

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025672.D
 Acq On : 05 Sep 2025 10:40
 Operator : CG/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 05 12:38:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	160894	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	637019	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	427145	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	847120	20.000	ng	0.00
76) Chrysene-d12	21.630	240	935440	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1018028	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1082453	111.727	ng	-0.01
7) Phenol-d6	6.955	99	1383728	111.400	ng	-0.01
23) Nitrobenzene-d5	8.913	82	967950	76.865	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	698986	121.575	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2264183	72.444	ng	-0.01
79) Terphenyl-d14	19.913	244	3985376	77.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	14573	3.840	ng	96
3) Pyridine	3.731	79	34553	3.327	ng	92
4) n-Nitrosodimethylamine	3.631	42	17256	4.030	ng	# 78
6) Aniline	7.108	93	56249	3.361	ng	# 95
8) 2-Chlorophenol	7.343	128	39632	3.625	ng	91
9) Benzaldehyde	6.925	77	35200	4.045	ng	97
10) Phenol	6.984	94	45333	3.478	ng	79
11) bis(2-Chloroethyl)ether	7.196	93	36842	3.627	ng	98
12) 1,3-Dichlorobenzene	7.660	146	43572	3.614	ng	97
13) 1,4-Dichlorobenzene	7.802	146	44814	3.637	ng	92
14) 1,2-Dichlorobenzene	8.113	146	44183	3.704	ng	98
15) Benzyl Alcohol	8.013	79	31103	3.151	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.290	45	51864	3.811	ng	98
17) 2-Methylphenol	8.213	107	29229	3.229	ng	95
18) Hexachloroethane	8.837	117	16818	3.712	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	29500	3.585	ng	94
20) 3+4-Methylphenols	8.555	107	39872	3.178	ng	94
22) Acetophenone	8.584	105	58712	3.675	ng	# 97
24) Nitrobenzene	8.949	77	45371	4.031	ng	93
25) Isophorone	9.484	82	78632	3.528	ng	97
26) 2-Nitrophenol	9.660	139	17416	3.015	ng	# 86
27) 2,4-Dimethylphenol	9.737	122	33055	3.328	ng	97
28) bis(2-Chloroethoxy)met...	9.954	93	46307	3.437	ng	98
29) 2,4-Dichlorophenol	10.231	162	28387	2.877	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	39013	3.607	ng	95
31) Naphthalene	10.590	128	118751	3.587	ng	99
33) 4-Chloroaniline	10.713	127	43182	2.953	ng	96
34) Hexachlorobutadiene	10.878	225	25100	3.726	ng	95
35) Caprolactam	11.490	113	10940	3.024	ng	# 86
36) 4-Chloro-3-methylphenol	11.843	107	37848	3.343	ng	88
37) 2-Methylnaphthalene	12.207	142	75784	3.517	ng	96
38) 1-Methylnaphthalene	12.419	142	82776	3.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	44627	3.617	ng	99
43) 2,4,6-Trichlorophenol	12.831	196	25631	3.078	ng	98
44) 2,4,5-Trichlorophenol	12.913	196	29670	3.251	ng	95
46) 1,1'-Biphenyl	13.213	154	113881	3.671	ng	96

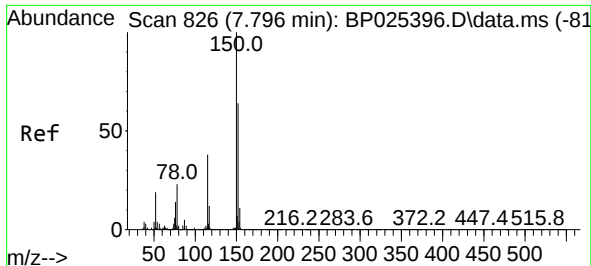
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025672.D
 Acq On : 05 Sep 2025 10:40
 Operator : CG/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 05 12:38:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.254	162	85999	3.561	ng	98
48) 2-Nitroaniline	13.472	65	22538	3.203	ng	85
49) Acenaphthylene	14.119	152	138405	3.463	ng	99
50) Dimethylphthalate	13.842	163	114308	3.654	ng	98
51) 2,6-Dinitrotoluene	13.966	165	21956	3.330	ng #	84
52) Acenaphthene	14.460	154	83426	3.557	ng	99
53) 3-Nitroaniline	14.313	138	21151	2.851	ng	96
55) Dibenzofuran	14.801	168	134617	3.630	ng	97
57) 2,4-Dinitrotoluene	14.772	165	29287	3.114	ng #	90
58) Fluorene	15.460	166	108259	3.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	25543	3.169	ng	96
60) Diethylphthalate	15.225	149	118406	3.725	ng	98
61) 4-Chlorophenyl-phenyle...	15.460	204	55222	3.794	ng	97
63) Azobenzene	15.754	77	102606	3.770	ng	98
65) 4,6-Dinitro-2-methylph...	15.566	198	12439	2.356	ng	93
66) n-Nitrosodiphenylamine	15.672	169	93959	3.637	ng	98
67) 4-Bromophenyl-phenylether	16.372	248	35291	3.788	ng	96
68) Hexachlorobenzene	16.495	284	41324	3.826	ng	98
69) Atrazine	16.648	200	34308	3.546	ng	94
70) Pentachlorophenol	16.860	266	18340	2.690	ng	94
71) Phenanthrene	17.236	178	176814	3.800	ng	100
72) Anthracene	17.336	178	171351	3.606	ng	99
73) Carbazole	17.625	167	153413	3.427	ng	98
74) Di-n-butylphthalate	18.207	149	193312	3.510	ng	100
75) Fluoranthene	19.319	202	204431	3.683	ng	99
77) Benzidine	19.530	184	81210	2.544	ng	99
78) Pyrene	19.695	202	212513	3.495	ng	99
80) Butylbenzylphthalate	20.630	149	90901	3.299	ng	93
81) Benzo(a)anthracene	21.613	228	219298	3.555	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	73034	3.141	ng	97
83) Chrysene	21.677	228	211723	3.665	ng	98
84) Bis(2-ethylhexyl)phtha...	21.548	149	141335	3.484	ng	99
85) Di-n-octyl phthalate	22.830	149	232705	3.335	ng #	95
87) Indeno(1,2,3-cd)pyrene	28.836	276	250847	3.360	ng	93
88) Benzo(b)fluoranthene	23.936	252	208755	3.478	ng	99
89) Benzo(k)fluoranthene	23.936	252	208755	3.475	ng	98
90) Benzo(a)pyrene	24.836	252	203799	3.488	ng	98
91) Dibenzo(a,h)anthracene	28.912	278	199309	3.267	ng	99
92) Benzo(g,h,i)perylene	30.024	276	199611	3.328	ng #	94

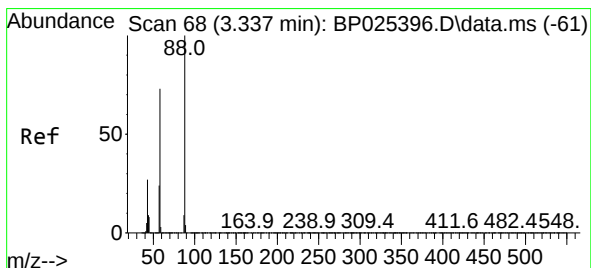
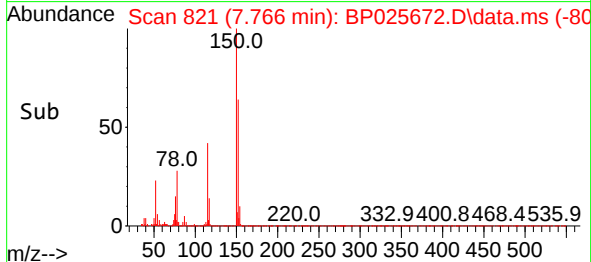
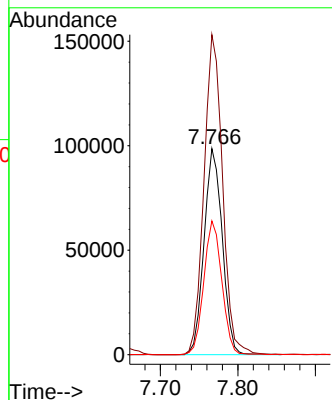
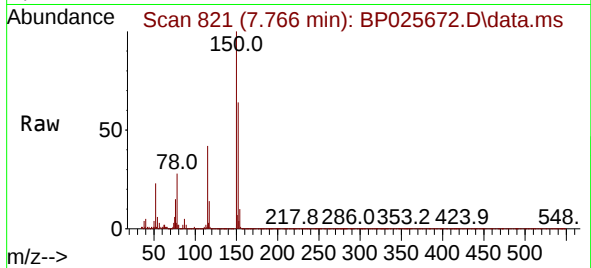
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.766 min Scan# 81
 Delta R.T. -0.030 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

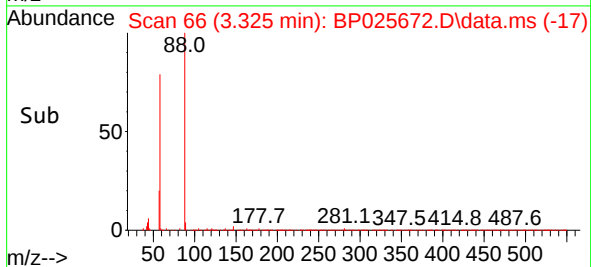
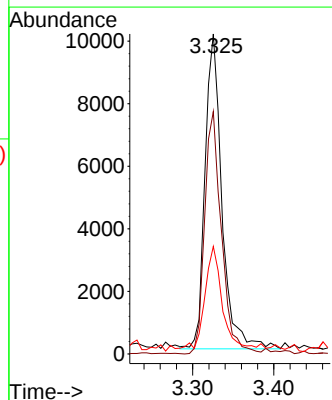
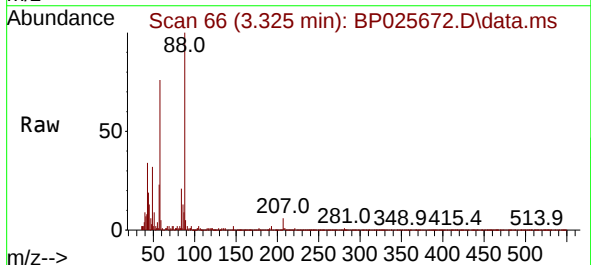
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

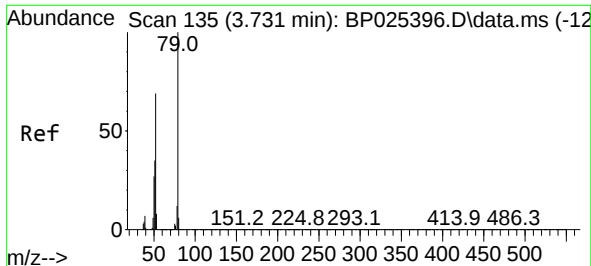
Tgt Ion:152 Resp: 160894
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 64.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 3.840 ng
 RT: 3.325 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

Tgt Ion: 88 Resp: 14573
 Ion Ratio Lower Upper
 88 100
 58 76.3 59.2 88.8
 43 31.9 21.7 32.5





#3

Pyridine

Concen: 3.327 ng

RT: 3.731 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

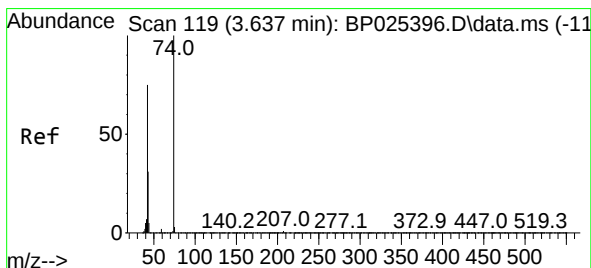
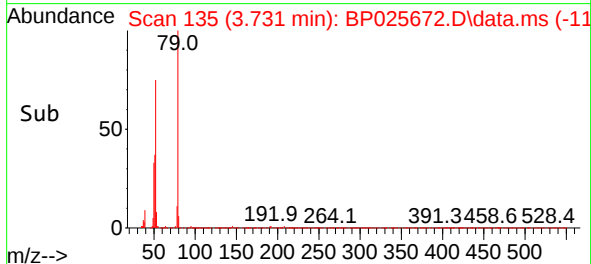
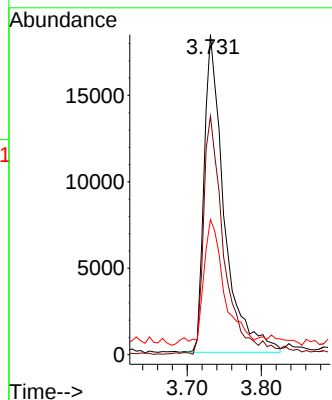
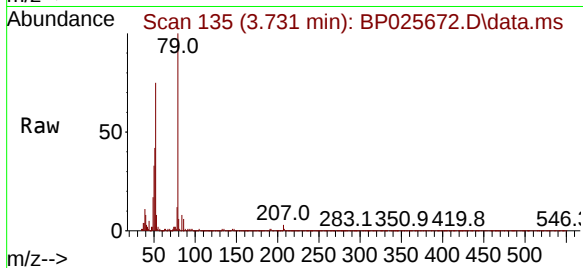
Tgt Ion: 79 Resp: 34553

Ion Ratio Lower Upper

79 100

52 74.5 55.5 83.3

51 42.3 28.3 42.5



#4

n-Nitrosodimethylamine

Concen: 4.030 ng

RT: 3.631 min Scan# 118

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

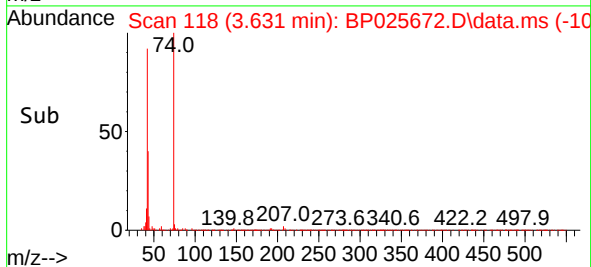
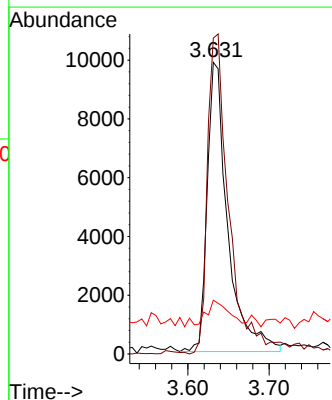
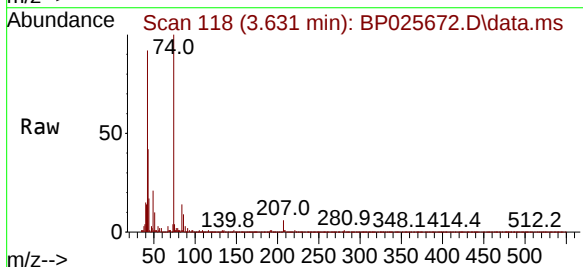
Tgt Ion: 42 Resp: 17256

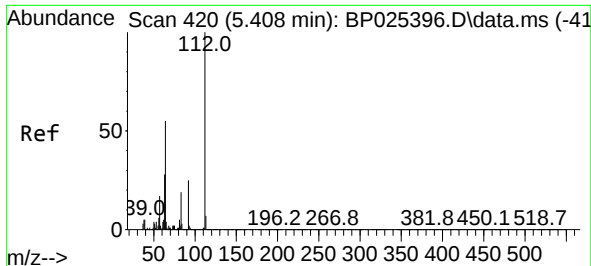
Ion Ratio Lower Upper

42 100

74 108.3 107.0 160.4

44 18.4 6.2 9.4#

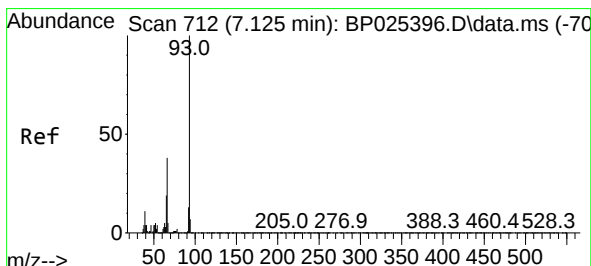
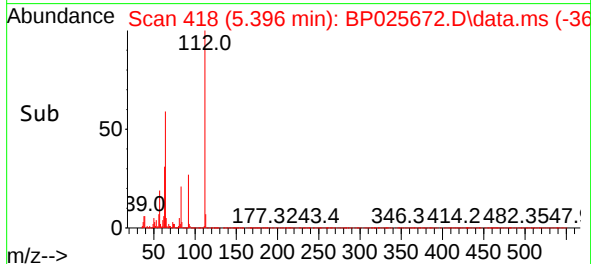
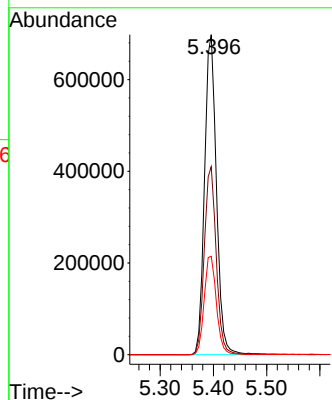
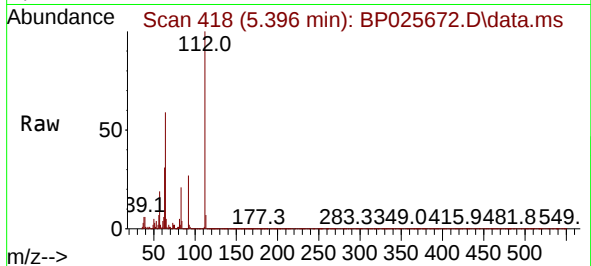




#5
2-Fluorophenol
Concen: 111.727 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

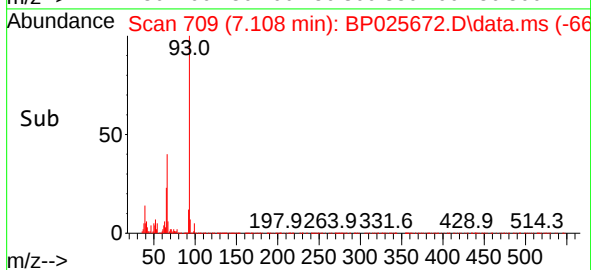
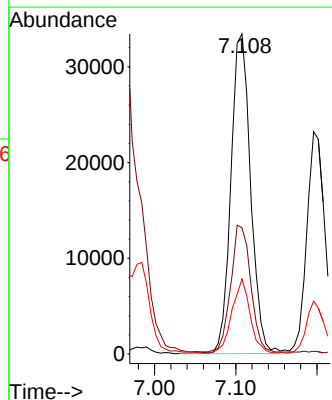
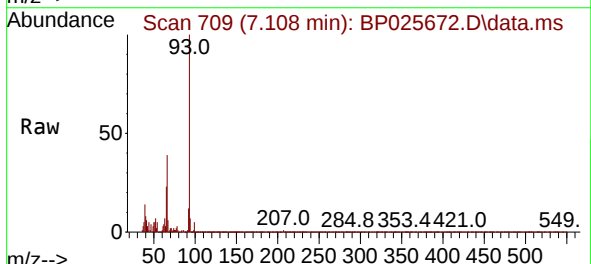
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

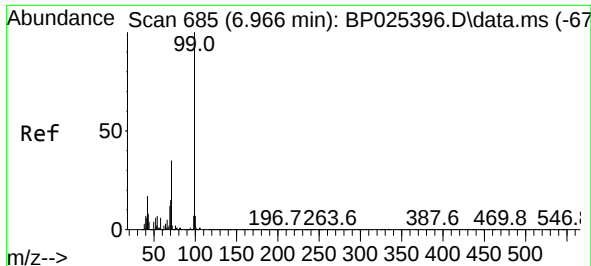
Tgt Ion:112 Resp: 1082453
Ion Ratio Lower Upper
112 100
64 58.7 43.8 65.8
63 30.8 22.7 34.1



#6
Aniline
Concen: 3.361 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 93 Resp: 56249
Ion Ratio Lower Upper
93 100
66 39.5 30.4 45.6
65 23.5 15.3 22.9#



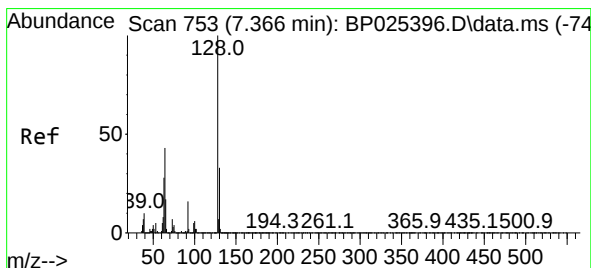
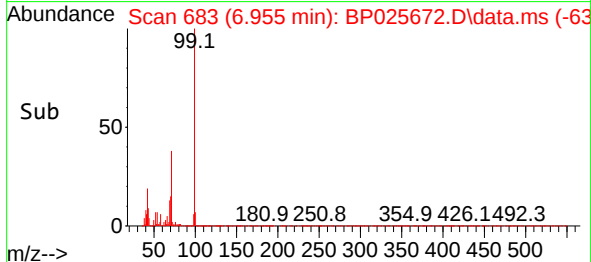
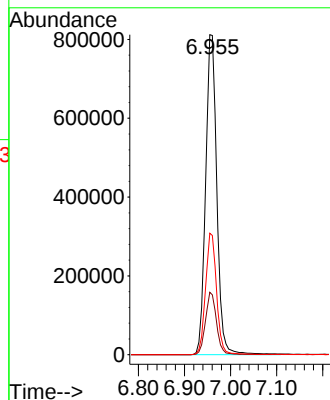
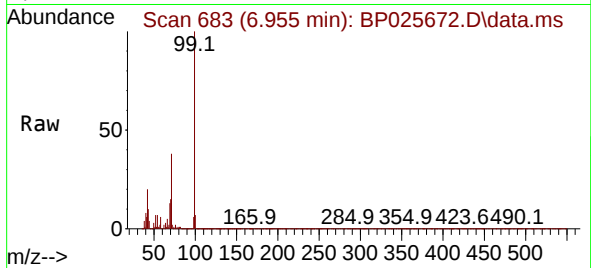


#7
Phenol-d6
Concen: 111.400 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion: 99 Resp: 1383728

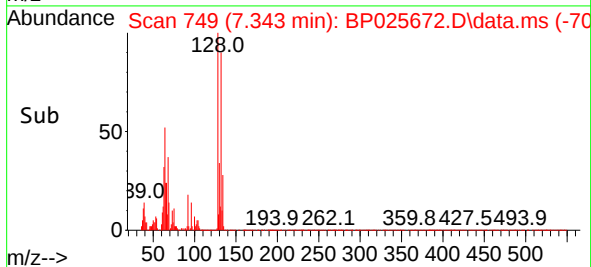
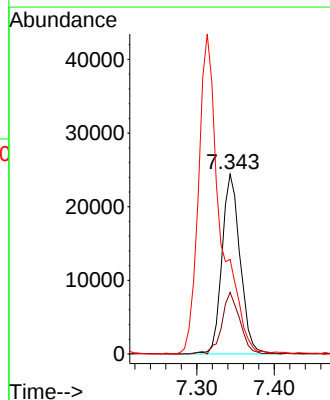
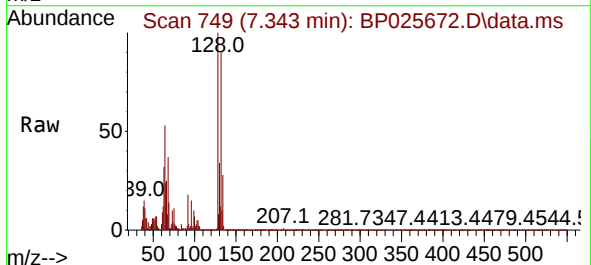
Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.7	20.5
71	38.0	28.2	42.4

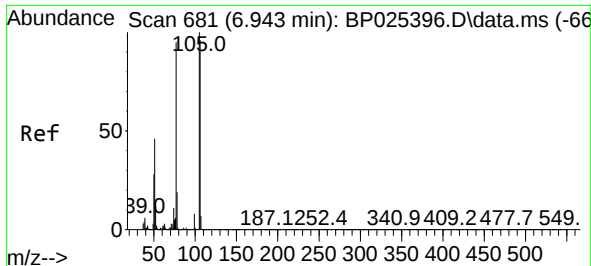


#8
2-Chlorophenol
Concen: 3.625 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 128 Resp: 39632

