

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025663.D
 Acq On : 04 Sep 2025 16:52
 Operator : CG/JU
 Sample : Q2893-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 04 17:49:07 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	133894	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	549961	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	369065	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	768738	20.000	ng	0.00
76) Chrysene-d12	21.648	240	875396	20.000	ng	0.00
86) Perylene-d12	25.030	264	943895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	912497	113.178	ng	-0.02
7) Phenol-d6	6.955	99	1180803	114.233	ng	-0.01
23) Nitrobenzene-d5	8.913	82	825034	75.887	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	608388	122.470	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1980265	73.331	ng	-0.02
79) Terphenyl-d14	19.924	244	3588103	74.991	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	12986	4.112	ng	98
3) Pyridine	3.725	79	29299	3.390	ng	94
4) n-Nitrosodimethylamine	3.625	42	13996	3.927	ng	# 83
6) Aniline	7.102	93	49051	3.522	ng	97
8) 2-Chlorophenol	7.343	128	33699	3.704	ng	89
9) Benzaldehyde	6.925	77	29367	4.055	ng	99
10) Phenol	6.984	94	39894	3.678	ng	83
11) bis(2-Chloroethyl)ether	7.196	93	32188	3.807	ng	95
12) 1,3-Dichlorobenzene	7.654	146	37544	3.742	ng	92
13) 1,4-Dichlorobenzene	7.802	146	38608	3.765	ng	98
14) 1,2-Dichlorobenzene	8.113	146	36267	3.654	ng	98
15) Benzyl Alcohol	8.013	79	25948	3.159	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	43934	3.879	ng	96
17) 2-Methylphenol	8.213	107	24348	3.232	ng	96
18) Hexachloroethane	8.837	117	14136	3.749	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	24170	3.530	ng	95
20) 3+4-Methylphenols	8.549	107	31221	2.990	ng	95
22) Acetophenone	8.584	105	50781	3.682	ng	# 93
24) Nitrobenzene	8.954	77	39113	4.025	ng	95
25) Isophorone	9.472	82	65883	3.424	ng	96
26) 2-Nitrophenol	9.660	139	15716	3.152	ng	95
27) 2,4-Dimethylphenol	9.737	122	27029	3.152	ng	96
28) bis(2-Chloroethoxy)met...	9.954	93	40157	3.453	ng	97
29) 2,4-Dichlorophenol	10.231	162	24302	2.853	ng	95
30) 1,2,4-Trichlorobenzene	10.401	180	33123	3.547	ng	99
31) Naphthalene	10.590	128	105212	3.681	ng	99
33) 4-Chloroaniline	10.707	127	33968	2.690	ng	94
34) Hexachlorobutadiene	10.878	225	21868	3.760	ng	98
35) Caprolactam	11.484	113	9589	3.070	ng	99
36) 4-Chloro-3-methylphenol	11.848	107	31245	3.196	ng	96
37) 2-Methylnaphthalene	12.201	142	63986	3.440	ng	96
38) 1-Methylnaphthalene	12.201	142	63986	3.234	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	38710	3.632	ng	98
43) 2,4,6-Trichlorophenol	12.825	196	22644	3.147	ng	98
44) 2,4,5-Trichlorophenol	12.913	196	25197	3.195	ng	97
46) 1,1'-Biphenyl	13.213	154	97608	3.642	ng	98

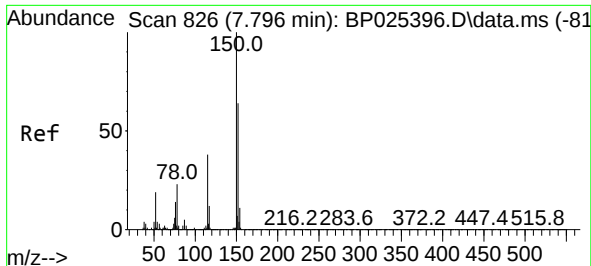
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.260	162	75755	3.630	ng	99
48) 2-Nitroaniline	13.472	65	19642	3.231	ng	92
49) Acenaphthylene	14.119	152	120472	3.489	ng	97
50) Dimethylphthalate	13.848	163	100906	3.734	ng	99
51) 2,6-Dinitrotoluene	13.966	165	19922	3.497	ng	# 90
52) Acenaphthene	14.460	154	71623	3.534	ng	96
53) 3-Nitroaniline	14.313	138	18547	2.894	ng	94
55) Dibenzofuran	14.801	168	119160	3.719	ng	96
57) 2,4-Dinitrotoluene	14.772	165	24758	3.046	ng	# 86
58) Fluorene	15.460	166	97613	3.861	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.036	232	24288	3.488	ng	99
60) Diethylphthalate	15.231	149	105923	3.857	ng	98
61) 4-Chlorophenyl-phenyle...	15.460	204	48194	3.833	ng	95
63) Azobenzene	15.754	77	88904	3.781	ng	95
65) 4,6-Dinitro-2-methylph...	15.566	198	11556	2.412	ng	100
66) n-Nitrosodiphenylamine	15.672	169	80805	3.447	ng	97
67) 4-Bromophenyl-phenylether	16.366	248	30230	3.576	ng	97
68) Hexachlorobenzene	16.495	284	37020	3.777	ng	98
69) Atrazine	16.648	200	30865	3.516	ng	97
70) Pentachlorophenol	16.866	266	16480	2.664	ng	95
71) Phenanthrene	17.242	178	157728	3.735	ng	100
72) Anthracene	17.342	178	150586	3.492	ng	99
73) Carbazole	17.630	167	136788	3.368	ng	98
74) Di-n-butylphthalate	18.201	149	182426	3.650	ng	98
75) Fluoranthene	19.330	202	186404	3.701	ng	99
77) Benzidine	19.542	184	80776	2.704	ng	99
78) Pyrene	19.707	202	193343	3.398	ng	99
80) Butylbenzylphthalate	20.648	149	84031	3.259	ng	96
81) Benzo(a)anthracene	21.630	228	202771	3.512	ng	99
82) 3,3'-Dichlorobenzidine	21.560	252	65599	3.015	ng	98
83) Chrysene	21.695	228	200105	3.701	ng	100
84) Bis(2-ethylhexyl)phtha...	21.560	149	130667	3.442	ng	96
85) Di-n-octyl phthalate	22.848	149	220658	3.380	ng	# 95
88) Benzo(b)fluoranthene	23.965	252	197251	3.544	ng	100
89) Benzo(k)fluoranthene	24.030	252	200694	3.603	ng	99
90) Benzo(a)pyrene	24.877	252	189646	3.500	ng	99

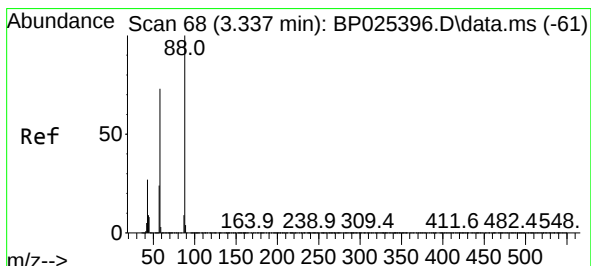
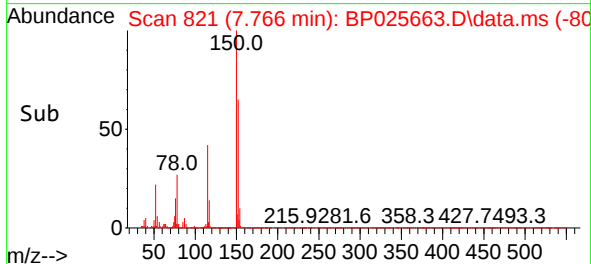
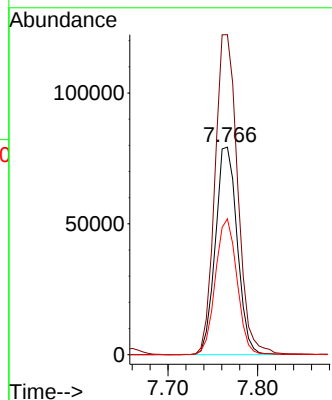
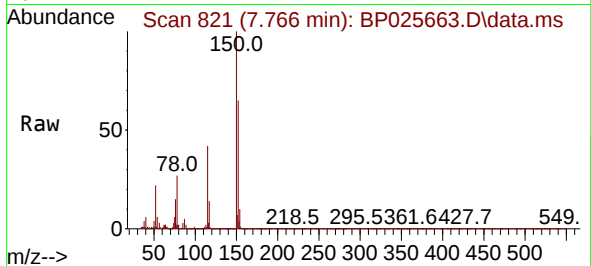
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.766 min Scan# 81
 Delta R.T. -0.030 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

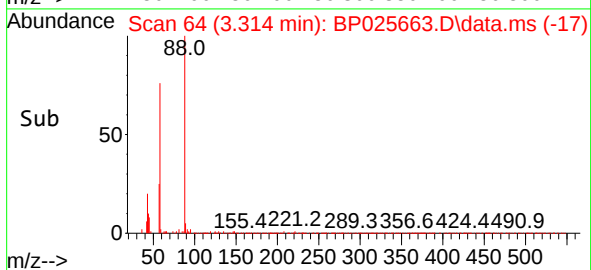
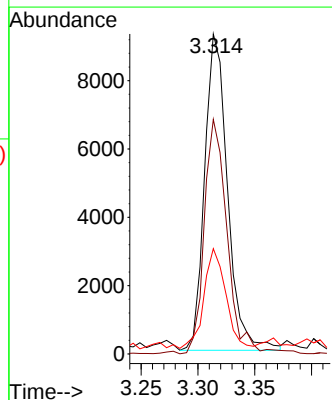
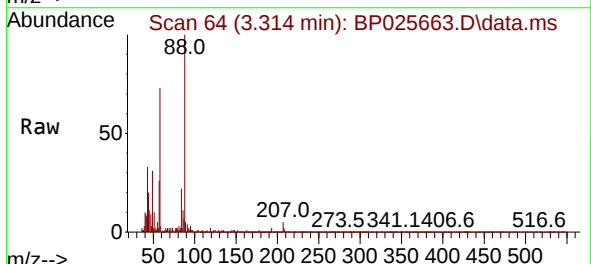
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:152 Resp: 133894
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.9 188.9
 115 65.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 4.112 ng
 RT: 3.314 min Scan# 64
 Delta R.T. -0.024 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

Tgt Ion: 88 Resp: 12986
 Ion Ratio Lower Upper
 88 100
 58 74.1 59.2 88.8
 43 31.0 21.7 32.5

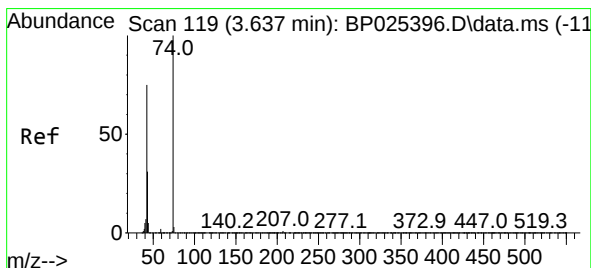
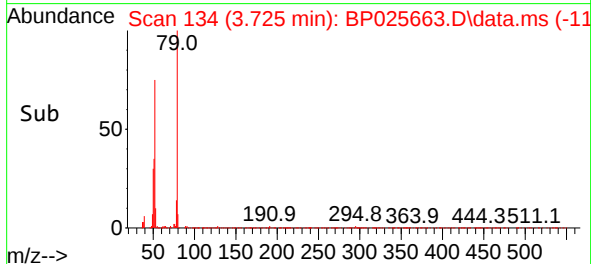
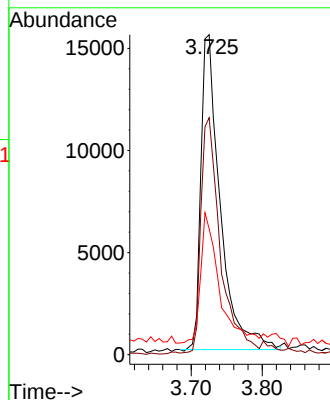
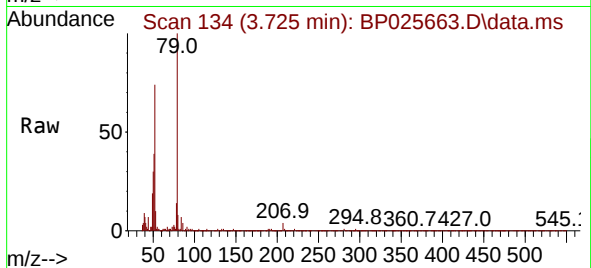




#3
Pyridine
Concen: 3.390 ng
RT: 3.725 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

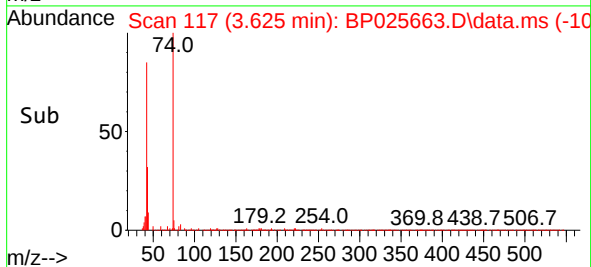
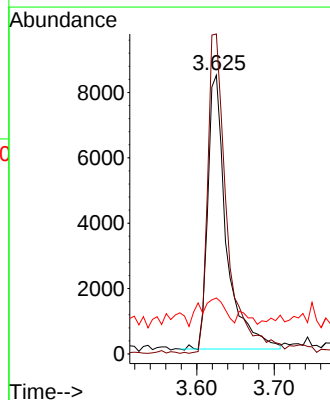
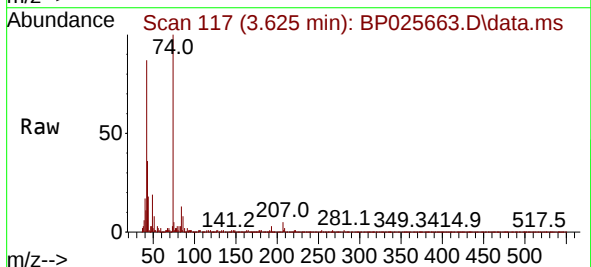
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

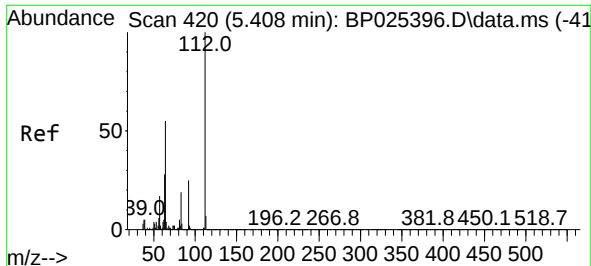
Tgt Ion:	79	Resp:	29299
Ion	Ratio	Lower	Upper
79	100		
52	74.0	55.5	83.3
51	39.3	28.3	42.5



#4
n-Nitrosodimethylamine
Concen: 3.927 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:	42	Resp:	13996
Ion	Ratio	Lower	Upper
42	100		
74	114.8	107.0	160.4
44	20.1	6.2	9.4

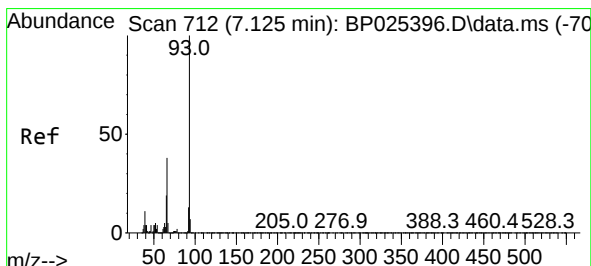
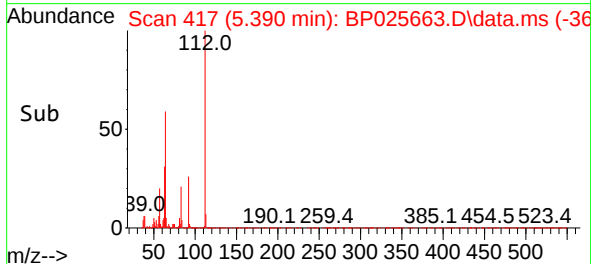
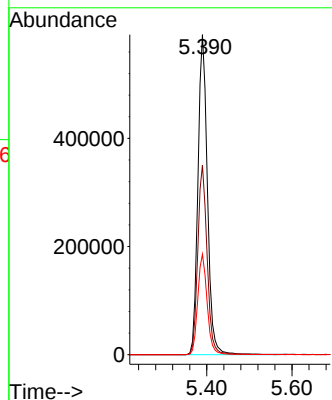
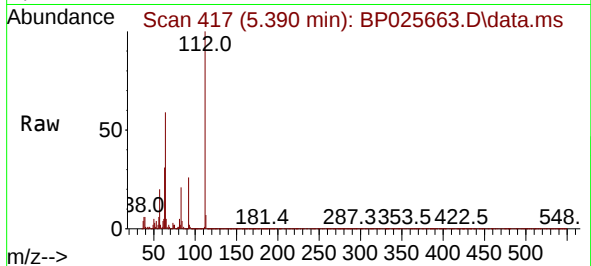




#5
2-Fluorophenol
Concen: 113.178 ng
RT: 5.390 min Scan# 41
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

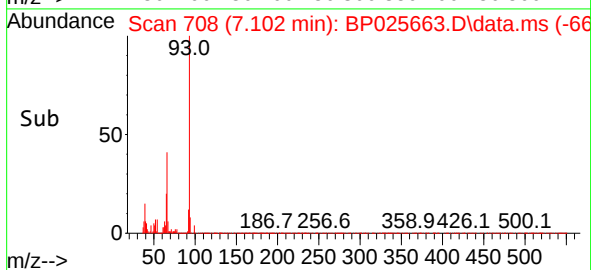
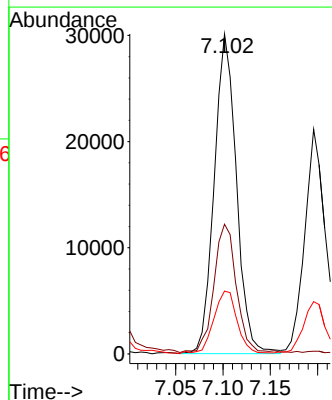
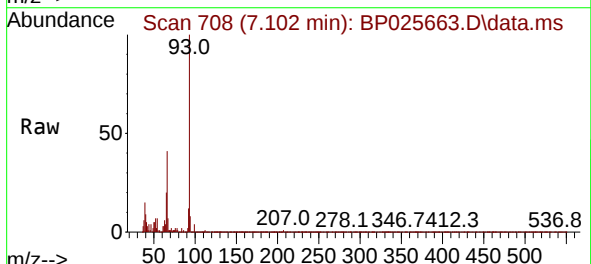
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

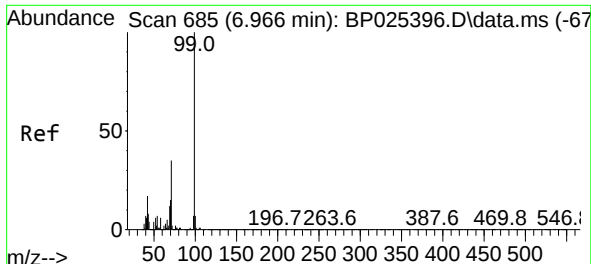
Tgt Ion:112 Resp: 912497
Ion Ratio Lower Upper
112 100
64 59.2 43.8 65.8
63 31.4 22.7 34.1



#6
Aniline
Concen: 3.522 ng
RT: 7.102 min Scan# 708
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 93 Resp: 49051
Ion Ratio Lower Upper
93 100
66 40.5 30.4 45.6
65 19.6 15.3 22.9

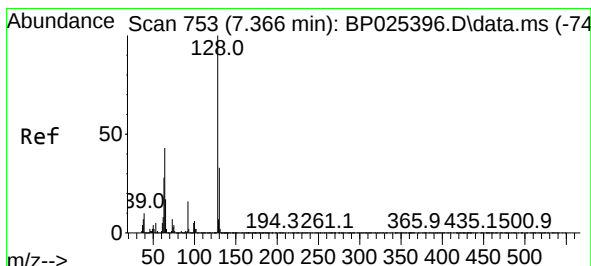
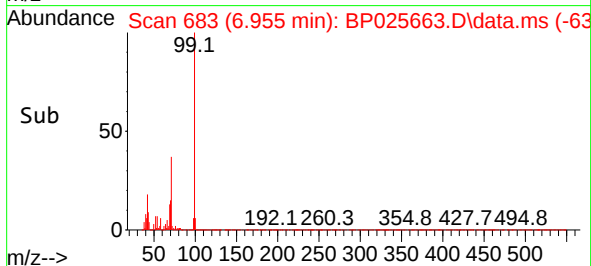
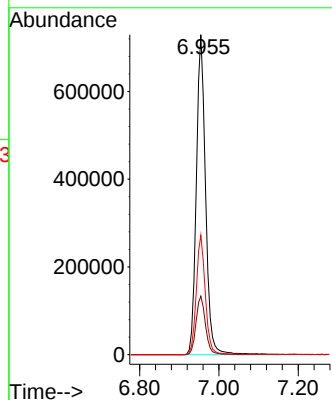
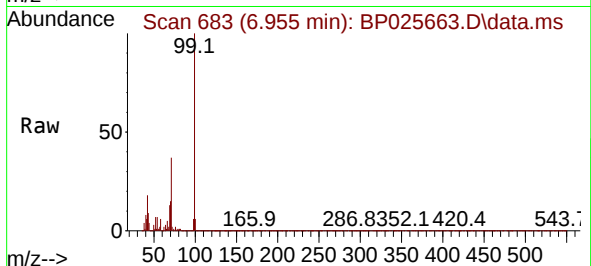




#7
Phenol-d6
Concen: 114.233 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

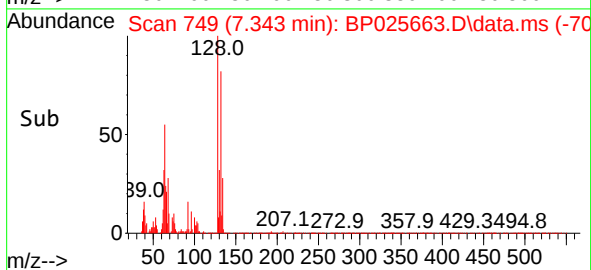
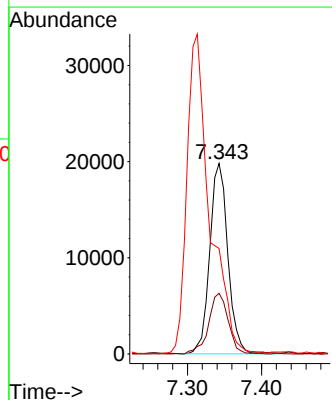
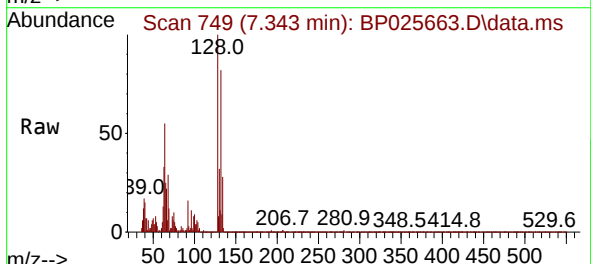
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LOD-MDL-SOIL-01-QT3-2025

