

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025673.D
 Acq On : 05 Sep 2025 11:21
 Operator : CG/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 05 12:39:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	149264	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	618053	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	416859	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	844672	20.000	ng	0.00
76) Chrysene-d12	21.642	240	902070	20.000	ng	0.00
86) Perylene-d12	25.024	264	992930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1034593	115.108	ng	-0.02
7) Phenol-d6	6.955	99	1360453	118.060	ng	-0.01
23) Nitrobenzene-d5	8.913	82	950504	77.795	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	702145	125.138	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2245131	73.607	ng	-0.02
79) Terphenyl-d14	19.913	244	3723817	75.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.320	88	27121	7.704	ng	97
3) Pyridine	3.725	79	68301	7.088	ng	91
4) n-Nitrosodimethylamine	3.625	42	33472	8.426	ng	# 84
6) Aniline	7.102	93	111560	7.185	ng	96
8) 2-Chlorophenol	7.343	128	74634	7.358	ng	94
9) Benzaldehyde	6.925	77	64609	8.003	ng	92
10) Phenol	6.978	94	88138	7.289	ng	80
11) bis(2-Chloroethyl)ether	7.196	93	68432	7.261	ng	95
12) 1,3-Dichlorobenzene	7.661	146	83754	7.489	ng	94
13) 1,4-Dichlorobenzene	7.802	146	82853	7.248	ng	100
14) 1,2-Dichlorobenzene	8.113	146	79963	7.226	ng	99
15) Benzyl Alcohol	8.013	79	65780	7.184	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	99005	7.842	ng	99
17) 2-Methylphenol	8.213	107	58600	6.978	ng	97
18) Hexachloroethane	8.837	117	31545	7.505	ng	94
19) n-Nitroso-di-n-propyla...	8.566	70	57215	7.496	ng	92
20) 3+4-Methylphenols	8.543	107	76872	6.604	ng	97
22) Acetophenone	8.584	105	118818	7.666	ng	# 96
24) Nitrobenzene	8.960	77	87520	8.015	ng	95
25) Isophorone	9.478	82	159562	7.379	ng	96
26) 2-Nitrophenol	9.666	139	37884	6.760	ng	98
27) 2,4-Dimethylphenol	9.731	122	64109	6.652	ng	97
28) bis(2-Chloroethoxy)met...	9.955	93	94431	7.225	ng	98
29) 2,4-Dichlorophenol	10.219	162	60734	6.344	ng	93
30) 1,2,4-Trichlorobenzene	10.407	180	74508	7.100	ng	98
31) Naphthalene	10.596	128	236558	7.364	ng	99
32) Benzoic acid	9.849	122	28950	4.069	ng	94
33) 4-Chloroaniline	10.707	127	90219	6.358	ng	95
34) Hexachlorobutadiene	10.878	225	48182	7.372	ng	97
35) Caprolactam	11.490	113	21655	6.169	ng	96
36) 4-Chloro-3-methylphenol	11.837	107	77661	7.070	ng	96
37) 2-Methylnaphthalene	12.196	142	149794	7.165	ng	96
38) 1-Methylnaphthalene	12.425	142	161350	7.258	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	89744	7.454	ng	100
41) Hexachlorocyclopentadiene	12.549	237	29367	4.038	ng	93
43) 2,4,6-Trichlorophenol	12.825	196	53746	6.613	ng	96

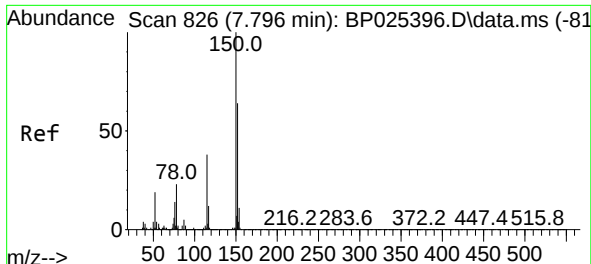
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	60368	6.777	ng	98
46) 1,1'-Biphenyl	13.213	154	223641	7.387	ng	98
47) 2-Chloronaphthalene	13.260	162	171301	7.268	ng	99
48) 2-Nitroaniline	13.472	65	49384	7.191	ng	94
49) Acenaphthylene	14.113	152	283398	7.267	ng	99
50) Dimethylphthalate	13.843	163	226604	7.423	ng	99
51) 2,6-Dinitrotoluene	13.954	165	45440	7.062	ng	89
52) Acenaphthene	14.460	154	165557	7.232	ng	99
53) 3-Nitroaniline	14.307	138	46728	6.455	ng	94
54) 2,4-Dinitrophenol	14.531	184	17210	5.009	ng	92
55) Dibenzofuran	14.807	168	269353	7.442	ng	97
56) 4-Nitrophenol	14.678	139	20697	3.479	ng	87
57) 2,4-Dinitrotoluene	14.766	165	63211	6.886	ng	# 89
58) Fluorene	15.460	166	219413	7.683	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.037	232	55757	7.089	ng	98
60) Diethylphthalate	15.231	149	231339	7.458	ng	98
61) 4-Chlorophenyl-phenyle...	15.448	204	107488	7.568	ng	94
62) 4-Nitroaniline	15.495	138	45791	6.170	ng	93
63) Azobenzene	15.748	77	202509	7.625	ng	98
65) 4,6-Dinitro-2-methylph...	15.554	198	31098	5.906	ng	95
66) n-Nitrosodiphenylamine	15.672	169	184777	7.174	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	68853	7.412	ng	97
68) Hexachlorobenzene	16.484	284	79793	7.410	ng	100
69) Atrazine	16.654	200	68792	7.132	ng	94
70) Pentachlorophenol	16.848	266	41233	6.066	ng	89
71) Phenanthrene	17.237	178	345629	7.449	ng	99
72) Anthracene	17.337	178	339056	7.155	ng	99
73) Carbazole	17.619	167	313428	7.022	ng	98
74) Di-n-butylphthalate	18.207	149	386062	7.031	ng	100
75) Fluoranthene	19.331	202	391411	7.072	ng	99
77) Benzidine	19.525	184	191051	6.206	ng	100
78) Pyrene	19.707	202	422486	7.206	ng	98
80) Butylbenzylphthalate	20.648	149	177322	6.673	ng	99
81) Benzo(a)anthracene	21.630	228	420903	7.075	ng	98
82) 3,3'-Dichlorobenzidine	21.548	252	145850	6.504	ng	98
83) Chrysene	21.695	228	404772	7.265	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	259278	6.628	ng	100
85) Di-n-octyl phthalate	22.836	149	427252	6.350	ng	97
87) Indeno(1,2,3-cd)pyrene	28.842	276	492541	6.764	ng	99
88) Benzo(b)fluoranthene	23.942	252	407150	6.954	ng	99
89) Benzo(k)fluoranthene	24.001	252	418467	7.142	ng	99
90) Benzo(a)pyrene	24.854	252	396824	6.963	ng	98
91) Dibenzo(a,h)anthracene	28.936	278	401006	6.739	ng	98
92) Benzo(g,h,i)perylene	30.030	276	399214	6.825	ng	97

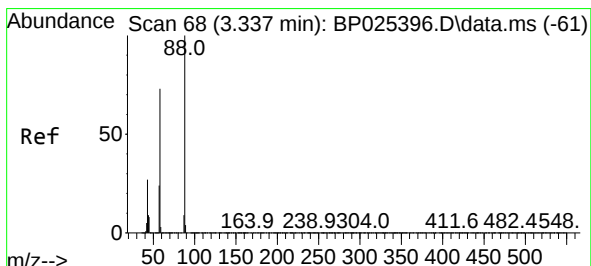
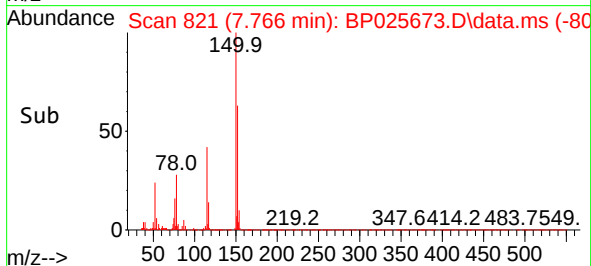
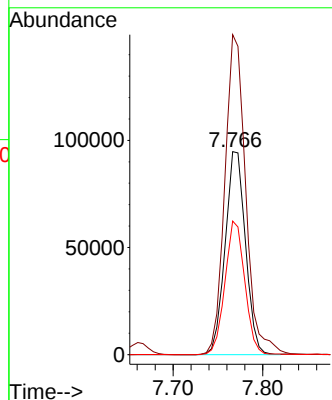
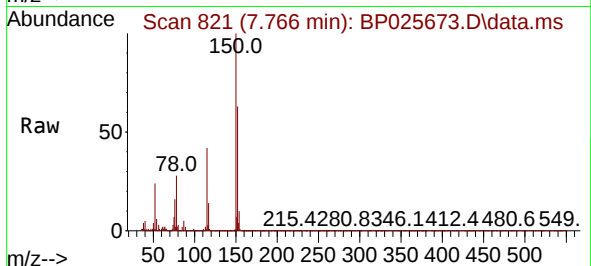
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.766 min Scan# 81
 Delta R.T. -0.030 min
 Lab File: BP025673.D
 Acq: 05 Sep 2025 11:21

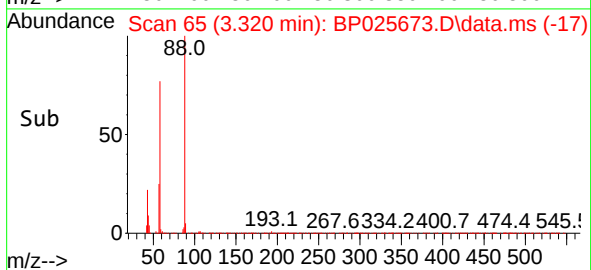
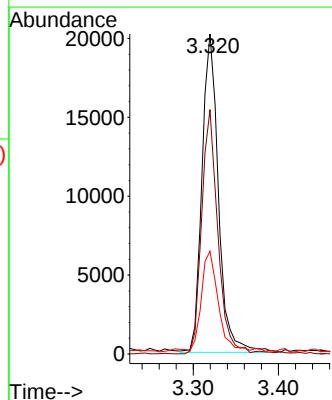
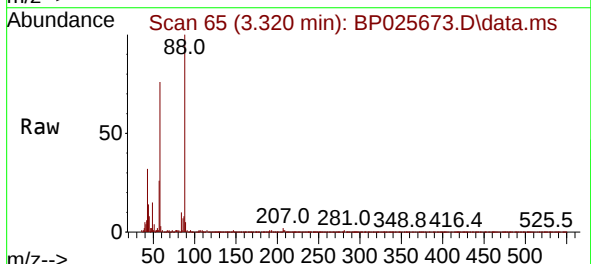
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Tgt Ion:152 Resp: 149264
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 65.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 7.704 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.017 min
 Lab File: BP025673.D
 Acq: 05 Sep 2025 11:21

Tgt Ion: 88 Resp: 27121
 Ion Ratio Lower Upper
 88 100
 58 74.8 59.2 88.8
 43 30.8 21.7 32.5

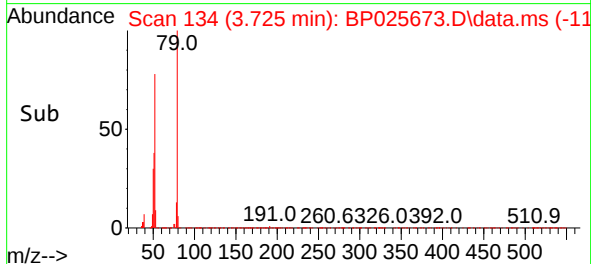
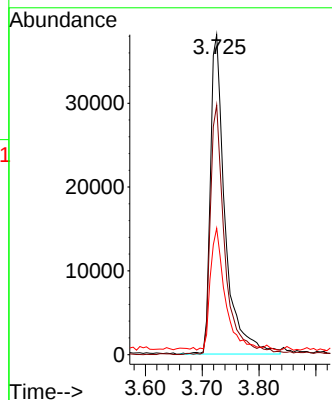
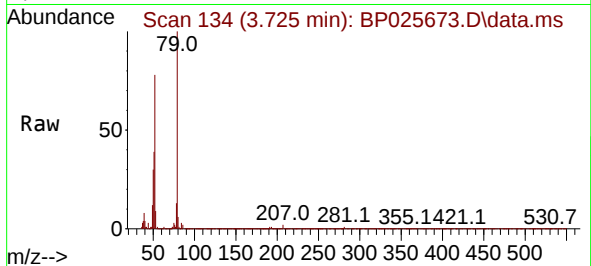




#3
Pyridine
Concen: 7.088 ng
RT: 3.725 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

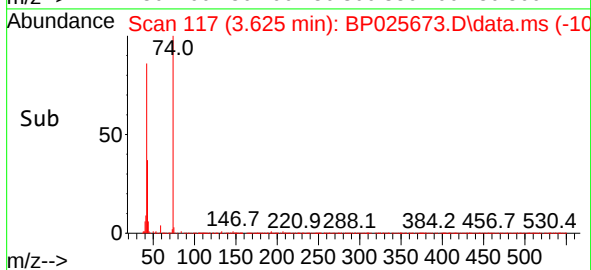
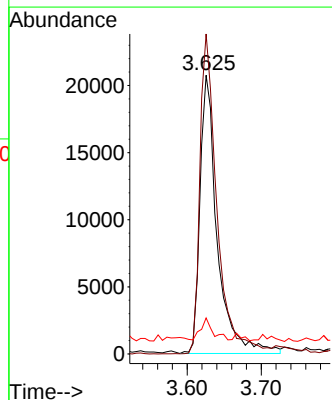
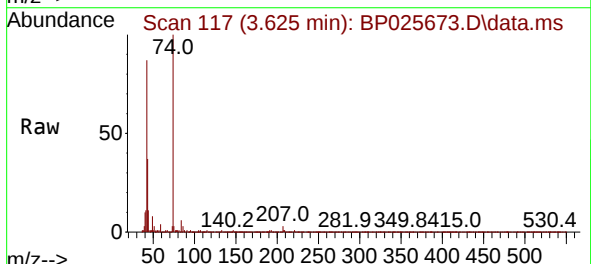
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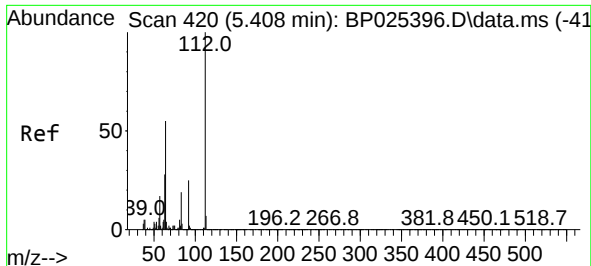
Tgt Ion: 79 Resp: 68301
Ion Ratio Lower Upper
79 100
52 78.0 55.5 83.3
51 39.5 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 8.426 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 42 Resp: 33472
Ion Ratio Lower Upper
42 100
74 114.8 107.0 160.4
44 12.9 6.2 9.4

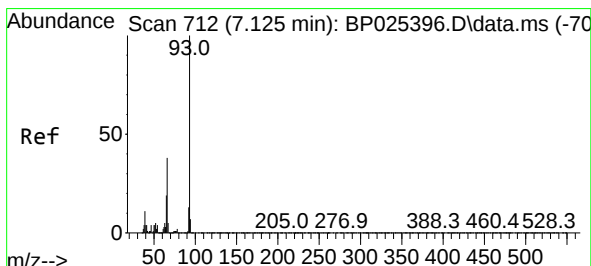
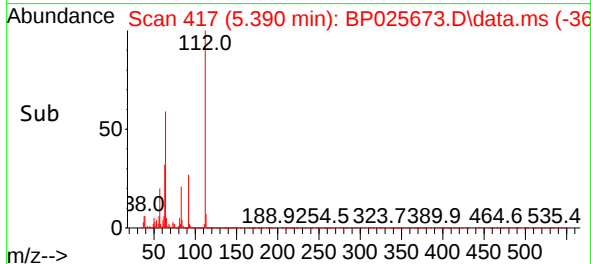
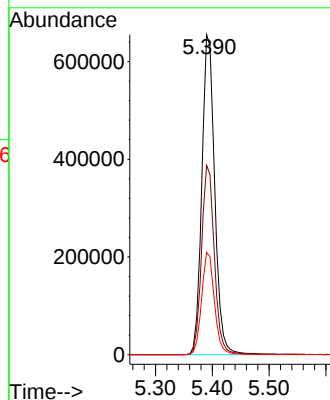
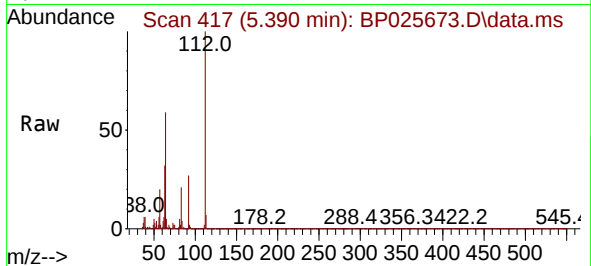




#5
2-Fluorophenol
Concen: 115.108 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

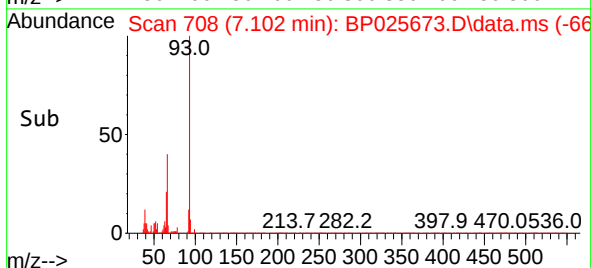
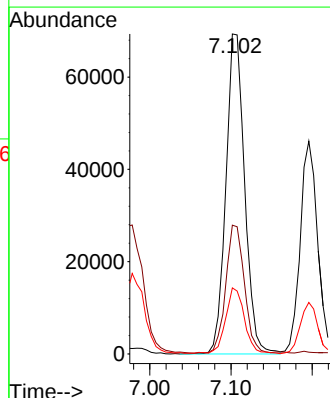
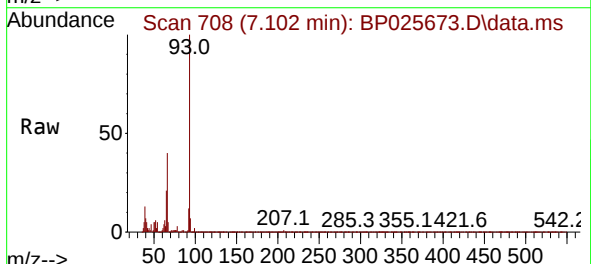
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ClientSampleId :
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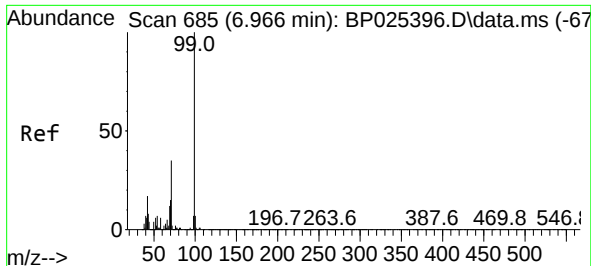
Tgt Ion:112 Resp: 1034593
Ion Ratio Lower Upper
112 100
64 59.2 43.8 65.8
63 32.0 22.7 34.1



#6
Aniline
Concen: 7.185 ng
RT: 7.102 min Scan# 708
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 93 Resp: 111560
Ion Ratio Lower Upper
93 100
66 40.3 30.4 45.6
65 20.7 15.3 22.9

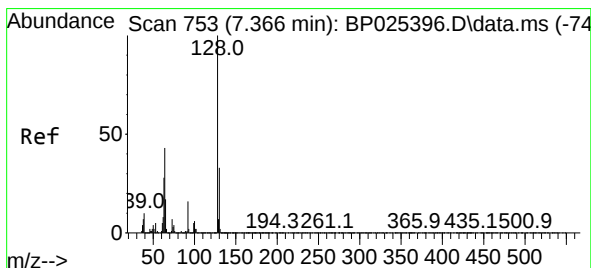
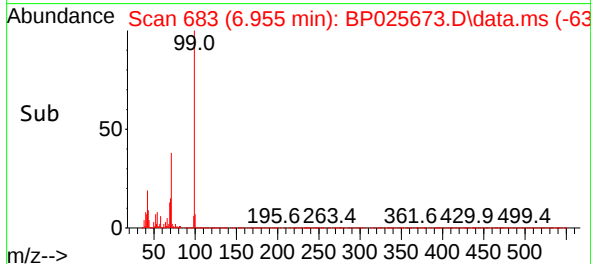
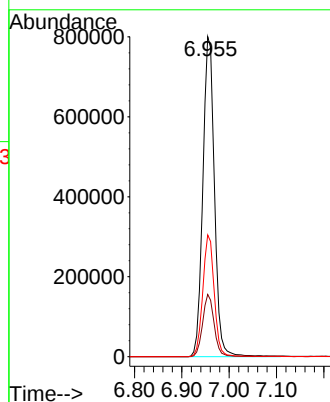
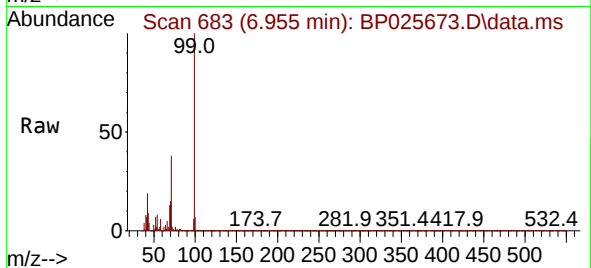




#7
Phenol-d6
Concen: 118.060 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

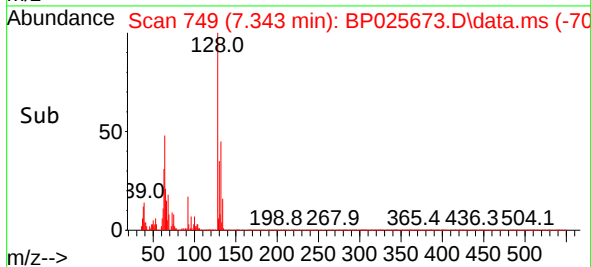
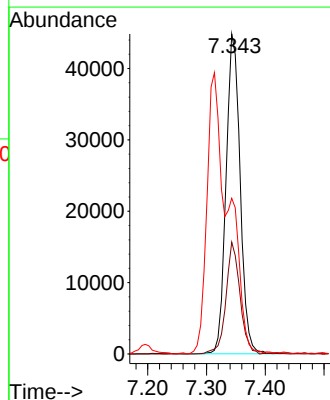
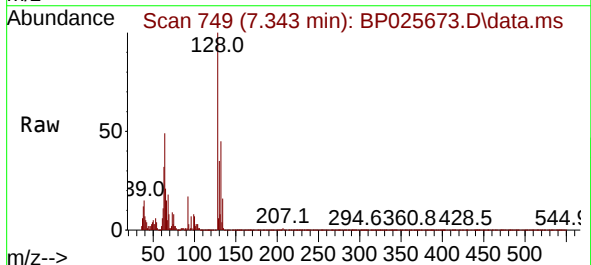
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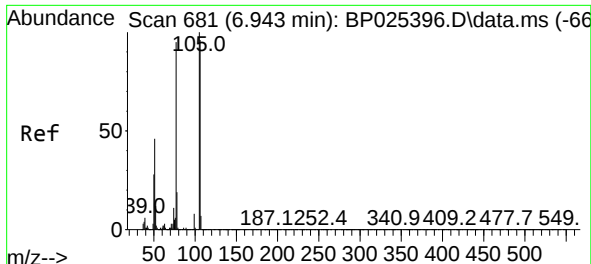
Tgt Ion: 99 Resp: 1360453
Ion Ratio Lower Upper
99 100
42 19.5 13.7 20.5
71 38.1 28.2 42.4



#8
2-Chlorophenol
Concen: 7.358 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:128 Resp: 74634
Ion Ratio Lower Upper
128 100
130 34.9 12.6 52.6
64 48.7 23.4 63.4

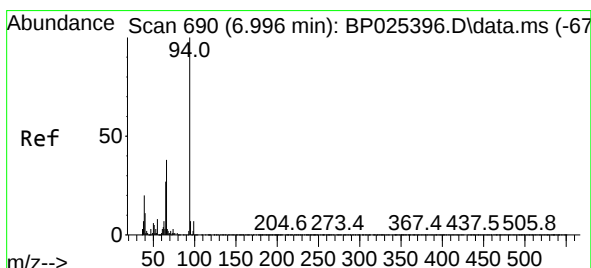
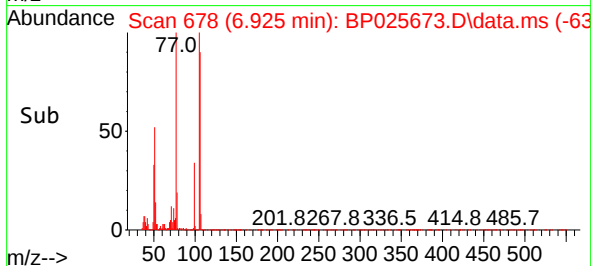
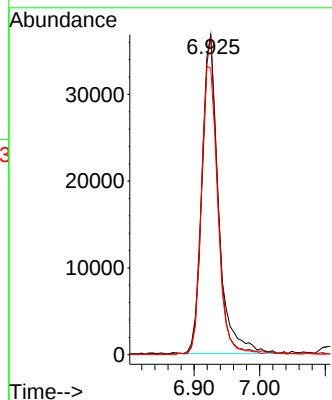
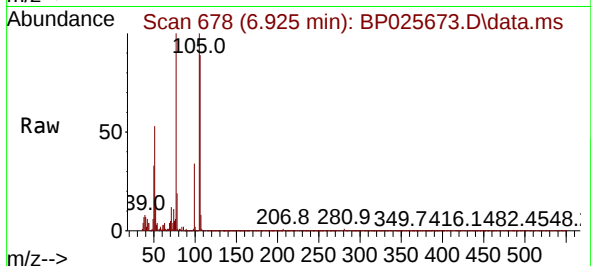




