

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025106.D
 Acq On : 11 Jul 2025 16:24
 Operator : CG/JU
 Sample : Q2126-01
 Misc : LOD-MDL-SOIL-8 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Quant Time: Jul 11 17:08:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	361448	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1522499	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1034826	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	2111775	20.000	ng	-0.01
76) Chrysene-d12	21.336	240	2292304	20.000	ng	0.00
86) Perylene-d12	24.471	264	2419377	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2903464	142.330	ng	0.00
7) Phenol-d6	6.625	99	3743209	140.611	ng	0.00
23) Nitrobenzene-d5	8.566	82	2400624	104.863	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2011760	164.564	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6627756	99.220	ng	0.00
79) Terphenyl-d14	19.671	244	11287676	108.223	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	71377	8.998	ng	99
3) Pyridine	3.490	79	187508	8.634	ng	99
4) n-Nitrosodimethylamine	3.408	42	77043	8.379	ng	# 92
6) Aniline	6.778	93	301294	12.113	ng	98
8) 2-Chlorophenol	7.013	128	211627	9.272	ng	99
9) Benzaldehyde	6.596	77	171091	12.306	ng	98
10) Phenol	6.655	94	242659	8.971	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	184869	8.881	ng	98
12) 1,3-Dichlorobenzene	7.331	146	240307	9.407	ng	99
13) 1,4-Dichlorobenzene	7.472	146	243904	9.431	ng	98
14) 1,2-Dichlorobenzene	7.778	146	236488	9.506	ng	99
15) Benzyl Alcohol	7.666	79	164314	9.248	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	247846	9.156	ng	98
17) 2-Methylphenol	7.872	107	162134	9.305	ng	99
18) Hexachloroethane	8.496	117	80869	9.598	ng	97
19) n-Nitroso-di-n-propyla...	8.231	70	147040	9.314	ng	99
20) 3+4-Methylphenols	8.190	107	220406	9.031	ng	99
22) Acetophenone	8.237	105	322225	8.949	ng	99
24) Nitrobenzene	8.607	77	221125	9.483	ng	97
25) Isophorone	9.131	82	411421	9.617	ng	99
26) 2-Nitrophenol	9.307	139	91812	10.857	ng	96
27) 2,4-Dimethylphenol	9.378	122	199291	12.488	ng	98
28) bis(2-Chloroethoxy)met...	9.619	93	263050	9.055	ng	100
29) 2,4-Dichlorophenol	9.837	162	190819	8.623	ng	98
30) 1,2,4-Trichlorobenzene	10.048	180	221977	9.058	ng	98
31) Naphthalene	10.231	128	684771	8.735	ng	99
32) Benzoic acid	9.443	122	93979	11.336	ng	94
33) 4-Chloroaniline	10.337	127	289860	9.907	ng	98
34) Hexachlorobutadiene	10.537	225	131704	9.365	ng	97
35) Caprolactam	11.078	113	62877	8.306	ng	97
36) 4-Chloro-3-methylphenol	11.466	107	198919	8.602	ng	99
37) 2-Methylnaphthalene	11.854	142	434503	7.855	ng	99
38) 1-Methylnaphthalene	12.078	142	468897	8.692	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	255195	8.581	ng	100
41) Hexachlorocyclopentadiene	12.219	237	115759	14.901	ng	98
43) 2,4,6-Trichlorophenol	12.478	196	160575	8.917	ng	97

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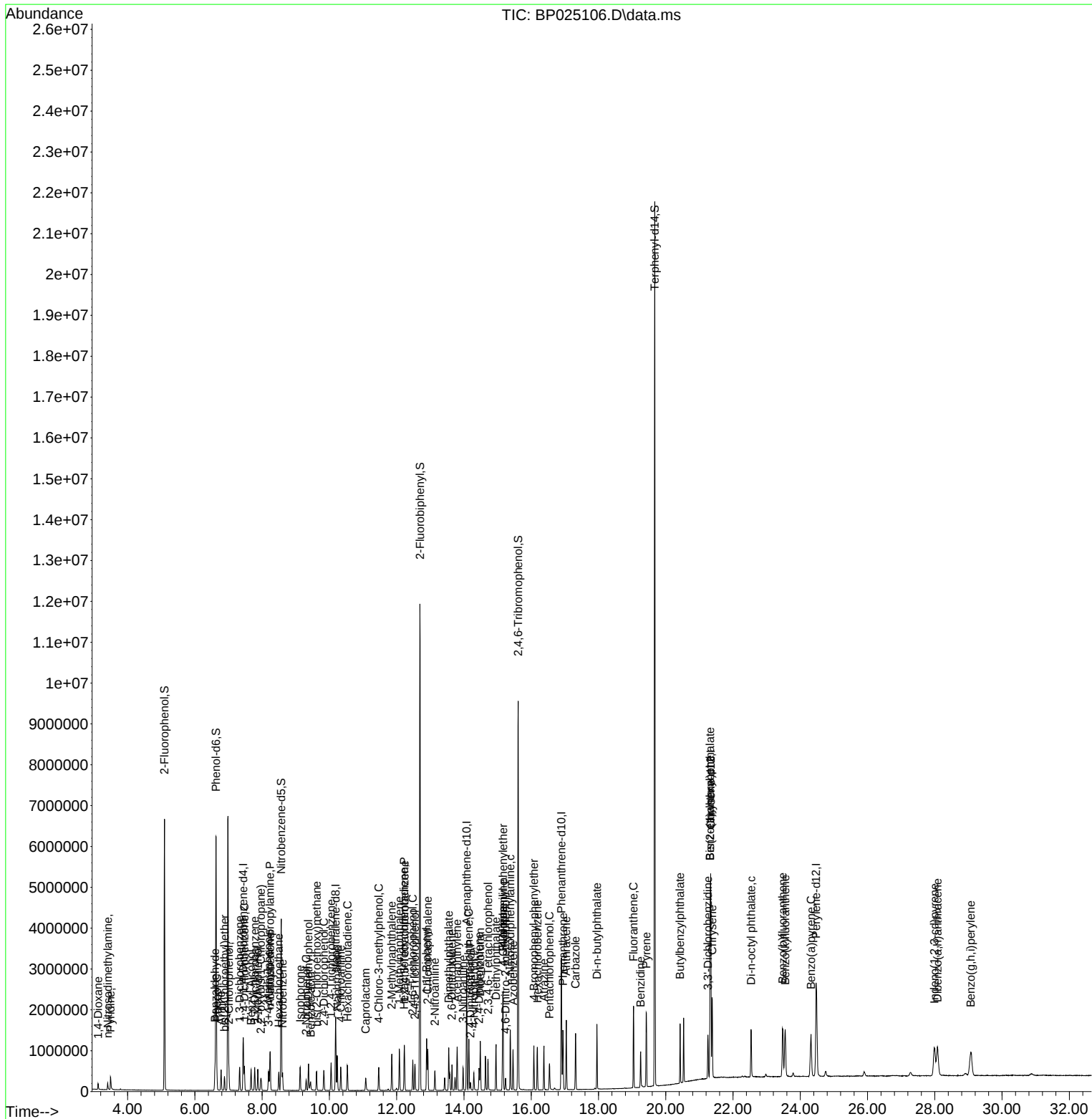
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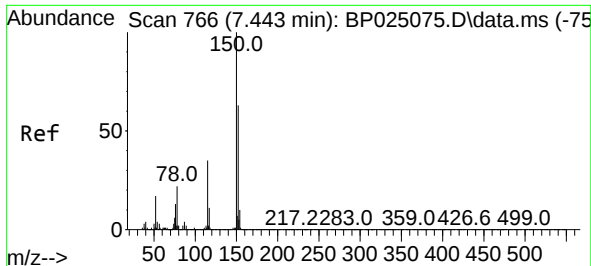
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.542	196	176935	8.669	ng	98
46) 1,1'-Biphenyl	12.889	154	661308	8.783	ng	99
47) 2-Chloronaphthalene	12.925	162	498212	8.804	ng	100
48) 2-Nitroaniline	13.137	65	110741	10.293	ng	95
49) Acenaphthylene	13.795	152	800251	9.239	ng	99
50) Dimethylphthalate	13.548	163	643398	8.882	ng	99
51) 2,6-Dinitrotoluene	13.642	165	123323	8.729	ng	97
52) Acenaphthene	14.142	154	479907	8.597	ng	99
53) 3-Nitroaniline	13.972	138	137212	9.063	ng	96
54) 2,4-Dinitrophenol	14.189	184	44059	11.337	ng	99
55) Dibenzofuran	14.484	168	800132	8.685	ng	99
56) 4-Nitrophenol	14.295	139	111724	7.996	ng	99
57) 2,4-Dinitrotoluene	14.448	165	160139	9.936	ng	100
58) Fluorene	15.154	166	634471	8.904	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.713	232	160436	8.681	ng	98
60) Diethylphthalate	14.954	149	644501	8.858	ng	99
61) 4-Chlorophenyl-phenyle...	15.166	204	316170	8.965	ng	98
62) 4-Nitroaniline	15.160	138	142069	8.949	ng	99
63) Azobenzene	15.460	77	525797	8.116	ng	97
65) 4,6-Dinitro-2-methylph...	15.236	198	65779	11.628	ng	94
66) n-Nitrosodiphenylamine	15.378	169	544497	9.009	ng	98
67) 4-Bromophenyl-phenylether	16.078	248	199104	9.208	ng	98
68) Hexachlorobenzene	16.183	284	244943	9.268	ng	97
69) Atrazine	16.378	200	193005	10.898	ng	98
70) Pentachlorophenol	16.542	266	141833	7.946	ng	98
71) Phenanthrene	16.942	178	1029648	9.125	ng	99
72) Anthracene	17.042	178	1018107	9.405	ng	99
73) Carbazole	17.319	167	950613	8.981	ng	100
74) Di-n-butylphthalate	17.954	149	1061150	9.003	ng	99
75) Fluoranthene	19.042	202	1168689	8.860	ng	99
77) Benzidine	19.254	184	534140	13.193	ng	99
78) Pyrene	19.424	202	1237373	8.715	ng	99
80) Butylbenzylphthalate	20.424	149	448564	11.253	ng	97
81) Benzo(a)anthracene	21.318	228	1268521	9.131	ng	99
82) 3,3'-Dichlorobenzidine	21.254	252	408582	9.770	ng	99
83) Chrysene	21.383	228	1205926	9.021	ng	99
84) Bis(2-ethylhexyl)phtha...	21.318	149	692326	9.291	ng	99
85) Di-n-octyl phthalate	22.536	149	1062604	12.888	ng	99
87) Indeno(1,2,3-cd)pyrene	27.989	276	1157904	7.513	ng	# 73
88) Benzo(b)fluoranthene	23.471	252	1191967	8.464	ng	99
89) Benzo(k)fluoranthene	23.554	252	1211039	8.643	ng	99
90) Benzo(a)pyrene	24.318	252	1119226	9.338	ng	99
91) Dibenzo(a,h)anthracene	28.077	278	1150979	9.034	ng	99
92) Benzo(g,h,i)perylene	29.071	276	1136378	8.634	ng	99

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

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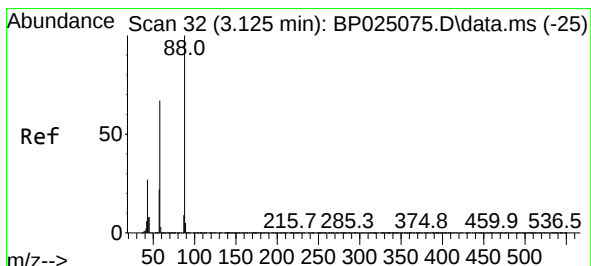
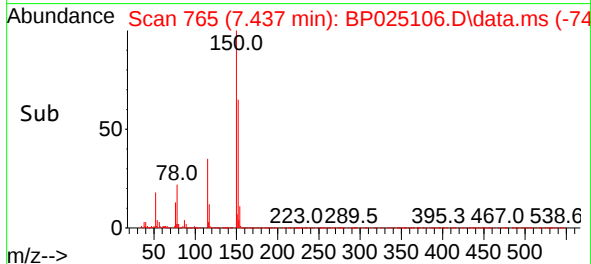
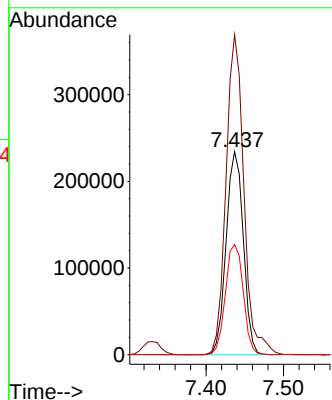
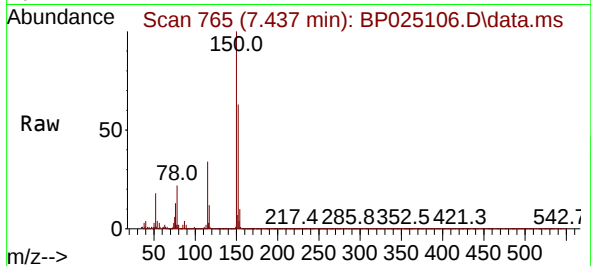




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

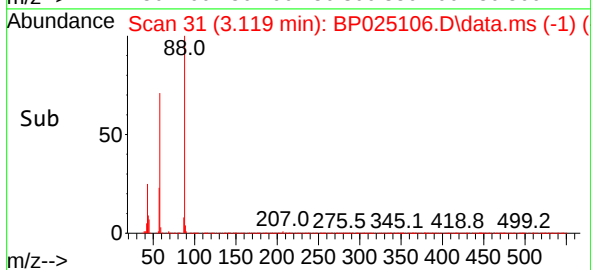
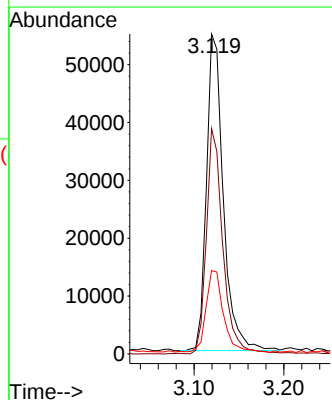
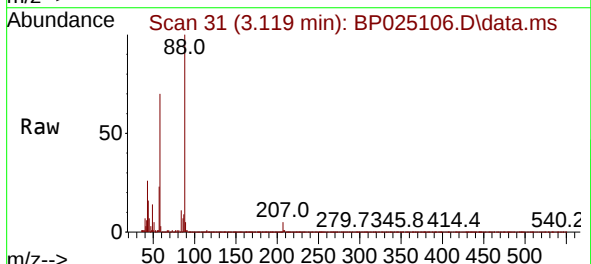
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

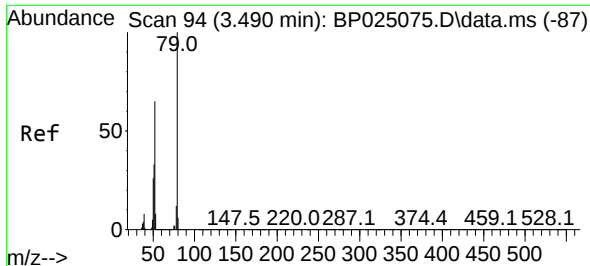
Tgt Ion:152 Resp: 361448
Ion Ratio Lower Upper
152 100
150 157.6 126.1 189.1
115 54.3 44.3 66.5



#2
1,4-Dioxane
Concen: 8.998 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 88 Resp: 71377
Ion Ratio Lower Upper
88 100
58 70.0 55.0 82.4
43 26.9 21.9 32.9

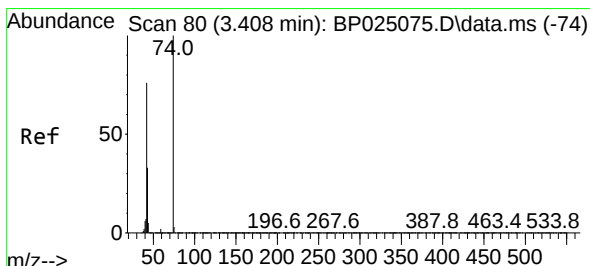
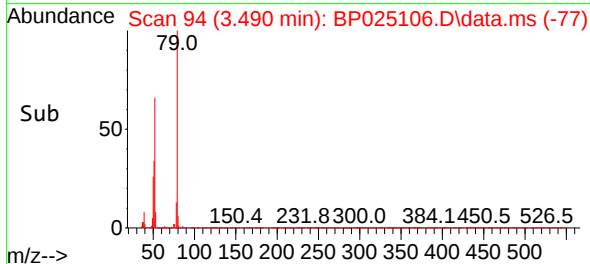
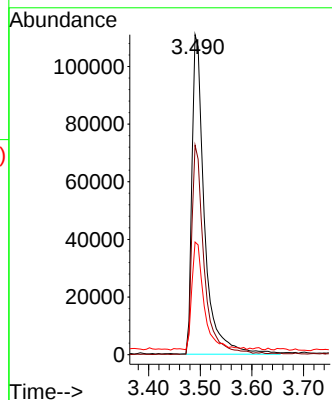
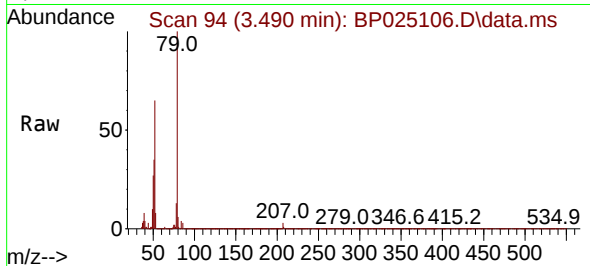




#3
 Pyridine
 Concen: 8.634 ng
 RT: 3.490 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: BP025106.D
 Acq: 11 Jul 2025 16:24

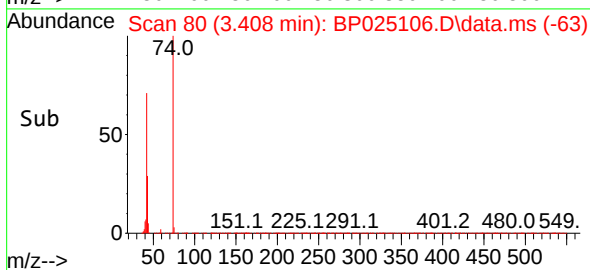
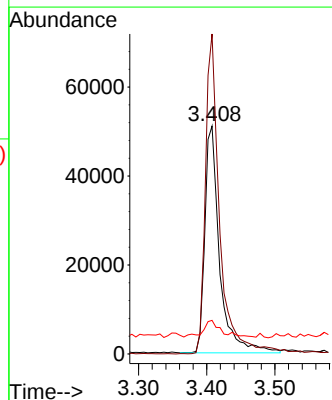
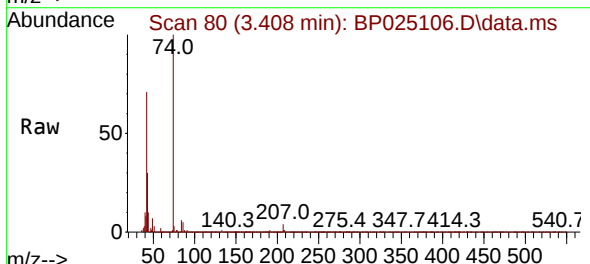
Instrument :
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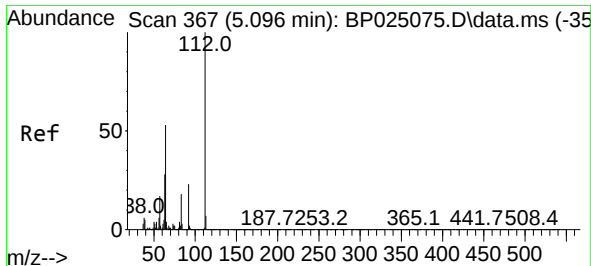
Tgt Ion: 79 Resp: 187508
 Ion Ratio Lower Upper
 79 100
 52 65.5 52.2 78.4
 51 35.2 26.8 40.2



#4
 n-Nitrosodimethylamine
 Concen: 8.379 ng
 RT: 3.408 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP025106.D
 Acq: 11 Jul 2025 16:24

Tgt Ion: 42 Resp: 77043
 Ion Ratio Lower Upper
 42 100
 74 140.5 105.2 157.8
 44 14.7 6.6 9.8

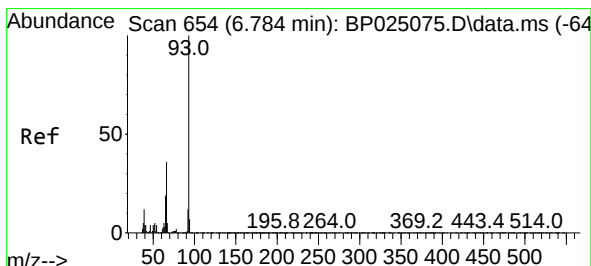
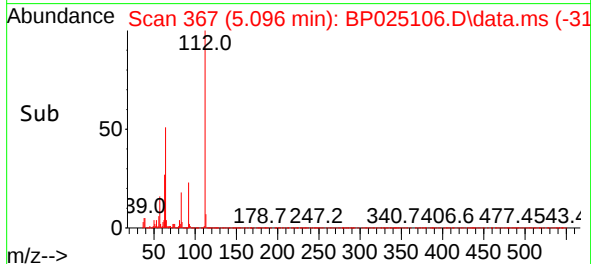
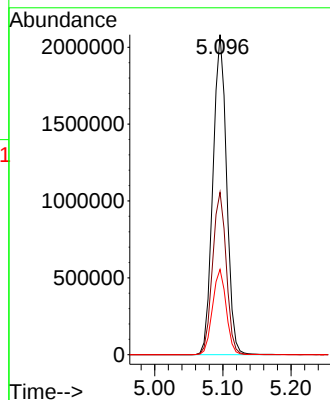
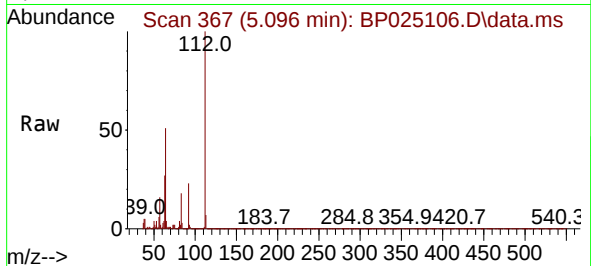




#5
2-Fluorophenol
Concen: 142.330 ng
RT: 5.096 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP025106.D
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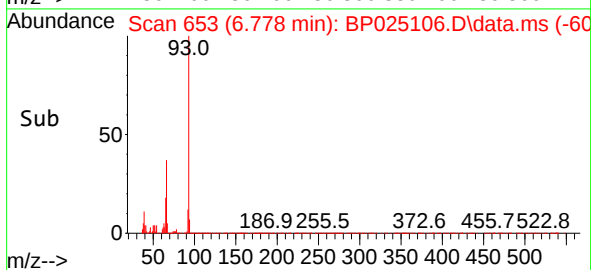
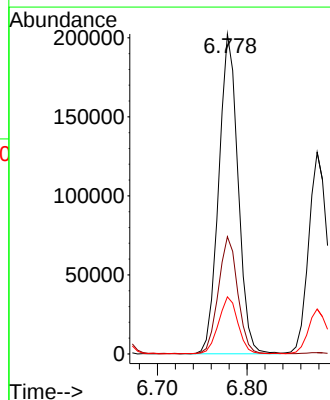
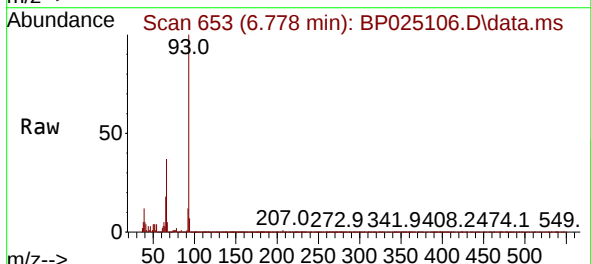
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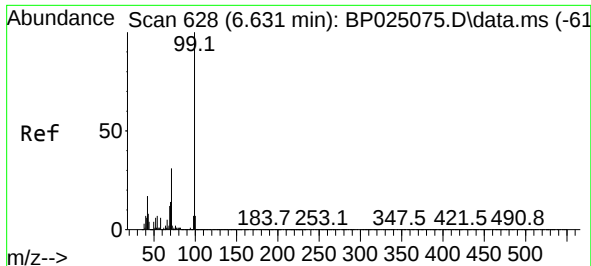
Tgt Ion:112 Resp: 2903464
Ion Ratio Lower Upper
112 100
64 50.7 42.0 63.0
63 26.7 22.2 33.2



#6
Aniline
Concen: 12.113 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 93 Resp: 301294
Ion Ratio Lower Upper
93 100
66 36.7 28.9 43.3
65 17.8 15.2 22.8



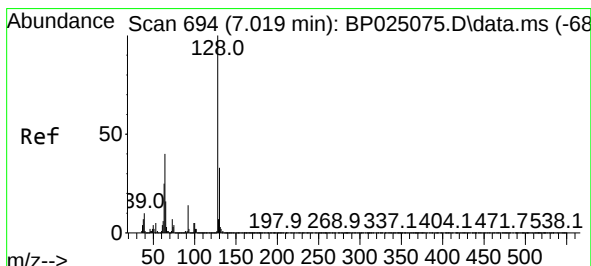
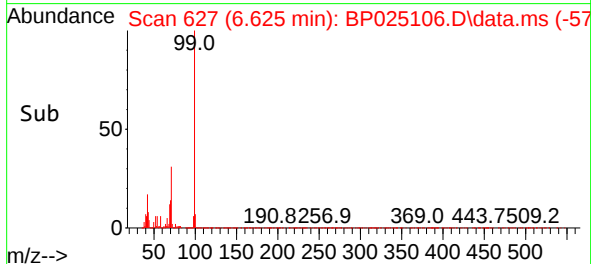
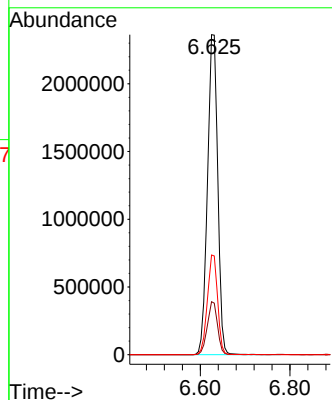
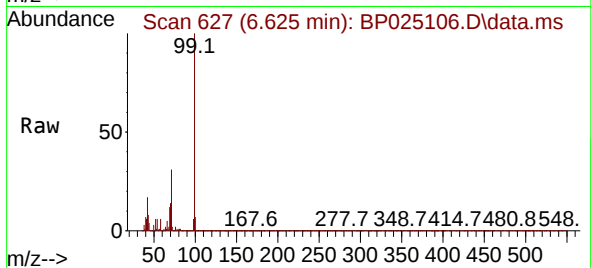