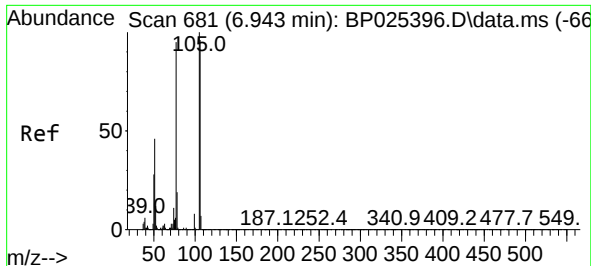
Tgt Ion: 99 Resp: 1180803
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 37.3 28.2 42.4



#8
2-Chlorophenol
Concen: 3.704 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 128 Resp: 33699
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 55.3 23.4 63.4

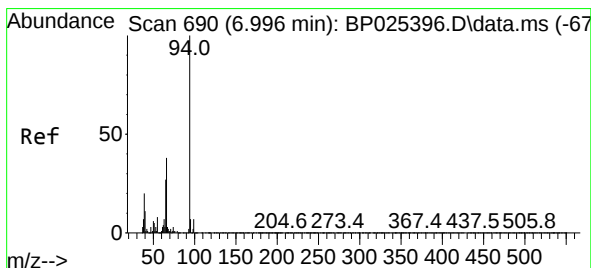
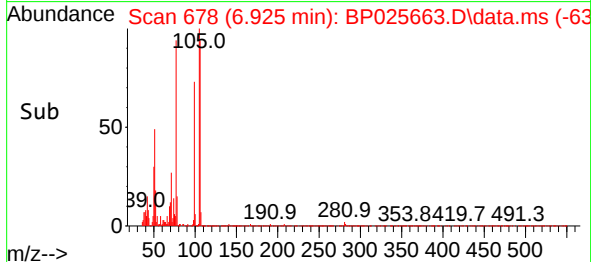
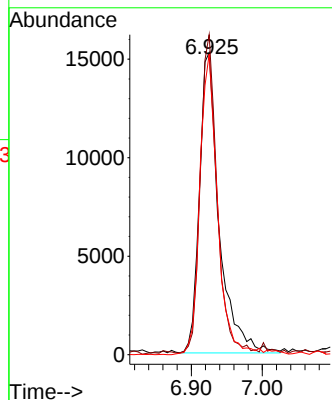
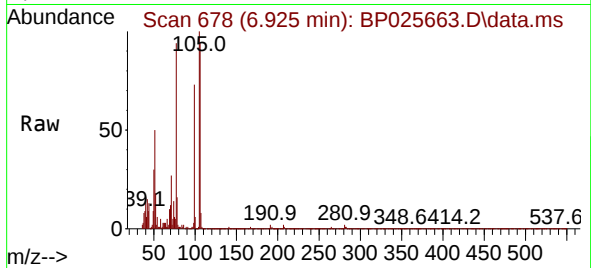




#9
Benzaldehyde
Concen: 4.055 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

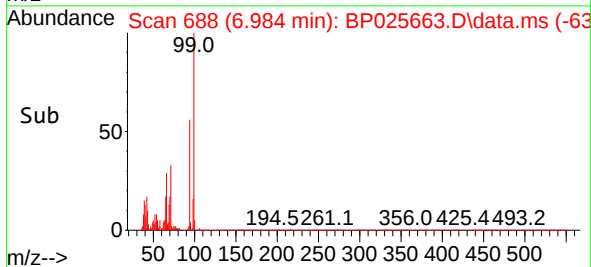
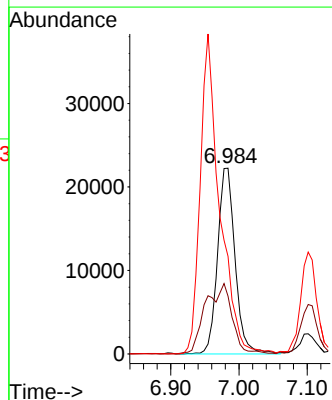
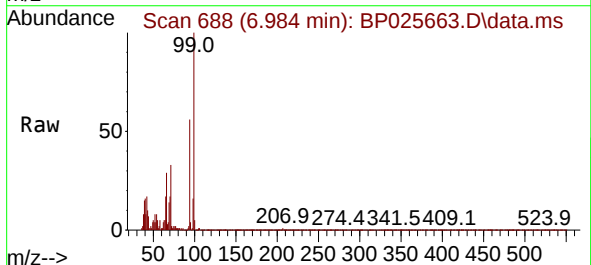
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

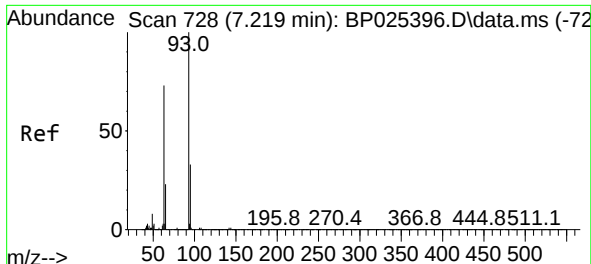
Tgt Ion: 77 Resp: 29367
Ion Ratio Lower Upper
77 100
105 105.9 84.8 124.8
106 99.5 80.5 120.5



#10
Phenol
Concen: 3.678 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 94 Resp: 39894
Ion Ratio Lower Upper
94 100
65 31.1 6.8 46.8
66 52.5 18.2 58.2

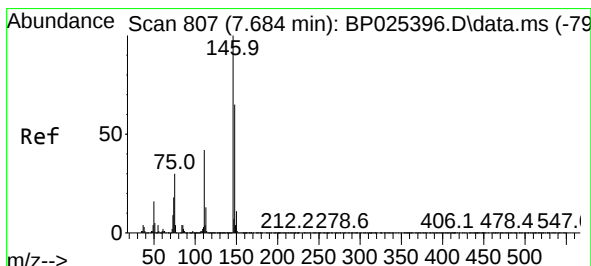
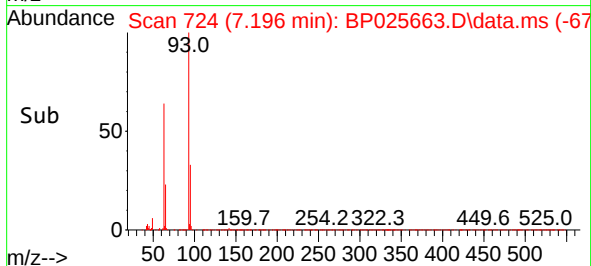
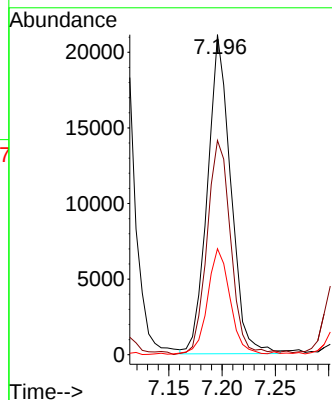
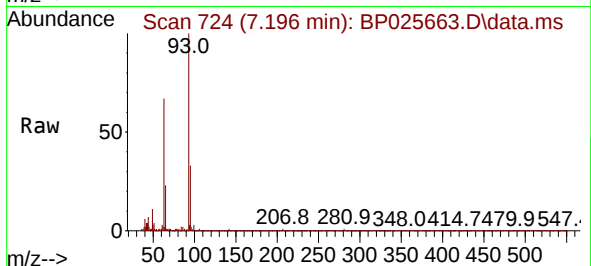




#11
 bis(2-Chloroethyl)ether
 Concen: 3.807 ng
 RT: 7.196 min Scan# 71
 Delta R.T. -0.024 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

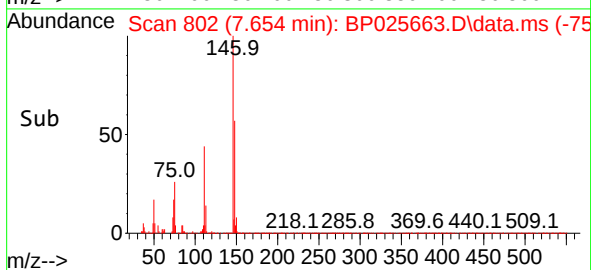
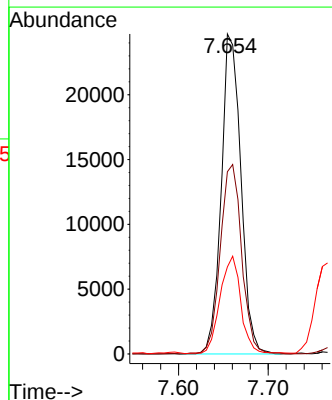
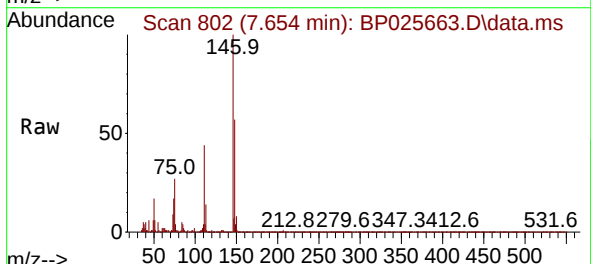
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

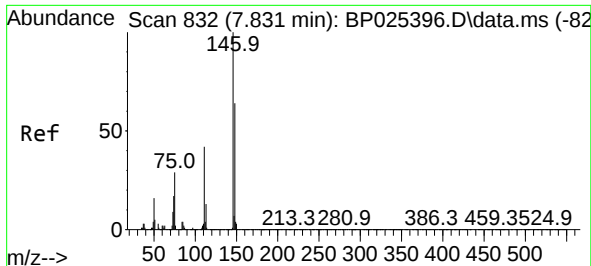
Tgt Ion: 93 Resp: 32188
 Ion Ratio Lower Upper
 93 100
 63 67.0 52.6 92.6
 95 33.1 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 3.742 ng
 RT: 7.654 min Scan# 802
 Delta R.T. -0.029 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

Tgt Ion: 146 Resp: 37544
 Ion Ratio Lower Upper
 146 100
 148 56.9 51.9 77.9
 75 27.2 23.7 35.5

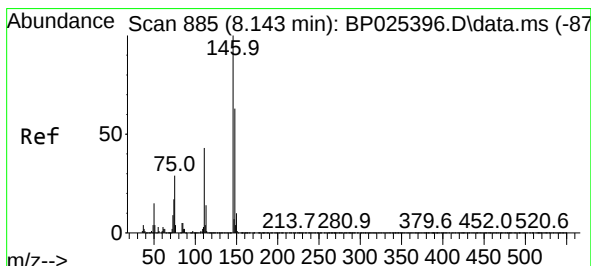
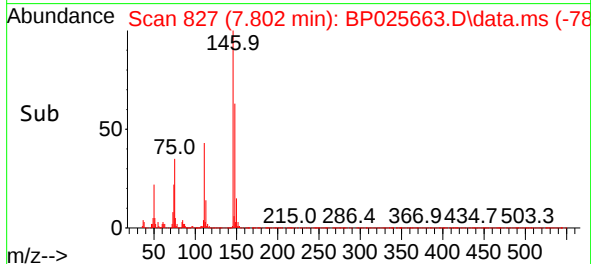
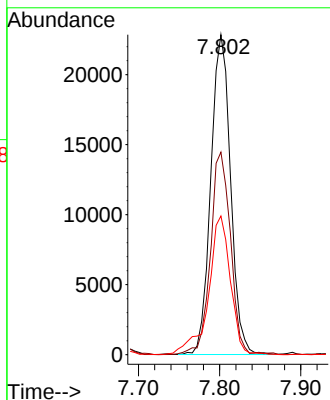
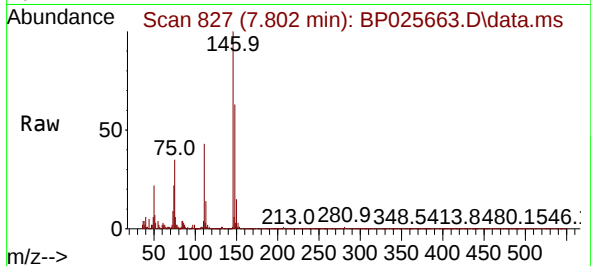




#13
1,4-Dichlorobenzene
Concen: 3.765 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

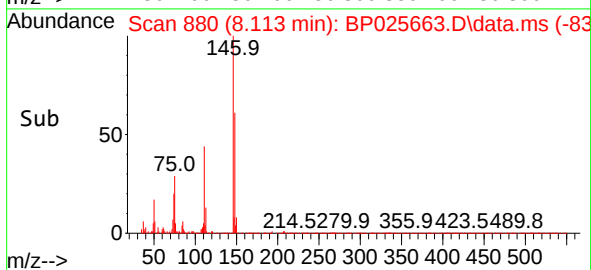
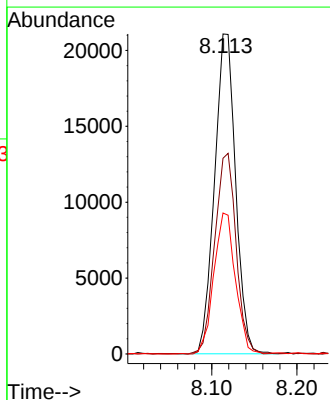
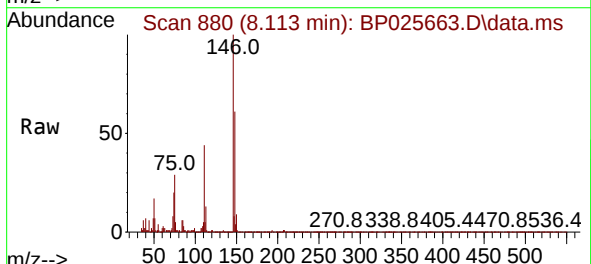
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

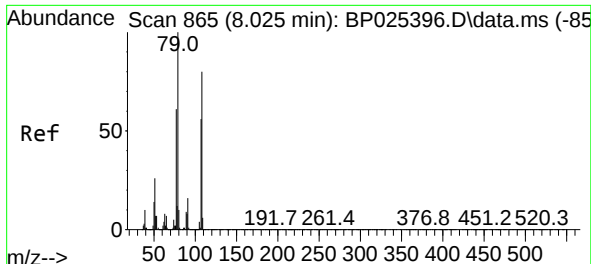
Tgt Ion:146 Resp: 38608
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 43.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 3.654 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:146 Resp: 36267
Ion Ratio Lower Upper
146 100
148 61.1 50.4 75.6
111 44.0 34.5 51.7

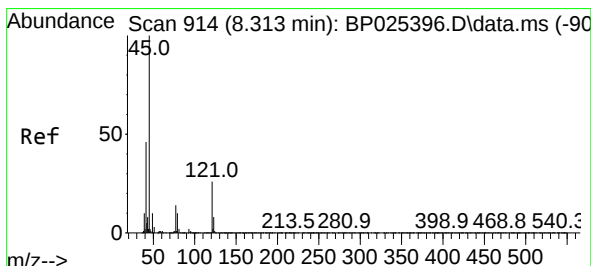
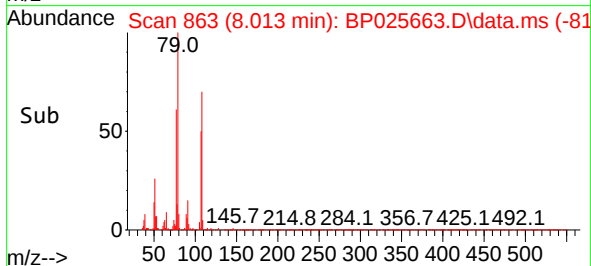
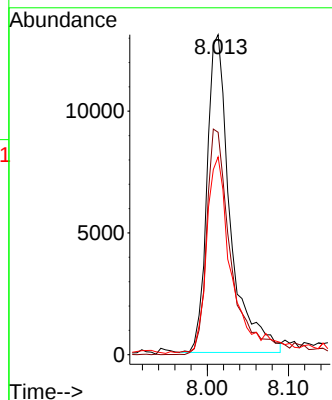
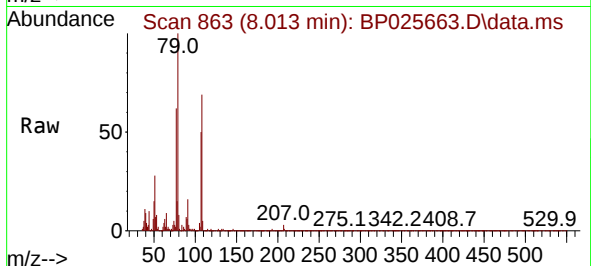




#15
Benzyl Alcohol
Concen: 3.159 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

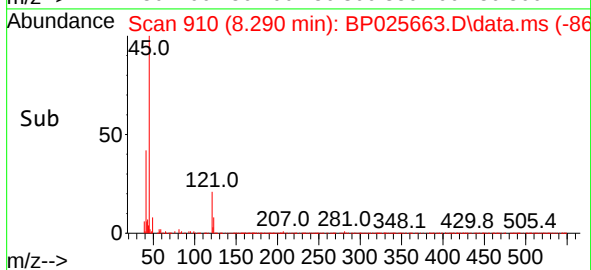
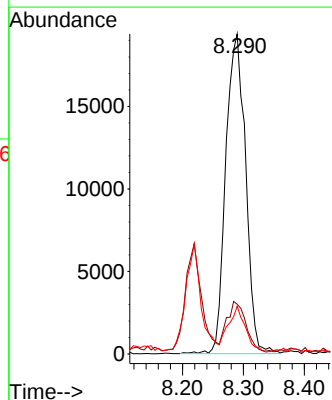
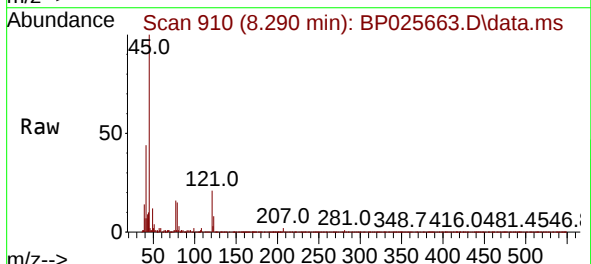
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

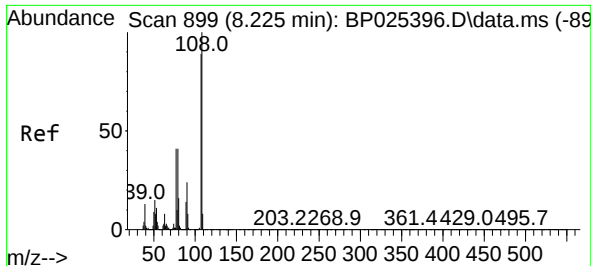
Tgt Ion: 79 Resp: 25948
Ion Ratio Lower Upper
79 100
108 69.5 63.8 95.6
77 61.8 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.879 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 45 Resp: 43934
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.3
79 15.0 0.0 31.8

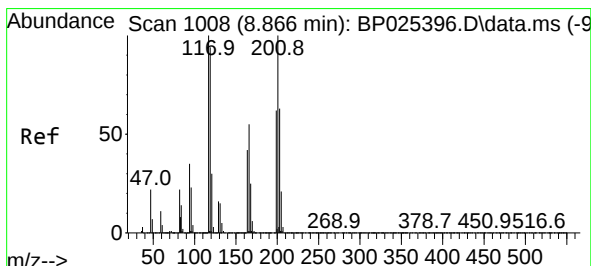
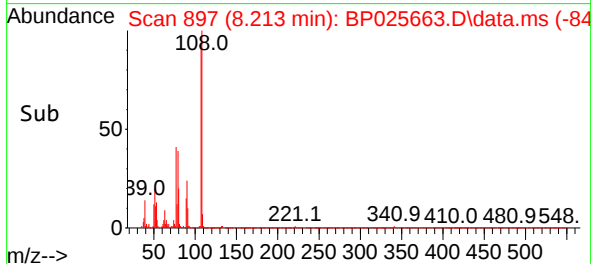
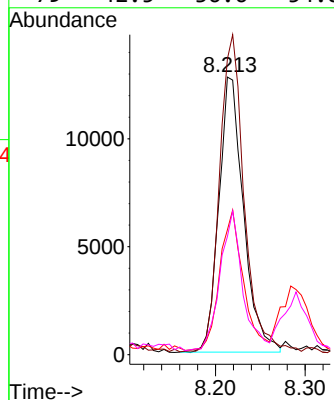
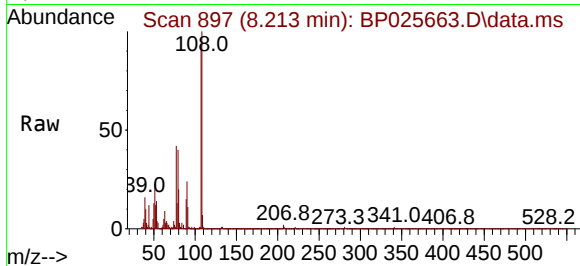




#17
2-Methylphenol
Concen: 3.232 ng
RT: 8.213 min Scan# 897
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

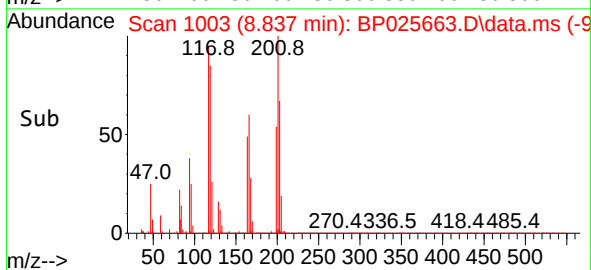
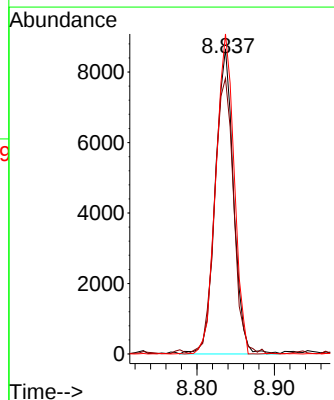
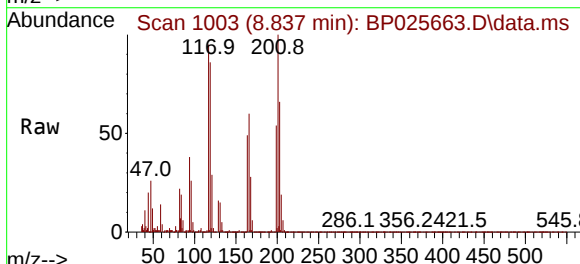
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	107	Resp:	24348
Ion	Ratio	Lower	Upper
107	100		
108	106.6	89.4	134.0
77	45.0	36.3	54.5
79	42.5	36.6	54.8