#9
Benzaldehyde
Concen: 8.003 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

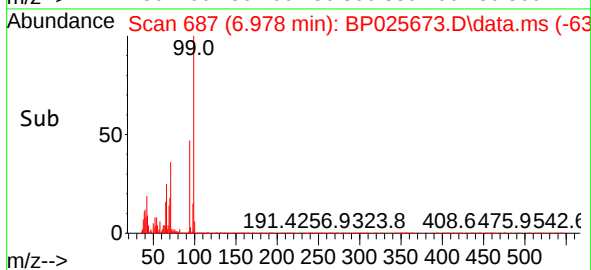
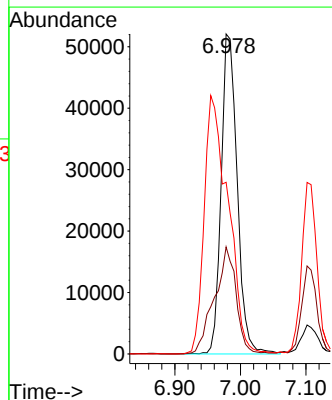
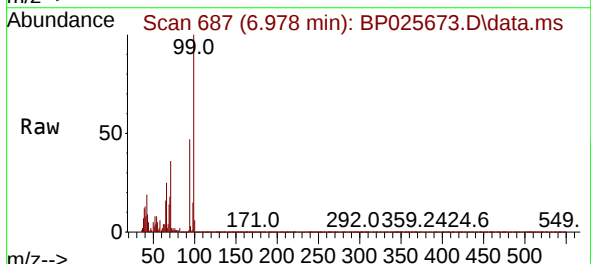
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

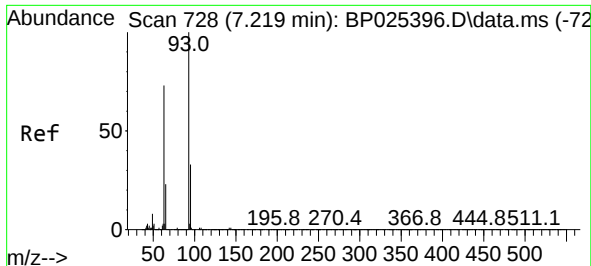
Tgt Ion: 77 Resp: 64609
Ion Ratio Lower Upper
77 100
105 99.7 84.8 124.8
106 89.4 80.5 120.5



#10
Phenol
Concen: 7.289 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 94 Resp: 88138
Ion Ratio Lower Upper
94 100
65 33.5 6.8 46.8
66 53.6 18.2 58.2

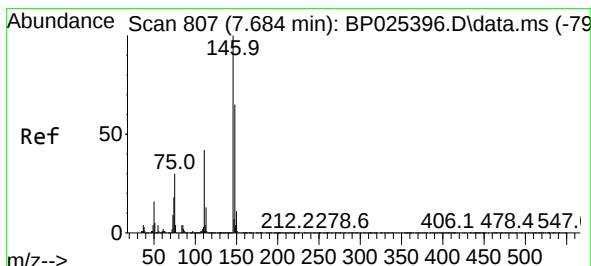
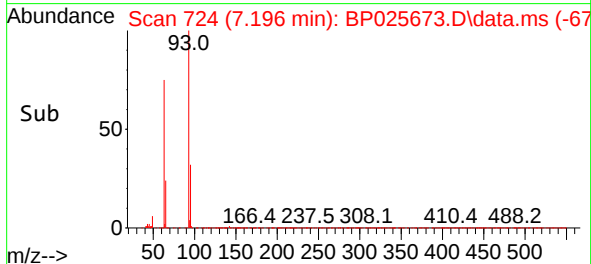
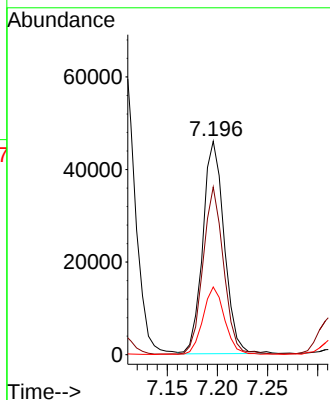
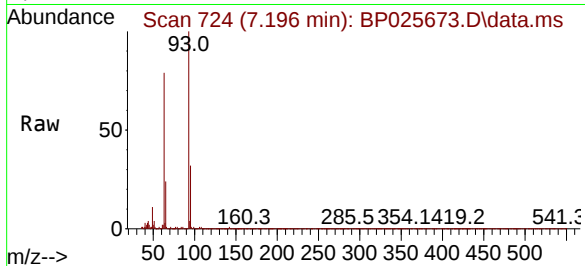




#11
bis(2-Chloroethyl)ether
Concen: 7.261 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

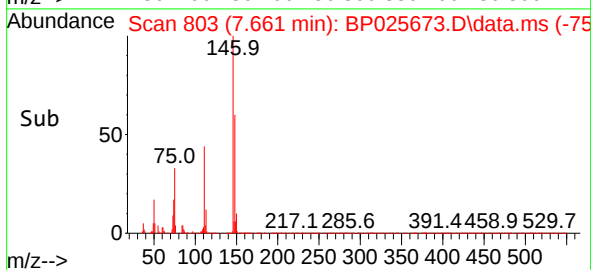
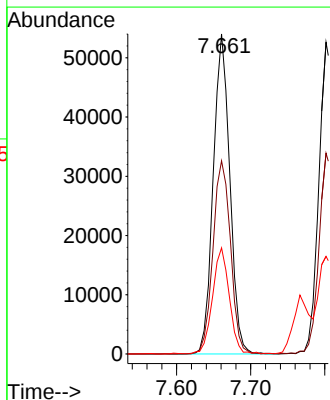
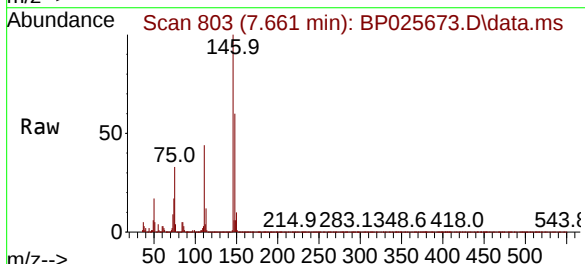
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

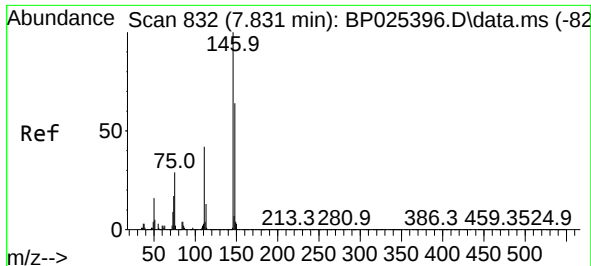
Tgt Ion: 93 Resp: 68432
Ion Ratio Lower Upper
93 100
63 78.5 52.6 92.6
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.489 ng
RT: 7.661 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 146 Resp: 83754
Ion Ratio Lower Upper
146 100
148 60.3 51.9 77.9
75 33.2 23.7 35.5

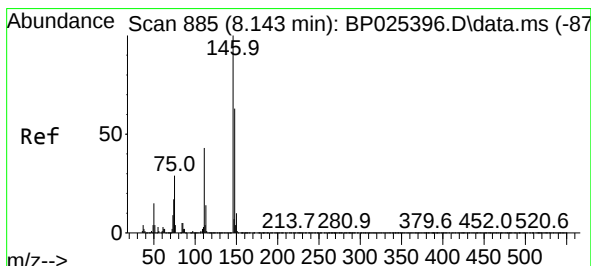
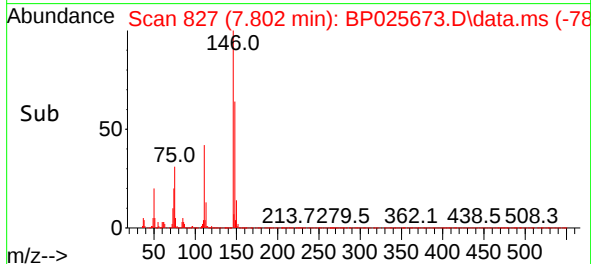
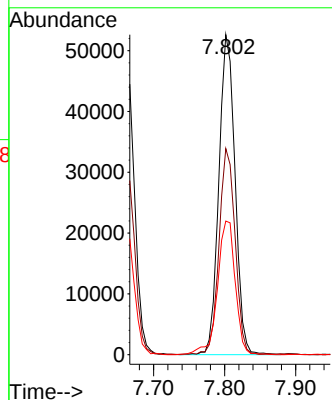
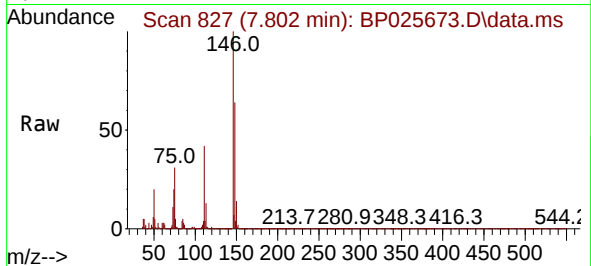




#13
1,4-Dichlorobenzene
Concen: 7.248 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

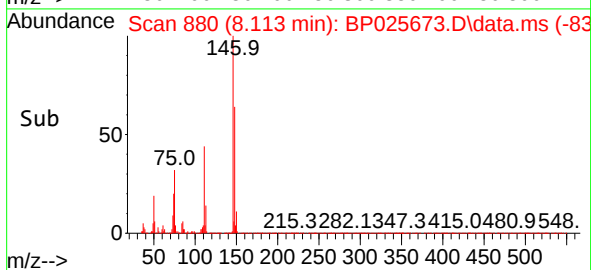
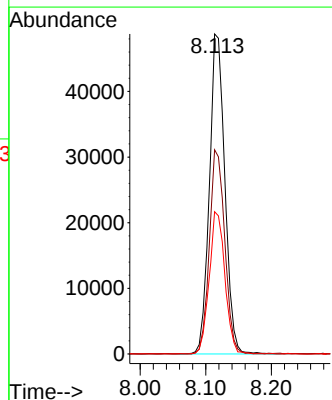
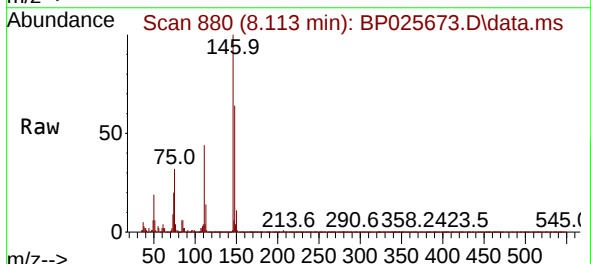
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

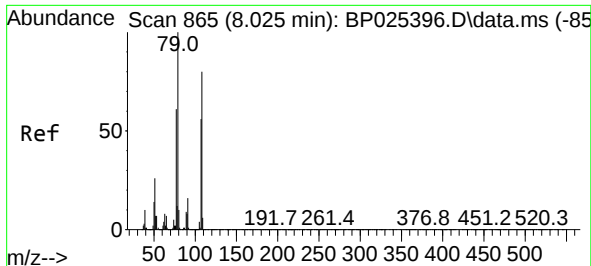
Tgt Ion:146 Resp: 82853
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 41.7 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 7.226 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:146 Resp: 79963
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
111 44.4 34.5 51.7

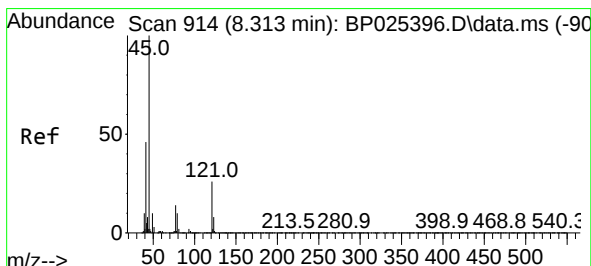
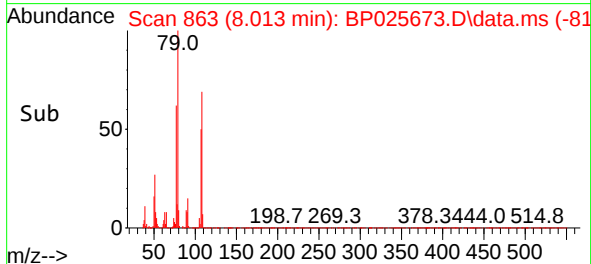
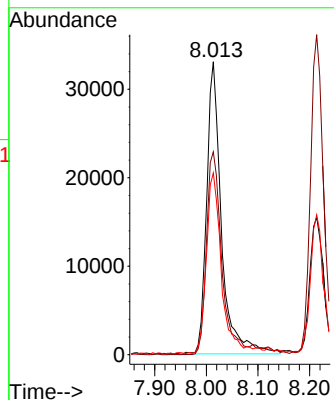
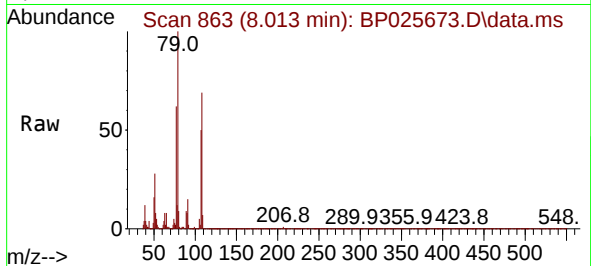




#15
Benzyl Alcohol
Concen: 7.184 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

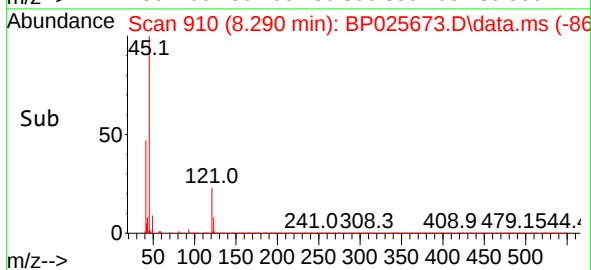
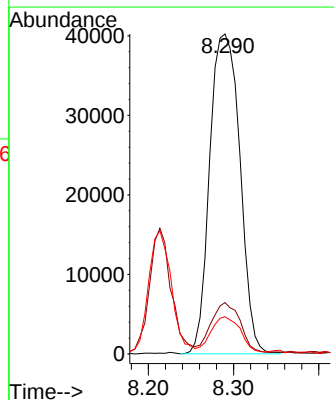
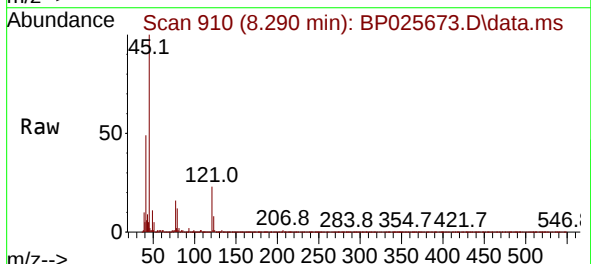
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

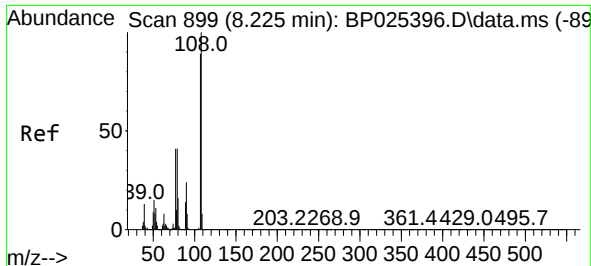
Tgt Ion: 79 Resp: 65780
Ion Ratio Lower Upper
79 100
108 69.3 63.8 95.6
77 62.0 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.842 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 45 Resp: 99005
Ion Ratio Lower Upper
45 100
77 16.1 0.0 35.3
79 11.7 0.0 31.8

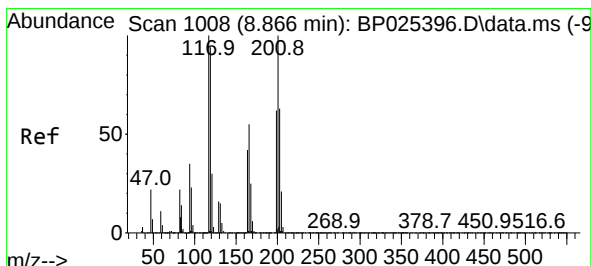
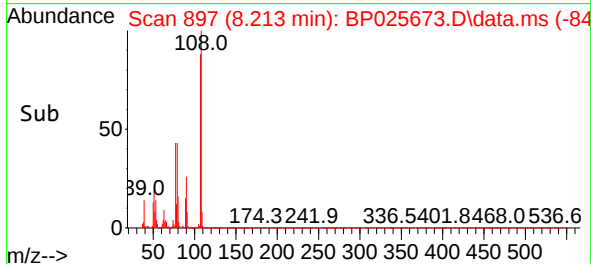
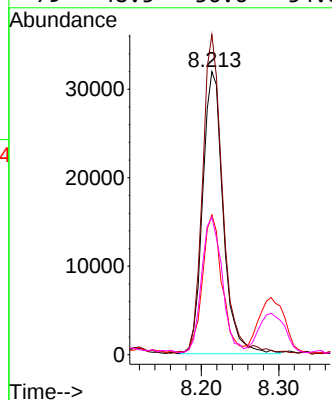
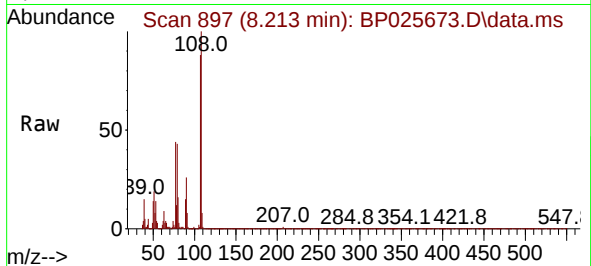




#17
2-Methylphenol
Concen: 6.978 ng
RT: 8.213 min Scan# 897
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

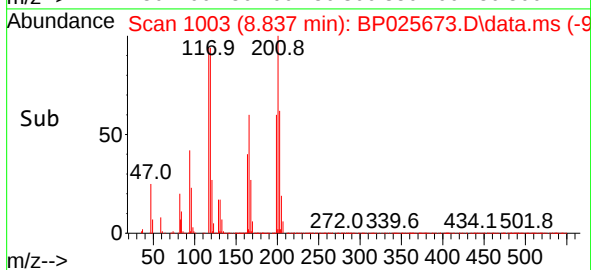
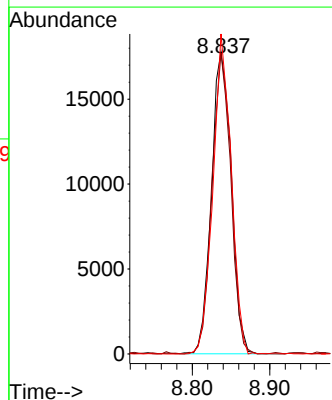
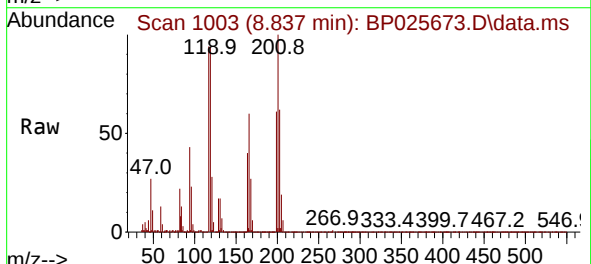
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:	107	Resp:	58600
Ion	Ratio	Lower	Upper
107	100		
108	113.1	89.4	134.0
77	49.4	36.3	54.5
79	48.5	36.6	54.8



#18
Hexachloroethane
Concen: 7.505 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:	117	Resp:	31545
Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.1	112.7
201	105.9	80.1	120.1

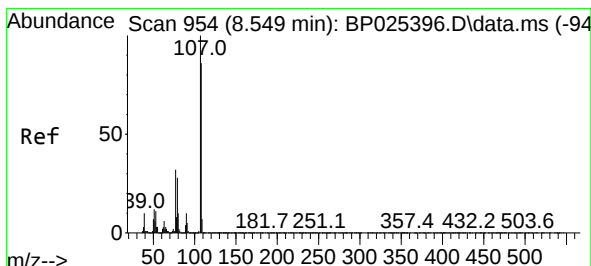
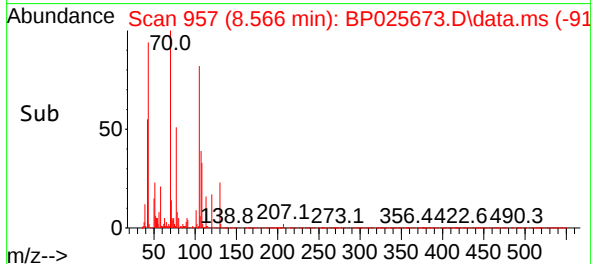
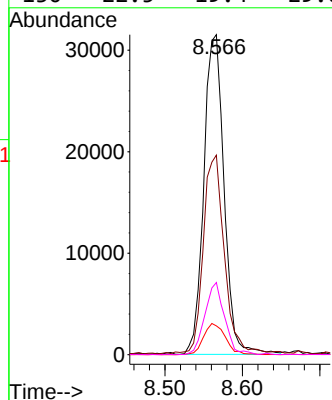
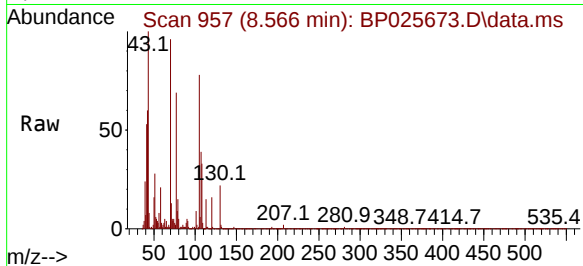




#19
n-Nitroso-di-n-propylamine
Concen: 7.496 ng
RT: 8.566 min Scan# 91
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

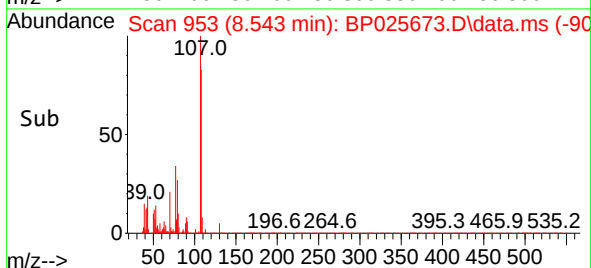
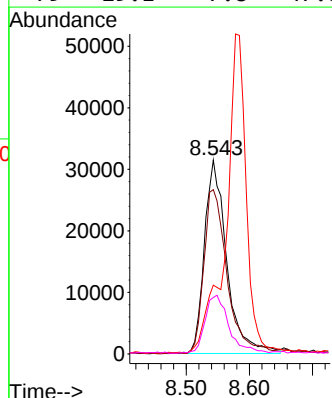
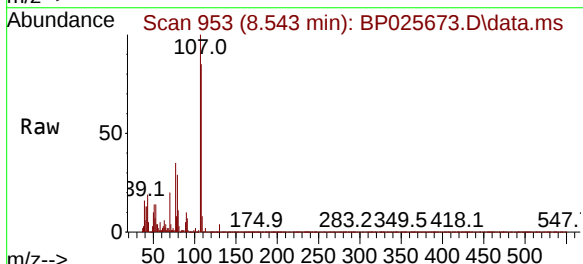
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion: 70 Resp: 57215
Ion Ratio Lower Upper
70 100
42 62.4 43.8 65.6
101 9.0 8.5 12.7
130 22.5 19.4 29.0



#20
3+4-Methylphenols
Concen: 6.604 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 107 Resp: 76872
Ion Ratio Lower Upper
107 100
108 84.8 66.3 106.3
77 35.5 12.3 52.3
79 29.1 7.8 47.8

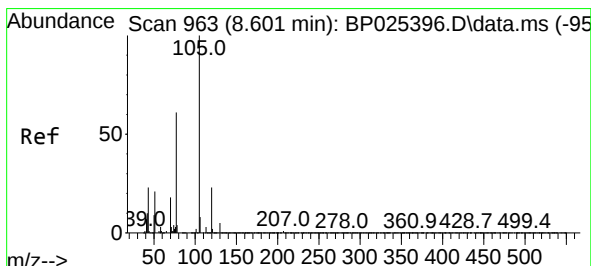
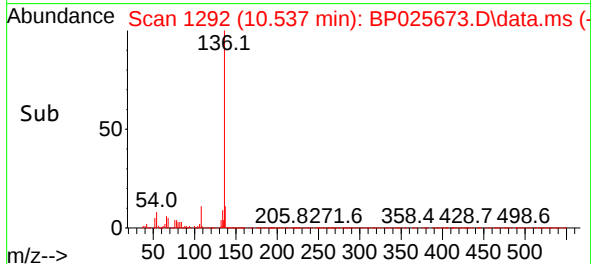
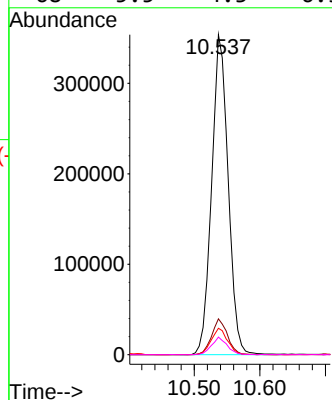
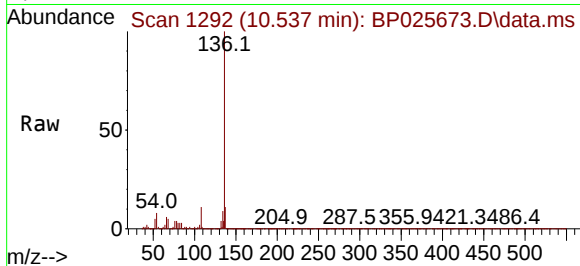