#7
Phenol-d6
Concen: 140.611 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025106.D
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Tgt Ion: 99 Resp: 3743209

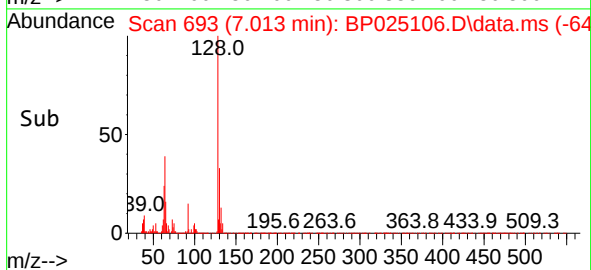
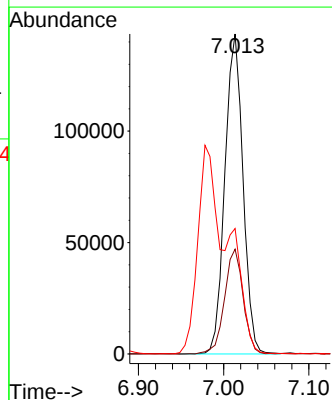
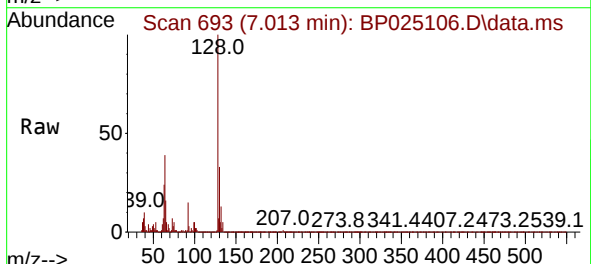
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.6	20.4
71	31.2	24.4	36.6

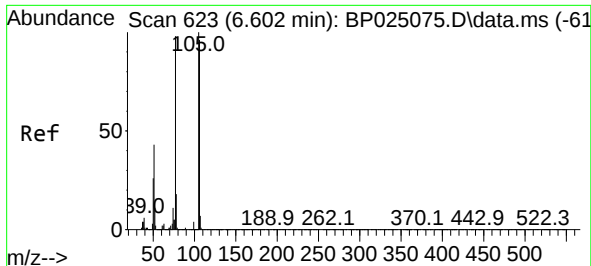


#8
2-Chlorophenol
Concen: 9.272 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 128 Resp: 211627

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	39.2	20.3	60.3

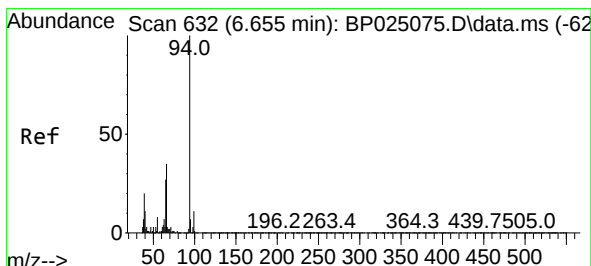
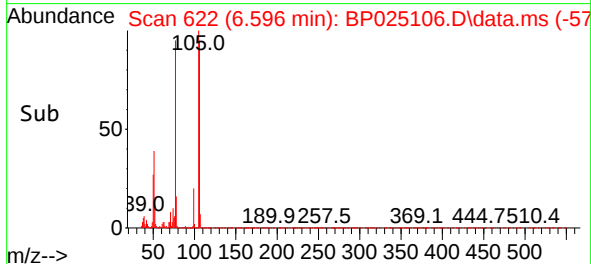
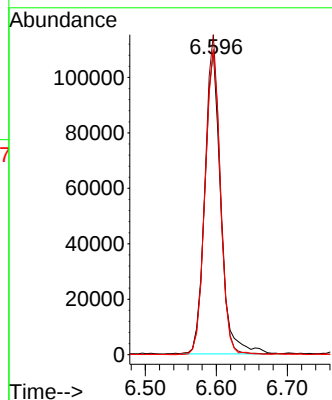
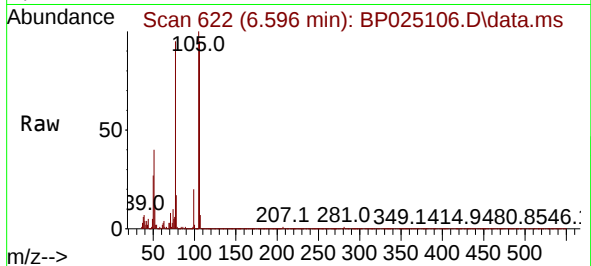




#9
Benzaldehyde
Concen: 12.306 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
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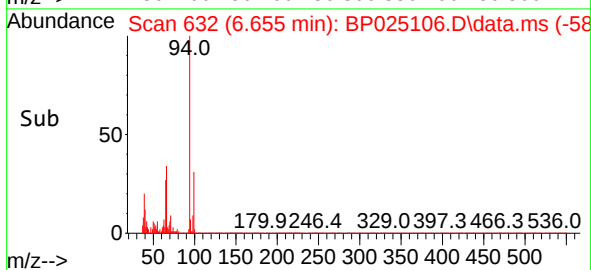
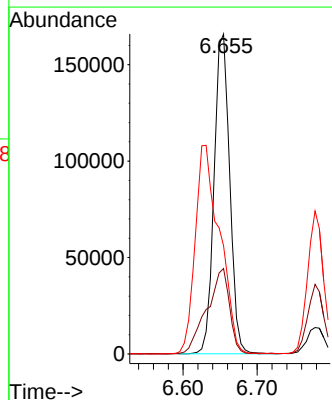
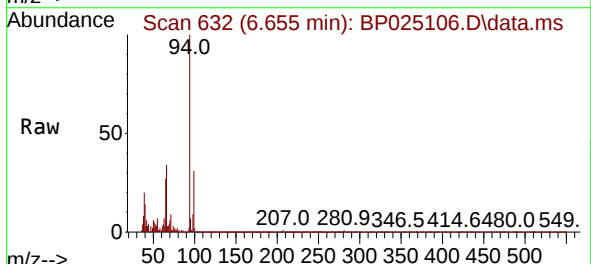
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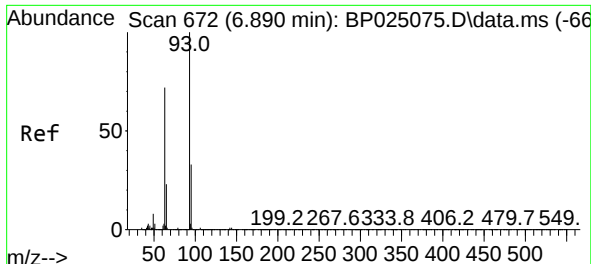
Tgt Ion: 77 Resp: 171091
Ion Ratio Lower Upper
77 100
105 105.2 82.4 122.4
106 100.3 78.3 118.3



#10
Phenol
Concen: 8.971 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 94 Resp: 242659
Ion Ratio Lower Upper
94 100
65 26.7 6.9 46.9
66 33.8 14.6 54.6

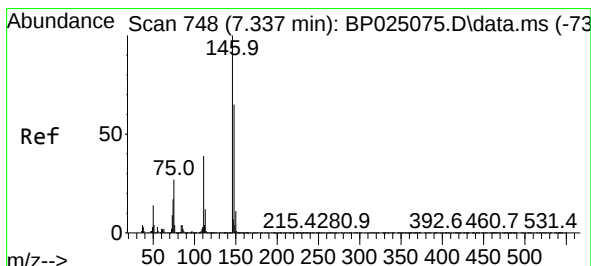
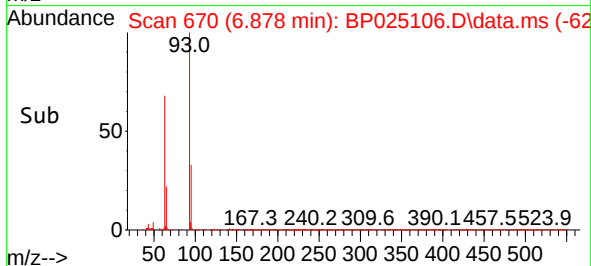
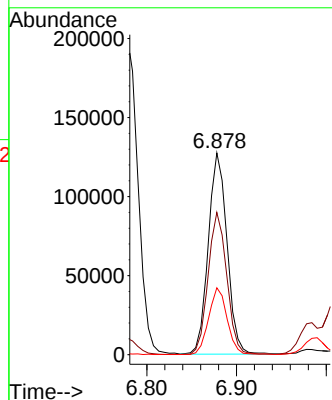
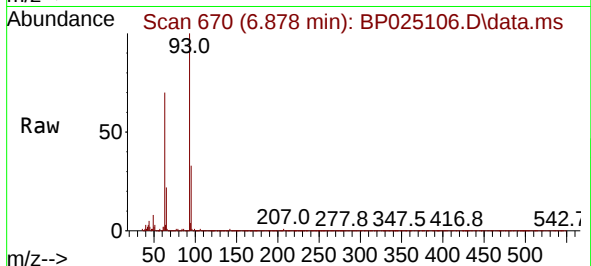




#11
bis(2-Chloroethyl)ether
Concen: 8.881 ng
RT: 6.878 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

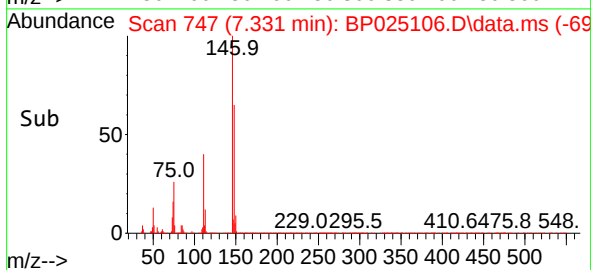
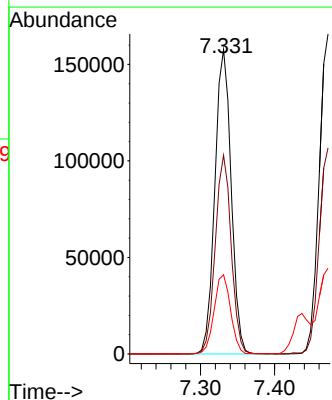
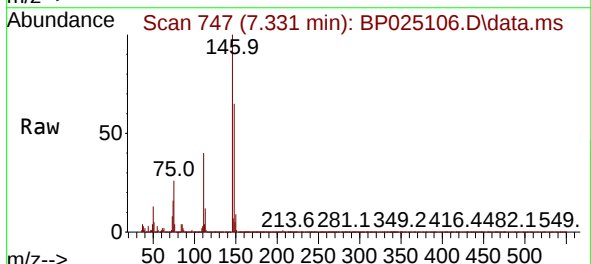
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

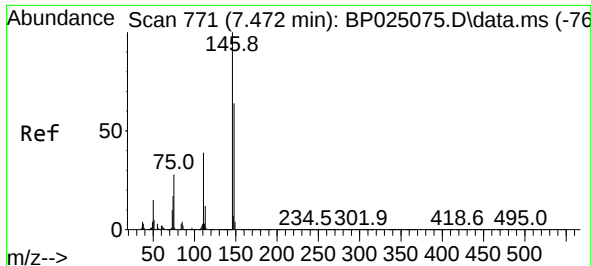
Tgt Ion: 93 Resp: 184869
Ion Ratio Lower Upper
93 100
63 70.5 51.9 91.9
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 9.407 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 146 Resp: 240307
Ion Ratio Lower Upper
146 100
148 65.3 51.9 77.9
75 26.1 21.8 32.6

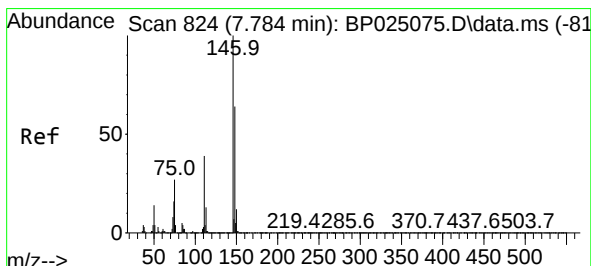
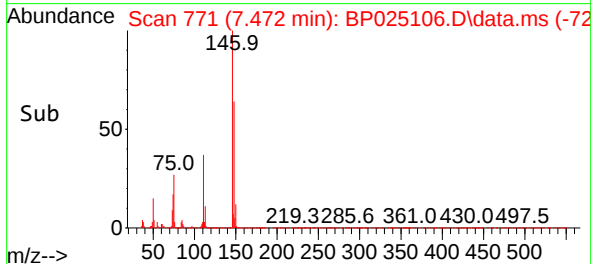
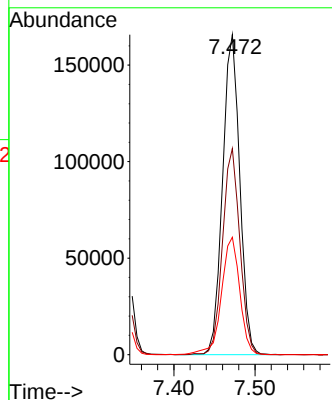
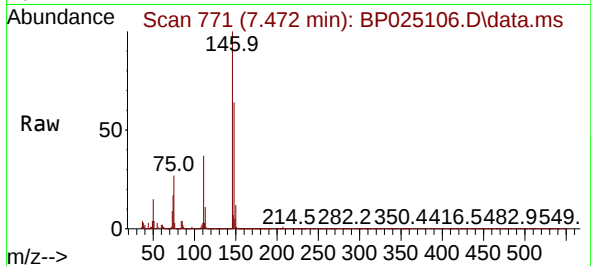




#13
1,4-Dichlorobenzene
Concen: 9.431 ng
RT: 7.472 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

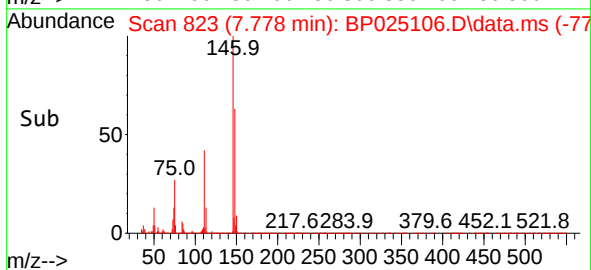
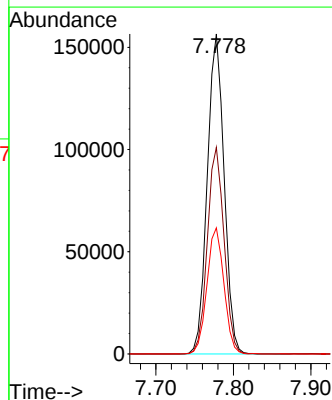
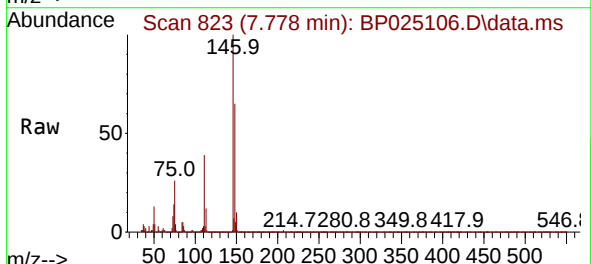
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

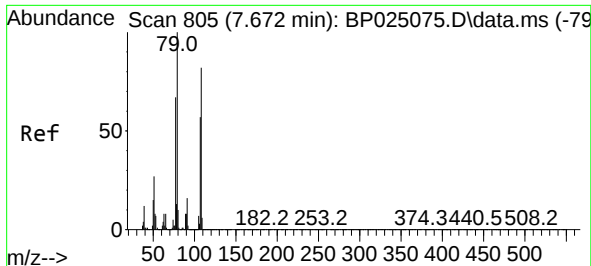
Tgt Ion:146 Resp: 243904
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 36.7 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 9.506 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:146 Resp: 236488
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 39.4 31.2 46.8

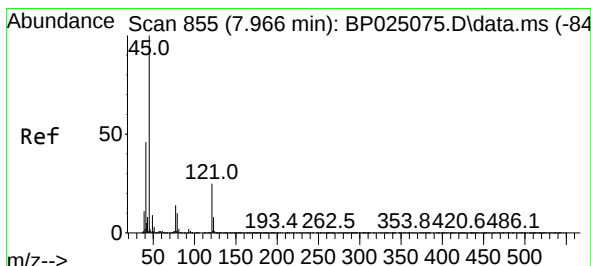
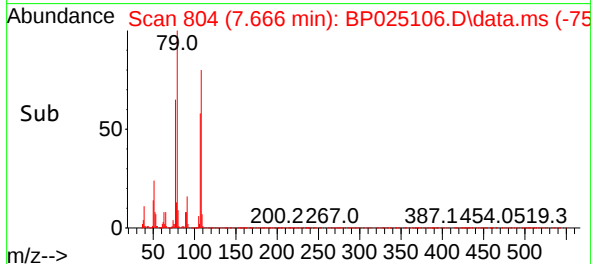
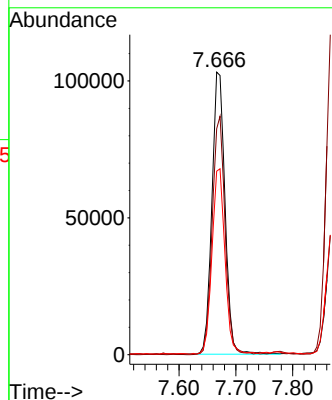
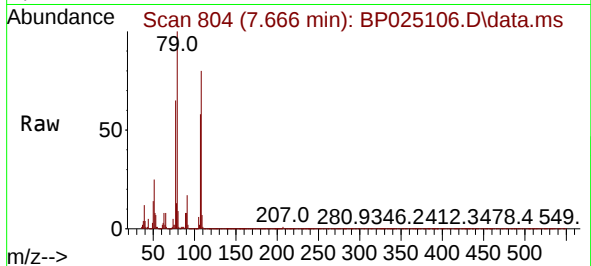




#15
Benzyl Alcohol
Concen: 9.248 ng
RT: 7.666 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

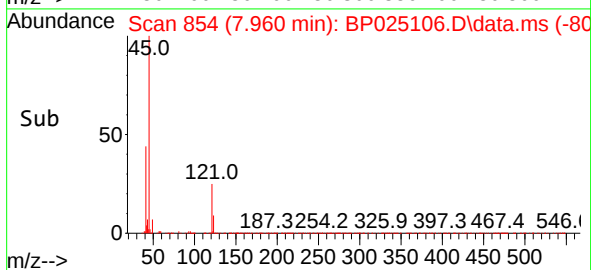
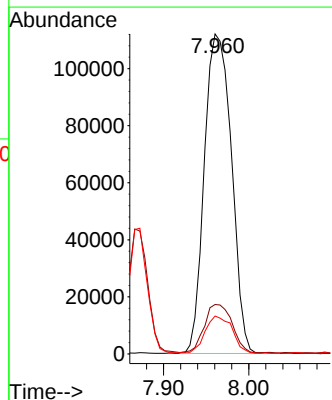
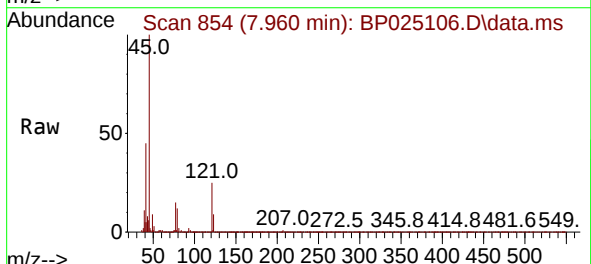
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

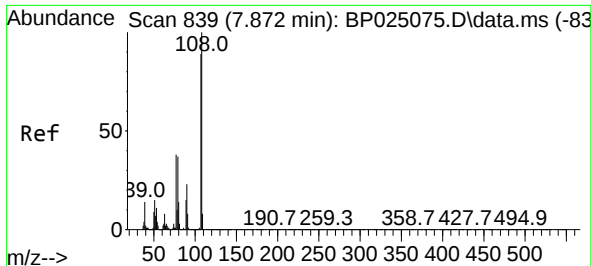
Tgt Ion: 79 Resp: 164314
Ion Ratio Lower Upper
79 100
108 79.9 66.0 99.0
77 65.0 53.4 80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.156 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 45 Resp: 247846
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.8
79 11.8 0.0 30.7

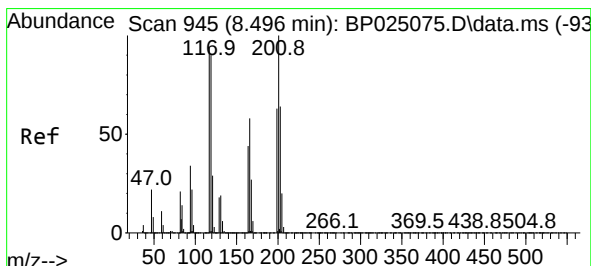
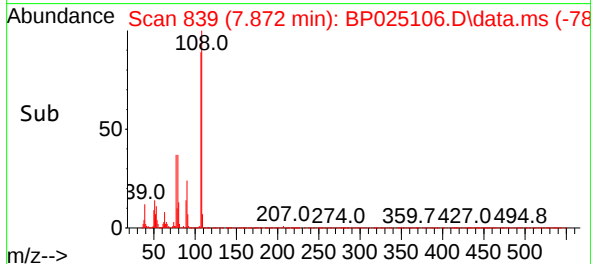
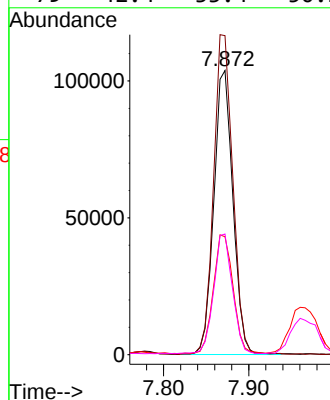
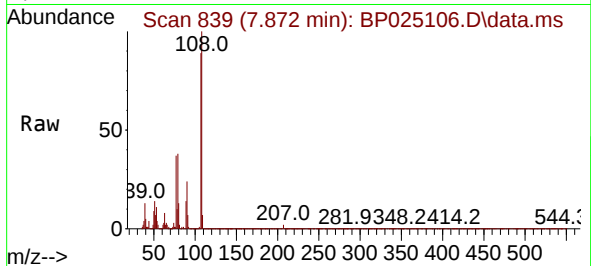




#17
2-Methylphenol
Concen: 9.305 ng
RT: 7.872 min Scan# 839
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

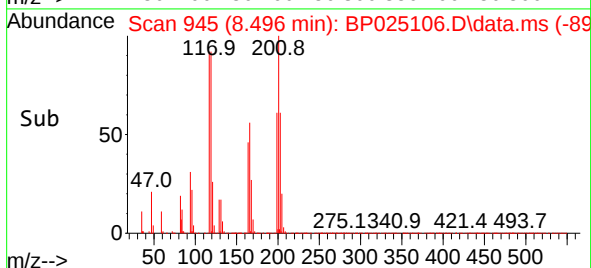
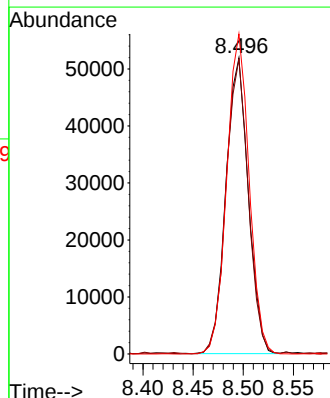
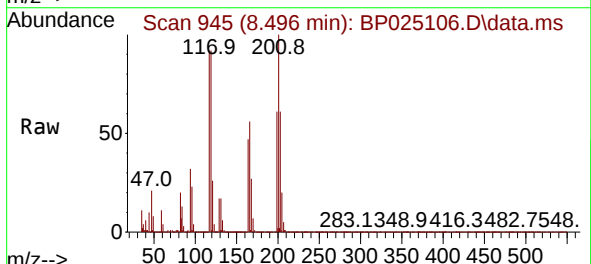
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

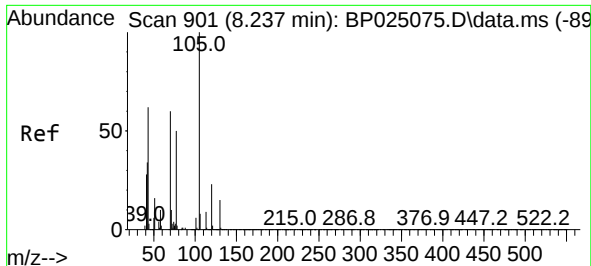
Tgt Ion:	107	Resp:	162134
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.7	134.5
77	41.5	34.2	51.4
79	42.4	33.4	50.2



#18
Hexachloroethane
Concen: 9.598 ng
RT: 8.496 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:	117	Resp:	80869
Ion	Ratio	Lower	Upper
117	100		
119	99.6	76.6	115.0
201	108.2	85.4	128.2

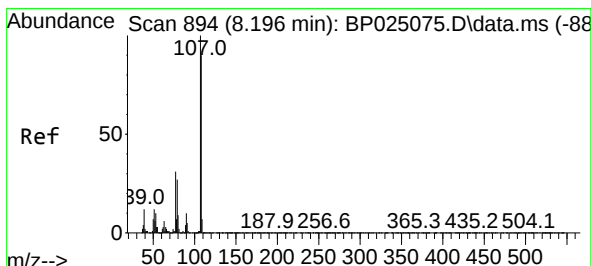
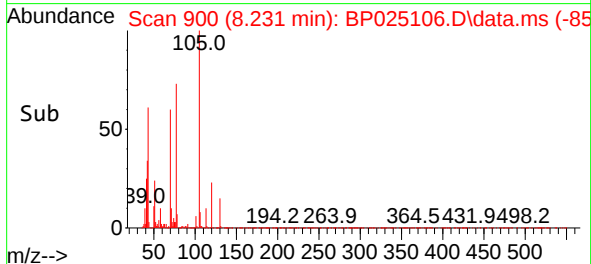
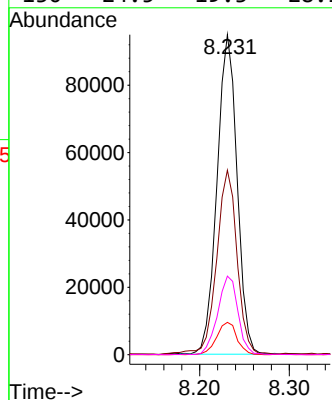
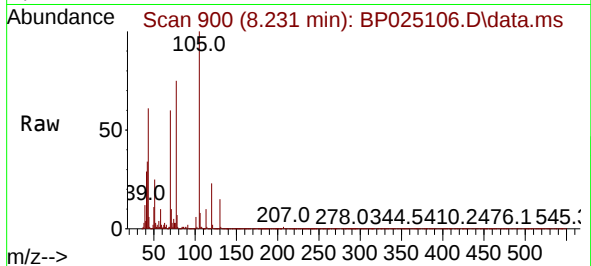




#19
n-Nitroso-di-n-propylamine
Concen: 9.314 ng
RT: 8.231 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