#18
Hexachloroethane
Concen: 3.749 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:	117	Resp:	14136
Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.1	112.7
201	104.9	80.1	120.1

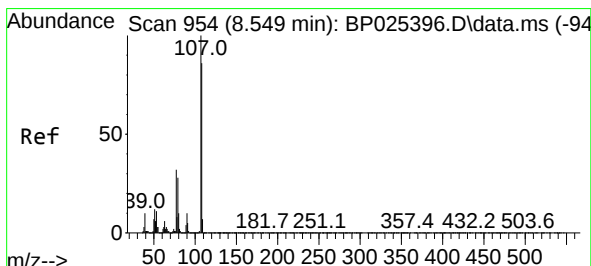
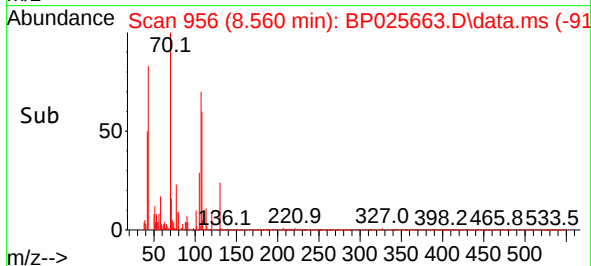
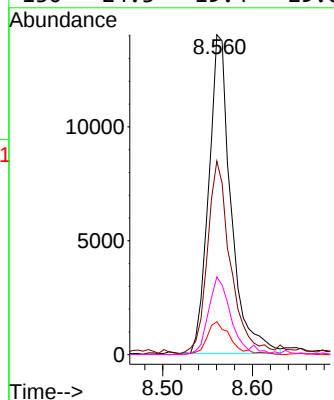
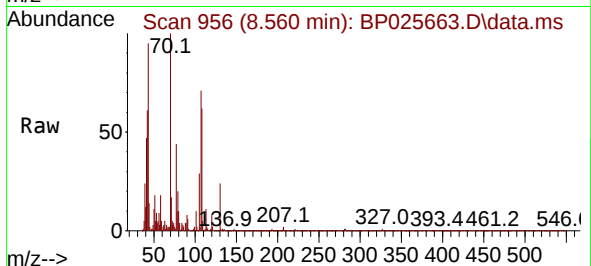




#19
n-Nitroso-di-n-propylamine
Concen: 3.530 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

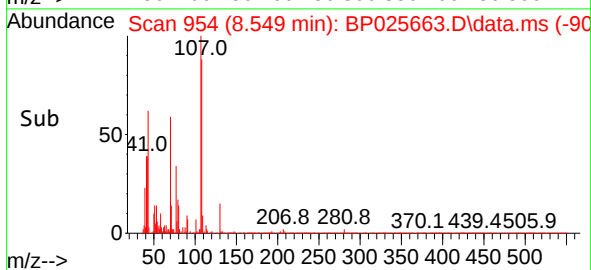
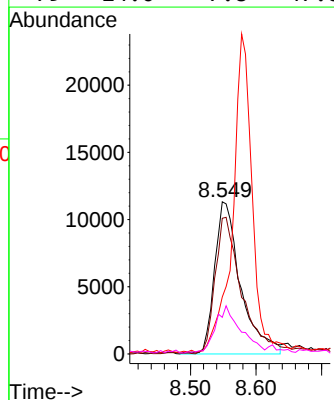
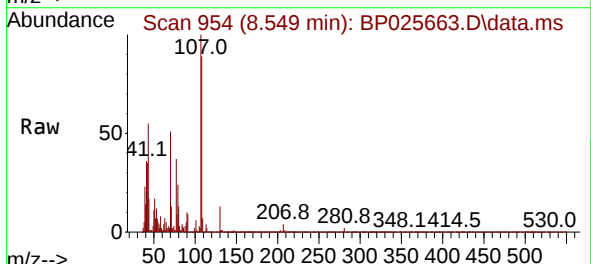
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	70	Resp:	24170
Ion	Ratio	Lower	Upper
70	100		
42	60.5	43.8	65.6
101	10.3	8.5	12.7
130	24.3	19.4	29.0



#20
3+4-Methylphenols
Concen: 2.990 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:	107	Resp:	31221
Ion	Ratio	Lower	Upper
107	100		
108	89.2	66.3	106.3
77	37.4	12.3	52.3
79	24.0	7.8	47.8

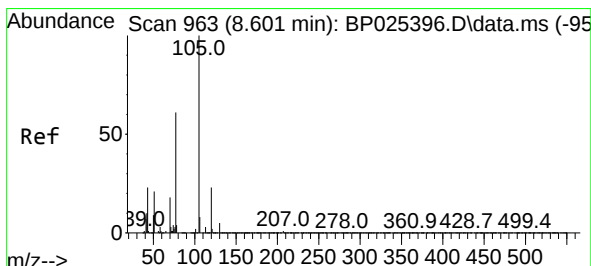
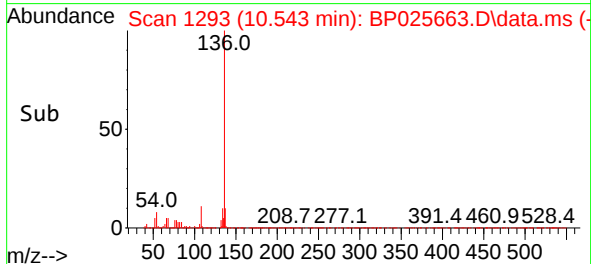
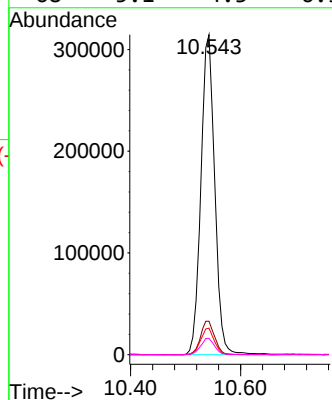
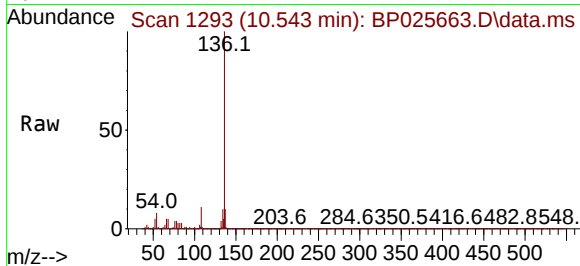




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

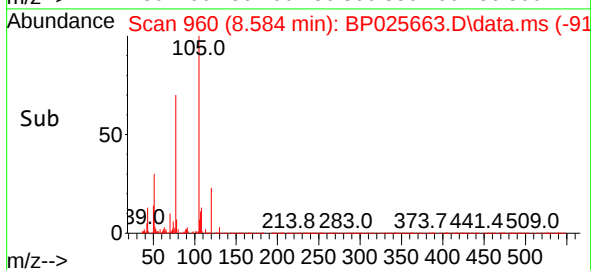
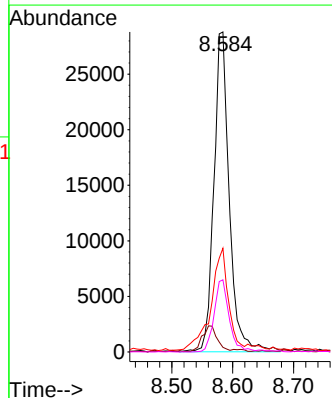
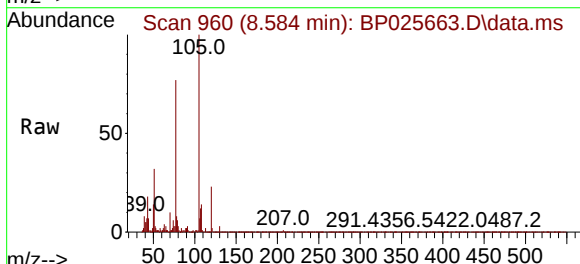
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

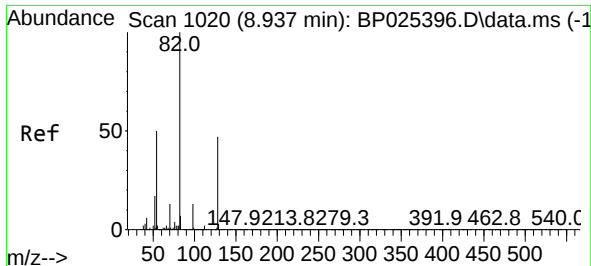
Tgt Ion:	136	Resp:	549961
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	8.3	6.0	9.0
68	5.1	4.3	6.5



#22
Acetophenone
Concen: 3.682 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:	105	Resp:	50781
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	4.0#
51	32.4	20.6	30.8#
120	22.6	18.6	27.8

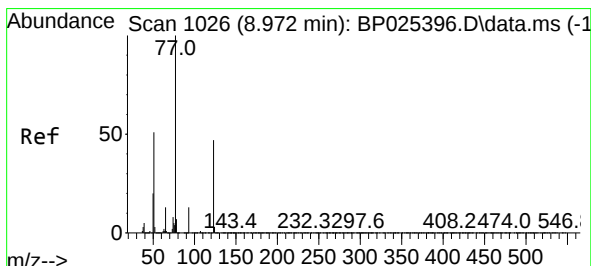
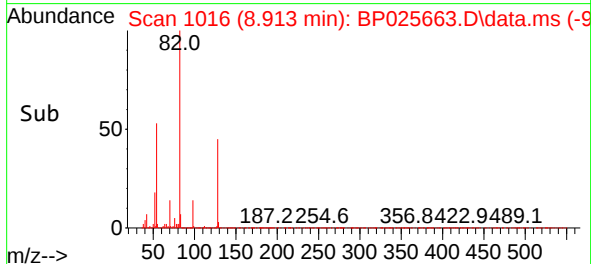
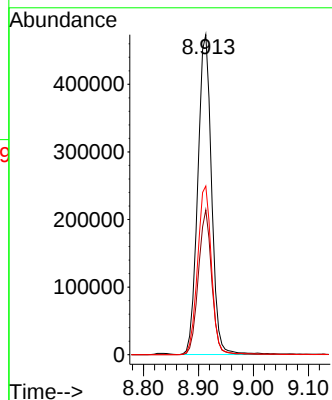
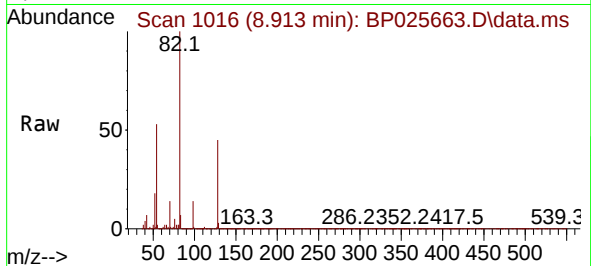




#23
Nitrobenzene-d5
Concen: 75.887 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

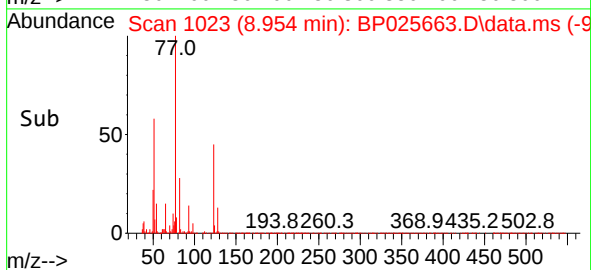
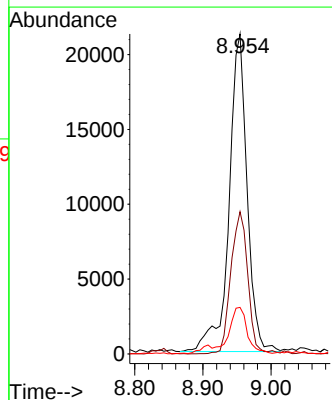
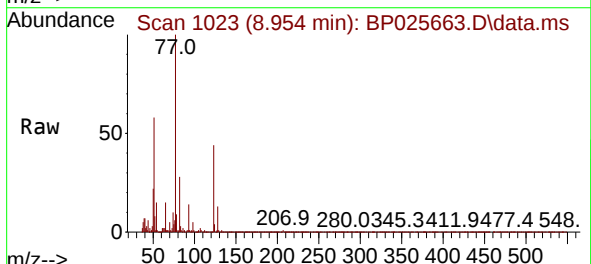
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

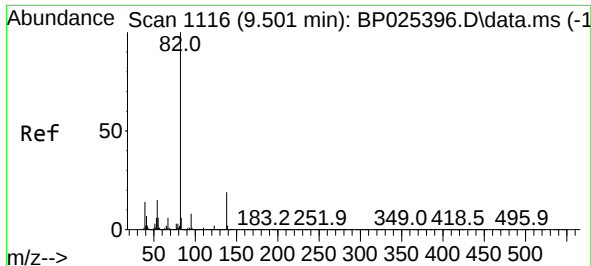
Tgt Ion: 82 Resp: 825034
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 52.7 39.8 59.6



#24
Nitrobenzene
Concen: 4.025 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 77 Resp: 39113
Ion Ratio Lower Upper
77 100
123 44.5 38.6 58.0
65 14.6 10.6 15.8

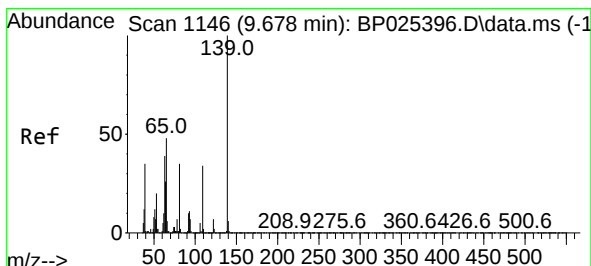
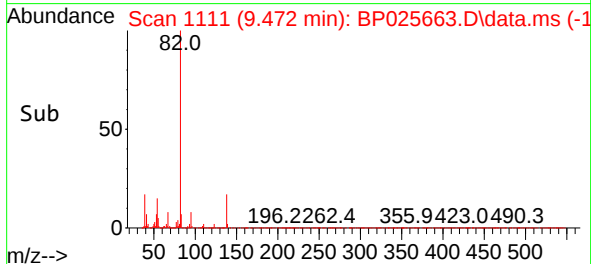
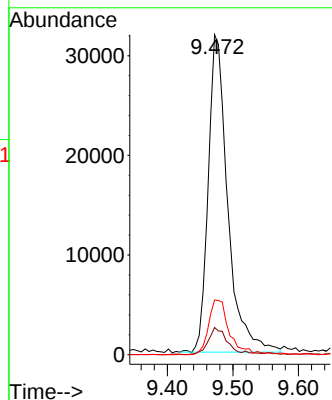
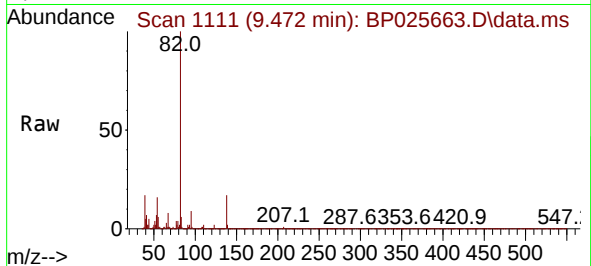




#25
Isophorone
Concen: 3.424 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

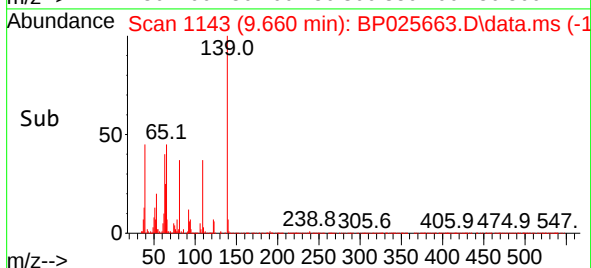
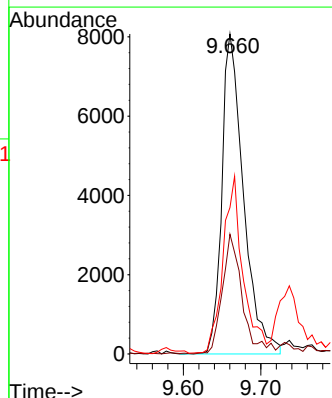
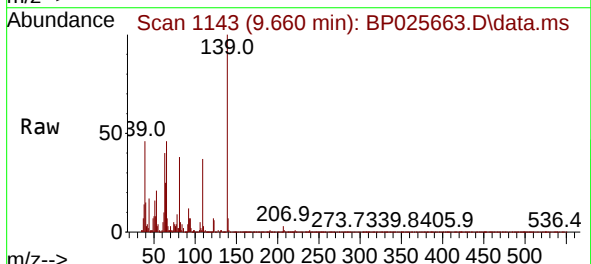
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

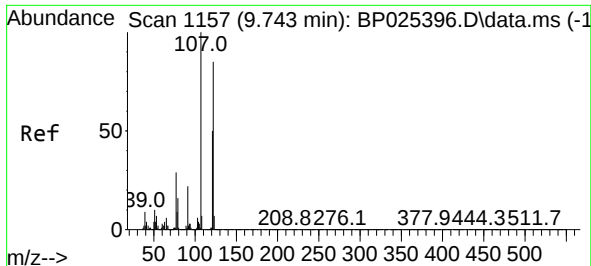
Tgt Ion: 82 Resp: 65883
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 17.1 15.4 23.0



#26
2-Nitrophenol
Concen: 3.152 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 139 Resp: 15716
Ion Ratio Lower Upper
139 100
109 37.4 26.9 40.3
65 45.7 38.3 57.5

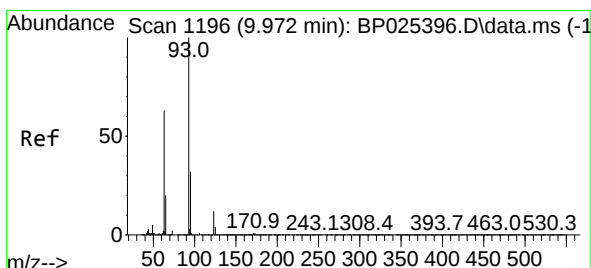
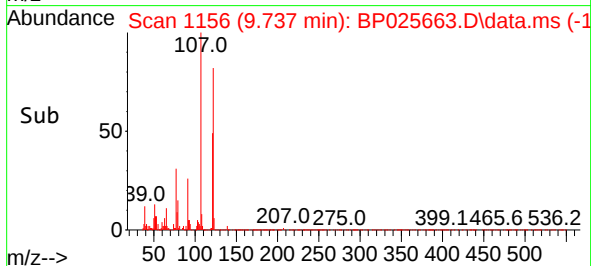
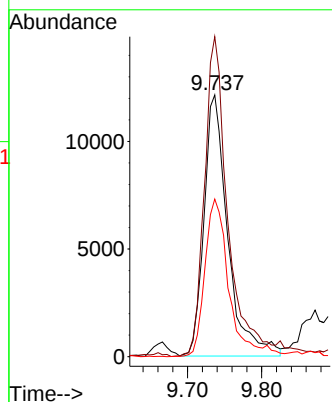
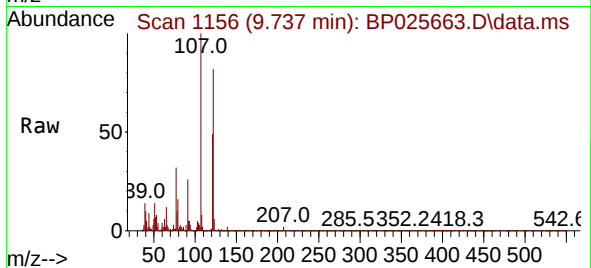




#27
2,4-Dimethylphenol
Concen: 3.152 ng
RT: 9.737 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

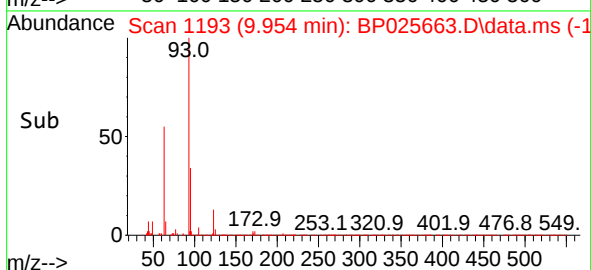
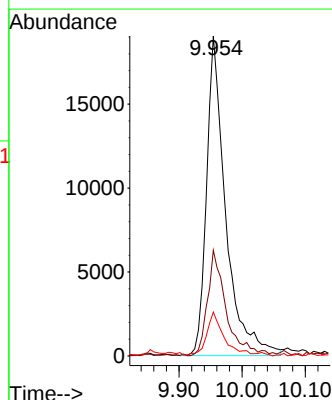
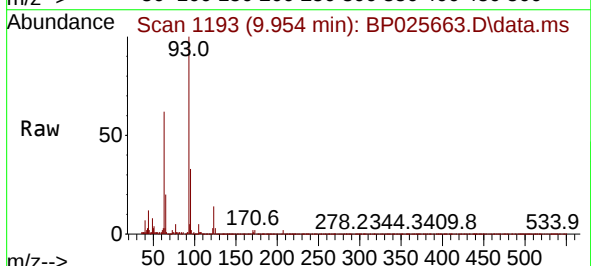
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

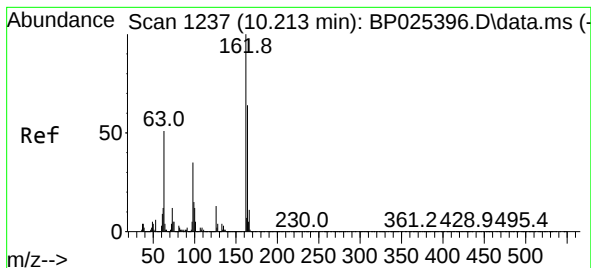
Tgt Ion:122 Resp: 27029
Ion Ratio Lower Upper
122 100
107 122.3 93.7 140.5
121 60.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 3.453 ng
RT: 9.954 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 93 Resp: 40157
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.0
123 13.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 2.853 ng

