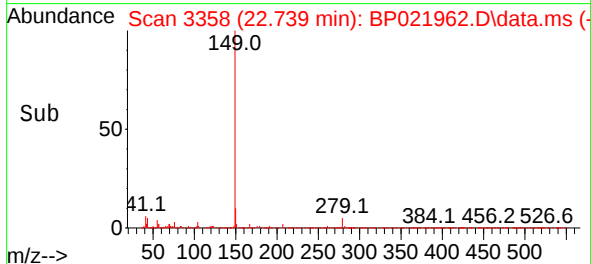
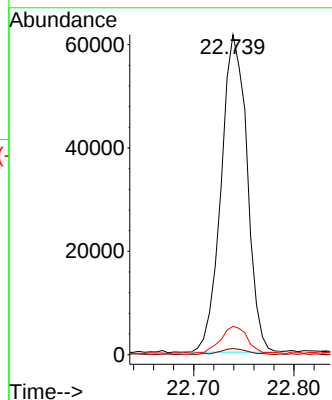
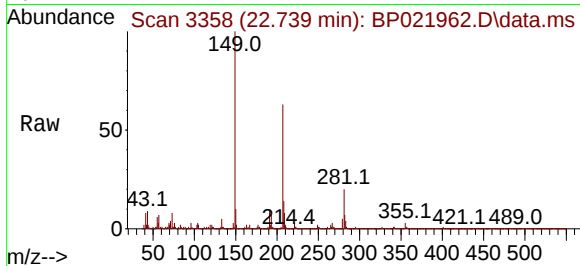




#85
Di-n-octyl phthalate
Concen: 3.094 ng
RT: 22.739 min Scan# 311
Delta R.T. -0.006 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

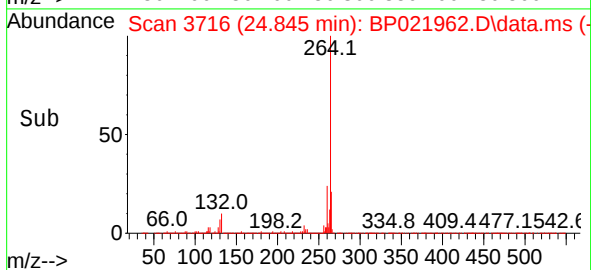
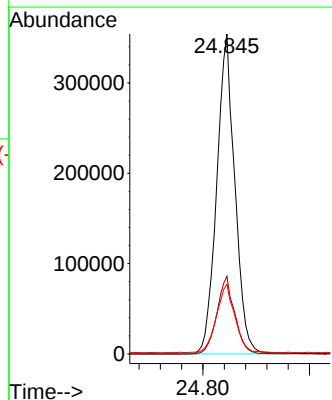
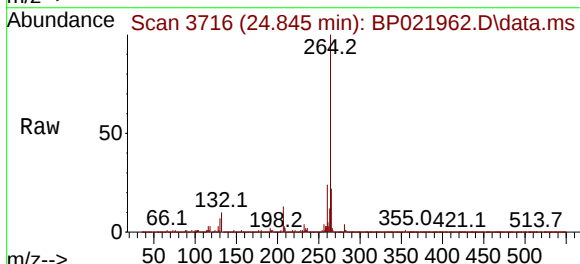
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

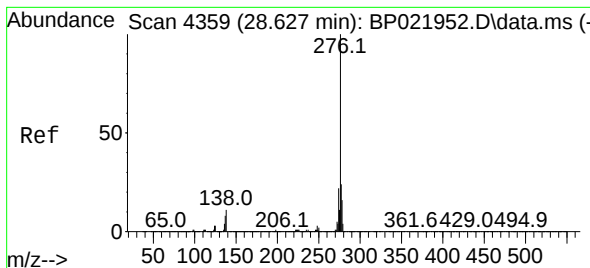
Tgt Ion:	149	Resp:	110107
Ion Ratio	Lower	Upper	
149	100		
167	2.0	1.4	2.0
43	8.8	6.2	9.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.845 min Scan# 3716
Delta R.T. -0.023 min
Lab File: BP021962.D
Acq: 20 Sep 2024 11:08