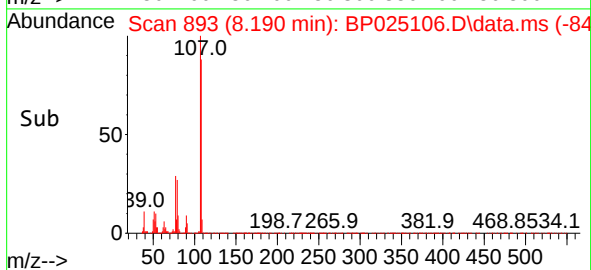
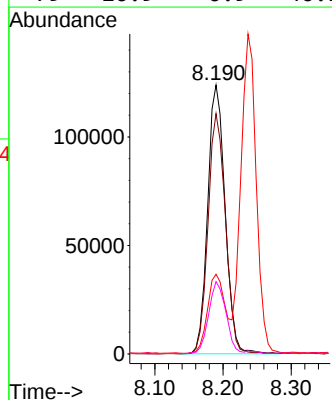
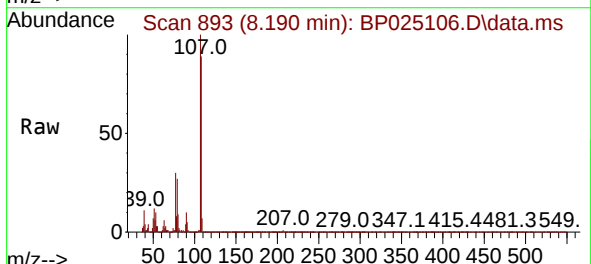
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

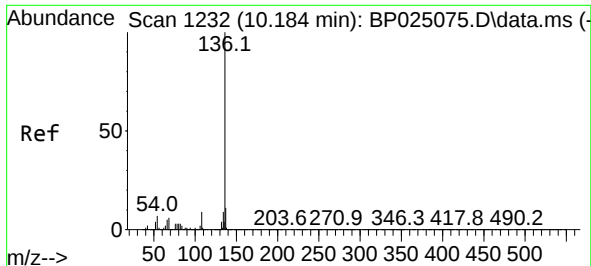
Tgt Ion: 70 Resp: 147040
Ion Ratio Lower Upper
70 100
42 57.6 46.5 69.7
101 10.1 7.9 11.9
130 24.5 19.3 28.9



#20
3+4-Methylphenols
Concen: 9.031 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 107 Resp: 220406
Ion Ratio Lower Upper
107 100
108 89.3 69.5 109.5
77 29.6 11.4 51.4
79 26.9 6.9 46.9



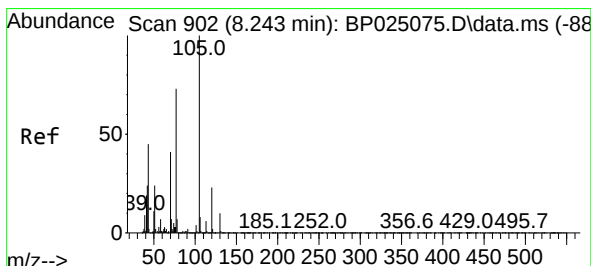
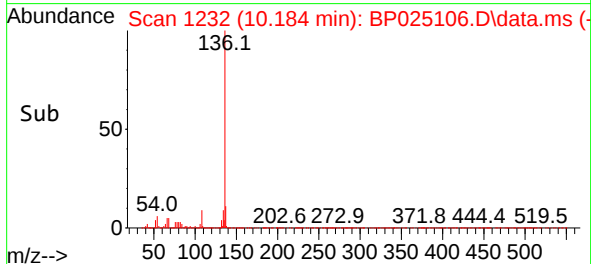
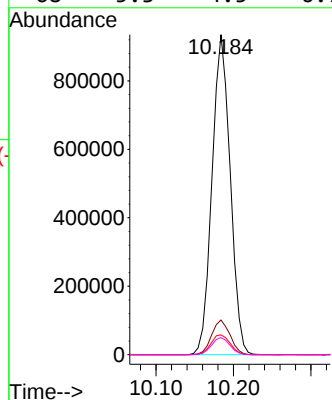
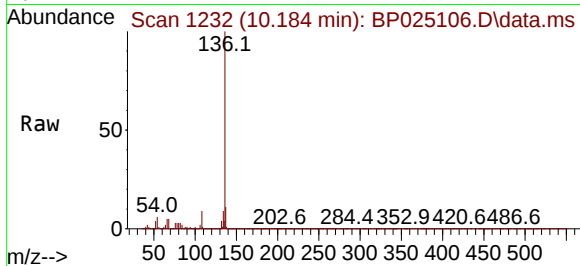


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:136 Resp: 1522499

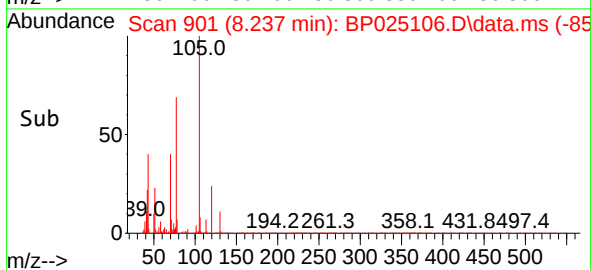
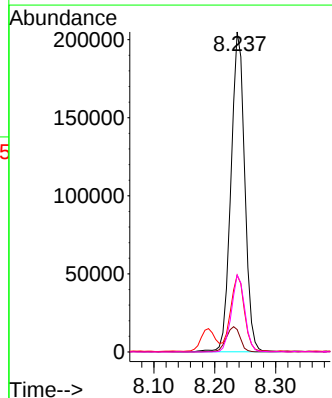
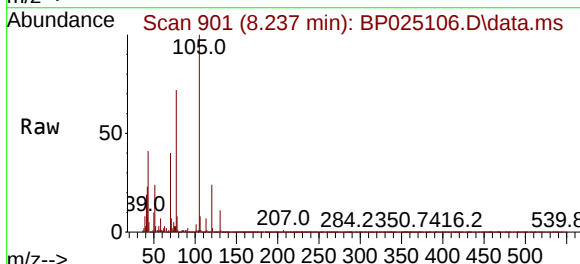
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.2	5.4	8.2
68	5.3	4.5	6.7

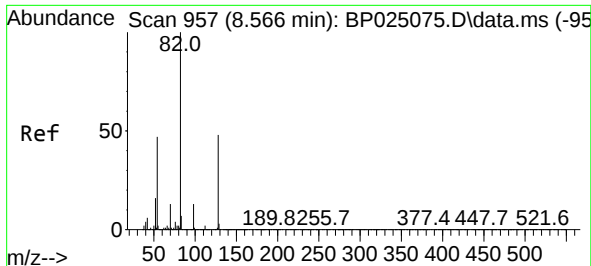


#22
Acetophenone
Concen: 8.949 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:105 Resp: 322225

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.2
51	24.0	19.6	29.4
120	24.0	18.8	28.2

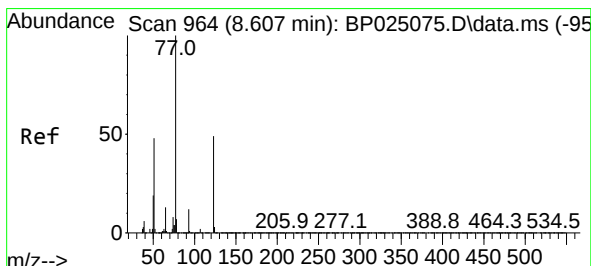
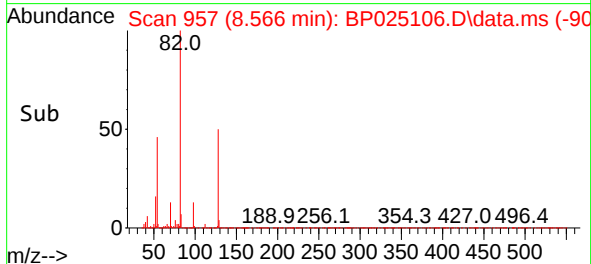
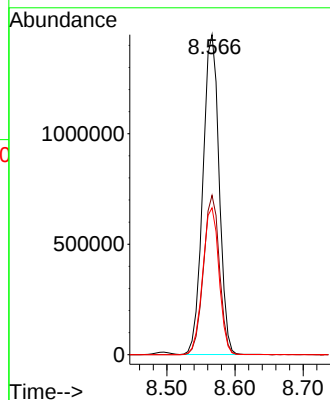
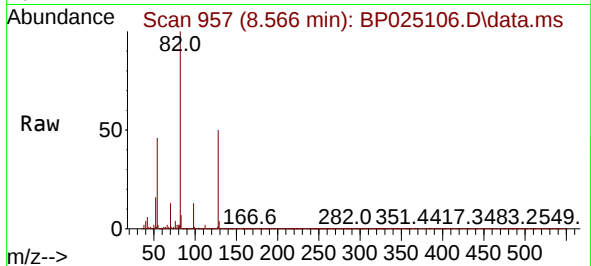




#23
Nitrobenzene-d5
Concen: 104.863 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

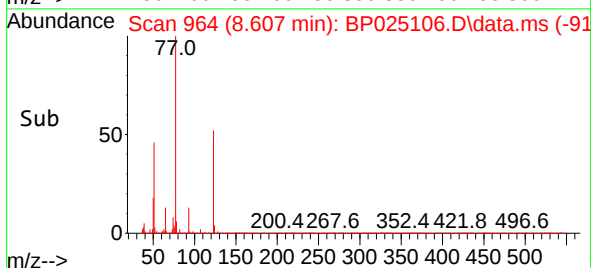
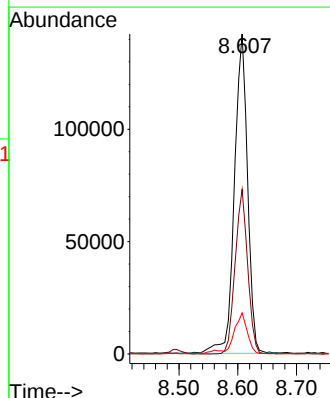
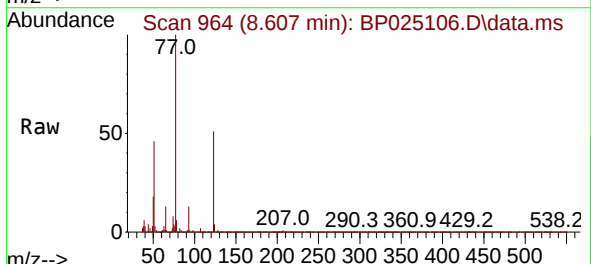
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

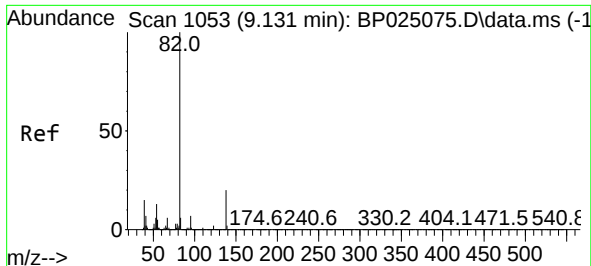
Tgt Ion: 82 Resp: 2400624
Ion Ratio Lower Upper
82 100
128 49.8 38.4 57.6
54 45.9 37.8 56.6



#24
Nitrobenzene
Concen: 9.483 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 77 Resp: 221125
Ion Ratio Lower Upper
77 100
123 51.4 39.0 58.6
65 12.8 10.7 16.1

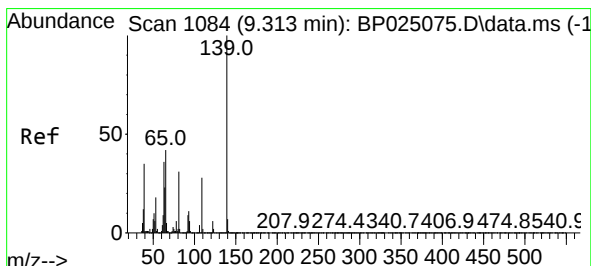
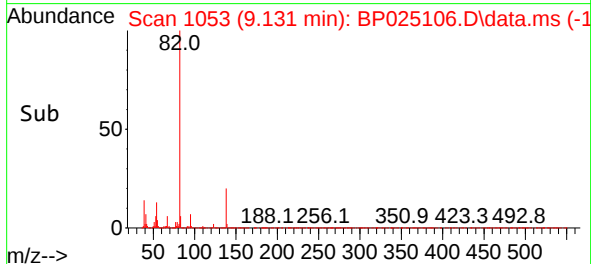
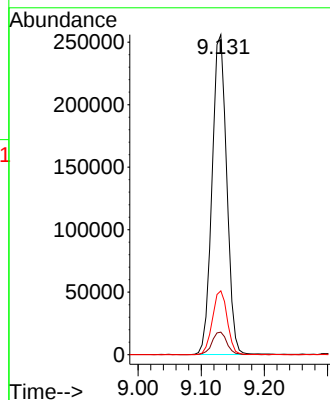
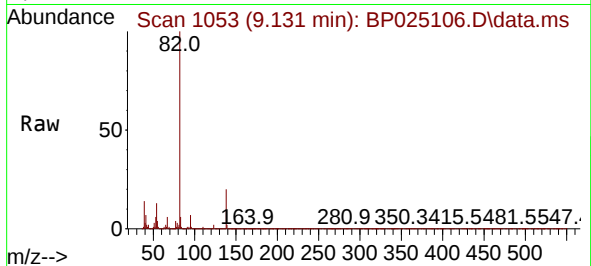




#25
Isophorone
Concen: 9.617 ng
RT: 9.131 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

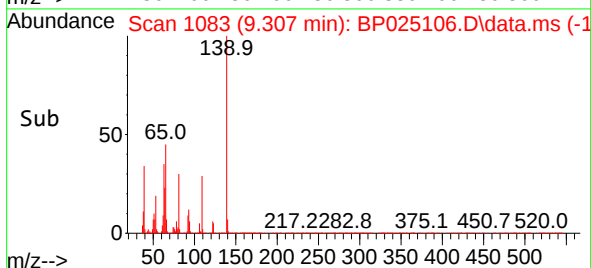
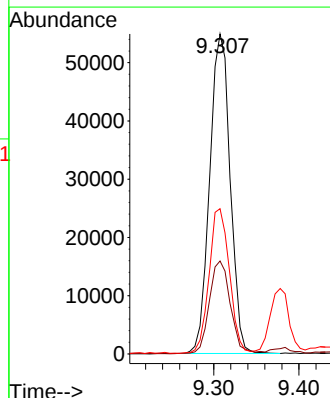
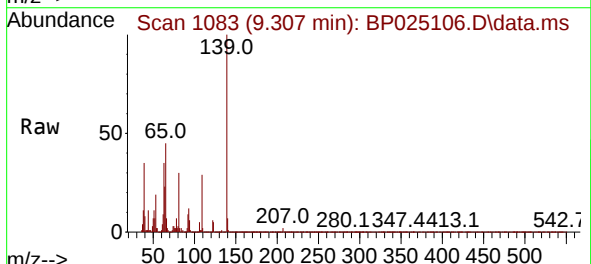
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

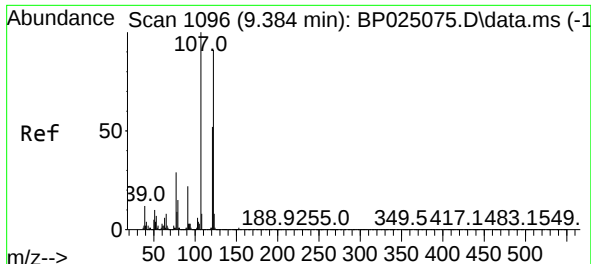
Tgt Ion: 82 Resp: 411421
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 20.0 15.7 23.5



#26
2-Nitrophenol
Concen: 10.857 ng
RT: 9.307 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 139 Resp: 91812
Ion Ratio Lower Upper
139 100
109 29.1 22.3 33.5
65 45.4 33.8 50.8

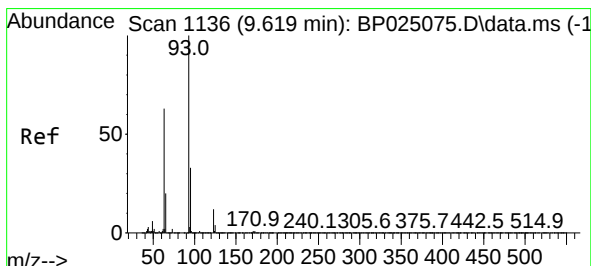
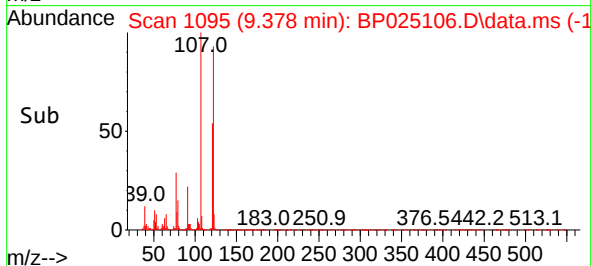
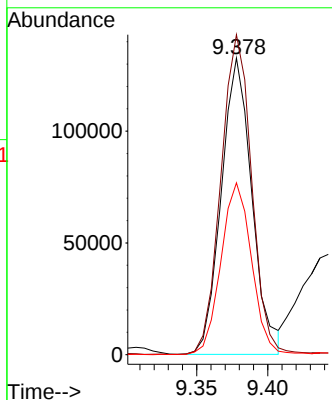
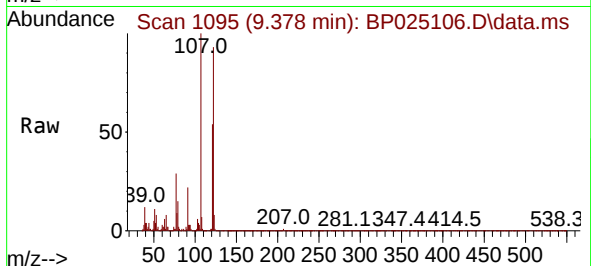




#27
2,4-Dimethylphenol
Concen: 12.488 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

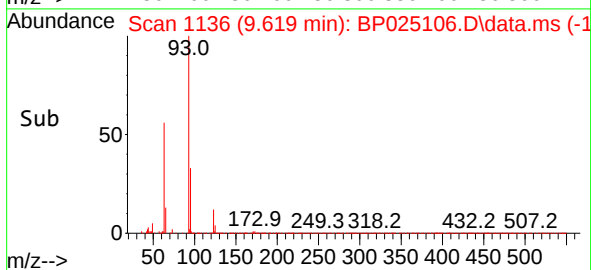
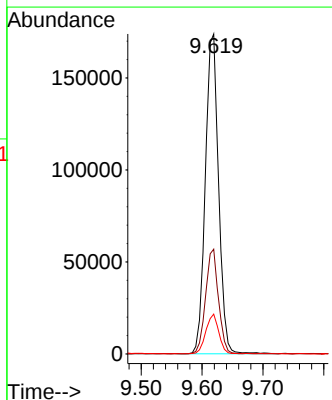
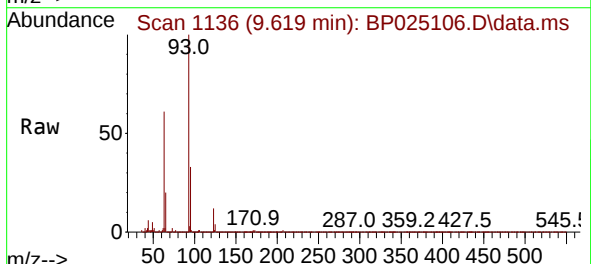
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

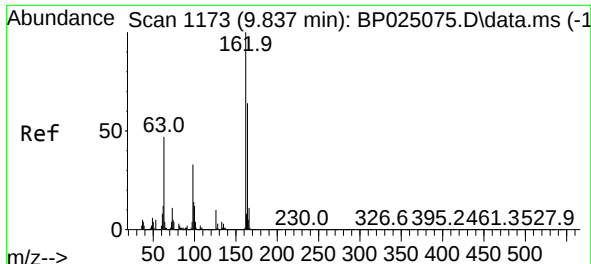
Tgt Ion:122 Resp: 199291
Ion Ratio Lower Upper
122 100
107 107.9 88.2 132.2
121 57.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 9.055 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 93 Resp: 263050
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 12.4 10.1 15.1

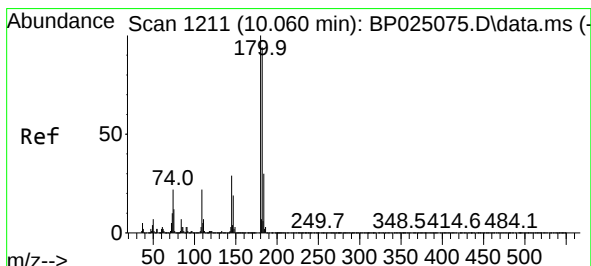
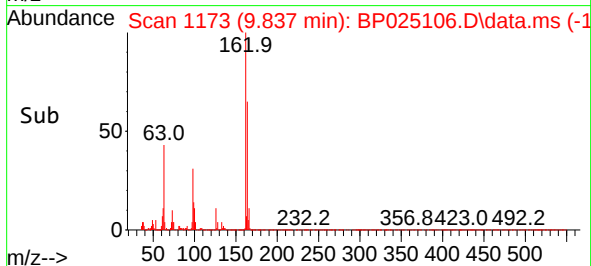
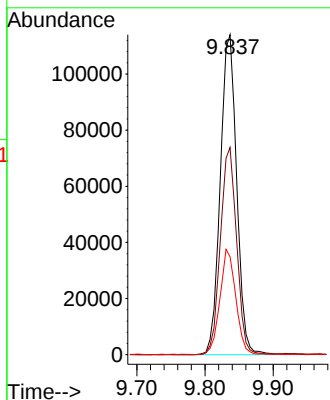
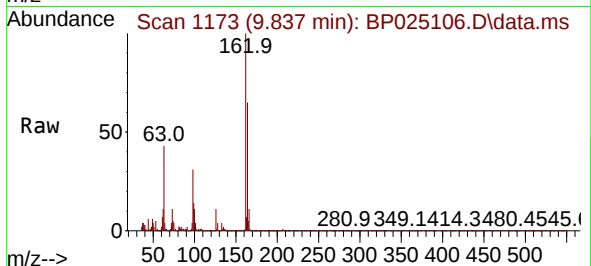




#29
2,4-Dichlorophenol
Concen: 8.623 ng
RT: 9.837 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

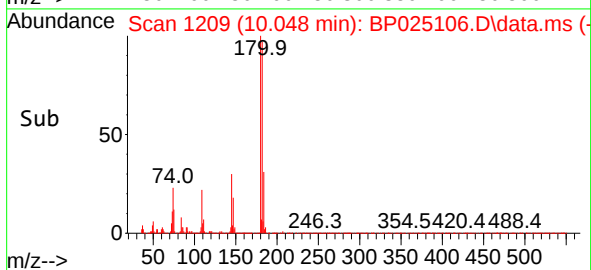
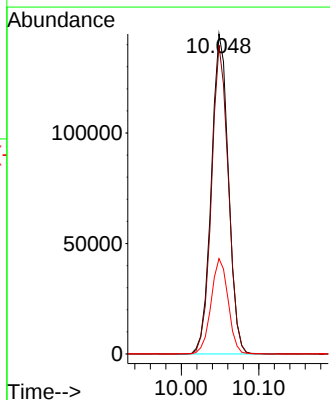
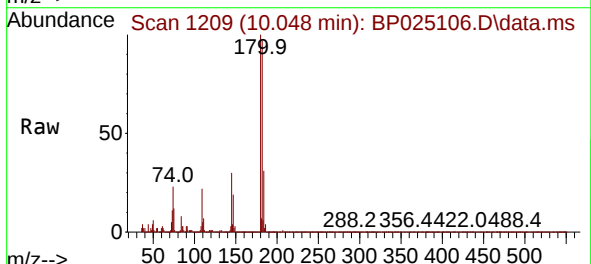
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

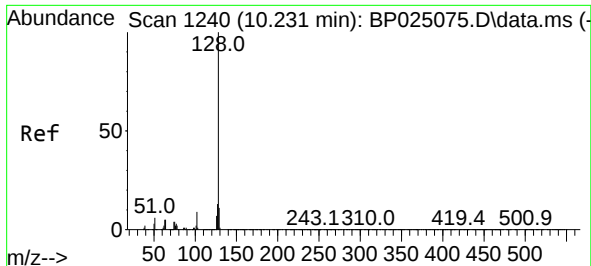
Tgt Ion:162 Resp: 190819
Ion Ratio Lower Upper
162 100
164 64.7 44.1 84.1
98 30.6 13.1 53.1



#30
1,2,4-Trichlorobenzene
Concen: 9.058 ng
RT: 10.048 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:180 Resp: 221977
Ion Ratio Lower Upper
180 100
182 96.5 75.1 112.7
145 29.8 23.3 34.9

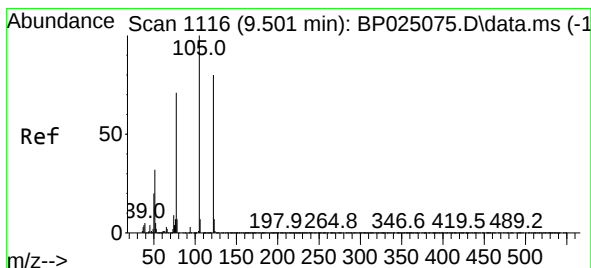
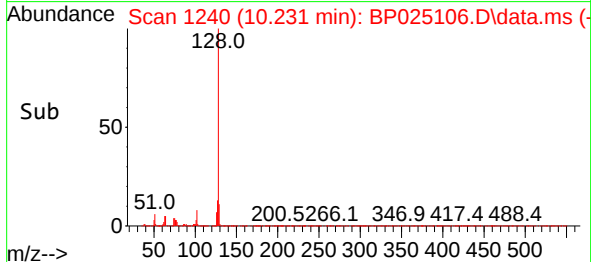
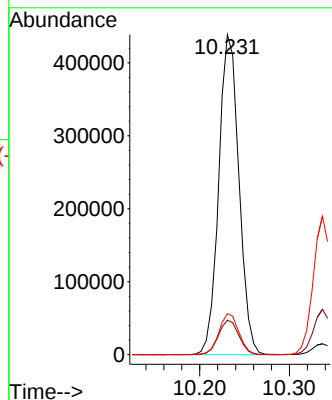
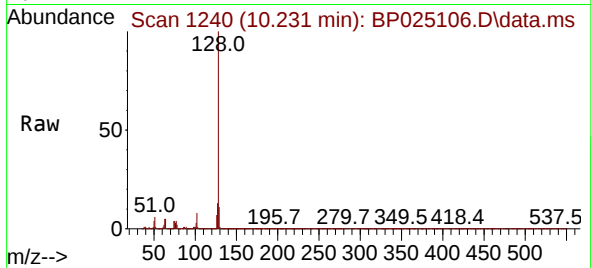