RT: 10.231 min Scan# 11

Delta R.T. 0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

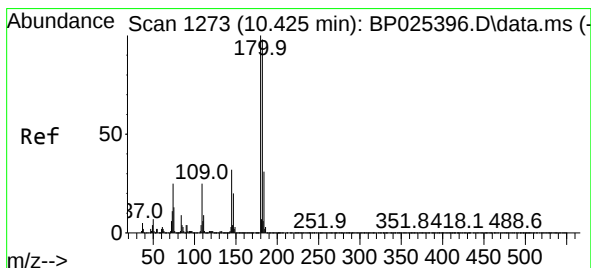
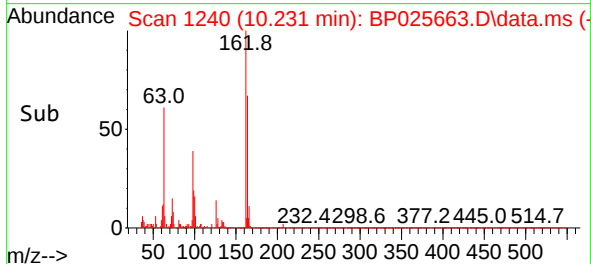
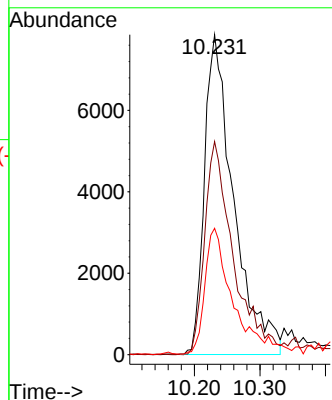
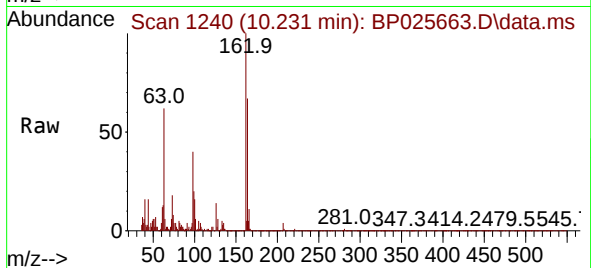
Tgt Ion:162 Resp: 24302

Ion Ratio Lower Upper

162 100

164 66.6 44.4 84.4

98 39.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 3.547 ng

RT: 10.401 min Scan# 1269

Delta R.T. -0.024 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

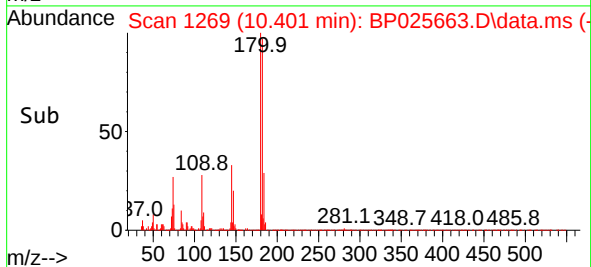
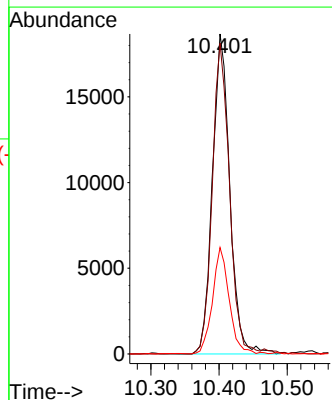
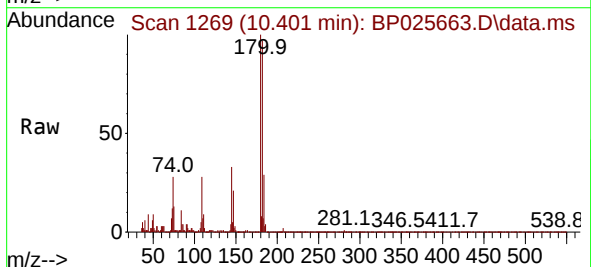
Tgt Ion:180 Resp: 33123

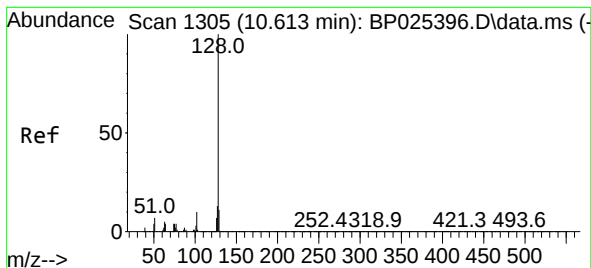
Ion Ratio Lower Upper

180 100

182 97.1 78.0 117.0

145 33.3 25.9 38.9





#31

Naphthalene

Concen: 3.681 ng

RT: 10.590 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

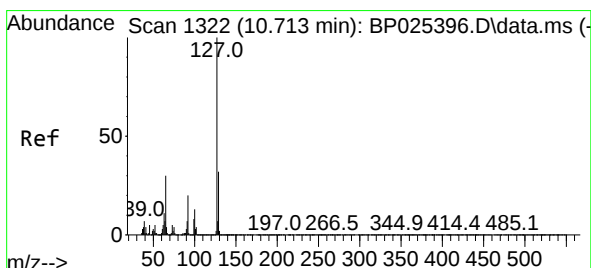
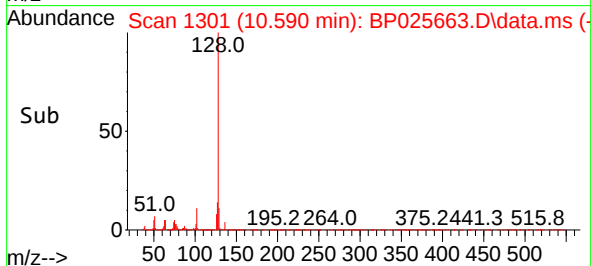
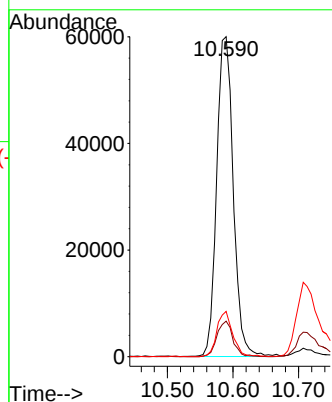
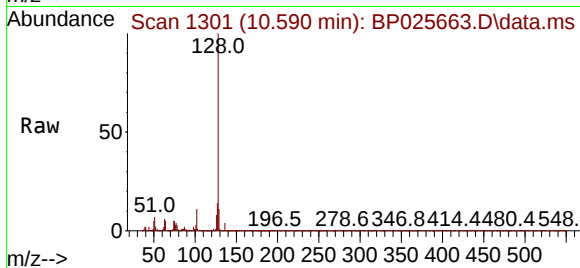
Tgt Ion:128 Resp: 105212

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 14.2 10.7 16.1



#33

4-Chloroaniline

Concen: 2.690 ng

RT: 10.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:127 Resp: 33968

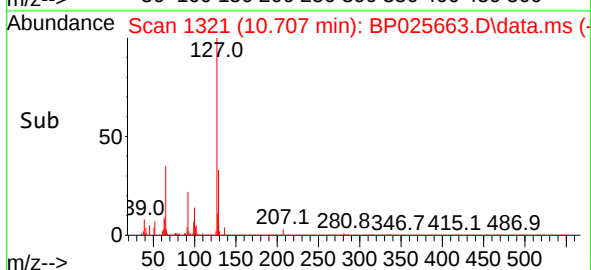
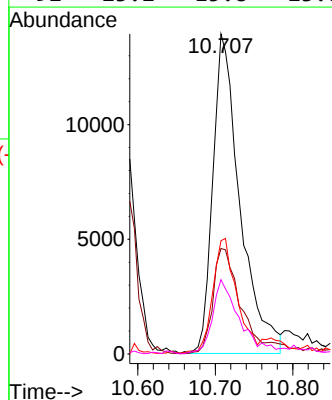
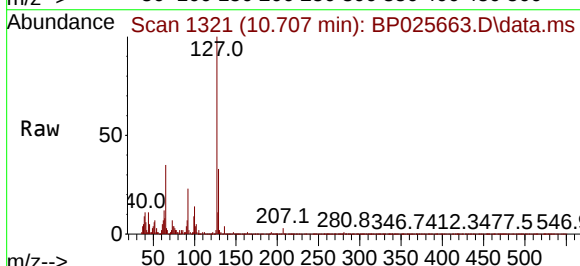
Ion Ratio Lower Upper

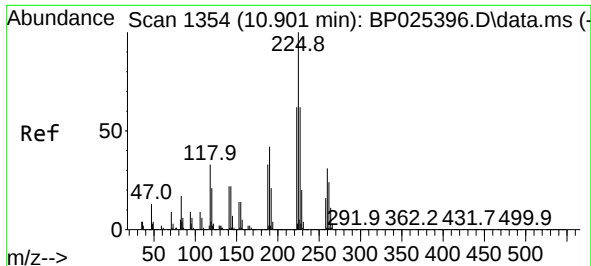
127 100

129 32.9 25.4 38.2

65 35.4 23.8 35.6

92 23.2 15.8 23.8

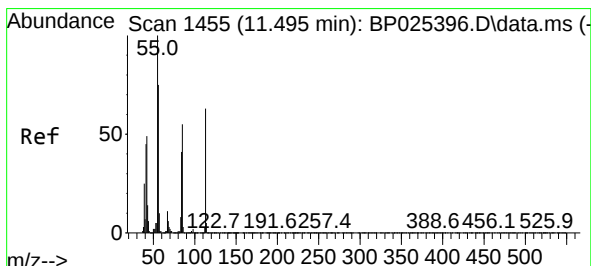
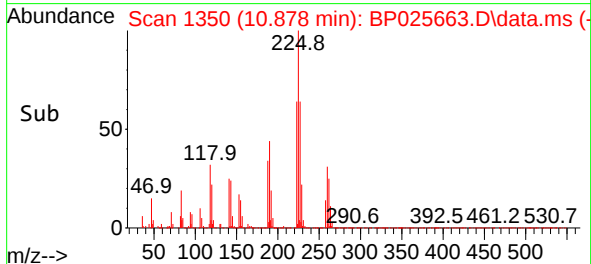
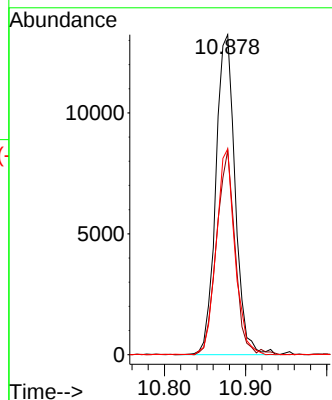
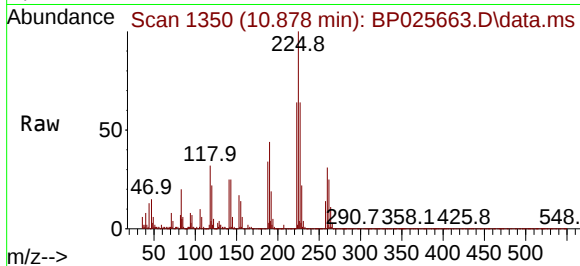




#34
Hexachlorobutadiene
Concen: 3.760 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

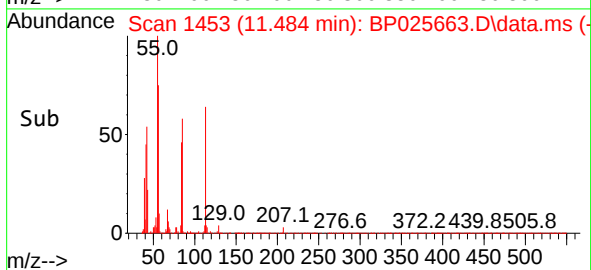
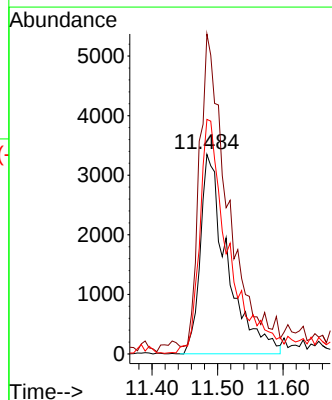
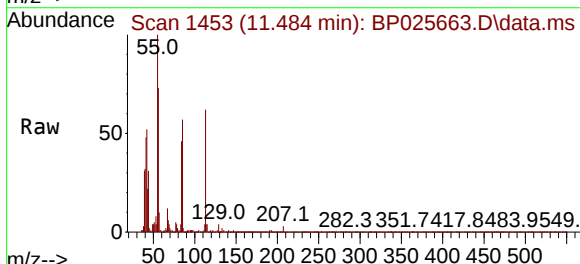
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

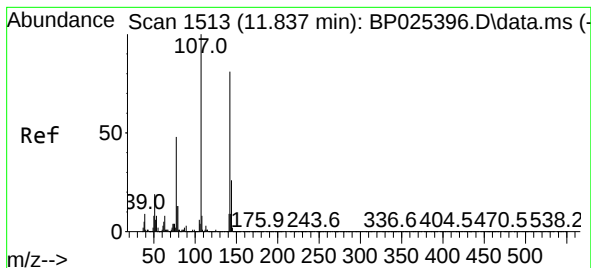
Tgt Ion:225 Resp: 21868
Ion Ratio Lower Upper
225 100
223 63.9 50.0 75.0
227 64.3 49.7 74.5



#35
Caprolactam
Concen: 3.070 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:113 Resp: 9589
Ion Ratio Lower Upper
113 100
55 160.3 140.0 180.0
56 117.5 100.0 140.0

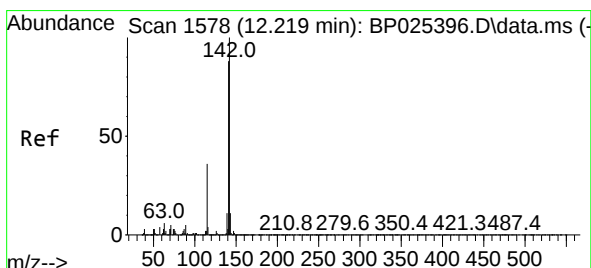
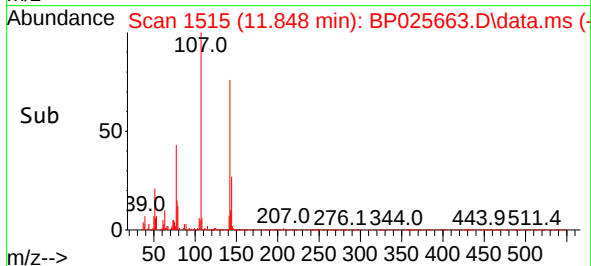
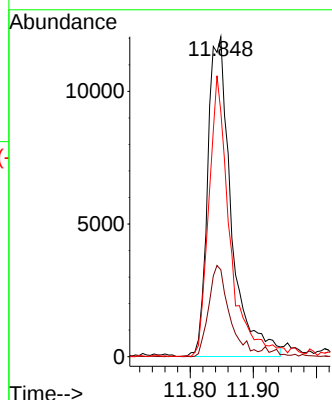
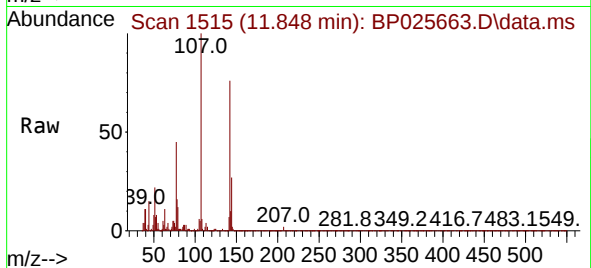




#36
4-Chloro-3-methylphenol
Concen: 3.196 ng
RT: 11.848 min Scan# 1513
Delta R.T. 0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

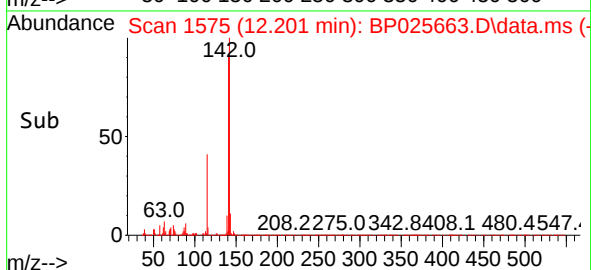
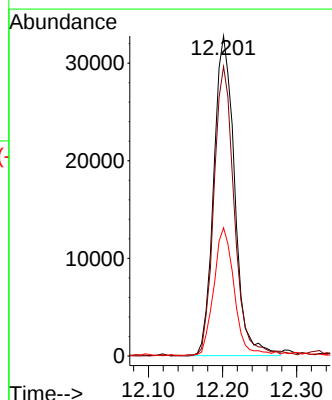
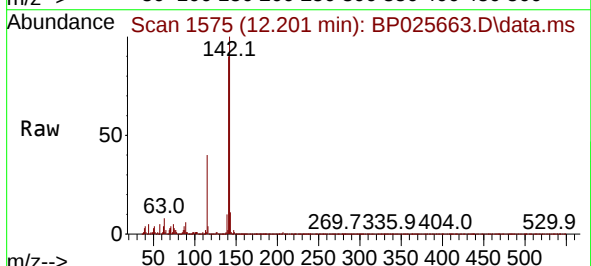
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

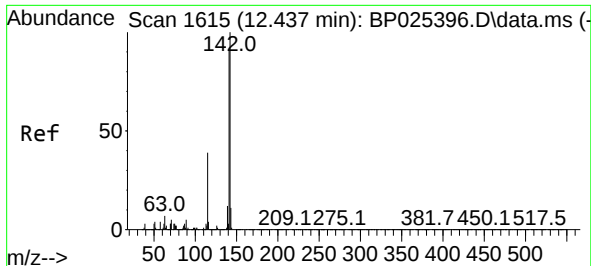
Tgt Ion:107 Resp: 31245
Ion Ratio Lower Upper
107 100
144 27.1 21.0 31.4
142 76.5 64.6 97.0



#37
2-Methylnaphthalene
Concen: 3.440 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:142 Resp: 63986
Ion Ratio Lower Upper
142 100
141 90.5 70.3 105.5
115 40.1 28.9 43.3

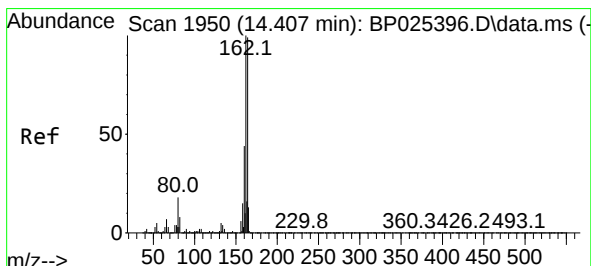
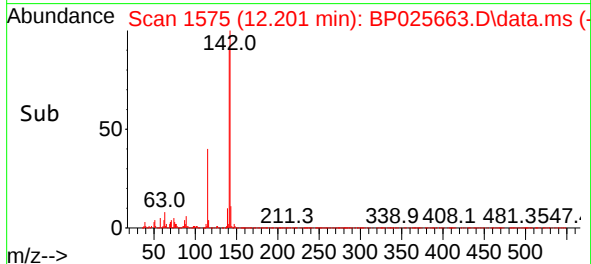
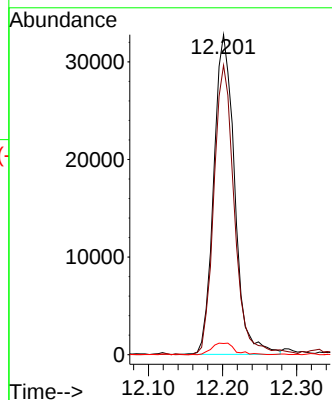
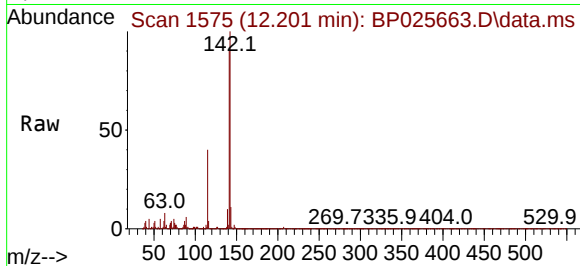




#38
1-Methylnaphthalene
Concen: 3.234 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.235 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

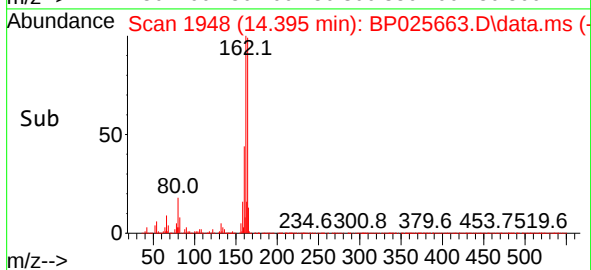
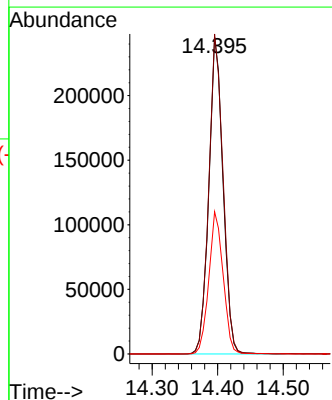
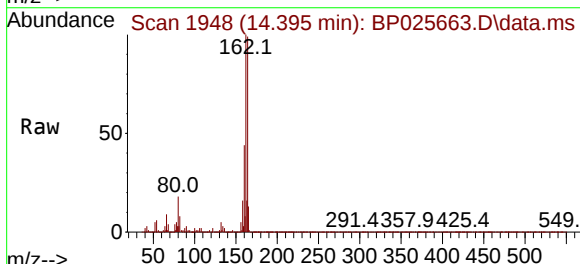
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

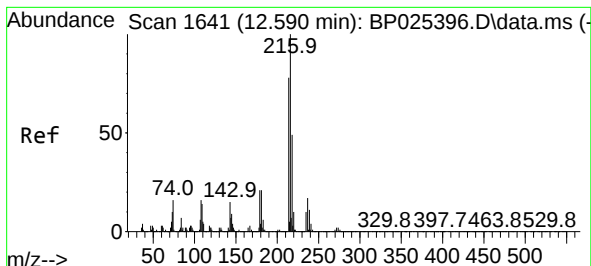
Tgt Ion:142 Resp: 63986
Ion Ratio Lower Upper
142 100
141 90.5 73.1 109.7
116 3.5 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:164 Resp: 369065
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 44.9 35.4 53.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.632 ng

RT: 12.572 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:216 Resp: 38710

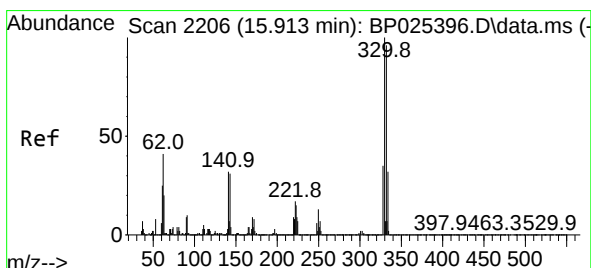
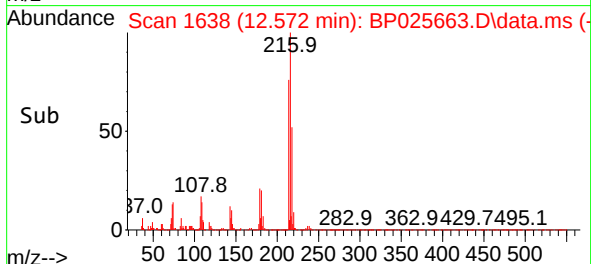
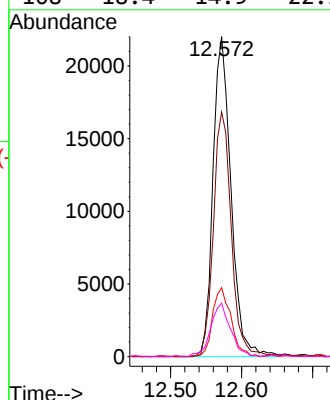
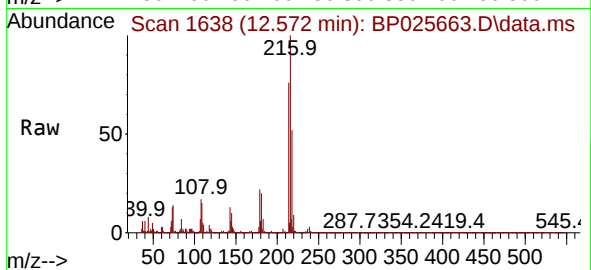
Ion Ratio Lower Upper