Ion	Ratio	Lower	Upper
128	100		
130	34.3	12.6	52.6
64	52.6	23.4	63.4

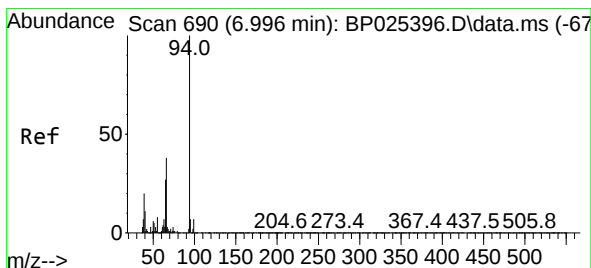
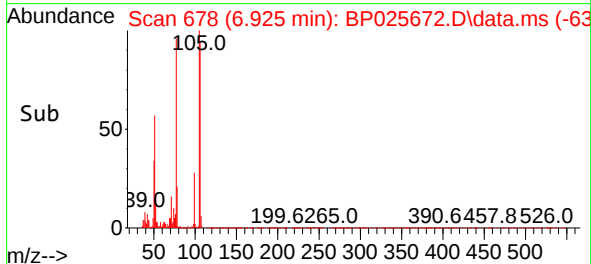
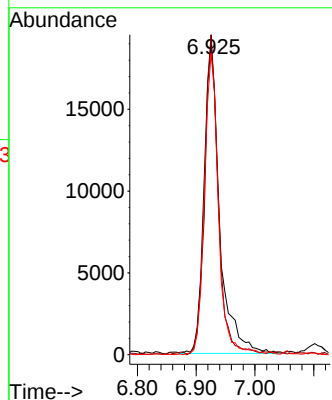
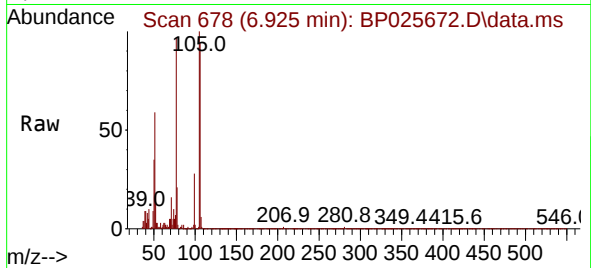




#9
Benzaldehyde
Concen: 4.045 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

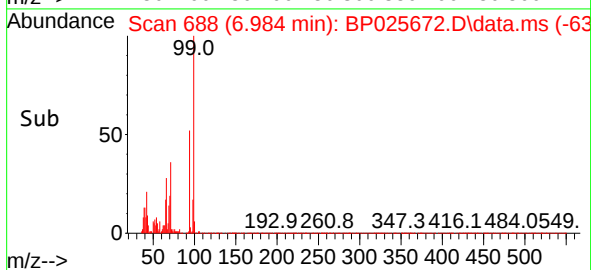
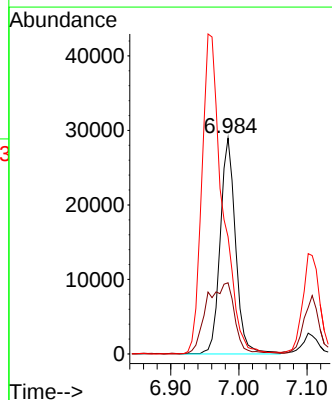
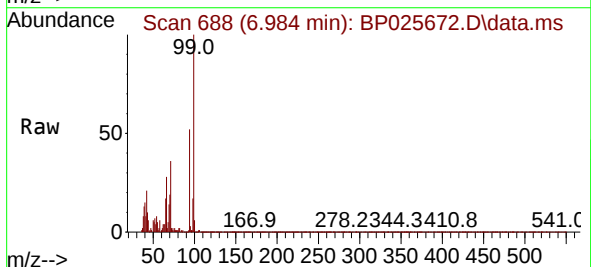
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

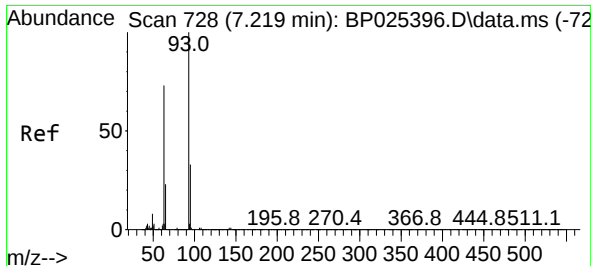
Tgt Ion: 77 Resp: 35200
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 96.9 80.5 120.5



#10
Phenol
Concen: 3.478 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 94 Resp: 45333
Ion Ratio Lower Upper
94 100
65 33.0 6.8 46.8
66 54.4 18.2 58.2

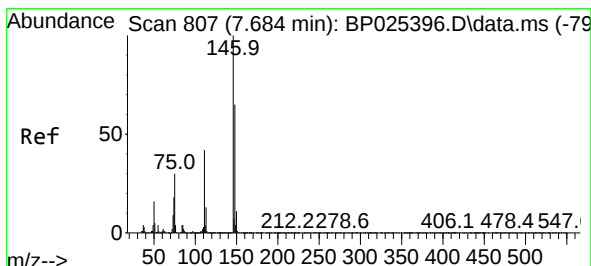
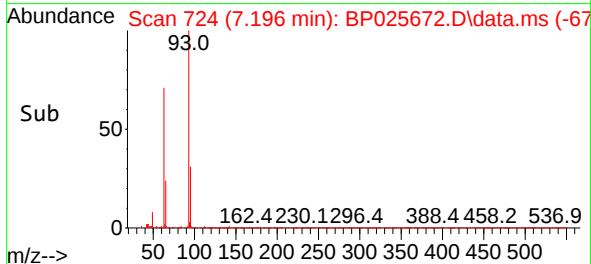
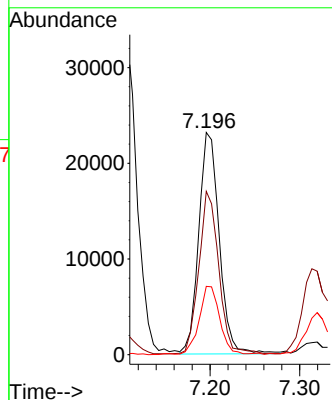
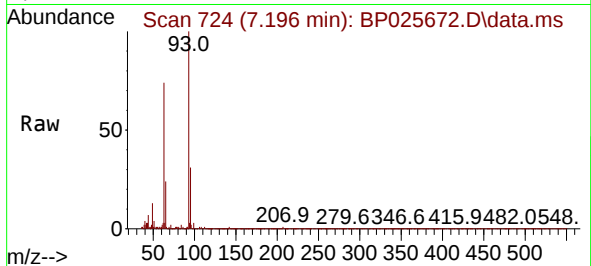




#11
bis(2-Chloroethyl)ether
Concen: 3.627 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

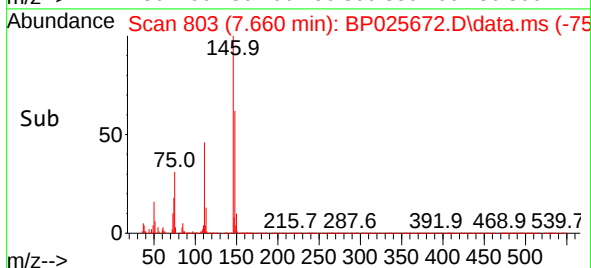
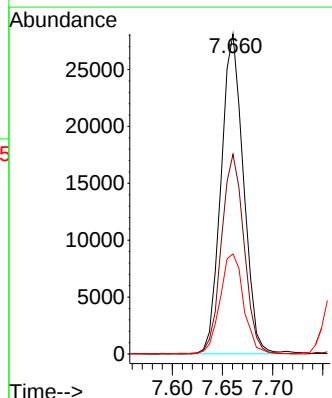
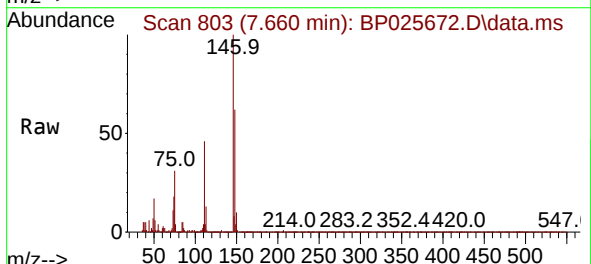
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

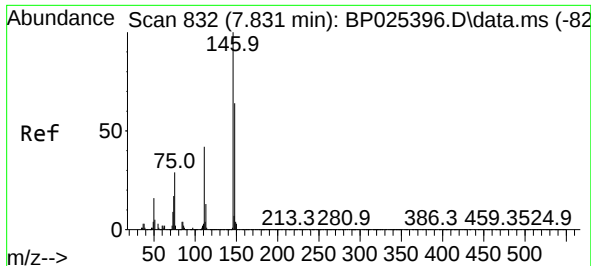
Tgt Ion: 93 Resp: 36842
Ion Ratio Lower Upper
93 100
63 73.5 52.6 92.6
95 30.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 3.614 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 146 Resp: 43572
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
75 31.2 23.7 35.5

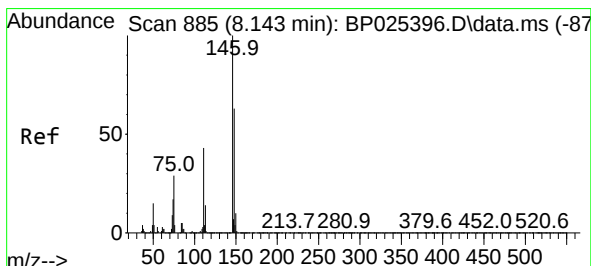
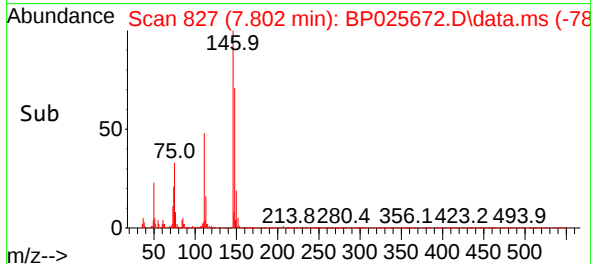
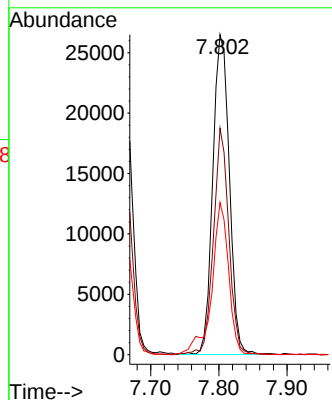
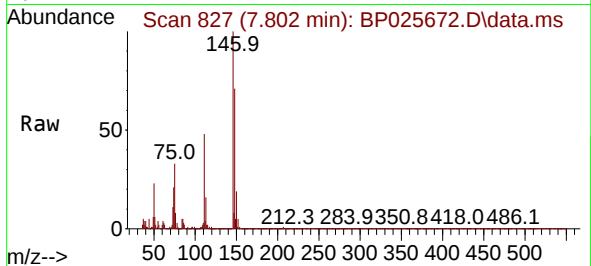




#13
1,4-Dichlorobenzene
Concen: 3.637 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

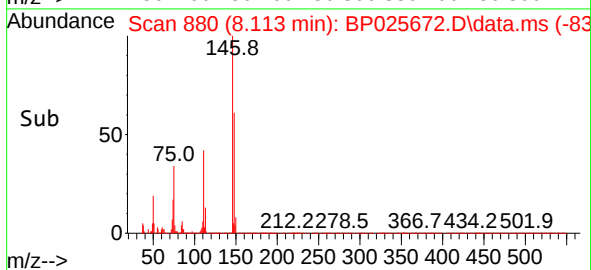
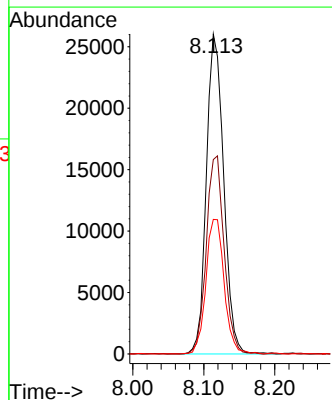
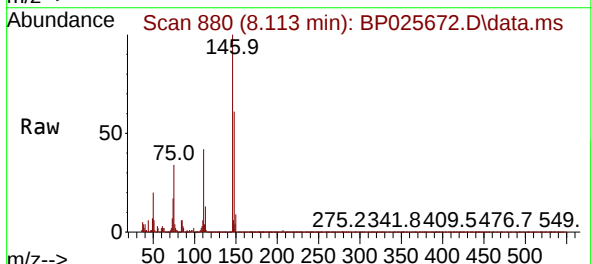
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

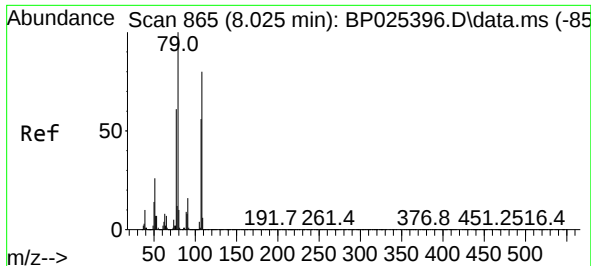
Tgt Ion:146 Resp: 44814
Ion Ratio Lower Upper
146 100
148 70.8 51.6 77.4
111 47.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 3.704 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:146 Resp: 44183
Ion Ratio Lower Upper
146 100
148 60.7 50.4 75.6
111 42.1 34.5 51.7

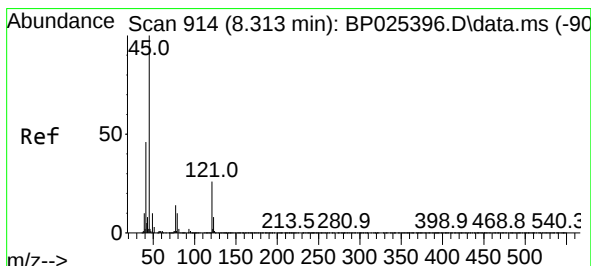
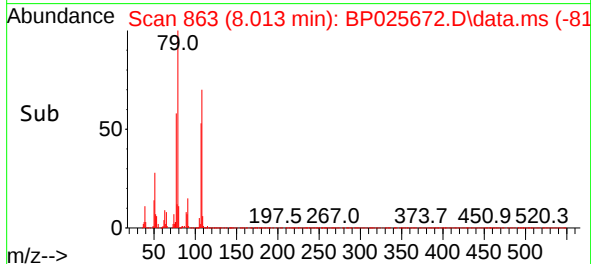
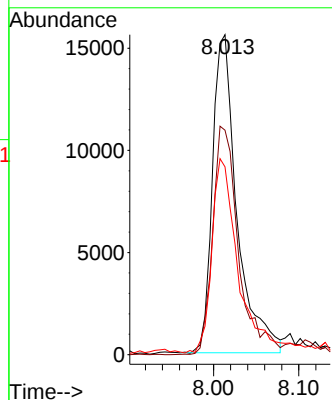
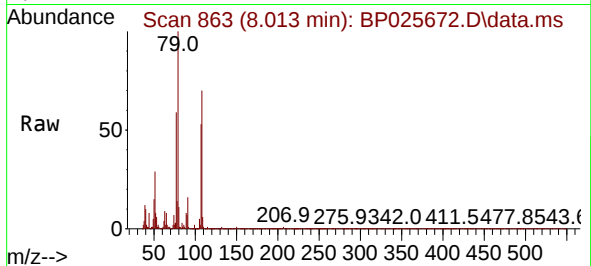




#15
Benzyl Alcohol
Concen: 3.151 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

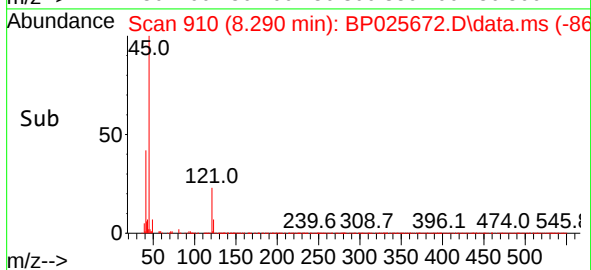
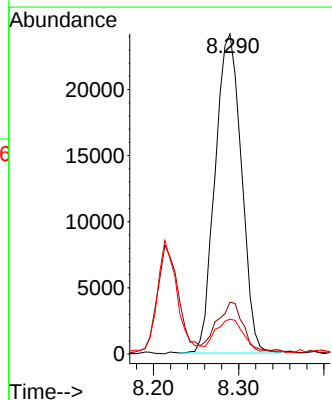
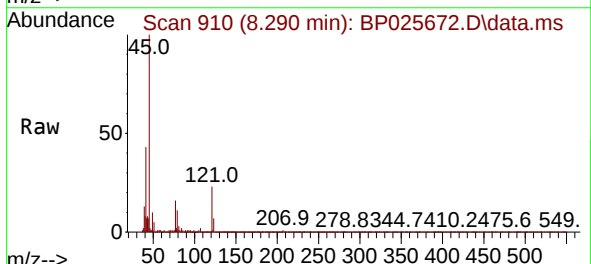
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

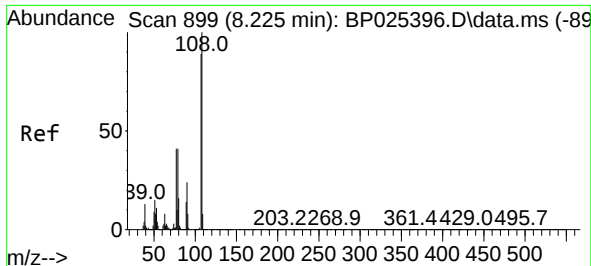
Tgt Ion: 79 Resp: 31103
Ion Ratio Lower Upper
79 100
108 70.2 63.8 95.6
77 58.7 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.811 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 45 Resp: 51864
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 10.9 0.0 31.8

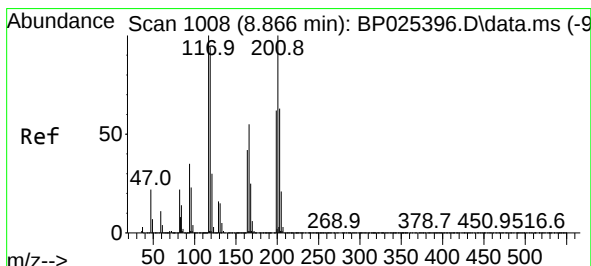
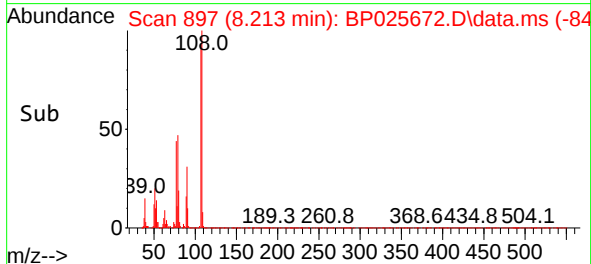
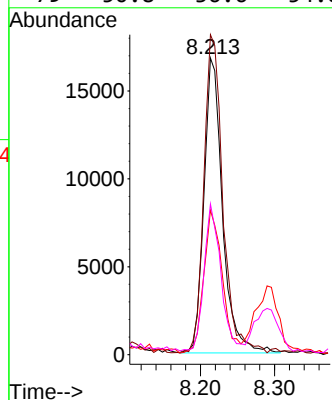
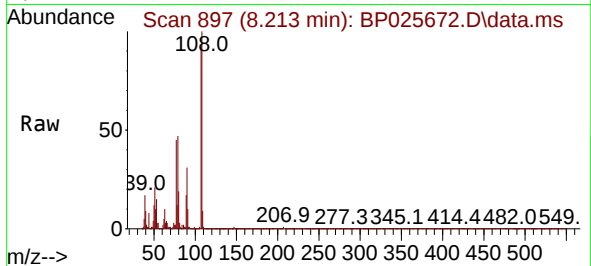




#17
2-Methylphenol
Concen: 3.229 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

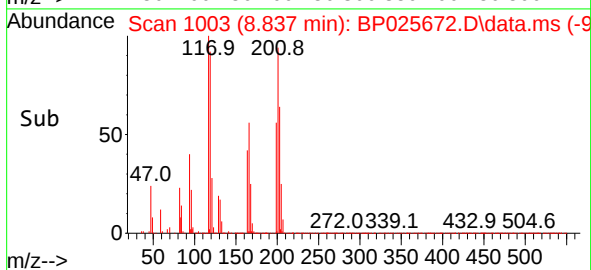
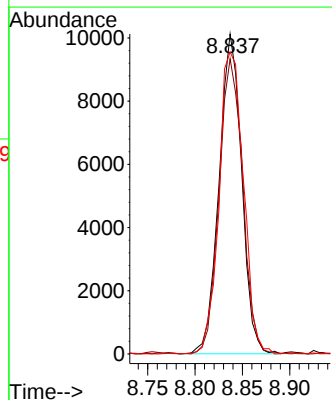
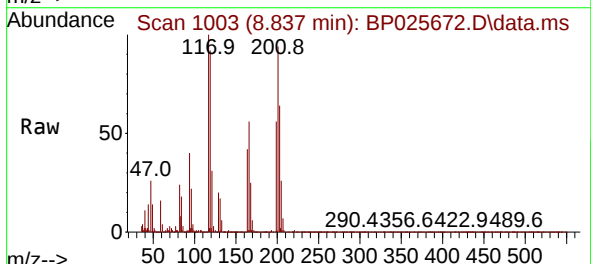
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

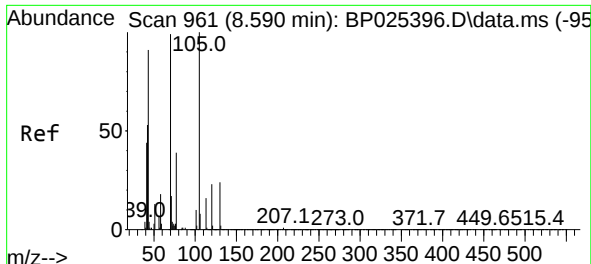
Tgt Ion:	107	Resp:	29229
Ion	Ratio	Lower	Upper
107	100		
108	107.9	89.4	134.0
77	48.7	36.3	54.5
79	50.8	36.6	54.8



#18
Hexachloroethane
Concen: 3.712 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:	117	Resp:	16818
Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.1	112.7
201	94.4	80.1	120.1

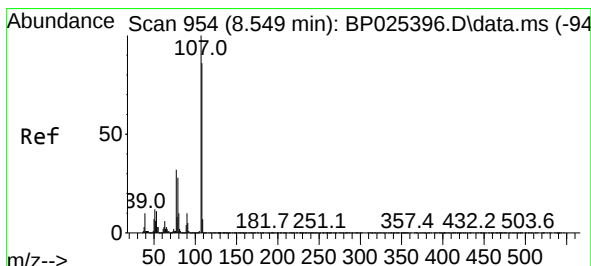
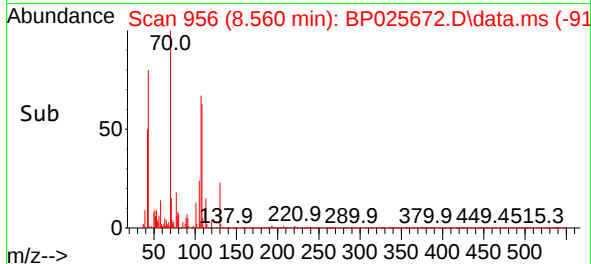
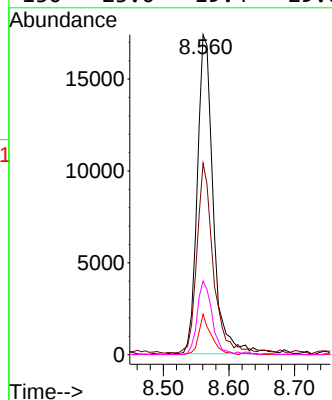
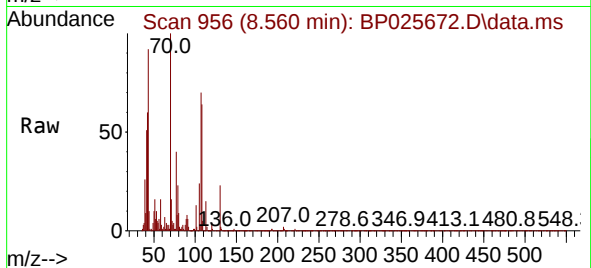




#19
n-Nitroso-di-n-propylamine
Concen: 3.585 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

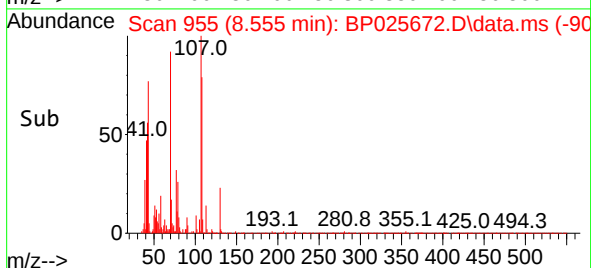
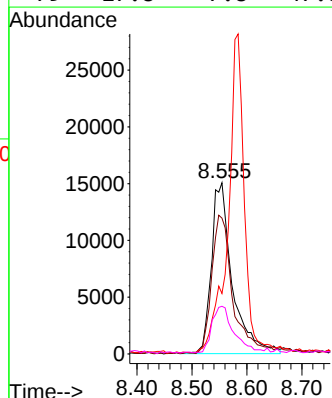
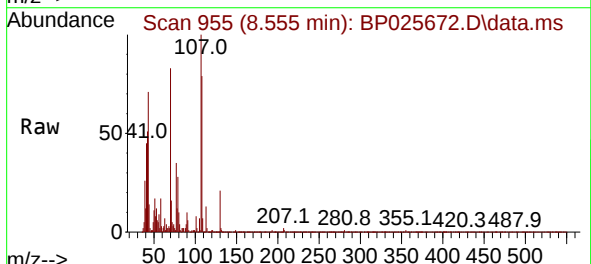
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