#31
Naphthalene
Concen: 8.735 ng
RT: 10.231 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

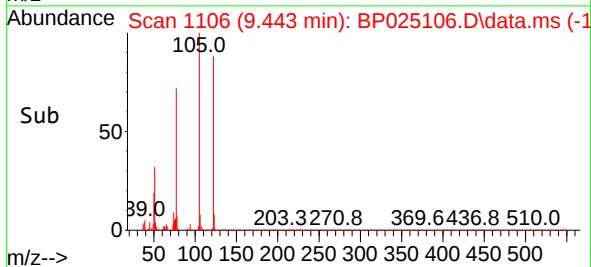
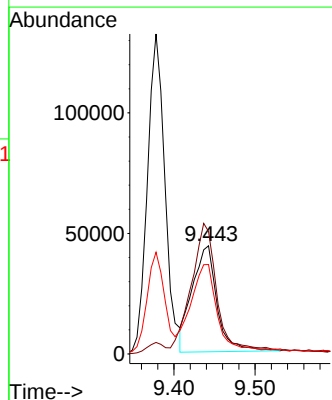
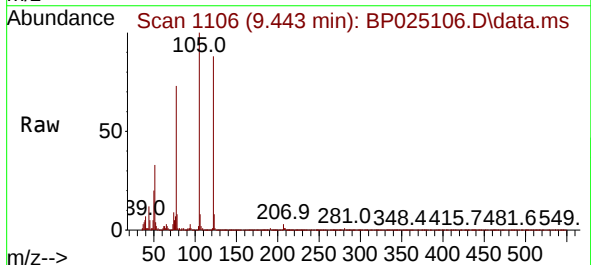
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

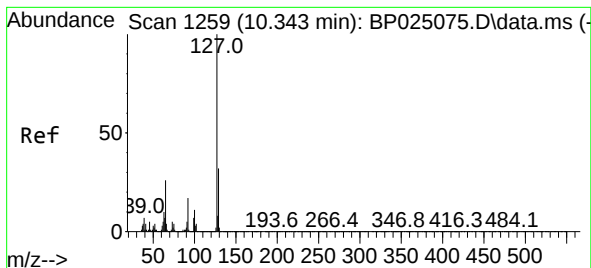
Tgt Ion:128 Resp: 684771
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 11.336 ng
RT: 9.443 min Scan# 1106
Delta R.T. -0.058 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:122 Resp: 93979
Ion Ratio Lower Upper
122 100
105 113.3 101.0 141.0
77 82.7 67.6 107.6

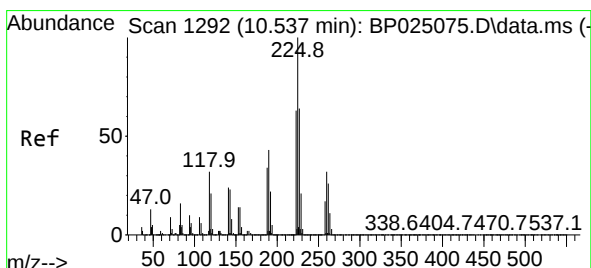
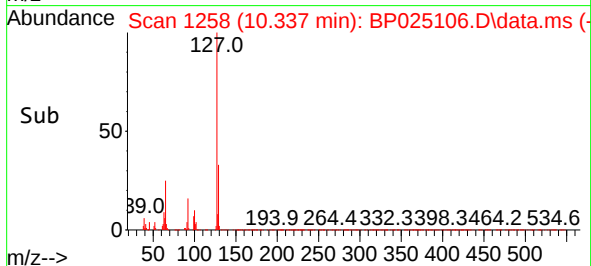
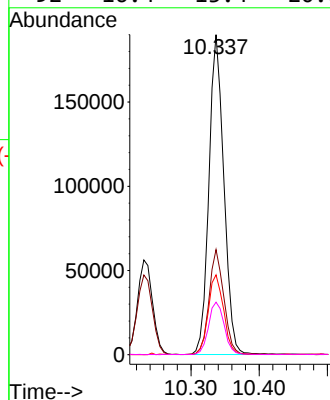
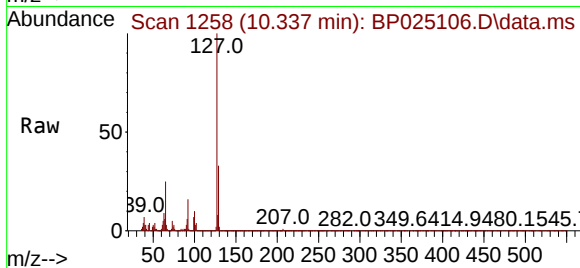




#33
4-Chloroaniline
Concen: 9.907 ng
RT: 10.337 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

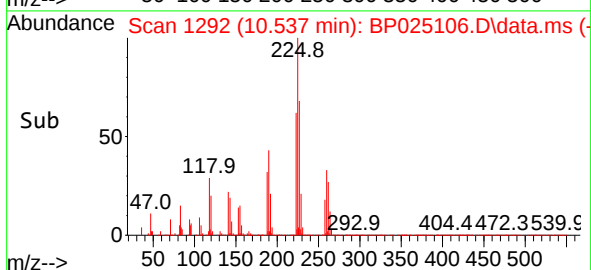
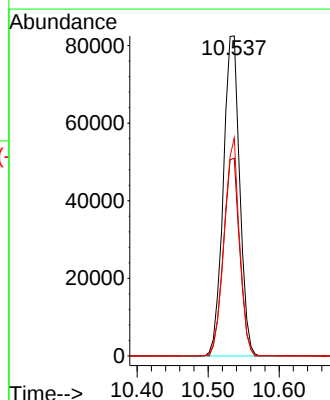
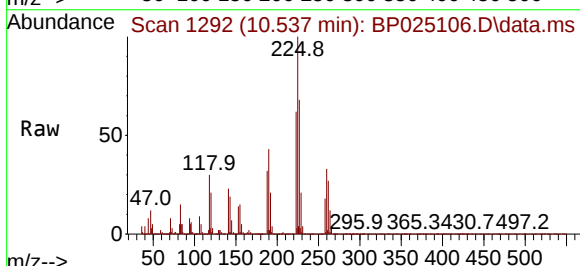
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

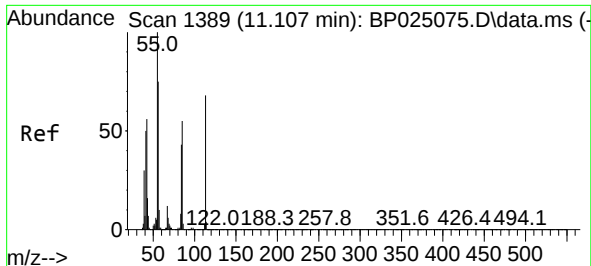
Tgt Ion:	127	Resp:	289860
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	24.9	21.0	31.6
92	16.4	13.4	20.0



#34
Hexachlorobutadiene
Concen: 9.365 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:	225	Resp:	131704
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	68.2	51.3	76.9

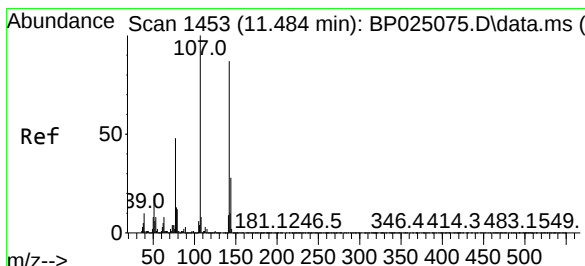
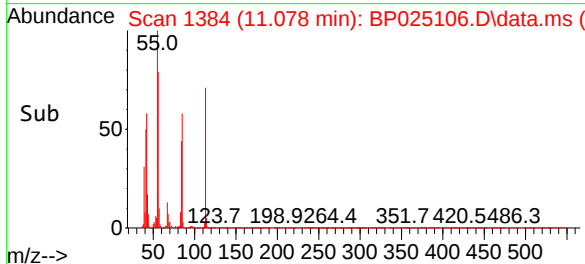
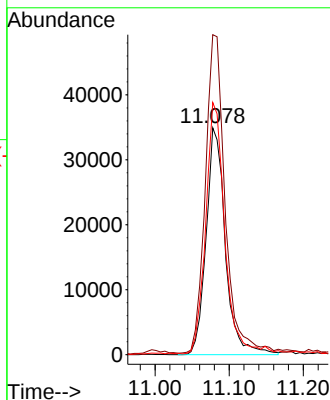
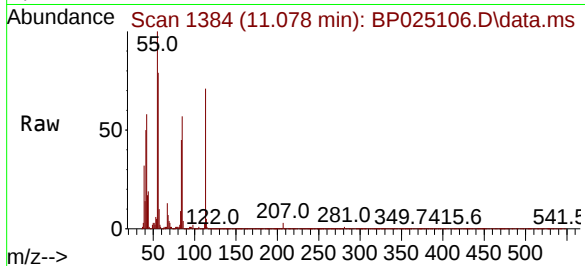




#35
Caprolactam
Concen: 8.306 ng
RT: 11.078 min Scan# 1389
Delta R.T. -0.029 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

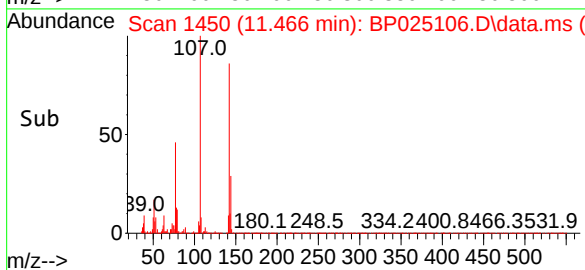
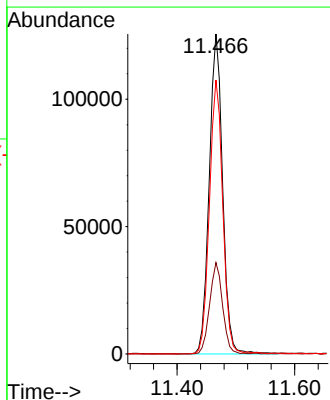
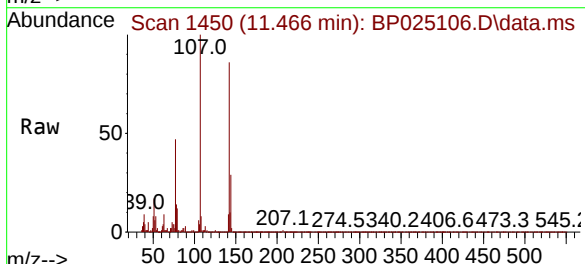
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

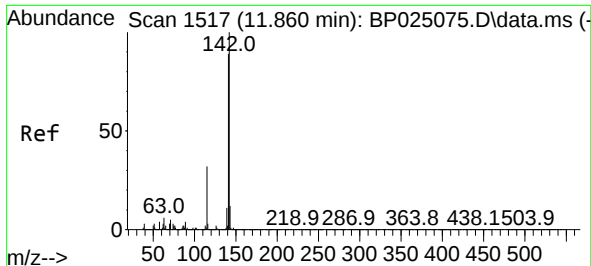
Tgt Ion:113 Resp: 62877
Ion Ratio Lower Upper
113 100
55 141.0 128.1 168.1
56 111.1 90.7 130.7



#36
4-Chloro-3-methylphenol
Concen: 8.602 ng
RT: 11.466 min Scan# 1450
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:107 Resp: 198919
Ion Ratio Lower Upper
107 100
144 28.6 22.4 33.6
142 85.6 69.6 104.4

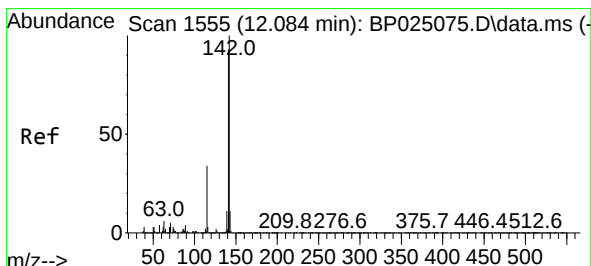
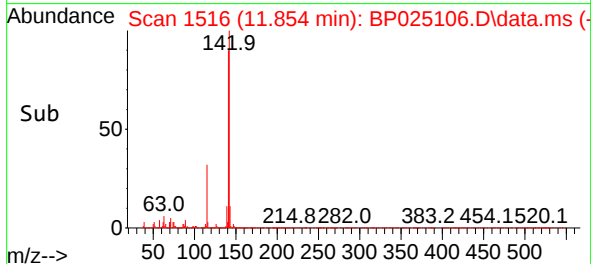
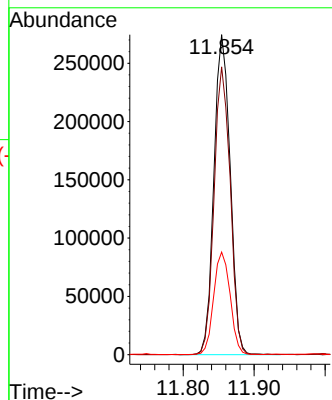
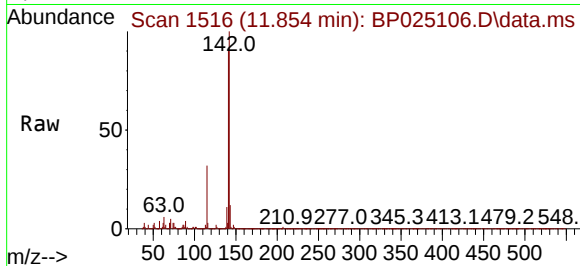




#37
2-Methylnaphthalene
Concen: 7.855 ng
RT: 11.854 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

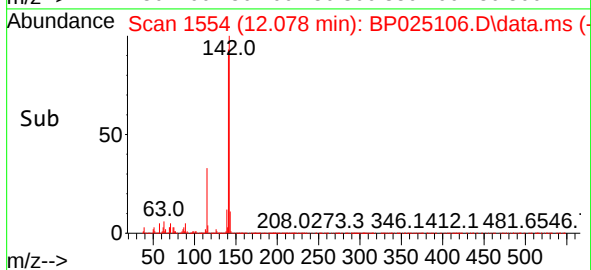
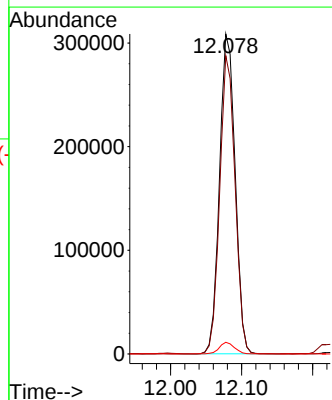
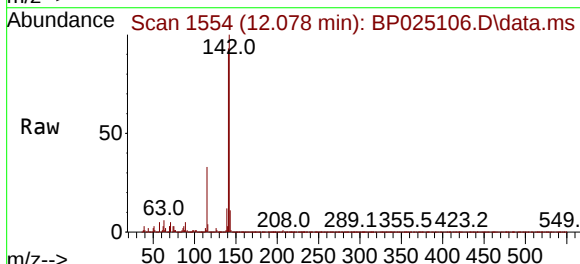
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

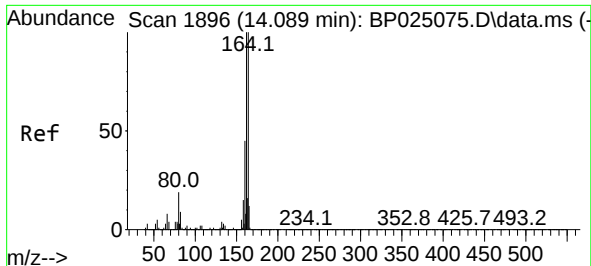
Tgt Ion:142 Resp: 434503
Ion Ratio Lower Upper
142 100
141 89.9 71.2 106.8
115 32.0 25.9 38.9



#38
1-Methylnaphthalene
Concen: 8.692 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:142 Resp: 468897
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1
116 3.7 2.7 4.1

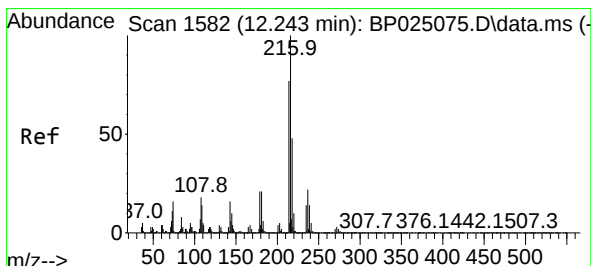
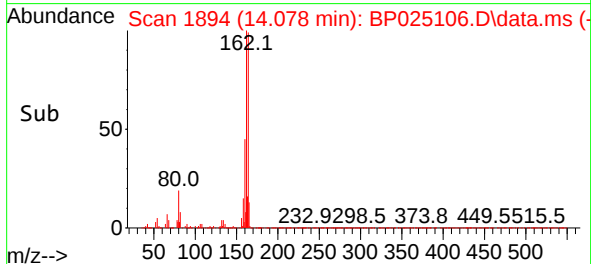
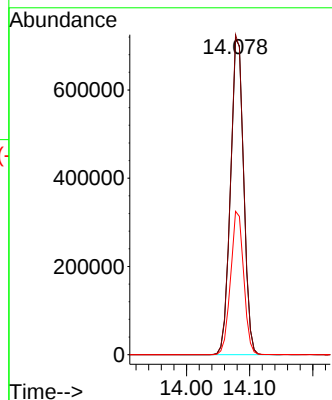
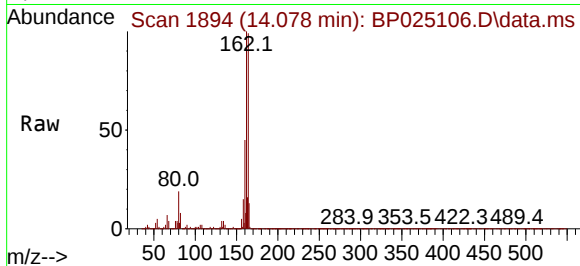




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1896
Delta R.T. -0.011 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

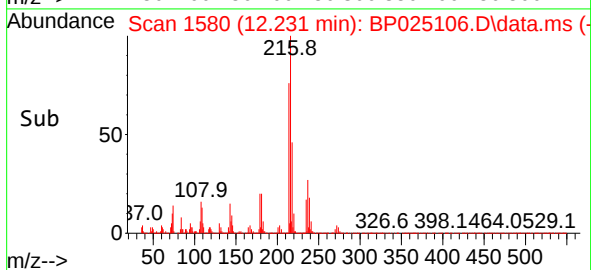
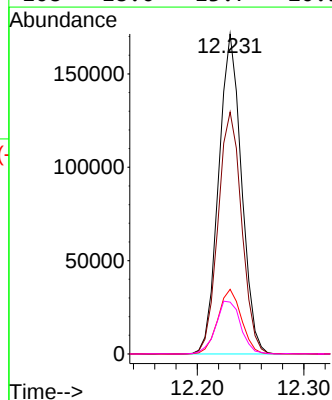
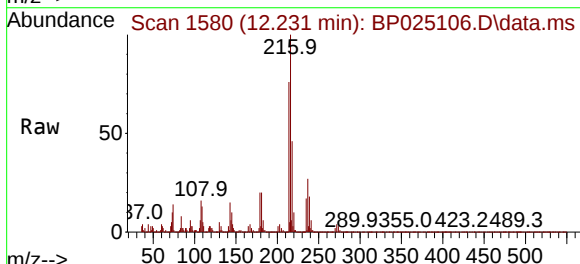
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

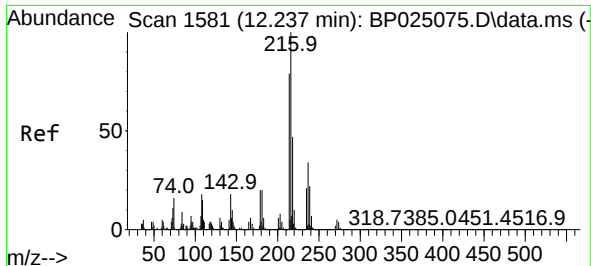
Tgt Ion:164 Resp: 1034826
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 45.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.581 ng
RT: 12.231 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:216 Resp: 255195
Ion Ratio Lower Upper
216 100
214 78.0 62.4 93.6
179 20.9 16.5 24.7
108 18.0 13.7 20.5

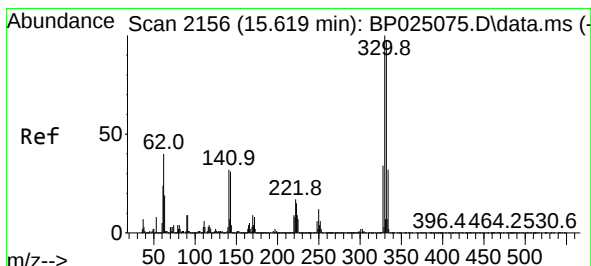
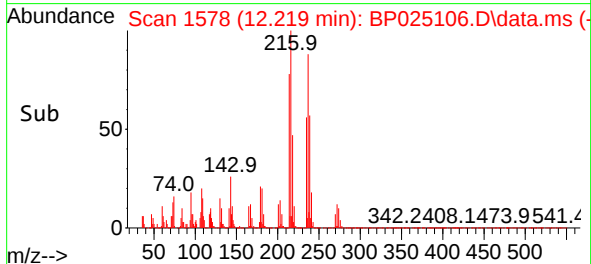
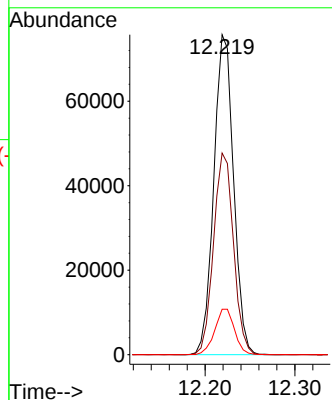
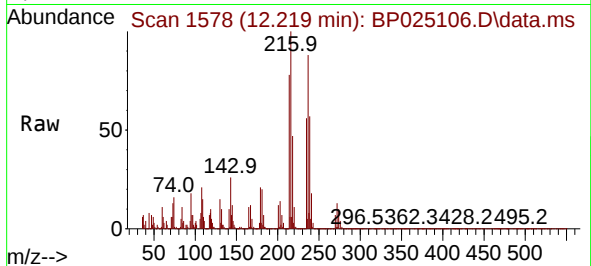




#41
Hexachlorocyclopentadiene
Concen: 14.901 ng
RT: 12.219 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

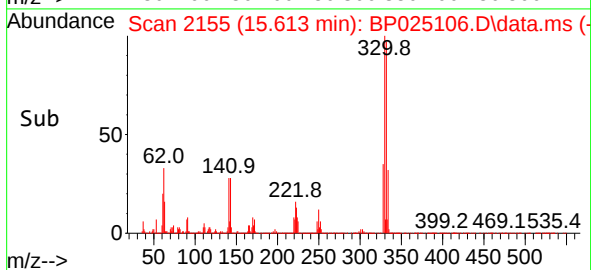
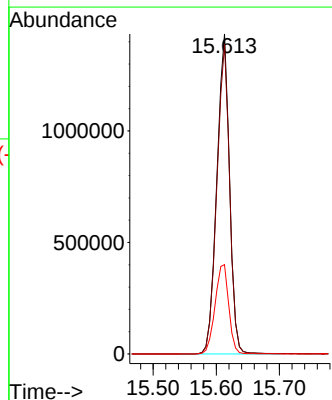
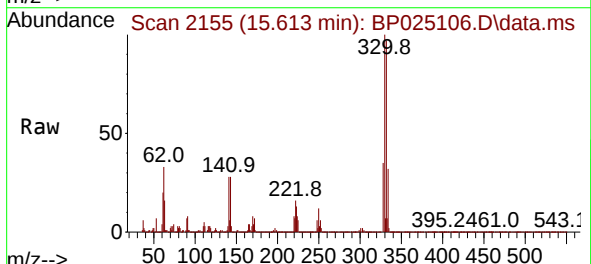
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

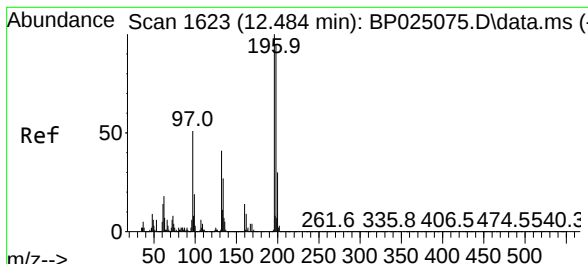
Tgt Ion:237 Resp: 115759
Ion Ratio Lower Upper
237 100
235 63.0 41.6 81.6
272 14.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 164.564 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:330 Resp: 2011760
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 30.0 26.0 39.0

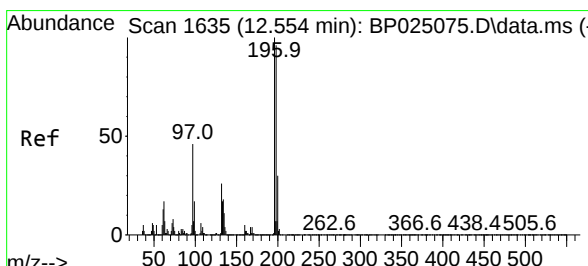
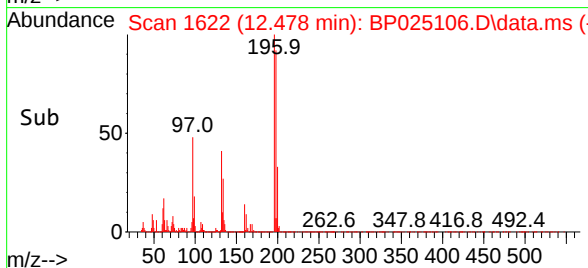
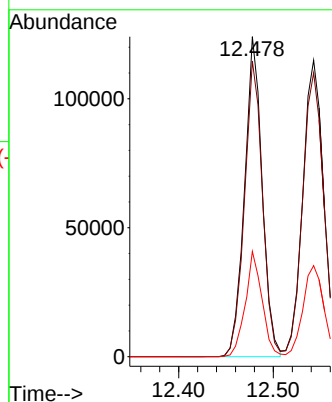
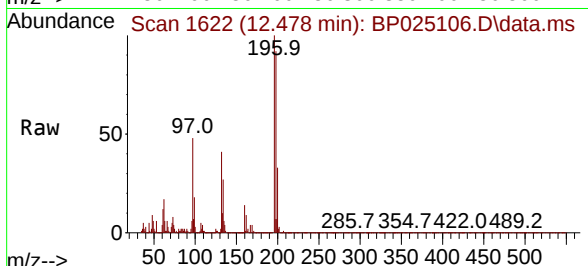




#43
2,4,6-Trichlorophenol
Concen: 8.917 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