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

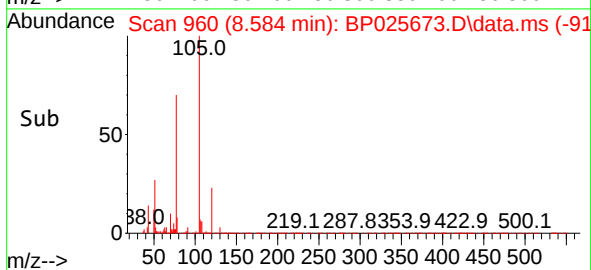
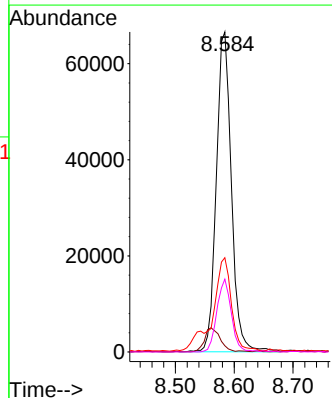
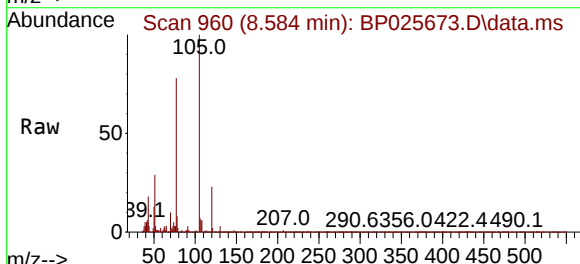
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

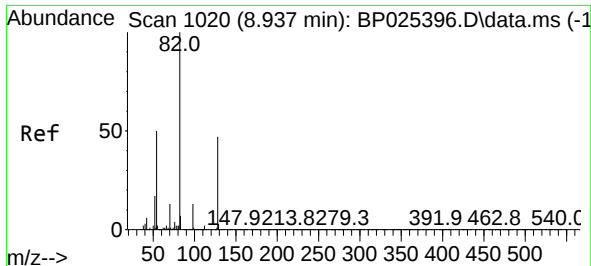
Tgt Ion:	136	Resp:	618053
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.2	6.0	9.0
68	5.5	4.3	6.5



#22
Acetophenone
Concen: 7.666 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:	105	Resp:	118818
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.6	4.0#
51	29.4	20.6	30.8
120	22.8	18.6	27.8

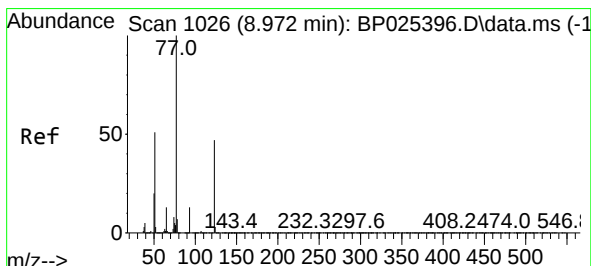
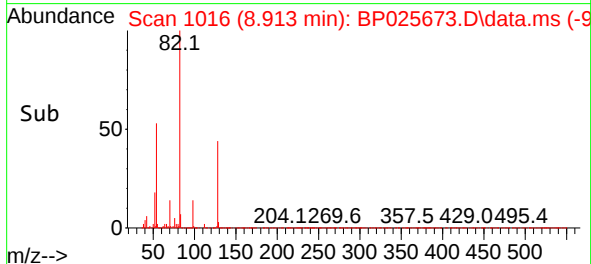
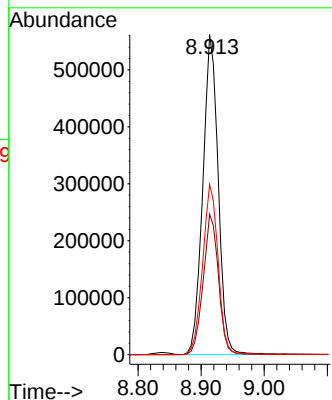
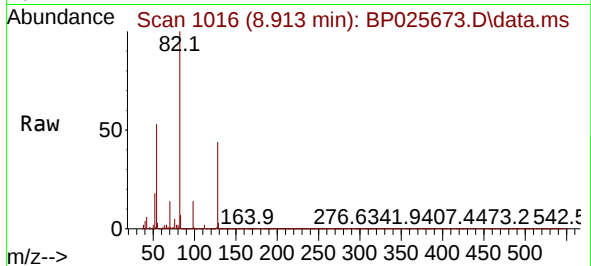




#23
Nitrobenzene-d5
Concen: 77.795 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

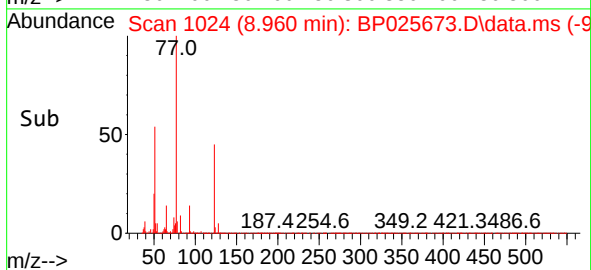
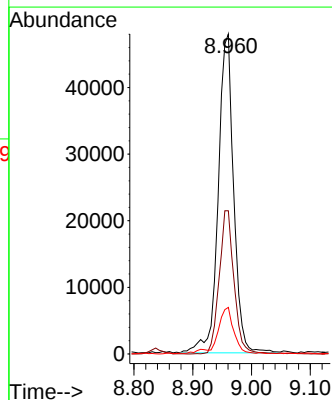
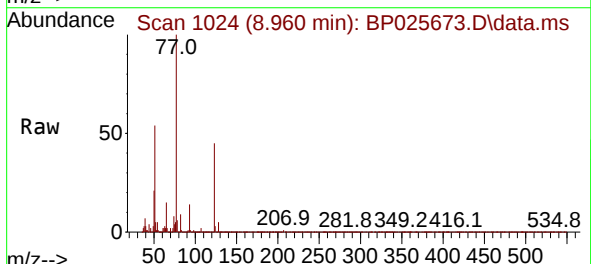
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

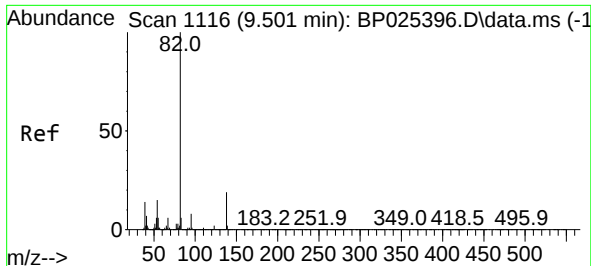
Tgt Ion: 82 Resp: 950504
Ion Ratio Lower Upper
82 100
128 43.9 37.7 56.5
54 53.2 39.8 59.6



#24
Nitrobenzene
Concen: 8.015 ng
RT: 8.960 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 77 Resp: 87520
Ion Ratio Lower Upper
77 100
123 44.8 38.6 58.0
65 14.6 10.6 15.8

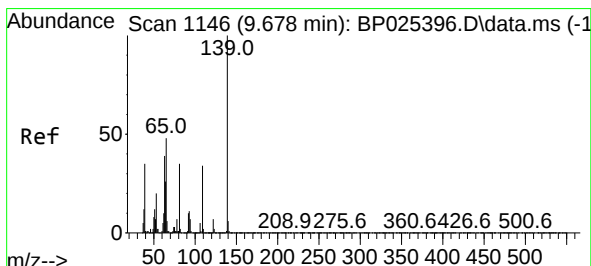
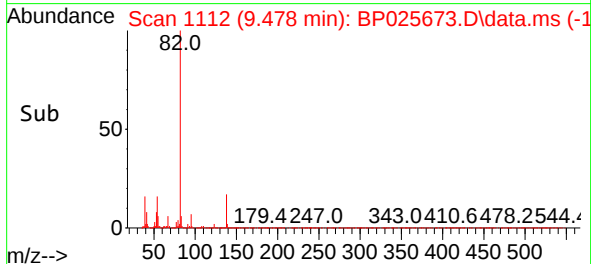
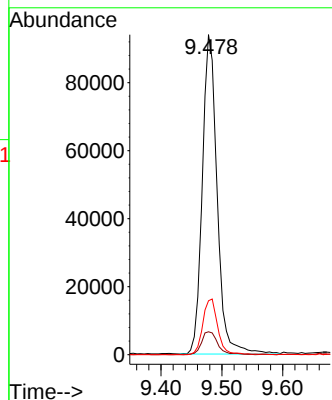
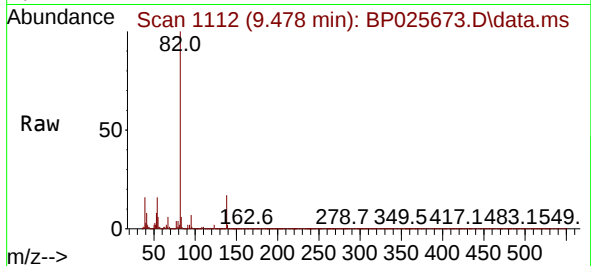




#25
Isophorone
Concen: 7.379 ng
RT: 9.478 min Scan# 1112
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

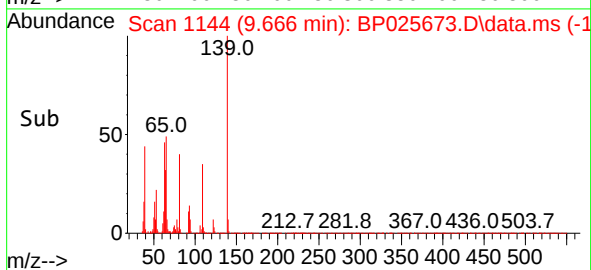
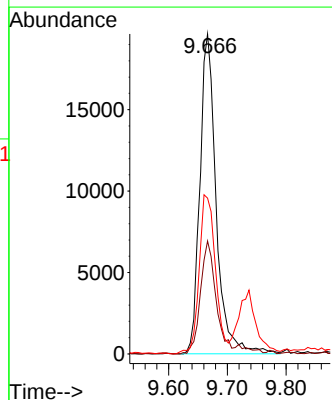
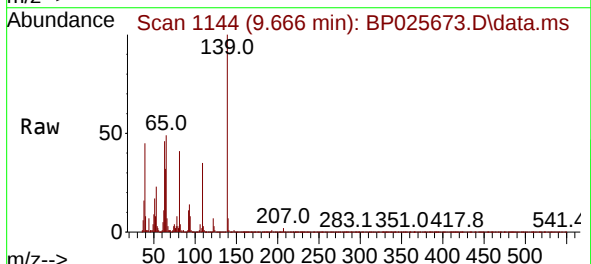
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

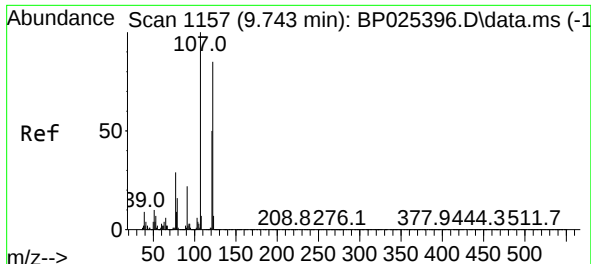
Tgt Ion: 82 Resp: 159562
Ion Ratio Lower Upper
82 100
95 7.2 6.4 9.6
138 16.9 15.4 23.0



#26
2-Nitrophenol
Concen: 6.760 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 139 Resp: 37884
Ion Ratio Lower Upper
139 100
109 35.3 26.9 40.3
65 48.7 38.3 57.5

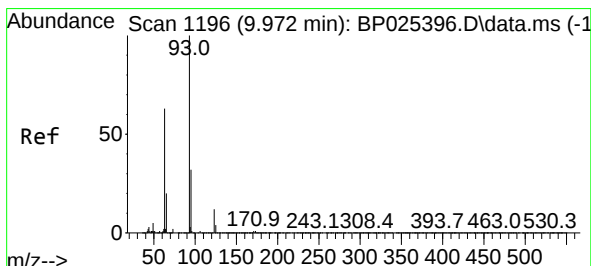
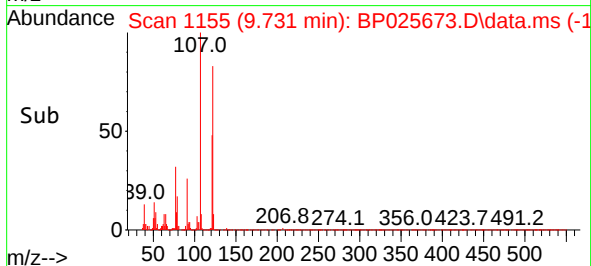
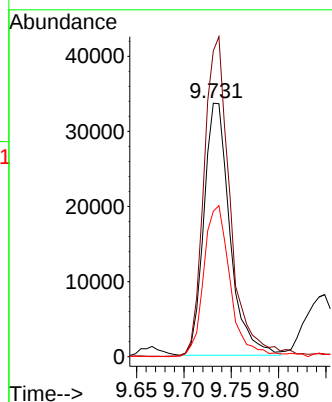
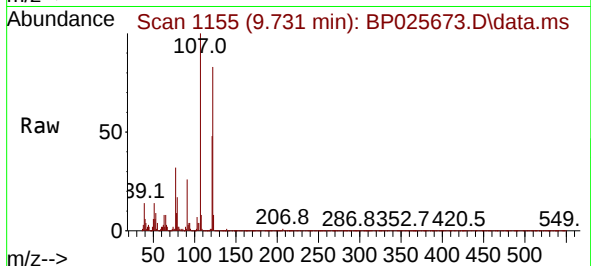




#27
2,4-Dimethylphenol
Concen: 6.652 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

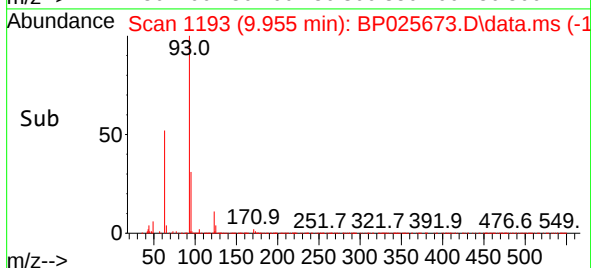
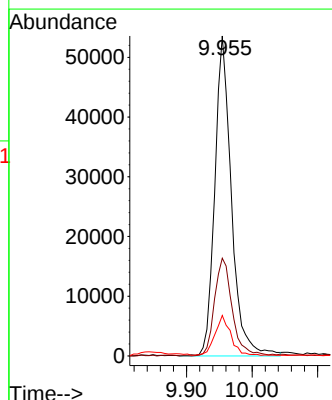
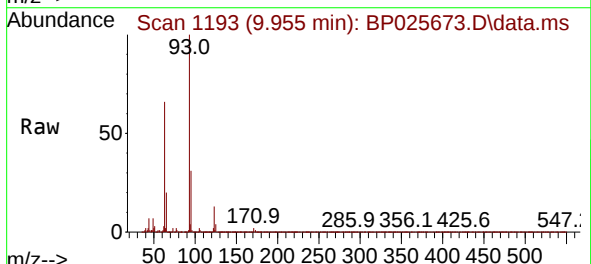
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

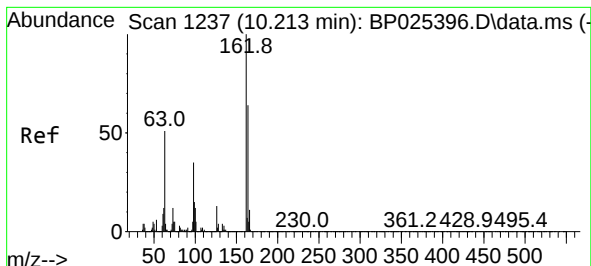
Tgt Ion:122 Resp: 64109
Ion Ratio Lower Upper
122 100
107 120.6 93.7 140.5
121 57.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 7.225 ng
RT: 9.955 min Scan# 1193
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 93 Resp: 94431
Ion Ratio Lower Upper
93 100
95 30.5 25.4 38.0
123 12.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 6.344 ng

RT: 10.219 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

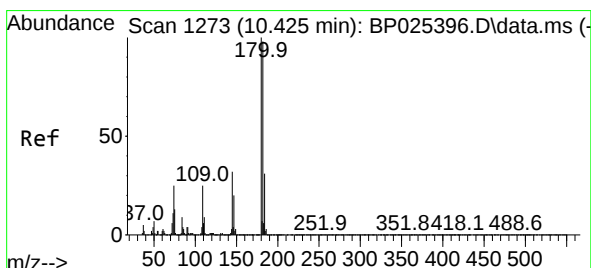
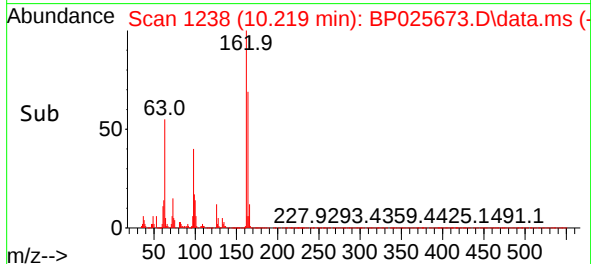
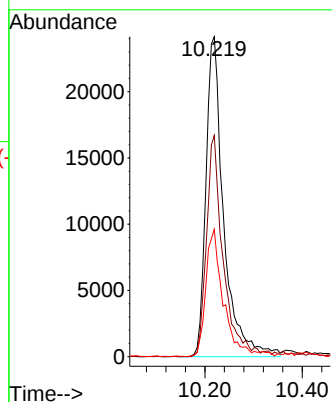
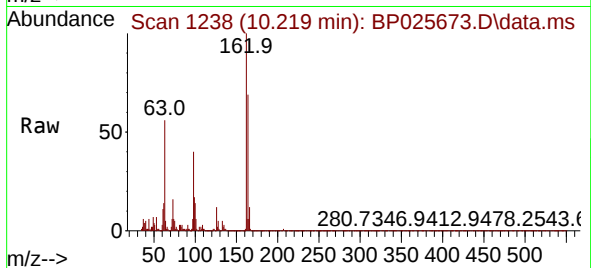
Tgt Ion:162 Resp: 60734

Ion Ratio Lower Upper

162 100

164 69.2 44.4 84.4

98 39.8 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 7.100 ng

RT: 10.407 min Scan# 1270

Delta R.T. -0.017 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

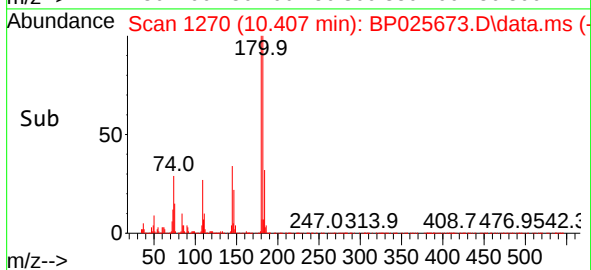
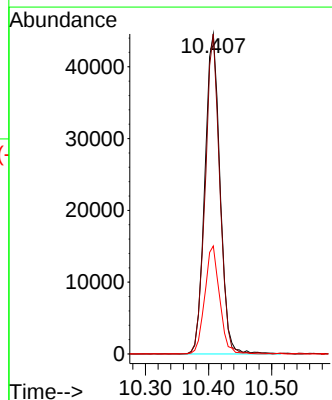
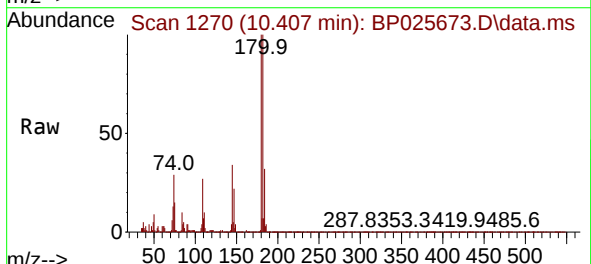
Tgt Ion:180 Resp: 74508

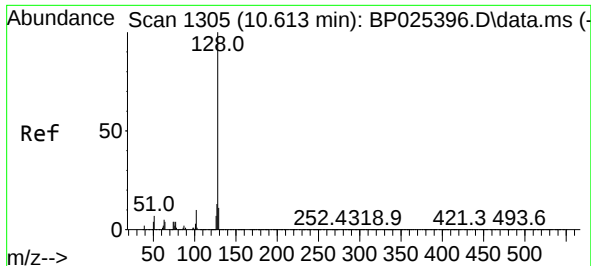
Ion Ratio Lower Upper

180 100

182 99.9 78.0 117.0

145 33.8 25.9 38.9

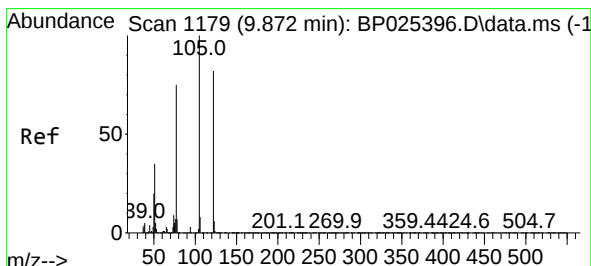
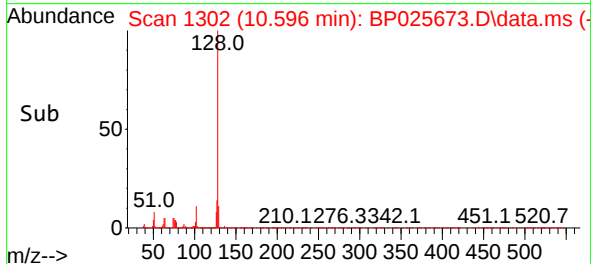
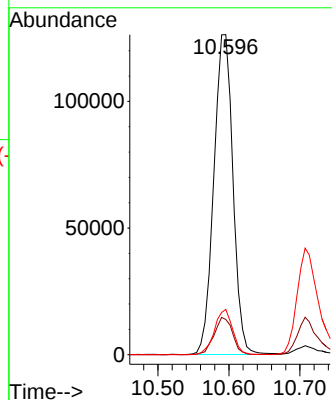
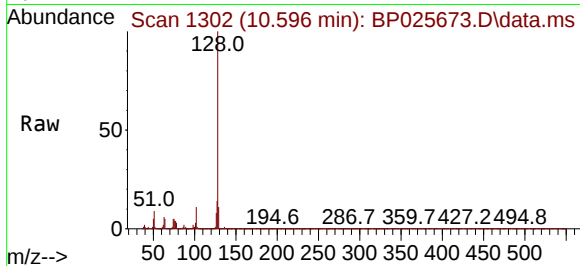




#31
Naphthalene
Concen: 7.364 ng
RT: 10.596 min Scan# 1175
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

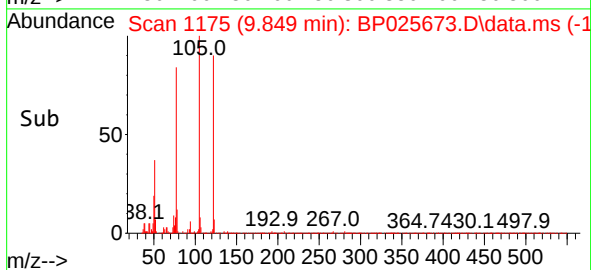
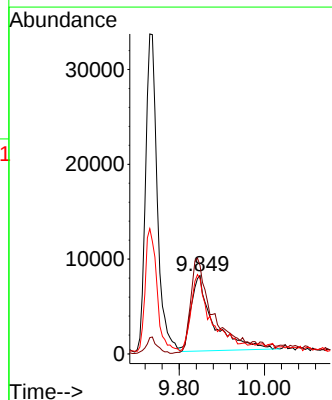
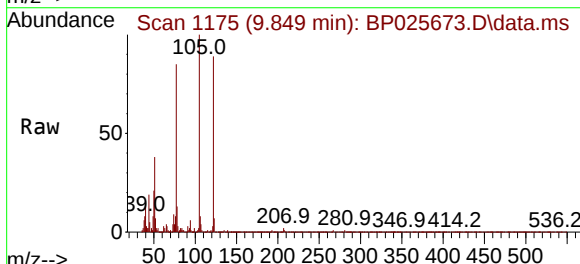
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

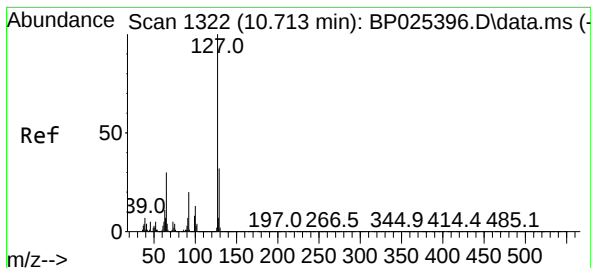
Tgt Ion:128 Resp: 236558
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 4.069 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:122 Resp: 28950
Ion Ratio Lower Upper
122 100
105 112.7 100.6 140.6
77 95.7 71.5 111.5





#33

4-Chloroaniline

Concen: 6.358 ng

RT: 10.707 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion:127 Resp: 90219

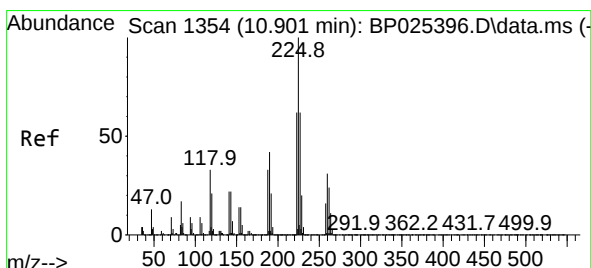
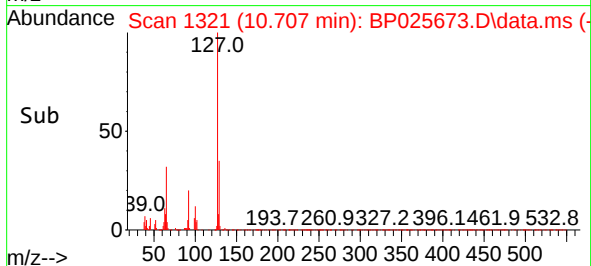
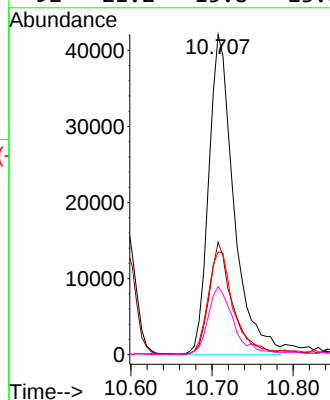
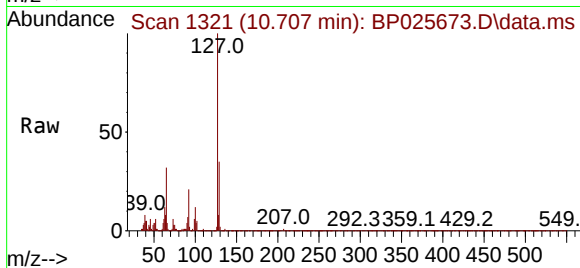
Ion Ratio Lower Upper