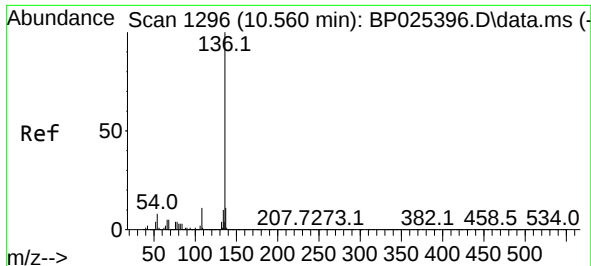
Tgt Ion:	70	Resp:	29500
Ion	Ratio	Lower	Upper
70	100		
42	59.8	43.8	65.6
101	12.7	8.5	12.7
130	23.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 3.178 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:	107	Resp:	39872
Ion	Ratio	Lower	Upper
107	100		
108	79.4	66.3	106.3
77	35.3	12.3	52.3
79	27.8	7.8	47.8

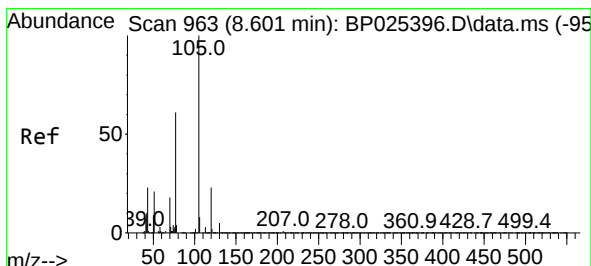
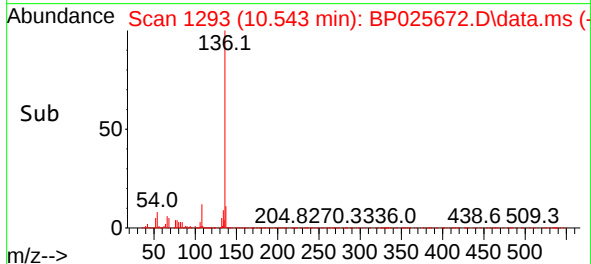
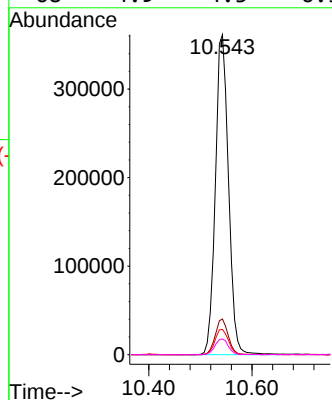
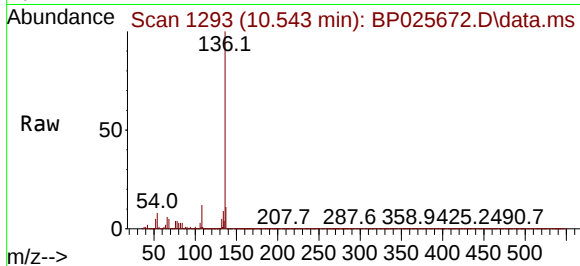




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

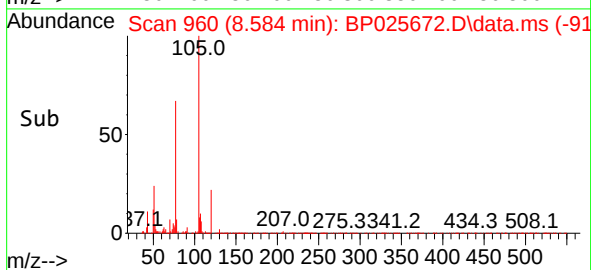
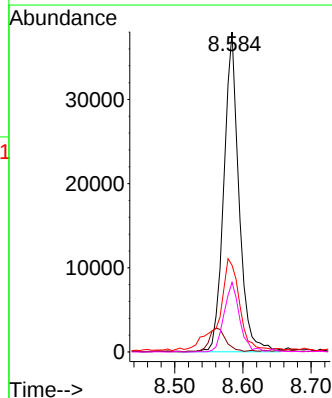
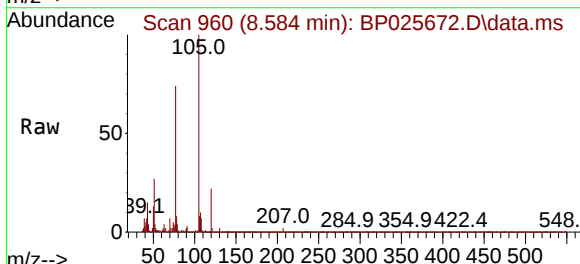
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

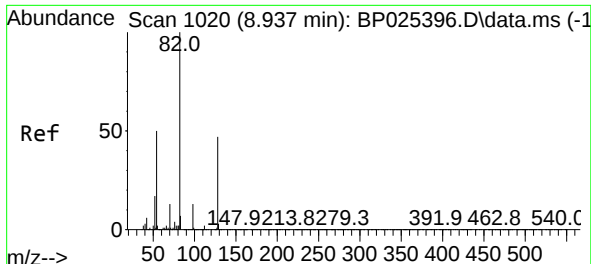
Tgt Ion:	136	Resp:	637019
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	4.9	4.3	6.5



#22
Acetophenone
Concen: 3.675 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:	105	Resp:	58712
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.6	4.0#
51	27.1	20.6	30.8
120	21.8	18.6	27.8

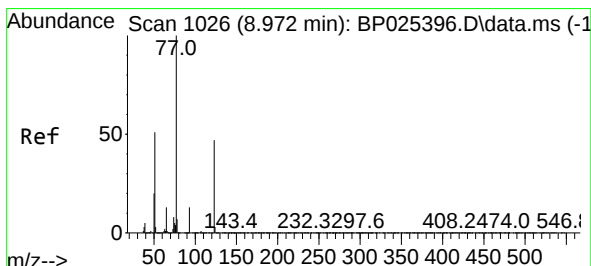
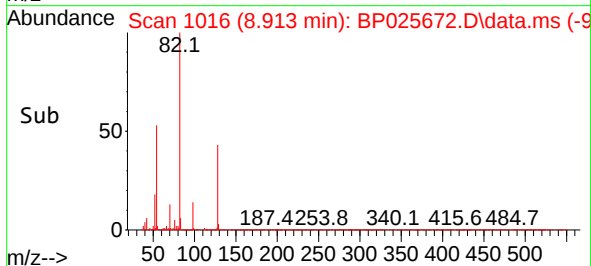
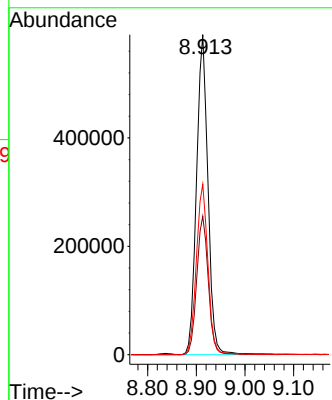
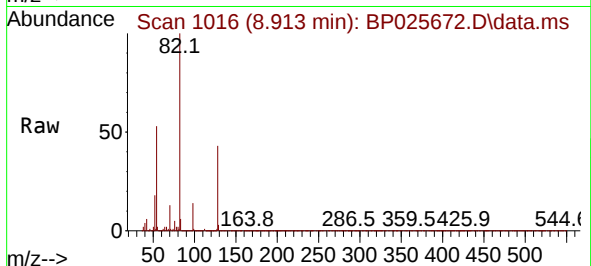




#23
Nitrobenzene-d5
Concen: 76.865 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

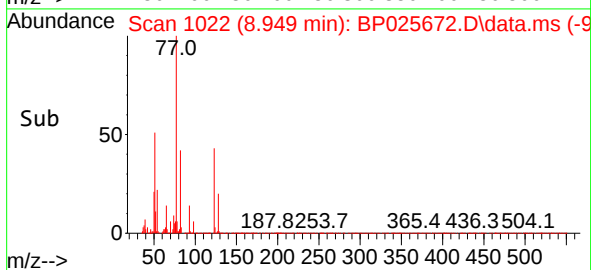
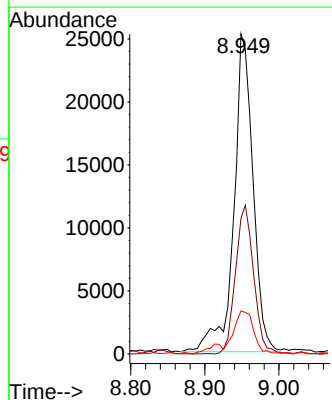
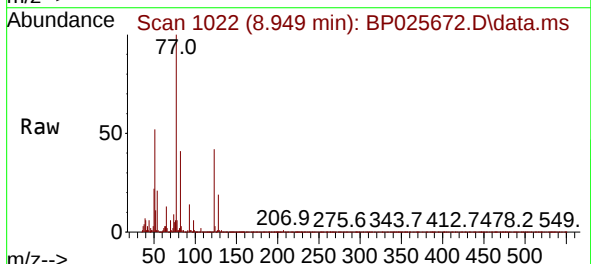
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

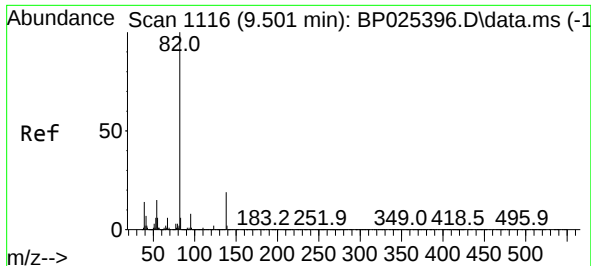
Tgt Ion: 82 Resp: 967950
Ion Ratio Lower Upper
82 100
128 43.2 37.7 56.5
54 53.2 39.8 59.6



#24
Nitrobenzene
Concen: 4.031 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 77 Resp: 45371
Ion Ratio Lower Upper
77 100
123 42.5 38.6 58.0
65 13.5 10.6 15.8

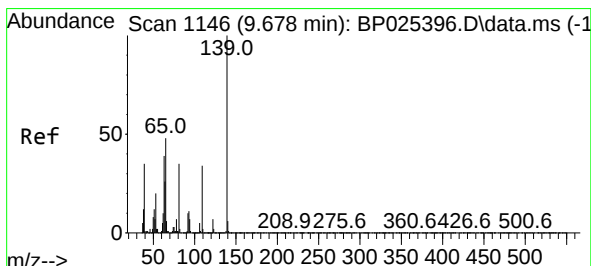
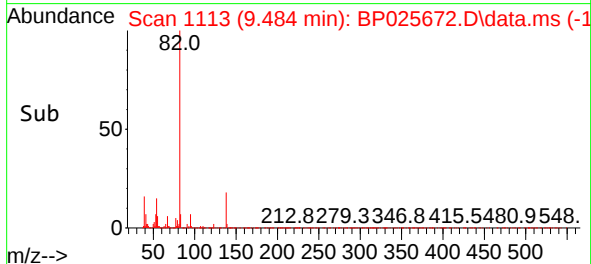
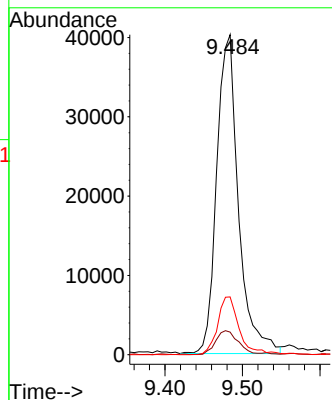
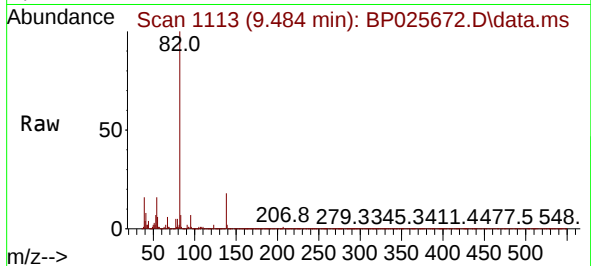




#25
Isophorone
Concen: 3.528 ng
RT: 9.484 min Scan# 1113
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

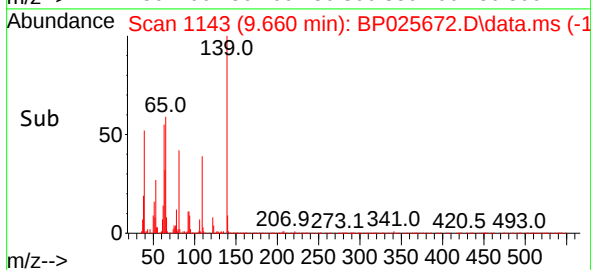
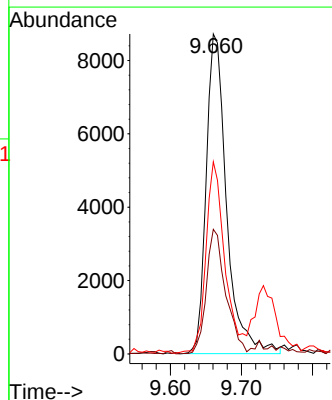
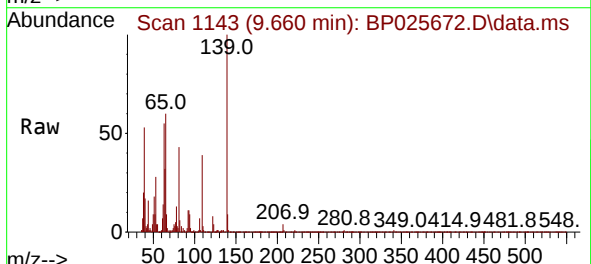
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

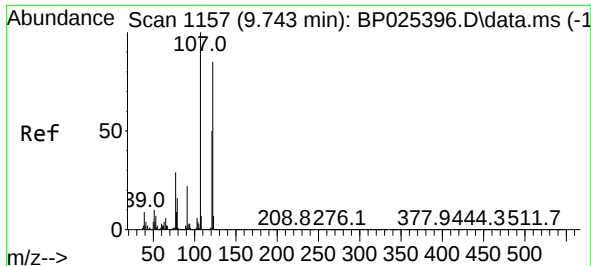
Tgt Ion: 82 Resp: 78632
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 18.1 15.4 23.0



#26
2-Nitrophenol
Concen: 3.015 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 139 Resp: 17416
Ion Ratio Lower Upper
139 100
109 38.9 26.9 40.3
65 60.1 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 3.328 ng

RT: 9.737 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

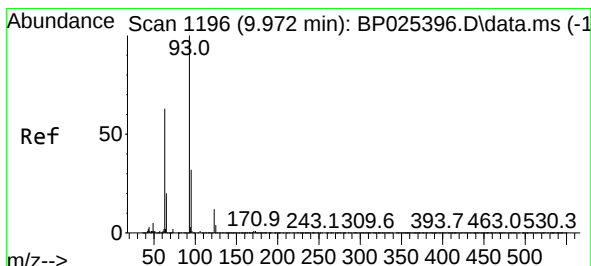
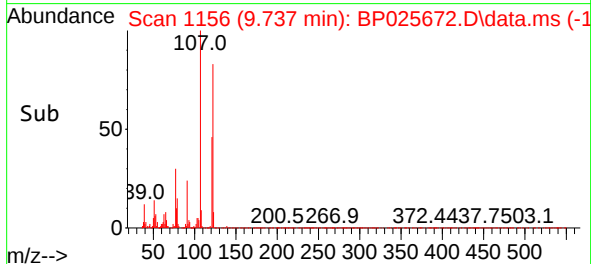
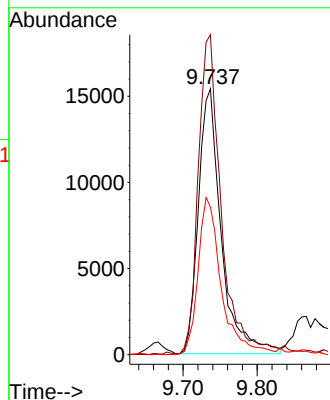
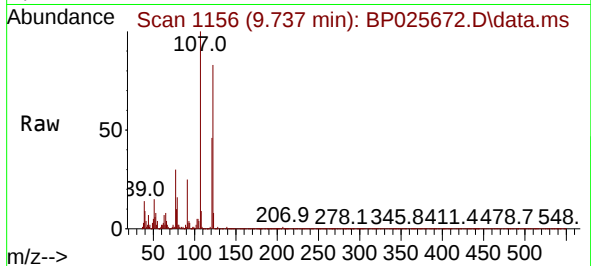
Tgt Ion:122 Resp: 33055

Ion Ratio Lower Upper

122 100

107 120.3 93.7 140.5

121 55.5 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 3.437 ng

RT: 9.954 min Scan# 1193

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

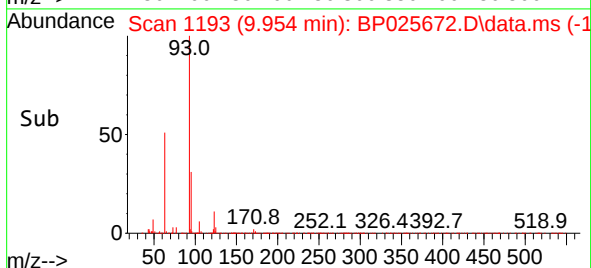
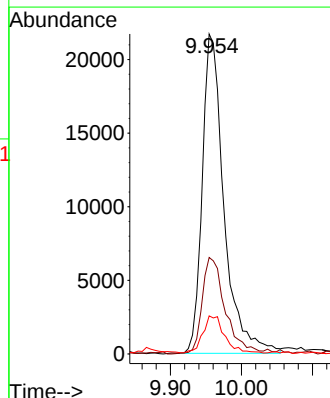
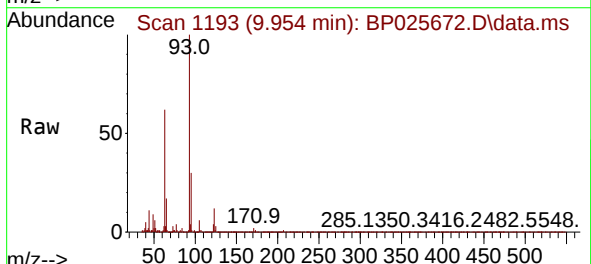
Tgt Ion: 93 Resp: 46307

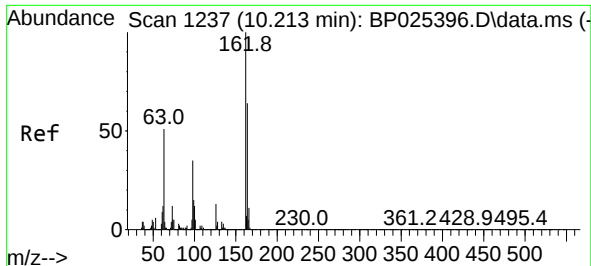
Ion Ratio Lower Upper

93 100

95 30.1 25.4 38.0

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 2.877 ng

RT: 10.231 min Scan# 1

Delta R.T. 0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

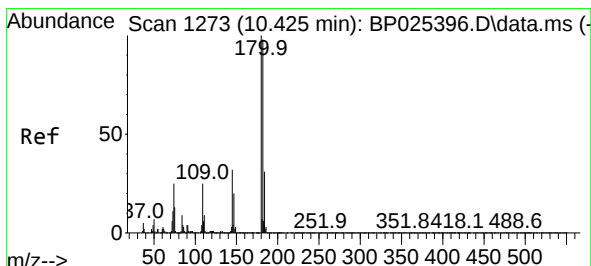
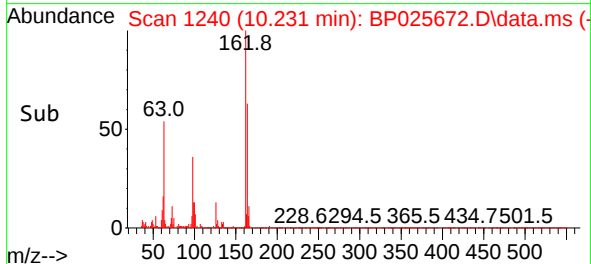
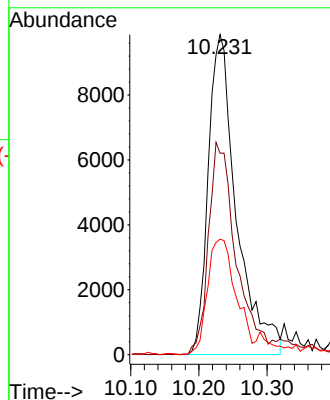
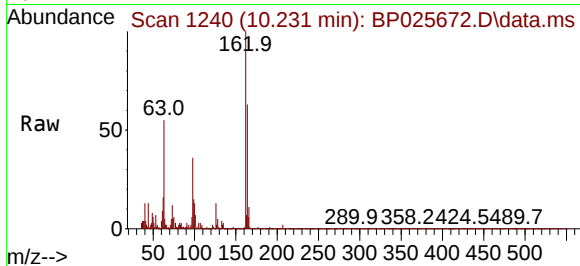
Tgt Ion:162 Resp: 28387

Ion Ratio Lower Upper

162 100

164 62.9 44.4 84.4

98 36.1 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 3.607 ng

RT: 10.402 min Scan# 1269

Delta R.T. -0.023 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

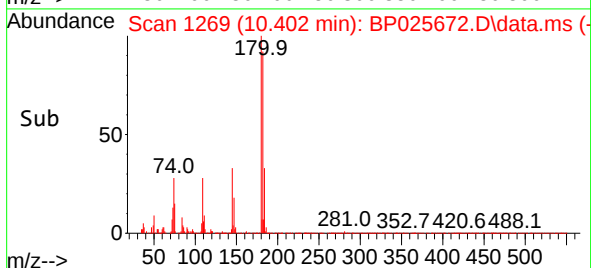
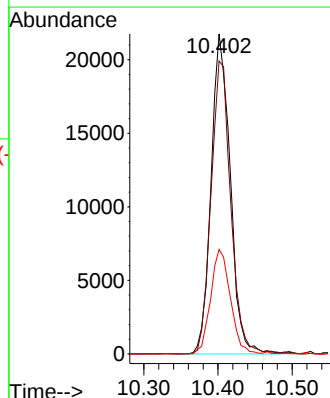
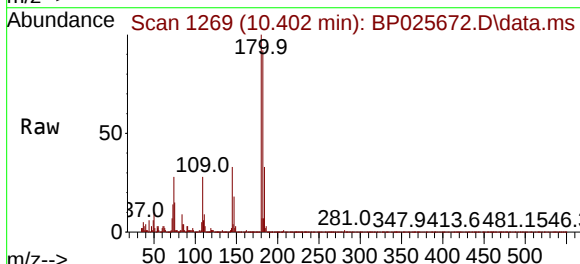
Tgt Ion:180 Resp: 39013

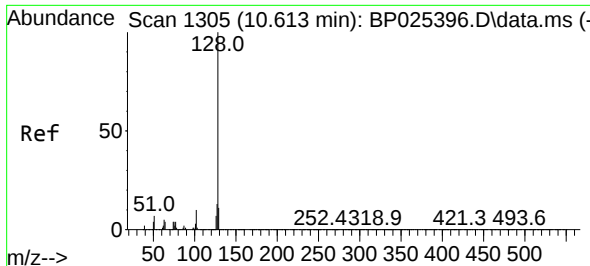
Ion Ratio Lower Upper

180 100

182 91.5 78.0 117.0

145 32.6 25.9 38.9

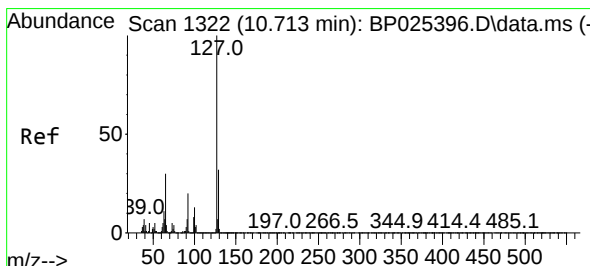
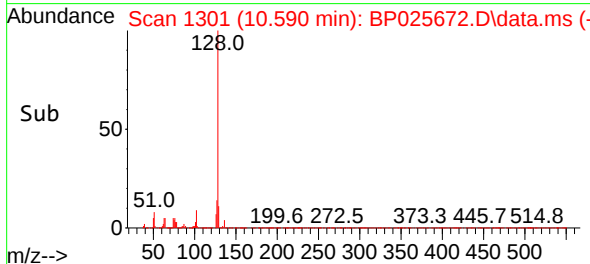
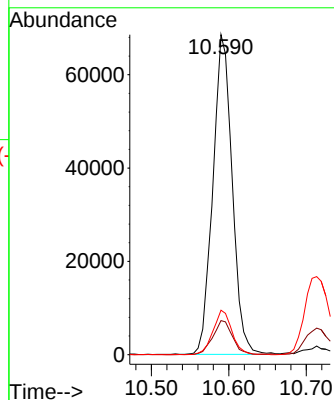
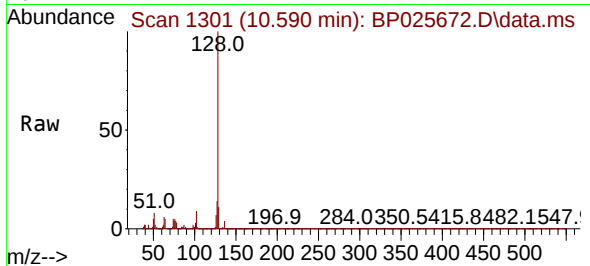