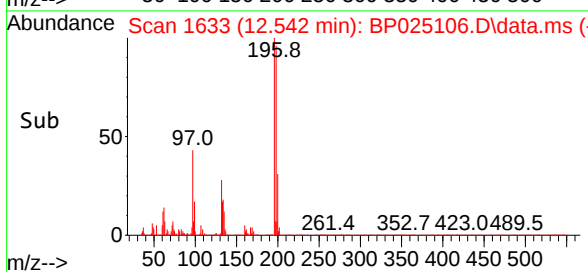
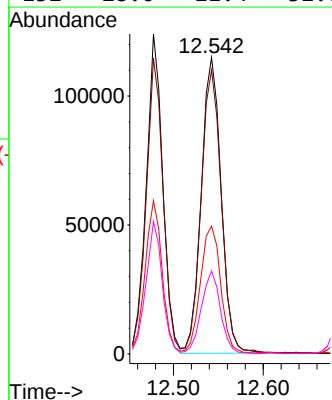
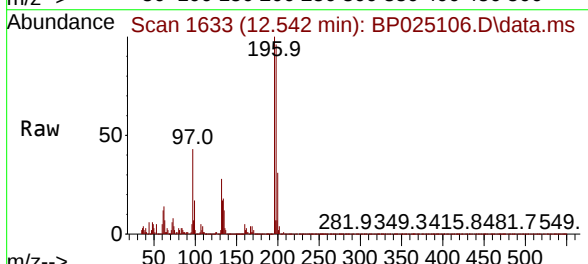
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

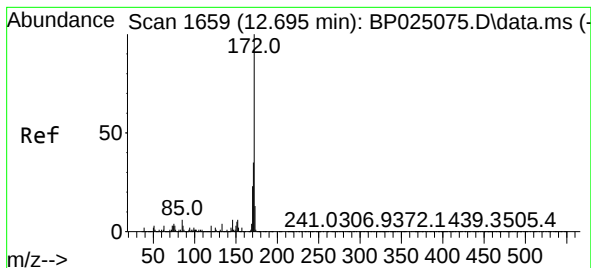
Tgt Ion:196 Resp: 160575
Ion Ratio Lower Upper
196 100
198 92.4 76.2 114.2
200 32.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 8.669 ng
RT: 12.542 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:196 Resp: 176935
Ion Ratio Lower Upper
196 100
198 95.7 76.6 115.0
97 43.1 36.6 55.0
132 28.0 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 99.220 ng

RT: 12.690 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

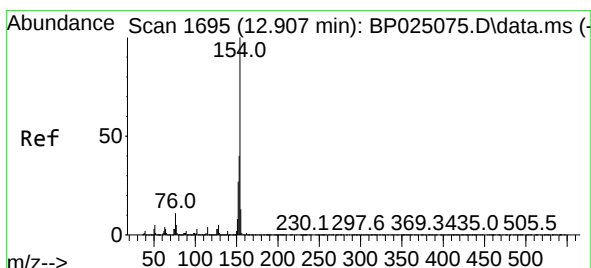
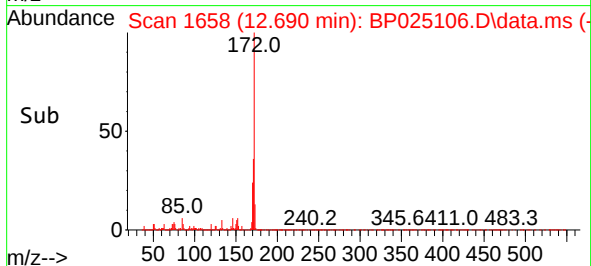
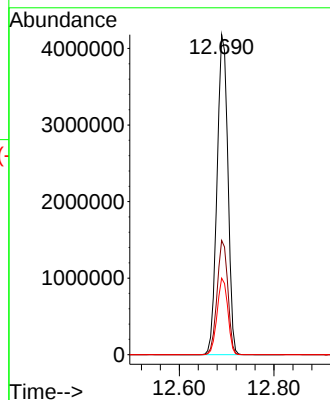
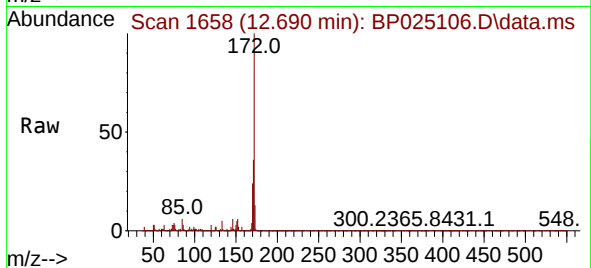
Tgt Ion:172 Resp: 6627756

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 8.783 ng

RT: 12.889 min Scan# 1692

Delta R.T. -0.018 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

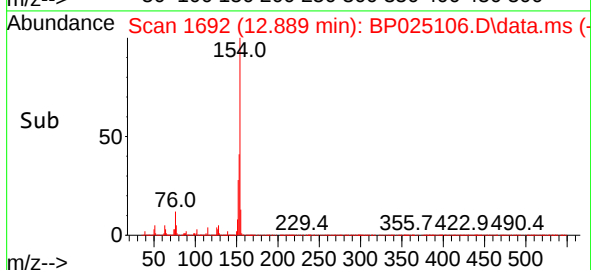
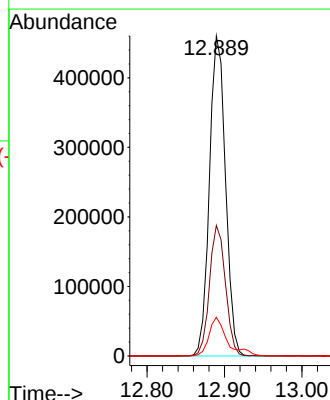
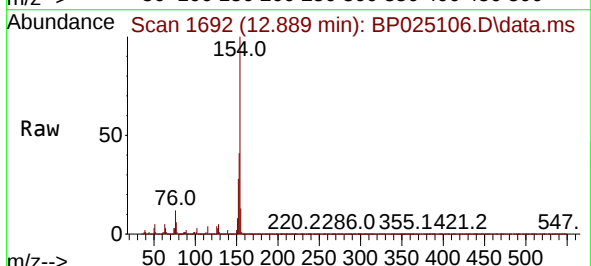
Tgt Ion:154 Resp: 661308

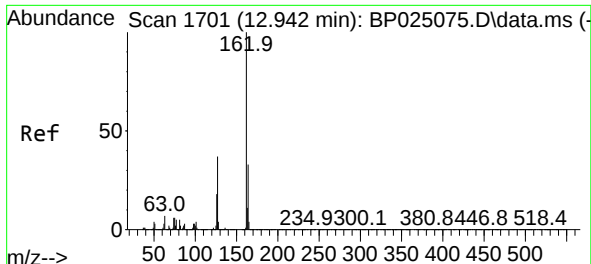
Ion Ratio Lower Upper

154 100

153 40.8 20.2 60.2

76 12.1 0.0 31.5

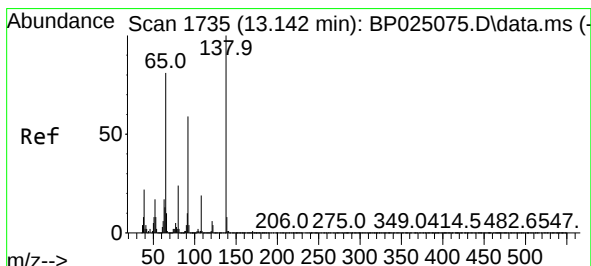
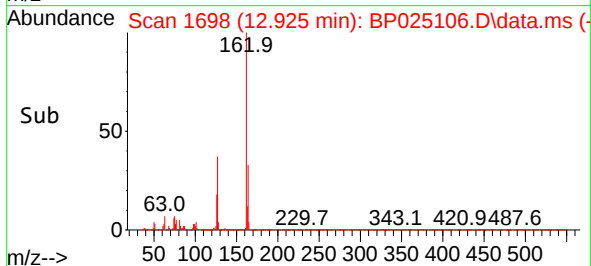
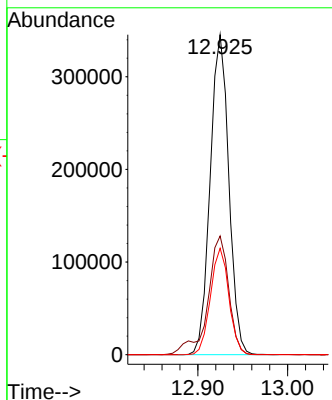
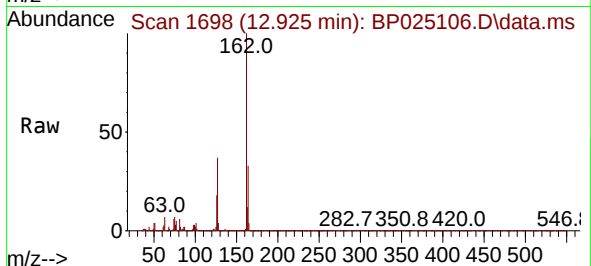




#47
2-Chloronaphthalene
Concen: 8.804 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

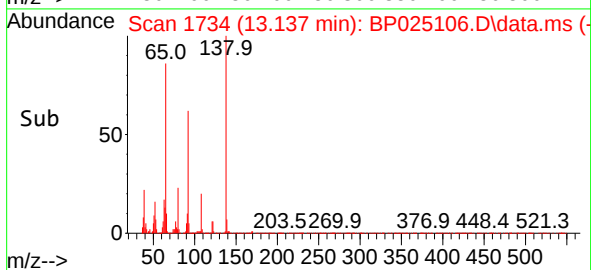
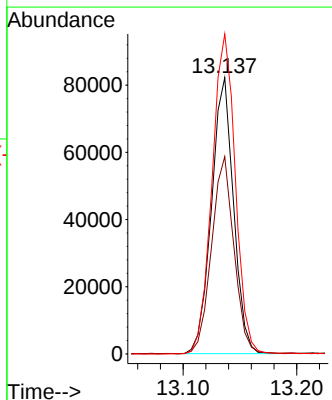
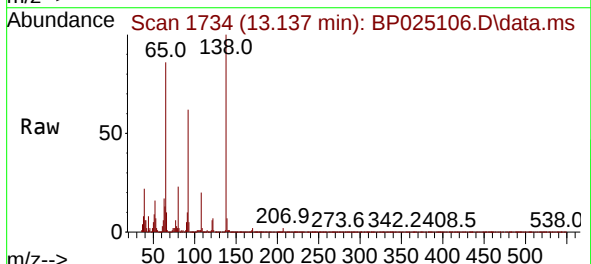
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

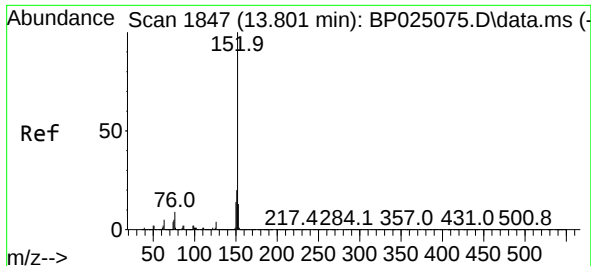
Tgt Ion:162 Resp: 498212
Ion Ratio Lower Upper
162 100
127 37.1 29.4 44.2
164 33.2 26.4 39.6



#48
2-Nitroaniline
Concen: 10.293 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion: 65 Resp: 110741
Ion Ratio Lower Upper
65 100
92 71.4 58.7 88.1
138 115.8 99.0 148.4

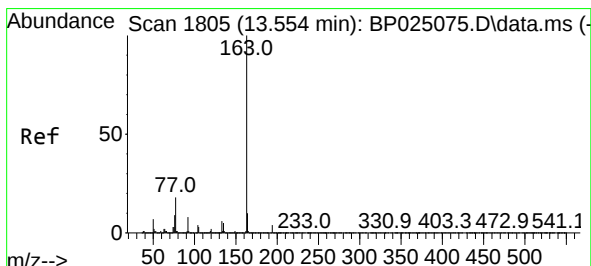
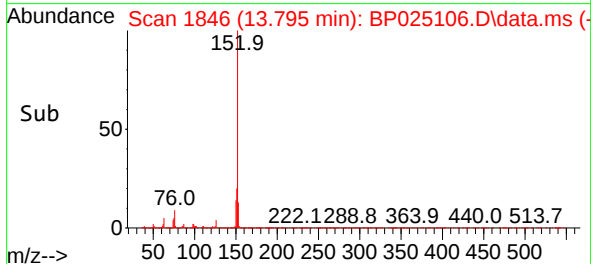
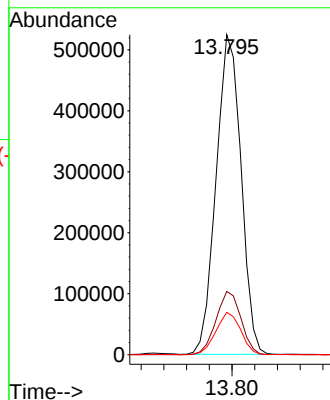
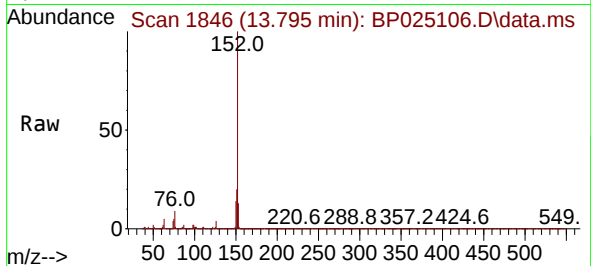




#49
Acenaphthylene
Concen: 9.239 ng
RT: 13.795 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

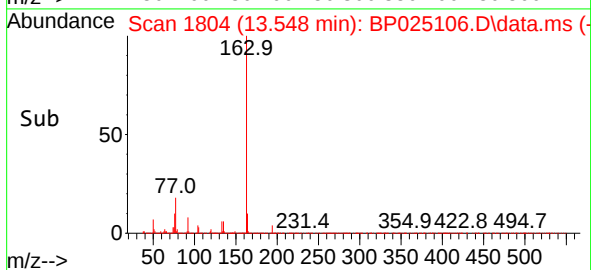
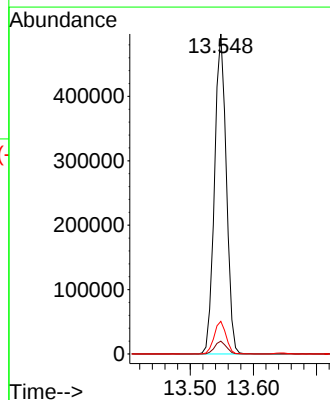
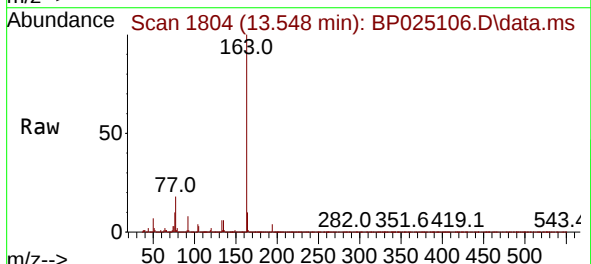
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

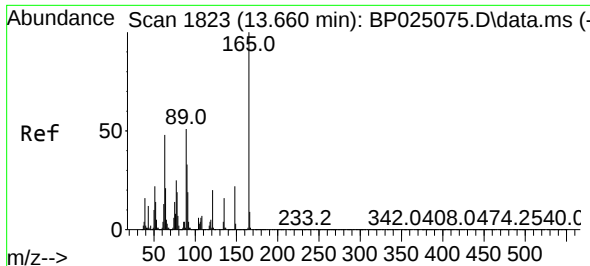
Tgt Ion:152 Resp: 800251
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 8.882 ng
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:163 Resp: 643398
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.0 12.0

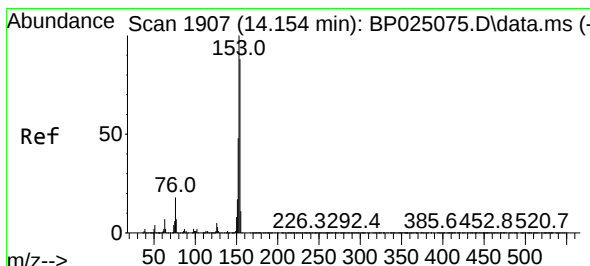
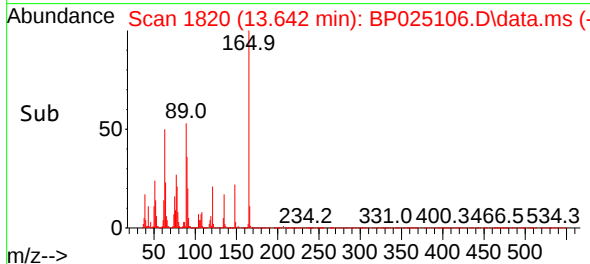
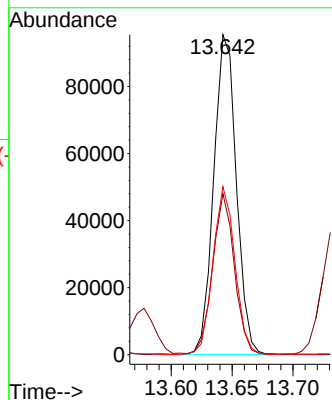
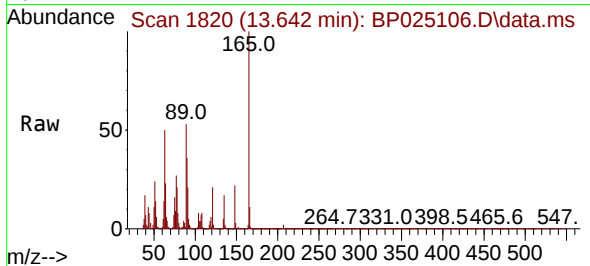




#51
2,6-Dinitrotoluene
Concen: 8.729 ng
RT: 13.642 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

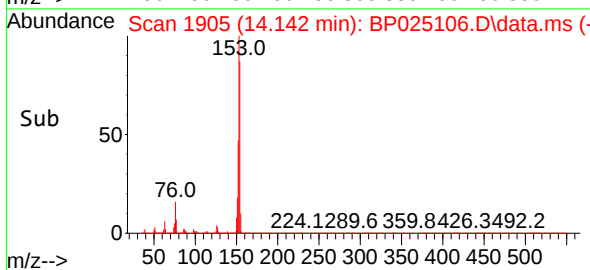
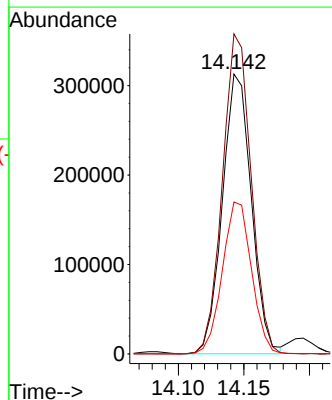
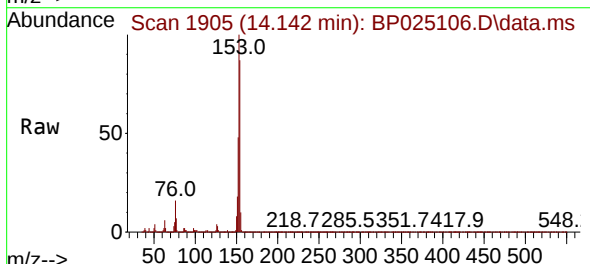
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

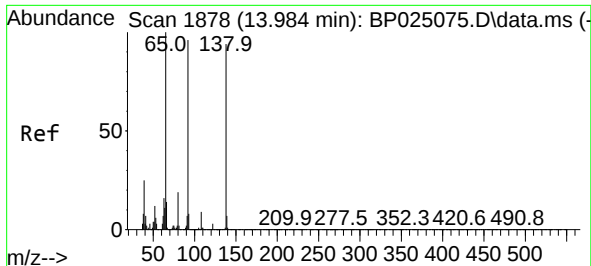
Tgt Ion:165 Resp: 123323
Ion Ratio Lower Upper
165 100
63 50.3 38.5 57.7
89 52.5 40.6 61.0



#52
Acenaphthene
Concen: 8.597 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:154 Resp: 479907
Ion Ratio Lower Upper
154 100
153 114.3 90.6 136.0
152 54.3 43.8 65.8

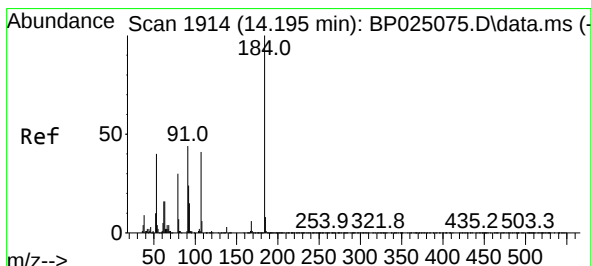
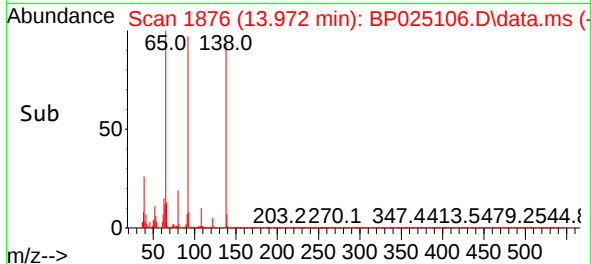
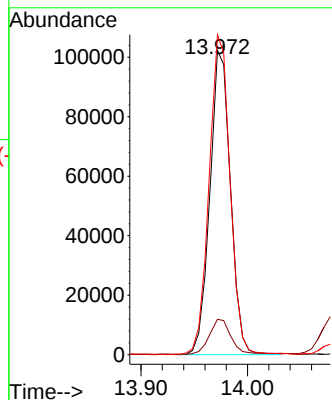
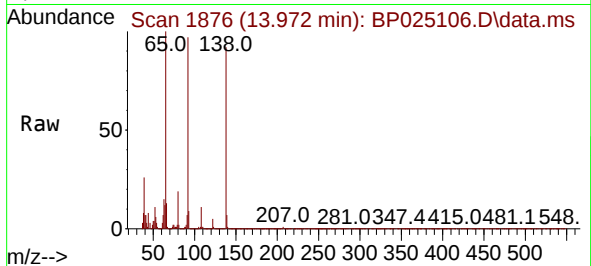




#53
3-Nitroaniline
Concen: 9.063 ng
RT: 13.972 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

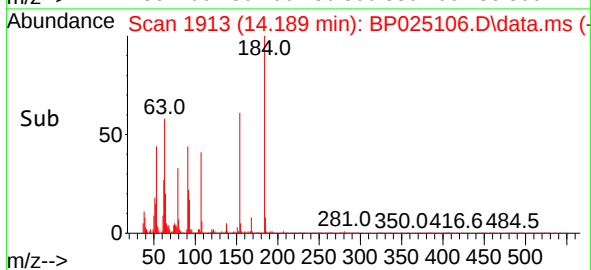
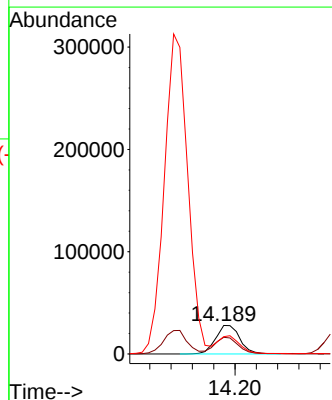
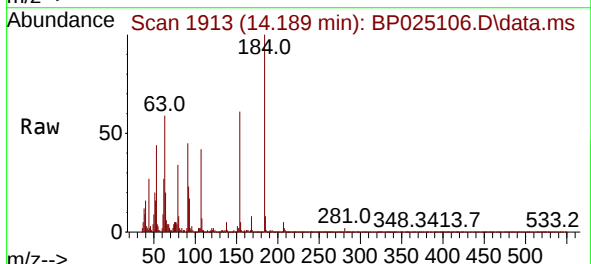
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

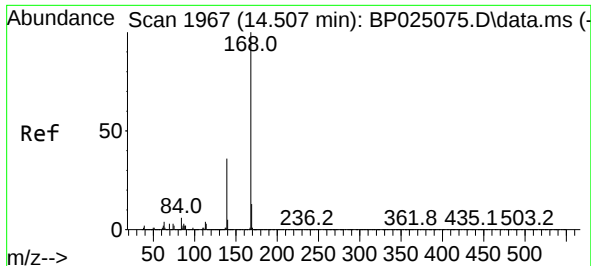
Tgt Ion:138 Resp: 137212
Ion Ratio Lower Upper
138 100
108 11.6 7.8 11.8
92 105.1 81.0 121.4



#54
2,4-Dinitrophenol
Concen: 11.337 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:184 Resp: 44059
Ion Ratio Lower Upper
184 100
63 58.6 47.4 71.0
154 60.8 47.8 71.8

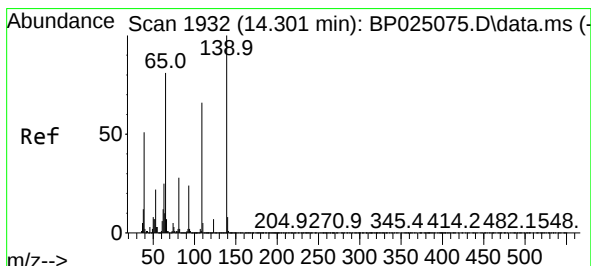
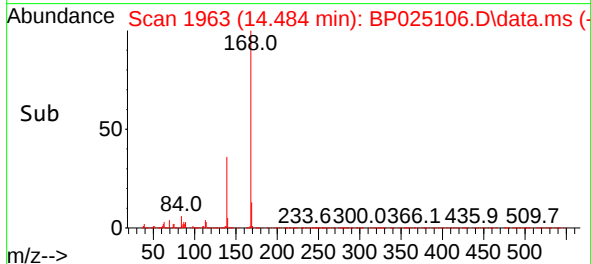
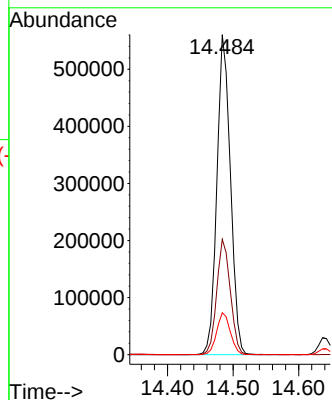
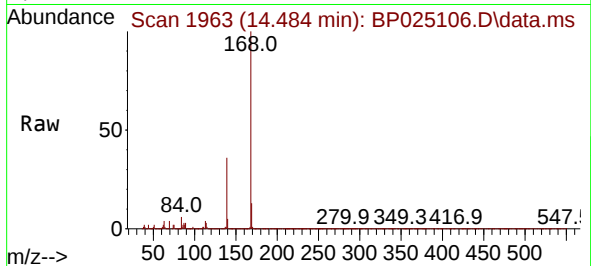




#55
Dibenzenofuran
Concen: 8.685 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.024 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