127 100

129 35.1 25.4 38.2

65 32.1 23.8 35.6

92 21.2 15.8 23.8



#34

Hexachlorobutadiene

Concen: 7.372 ng

RT: 10.878 min Scan# 1350

Delta R.T. -0.023 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

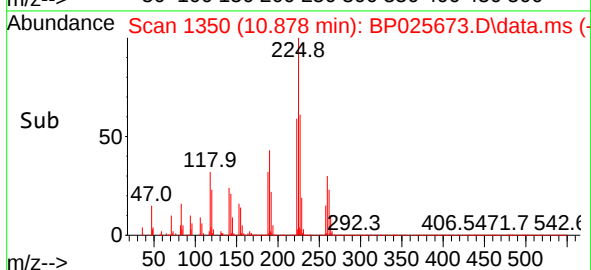
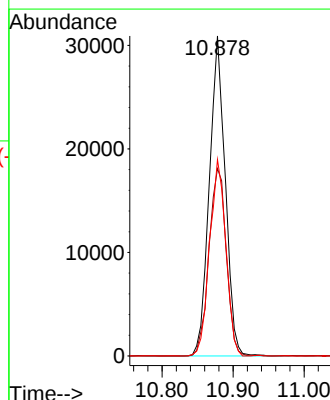
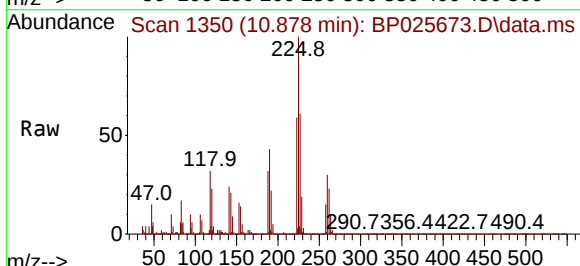
Tgt Ion:225 Resp: 48182

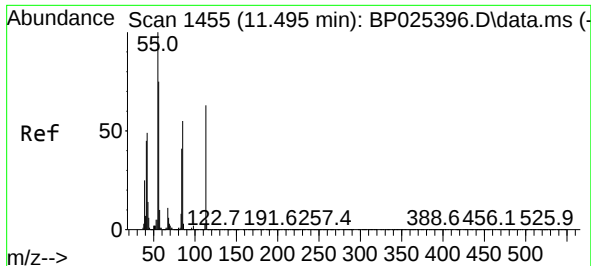
Ion Ratio Lower Upper

225 100

223 58.6 50.0 75.0

227 61.4 49.7 74.5

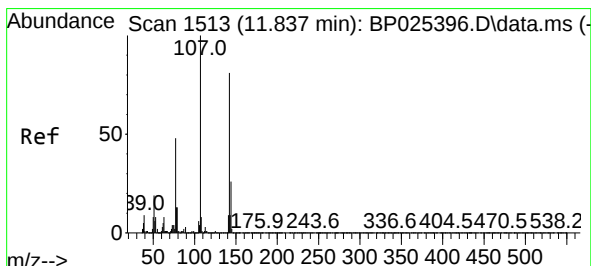
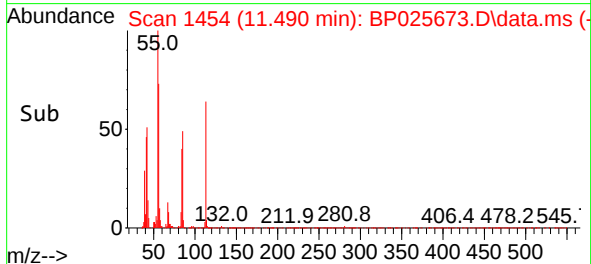
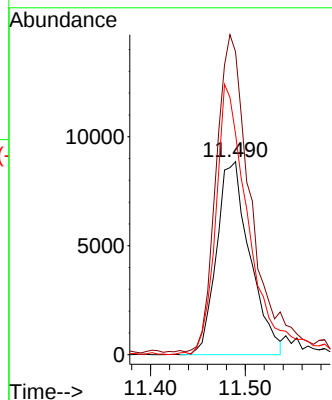
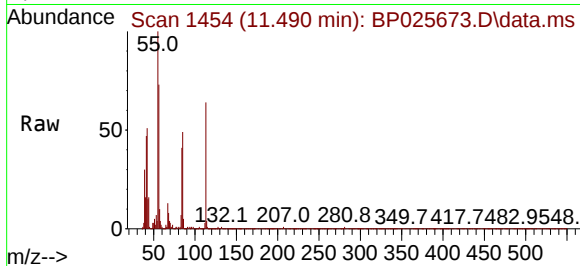




#35
Caprolactam
Concen: 6.169 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

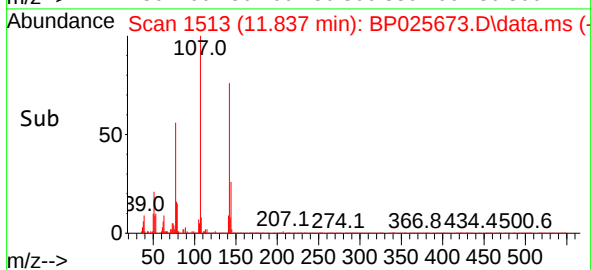
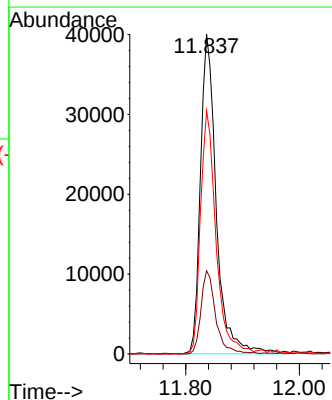
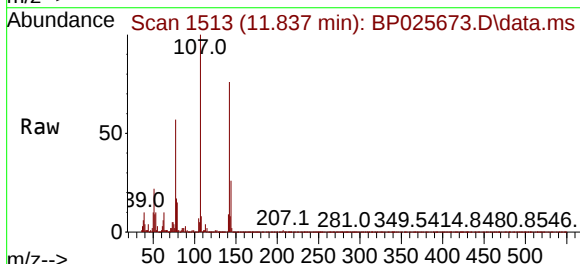
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

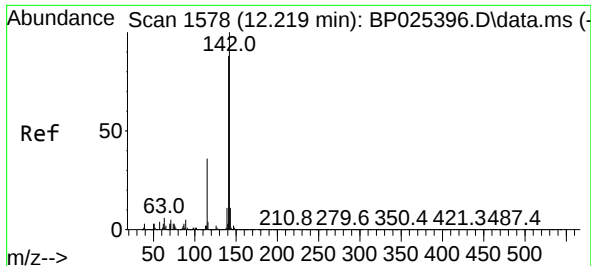
Tgt Ion:113 Resp: 21655
Ion Ratio Lower Upper
113 100
55 156.9 140.0 180.0
56 114.4 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 7.070 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:107 Resp: 77661
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.4
142 76.0 64.6 97.0

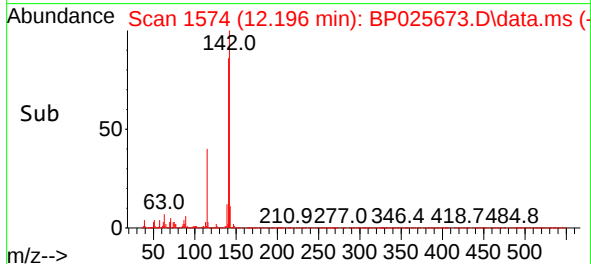
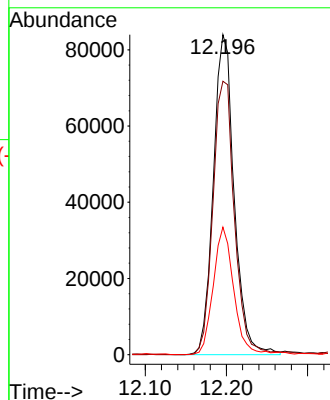
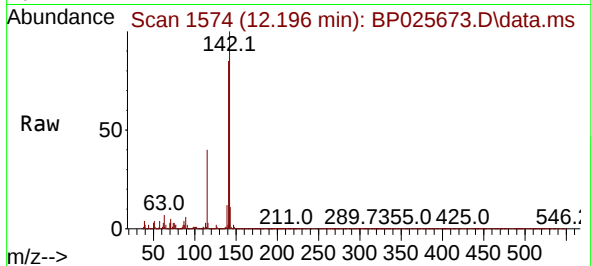




#37
2-Methylnaphthalene
Concen: 7.165 ng
RT: 12.196 min Scan# 1574
Delta R.T. -0.023 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

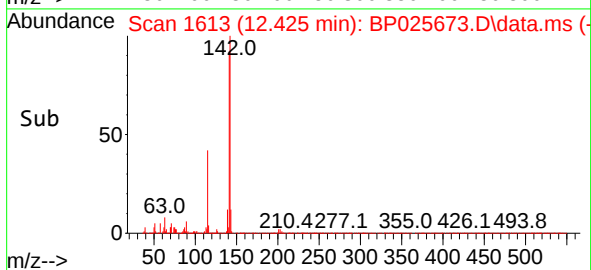
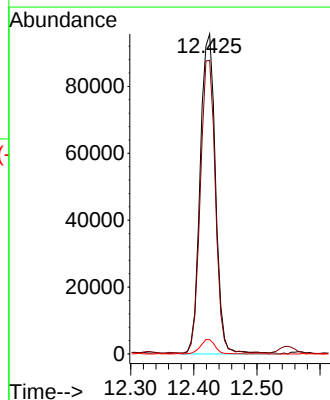
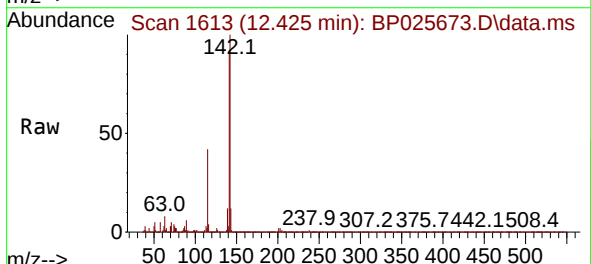
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

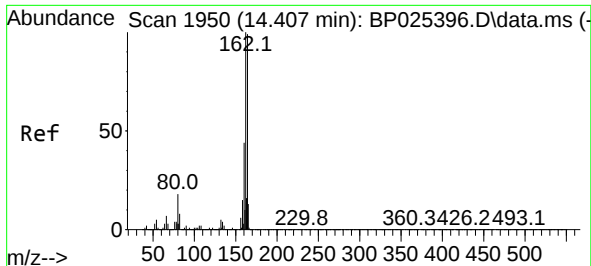
Tgt Ion:142 Resp: 149794
Ion Ratio Lower Upper
142 100
141 85.5 70.3 105.5
115 39.9 28.9 43.3



#38
1-Methylnaphthalene
Concen: 7.258 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:142 Resp: 161350
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7
116 4.4 3.2 4.8

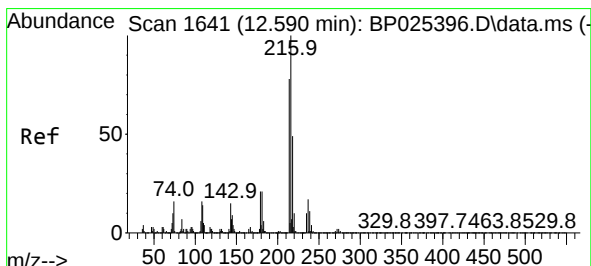
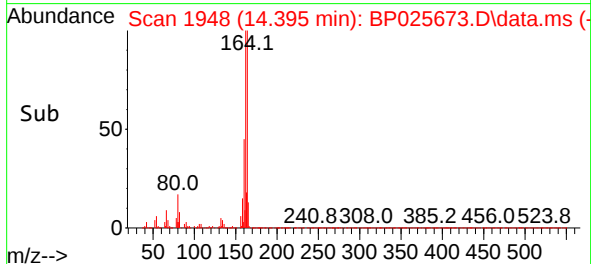
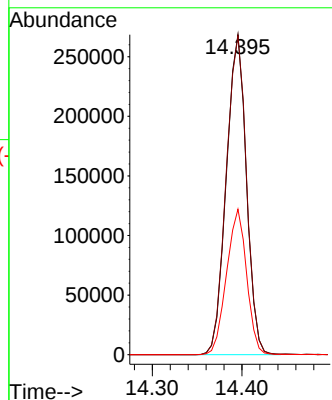
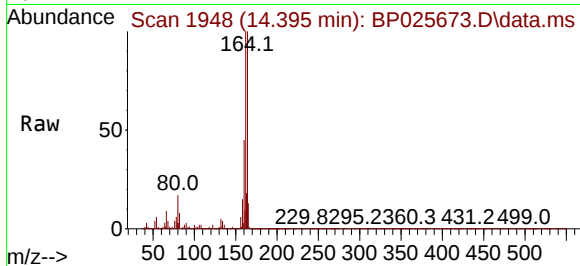




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

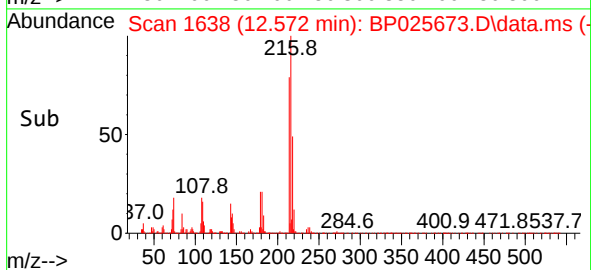
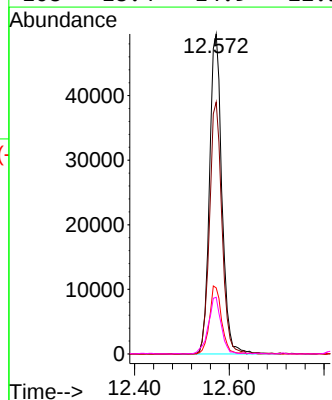
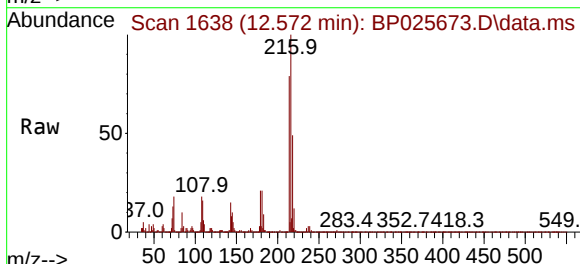
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

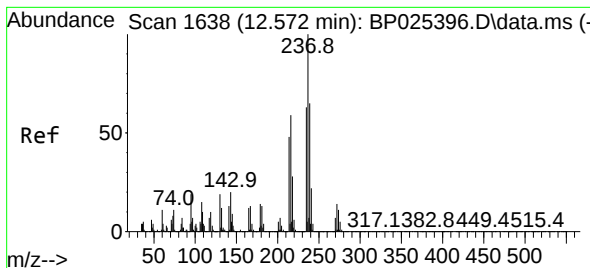
Tgt Ion:164 Resp: 416859
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.6
160 45.5 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.454 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:216 Resp: 89744
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.9 17.1 25.7
108 18.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 4.038 ng

RT: 12.549 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

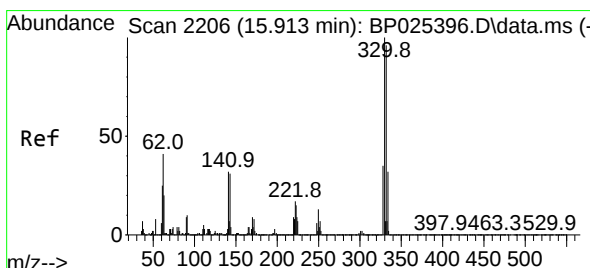
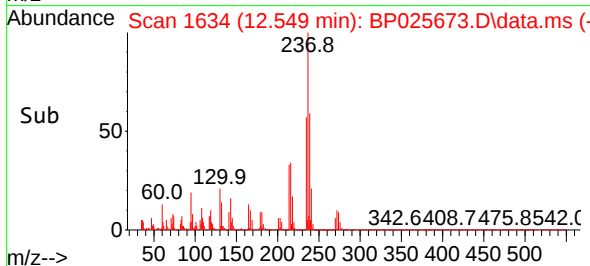
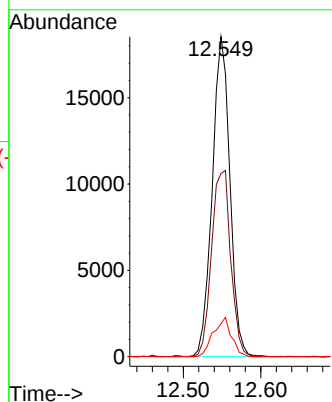
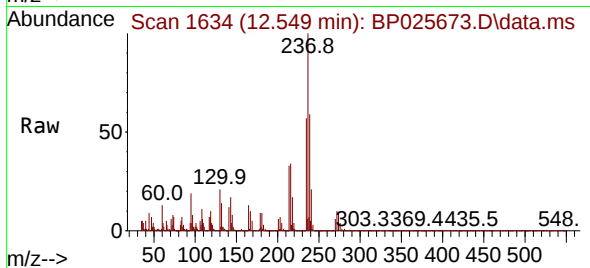
Tgt Ion:237 Resp: 29367

Ion Ratio Lower Upper

237 100

235 57.3 42.7 82.7

272 10.3 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 125.138 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

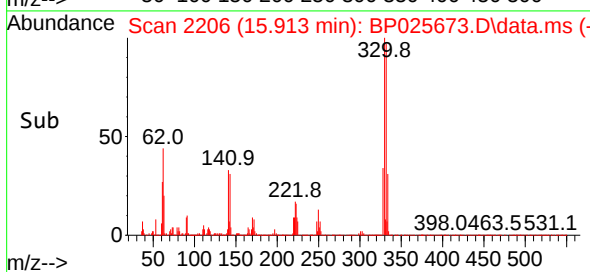
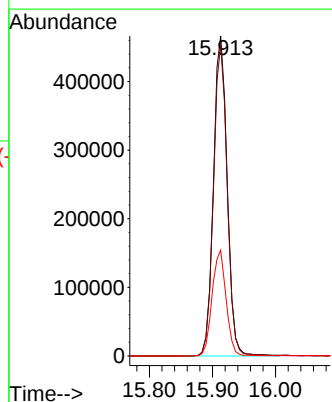
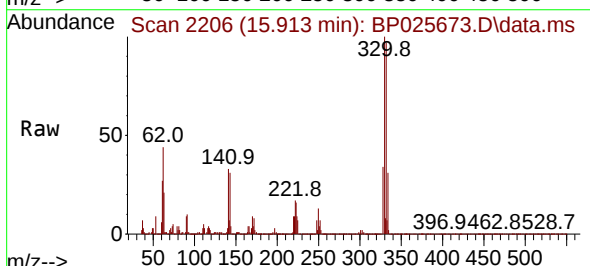
Tgt Ion:330 Resp: 702145

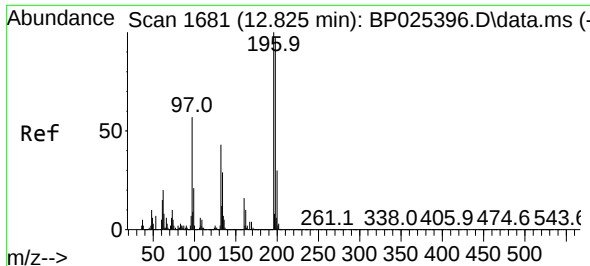
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.9 26.6 39.8

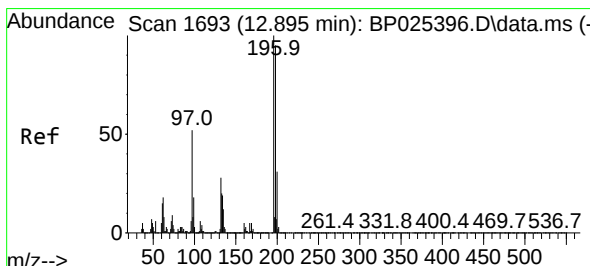
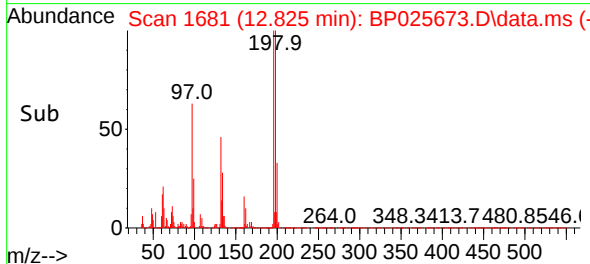
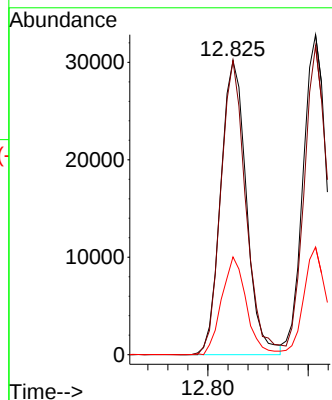
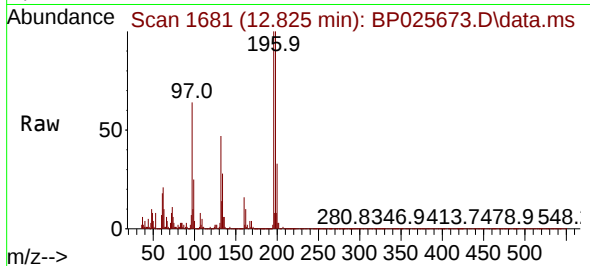




#43
2,4,6-Trichlorophenol
Concen: 6.613 ng
RT: 12.825 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

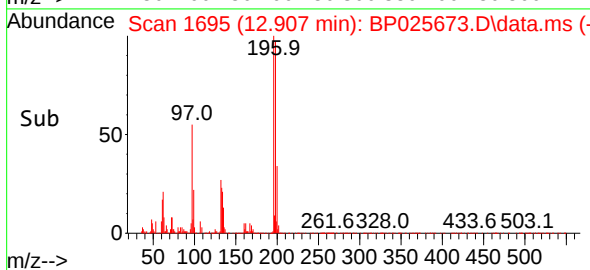
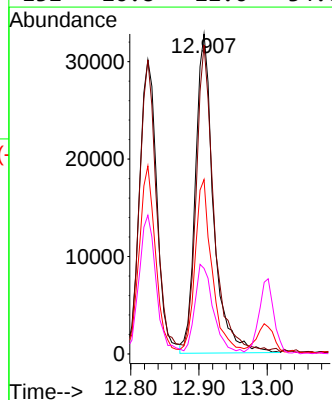
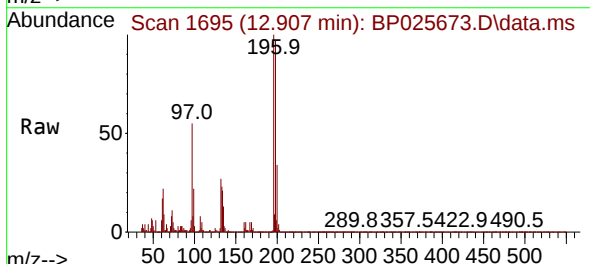
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

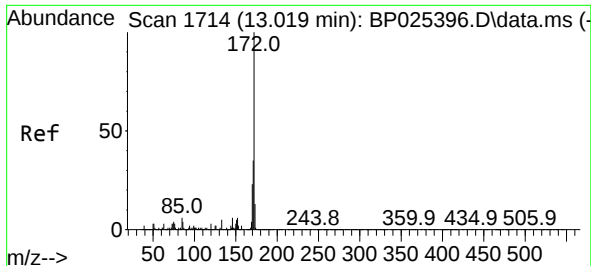
Tgt Ion:196 Resp: 53746
Ion Ratio Lower Upper
196 100
198 100.0 77.2 115.8
200 33.2 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 6.777 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:196 Resp: 60368
Ion Ratio Lower Upper
196 100
198 96.5 76.2 114.2
97 54.5 41.2 61.8
132 26.8 22.6 34.0

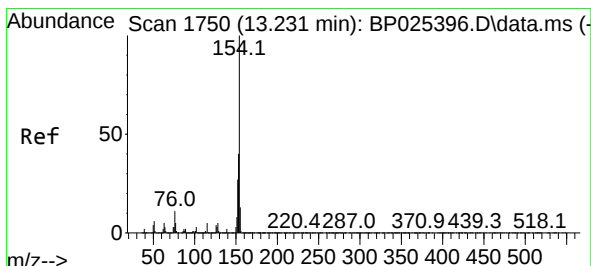
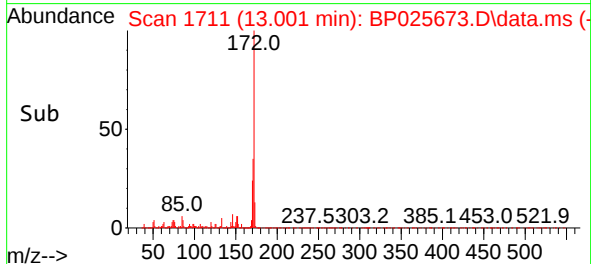
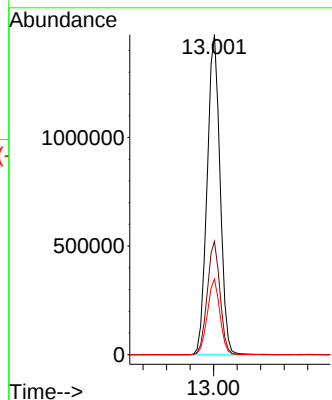
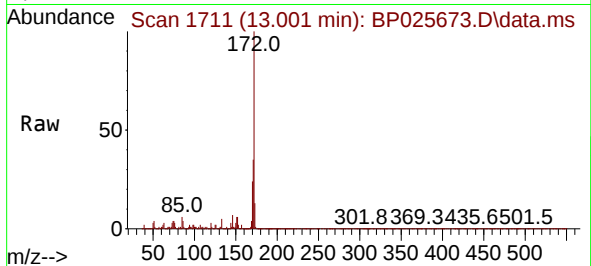