216 100

214 76.3 63.0 94.4

179 22.1 17.1 25.7

108 18.4 14.9 22.3



#42

2,4,6-Tribromophenol

Concen: 122.470 ng

RT: 15.913 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

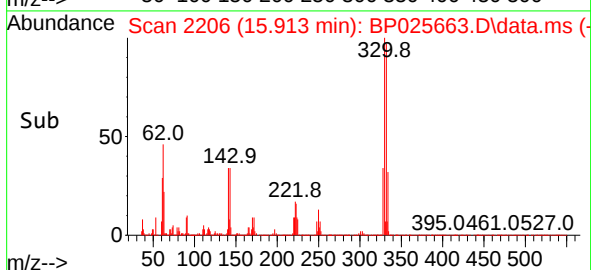
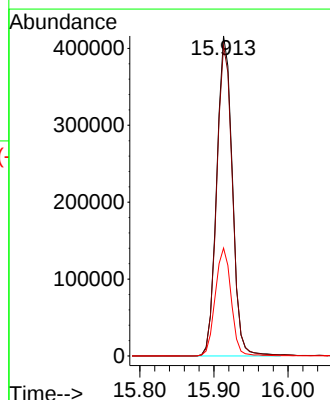
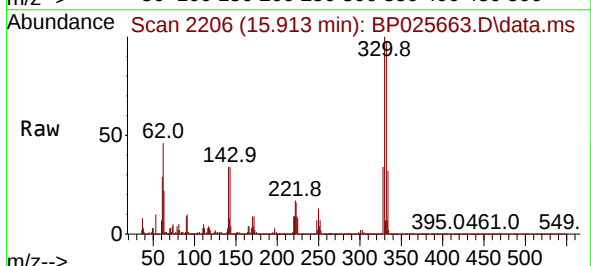
Tgt Ion:330 Resp: 608388

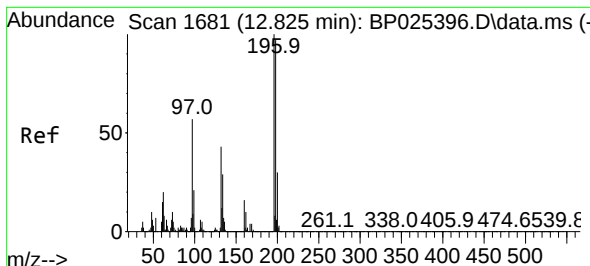
Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

141 34.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 3.147 ng

RT: 12.825 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

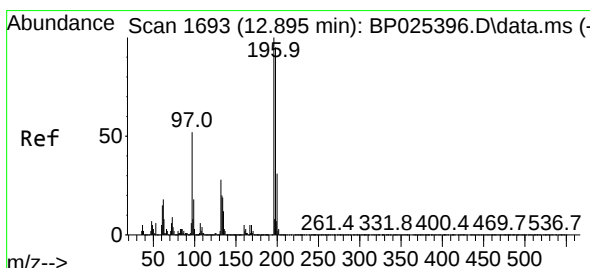
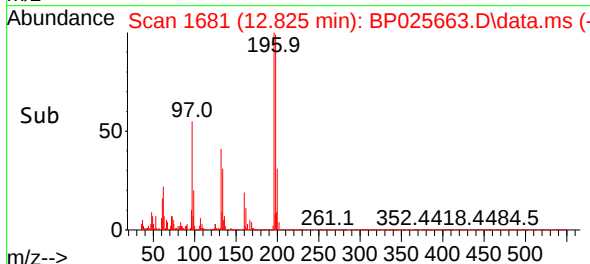
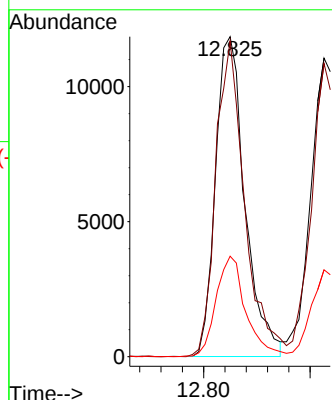
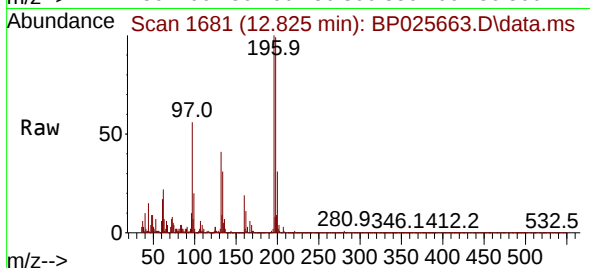
Tgt Ion:196 Resp: 22644

Ion Ratio Lower Upper

196 100

198 98.7 77.2 115.8

200 31.4 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 3.195 ng

RT: 12.913 min Scan# 1696

Delta R.T. 0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:196 Resp: 25197

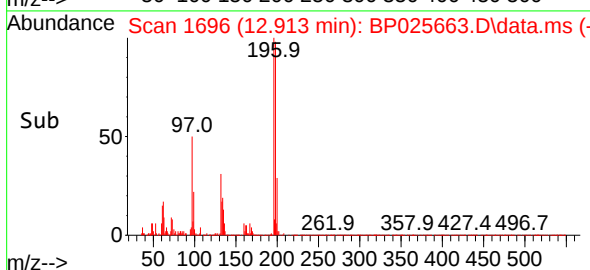
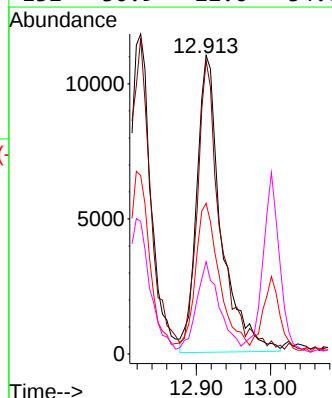
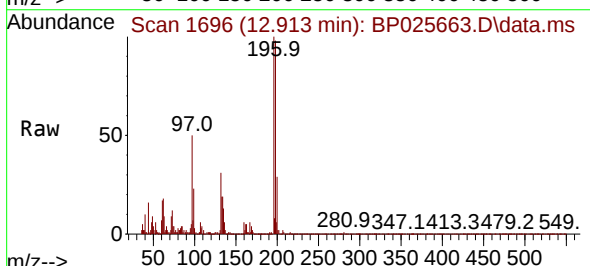
Ion Ratio Lower Upper

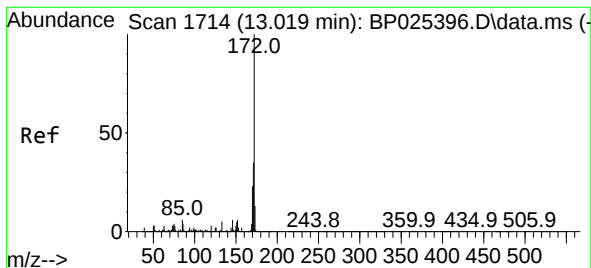
196 100

198 98.2 76.2 114.2

97 50.4 41.2 61.8

132 30.9 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 73.331 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

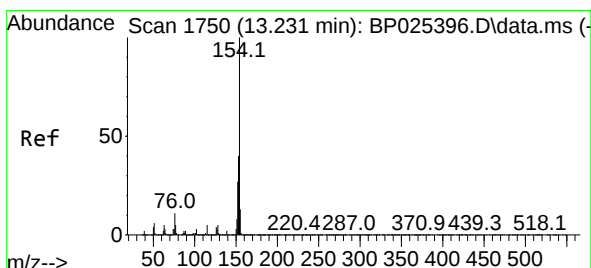
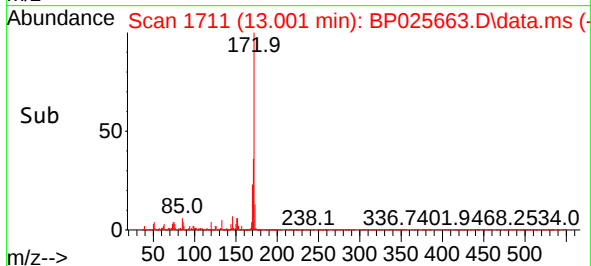
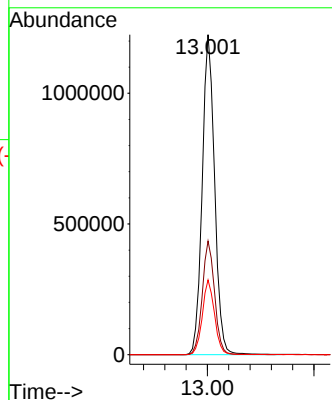
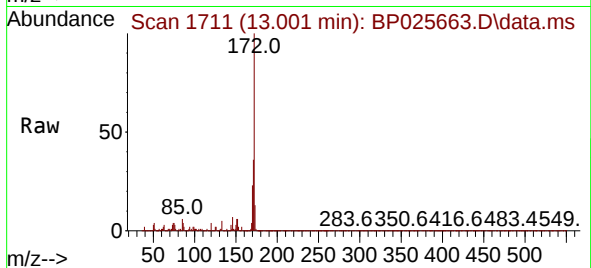
Tgt Ion:172 Resp: 1980265

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 3.642 ng

RT: 13.213 min Scan# 1747

Delta R.T. -0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

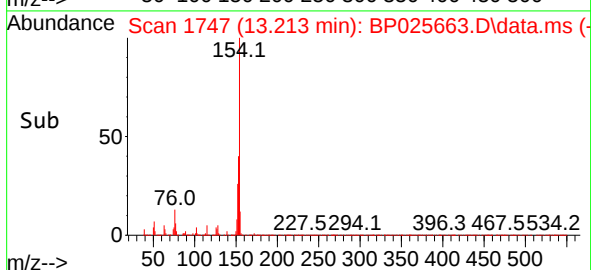
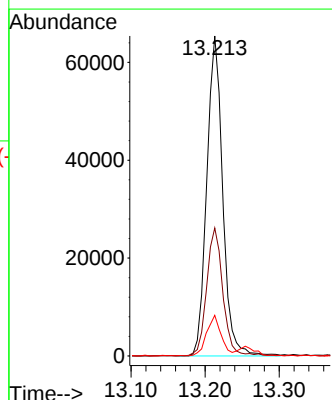
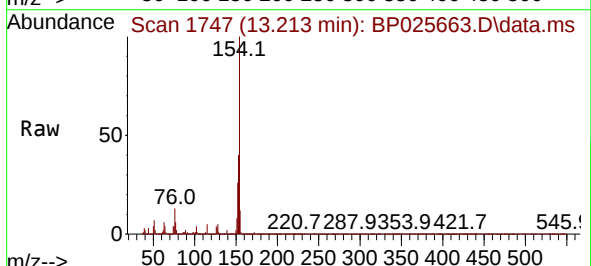
Tgt Ion:154 Resp: 97608

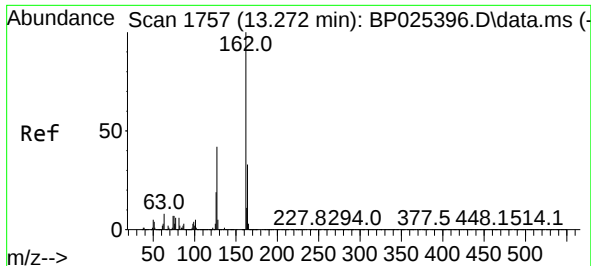
Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

76 12.7 0.0 31.1

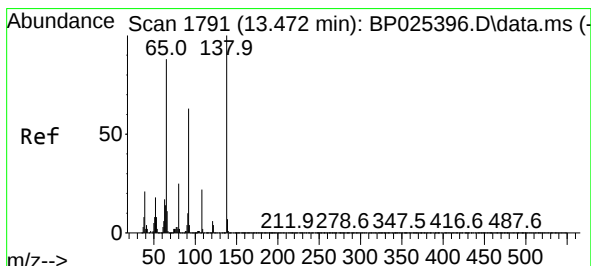
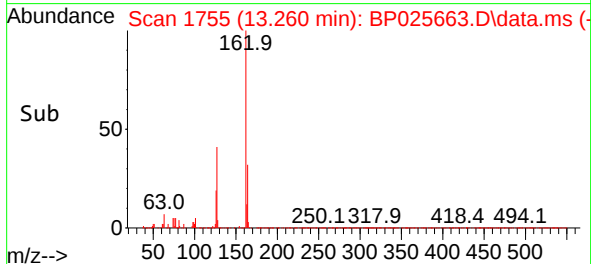
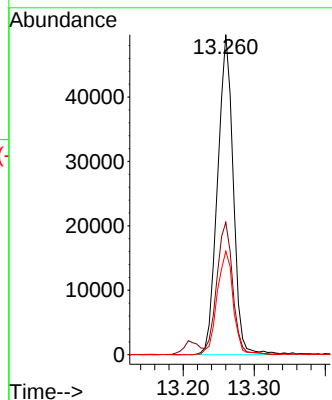
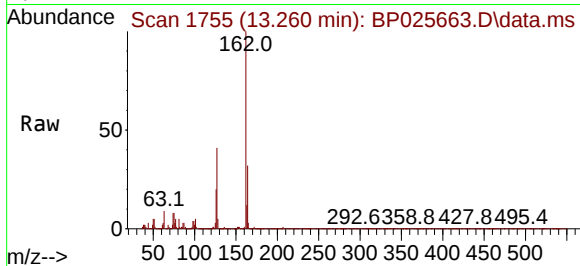




#47
2-Chloronaphthalene
Concen: 3.630 ng
RT: 13.260 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

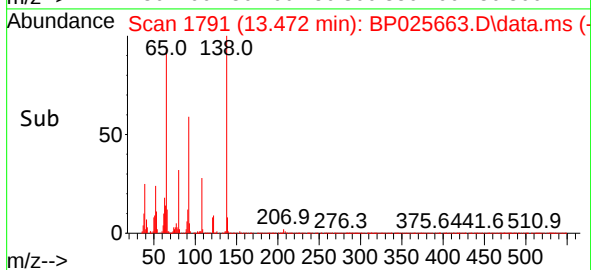
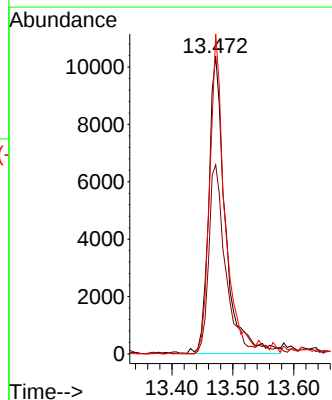
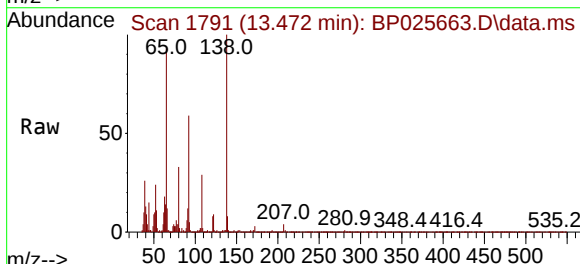
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

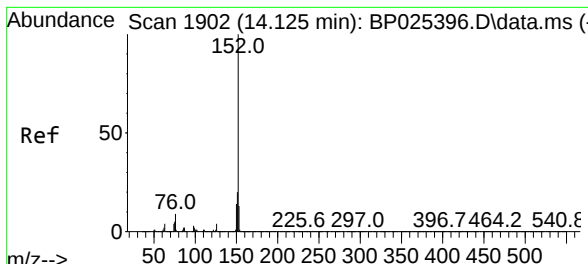
Tgt Ion:	162	Resp:	75755
Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.2
164	32.3	26.2	39.2



#48
2-Nitroaniline
Concen: 3.231 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:	65	Resp:	19642
Ion	Ratio	Lower	Upper
65	100		
92	63.5	57.6	86.4
138	107.4	91.0	136.6



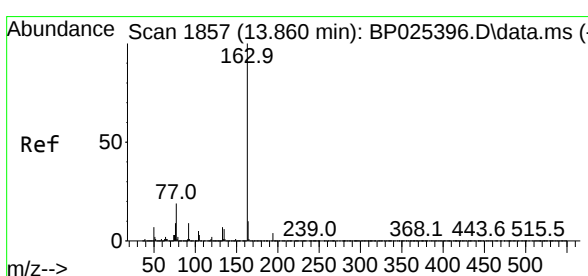
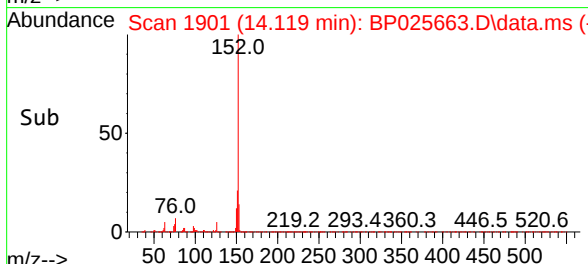
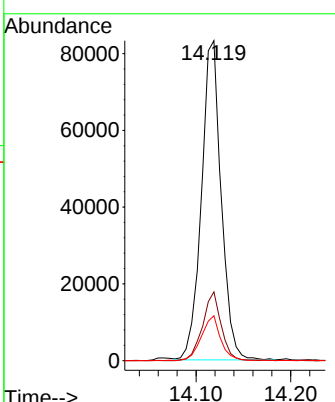
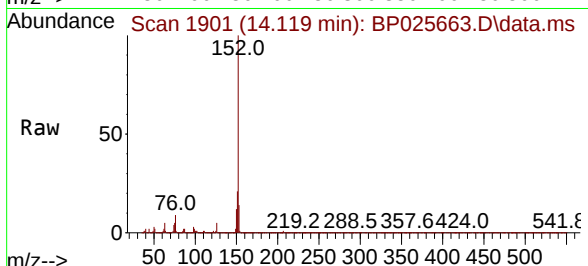


#49
 Acenaphthylene
 Concen: 3.489 ng
 RT: 14.119 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:152 Resp: 120472

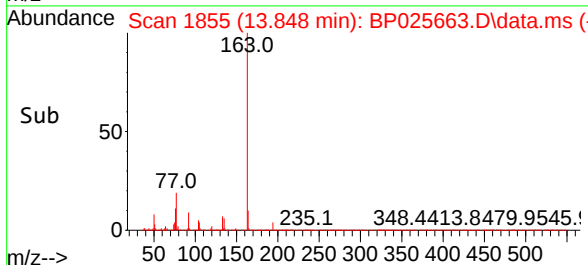
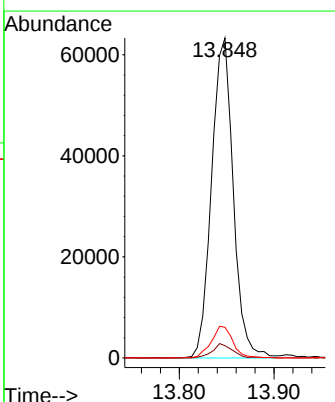
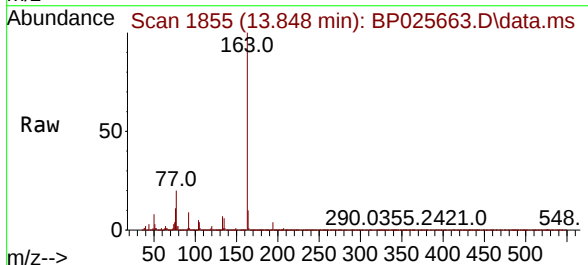
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.0	24.0
153	14.1	10.6	15.8

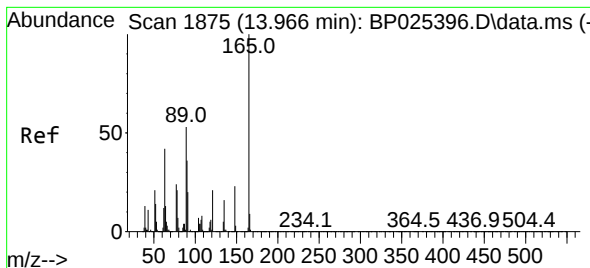


#50
 Dimethylphthalate
 Concen: 3.734 ng
 RT: 13.848 min Scan# 1855
 Delta R.T. -0.012 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

Tgt Ion:163 Resp: 100906

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.6	7.9	11.9

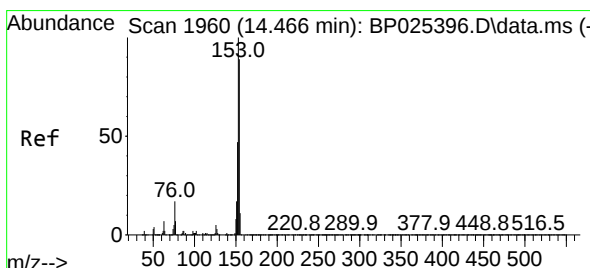
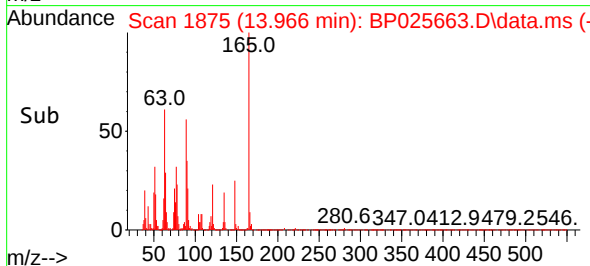
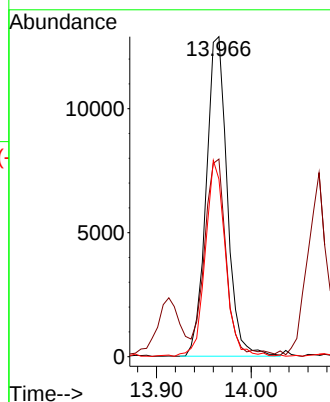
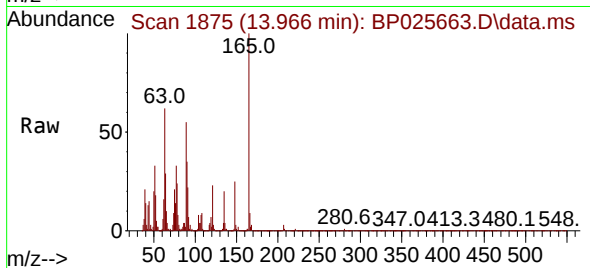