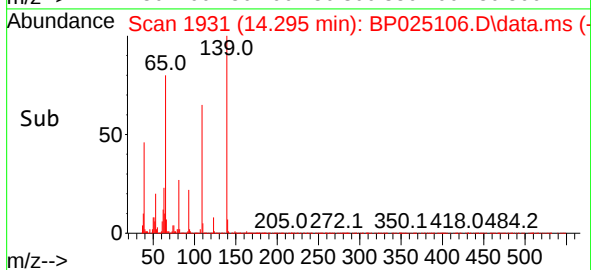
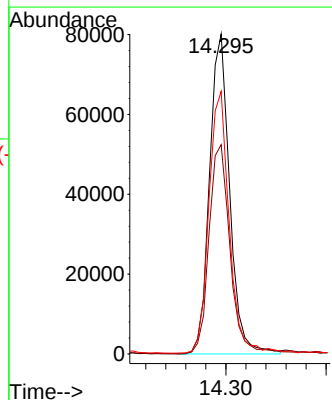
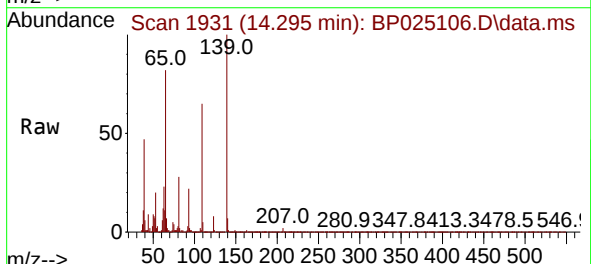
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

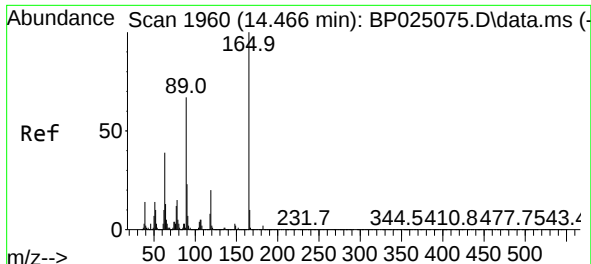
Tgt Ion:168 Resp: 800132
Ion Ratio Lower Upper
168 100
139 36.1 28.6 43.0
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 7.996 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:139 Resp: 111724
Ion Ratio Lower Upper
139 100
109 65.4 45.9 85.9
65 82.1 61.4 101.4

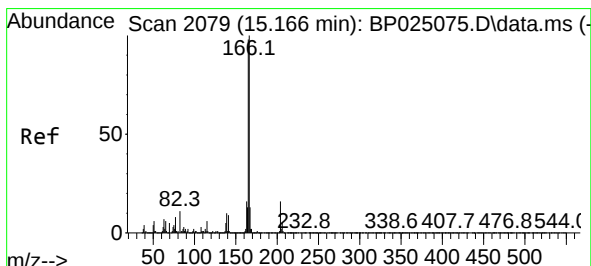
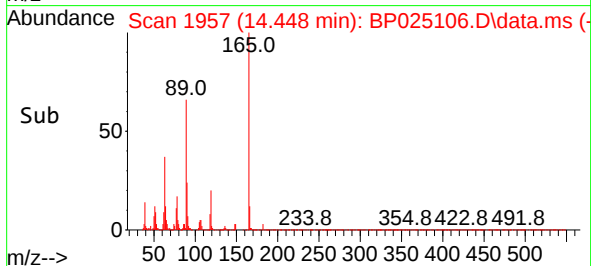
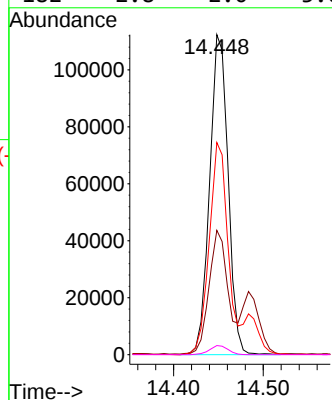
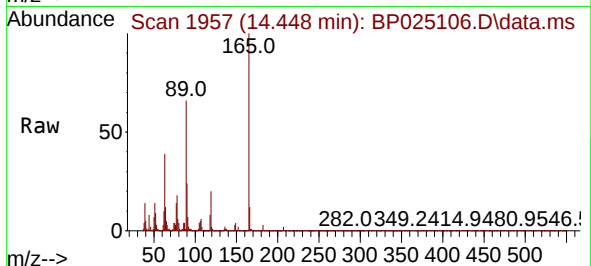




#57
2,4-Dinitrotoluene
Concen: 9.936 ng
RT: 14.448 min Scan# 1960
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

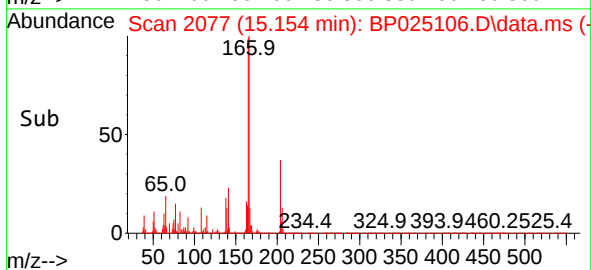
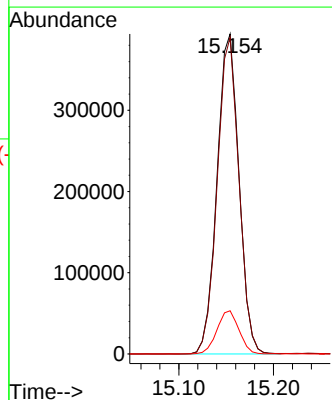
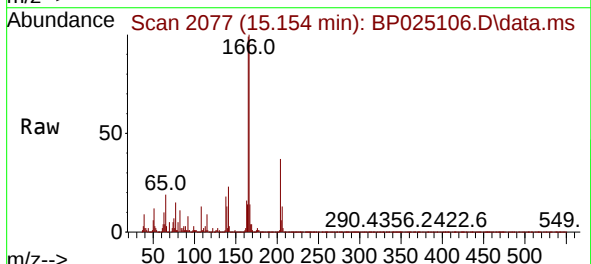
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

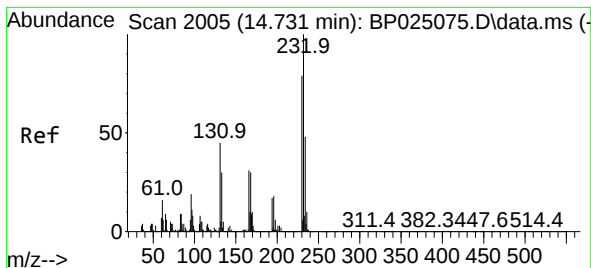
Tgt Ion:165 Resp: 160139
Ion Ratio Lower Upper
165 100
63 38.8 31.0 46.4
89 66.3 53.4 80.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 8.904 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:166 Resp: 634471
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.681 ng

RT: 14.713 min Scan# 2002

Delta R.T. -0.018 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:232 Resp: 160436

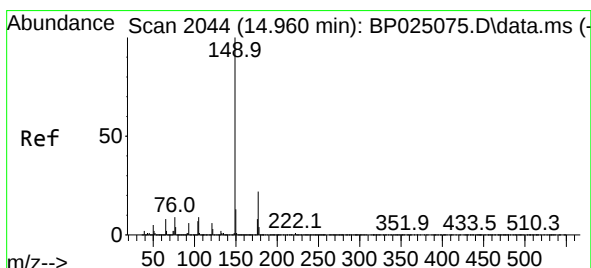
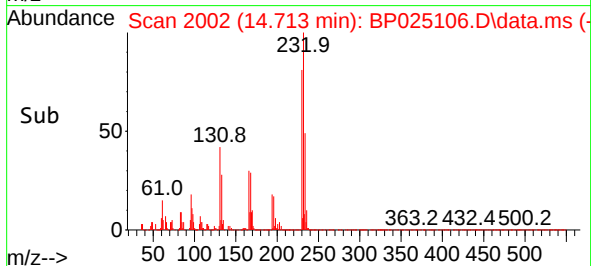
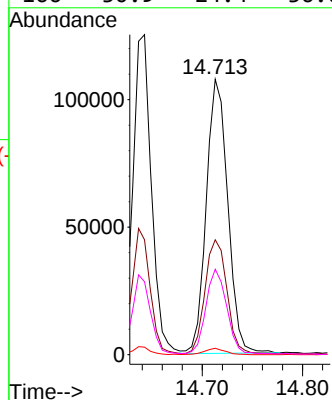
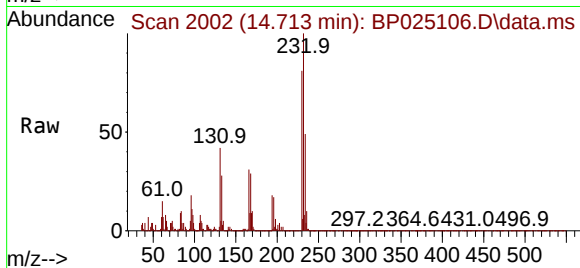
Ion Ratio Lower Upper

232 100

131 42.9 35.7 53.5

130 2.2 1.8 2.6

166 30.9 24.4 36.6



#60

Diethylphthalate

Concen: 8.858 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

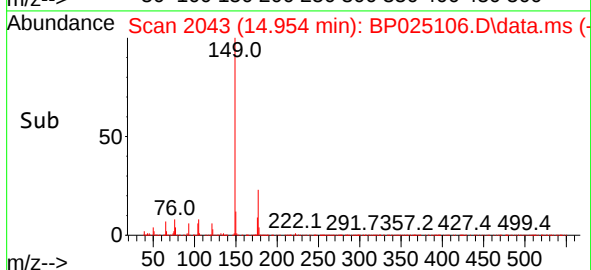
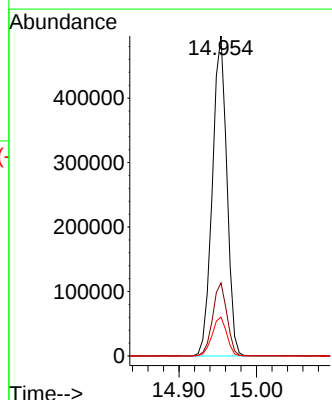
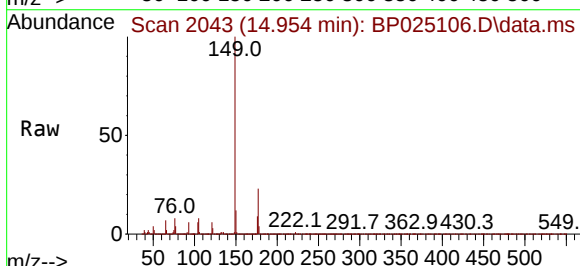
Tgt Ion:149 Resp: 644501

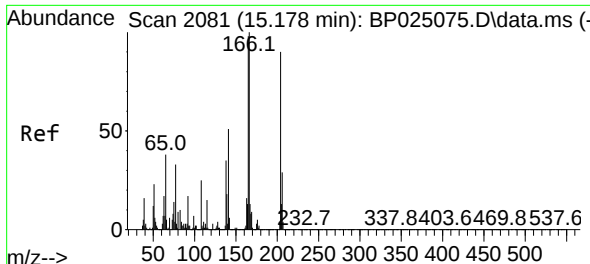
Ion Ratio Lower Upper

149 100

177 22.8 17.8 26.8

150 12.1 10.2 15.2

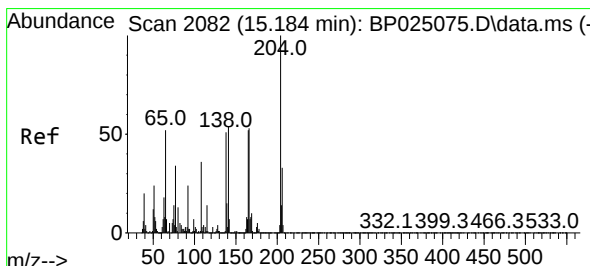
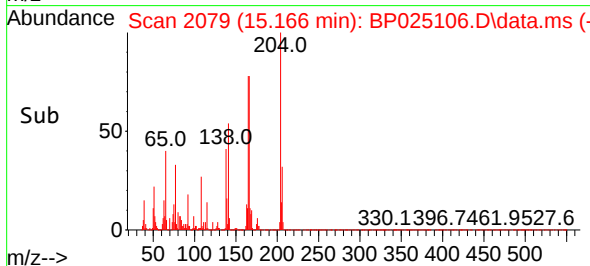
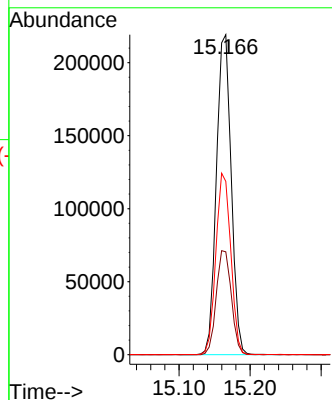
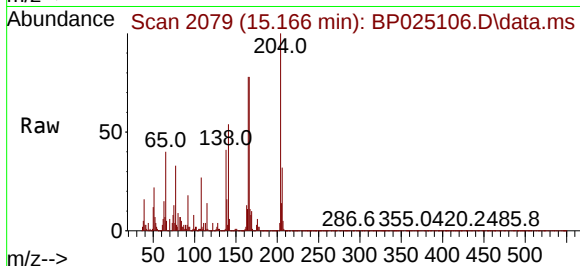




#61
4-Chlorophenyl-phenylether
Concen: 8.965 ng
RT: 15.166 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

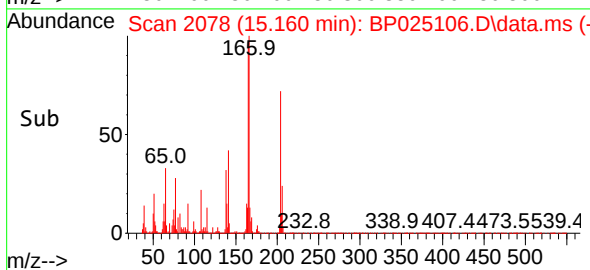
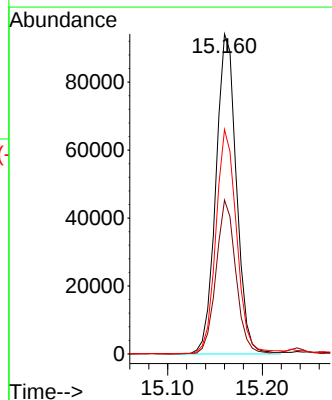
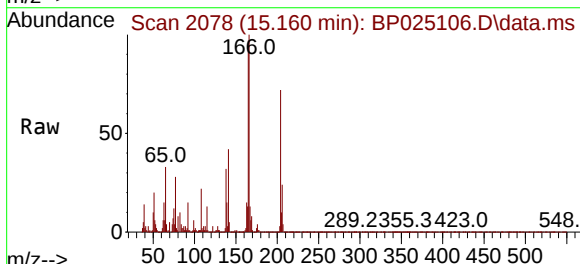
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

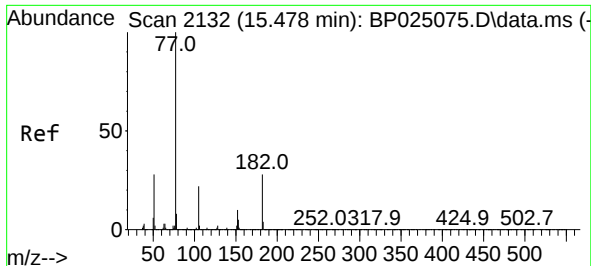
Tgt Ion:204 Resp: 316170
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 54.2 45.1 67.7



#62
4-Nitroaniline
Concen: 8.949 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.024 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:138 Resp: 142069
Ion Ratio Lower Upper
138 100
92 48.1 26.0 66.0
108 70.2 50.0 90.0

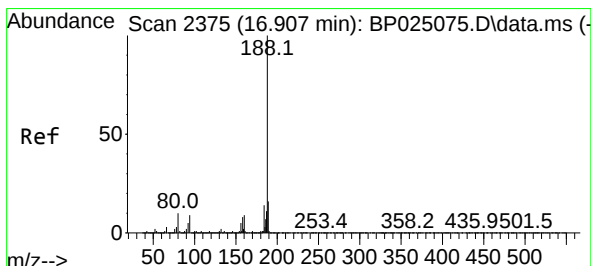
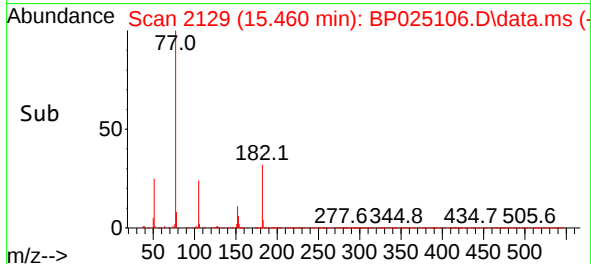
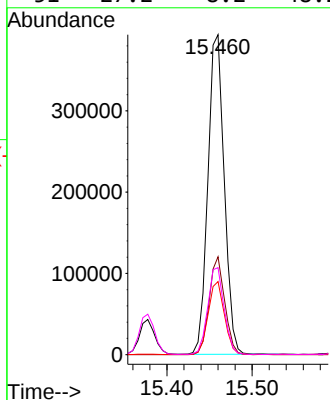
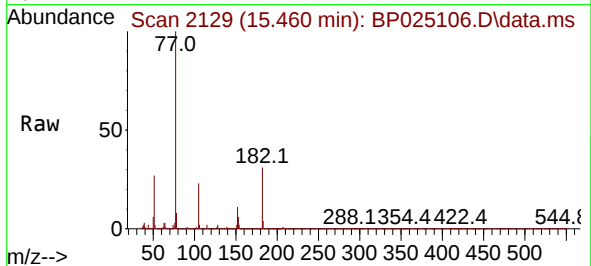




#63
Azobenzene
Concen: 8.116 ng
RT: 15.460 min Scan# 2132
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

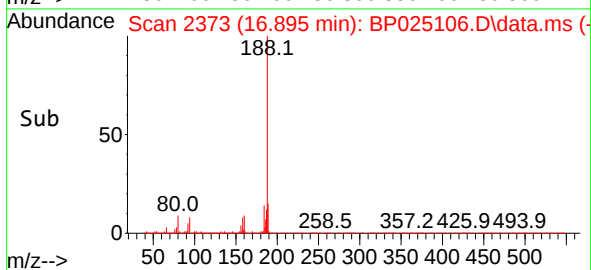
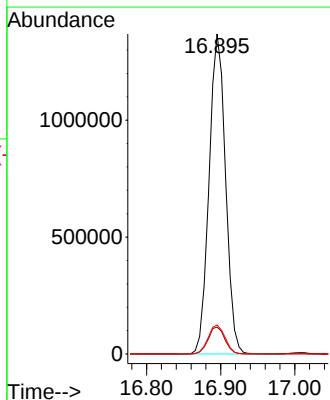
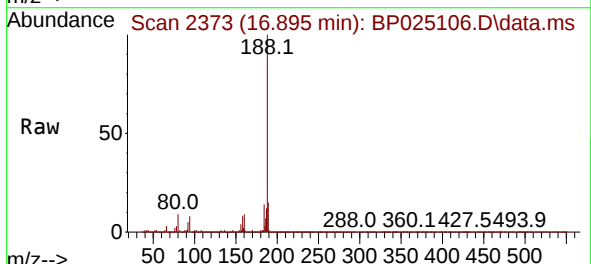
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

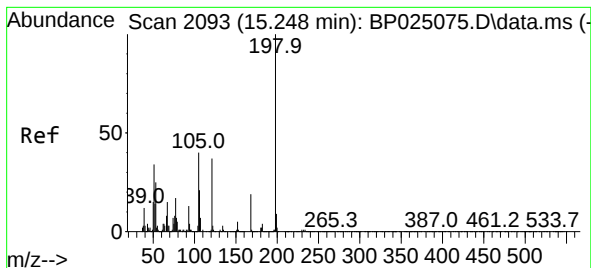
Tgt Ion: 77	Resp: 525797
Ion Ratio	Lower Upper
77 100	
182 30.6	7.7 47.7
105 22.9	1.9 41.9
51 27.2	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:188	Resp: 2111775		
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.3	10.9
80	9.1	7.8	11.6

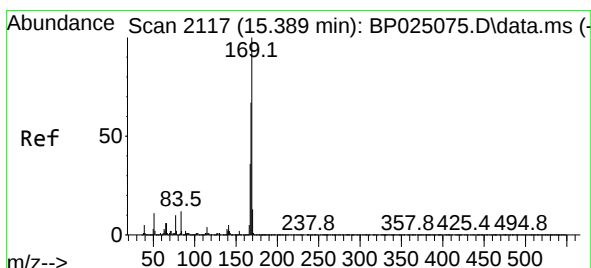
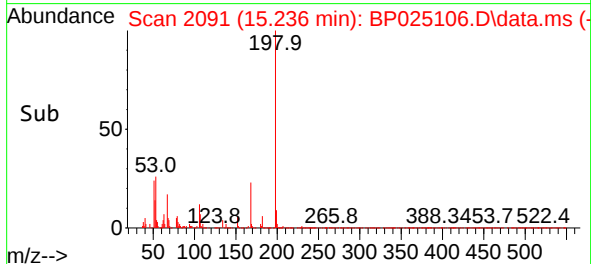
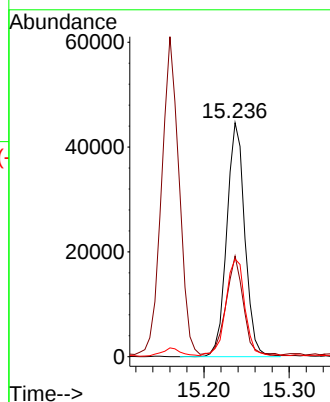
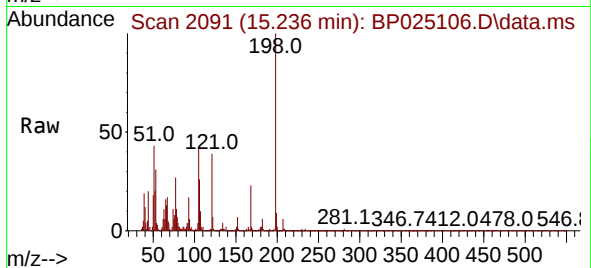




#65
4,6-Dinitro-2-methylphenol
Concen: 11.628 ng
RT: 15.236 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

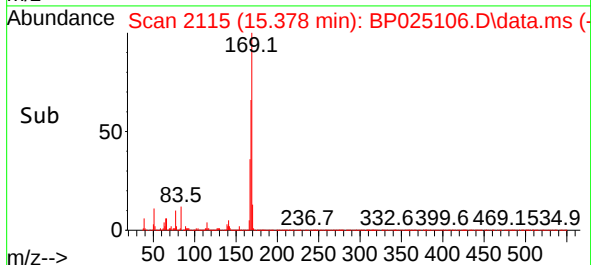
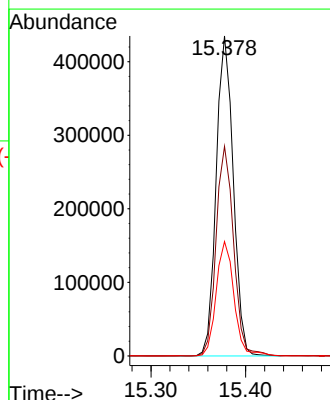
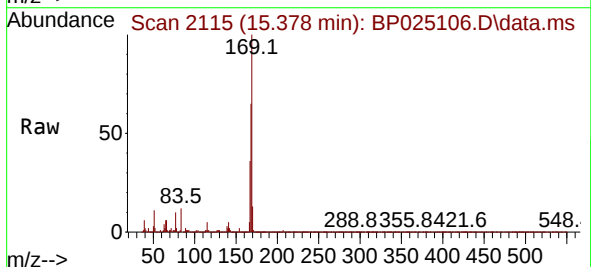
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

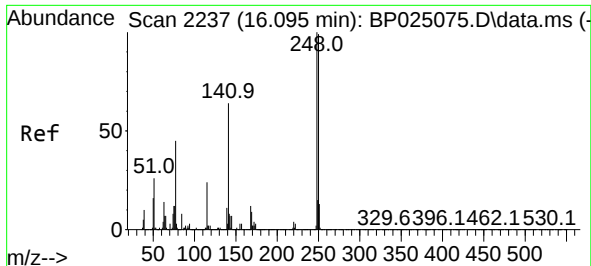
Tgt Ion:198 Resp: 65779
Ion Ratio Lower Upper
198 100
51 43.0 16.8 56.8
105 41.7 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 9.009 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:169 Resp: 544497
Ion Ratio Lower Upper
169 100
168 65.5 54.1 81.1
167 35.8 29.0 43.6

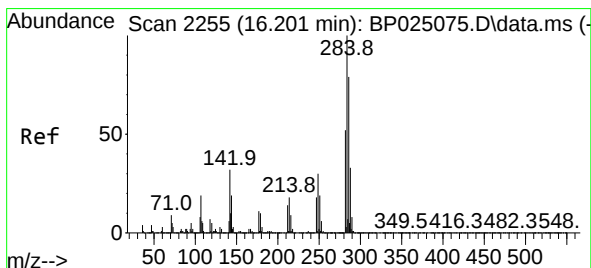
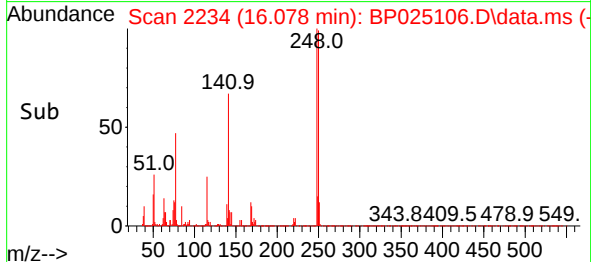
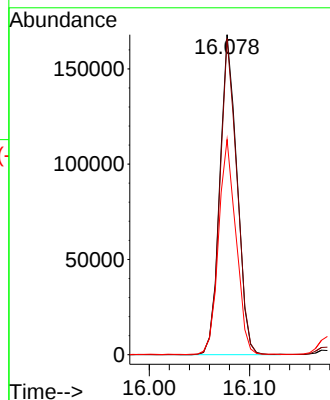
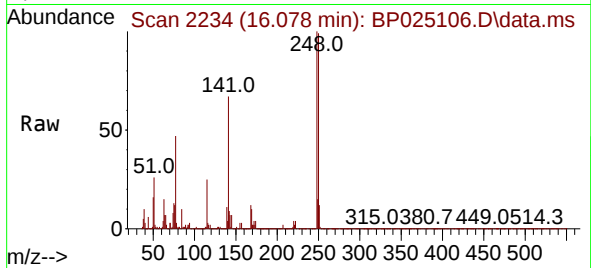