#45
2-Fluorobiphenyl
Concen: 73.607 ng
RT: 13.001 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

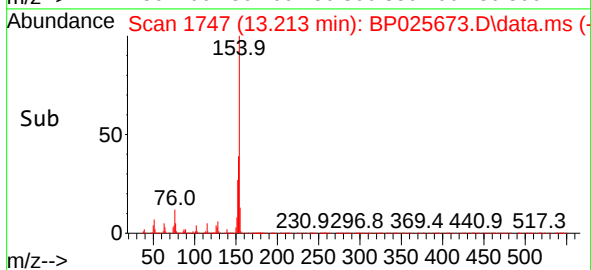
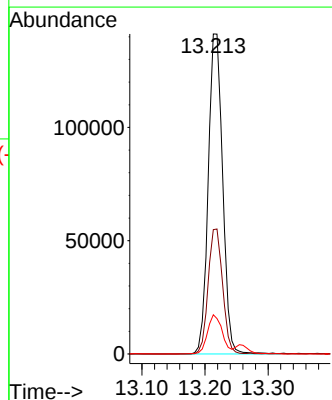
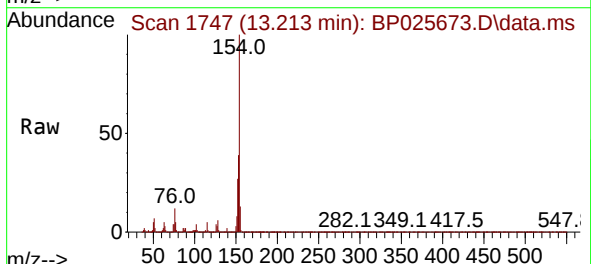
Instrument :
BNA_P
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MDL-SOIL-03-QT3-2025

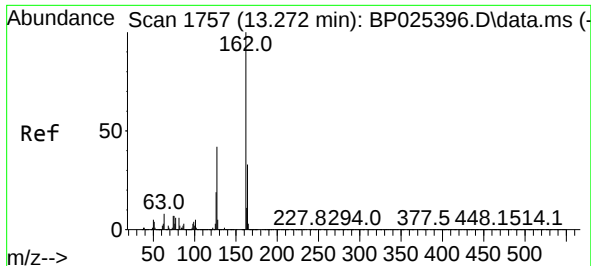
Tgt Ion:172 Resp: 2245131
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 7.387 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.017 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:154 Resp: 223641
Ion Ratio Lower Upper
154 100
153 38.8 19.5 59.5
76 12.3 0.0 31.1

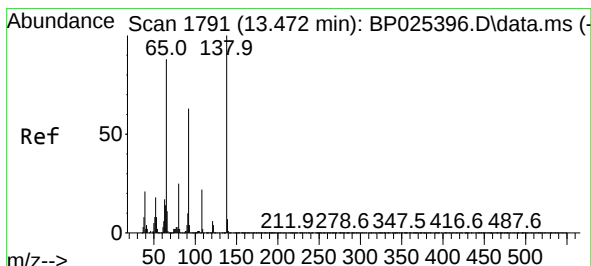
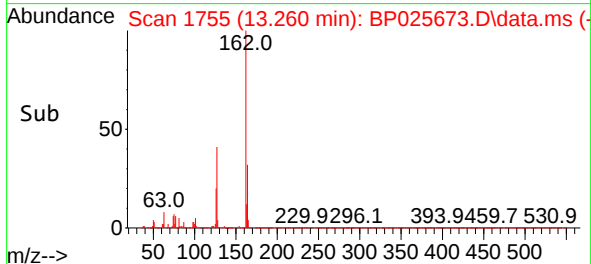
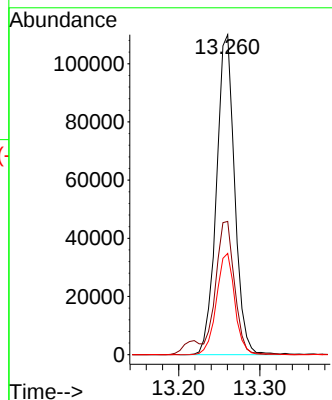
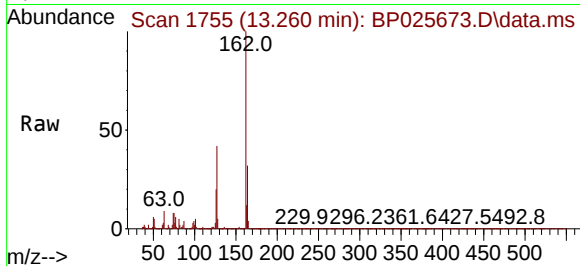




#47
2-Chloronaphthalene
Concen: 7.268 ng
RT: 13.260 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

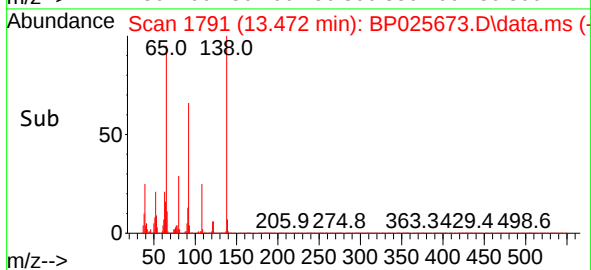
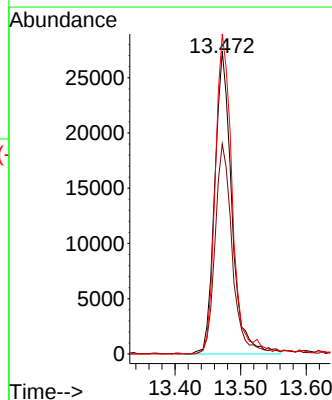
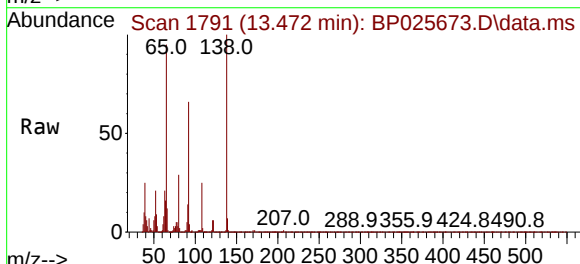
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

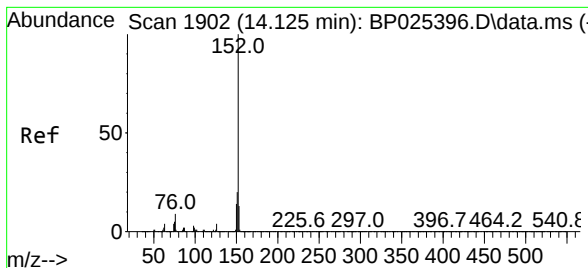
Tgt Ion:162 Resp: 171301
Ion Ratio Lower Upper
162 100
127 41.7 33.4 50.2
164 31.7 26.2 39.2



#48
2-Nitroaniline
Concen: 7.191 ng
RT: 13.472 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion: 65 Resp: 49384
Ion Ratio Lower Upper
65 100
92 69.4 57.6 86.4
138 105.7 91.0 136.6





#49

Acenaphthylene

Concen: 7.267 ng

RT: 14.113 min Scan# 1902

Delta R.T. -0.012 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

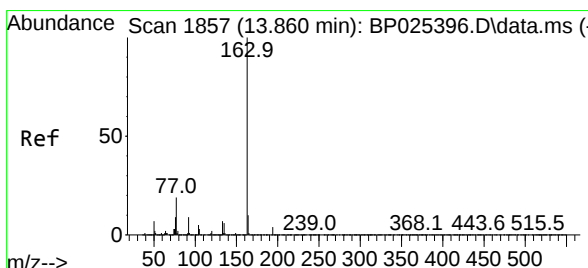
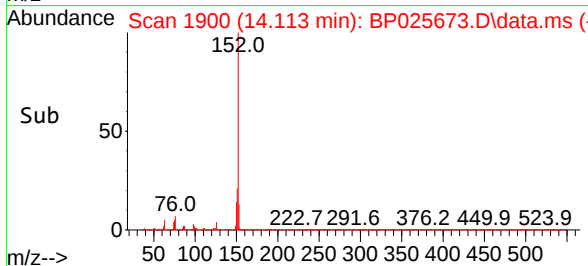
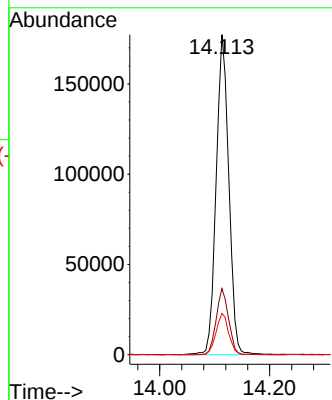
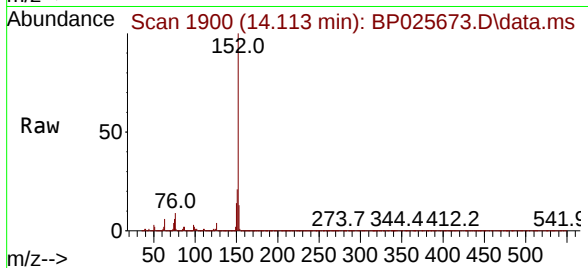
Tgt Ion:152 Resp: 283398

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 12.9 10.6 15.8



#50

Dimethylphthalate

Concen: 7.423 ng

RT: 13.843 min Scan# 1854

Delta R.T. -0.017 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

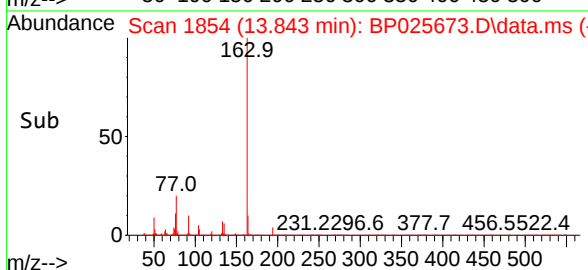
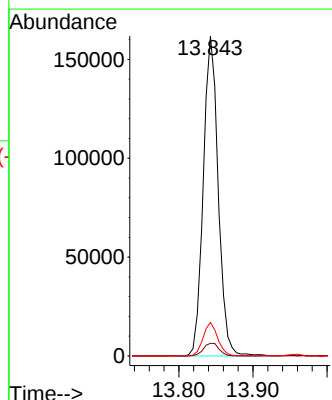
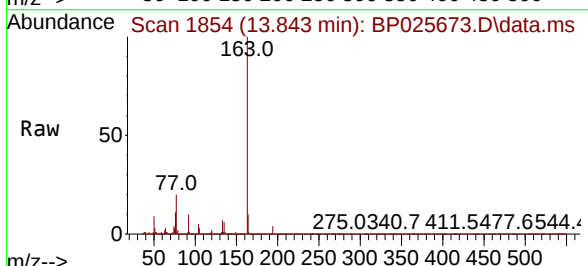
Tgt Ion:163 Resp: 226604

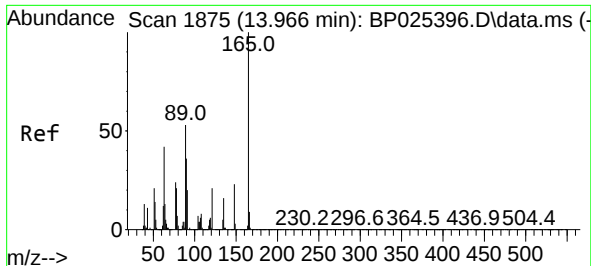
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.5 7.9 11.9

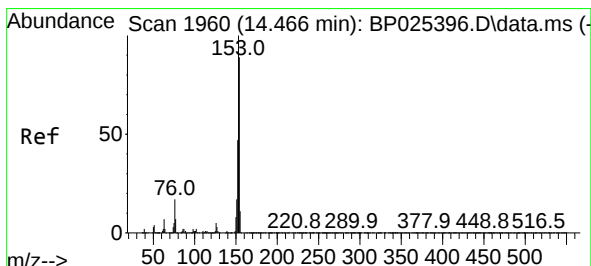
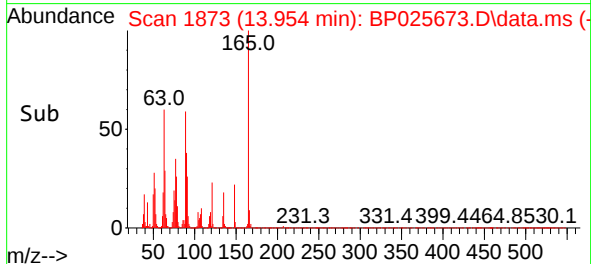
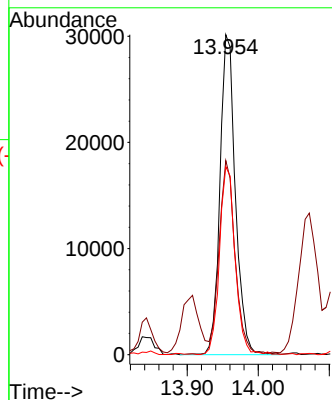
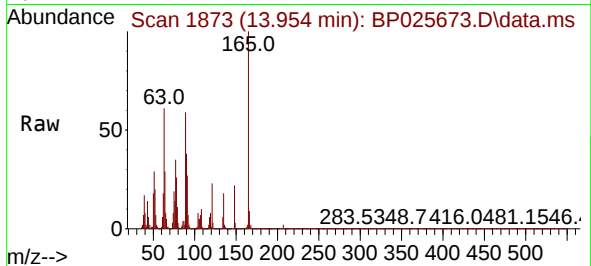




#51
2,6-Dinitrotoluene
Concen: 7.062 ng
RT: 13.954 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

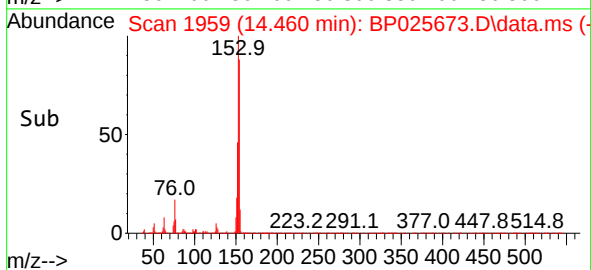
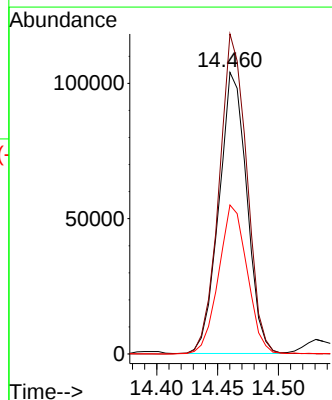
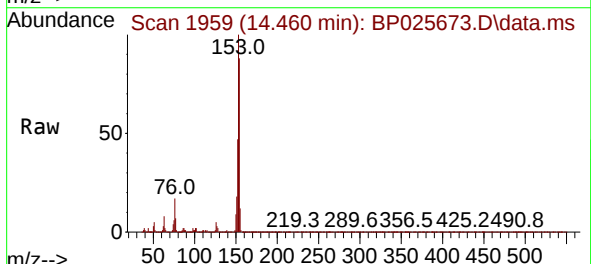
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

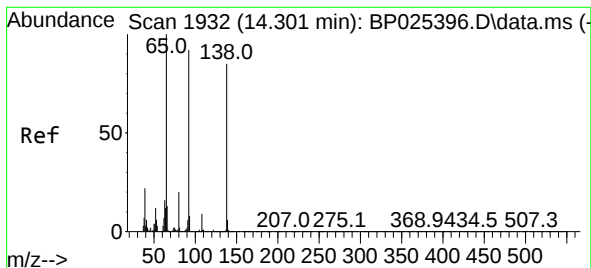
Tgt Ion:	165	Resp:	45440
Ion Ratio	Lower	Upper	
165	100		
63	60.6	40.9	61.3
89	58.7	42.1	63.1



#52
Acenaphthene
Concen: 7.232 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:	154	Resp:	165557
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.2	135.2
152	52.9	42.1	63.1





#53

3-Nitroaniline

Concen: 6.455 ng

RT: 14.307 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

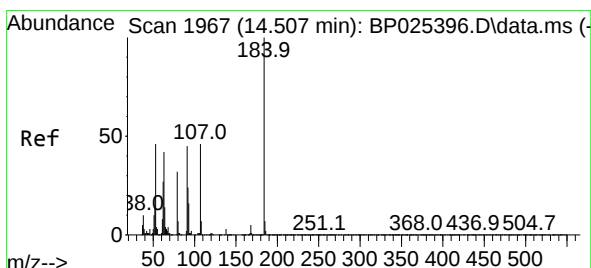
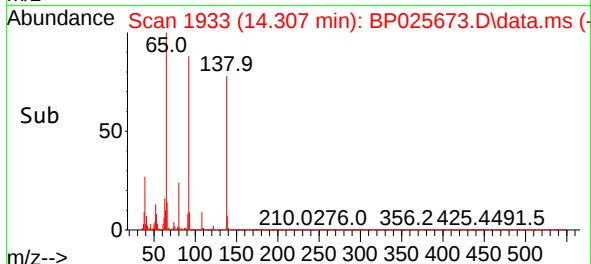
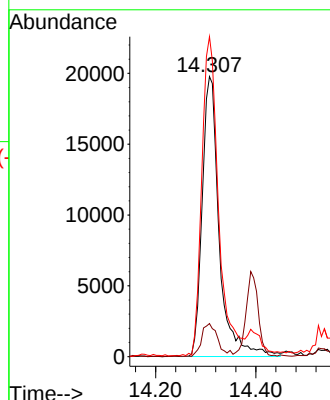
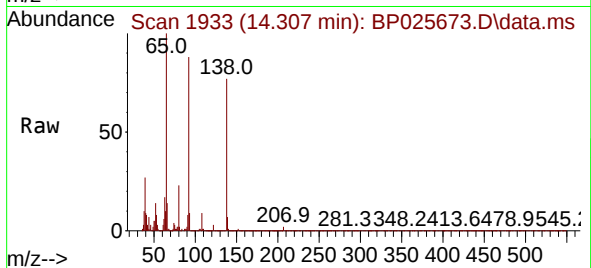
Tgt Ion:138 Resp: 46728

Ion Ratio Lower Upper

138 100

108 11.8 8.3 12.5

92 114.2 86.2 129.2



#54

2,4-Dinitrophenol

Concen: 5.009 ng

RT: 14.531 min Scan# 1971

Delta R.T. 0.024 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

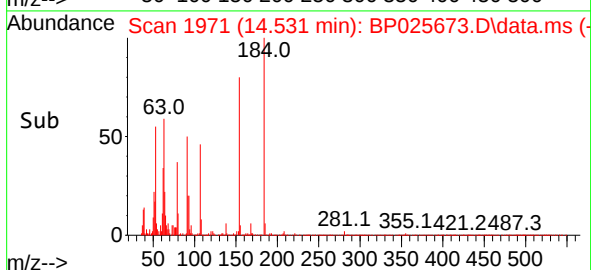
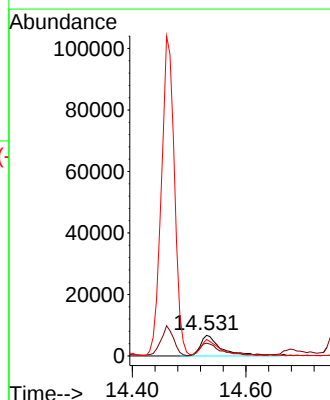
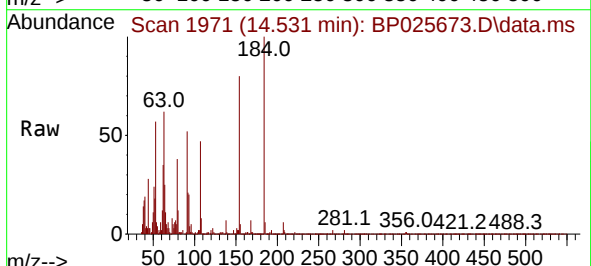
Tgt Ion:184 Resp: 17210

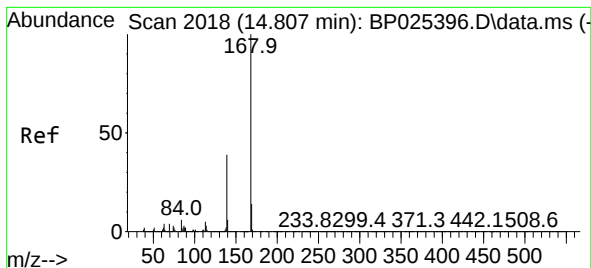
Ion Ratio Lower Upper

184 100

63 62.3 49.4 74.2

154 79.9 54.6 82.0





#55

Dibenzofuran

Concen: 7.442 ng

RT: 14.807 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

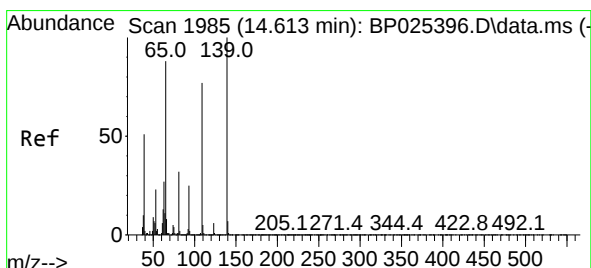
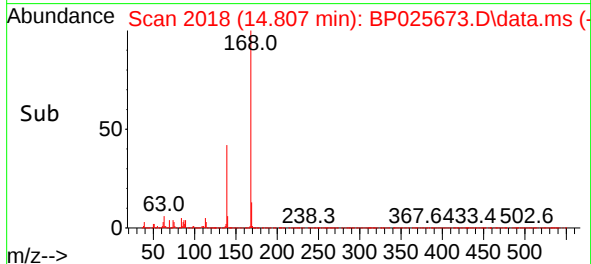
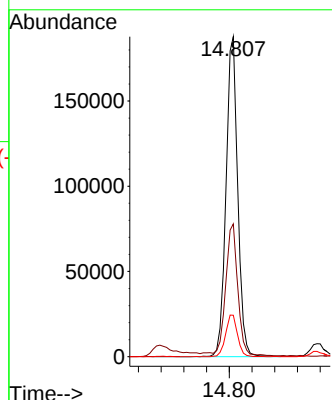
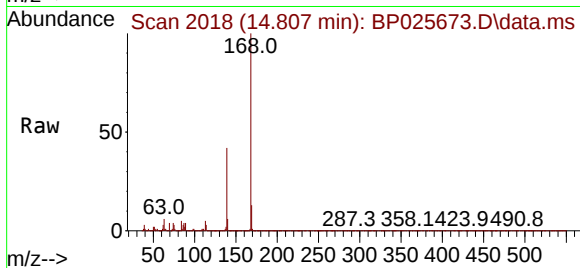
Tgt Ion:168 Resp: 269353

Ion Ratio Lower Upper

168 100

139 41.5 31.5 47.3

169 13.0 10.9 16.3



#56

4-Nitrophenol

Concen: 3.479 ng

RT: 14.678 min Scan# 1996

Delta R.T. 0.065 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

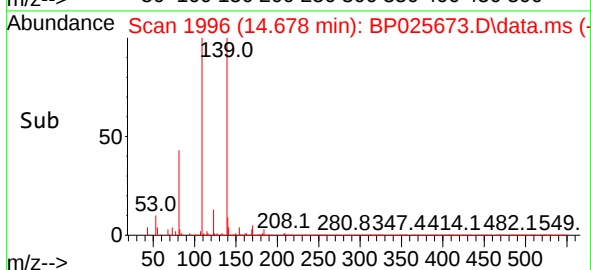
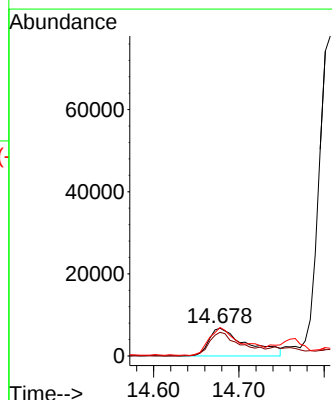
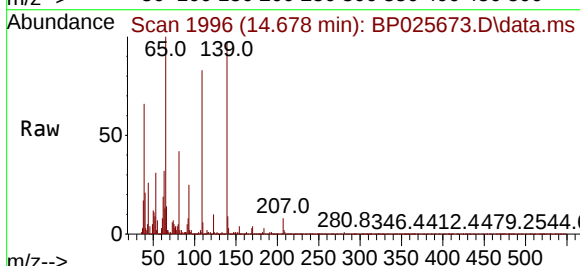
Tgt Ion:139 Resp: 20697