#31
Naphthalene
Concen: 3.587 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

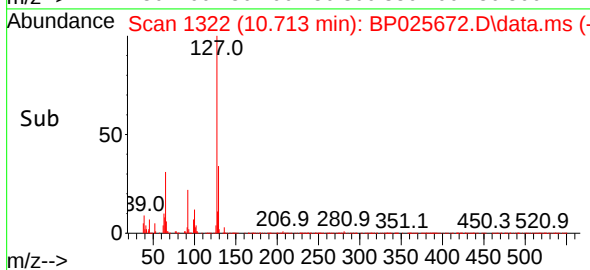
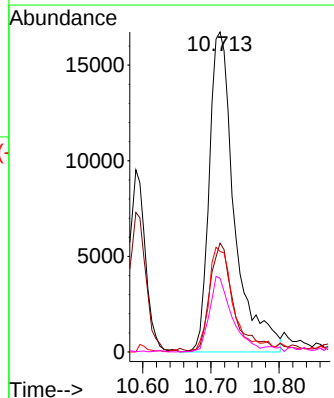
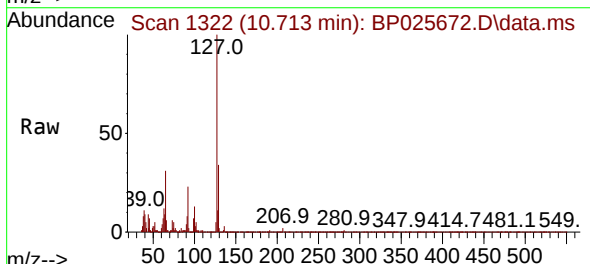
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

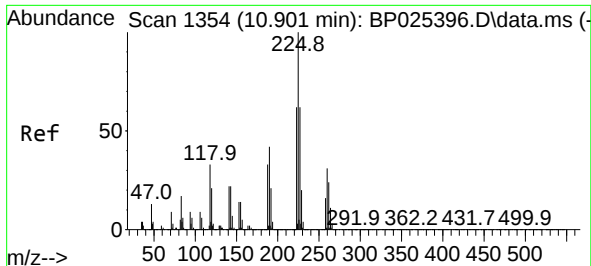
Tgt Ion:128 Resp: 118751
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.9 10.7 16.1



#33
4-Chloroaniline
Concen: 2.953 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:127 Resp: 43182
Ion Ratio Lower Upper
127 100
129 34.0 25.4 38.2
65 31.4 23.8 35.6
92 23.0 15.8 23.8

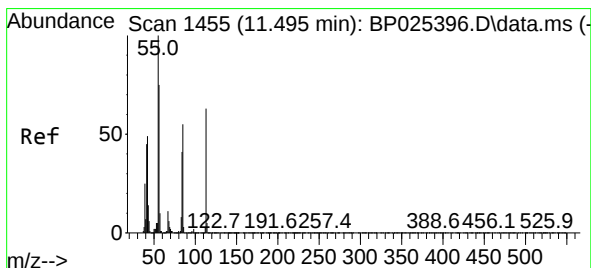
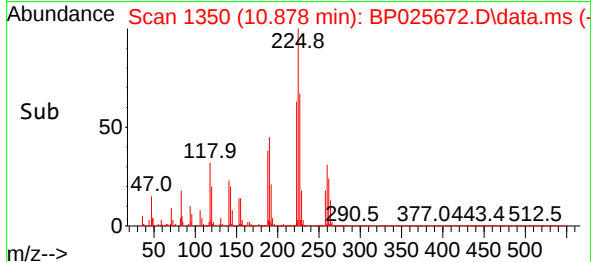
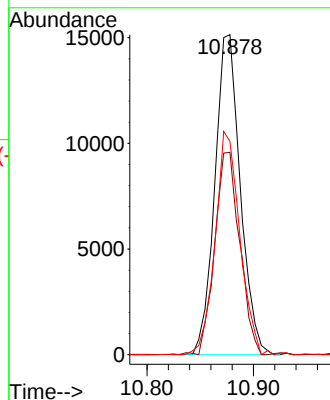
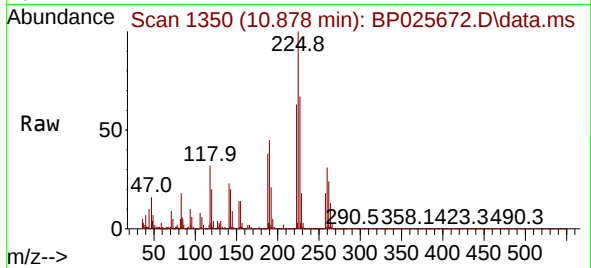




#34
Hexachlorobutadiene
Concen: 3.726 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

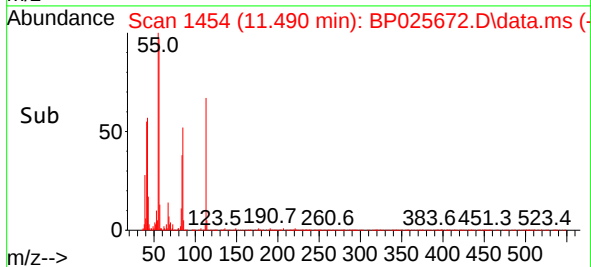
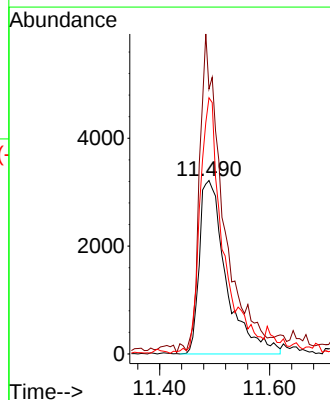
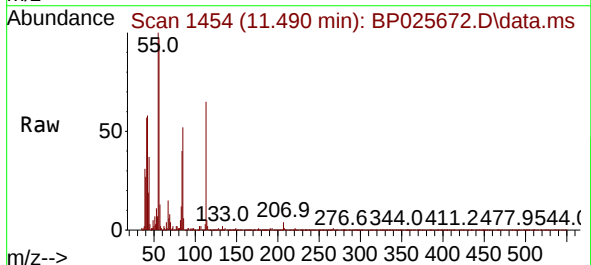
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

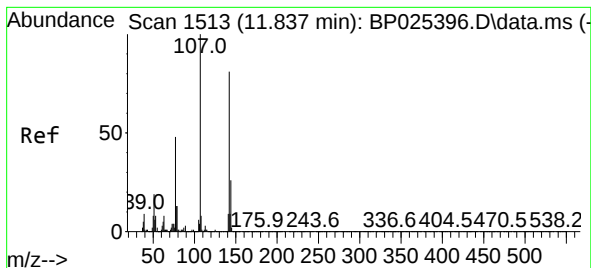
Tgt Ion:225 Resp: 25100
Ion Ratio Lower Upper
225 100
223 63.2 50.0 75.0
227 69.3 49.7 74.5



#35
Caprolactam
Concen: 3.024 ng
RT: 11.490 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:113 Resp: 10940
Ion Ratio Lower Upper
113 100
55 152.8 140.0 180.0
56 147.7 100.0 140.0#

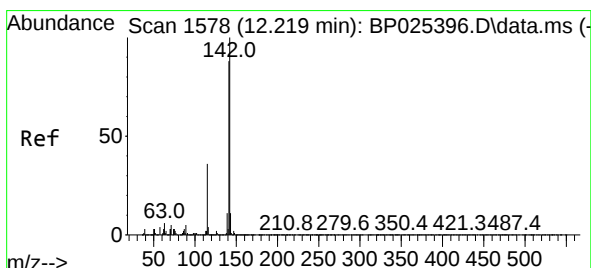
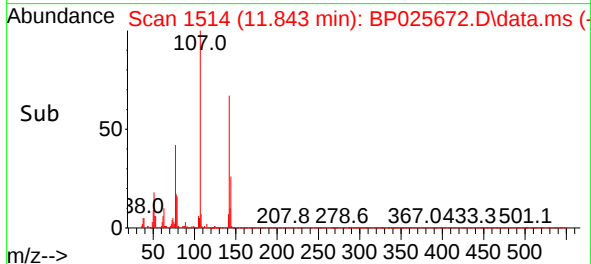
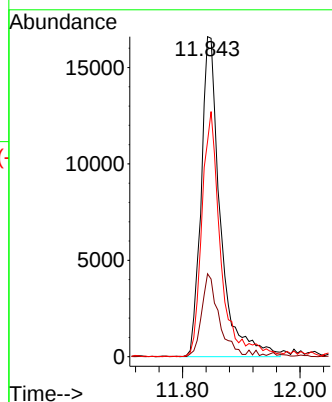
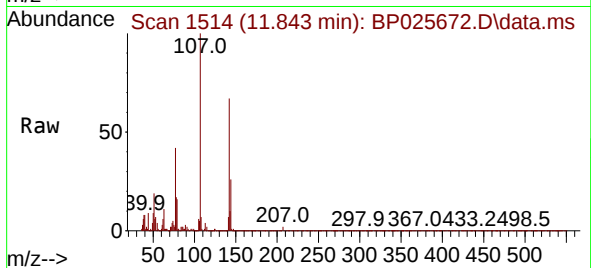




#36
4-Chloro-3-methylphenol
Concen: 3.343 ng
RT: 11.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

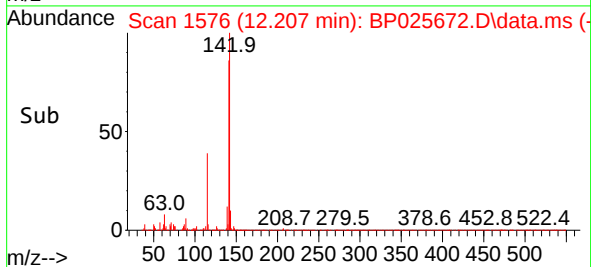
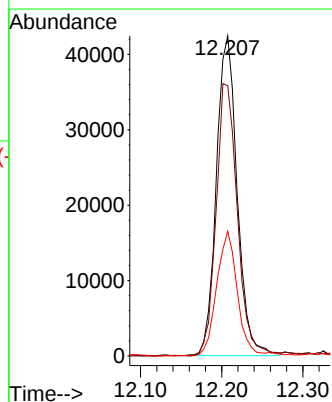
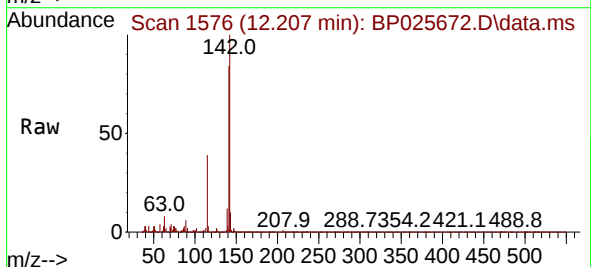
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

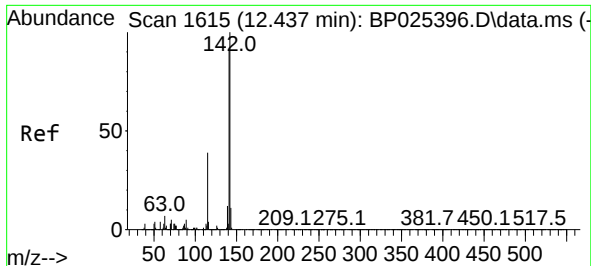
Tgt Ion:107 Resp: 37848
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.4
142 67.2 64.6 97.0



#37
2-Methylnaphthalene
Concen: 3.517 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:142 Resp: 75784
Ion Ratio Lower Upper
142 100
141 84.5 70.3 105.5
115 39.0 28.9 43.3

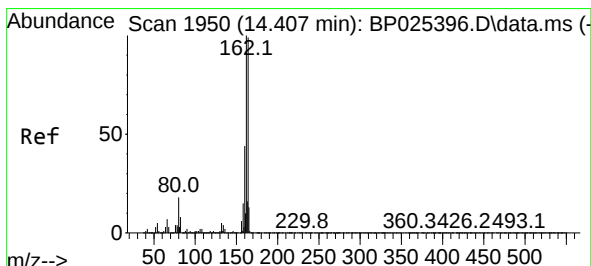
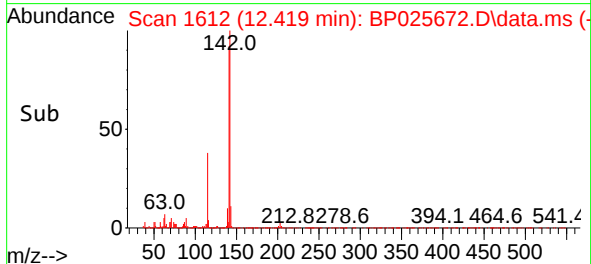
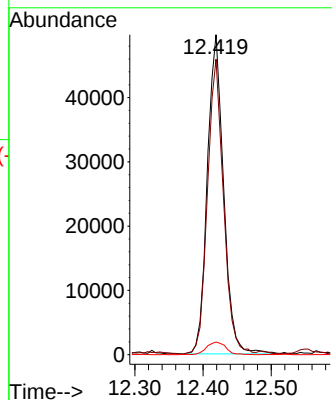
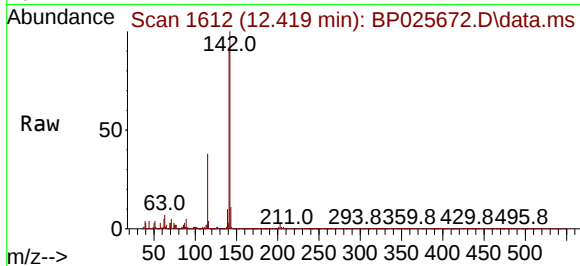




#38
1-Methylnaphthalene
Concen: 3.612 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

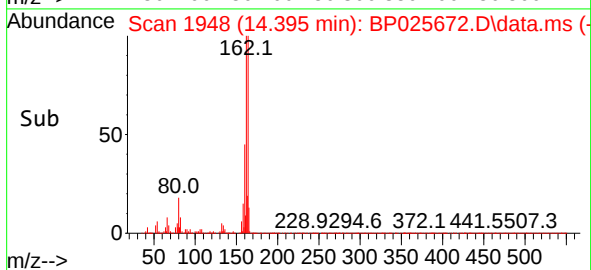
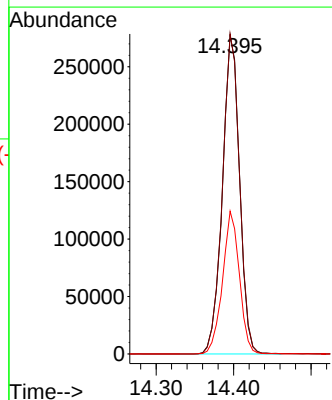
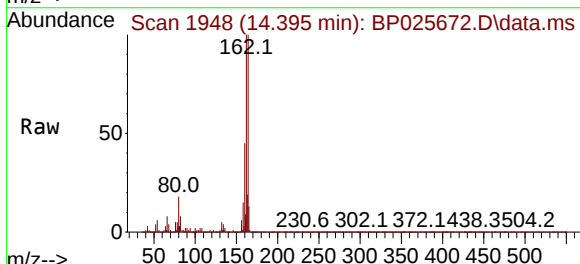
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

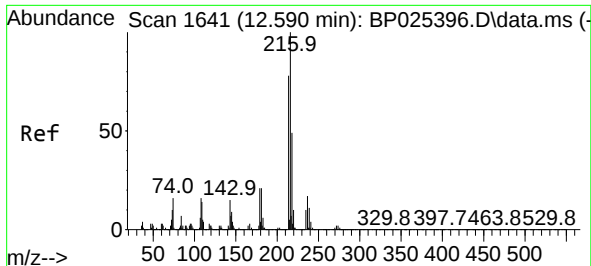
Tgt Ion:142 Resp: 82776
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:164 Resp: 427145
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 44.8 35.4 53.2

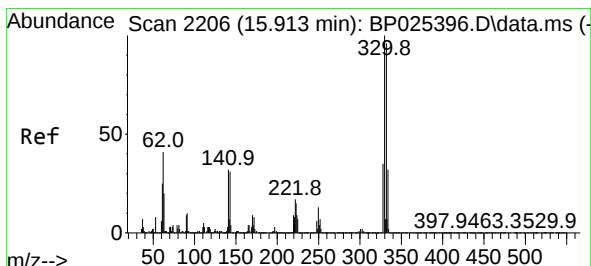
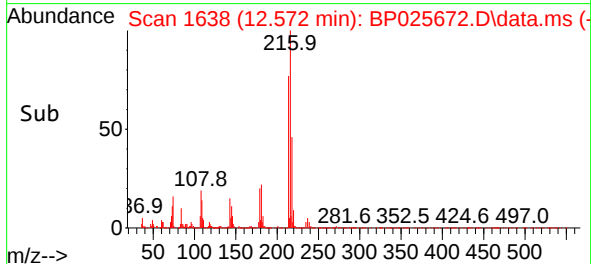
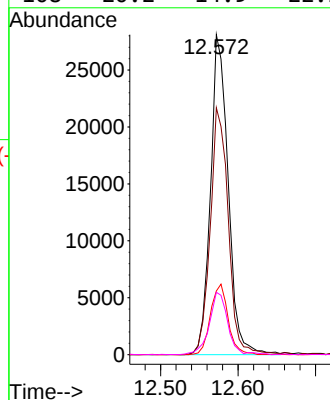
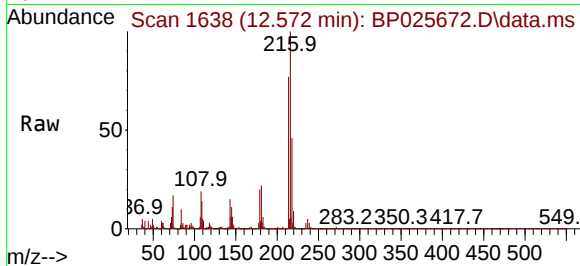




#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.617 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

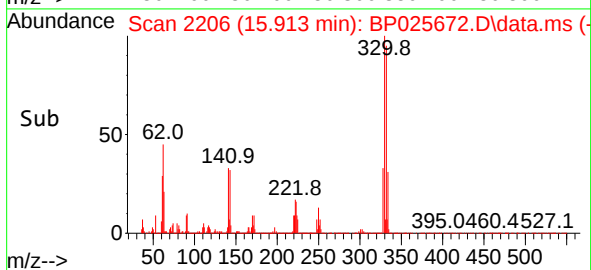
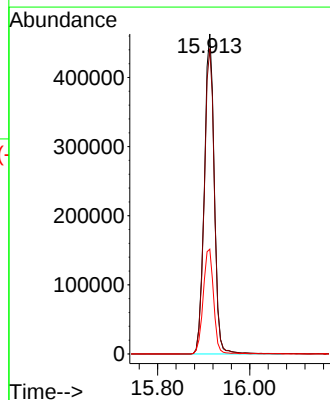
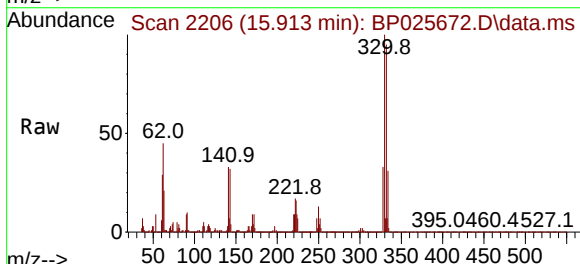
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

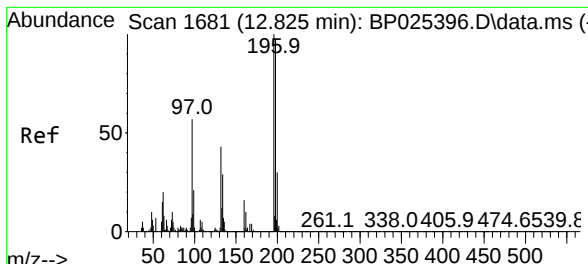
Tgt Ion:	216	Resp:	44627
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	21.9	17.1	25.7
108	20.2	14.9	22.3



#42
2,4,6-Tribromophenol
Concen: 121.575 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:	330	Resp:	698986
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	34.3	26.6	39.8

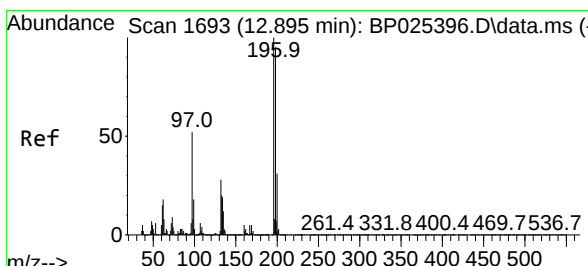
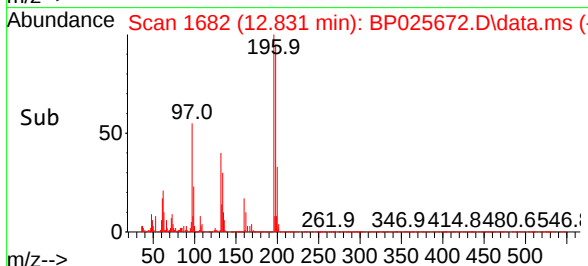
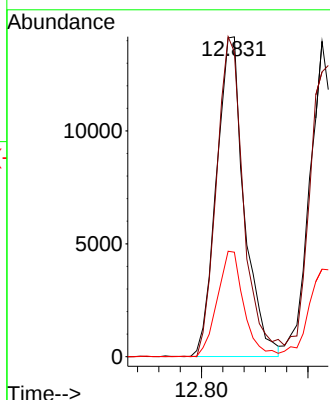
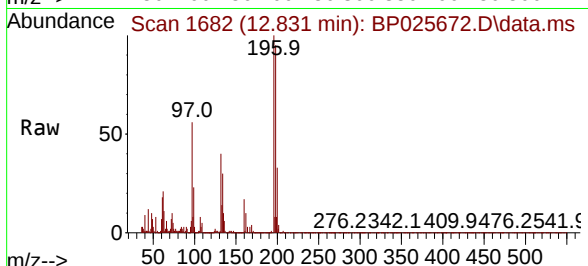




#43
 2,4,6-Trichlorophenol
 Concen: 3.078 ng
 RT: 12.831 min Scan# 1682
 Delta R.T. 0.006 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

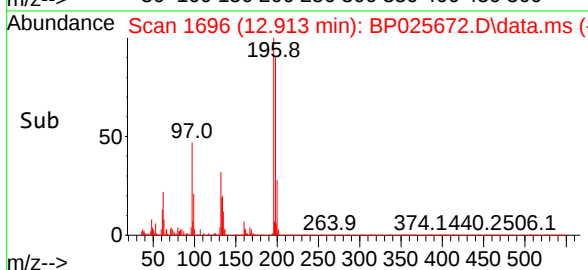
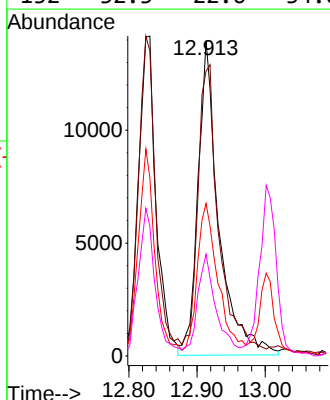
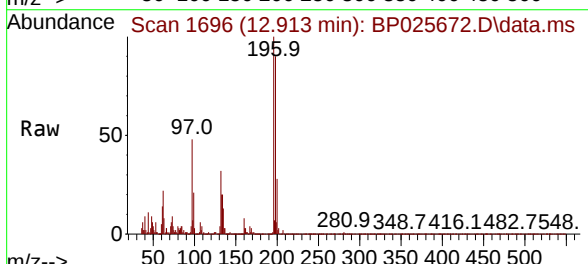
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

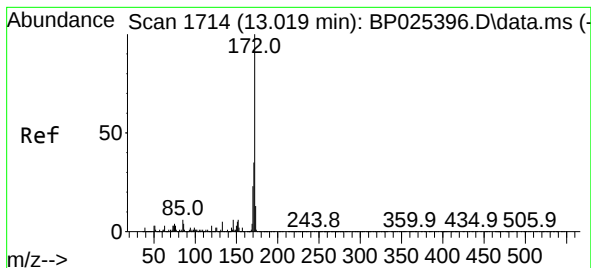
Tgt Ion:196	Resp:	25631
Ion Ratio	Lower	Upper
196	100	
198	95.3	77.2 115.8
200	32.7	23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 3.251 ng
 RT: 12.913 min Scan# 1696
 Delta R.T. 0.018 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