#67
4-Bromophenyl-phenylether
Concen: 9.208 ng
RT: 16.078 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

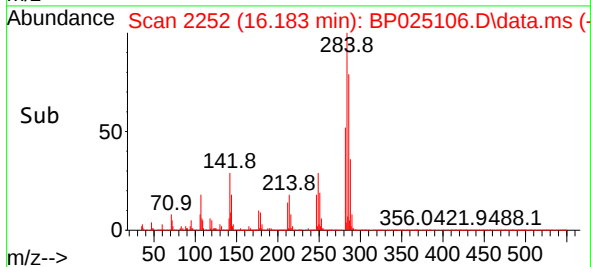
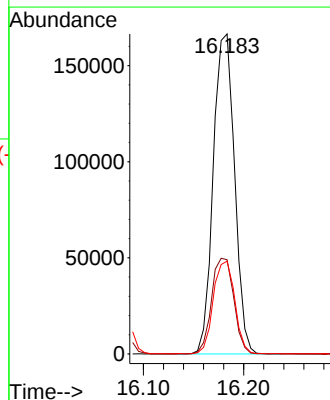
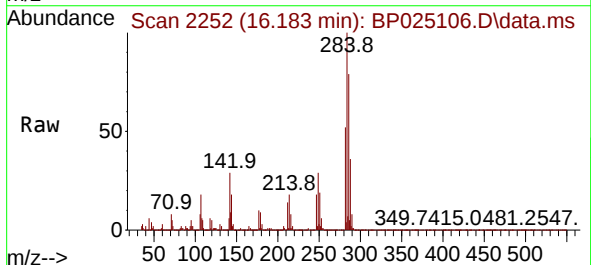
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

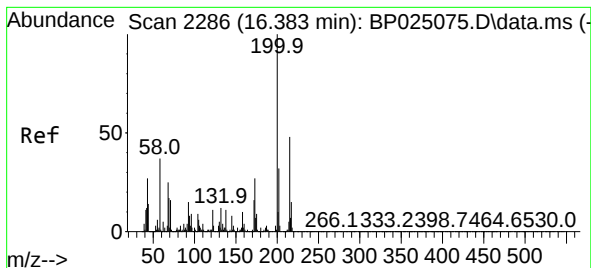
Tgt Ion:248 Resp: 199104
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.2
141 67.3 51.4 77.0



#68
Hexachlorobenzene
Concen: 9.268 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:284 Resp: 244943
Ion Ratio Lower Upper
284 100
142 29.5 25.9 38.9
249 29.0 23.8 35.8





#69

Atrazine

Concen: 10.898 ng

RT: 16.378 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

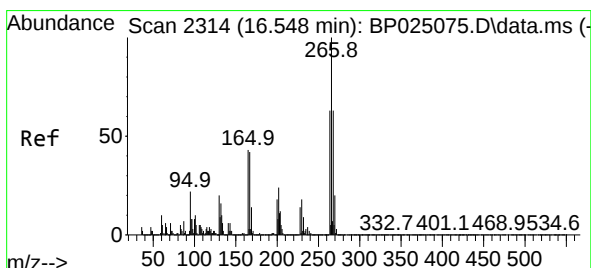
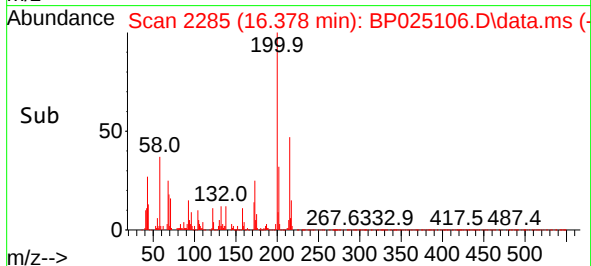
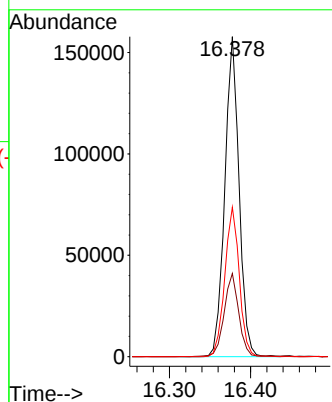
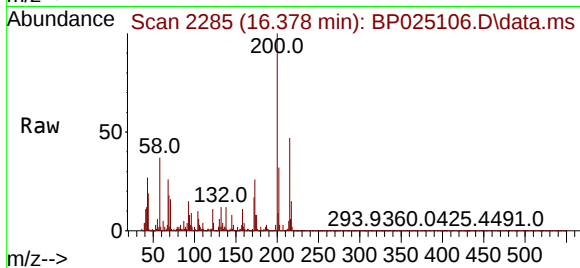
Tgt Ion:200 Resp: 193005

Ion Ratio Lower Upper

200 100

173 26.0 6.6 46.6

215 46.7 28.0 68.0



#70

Pentachlorophenol

Concen: 7.946 ng

RT: 16.542 min Scan# 2313

Delta R.T. -0.006 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

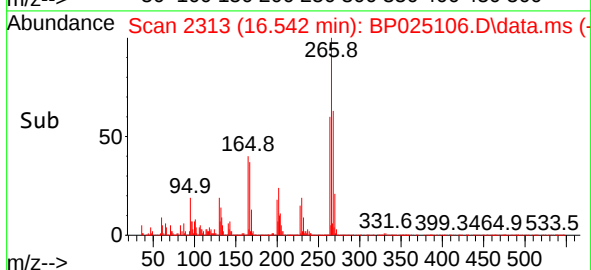
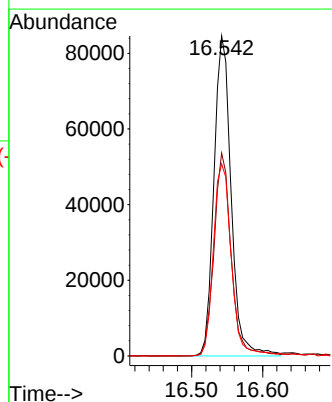
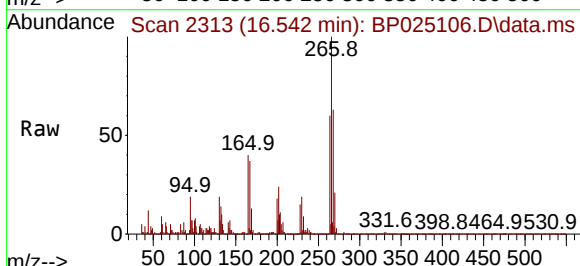
Tgt Ion:266 Resp: 141833

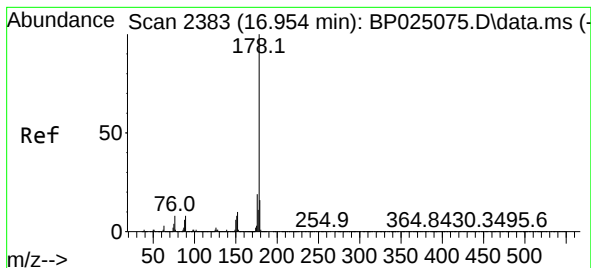
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 60.0 50.2 75.2





#71

Phenanthrene

Concen: 9.125 ng

RT: 16.942 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

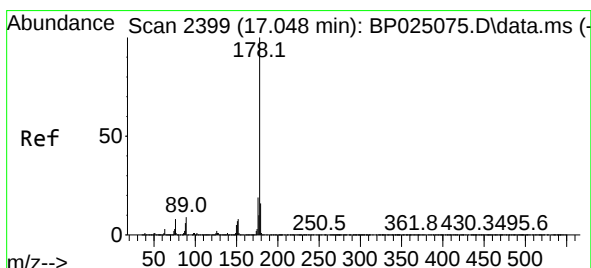
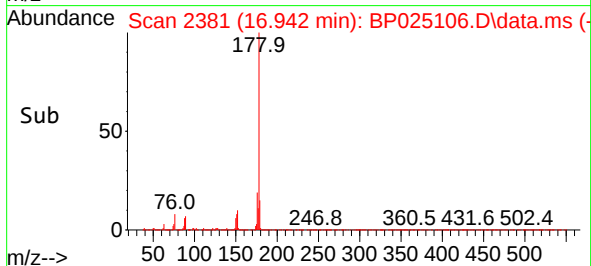
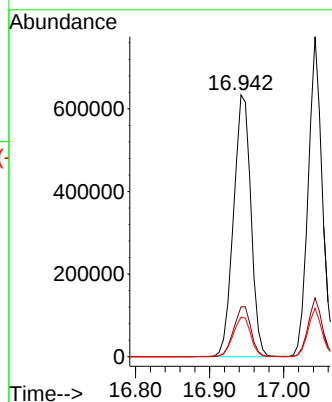
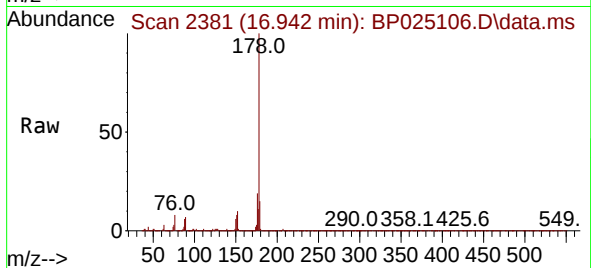
Tgt Ion:178 Resp: 1029648

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.1 12.6 19.0



#72

Anthracene

Concen: 9.405 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

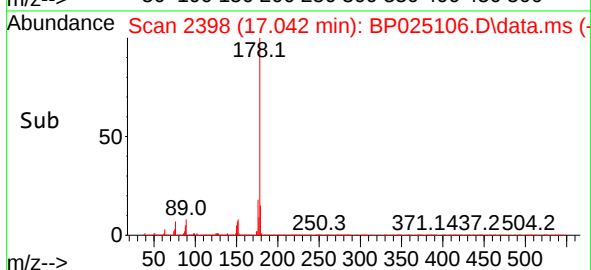
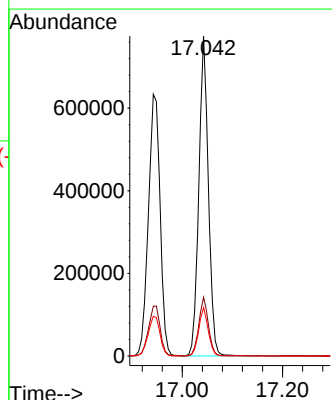
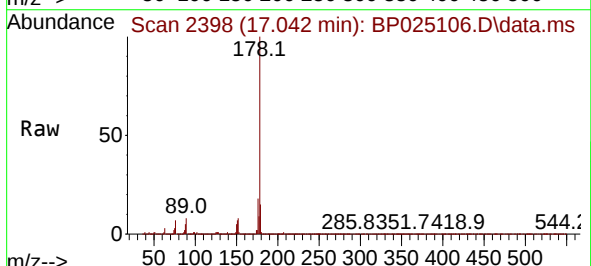
Tgt Ion:178 Resp: 1018107

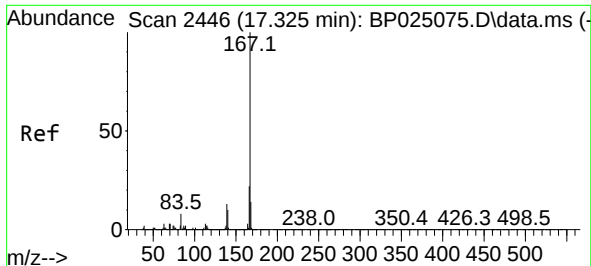
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

179 15.1 12.5 18.7

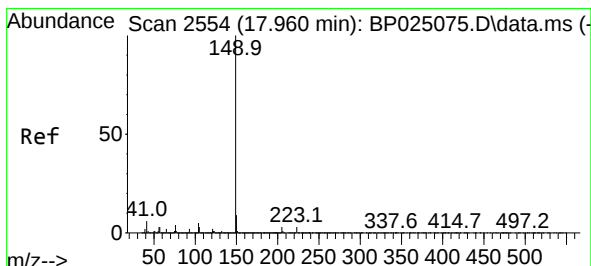
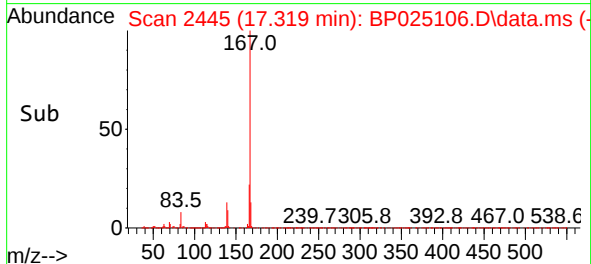
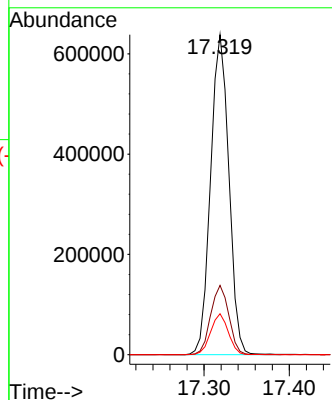
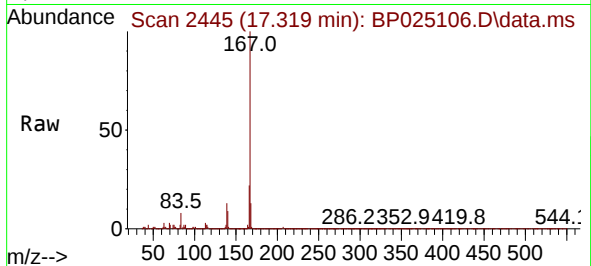




#73
Carbazole
Concen: 8.981 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

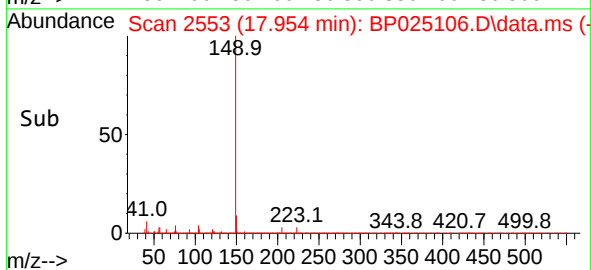
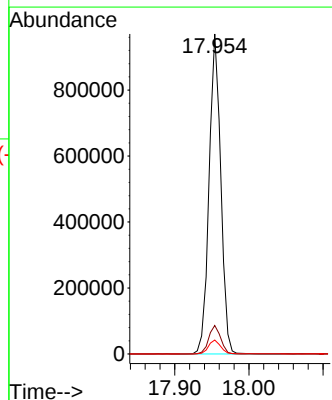
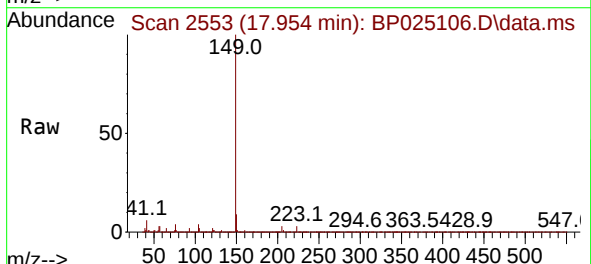
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

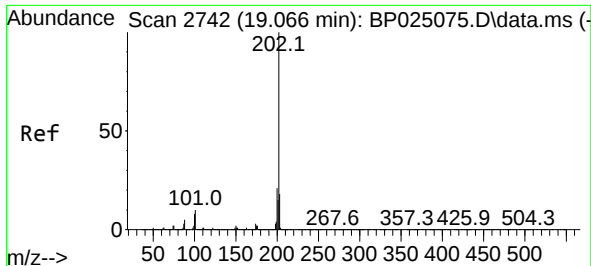
Tgt Ion:167 Resp: 950613
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 12.8 10.4 15.6



#74
Di-n-butylphthalate
Concen: 9.003 ng
RT: 17.954 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:149 Resp: 1061150
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.3 3.8 5.6

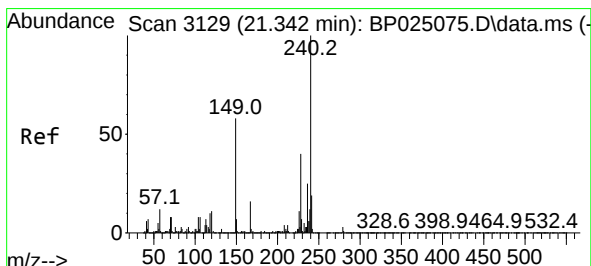
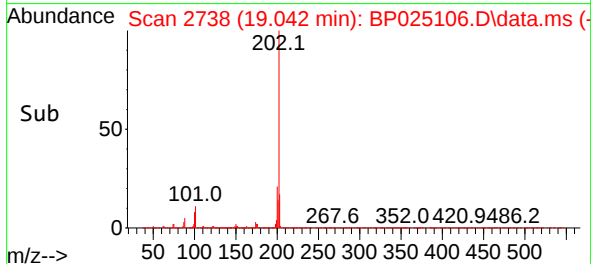
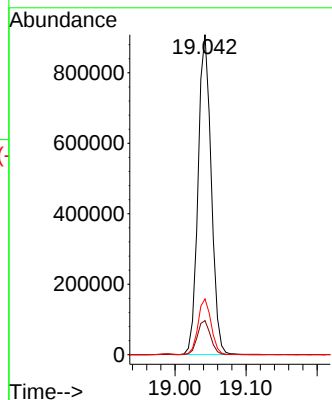
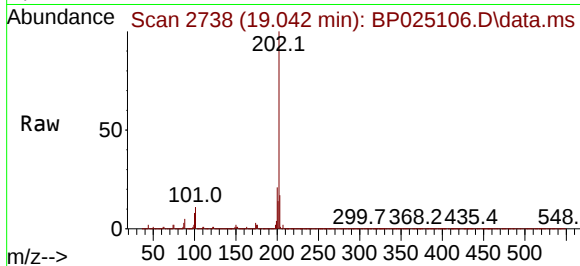




#75
Fluoranthene
Concen: 8.860 ng
RT: 19.042 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

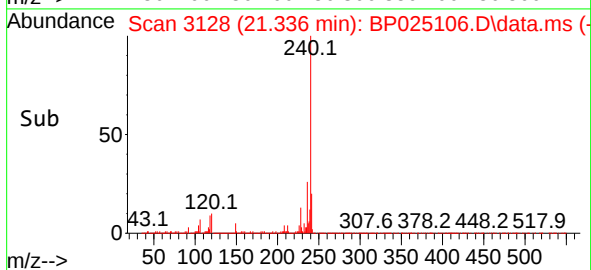
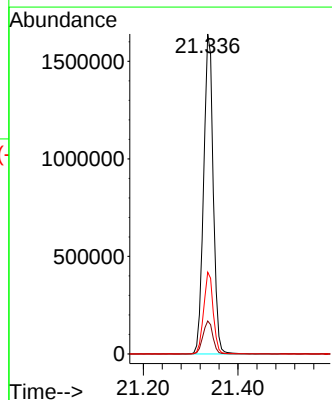
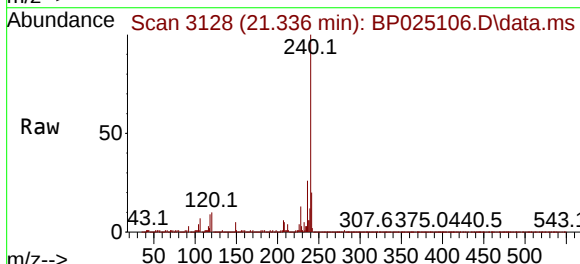
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

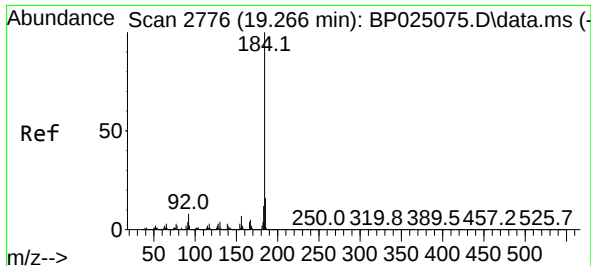
Tgt Ion:202 Resp: 1168689
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.4
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:240 Resp: 2292304
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.6 20.3 30.5

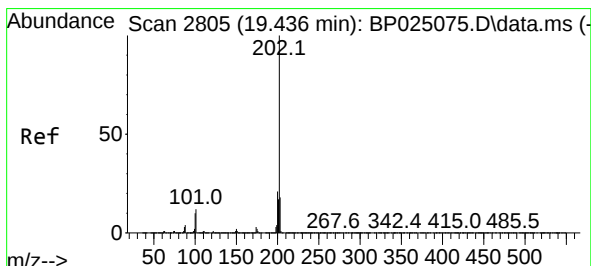
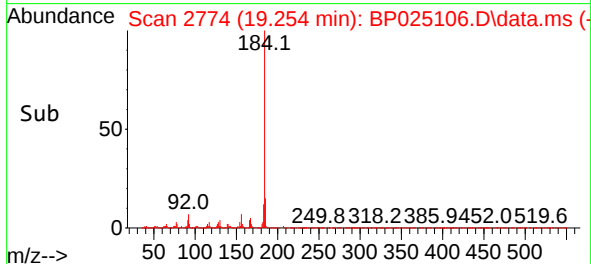
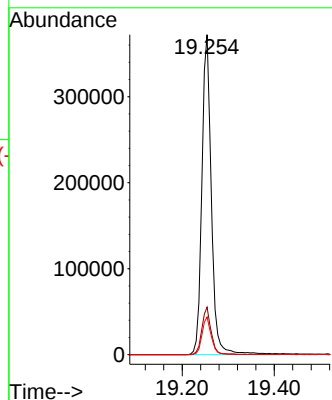
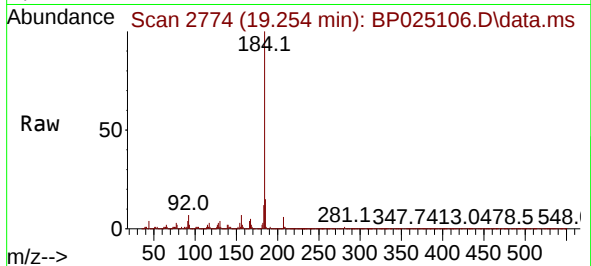




#77
Benzidine
Concen: 13.193 ng
RT: 19.254 min Scan# 2774
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

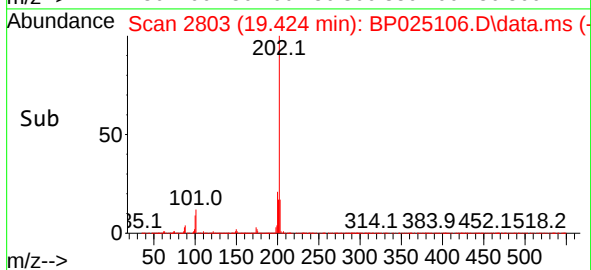
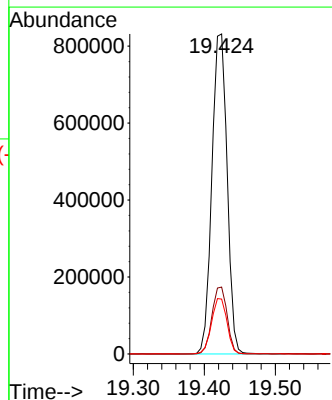
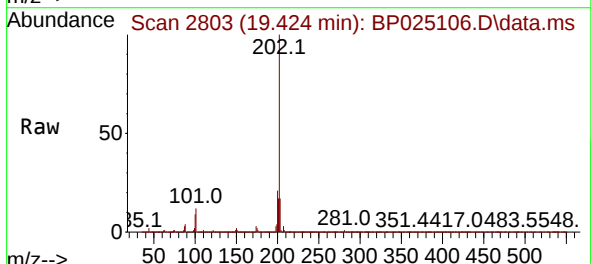
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

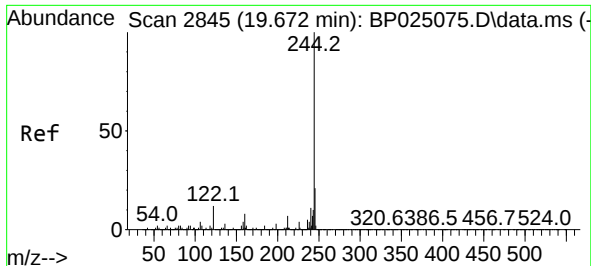
Tgt Ion:184 Resp: 534140
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.8 9.4 14.2



#78
Pyrene
Concen: 8.715 ng
RT: 19.424 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:202 Resp: 1237373
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.2 14.1 21.1

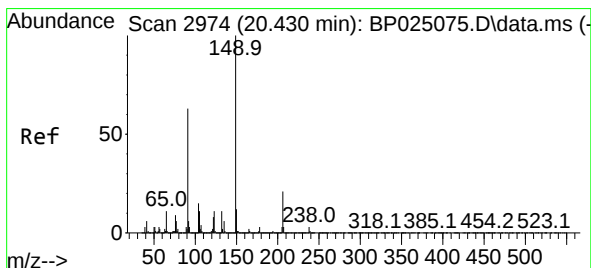
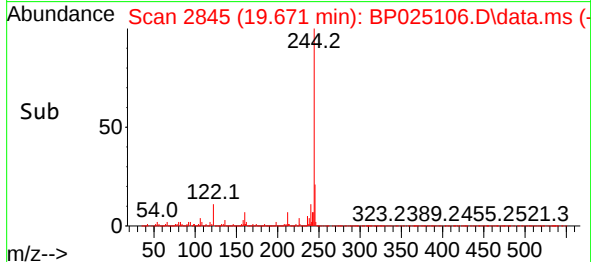
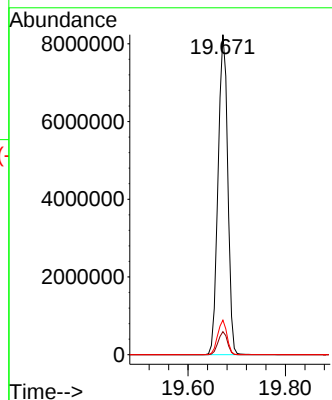
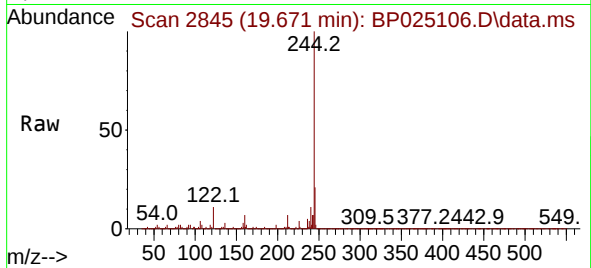




#79
 Terphenyl-d14
 Concen: 108.223 ng
 RT: 19.671 min Scan# 2845
 Delta R.T. -0.000 min
 Lab File: BP025106.D
 Acq: 11 Jul 2025 16:24