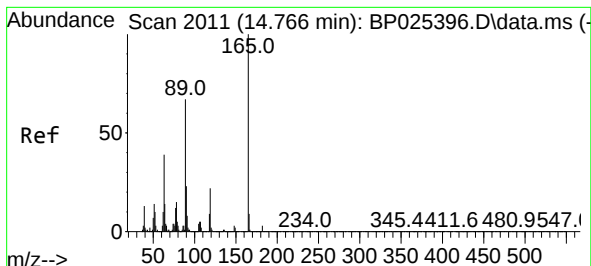
Ion Ratio Lower Upper

139 100

109 85.7 56.6 96.6

65 103.0 68.2 108.2

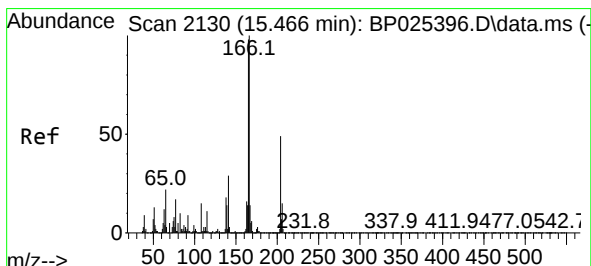
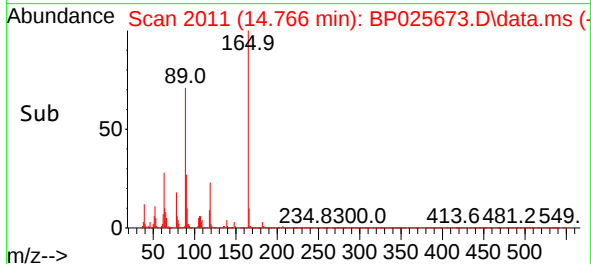
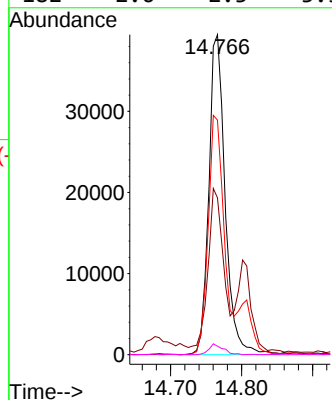
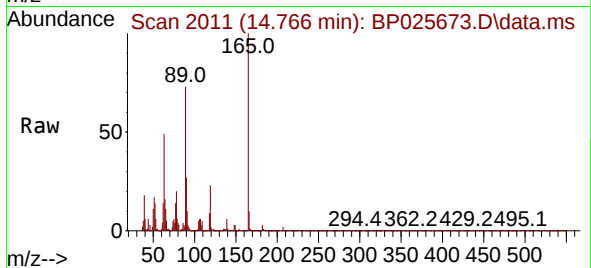




#57
2,4-Dinitrotoluene
Concen: 6.886 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

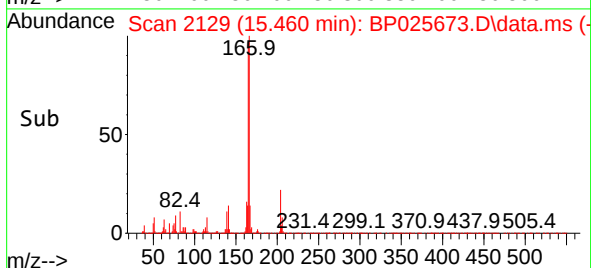
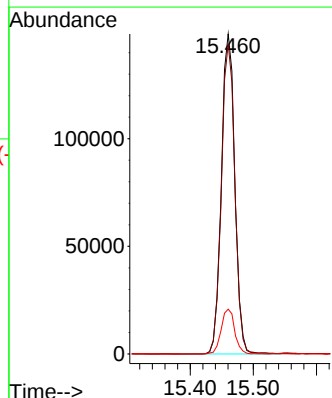
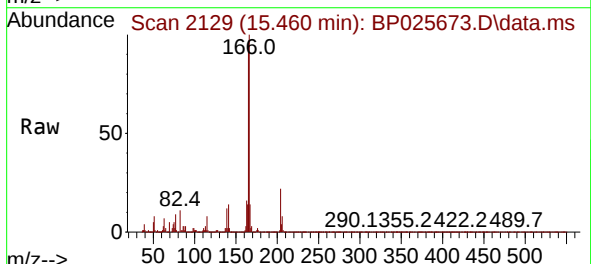
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

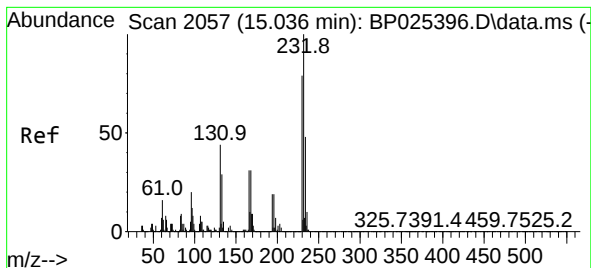
Tgt Ion:	165	Resp:	63211
Ion Ratio	Lower	Upper	
165	100		
63	49.0	31.4	47.2#
89	73.3	53.3	79.9
182	2.6	2.3	3.5



#58
Fluorene
Concen: 7.683 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:	166	Resp:	219413
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.8	118.2
167	14.0	11.0	16.4

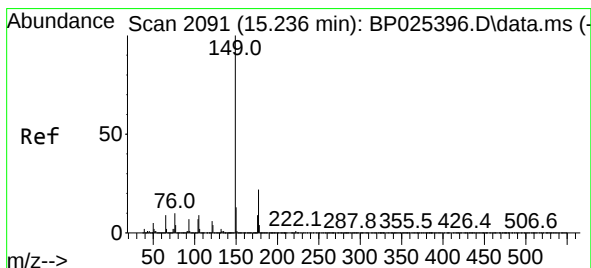
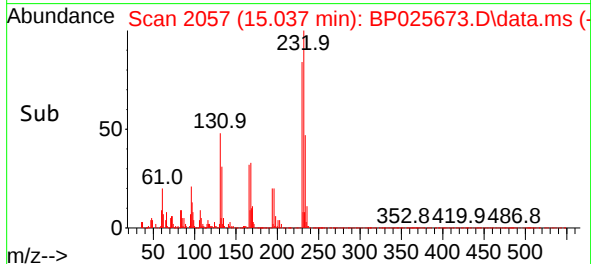
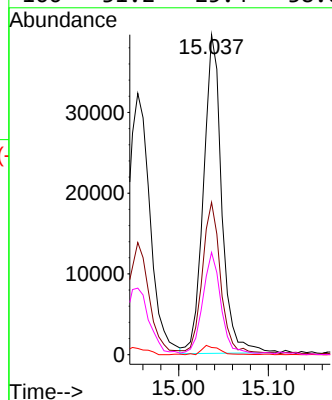
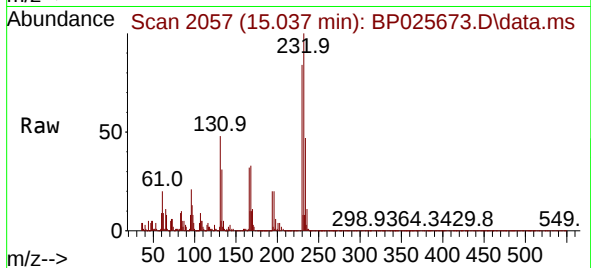




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.089 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

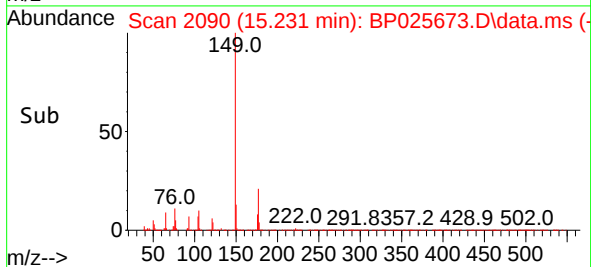
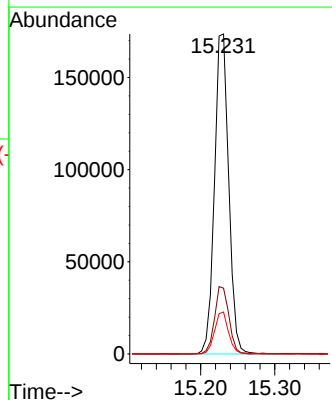
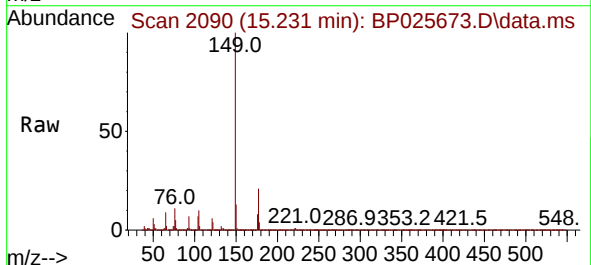
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

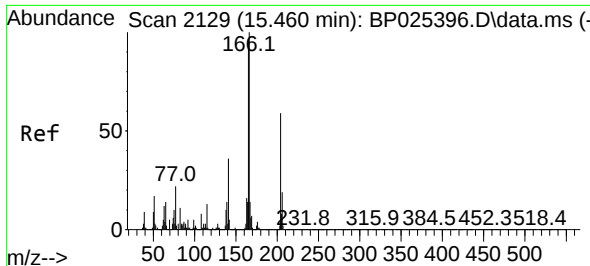
Tgt Ion:	232	Resp:	55757
Ion Ratio	Lower	Upper	
232	100		
131	47.9	37.0	55.6
130	2.8	1.9	2.9
166	31.2	25.4	38.0



#60
Diethylphthalate
Concen: 7.458 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:	149	Resp:	231339
Ion Ratio	Lower	Upper	
149	100		
177	20.5	17.3	25.9
150	13.1	10.3	15.5

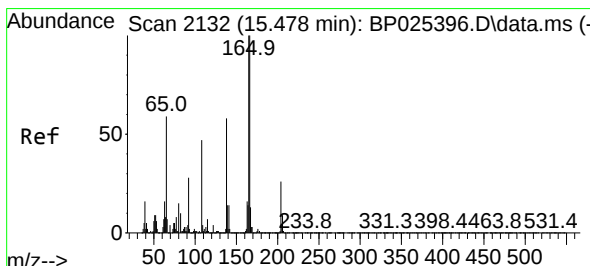
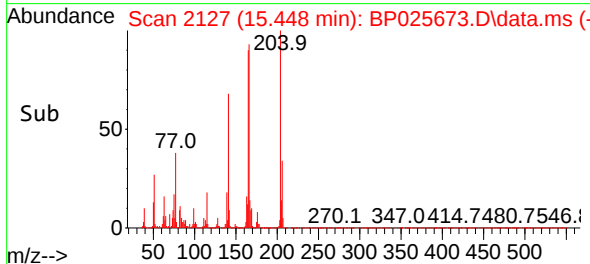
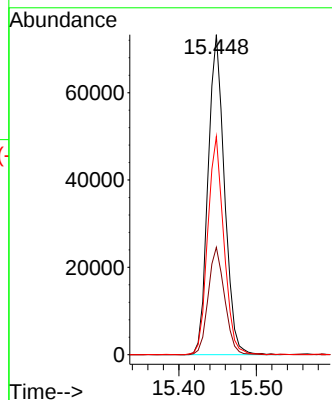
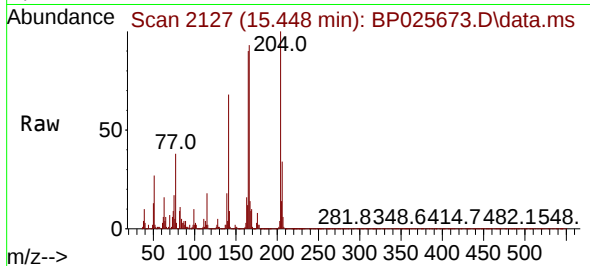




#61
4-Chlorophenyl-phenylether
Concen: 7.568 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

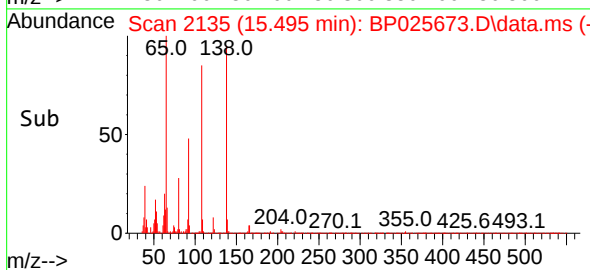
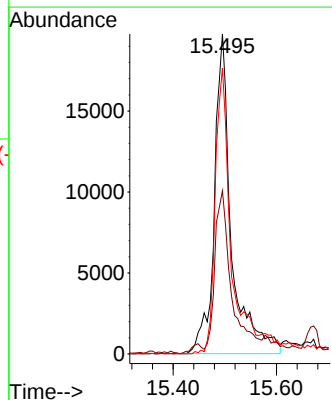
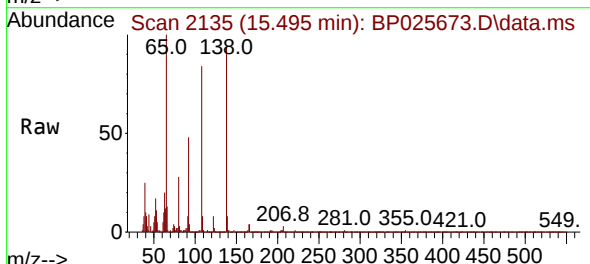
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

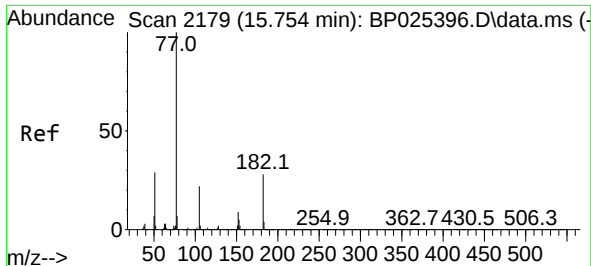
Tgt Ion:204 Resp: 107488
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 68.1 49.4 74.2



#62
4-Nitroaniline
Concen: 6.170 ng
RT: 15.495 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:138 Resp: 45791
Ion Ratio Lower Upper
138 100
92 51.0 29.1 69.1
108 89.4 61.5 101.5

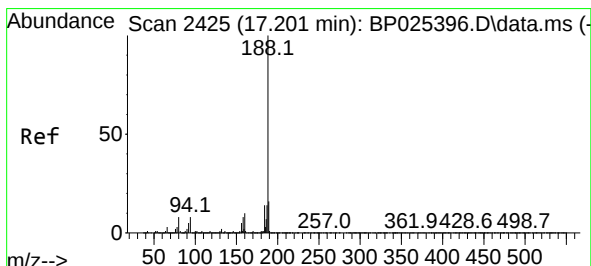
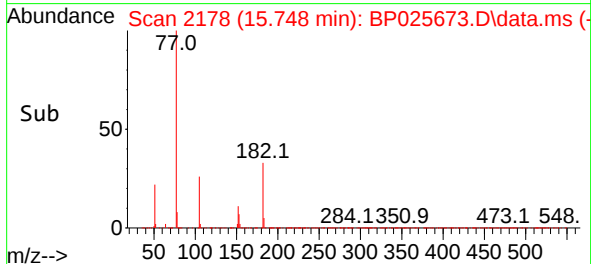
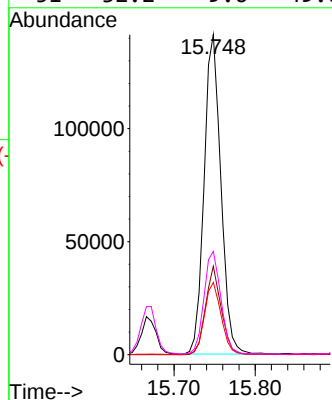
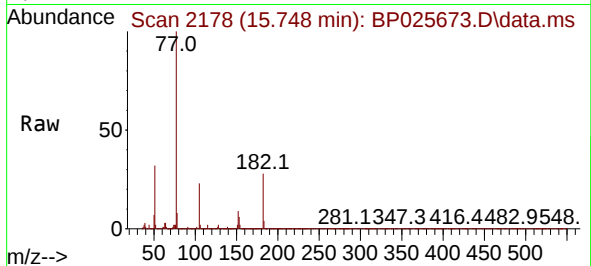




#63
Azobenzene
Concen: 7.625 ng
RT: 15.748 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

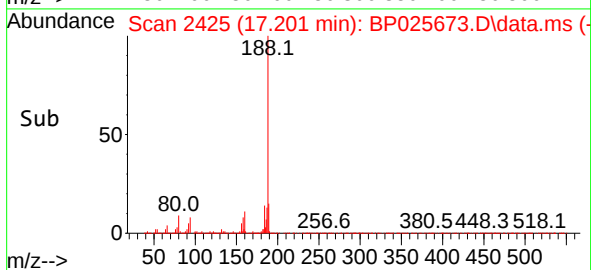
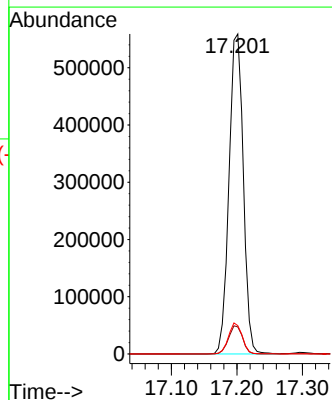
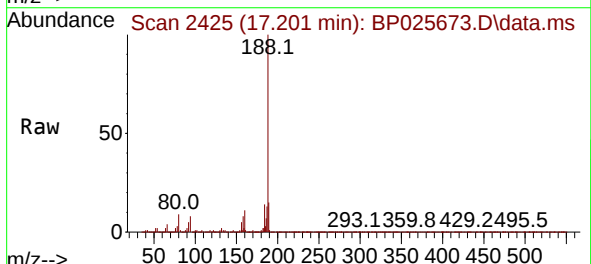
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

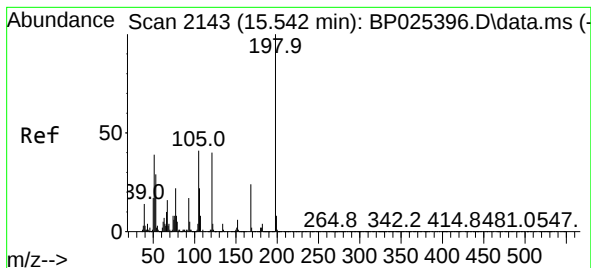
Tgt Ion: 77	Resp: 202509
Ion Ratio	Lower Upper
77 100	
182 27.7	7.5 47.5
105 22.6	2.1 42.1
51 32.2	9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:188	Resp: 844672
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 8.9	6.7 10.1

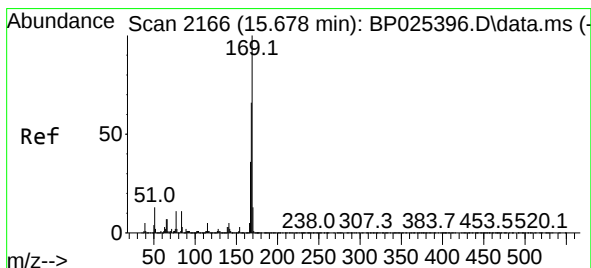
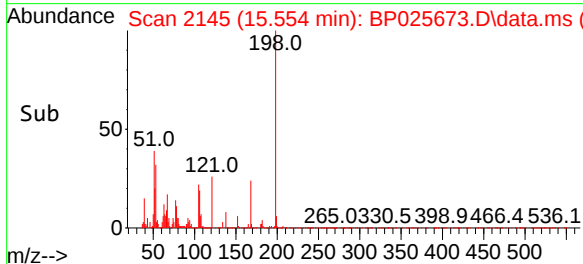
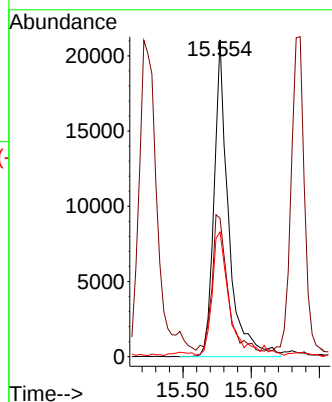
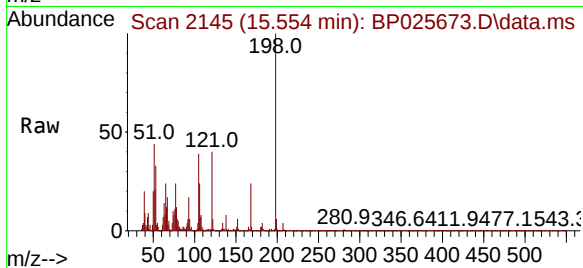




#65
4,6-Dinitro-2-methylphenol
Concen: 5.906 ng
RT: 15.554 min Scan# 2145
Delta R.T. 0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

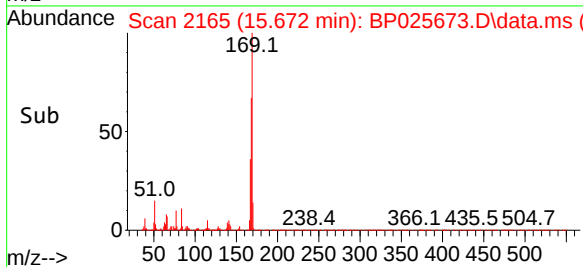
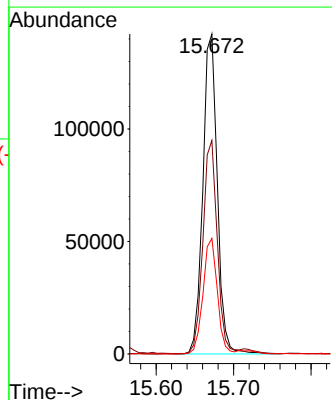
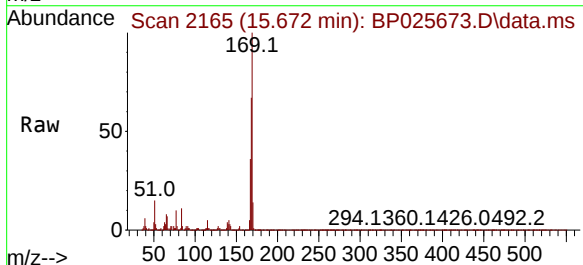
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

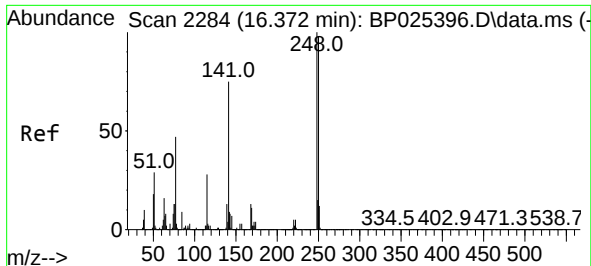
Tgt Ion:198 Resp: 31098
Ion Ratio Lower Upper
198 100
51 43.6 19.6 59.6
105 39.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 7.174 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:169 Resp: 184777
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.1 28.7 43.1

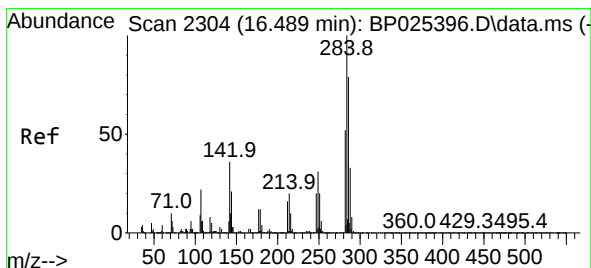
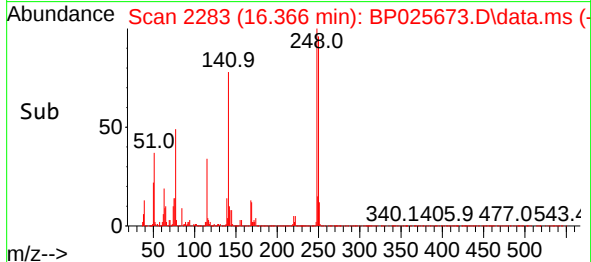
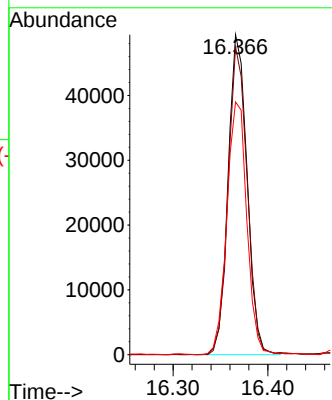
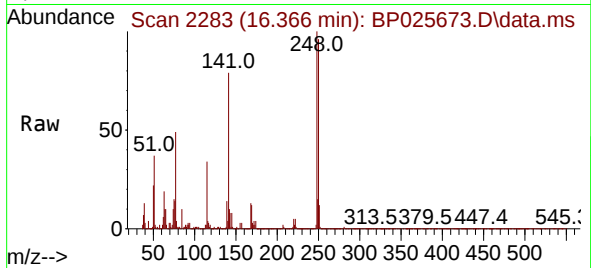




#67
4-Bromophenyl-phenylether
Concen: 7.412 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

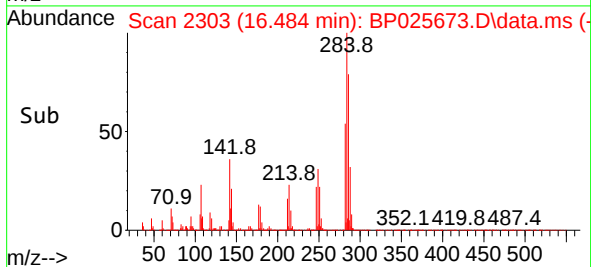
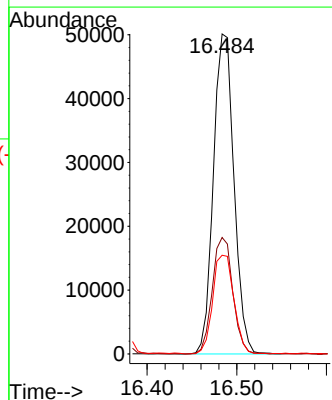
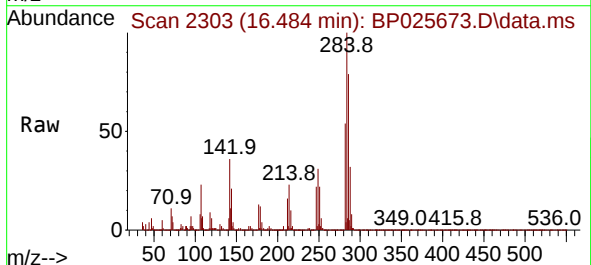
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