Tgt Ion:196	Resp:	29670
Ion Ratio	Lower	Upper
196	100	
198	90.3	76.2 114.2
97	48.4	41.2 61.8
132	32.3	22.6 34.0





#45

2-Fluorobiphenyl

Concen: 72.444 ng

RT: 13.007 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

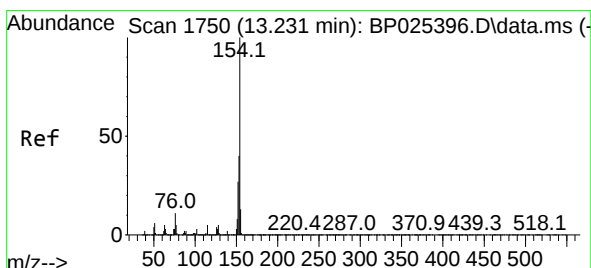
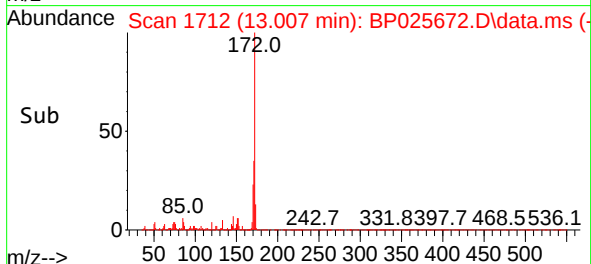
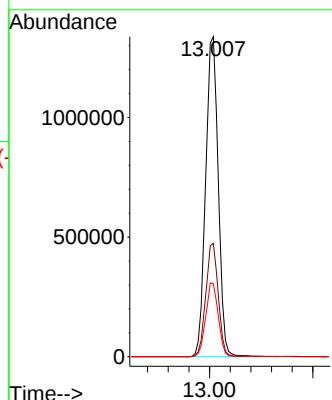
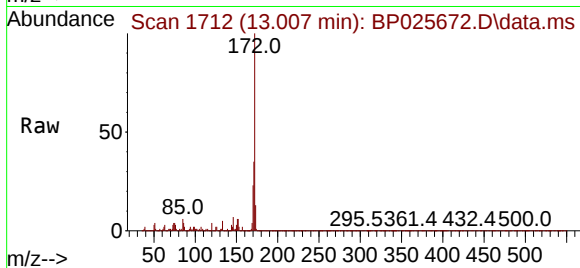
Tgt Ion:172 Resp: 2264183

Ion Ratio Lower Upper

172 100

171 35.4 28.1 42.1

170 22.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 3.671 ng

RT: 13.213 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

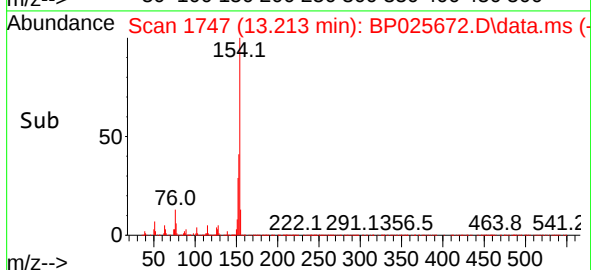
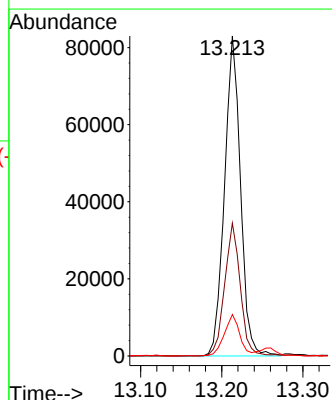
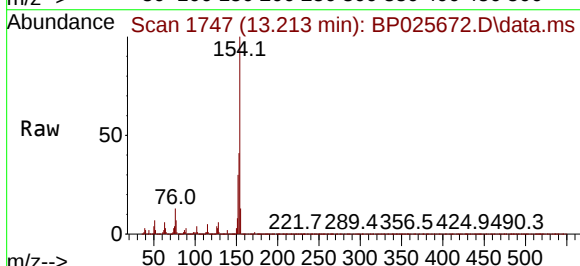
Tgt Ion:154 Resp: 113881

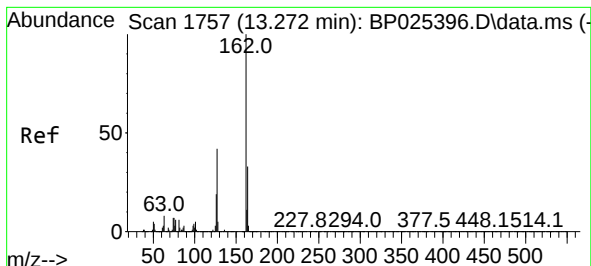
Ion Ratio Lower Upper

154 100

153 41.5 19.5 59.5

76 13.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 3.561 ng

RT: 13.254 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

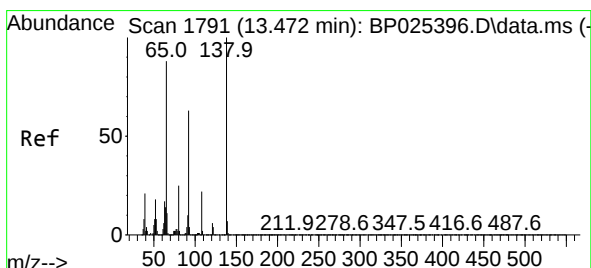
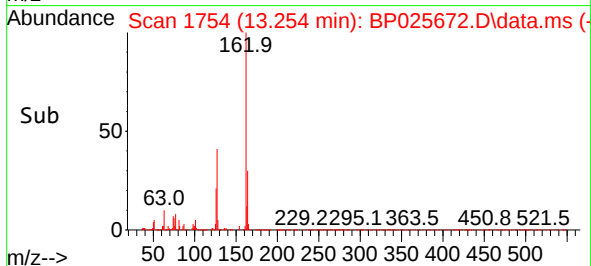
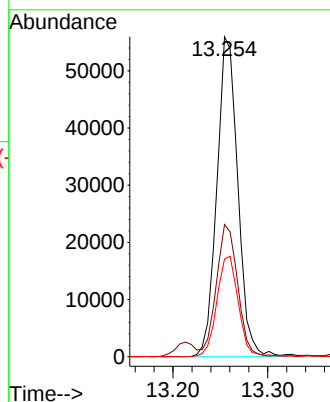
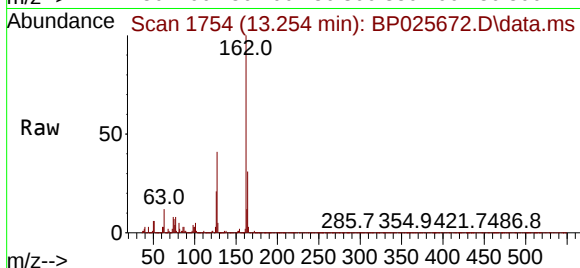
Tgt Ion:162 Resp: 85999

Ion Ratio Lower Upper

162 100

127 41.3 33.4 50.2

164 30.5 26.2 39.2



#48

2-Nitroaniline

Concen: 3.203 ng

RT: 13.472 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

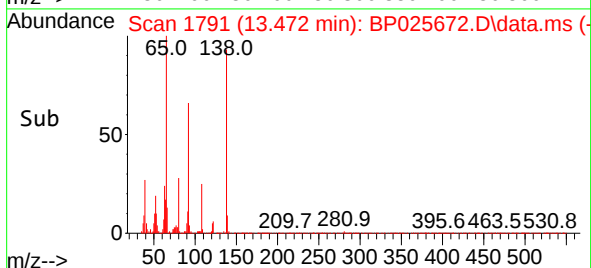
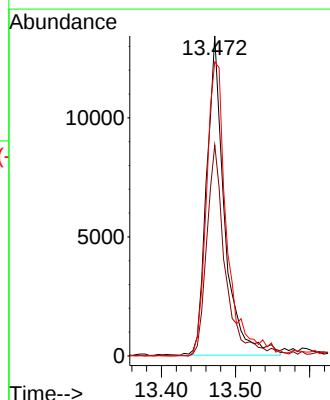
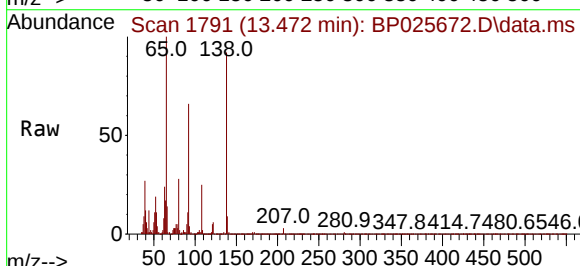
Tgt Ion: 65 Resp: 22538

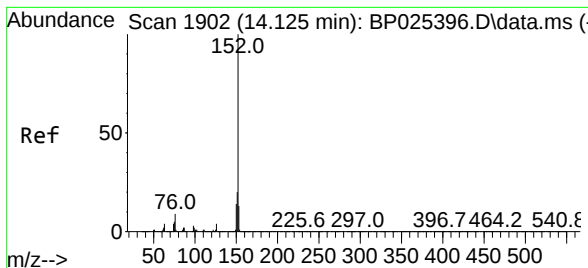
Ion Ratio Lower Upper

65 100

92 65.9 57.6 86.4

138 91.9 91.0 136.6





#49

Acenaphthylene

Concen: 3.463 ng

RT: 14.119 min Scan# 1902

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

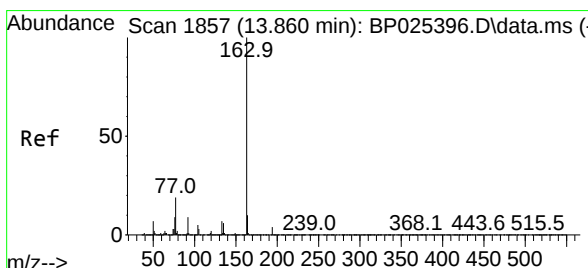
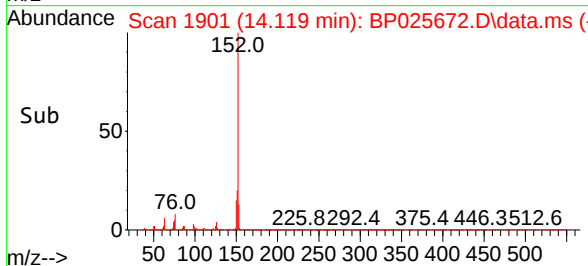
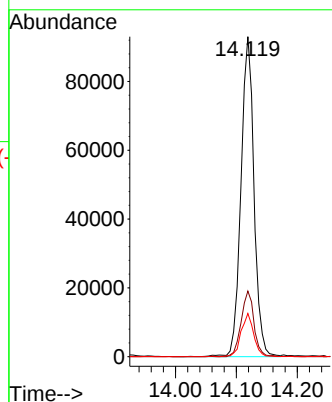
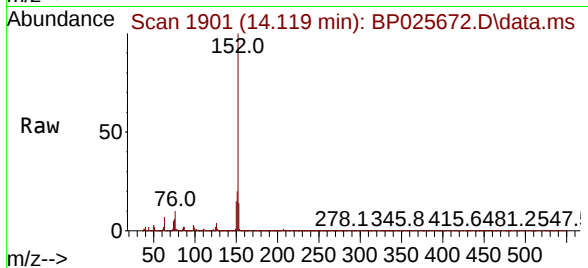
Tgt Ion:152 Resp: 138405

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 3.654 ng

RT: 13.842 min Scan# 1854

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

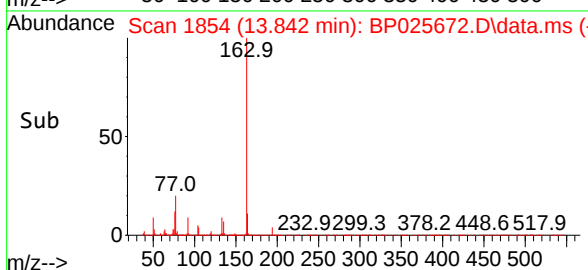
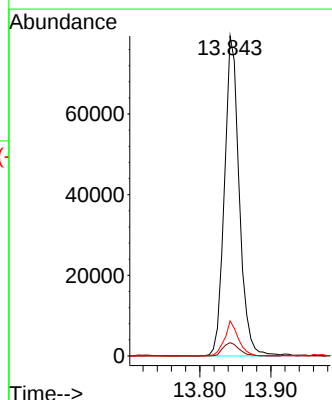
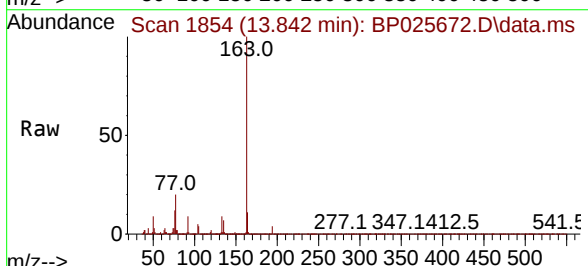
Tgt Ion:163 Resp: 114308

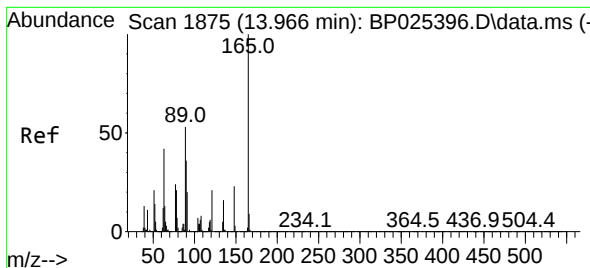
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.9 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 3.330 ng

RT: 13.966 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

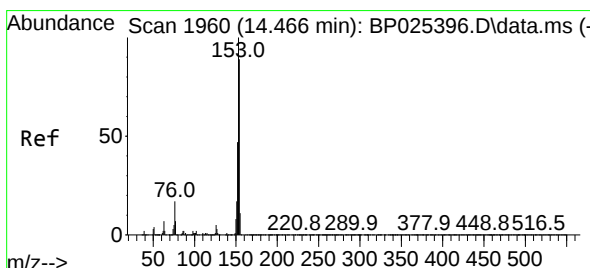
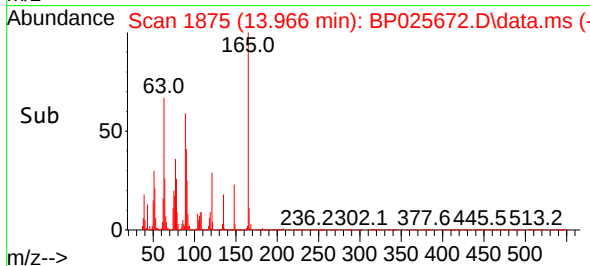
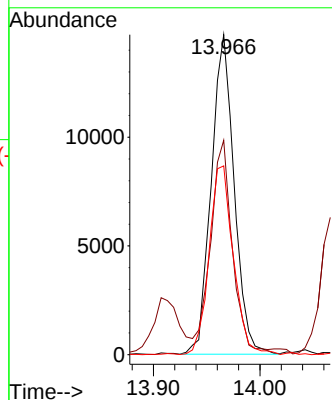
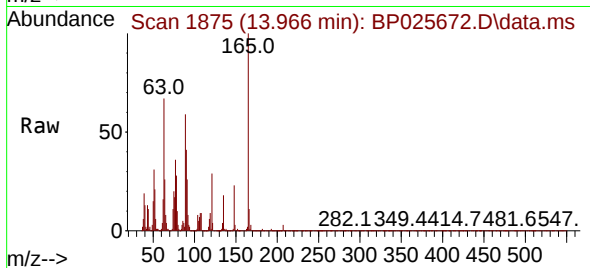
Tgt Ion:165 Resp: 21956

Ion Ratio Lower Upper

165 100

63 67.0 40.9 61.3#

89 59.0 42.1 63.1



#52

Acenaphthene

Concen: 3.557 ng

RT: 14.460 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

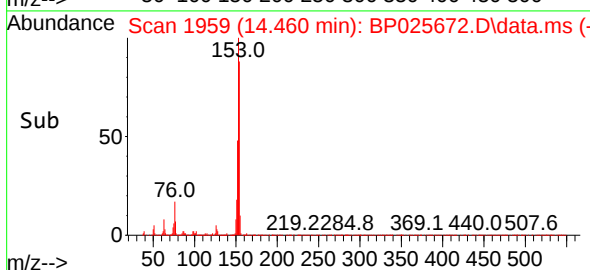
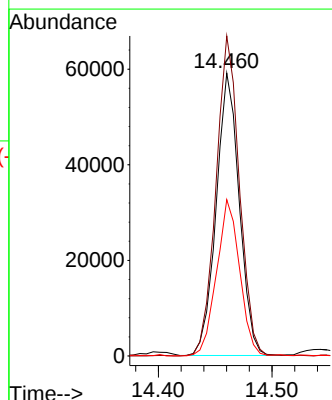
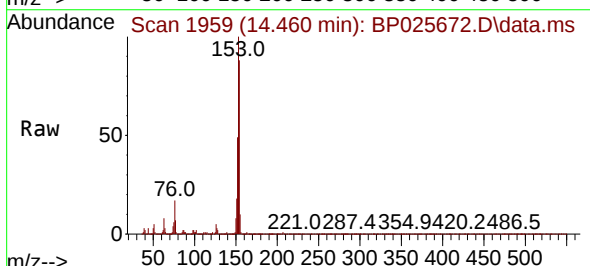
Tgt Ion:154 Resp: 83426

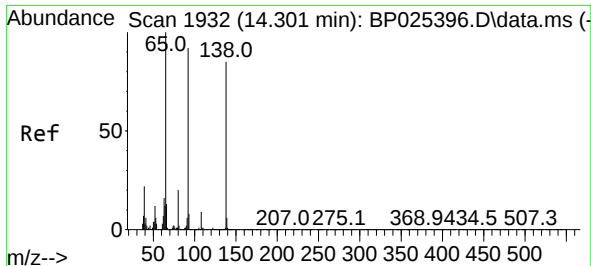
Ion Ratio Lower Upper

154 100

153 113.1 90.2 135.2

152 55.3 42.1 63.1

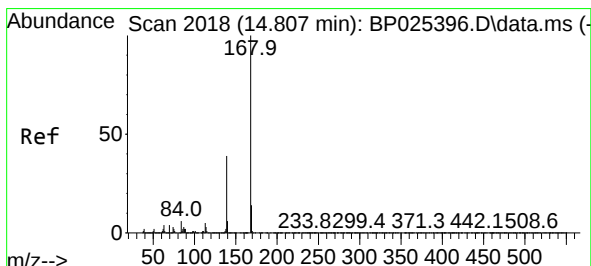
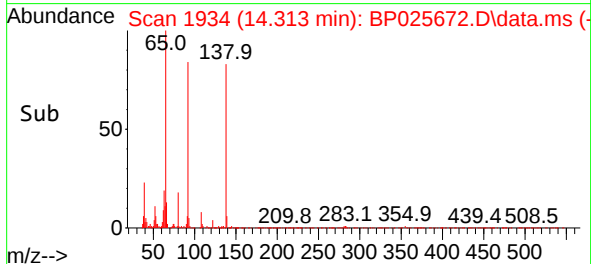
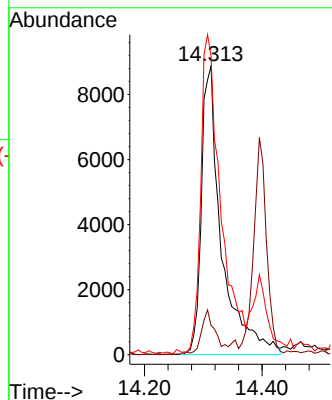
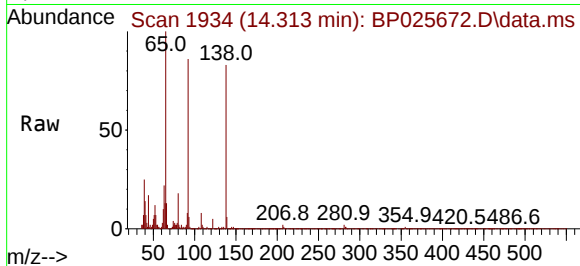




#53
3-Nitroaniline
Concen: 2.851 ng
RT: 14.313 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

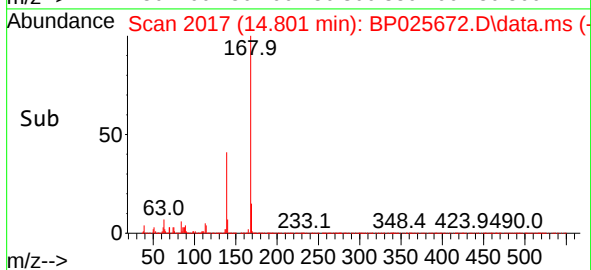
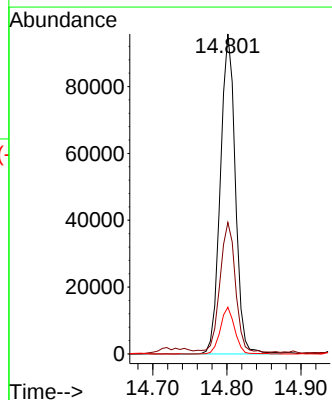
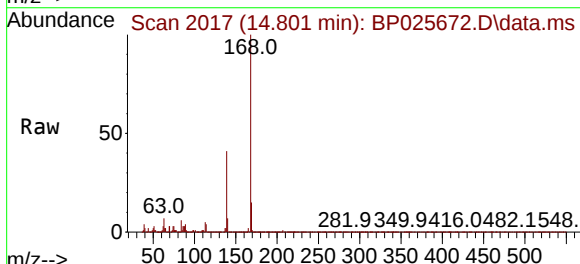
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

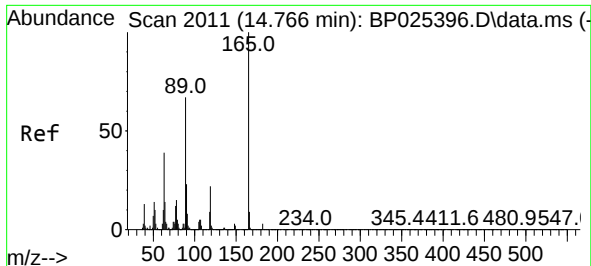
Tgt Ion:138 Resp: 21151
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 103.4 86.2 129.2



#55
Dibenzofuran
Concen: 3.630 ng
RT: 14.801 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:168 Resp: 134617
Ion Ratio Lower Upper
168 100
139 41.1 31.5 47.3
169 14.6 10.9 16.3

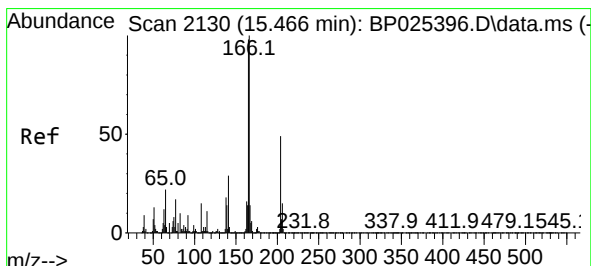
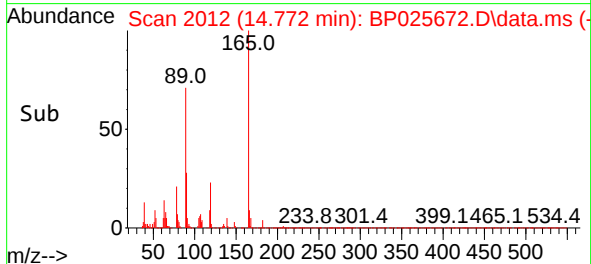
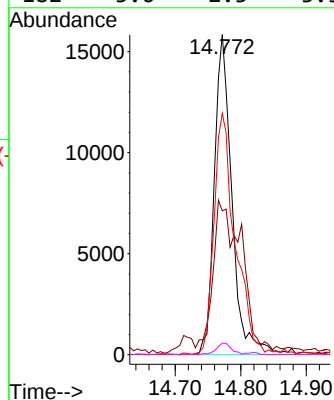
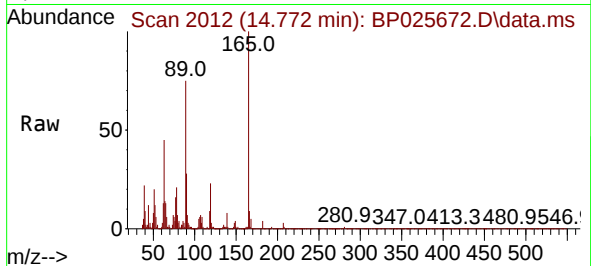




#57
2,4-Dinitrotoluene
Concen: 3.114 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