Tgt Ion:	264	Resp:	836429
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.9	28.3
265	21.8	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.251 ng

RT: 28.562 min Scan# 4359

Delta R.T. -0.065 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

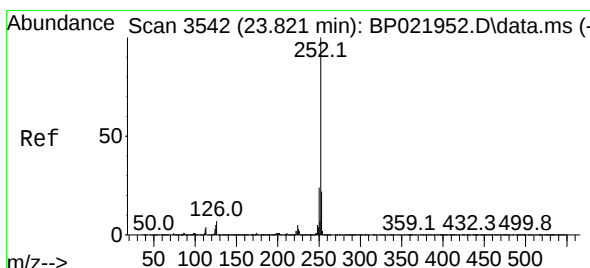
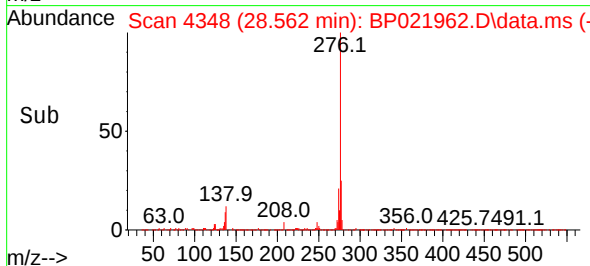
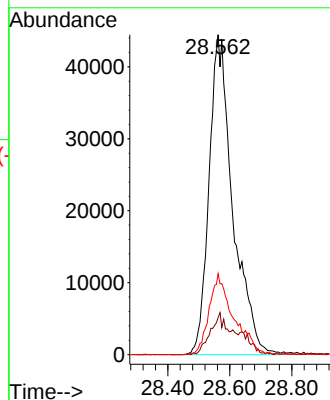
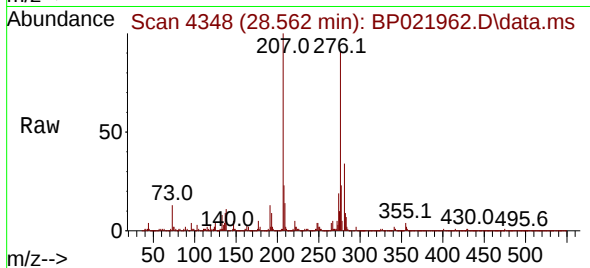
Tgt Ion:276 Resp: 236480

Ion Ratio Lower Upper

276 100

138 10.8 7.8 11.8

277 25.9 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 3.539 ng

RT: 23.804 min Scan# 3539

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

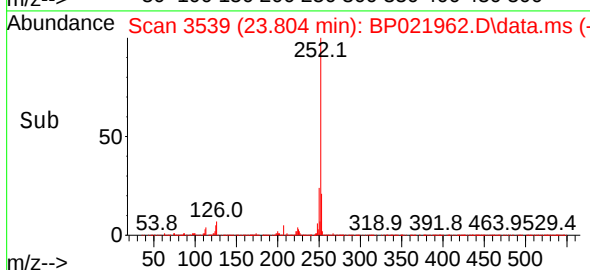
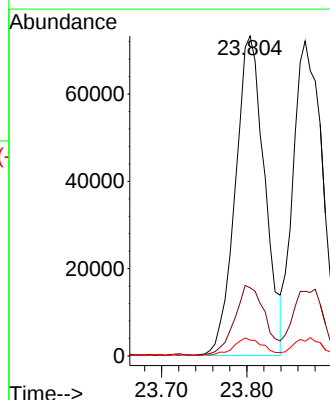
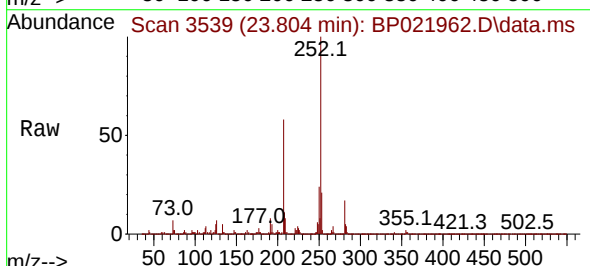
Tgt Ion:252 Resp: 175043