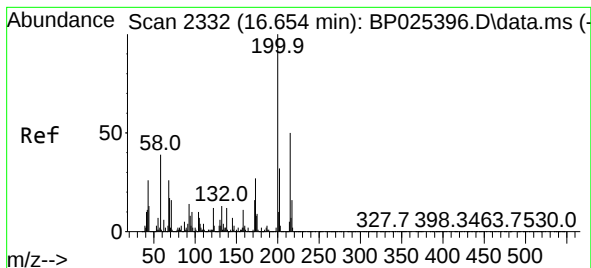
Tgt Ion:248 Resp: 68853
Ion Ratio Lower Upper
248 100
250 96.2 78.2 117.2
141 79.0 59.6 89.4



#68
Hexachlorobenzene
Concen: 7.410 ng
RT: 16.484 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:284 Resp: 79793
Ion Ratio Lower Upper
284 100
142 36.4 29.1 43.7
249 30.8 25.0 37.4





#69

Atrazine

Concen: 7.132 ng

RT: 16.654 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

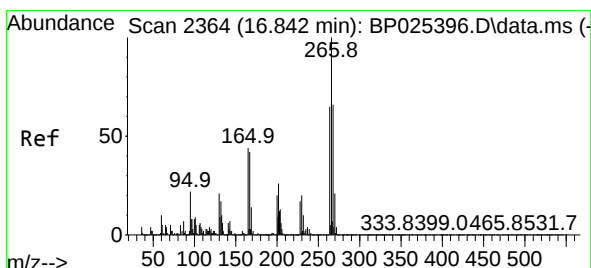
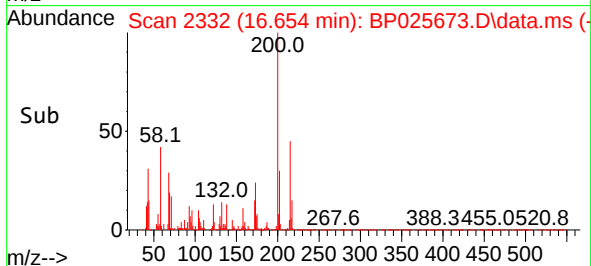
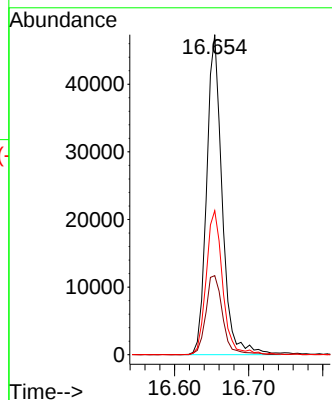
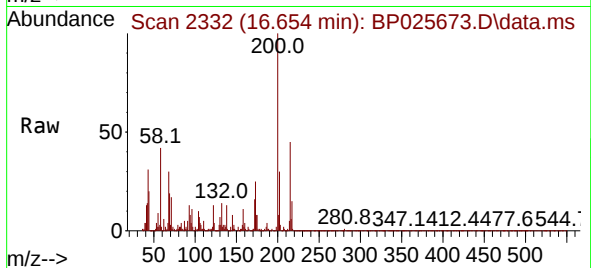
Tgt Ion:200 Resp: 68792

Ion Ratio Lower Upper

200 100

173 24.7 6.7 46.7

215 45.0 29.7 69.7



#70

Pentachlorophenol

Concen: 6.066 ng

RT: 16.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

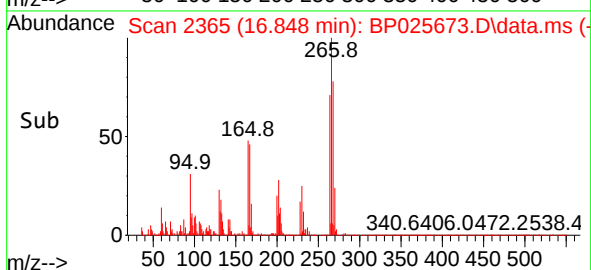
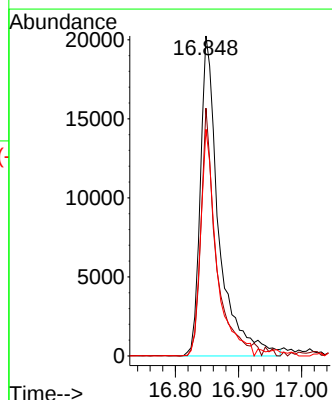
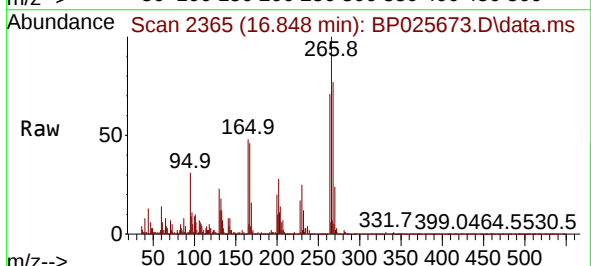
Tgt Ion:266 Resp: 41233

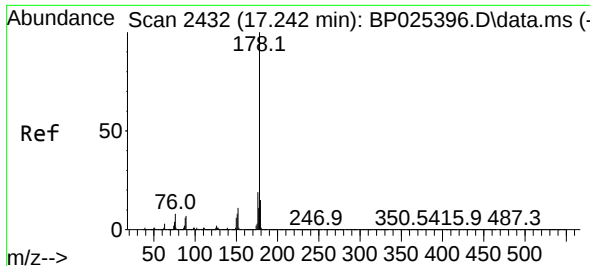
Ion Ratio Lower Upper

266 100

268 77.4 52.6 79.0

264 70.9 52.0 78.0

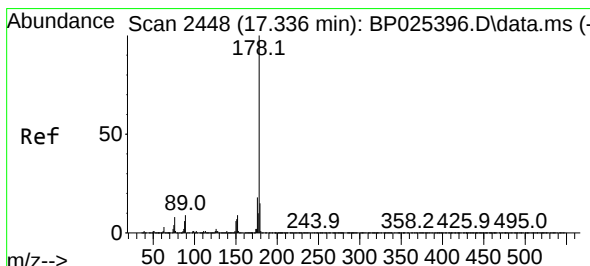
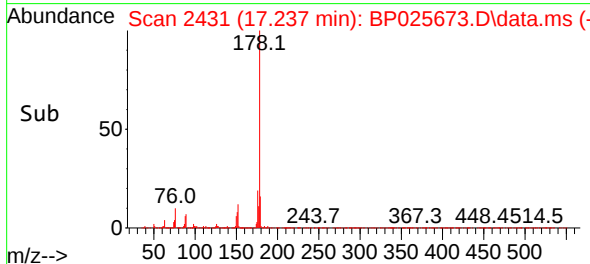
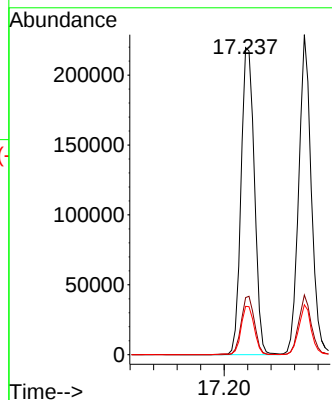
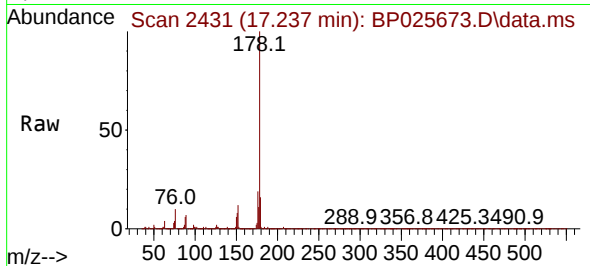




#71
Phenanthrene
Concen: 7.449 ng
RT: 17.237 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

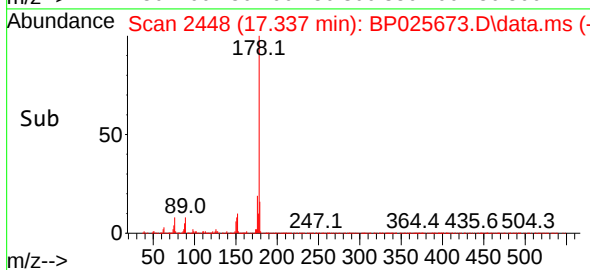
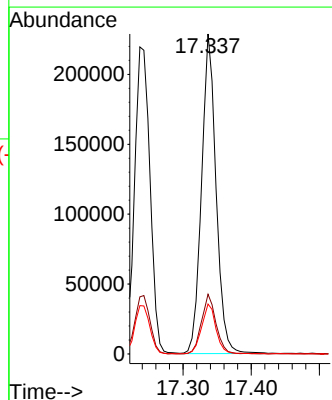
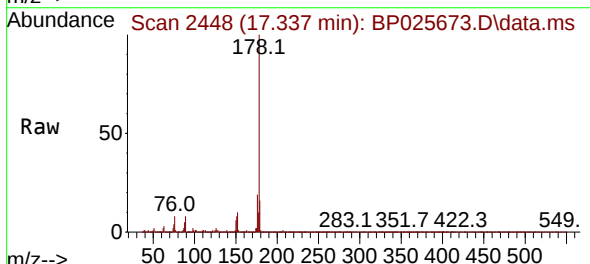
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

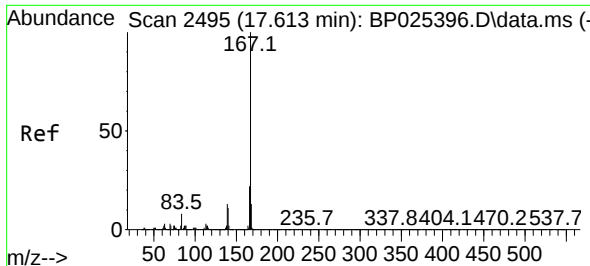
Tgt Ion:178 Resp: 345629
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 7.155 ng
RT: 17.337 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:178 Resp: 339056
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.2

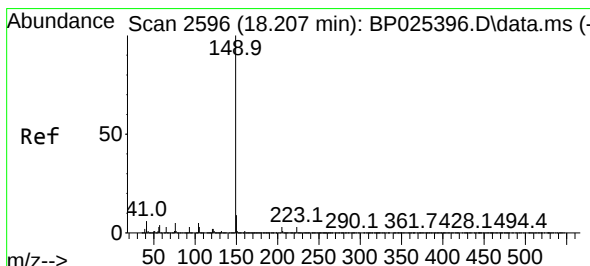
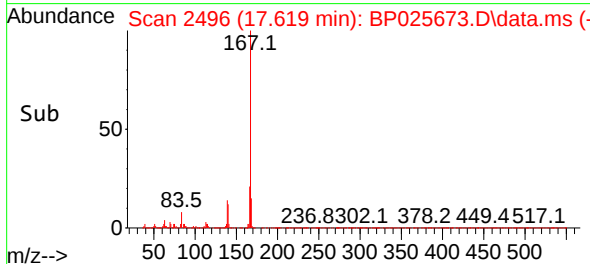
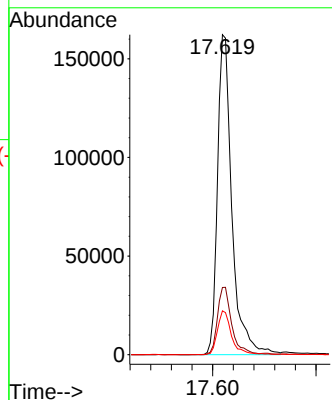
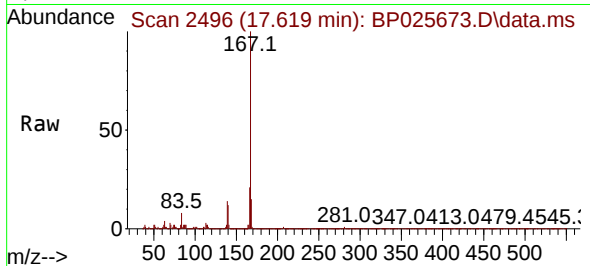




#73
 Carbazole
 Concen: 7.022 ng
 RT: 17.619 min Scan# 2495
 Delta R.T. 0.006 min
 Lab File: BP025673.D
 Acq: 05 Sep 2025 11:21

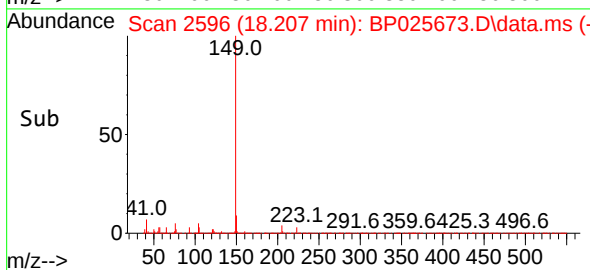
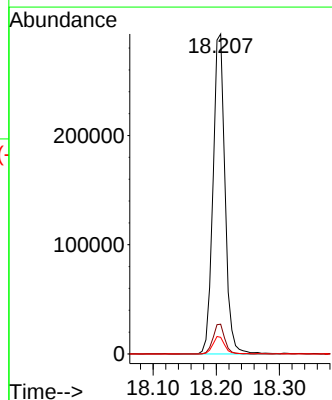
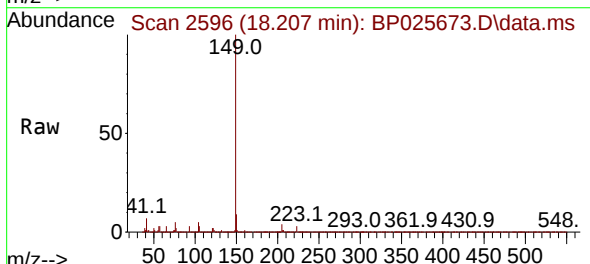
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

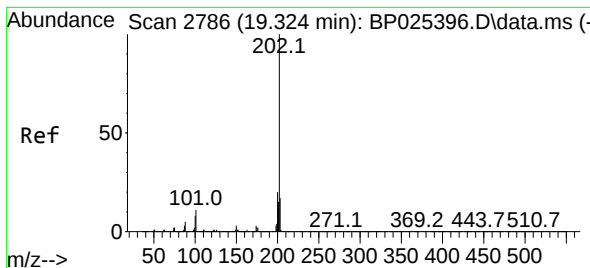
Tgt Ion:167 Resp: 313428
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.5 26.3
 139 13.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 7.031 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. 0.000 min
 Lab File: BP025673.D
 Acq: 05 Sep 2025 11:21

Tgt Ion:149 Resp: 386062
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 7.072 ng

RT: 19.331 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

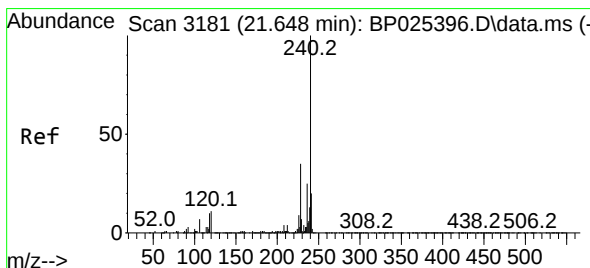
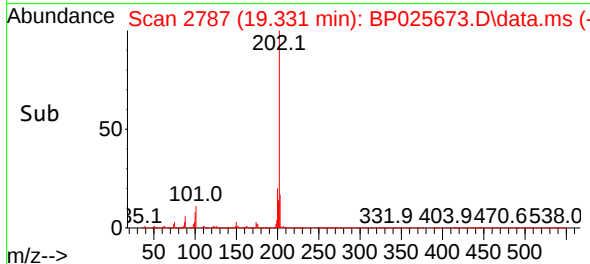
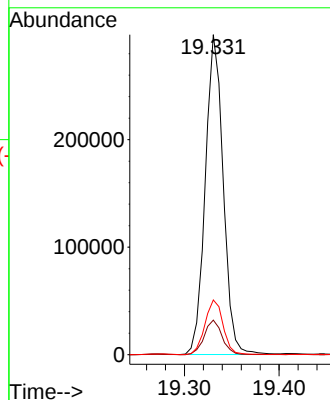
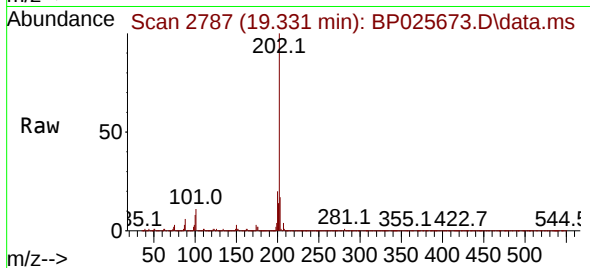
Tgt Ion:202 Resp: 391411

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

203 17.1 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

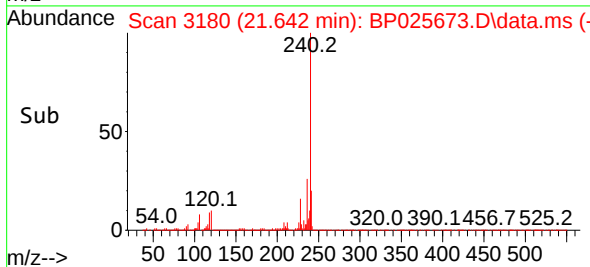
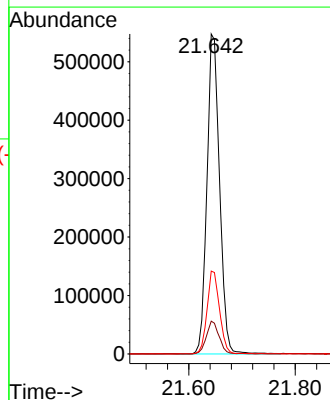
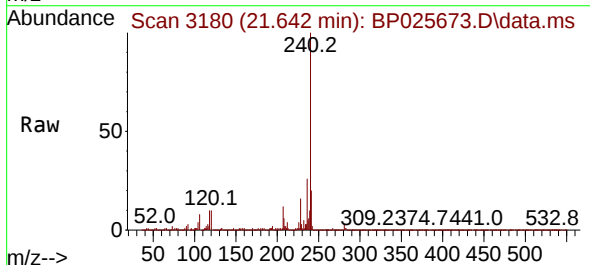
Tgt Ion:240 Resp: 902070

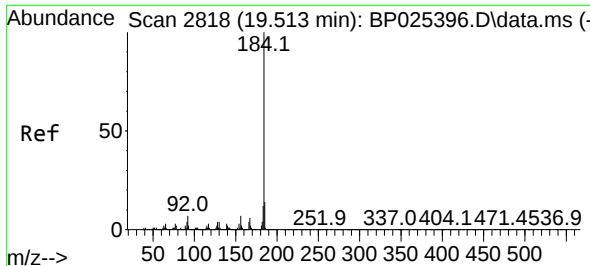
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.9 19.8 29.8

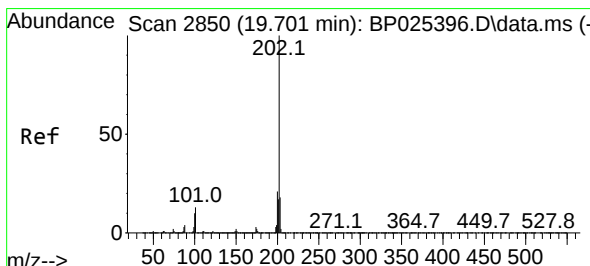
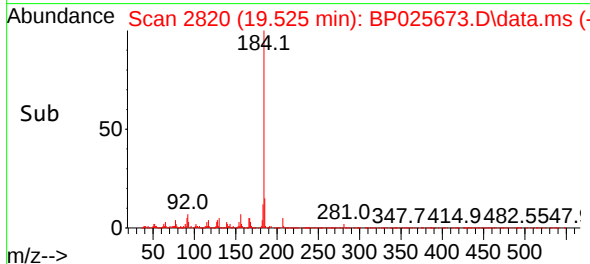
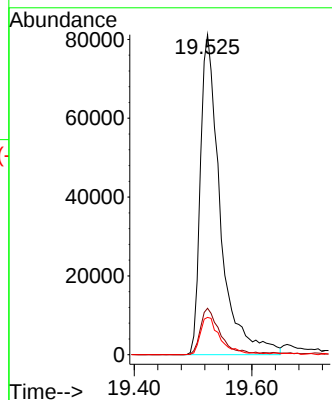
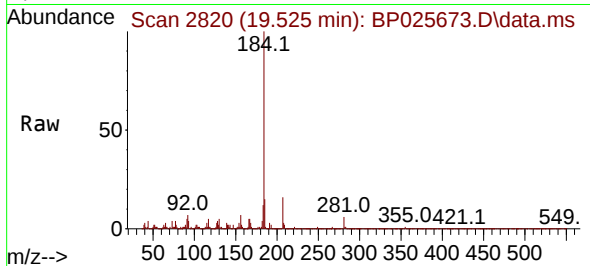




#77
Benzidine
Concen: 6.206 ng
RT: 19.525 min Scan# 2818
Delta R.T. 0.012 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

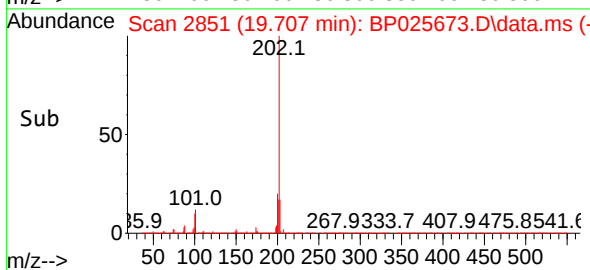
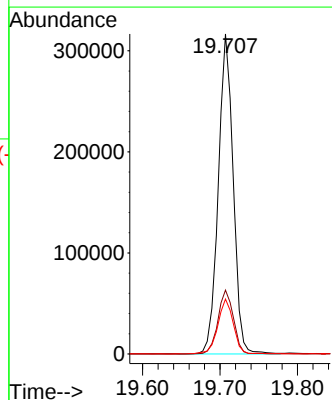
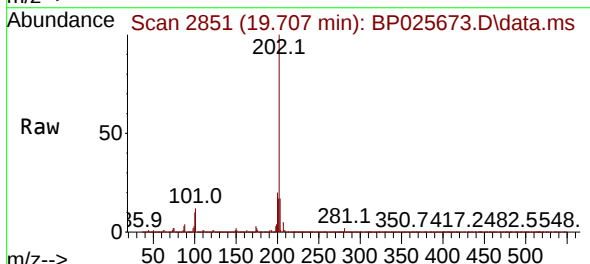
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

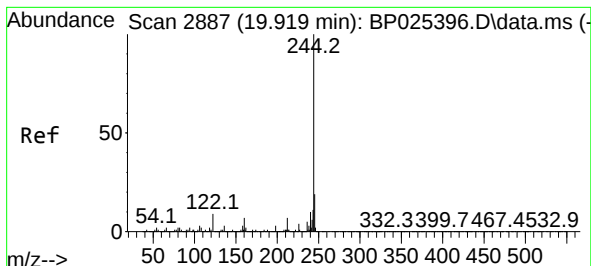
Tgt Ion:	184	Resp:	191051
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.5	17.3
183	11.7	9.4	14.2



#78
Pyrene
Concen: 7.206 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:	202	Resp:	422486
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.9	25.3
203	17.1	14.2	21.2





#79

Terphenyl-d14

Concen: 75.526 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

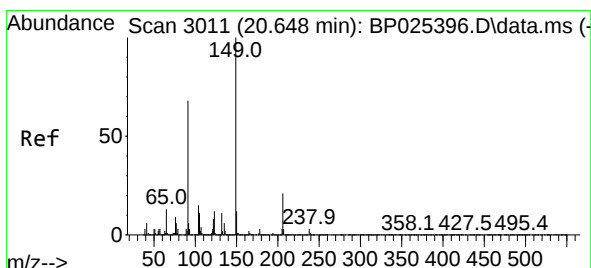
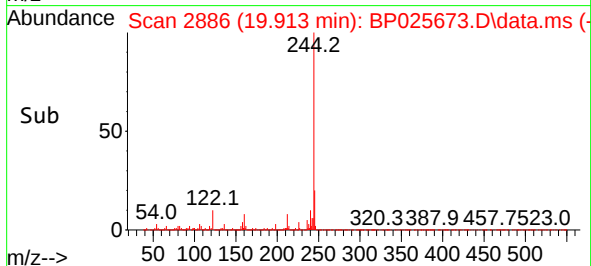
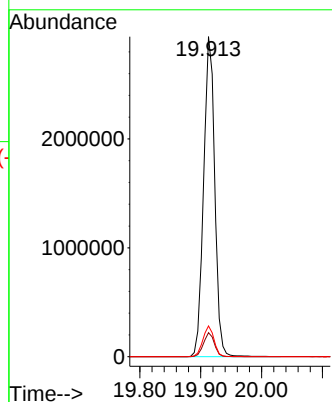
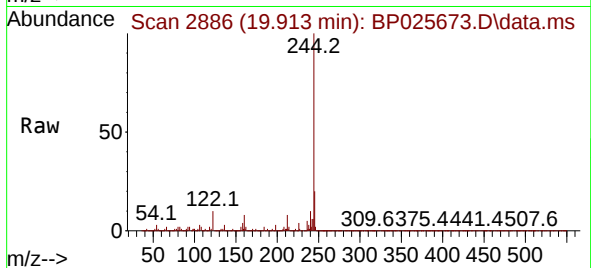
Tgt Ion:244 Resp: 3723817

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.6 7.4 11.2



#80

Butylbenzylphthalate

Concen: 6.673 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

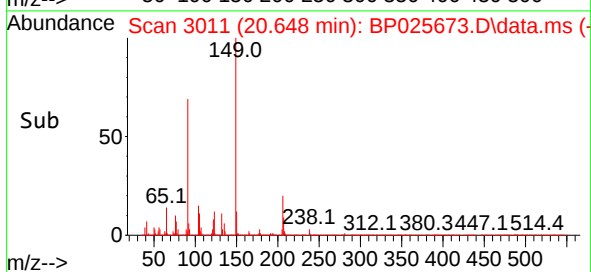
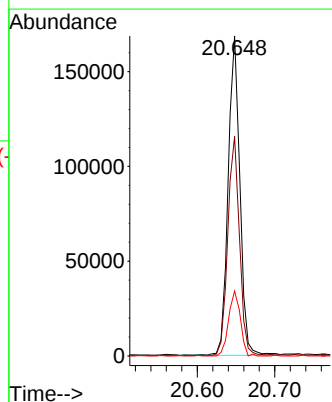
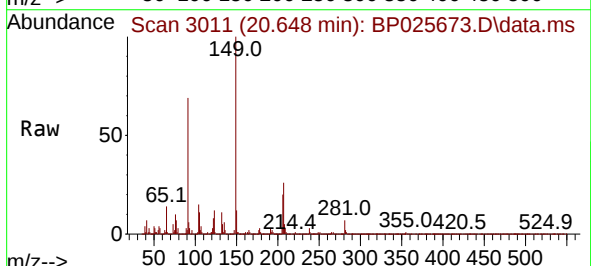
Tgt Ion:149 Resp: 177322