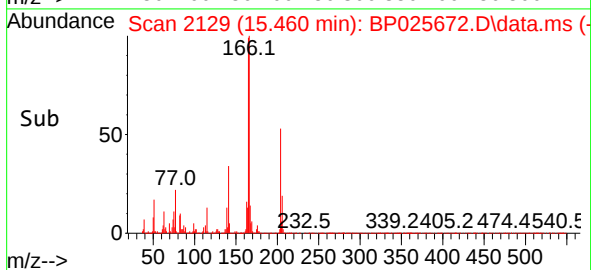
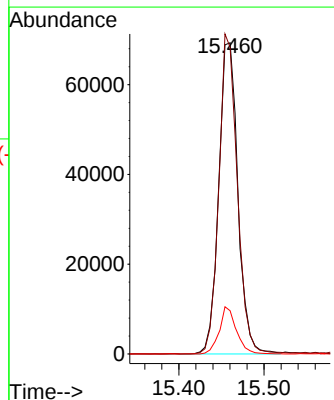
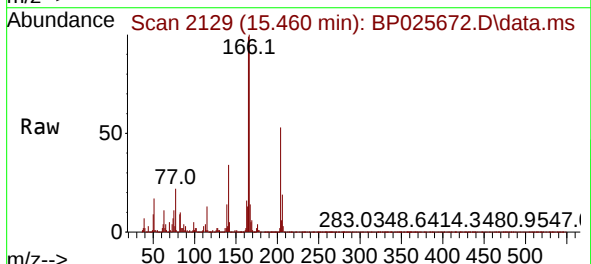
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

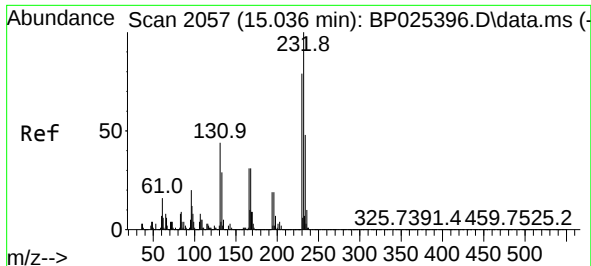
Tgt Ion:165 Resp: 29287
Ion Ratio Lower Upper
165 100
63 44.9 31.4 47.2
89 75.4 53.3 79.9
182 3.6 2.3 3.5#



#58
Fluorene
Concen: 3.700 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:166 Resp: 108259
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.9 11.0 16.4

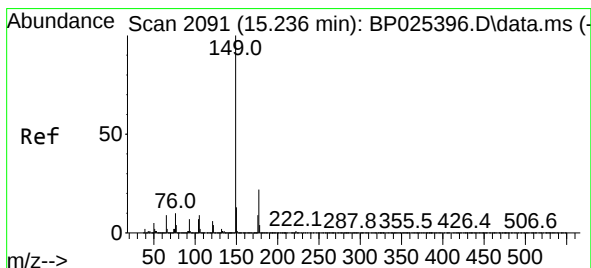
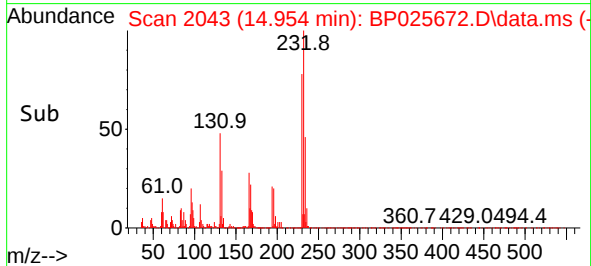
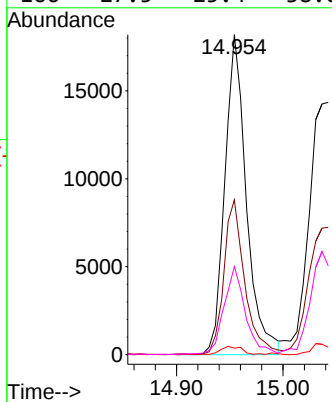
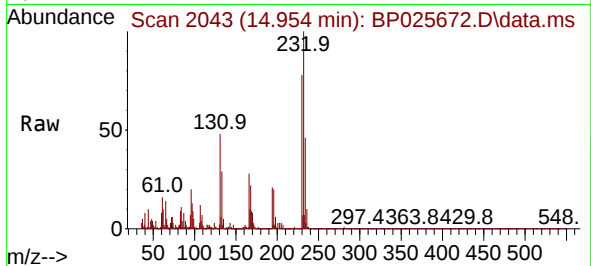




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.169 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.082 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

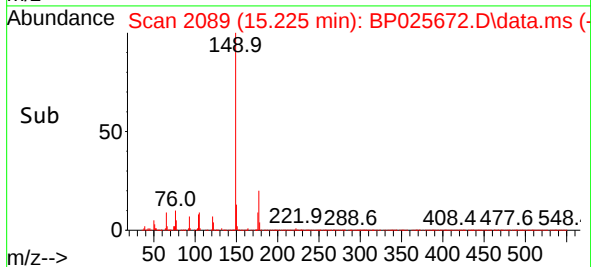
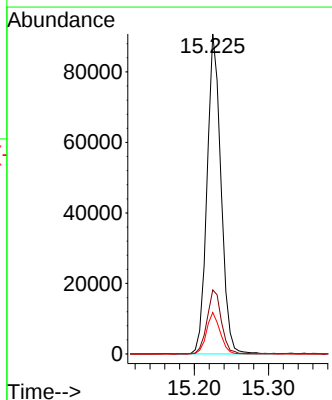
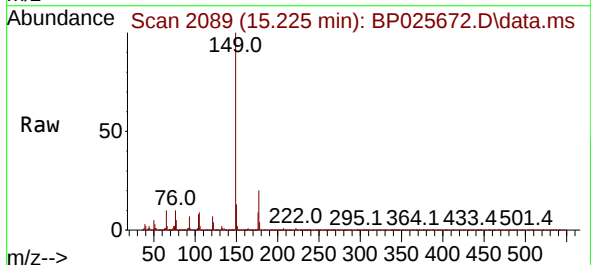
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

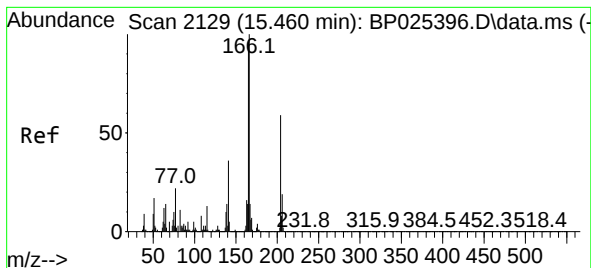
Tgt Ion:	232	Resp:	25543
Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.0	55.6
130	2.6	1.9	2.9
166	27.5	25.4	38.0



#60
Diethylphthalate
Concen: 3.725 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:	149	Resp:	118406
Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.3	25.9
150	12.9	10.3	15.5

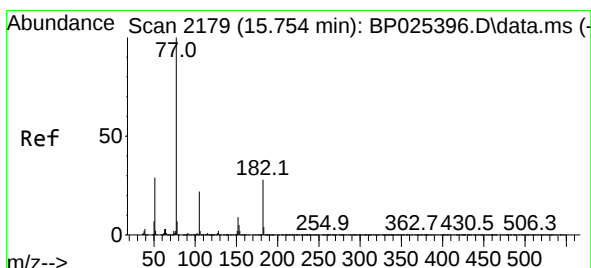
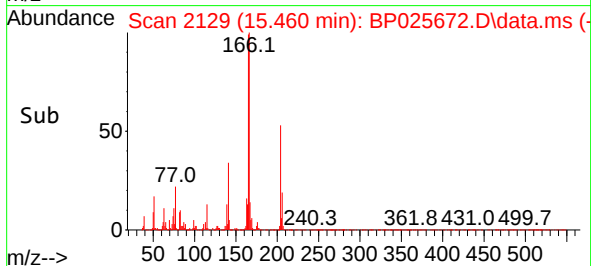
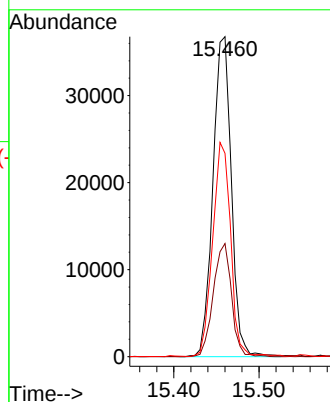
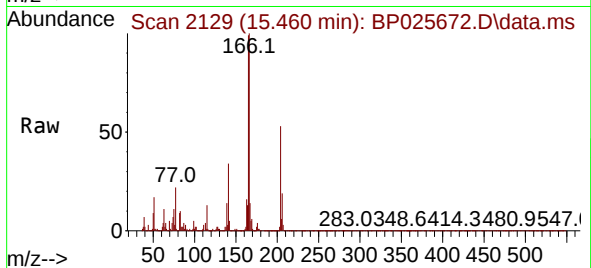




#61
4-Chlorophenyl-phenylether
Concen: 3.794 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

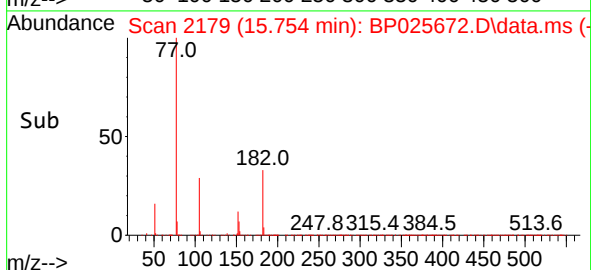
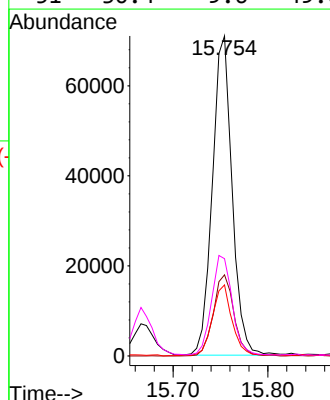
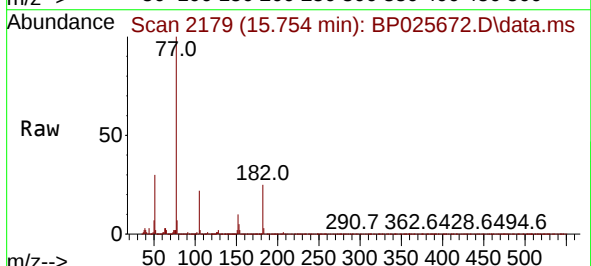
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

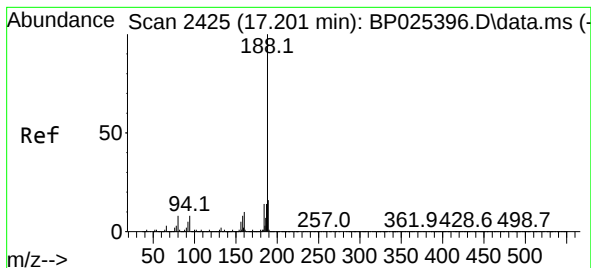
Tgt Ion: 204 Resp: 55222
Ion Ratio Lower Upper
204 100
206 35.4 25.8 38.8
141 63.6 49.4 74.2



#63
Azobenzene
Concen: 3.770 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 77 Resp: 102606
Ion Ratio Lower Upper
77 100
182 25.4 7.5 47.5
105 22.2 2.1 42.1
51 30.4 9.6 49.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

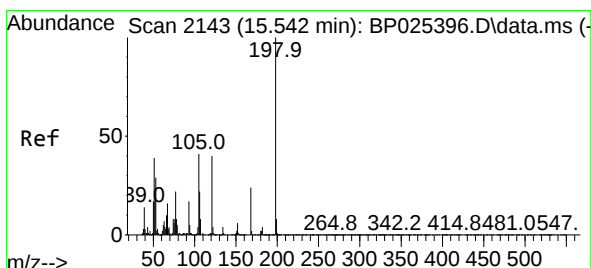
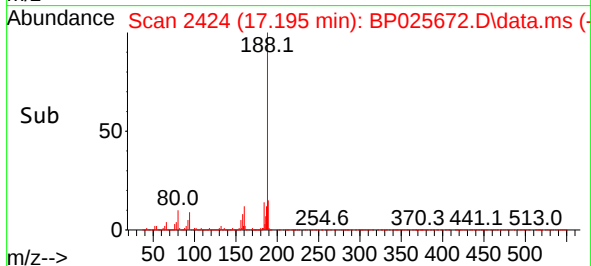
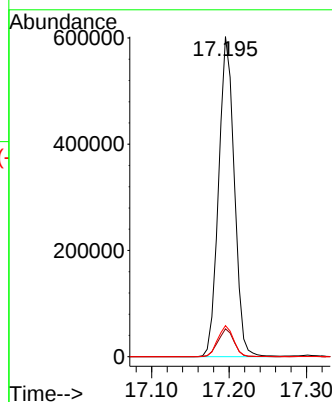
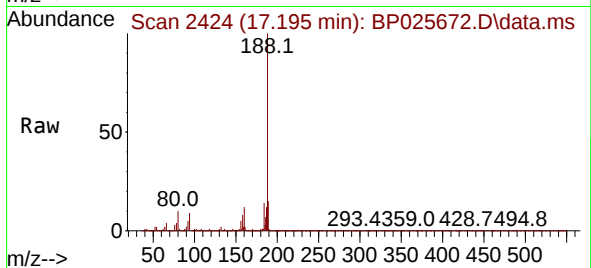
Tgt Ion:188 Resp: 847120

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.7 6.7 10.1



#65

4,6-Dinitro-2-methylphenol

Concen: 2.356 ng

RT: 15.566 min Scan# 2147

Delta R.T. 0.024 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

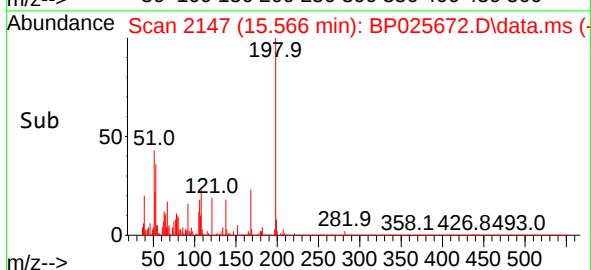
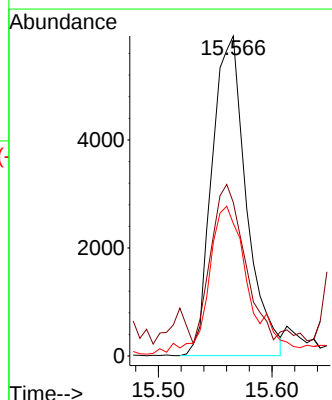
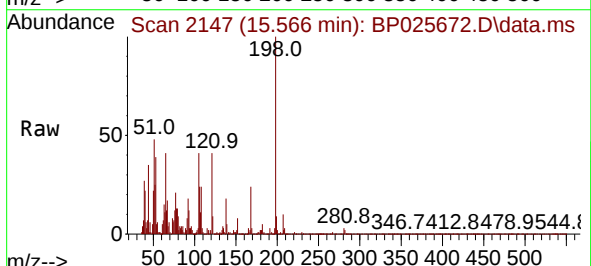
Tgt Ion:198 Resp: 12439

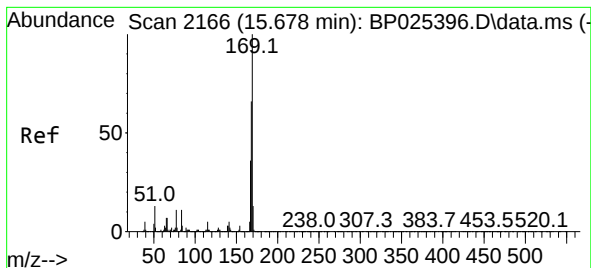
Ion Ratio Lower Upper

198 100

51 47.9 19.6 59.6

105 41.4 20.9 60.9





#66

n-Nitrosodiphenylamine

Concen: 3.637 ng

RT: 15.672 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

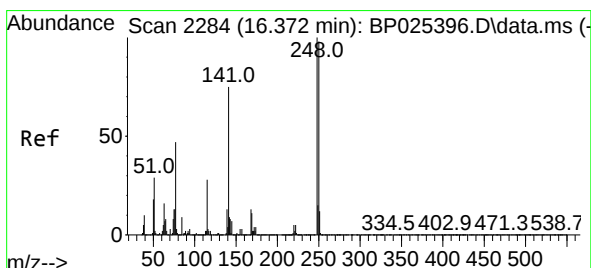
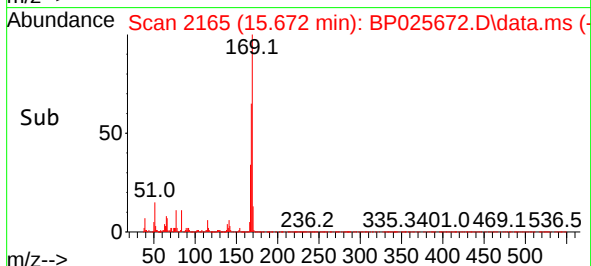
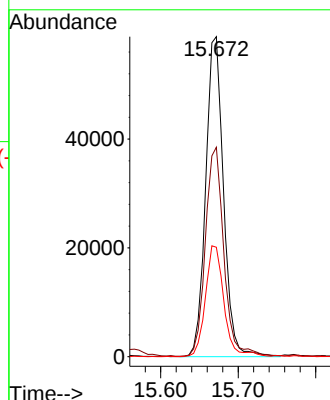
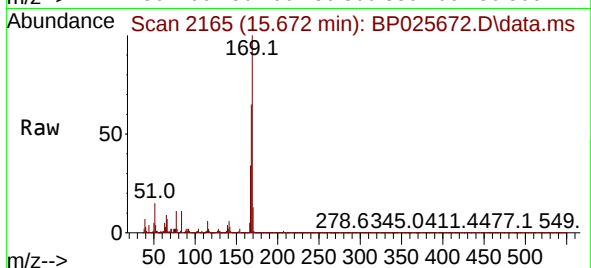
Tgt Ion:169 Resp: 93959

Ion Ratio Lower Upper

169 100

168 65.4 53.2 79.8

167 34.2 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 3.788 ng

RT: 16.372 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

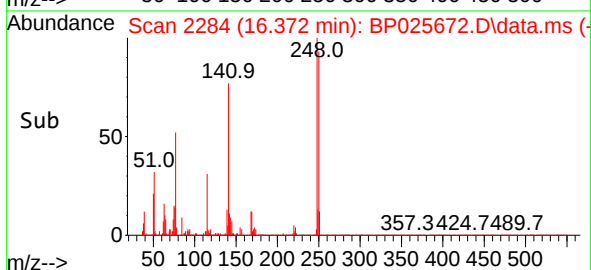
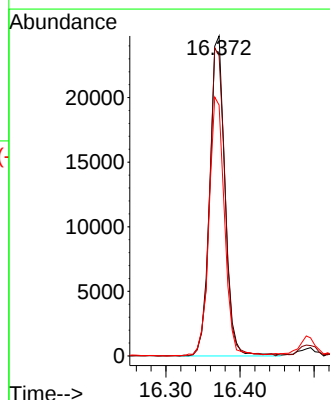
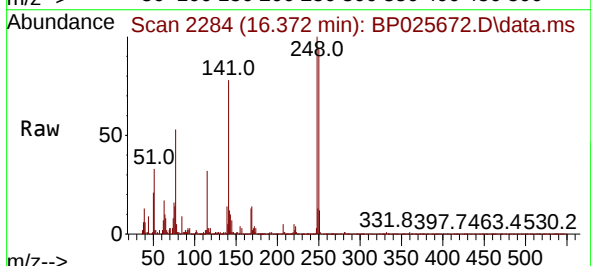
Tgt Ion:248 Resp: 35291

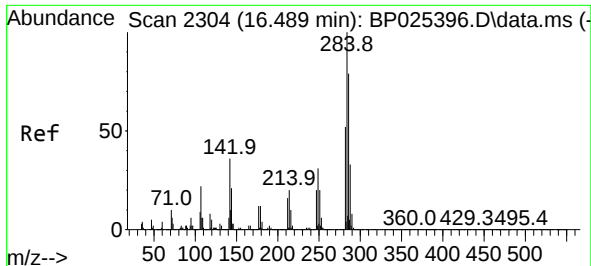
Ion Ratio Lower Upper

248 100

250 93.8 78.2 117.2

141 78.4 59.6 89.4

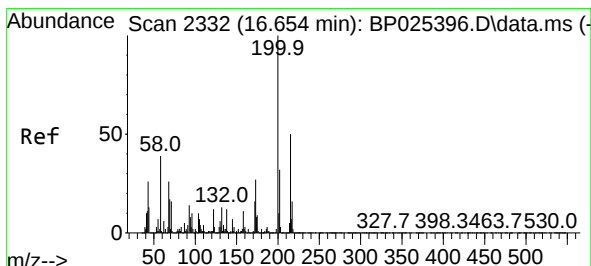
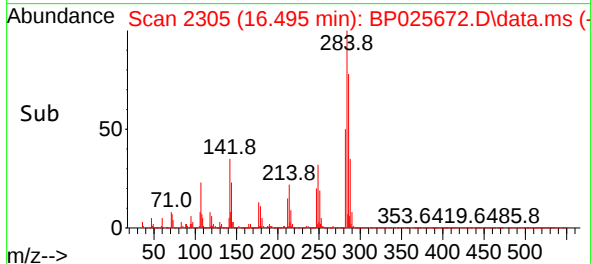
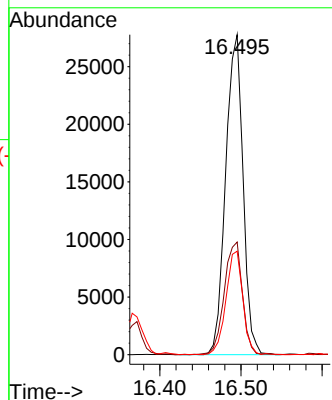
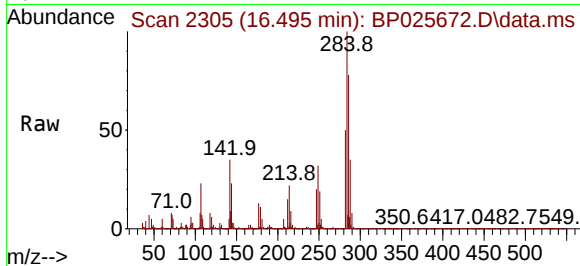




#68
Hexachlorobenzene
Concen: 3.826 ng
RT: 16.495 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

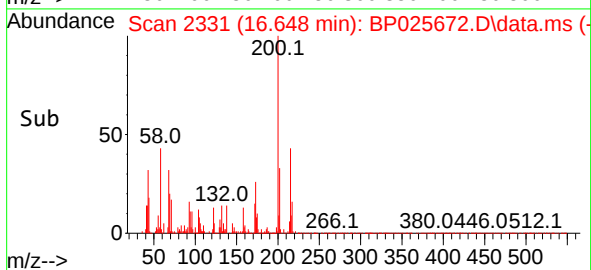
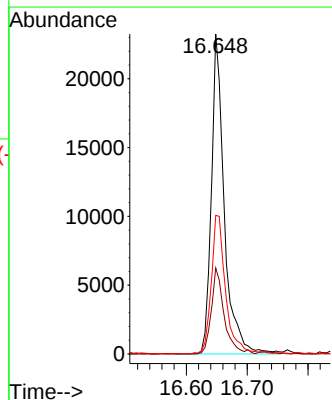
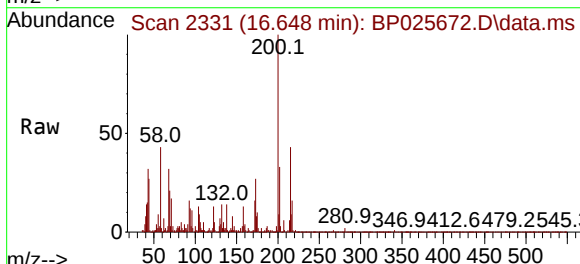
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

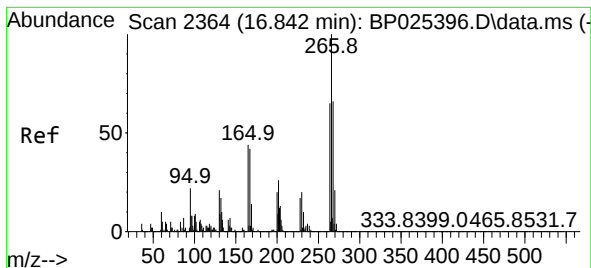
Tgt Ion:284 Resp: 41324
Ion Ratio Lower Upper
284 100
142 35.2 29.1 43.7
249 32.3 25.0 37.4



#69
Atrazine
Concen: 3.546 ng
RT: 16.648 min Scan# 2331
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:200 Resp: 34308
Ion Ratio Lower Upper
200 100
173 26.9 6.7 46.7
215 43.3 29.7 69.7