#51
2,6-Dinitrotoluene
Concen: 3.497 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

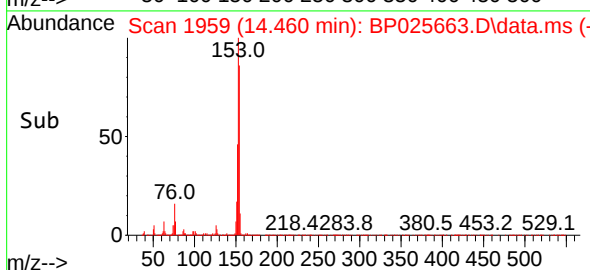
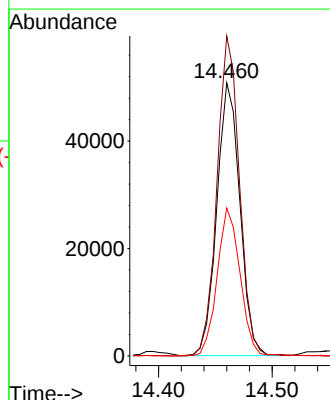
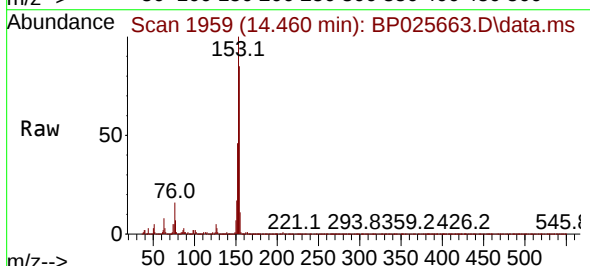
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

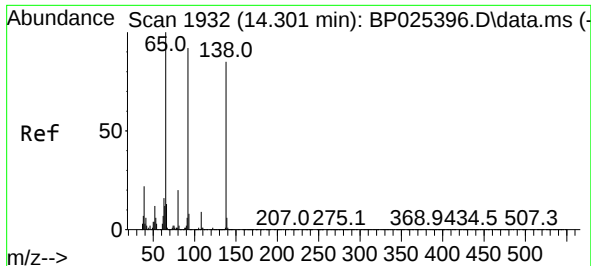
Tgt Ion:165 Resp: 19922
Ion Ratio Lower Upper
165 100
63 61.7 40.9 61.3#
89 55.5 42.1 63.1



#52
Acenaphthene
Concen: 3.534 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:154 Resp: 71623
Ion Ratio Lower Upper
154 100
153 117.1 90.2 135.2
152 54.2 42.1 63.1

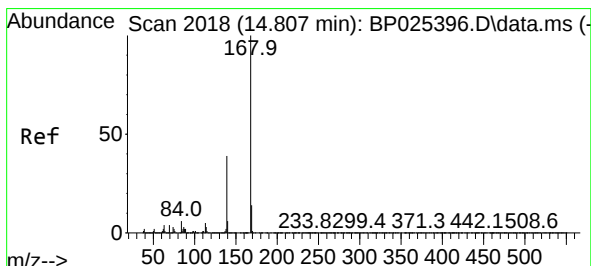
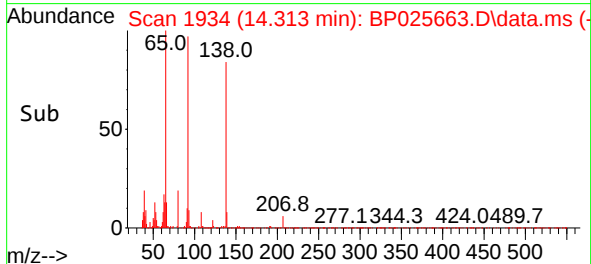
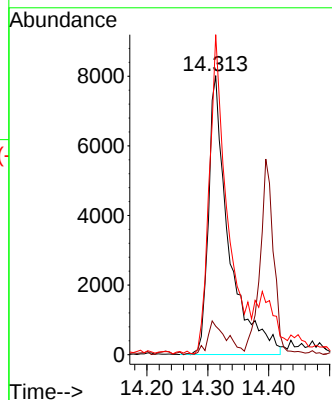
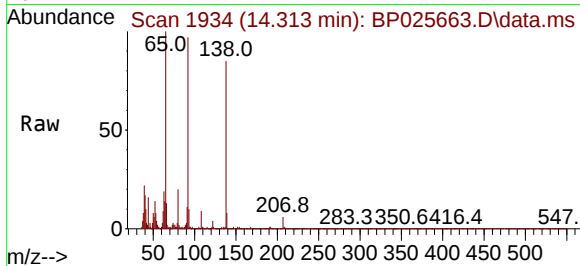




#53
3-Nitroaniline
Concen: 2.894 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

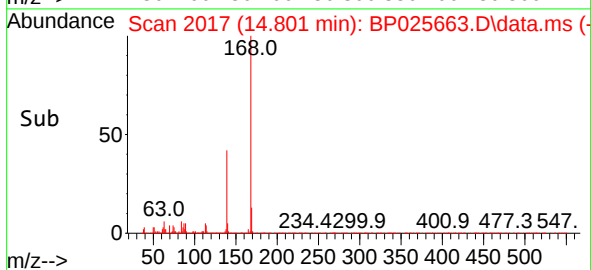
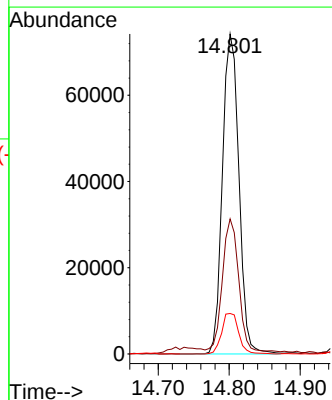
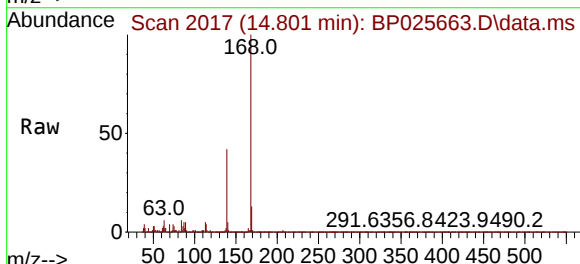
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

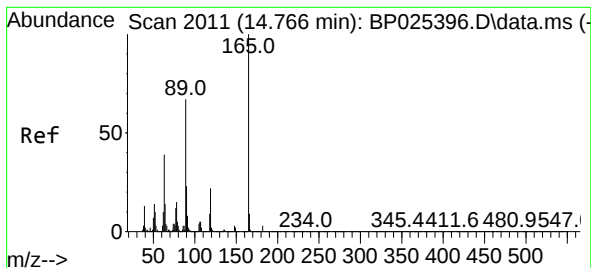
Tgt Ion:138 Resp: 18547
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 114.6 86.2 129.2



#55
Dibenzofuran
Concen: 3.719 ng
RT: 14.801 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:168 Resp: 119160
Ion Ratio Lower Upper
168 100
139 42.2 31.5 47.3
169 12.6 10.9 16.3

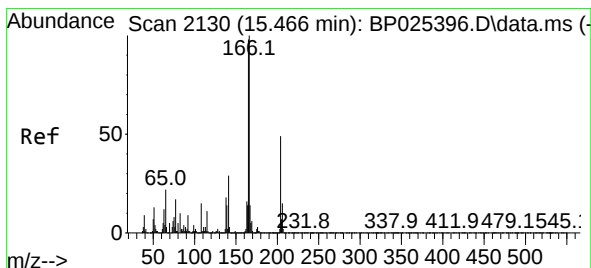
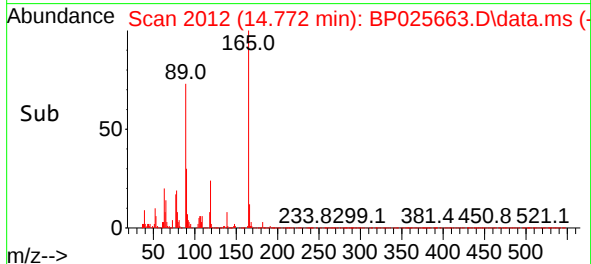
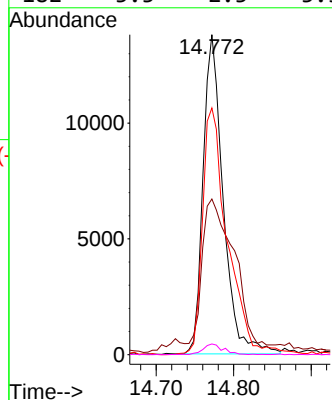
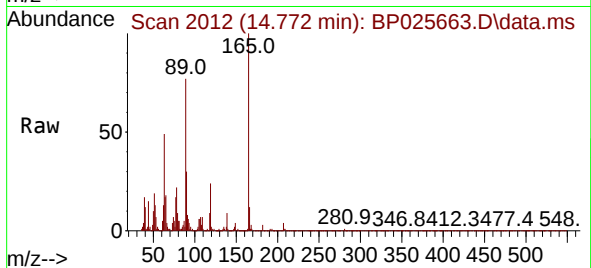




#57
2,4-Dinitrotoluene
Concen: 3.046 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

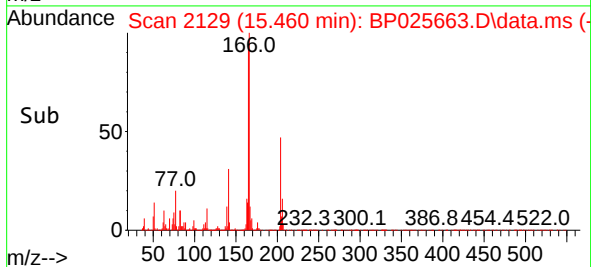
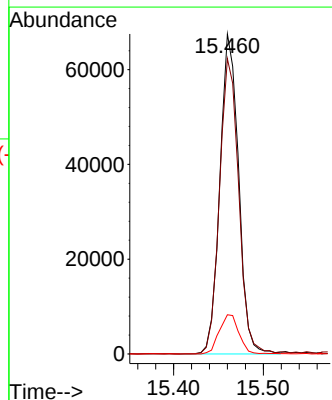
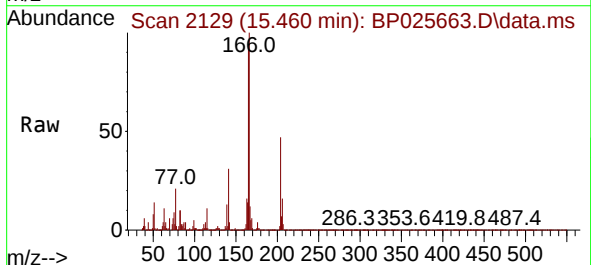
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

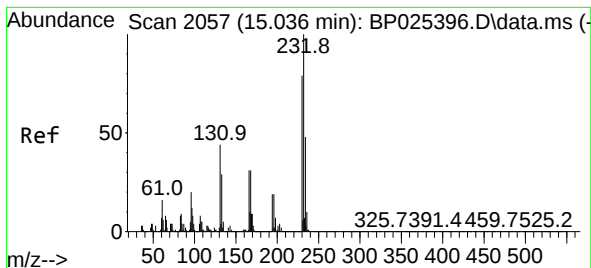
Tgt Ion:165 Resp: 24758
Ion Ratio Lower Upper
165 100
63 48.6 31.4 47.2#
89 77.1 53.3 79.9
182 3.3 2.3 3.5



#58
Fluorene
Concen: 3.861 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:166 Resp: 97613
Ion Ratio Lower Upper
166 100
165 92.3 78.8 118.2
167 12.3 11.0 16.4

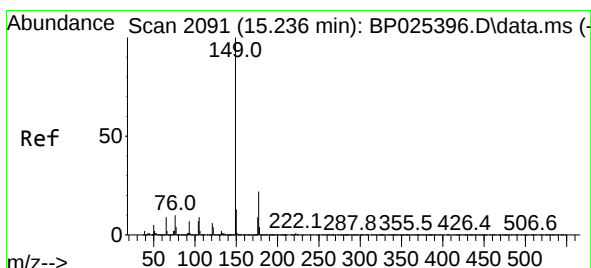
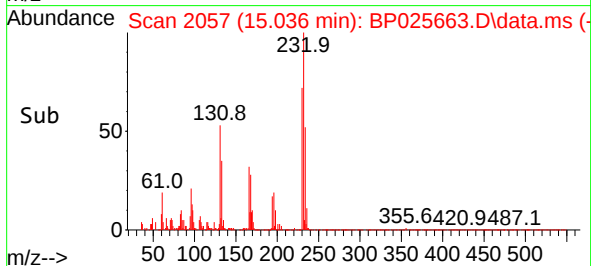
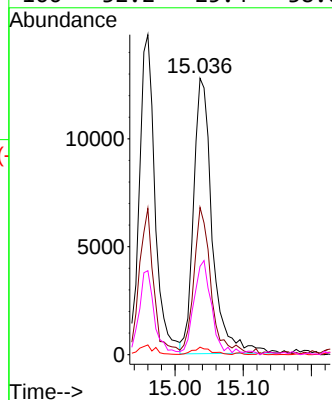
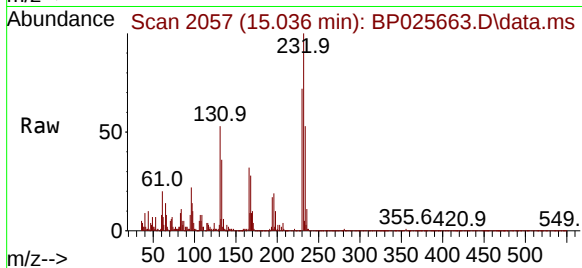




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.488 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

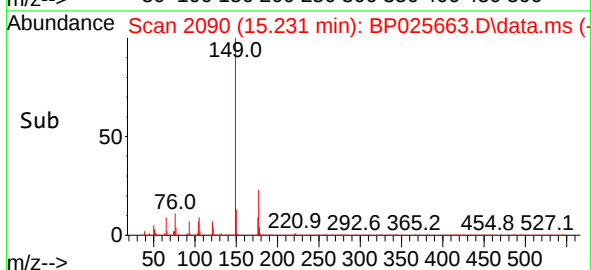
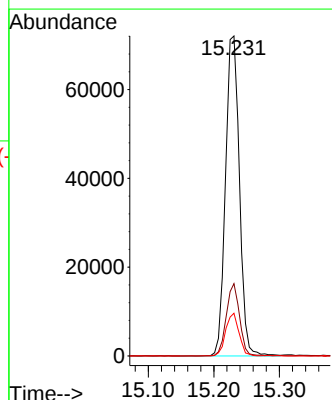
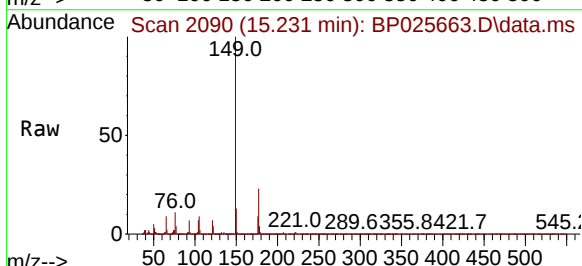
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

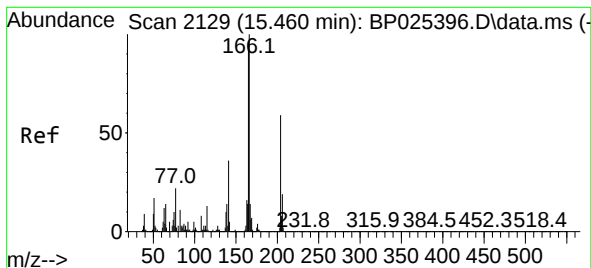
Tgt Ion:	232	Resp:	24288
Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.0	55.6
130	2.6	1.9	2.9
166	32.2	25.4	38.0



#60
Diethylphthalate
Concen: 3.857 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:	149	Resp:	105923
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.3	25.9
150	13.4	10.3	15.5

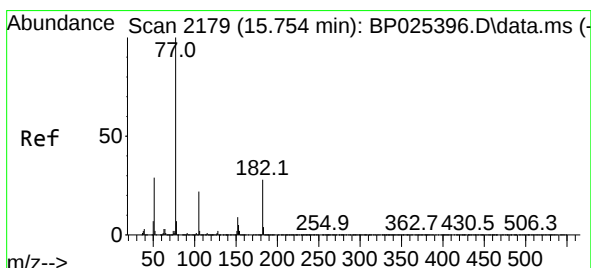
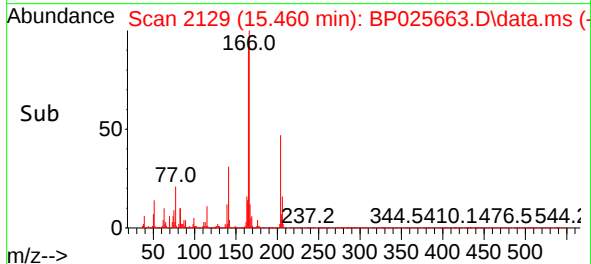
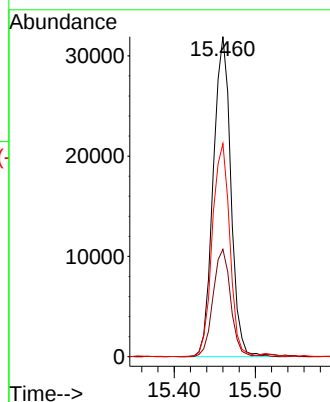
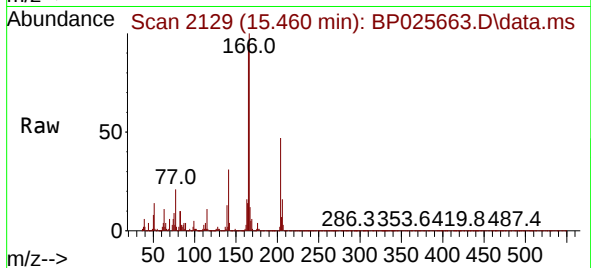




#61
4-Chlorophenyl-phenylether
Concen: 3.833 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

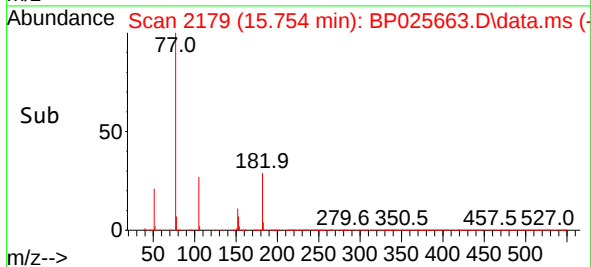
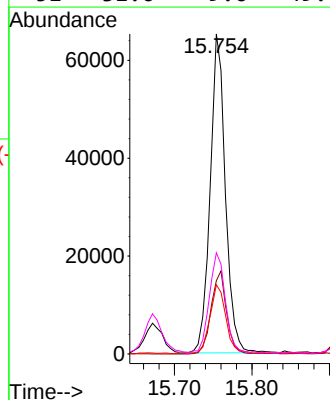
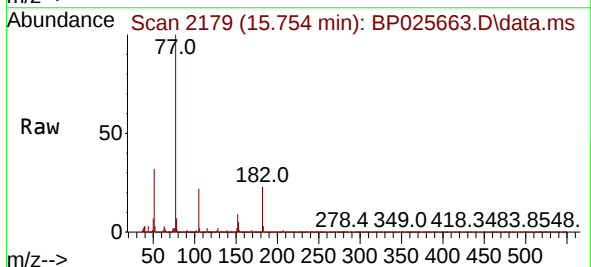
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

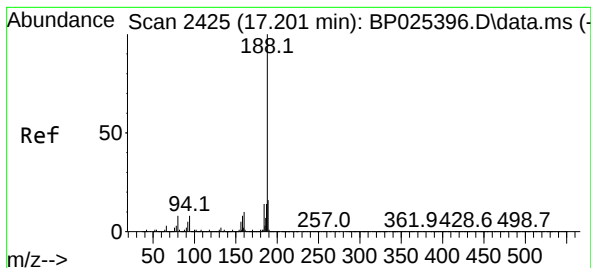
Tgt Ion: 204 Resp: 48194
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 66.6 49.4 74.2



#63
Azobenzene
Concen: 3.781 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 77 Resp: 88904
Ion Ratio Lower Upper
77 100
182 22.9 7.5 47.5
105 21.6 2.1 42.1
51 31.6 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: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

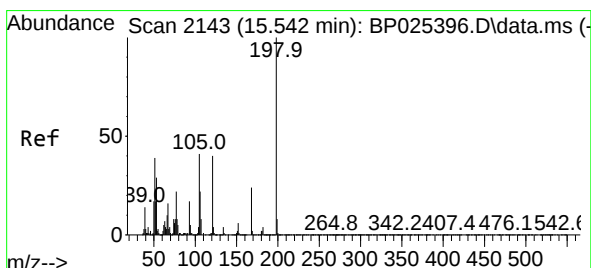
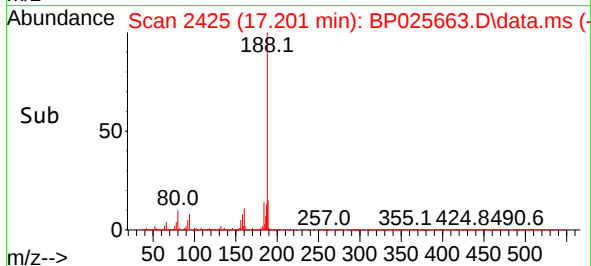
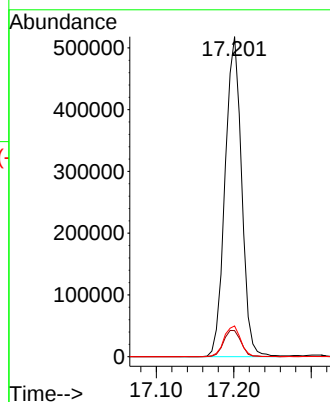
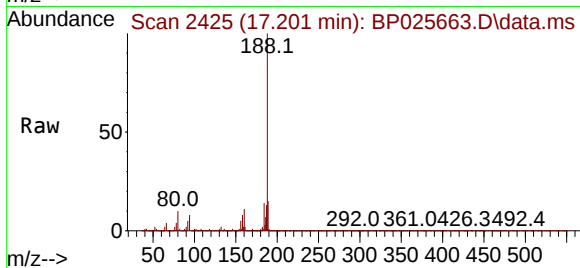
Tgt Ion:188 Resp: 768738