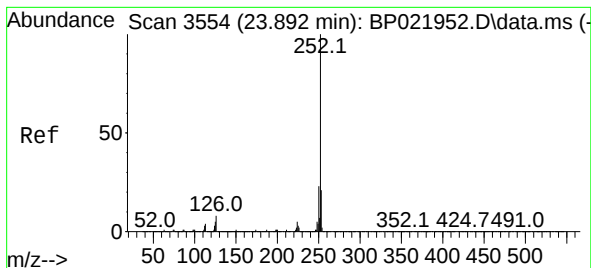
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 5.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 3.659 ng

RT: 23.869 min Scan# 3550

Delta R.T. -0.023 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

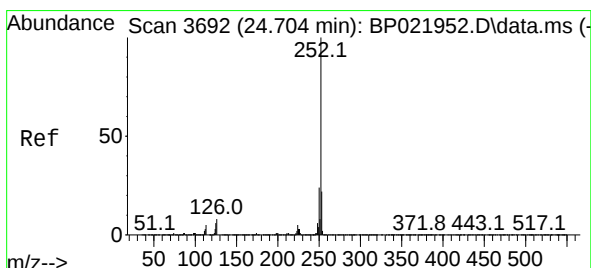
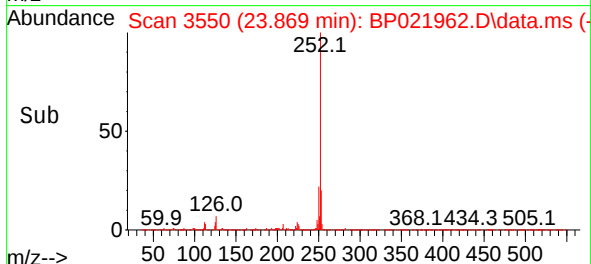
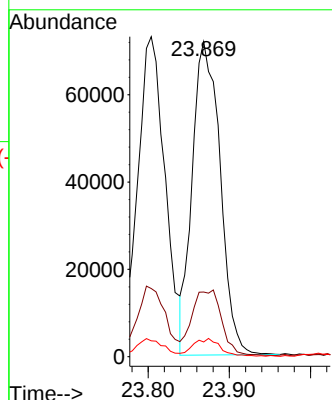
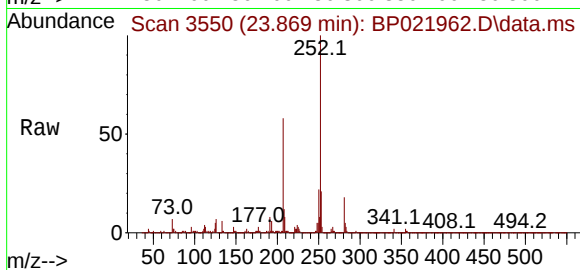
Tgt Ion:252 Resp: 171273

Ion Ratio Lower Upper

252 100

253 20.5 17.0 25.6

125 4.7 4.3 6.5



#90

Benzo(a)pyrene

Concen: 3.736 ng

RT: 24.686 min Scan# 3689

Delta R.T. -0.018 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

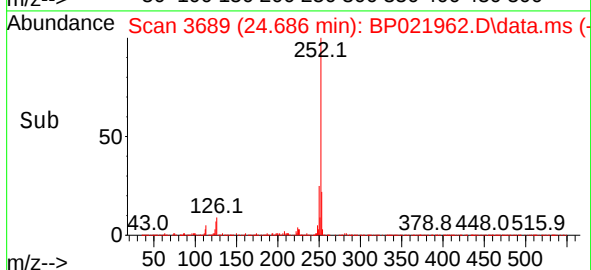
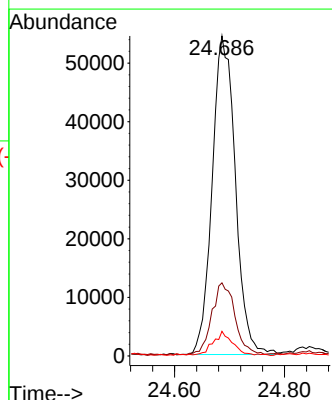
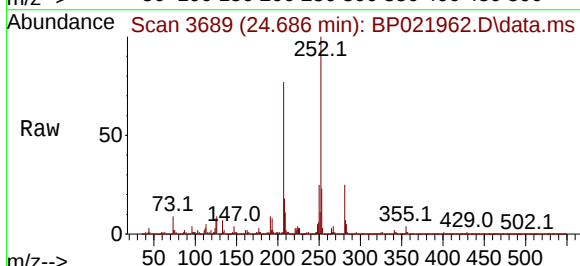
Tgt Ion:252 Resp: 159223