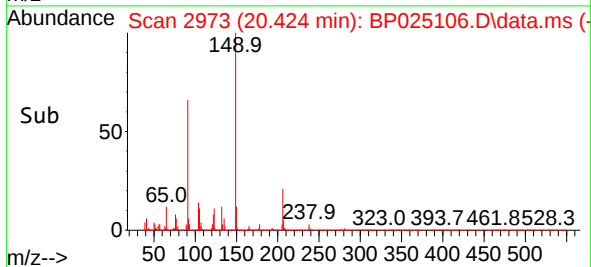
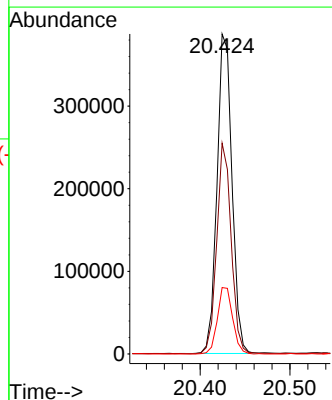
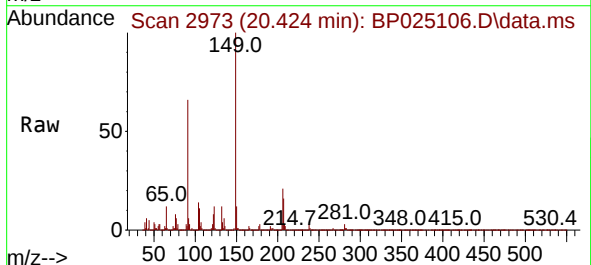
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

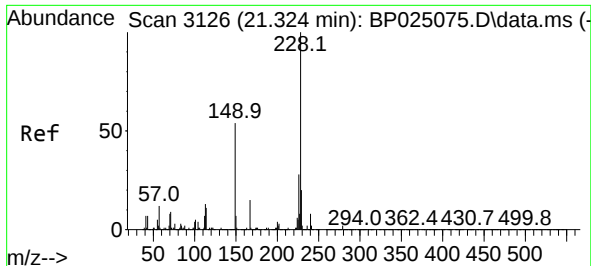
Tgt Ion:244 Resp:11287676
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.8 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 11.253 ng
 RT: 20.424 min Scan# 2973
 Delta R.T. -0.006 min
 Lab File: BP025106.D
 Acq: 11 Jul 2025 16:24

Tgt Ion:149 Resp: 448564
 Ion Ratio Lower Upper
 149 100
 91 65.9 50.6 76.0
 206 20.8 17.2 25.8

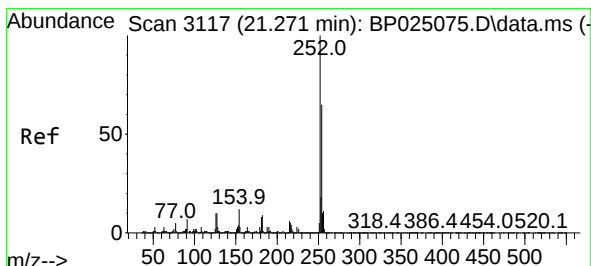
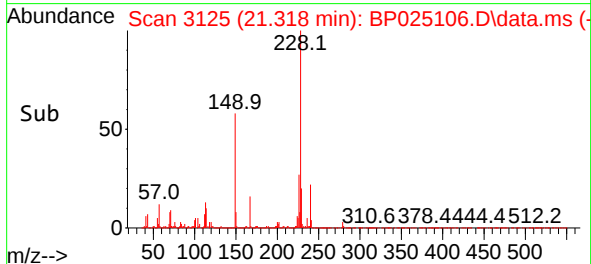
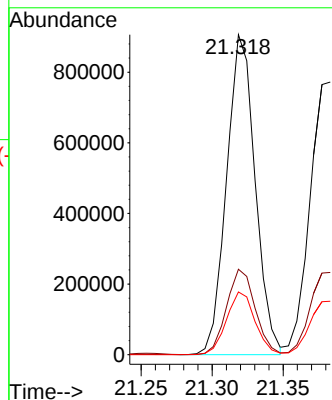
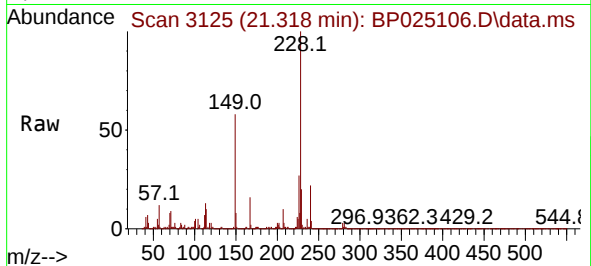




#81
Benzo(a)anthracene
Concen: 9.131 ng
RT: 21.318 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

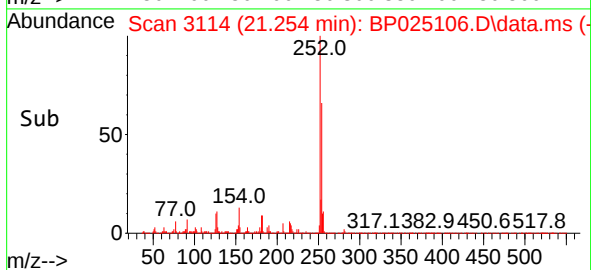
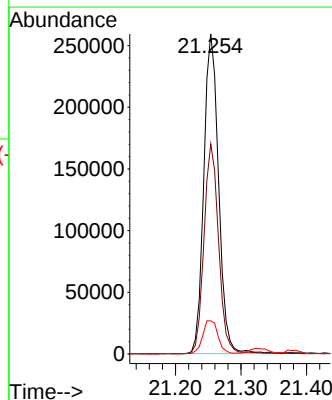
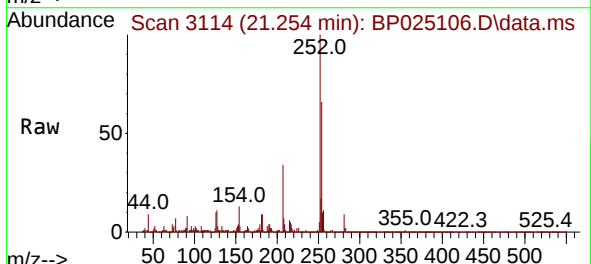
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

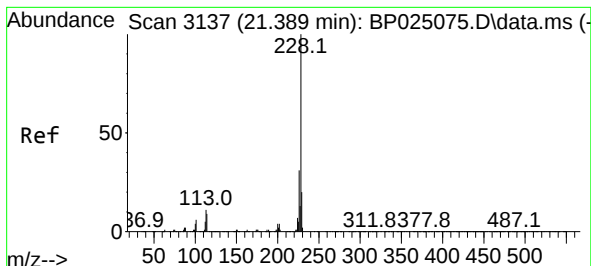
Tgt Ion:228 Resp: 1268521
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 9.770 ng
RT: 21.254 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:252 Resp: 408582
Ion Ratio Lower Upper
252 100
254 65.7 51.9 77.9
126 10.3 8.1 12.1





#83

Chrysene

Concen: 9.021 ng

RT: 21.383 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

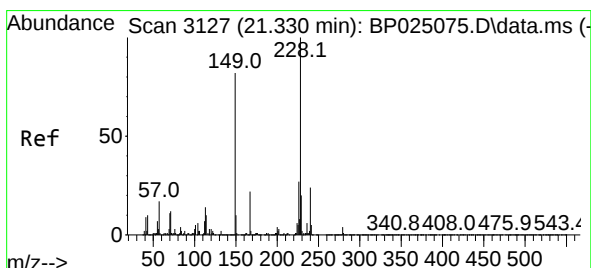
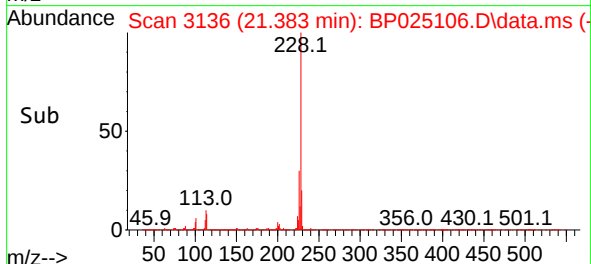
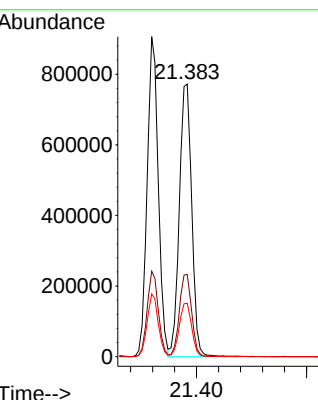
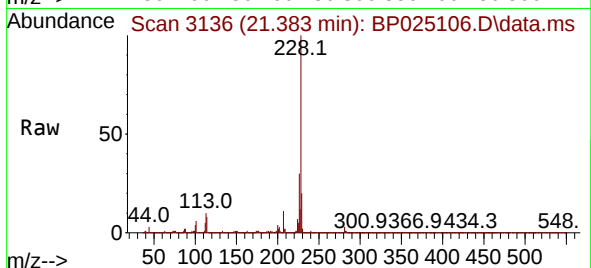
Tgt Ion:228 Resp: 1205926

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.291 ng

RT: 21.318 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

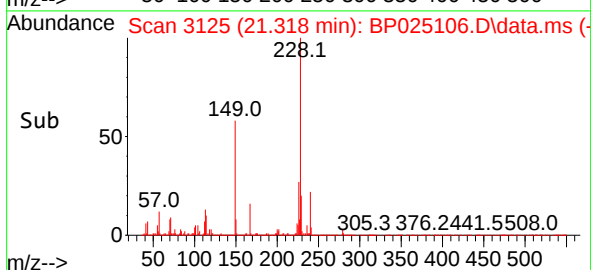
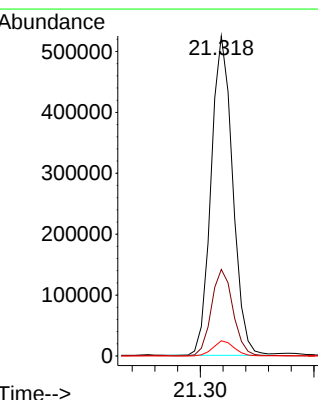
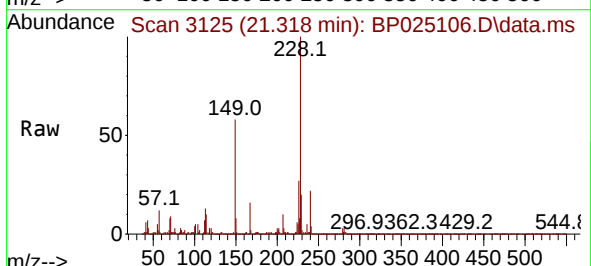
Tgt Ion:149 Resp: 692326

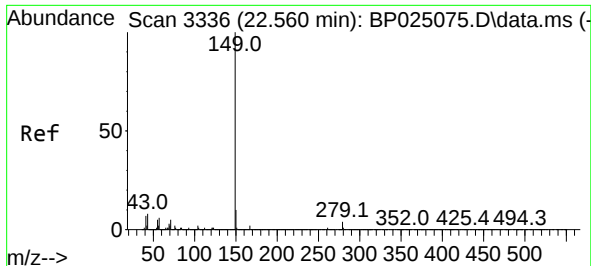
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 4.8 3.5 5.3

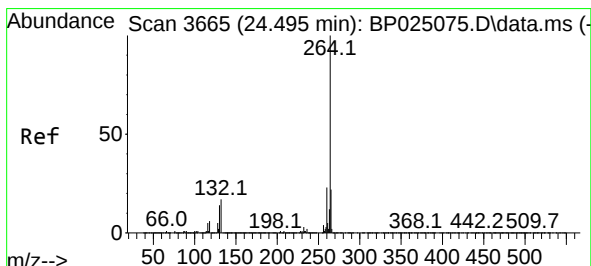
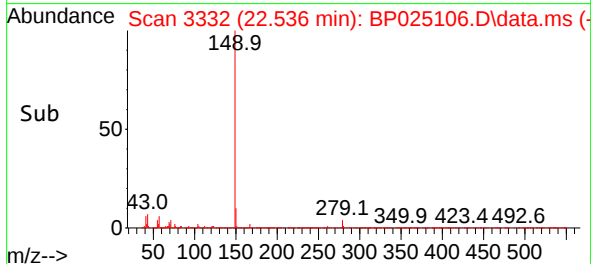
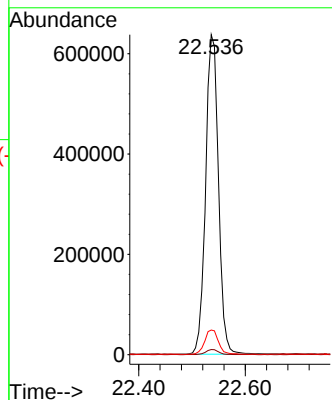
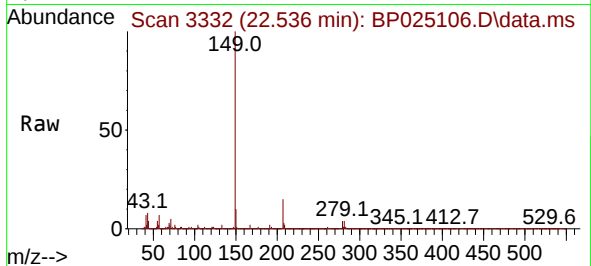




#85
Di-n-octyl phthalate
Concen: 12.888 ng
RT: 22.536 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

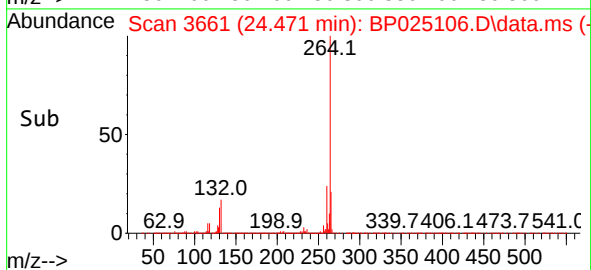
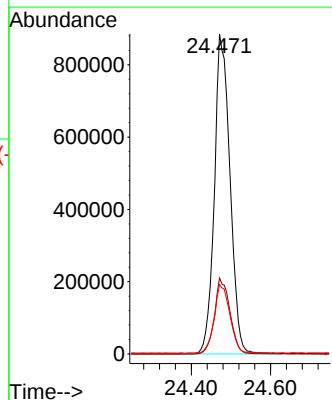
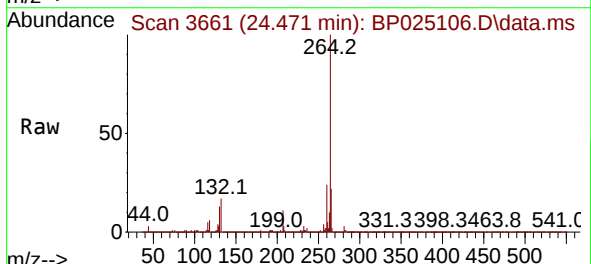
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

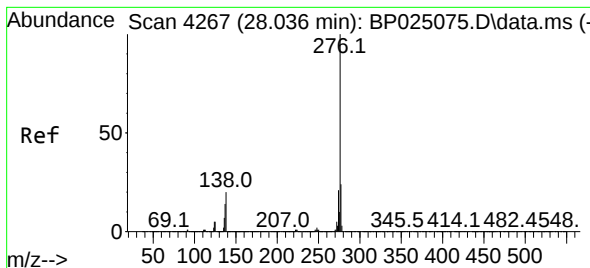
Tgt Ion:149 Resp: 1062604
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. -0.024 min
Lab File: BP025106.D
Acq: 11 Jul 2025 16:24

Tgt Ion:264 Resp: 2419377
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.513 ng

RT: 27.989 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP025106.D

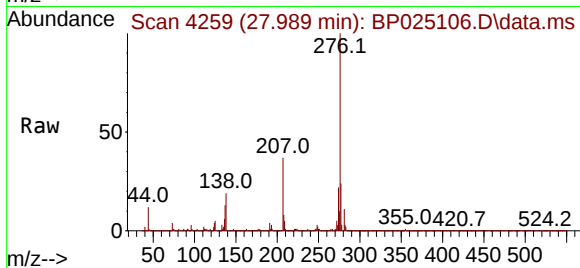
Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



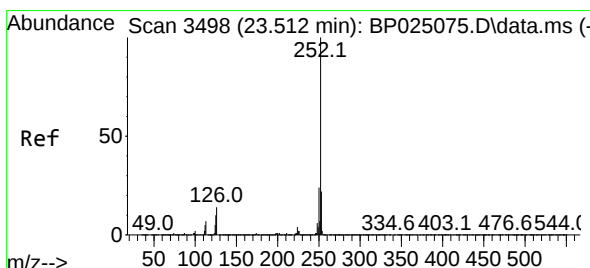
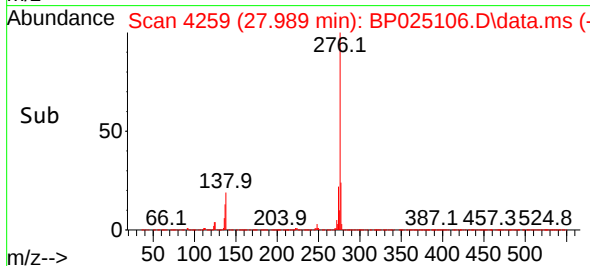
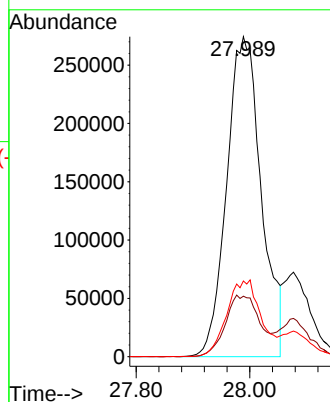
Tgt Ion:276 Resp: 1157904

Ion Ratio Lower Upper

276 100

138 18.9 13.0 19.6

277 0.0 15.9 23.9#



#88

Benzo(b)fluoranthene

Concen: 8.464 ng

RT: 23.471 min Scan# 3491

Delta R.T. -0.041 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

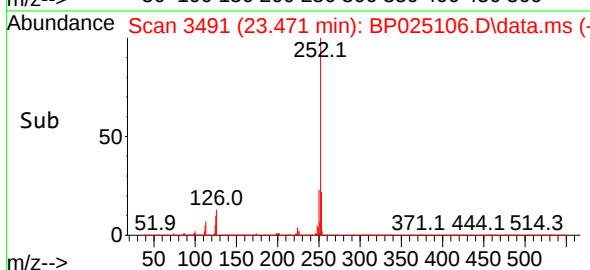
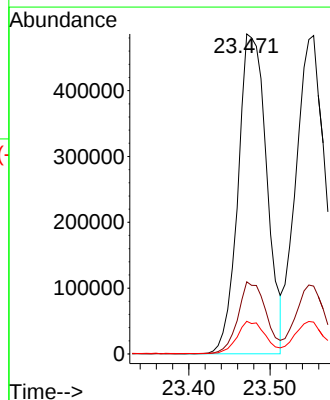
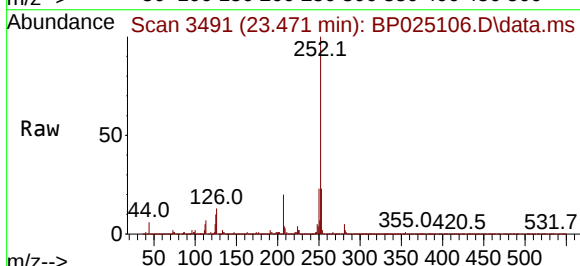
Tgt Ion:252 Resp: 1191967

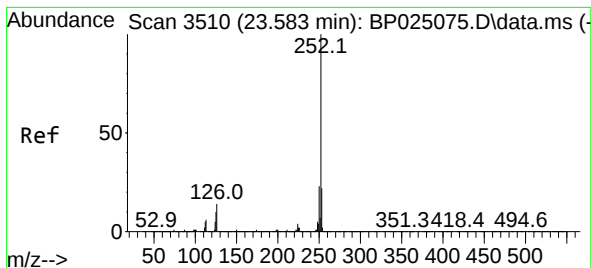
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 8.643 ng

RT: 23.554 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

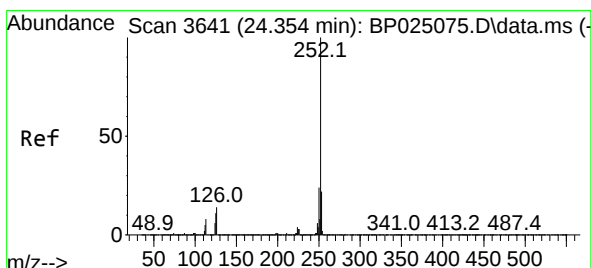
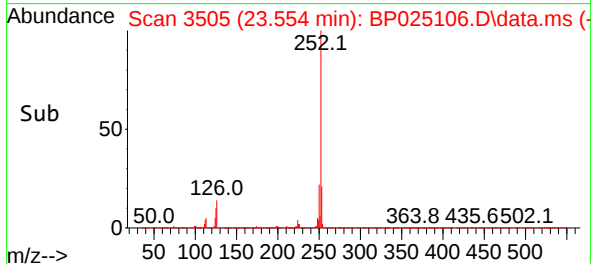
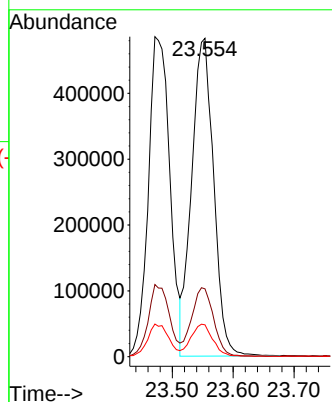
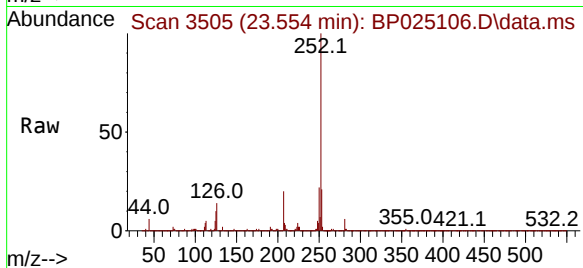
Tgt Ion:252 Resp: 1211039

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 10.0 8.2 12.2



#90

Benzo(a)pyrene

Concen: 9.338 ng

RT: 24.318 min Scan# 3635

Delta R.T. -0.035 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

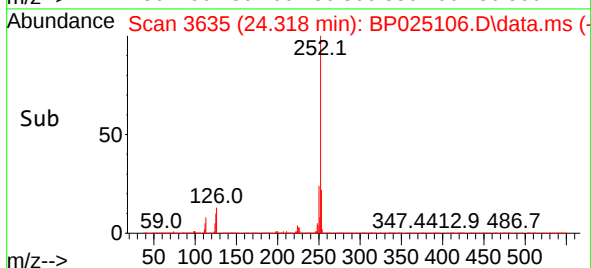
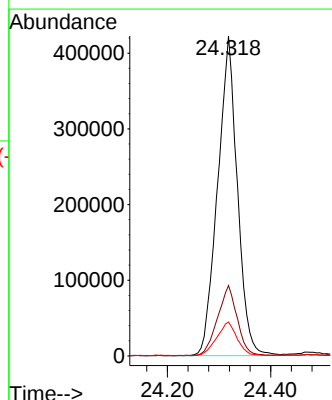
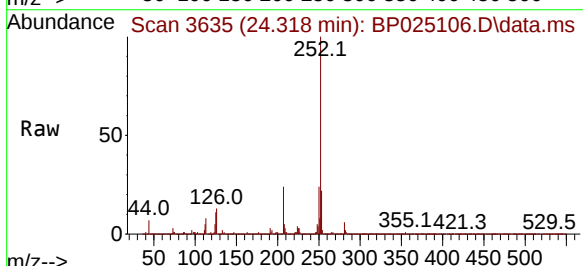
Tgt Ion:252 Resp: 1119226

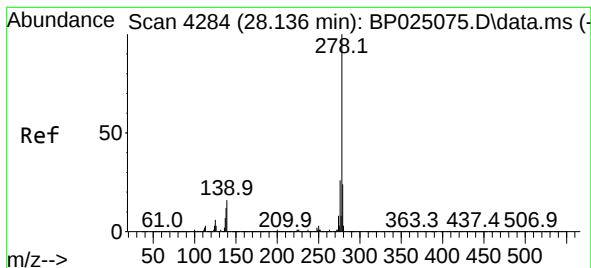
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 9.034 ng

RT: 28.077 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

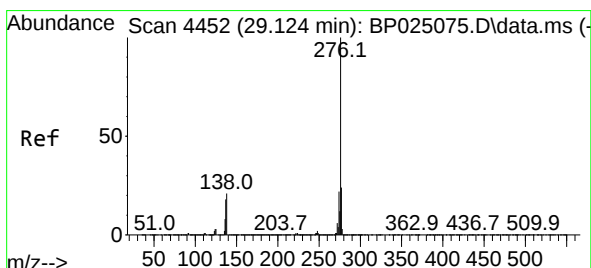
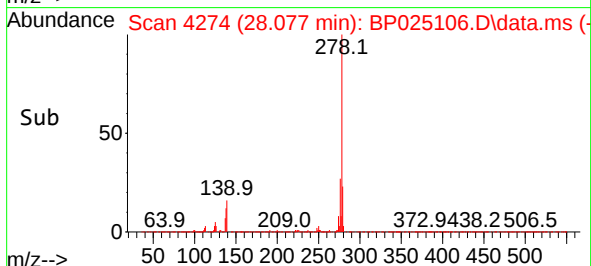
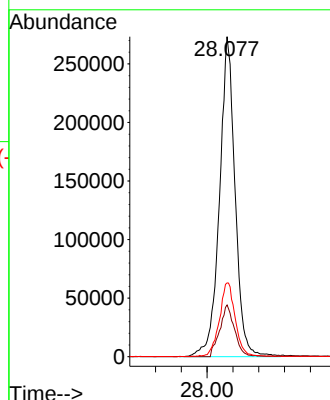
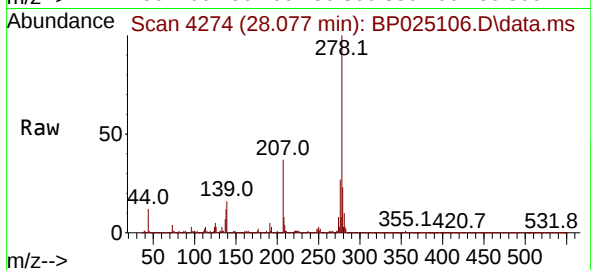
Tgt Ion:278 Resp: 1150979

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

279 23.0 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 8.634 ng

RT: 29.071 min Scan# 4443

Delta R.T. -0.053 min

Lab File: BP025106.D

Acq: 11 Jul 2025 16:24

Tgt Ion:276 Resp: 1136378

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 20.5 16.9 25.3