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 9.6 6.7 10.1



#65

4,6-Dinitro-2-methylphenol

Concen: 2.412 ng

RT: 15.566 min Scan# 2147

Delta R.T. 0.024 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

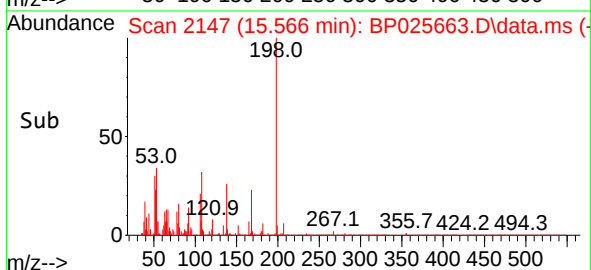
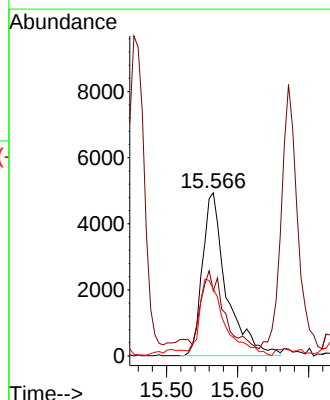
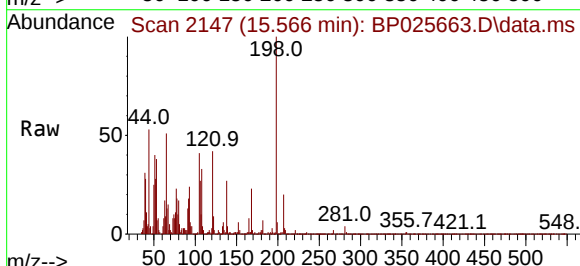
Tgt Ion:198 Resp: 11556

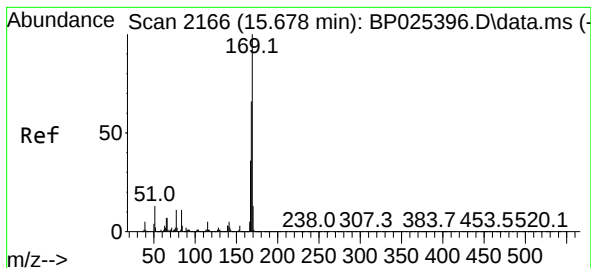
Ion Ratio Lower Upper

198 100

51 39.9 19.6 59.6

105 41.0 20.9 60.9





#66

n-Nitrosodiphenylamine

Concen: 3.447 ng

RT: 15.672 min Scan# 2166

Delta R.T. -0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

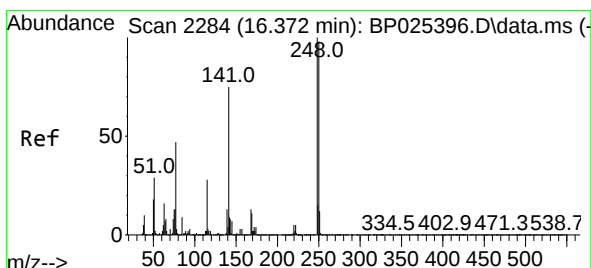
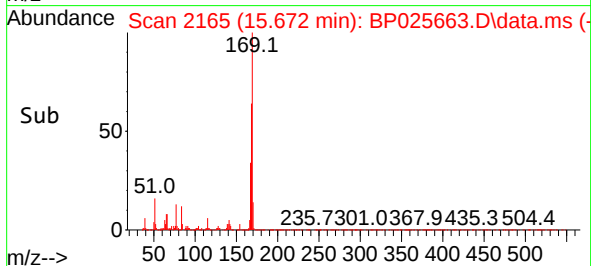
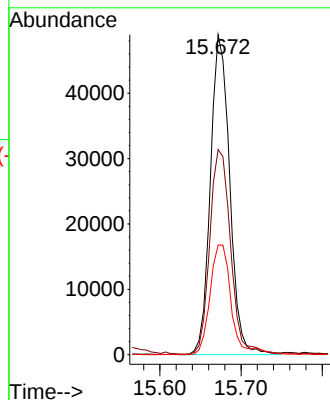
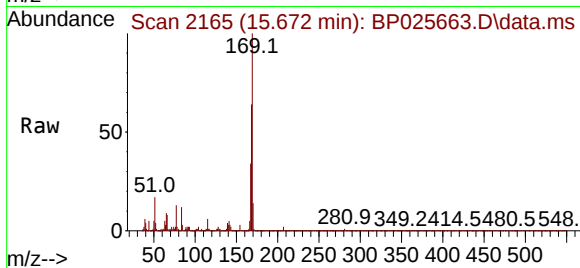
Tgt Ion:169 Resp: 80805

Ion Ratio Lower Upper

169 100

168 64.1 53.2 79.8

167 34.2 28.7 43.1



#67

4-Bromophenyl-phenylether

Concen: 3.576 ng

RT: 16.366 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

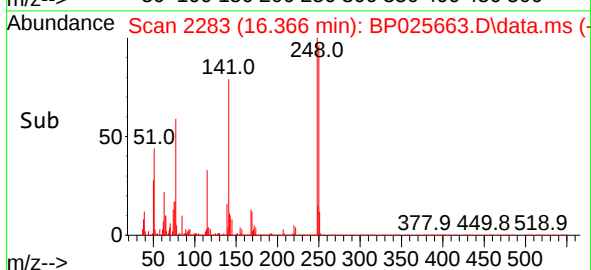
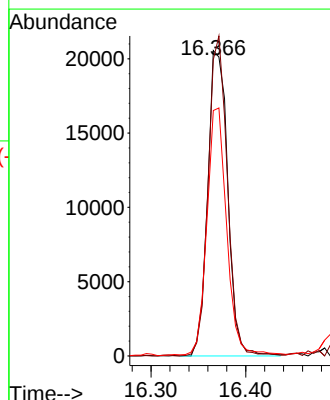
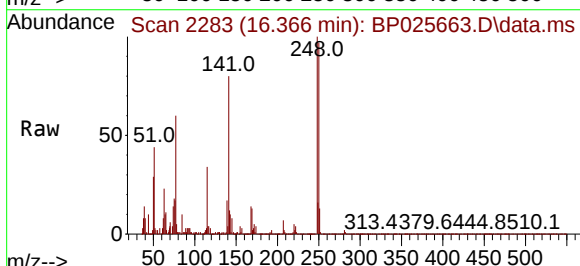
Tgt Ion:248 Resp: 30230

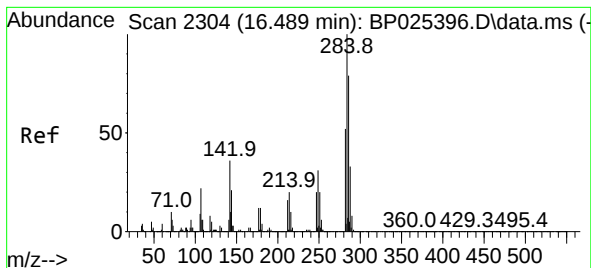
Ion Ratio Lower Upper

248 100

250 97.0 78.2 117.2

141 80.4 59.6 89.4





#68

Hexachlorobenzene

Concen: 3.777 ng

RT: 16.495 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

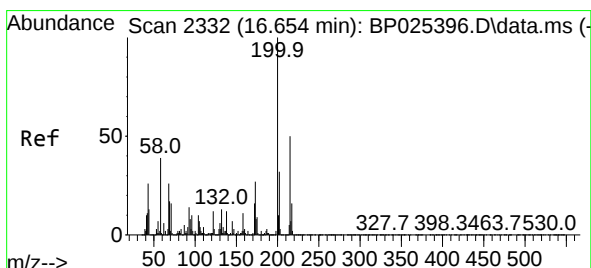
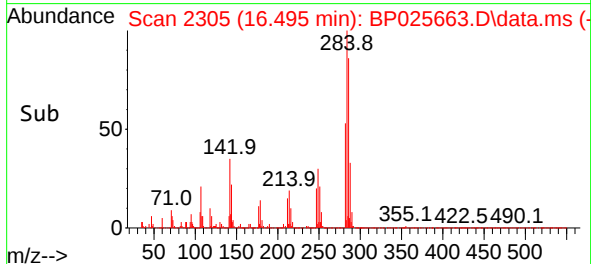
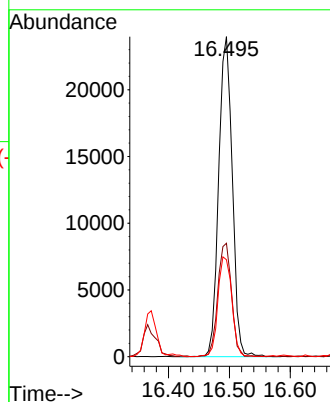
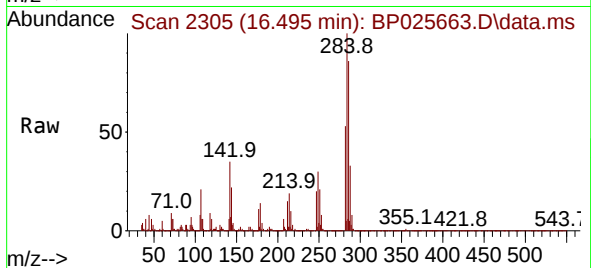
Tgt Ion:284 Resp: 37020

Ion Ratio Lower Upper

284 100

142 35.4 29.1 43.7

249 30.3 25.0 37.4



#69

Atrazine

Concen: 3.516 ng

RT: 16.648 min Scan# 2331

Delta R.T. -0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

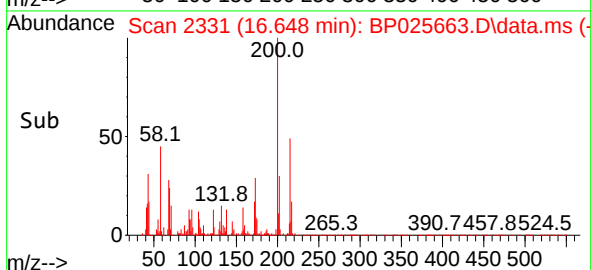
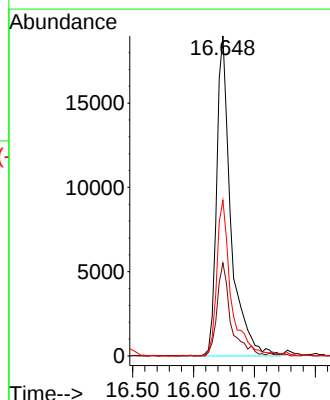
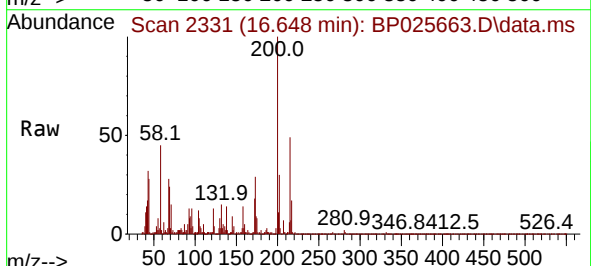
Tgt Ion:200 Resp: 30865

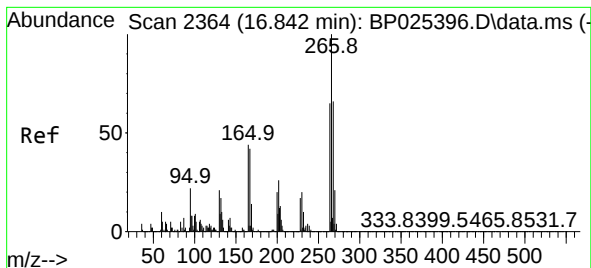
Ion Ratio Lower Upper

200 100

173 29.0 6.7 46.7

215 48.6 29.7 69.7





#70

Pentachlorophenol

Concen: 2.664 ng

RT: 16.866 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

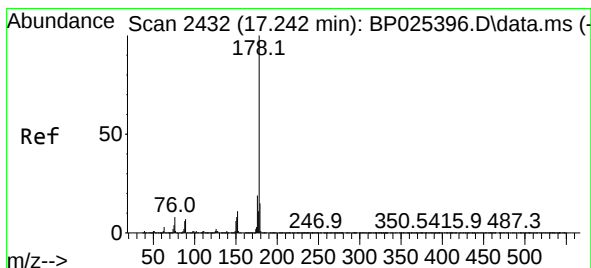
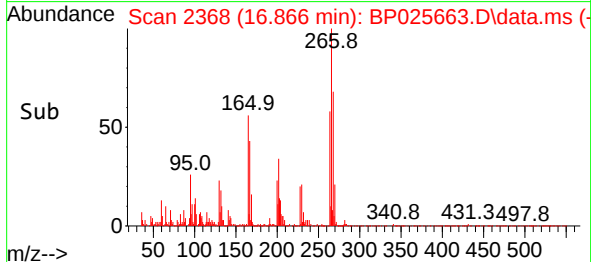
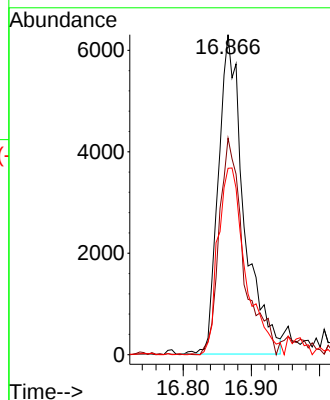
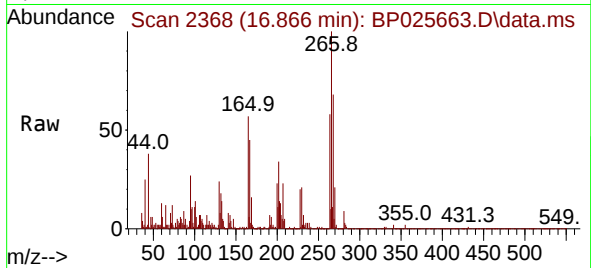
Tgt Ion:266 Resp: 16480

Ion Ratio Lower Upper

266 100

268 67.6 52.6 79.0

264 58.3 52.0 78.0



#71

Phenanthrene

Concen: 3.735 ng

RT: 17.242 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

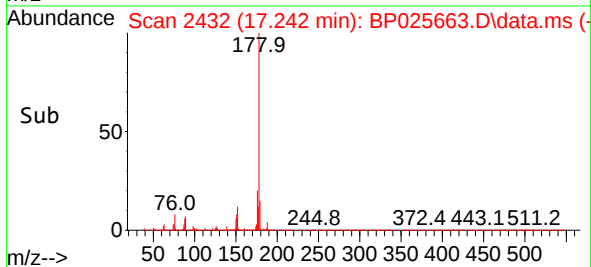
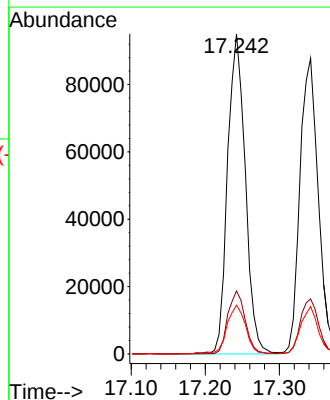
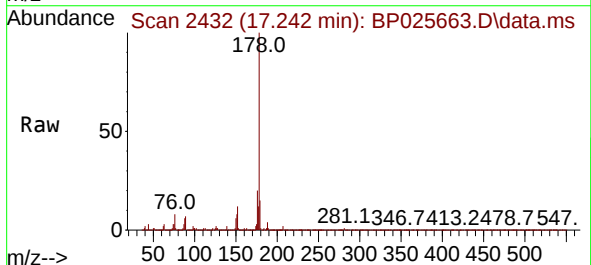
Tgt Ion:178 Resp: 157728

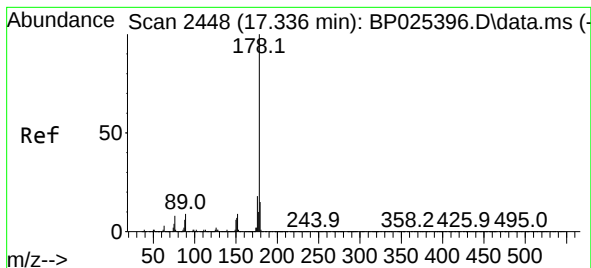
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.2 12.2 18.4





#72

Anthracene

Concen: 3.492 ng

RT: 17.342 min Scan# 2448

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

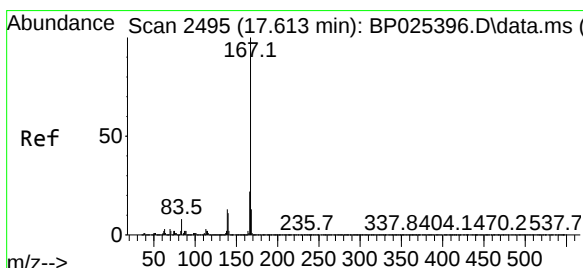
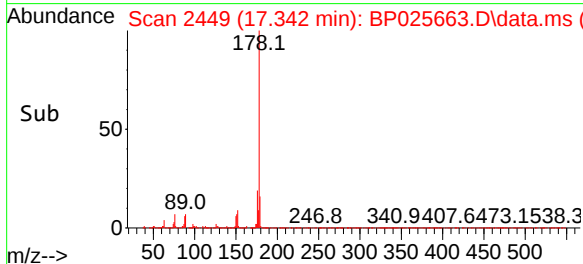
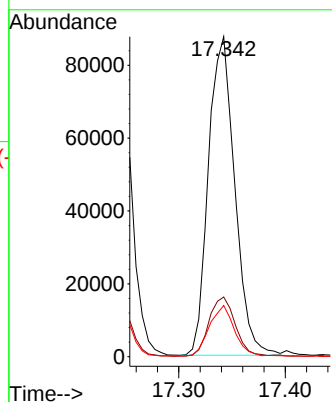
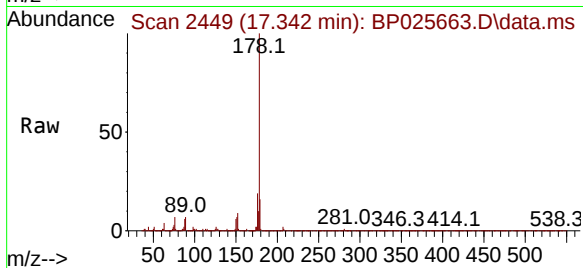
Tgt Ion:178 Resp: 150586

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 16.0 12.2 18.2



#73

Carbazole

Concen: 3.368 ng

RT: 17.630 min Scan# 2498

Delta R.T. 0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

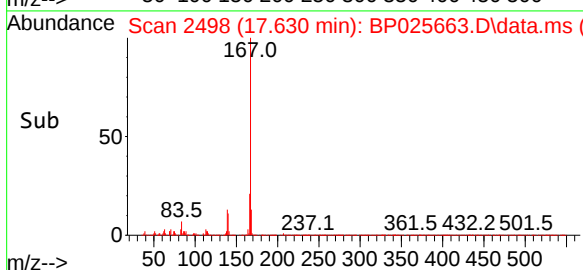
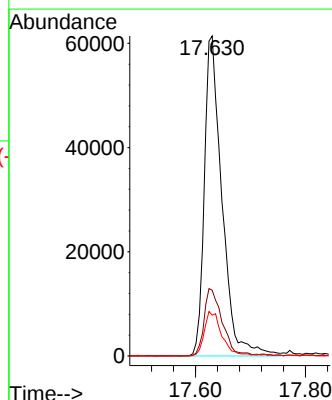
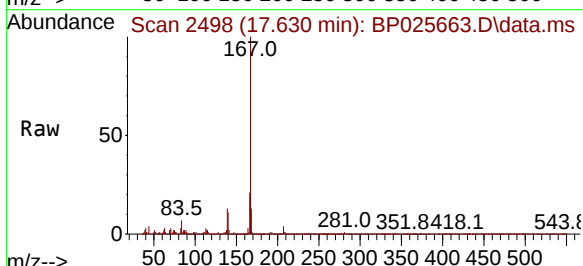
Tgt Ion:167 Resp: 136788

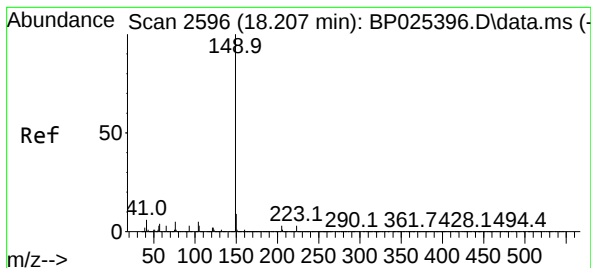
Ion Ratio Lower Upper

167 100

166 20.6 17.5 26.3

139 12.8 10.6 16.0





#74

Di-n-butylphthalate

Concen: 3.650 ng

RT: 18.201 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

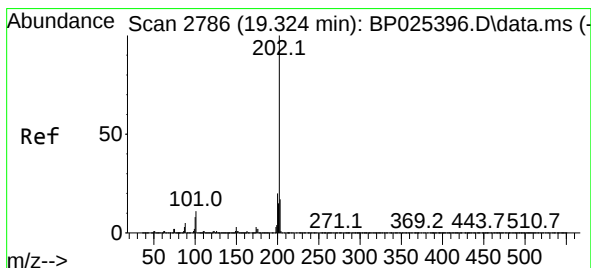
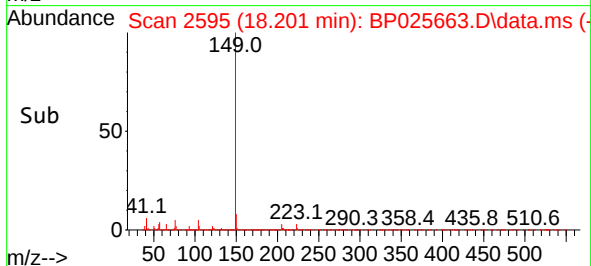
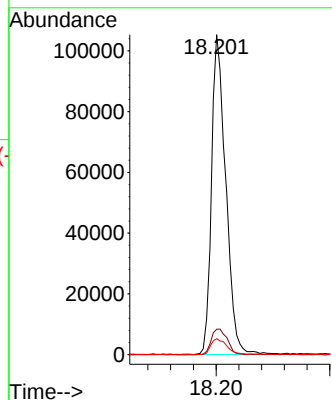
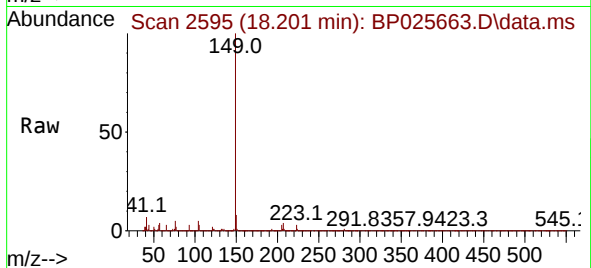
Tgt Ion:149 Resp: 182426