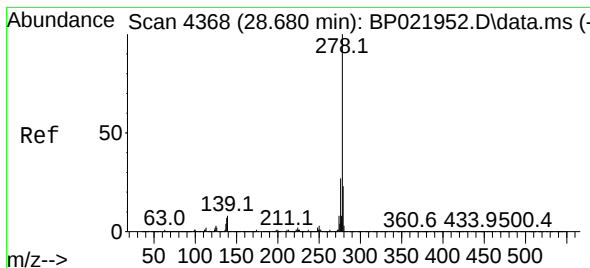
Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 7.7 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 4.251 ng

RT: 28.627 min Scan# 441

Delta R.T. -0.053 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

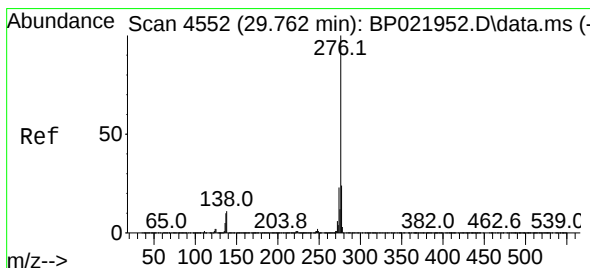
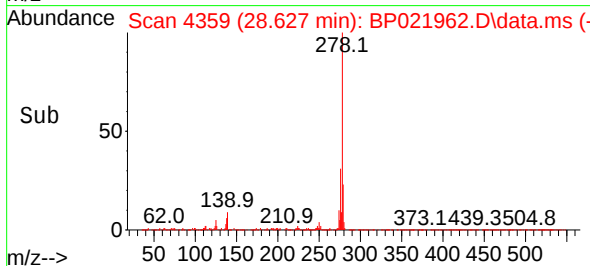
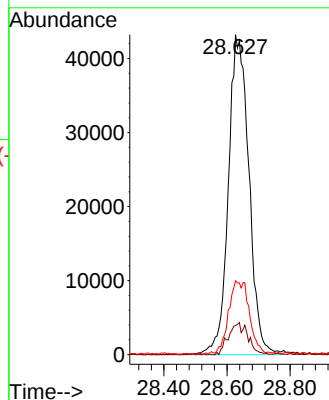
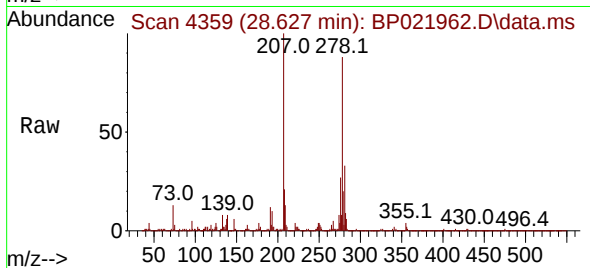
Tgt Ion:278 Resp: 195177

Ion Ratio Lower Upper

278 100

139 9.1 6.6 10.0

279 23.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 4.012 ng

RT: 29.721 min Scan# 4545

Delta R.T. -0.041 min

Lab File: BP021962.D

Acq: 20 Sep 2024 11:08

Tgt Ion:276 Resp: 188690

Ion Ratio Lower Upper

276 100

277 22.3 19.3 28.9

138 12.0 9.2 13.8