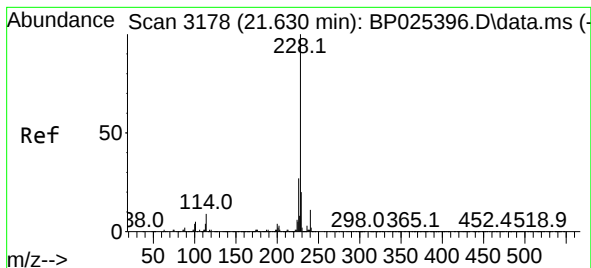
Ion Ratio Lower Upper

149 100

91 68.6 54.2 81.2

206 20.3 16.6 24.8





#81

Benzo(a)anthracene

Concen: 7.075 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

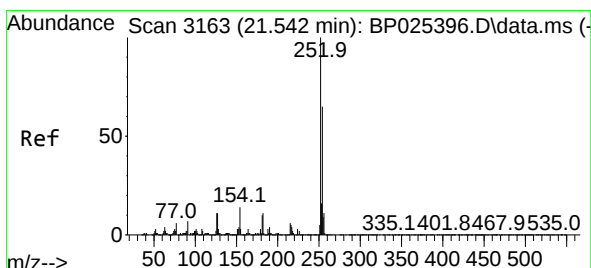
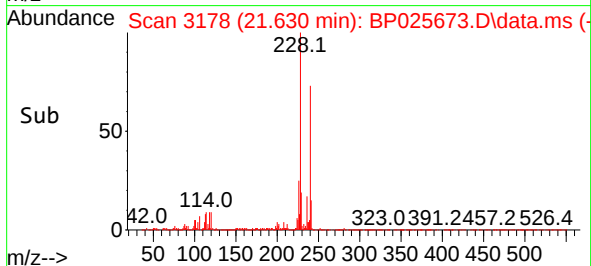
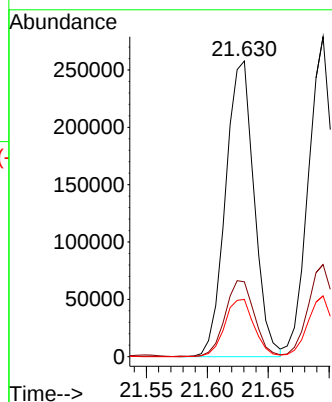
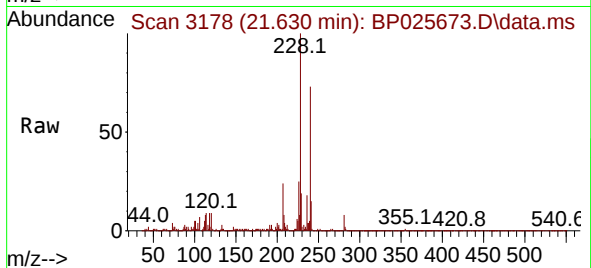
Tgt Ion:228 Resp: 420903

Ion Ratio Lower Upper

228 100

226 25.3 21.7 32.5

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 6.504 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

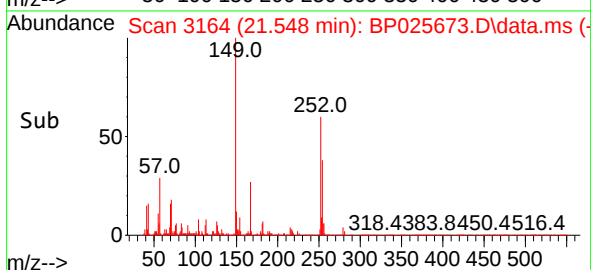
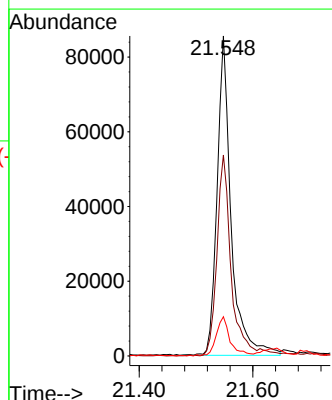
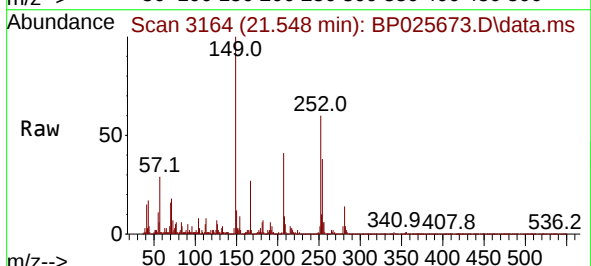
Tgt Ion:252 Resp: 145850

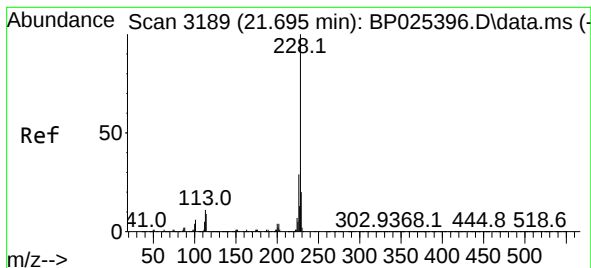
Ion Ratio Lower Upper

252 100

254 62.8 51.8 77.6

126 12.3 9.1 13.7





#83

Chrysene

Concen: 7.265 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

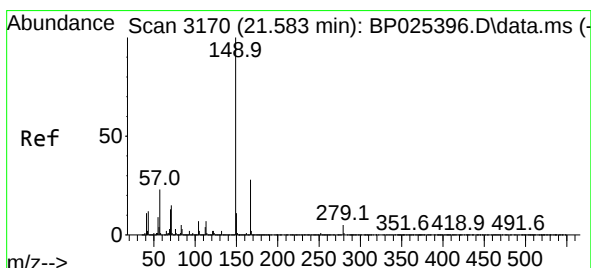
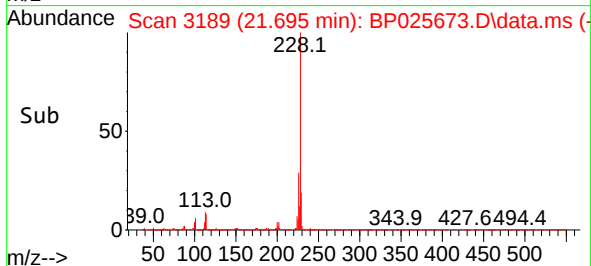
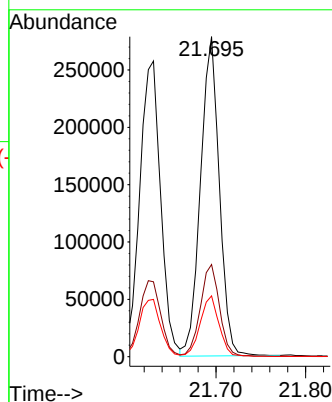
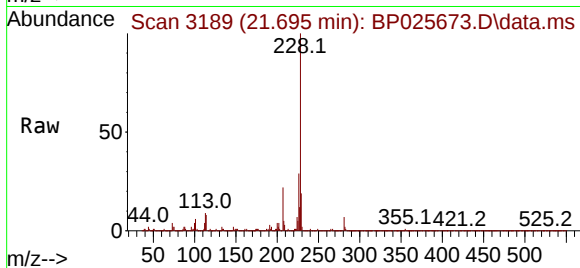
Tgt Ion:228 Resp: 404772

Ion Ratio Lower Upper

228 100

226 28.8 23.2 34.8

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.628 ng

RT: 21.554 min Scan# 3165

Delta R.T. -0.029 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

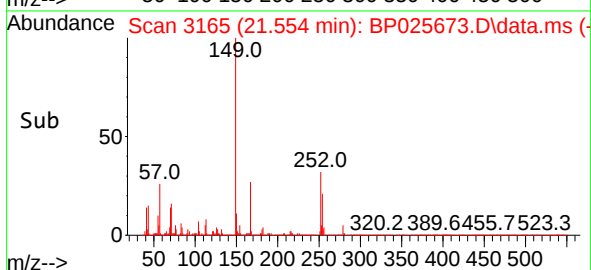
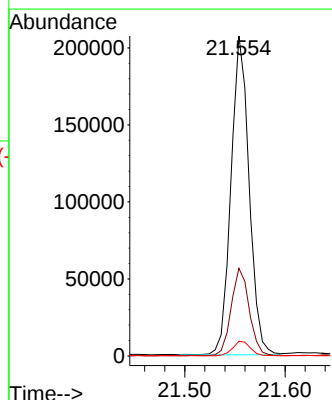
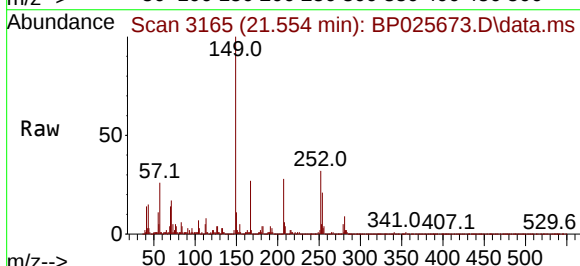
Tgt Ion:149 Resp: 259278

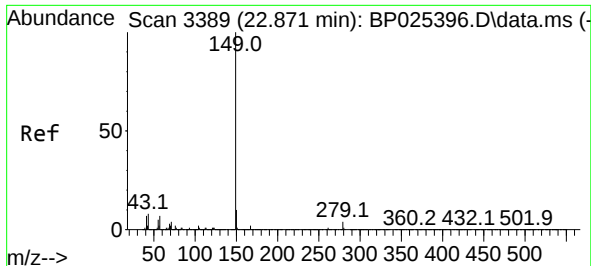
Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

279 4.6 3.8 5.6

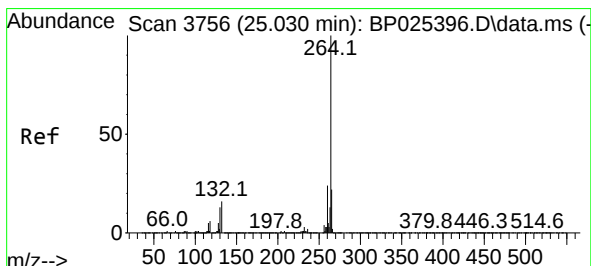
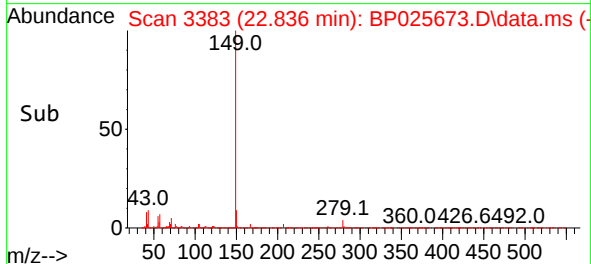
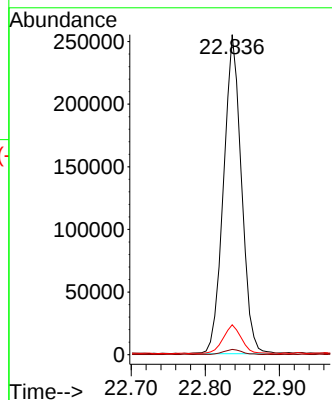
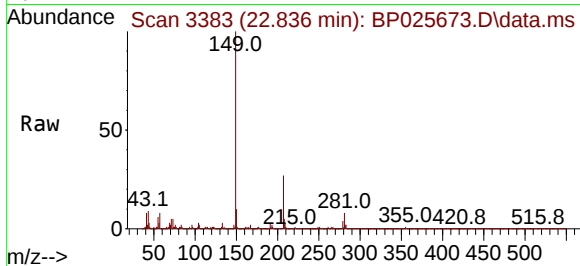




#85
Di-n-octyl phthalate
Concen: 6.350 ng
RT: 22.836 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

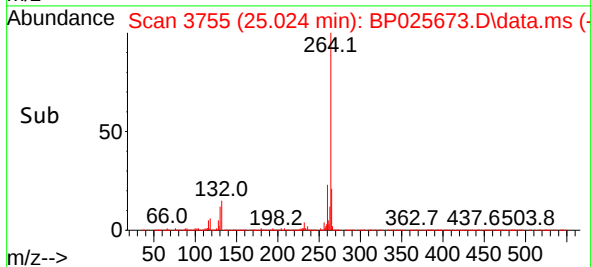
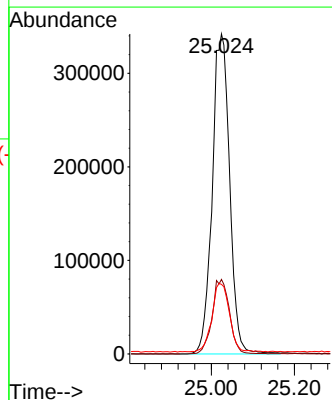
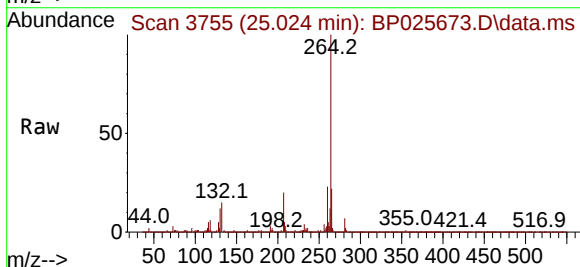
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

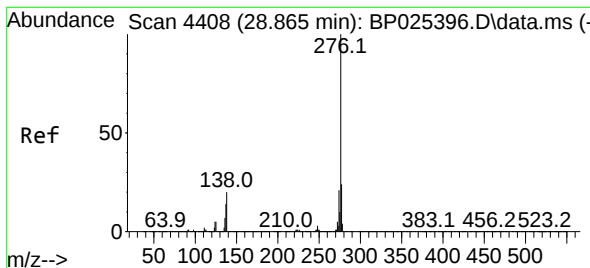
Tgt Ion:149 Resp: 427252
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.1 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3755
Delta R.T. -0.006 min
Lab File: BP025673.D
Acq: 05 Sep 2025 11:21

Tgt Ion:264 Resp: 992930
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.764 ng

RT: 28.842 min Scan# 4408

Delta R.T. -0.023 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

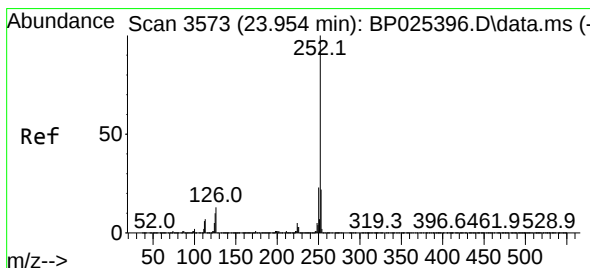
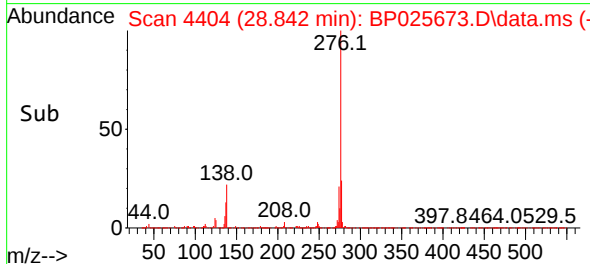
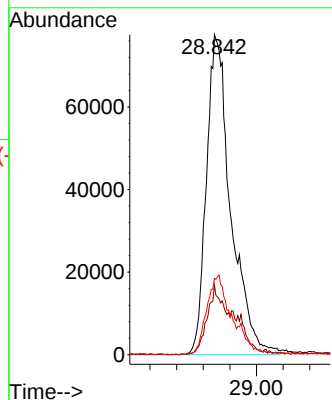
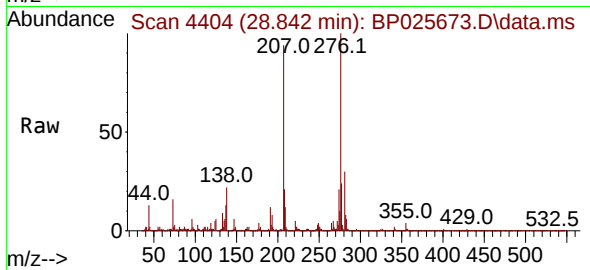
Tgt Ion:276 Resp: 492541

Ion Ratio Lower Upper

276 100

138 15.5 12.9 19.3

277 21.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 6.954 ng

RT: 23.942 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

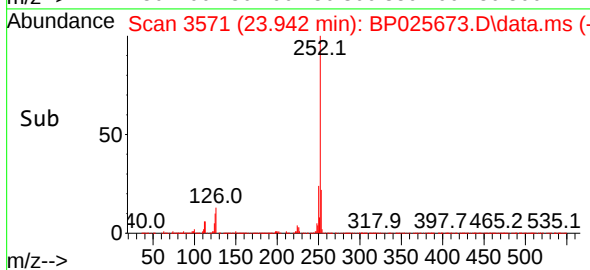
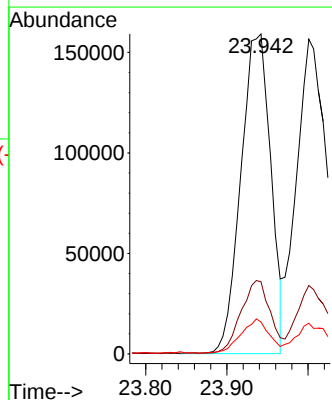
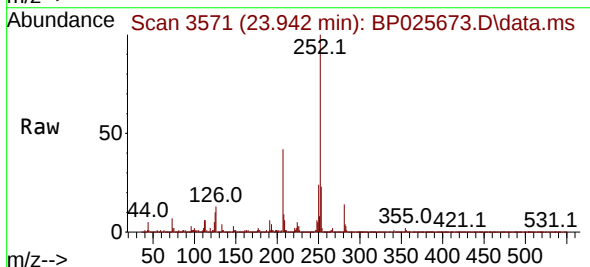
Tgt Ion:252 Resp: 407150

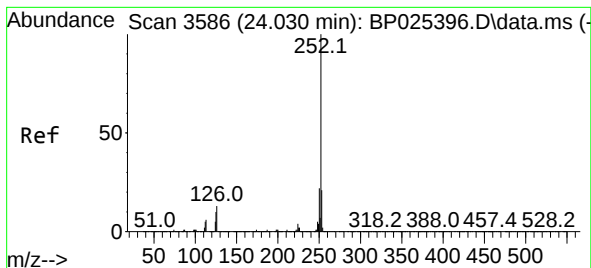
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 7.142 ng

RT: 24.001 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

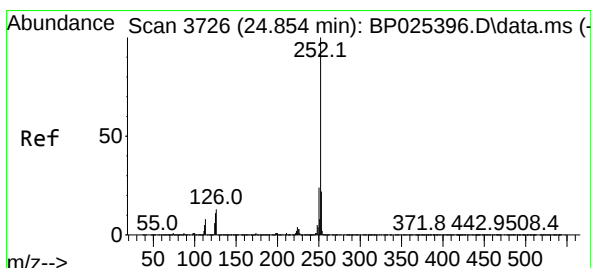
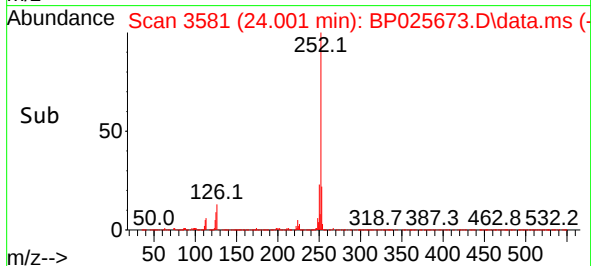
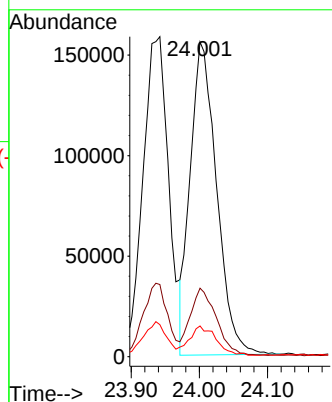
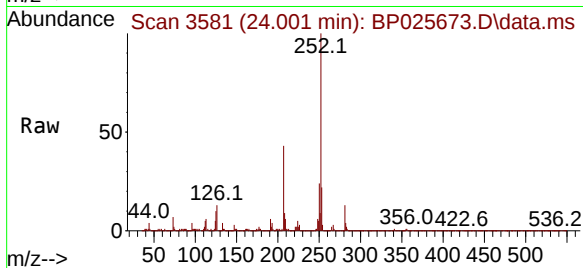
Tgt Ion:252 Resp: 418467

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 9.8 7.8 11.6



#90

Benzo(a)pyrene

Concen: 6.963 ng

RT: 24.854 min Scan# 3726

Delta R.T. 0.000 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

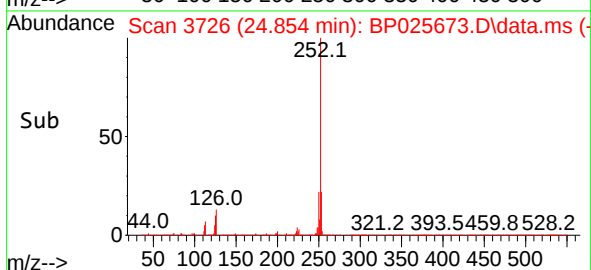
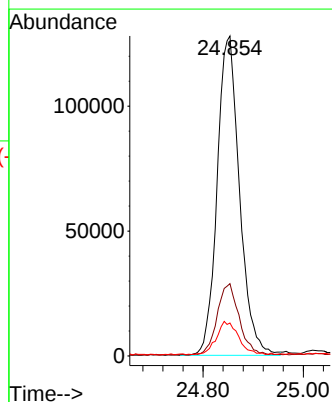
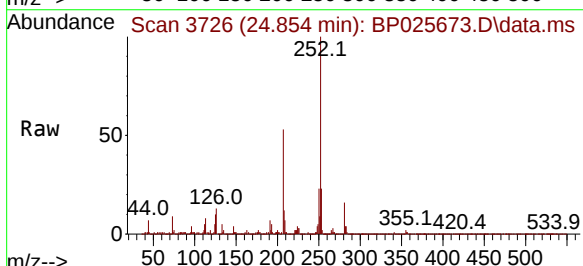
Tgt Ion:252 Resp: 396824

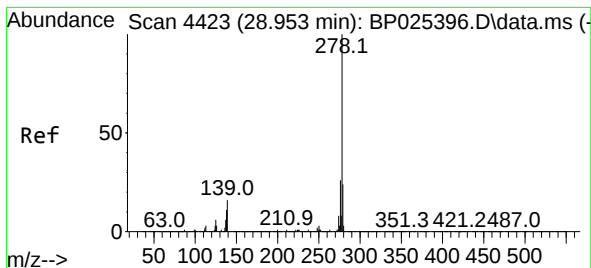
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 6.739 ng

RT: 28.936 min Scan# 4423

Delta R.T. -0.017 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

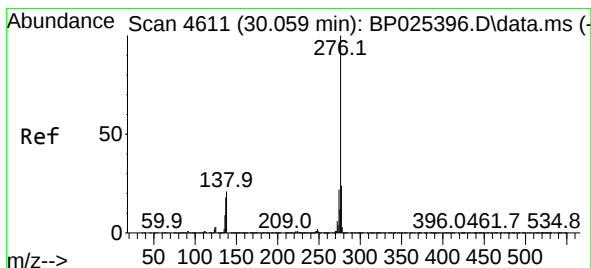
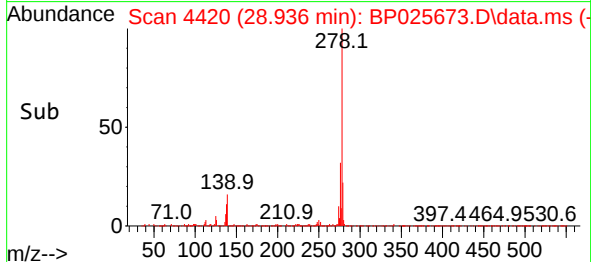
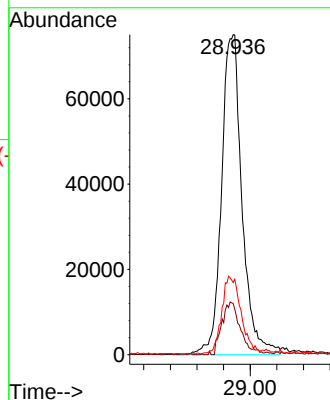
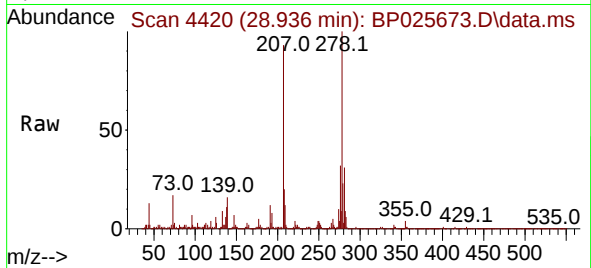
Tgt Ion:278 Resp: 401006

Ion Ratio Lower Upper

278 100

139 16.0 13.0 19.4

279 22.6 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 6.825 ng

RT: 30.030 min Scan# 4606

Delta R.T. -0.029 min

Lab File: BP025673.D

Acq: 05 Sep 2025 11:21

Tgt Ion:276 Resp: 399214

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 18.4 16.7 25.1