#70

Pentachlorophenol

Concen: 2.690 ng

RT: 16.860 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

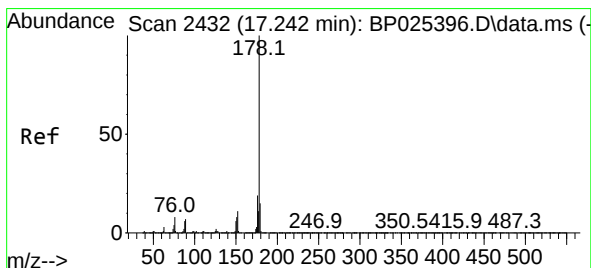
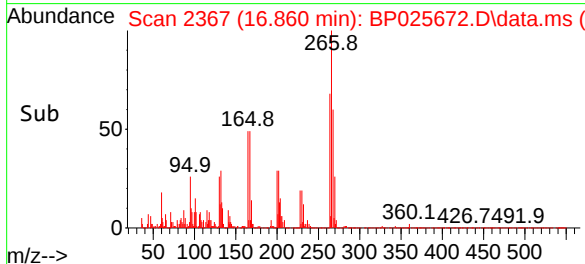
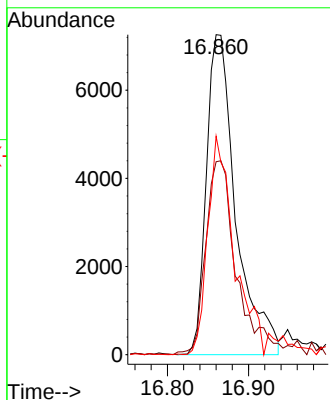
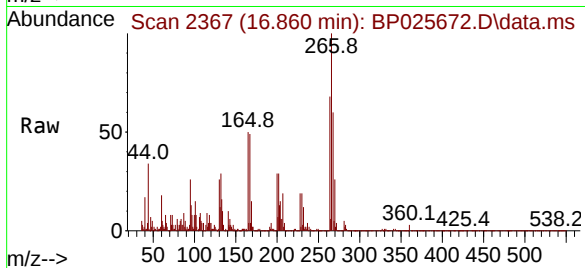
Tgt Ion:266 Resp: 18340

Ion Ratio Lower Upper

266 100

268 60.3 52.6 79.0

264 68.3 52.0 78.0



#71

Phenanthrene

Concen: 3.800 ng

RT: 17.236 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

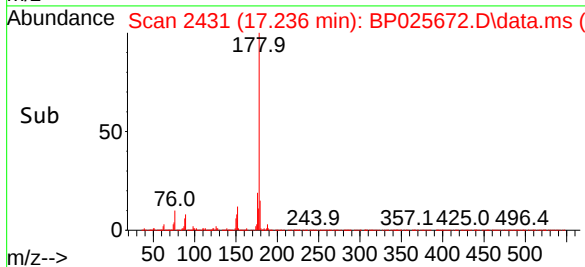
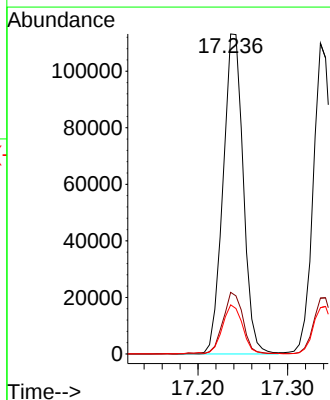
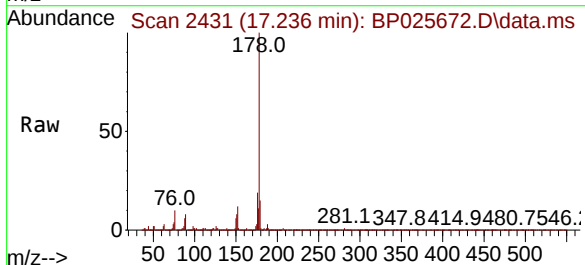
Tgt Ion:178 Resp: 176814

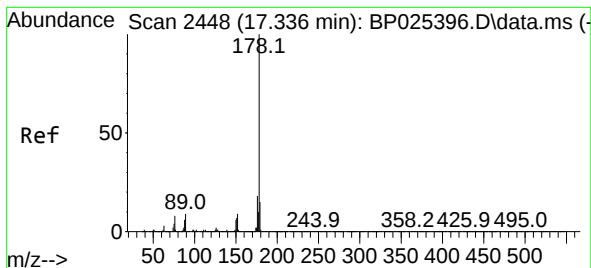
Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.4 12.2 18.4





#72

Anthracene

Concen: 3.606 ng

RT: 17.336 min Scan# 2448

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

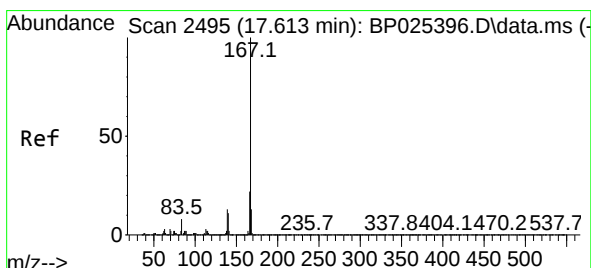
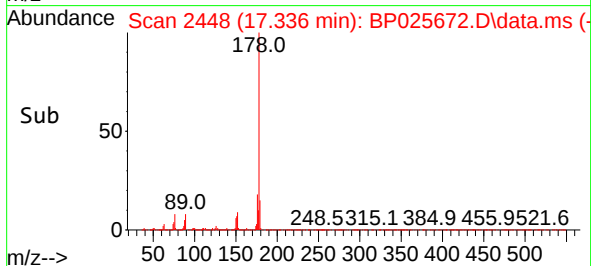
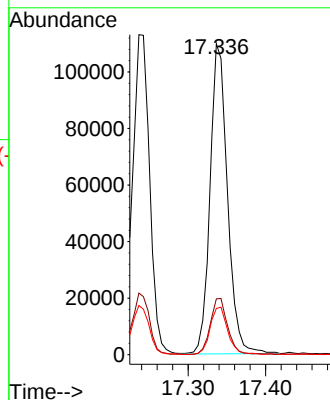
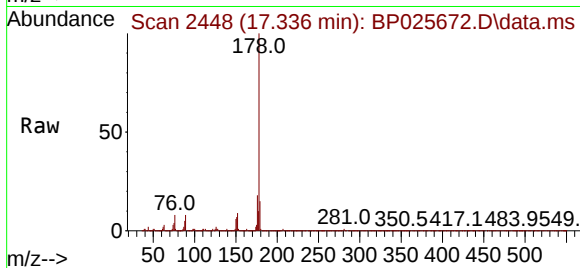
Tgt Ion:178 Resp: 171351

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 14.9 12.2 18.2



#73

Carbazole

Concen: 3.427 ng

RT: 17.625 min Scan# 2497

Delta R.T. 0.012 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

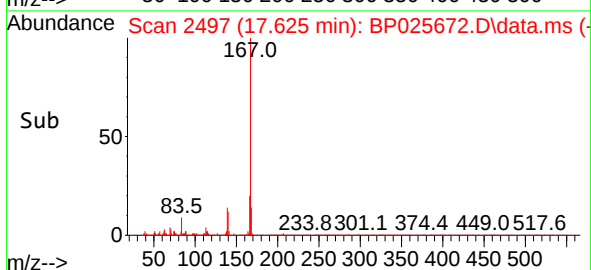
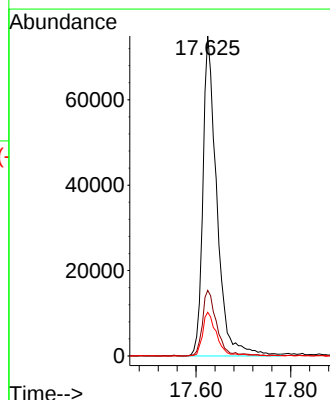
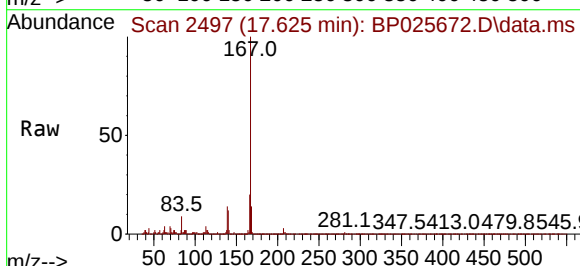
Tgt Ion:167 Resp: 153413

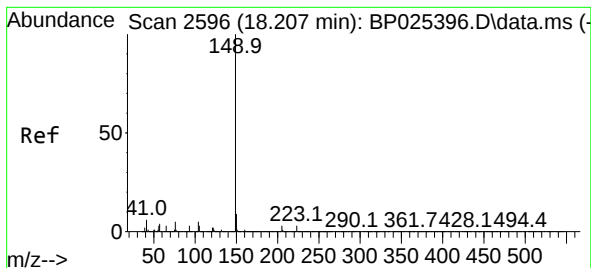
Ion Ratio Lower Upper

167 100

166 20.5 17.5 26.3

139 13.7 10.6 16.0





#74

Di-n-butylphthalate

Concen: 3.510 ng

RT: 18.207 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

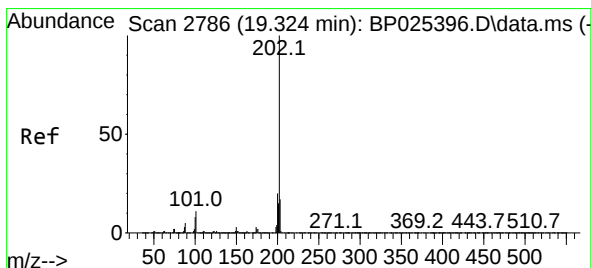
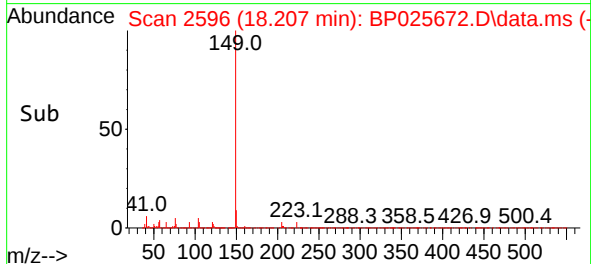
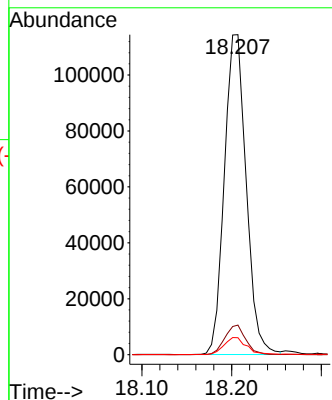
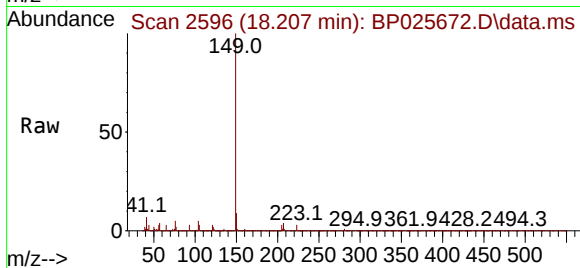
Tgt Ion:149 Resp: 193312

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.3 4.2 6.2



#75

Fluoranthene

Concen: 3.683 ng

RT: 19.319 min Scan# 2785

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

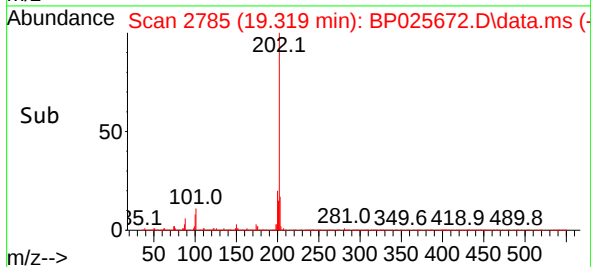
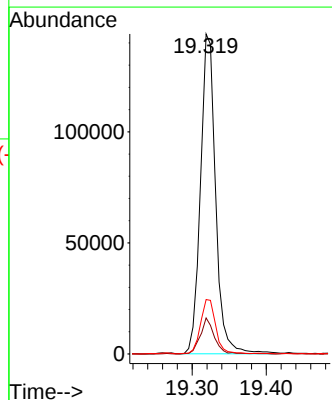
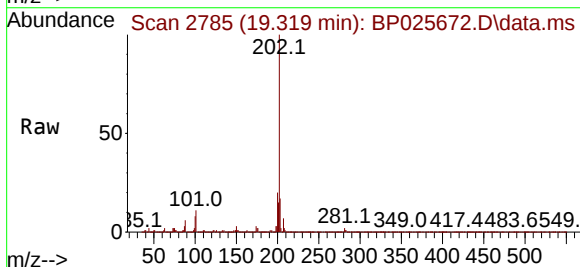
Tgt Ion:202 Resp: 204431

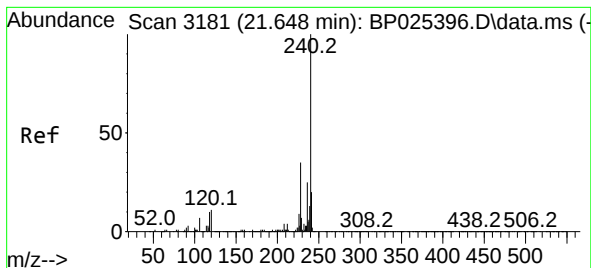
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.1

203 17.0 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

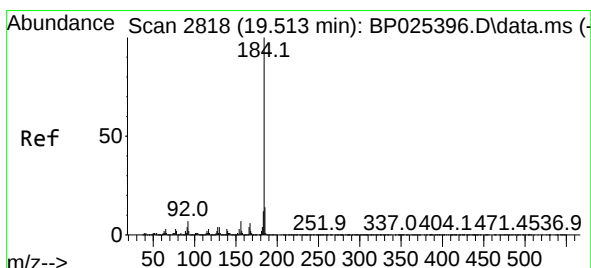
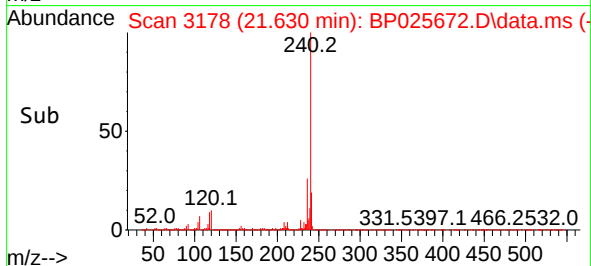
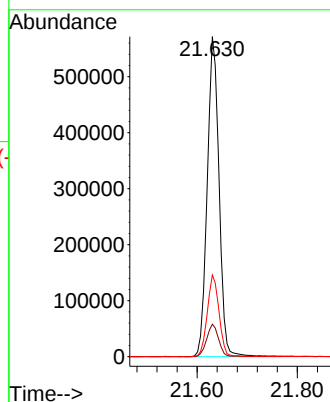
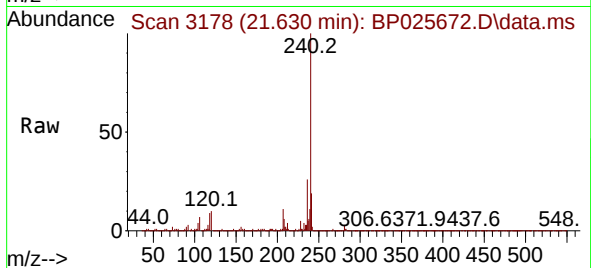
Tgt Ion:240 Resp: 935440

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.6 19.8 29.8



#77

Benzidine

Concen: 2.544 ng

RT: 19.530 min Scan# 2821

Delta R.T. 0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

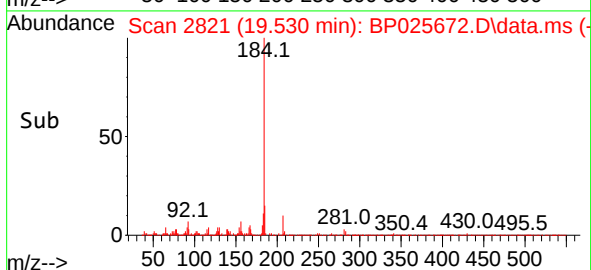
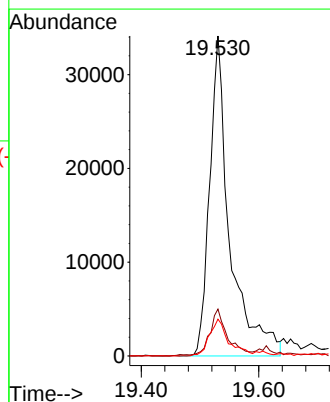
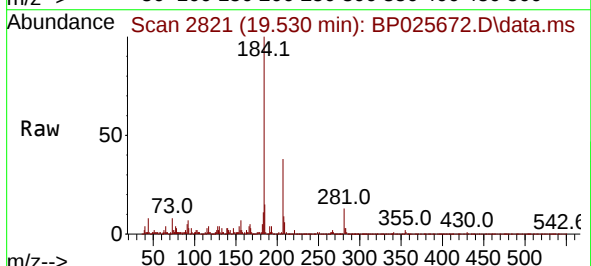
Tgt Ion:184 Resp: 81210

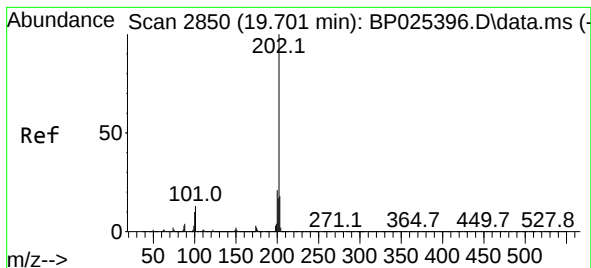
Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 11.5 9.4 14.2





#78

Pyrene

Concen: 3.495 ng

RT: 19.695 min Scan# 2849

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

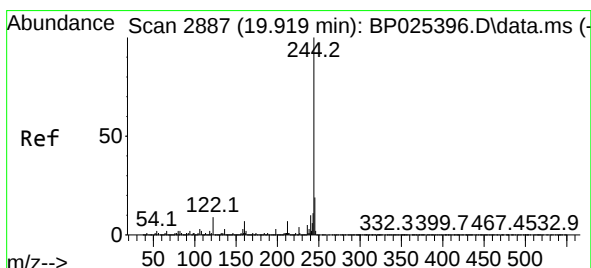
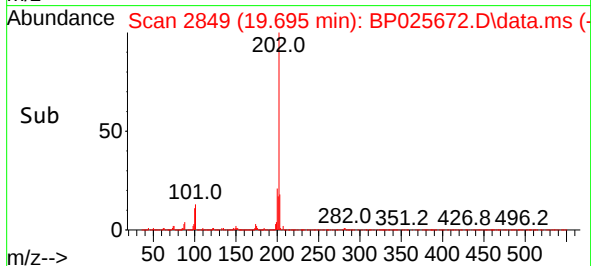
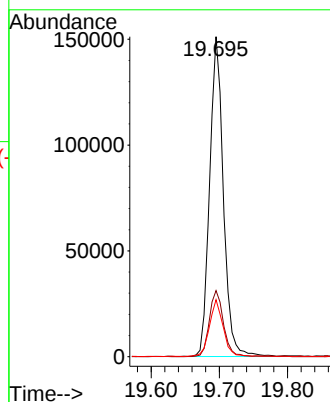
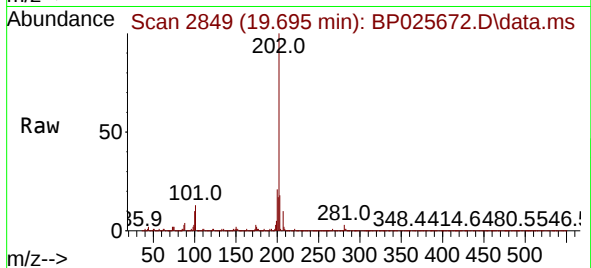
Tgt Ion:202 Resp: 212513

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 77.948 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

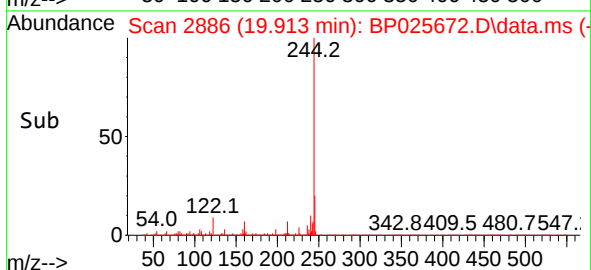
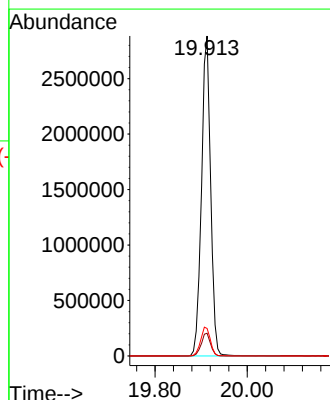
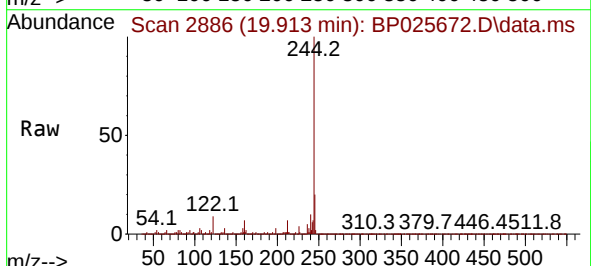
Tgt Ion:244 Resp: 3985376

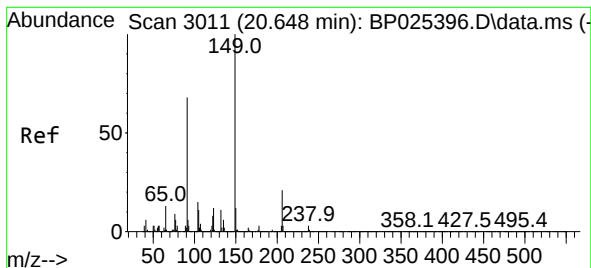
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 8.6 7.4 11.2





#80

Butylbenzylphthalate

Concen: 3.299 ng

RT: 20.630 min Scan# 3011

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

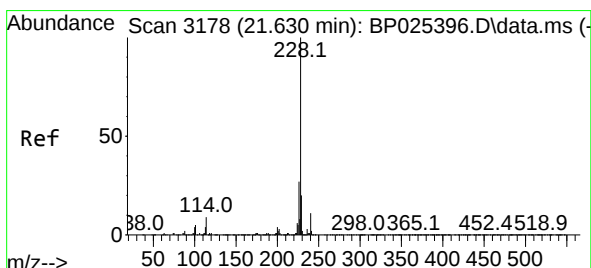
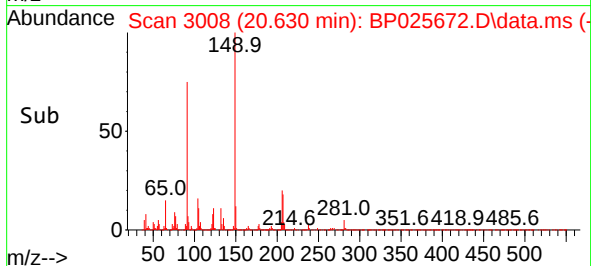
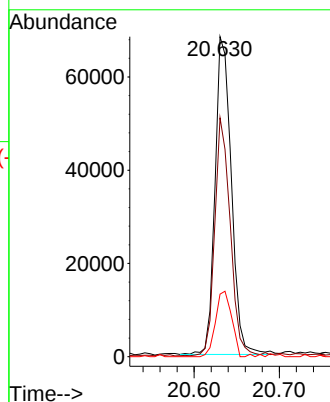
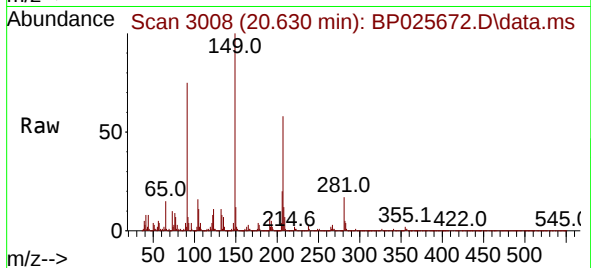
Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion:	149	Resp:	90901
Ion Ratio	Lower	Upper	
149	100		
91	74.7	54.2	81.2
206	19.5	16.6	24.8



#81

Benzo(a)anthracene

Concen: 3.555 ng

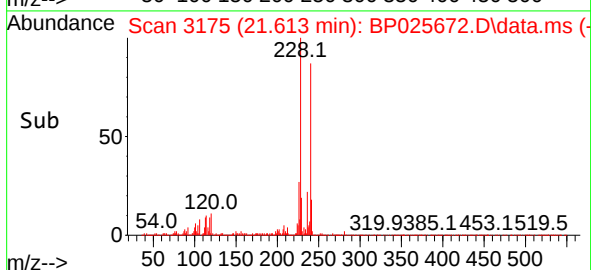
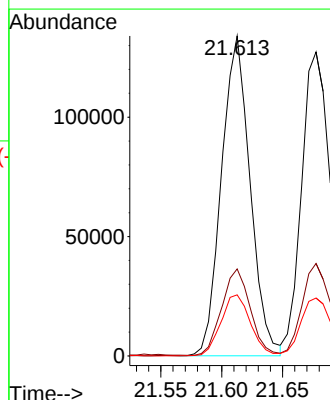
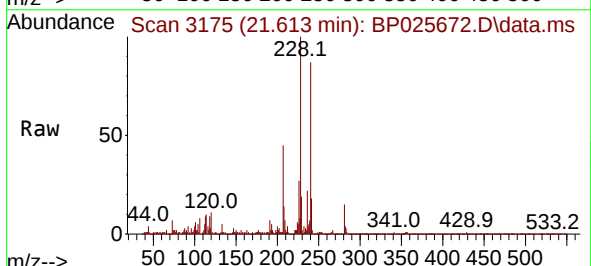
RT: 21.613 min Scan# 3175

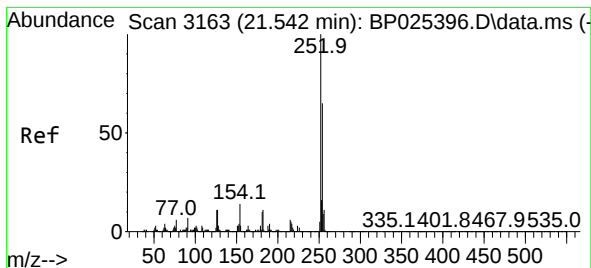
Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:	228	Resp:	219298
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.7	32.5
229	19.1	15.6	23.4





#82

3,3'-Dichlorobenzidine

Concen: 3.141 ng

RT: 21.542 min Scan# 3163

Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

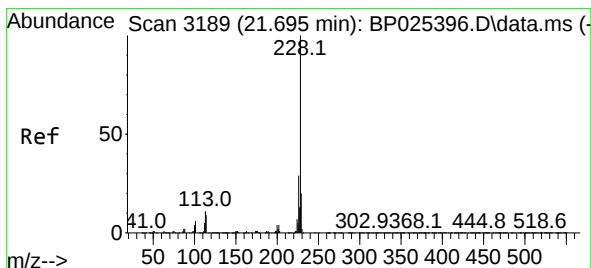
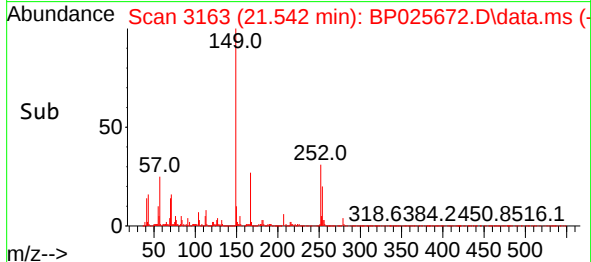
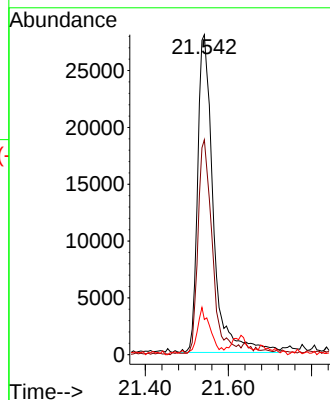
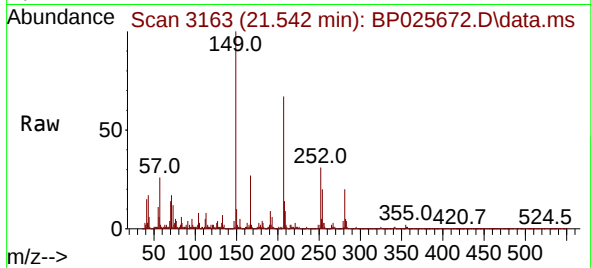
Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion:252	Resp:	73034
Ion Ratio	Lower	Upper
252	100	
254	67.1	51.8 77.6
126	11.0	9.1 13.7



#83

Chrysene

Concen: 3.665 ng

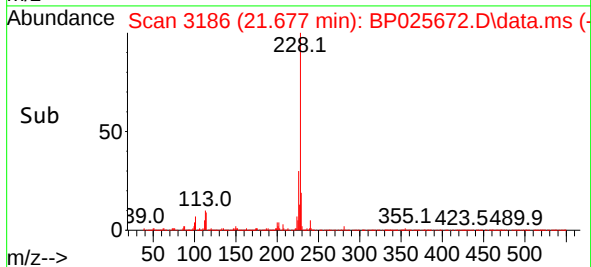
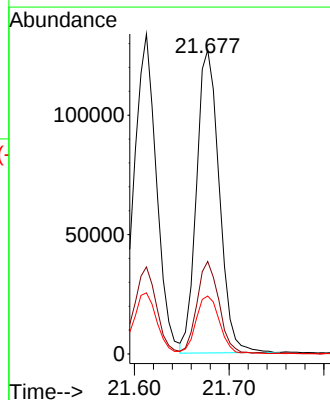
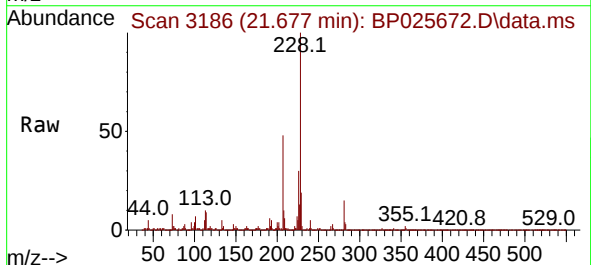
RT: 21.677 min Scan# 3186

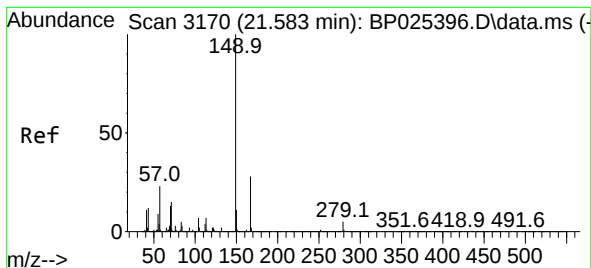
Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:228	Resp:	211723
Ion Ratio	Lower	Upper
228	100	
226	30.4	23.2 34.8
229	19.0	15.6 23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.484 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.035 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

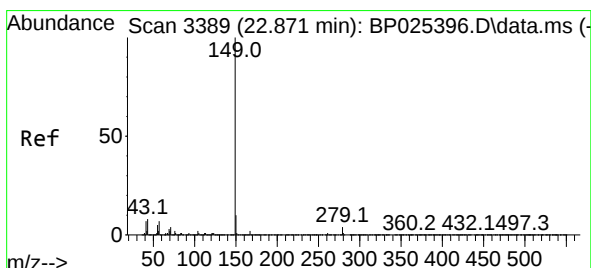
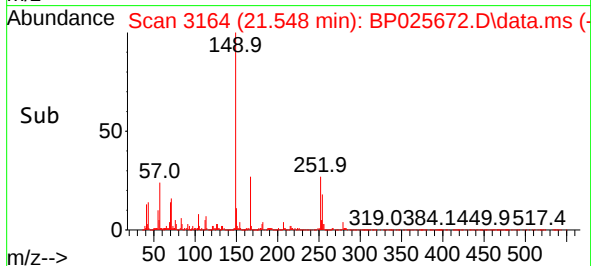
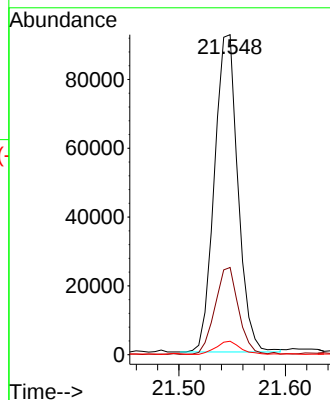
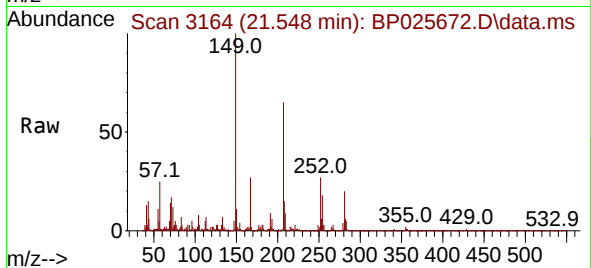
Tgt Ion:149 Resp: 141335

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.2 3.8 5.6



#85

Di-n-octyl phthalate

Concen: 3.335 ng

RT: 22.830 min Scan# 3382

Delta R.T. -0.041 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

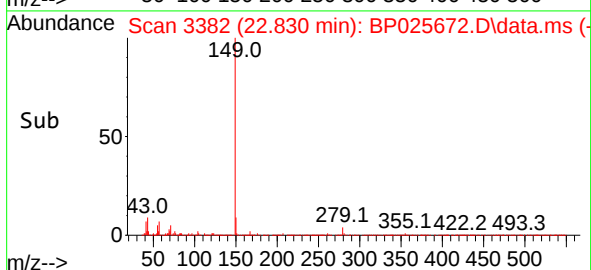
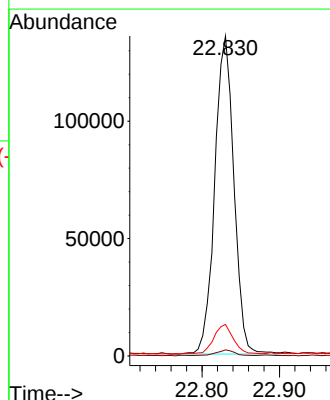
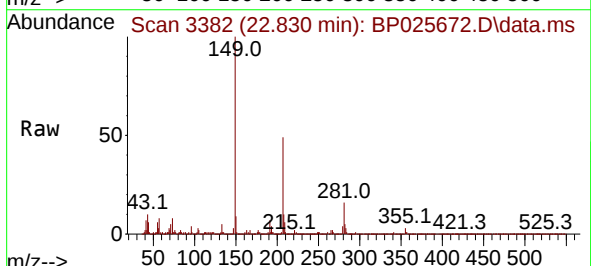
Tgt Ion:149 Resp: 232705

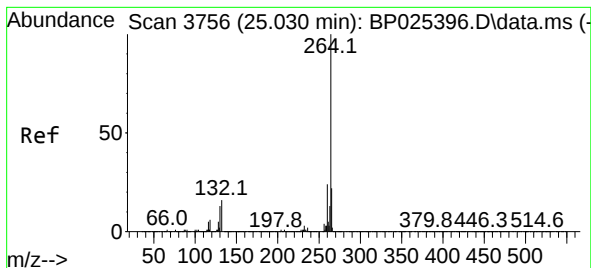
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 6.3 9.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

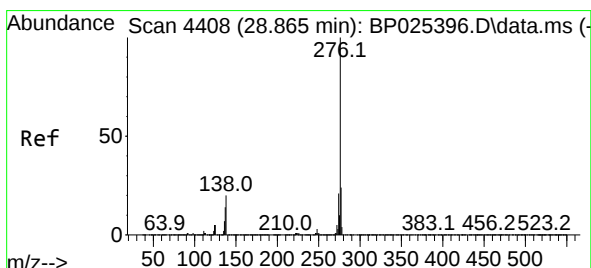
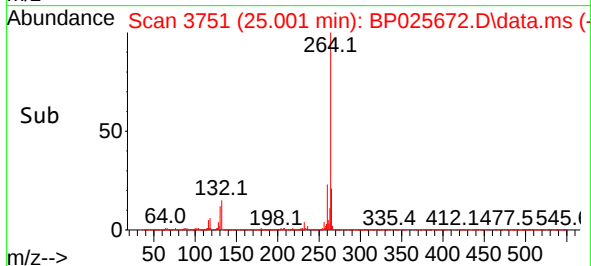
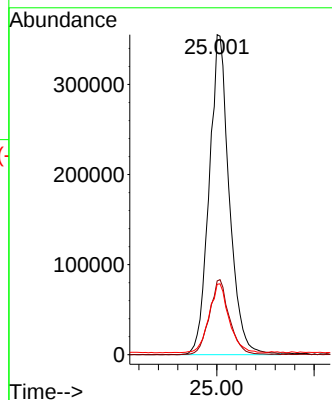
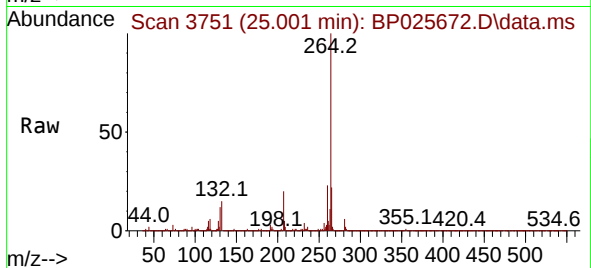
Tgt Ion:264 Resp: 1018028

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.0 17.4 26.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.360 ng

RT: 28.836 min Scan# 4403

Delta R.T. -0.029 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

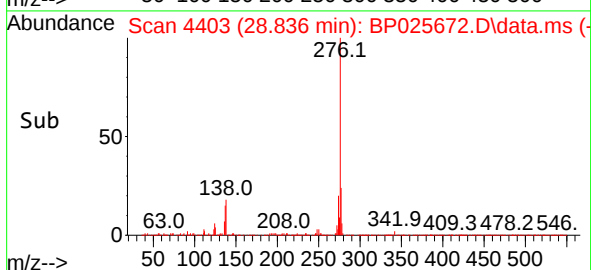
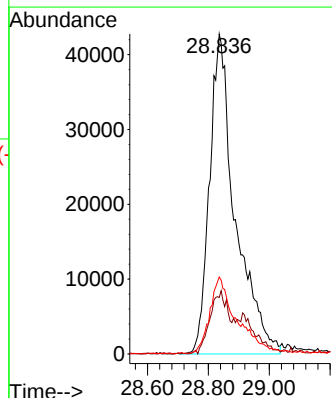
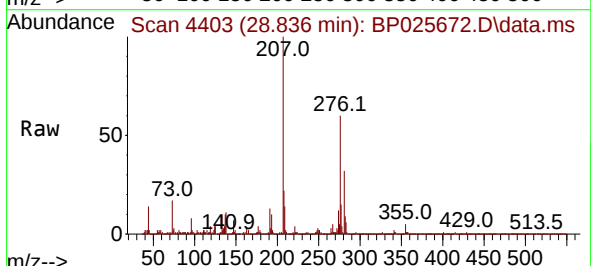
Tgt Ion:276 Resp: 250847

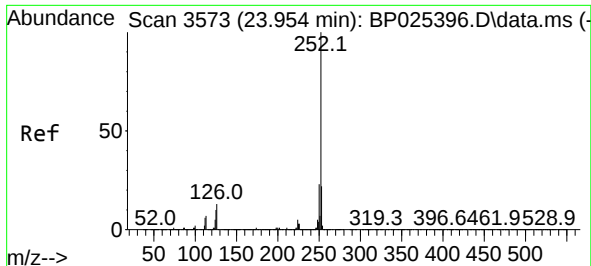
Ion Ratio Lower Upper

276 100

138 13.8 12.9 19.3

277 25.0 17.0 25.6

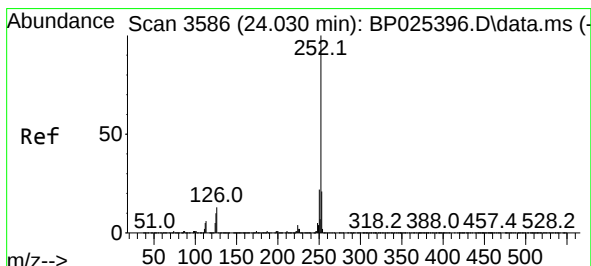
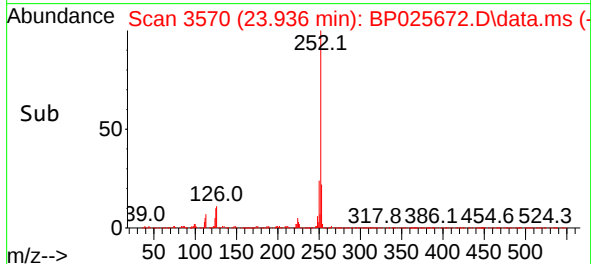
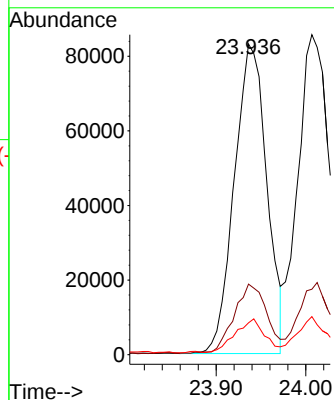
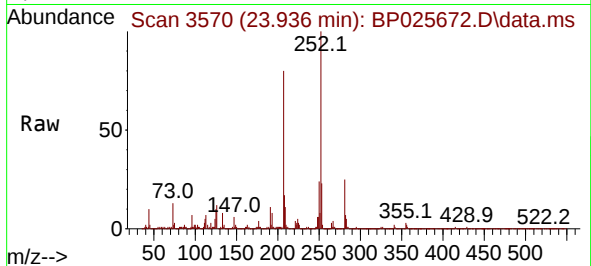




#88
Benzo(b)fluoranthene
Concen: 3.478 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

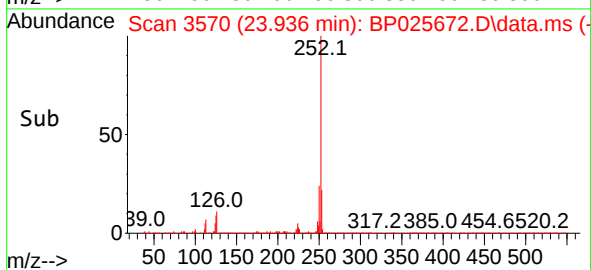
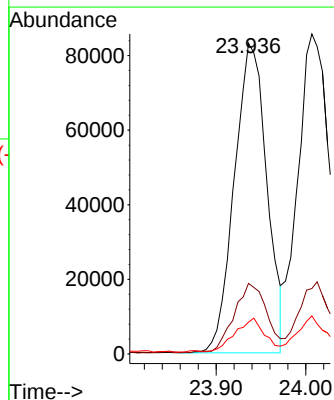
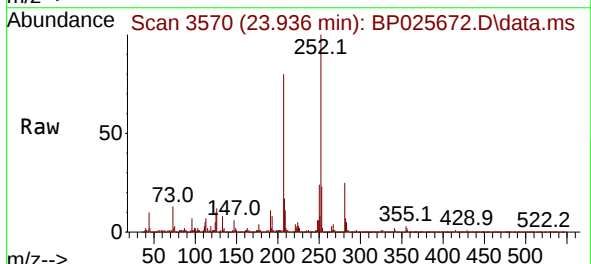
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

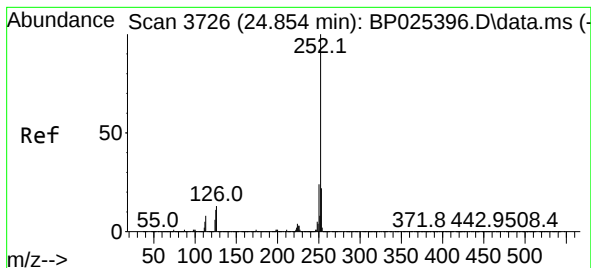
Tgt Ion:252 Resp: 208755
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 10.3 7.9 11.9



#89
Benzo(k)fluoranthene
Concen: 3.475 ng
RT: 23.936 min Scan# 3570
Delta R.T. -0.094 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:252 Resp: 208755
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 10.3 7.8 11.6





#90

Benzo(a)pyrene

Concen: 3.488 ng

RT: 24.836 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

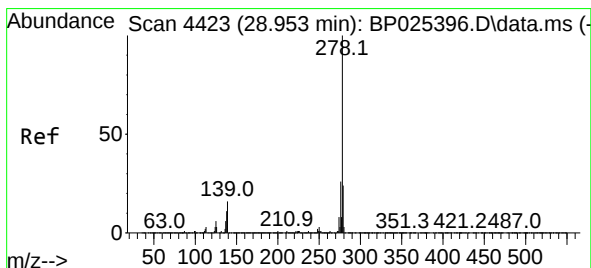
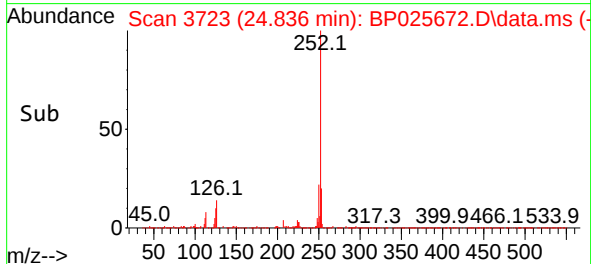
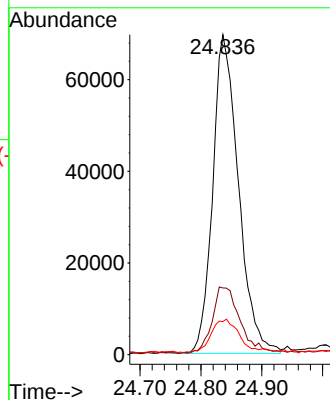
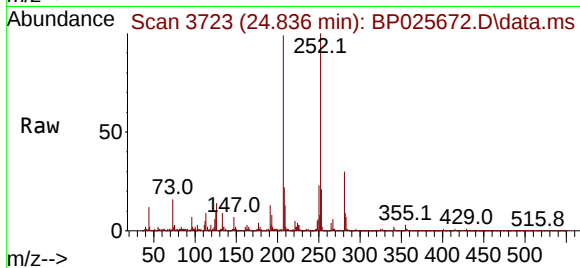
Tgt Ion:252 Resp: 203799

Ion Ratio Lower Upper

252 100

253 20.8 17.5 26.3

125 10.4 8.7 13.1



#91

Dibenzo(a,h)anthracene

Concen: 3.267 ng

RT: 28.912 min Scan# 4416

Delta R.T. -0.041 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

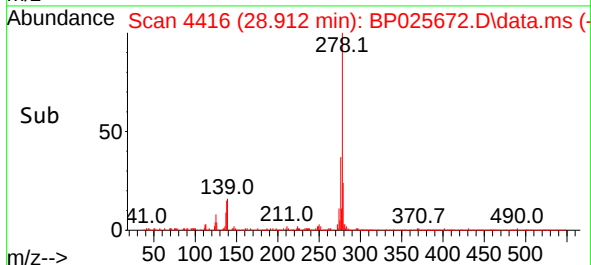
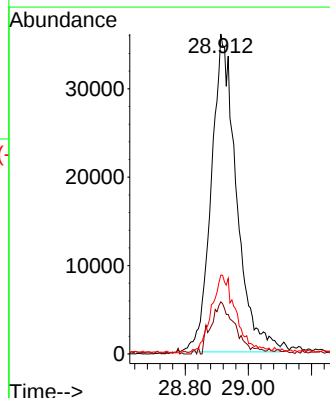
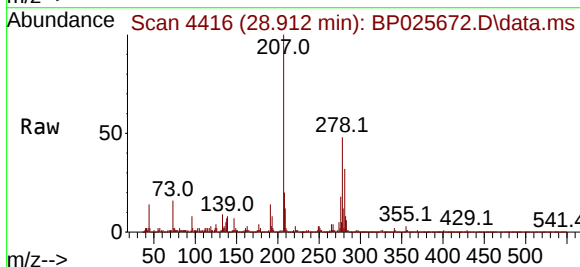
Tgt Ion:278 Resp: 199309

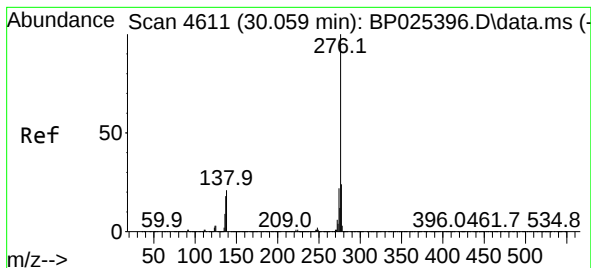
Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.4

279 24.7 19.4 29.2





#92

Benzo(g,h,i)perylene

Concen: 3.328 ng

RT: 30.024 min Scan# 4

Delta R.T. -0.035 min

Lab File: BP025672.D

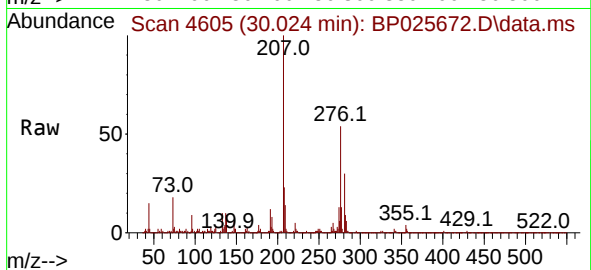
Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025



Tgt Ion:276 Resp: 199611

Ion Ratio Lower Upper

276 100

277 24.9 19.4 29.0

138 15.9 16.7 25.1#