Ion Ratio Lower Upper

149 100

150 7.9 7.4 11.0

104 5.0 4.2 6.2



#75

Fluoranthene

Concen: 3.701 ng

RT: 19.330 min Scan# 2787

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

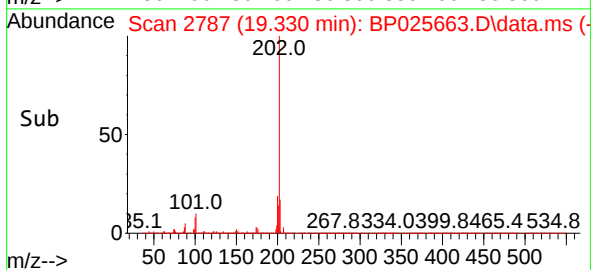
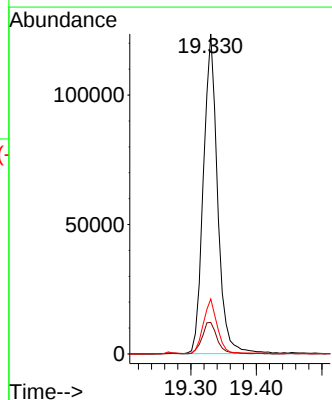
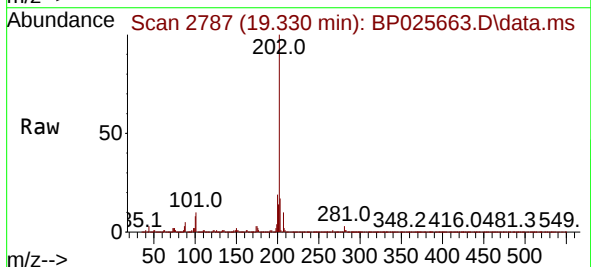
Tgt Ion:202 Resp: 186404

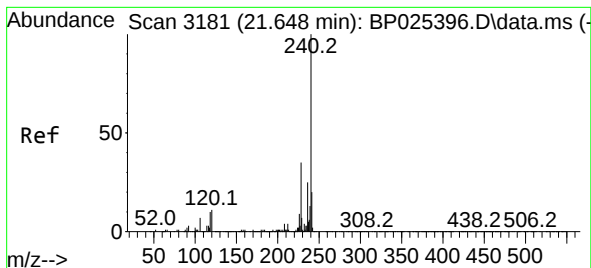
Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.1

203 17.2 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

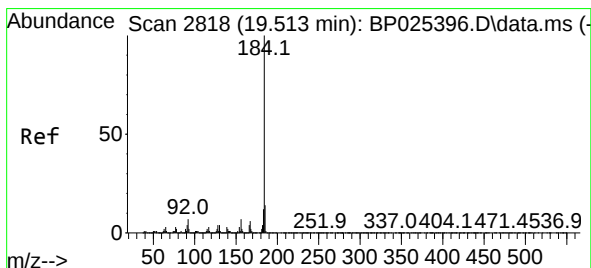
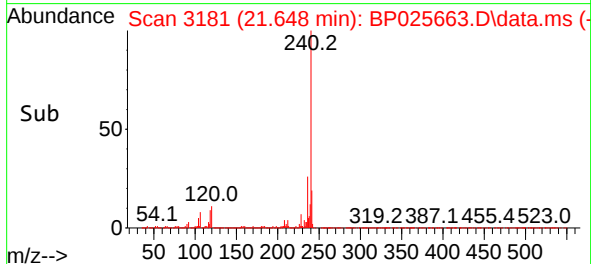
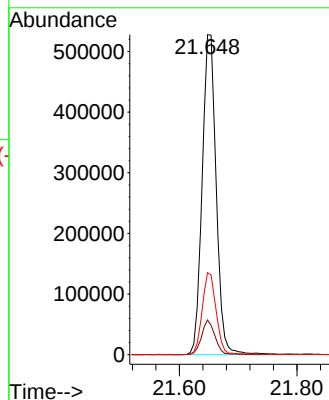
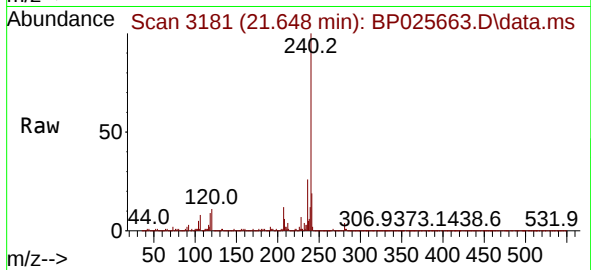
Tgt Ion:240 Resp: 875396

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.6 19.8 29.8



#77

Benzidine

Concen: 2.704 ng

RT: 19.542 min Scan# 2823

Delta R.T. 0.029 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

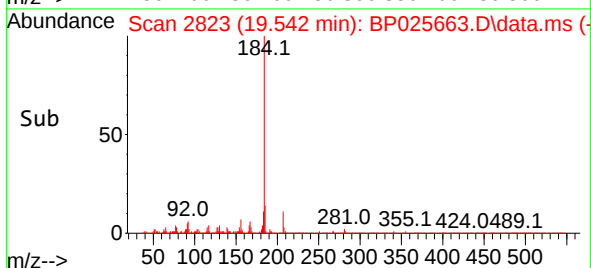
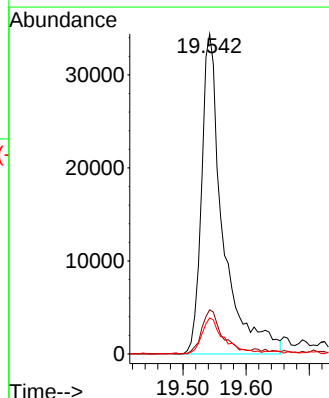
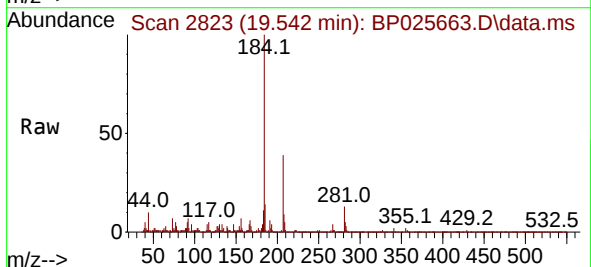
Tgt Ion:184 Resp: 80776

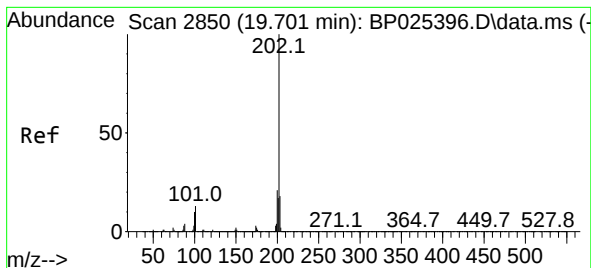
Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.2 9.4 14.2





#78

Pyrene

Concen: 3.398 ng

RT: 19.707 min Scan# 2850

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

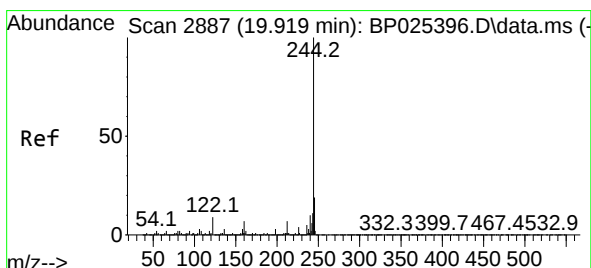
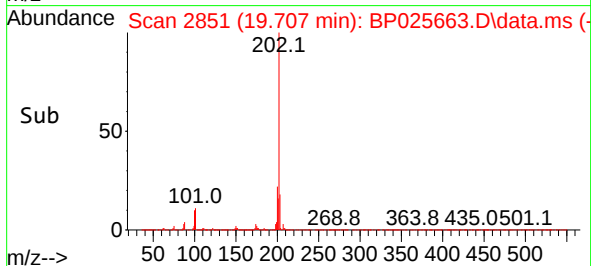
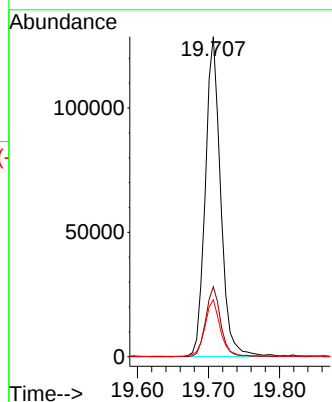
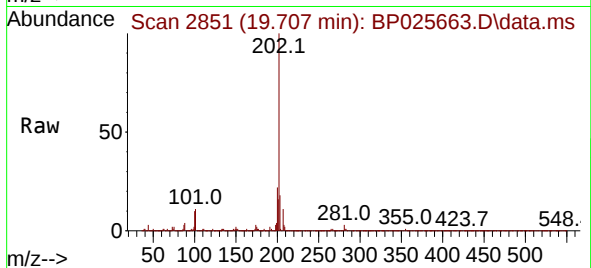
Tgt Ion:202 Resp: 193343

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

203 17.8 14.2 21.2



#79

Terphenyl-d14

Concen: 74.991 ng

RT: 19.924 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

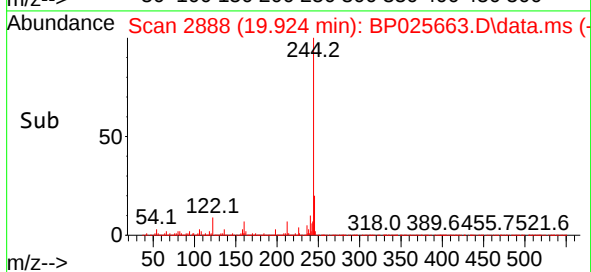
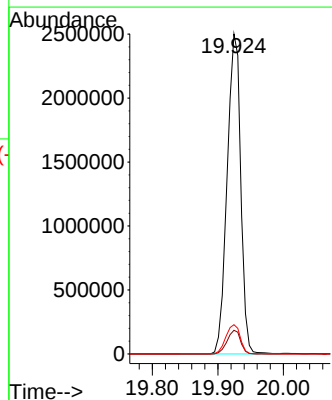
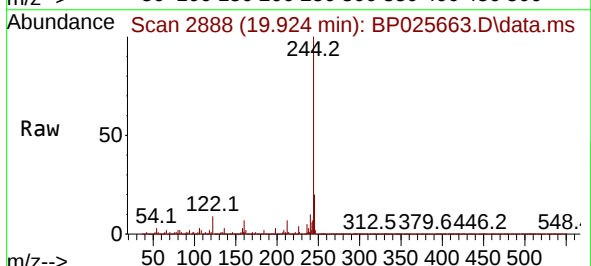
Tgt Ion:244 Resp: 3588103

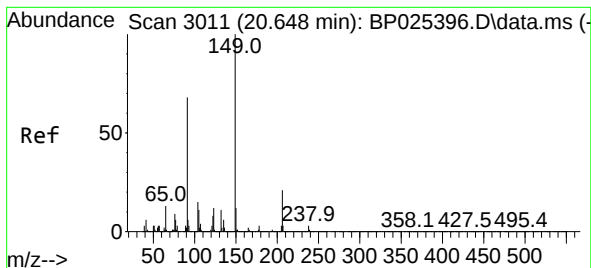
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.2 7.4 11.2





#80

Butylbenzylphthalate

Concen: 3.259 ng

RT: 20.648 min Scan# 3011

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

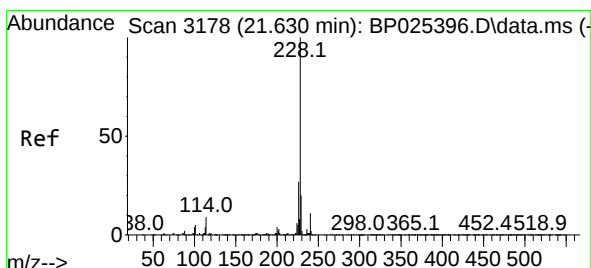
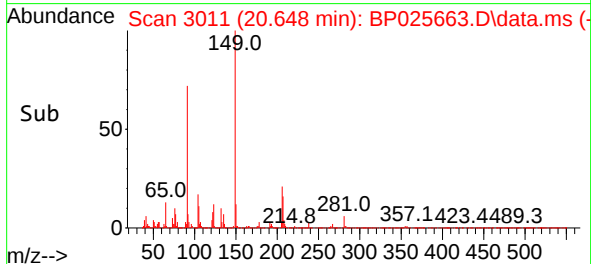
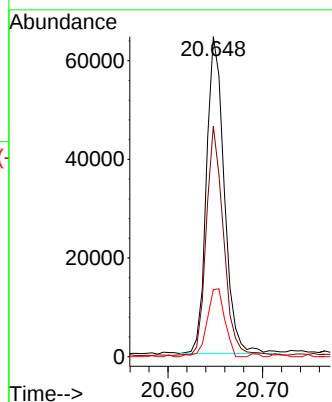
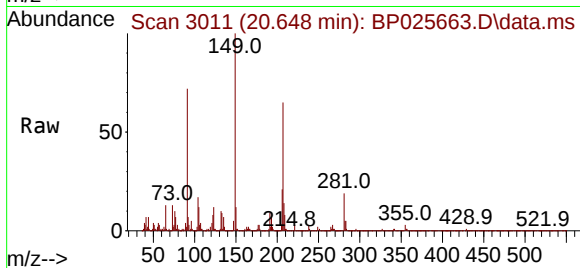
Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	149	Resp:	84031
Ion	Ratio	Lower	Upper
149	100		
91	72.1	54.2	81.2
206	20.9	16.6	24.8



#81

Benzo(a)anthracene

Concen: 3.512 ng

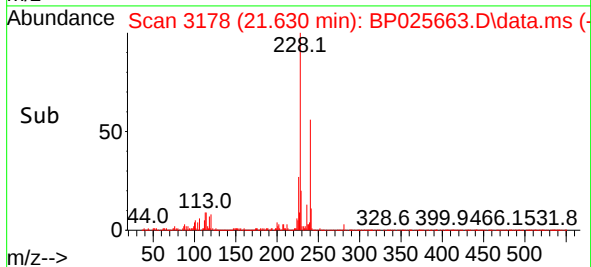
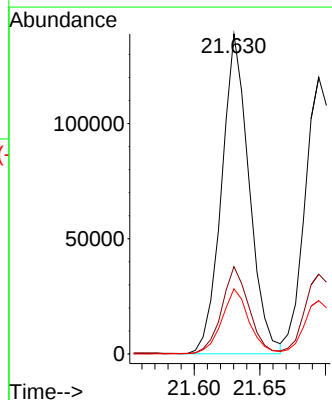
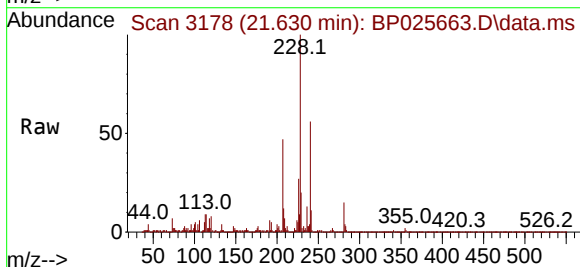
RT: 21.630 min Scan# 3178

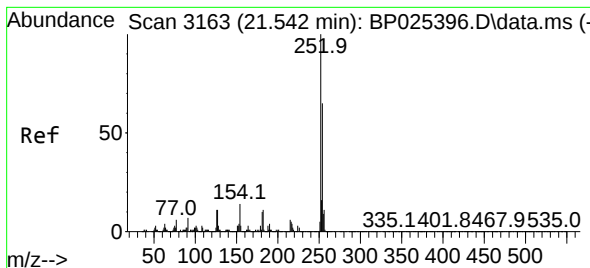
Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:	228	Resp:	202771
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	20.4	15.6	23.4





#82

3,3'-Dichlorobenzidine

Concen: 3.015 ng

RT: 21.560 min Scan# 3166

Delta R.T. 0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

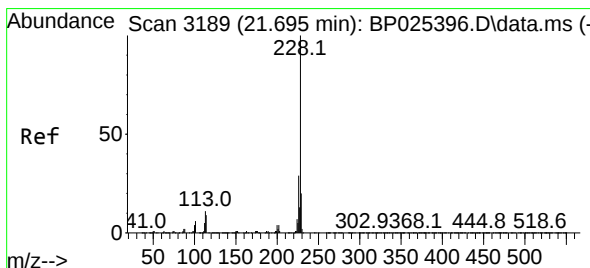
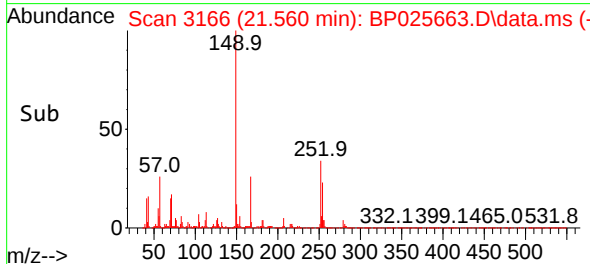
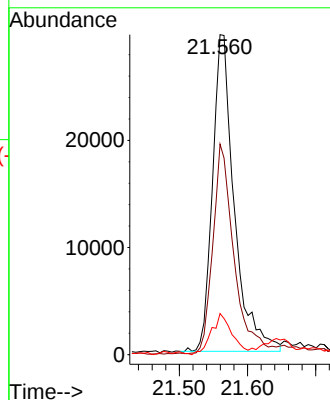
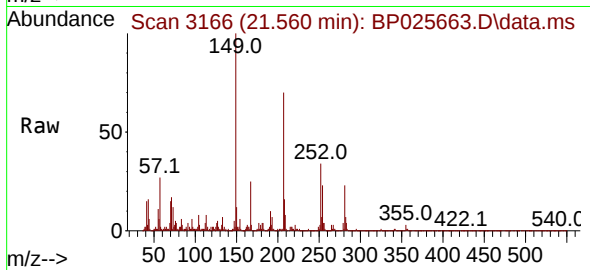
Tgt Ion:252 Resp: 65599

Ion Ratio Lower Upper

252 100

254 65.8 51.8 77.6

126 12.8 9.1 13.7



#83

Chrysene

Concen: 3.701 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

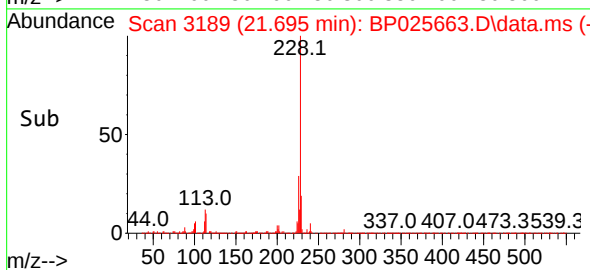
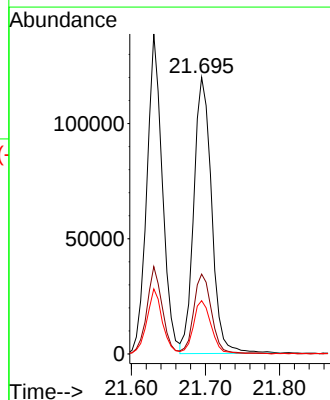
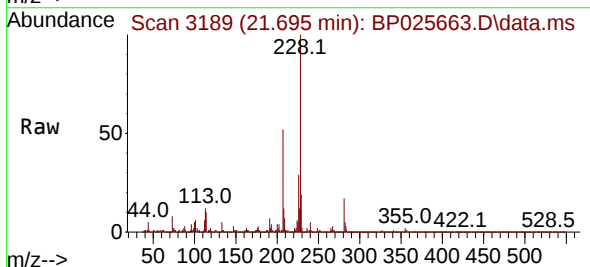
Tgt Ion:228 Resp: 200105

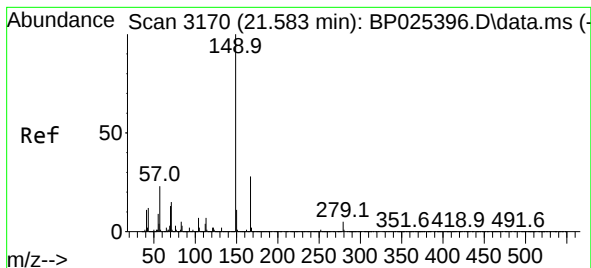
Ion Ratio Lower Upper

228 100

226 28.9 23.2 34.8

229 19.3 15.6 23.4

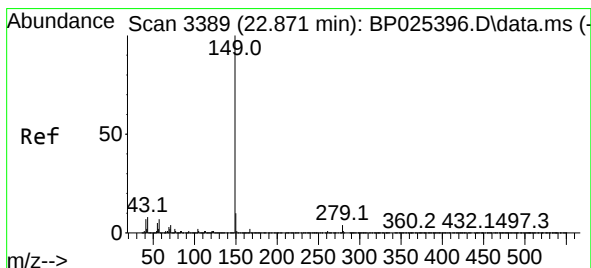
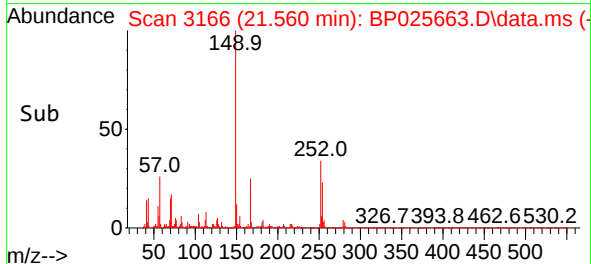
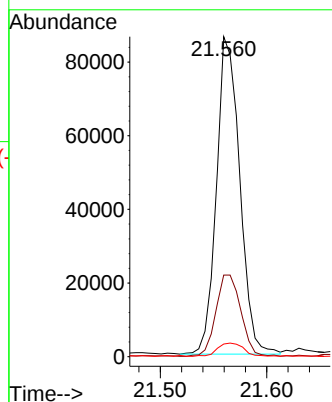
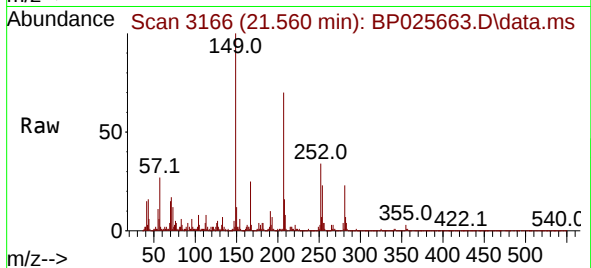




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.442 ng
 RT: 21.560 min Scan# 3166
 Delta R.T. -0.024 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

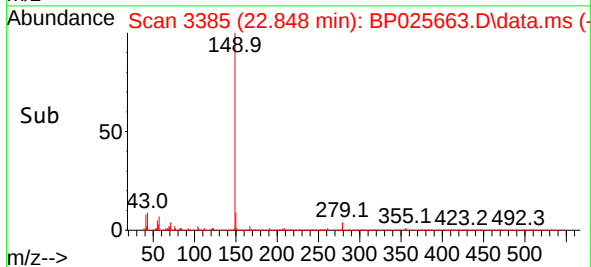
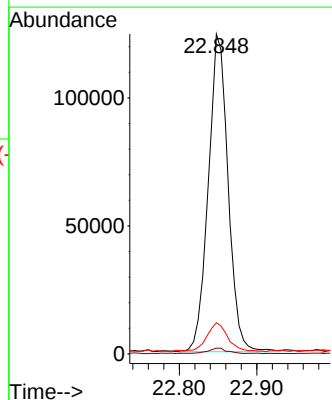
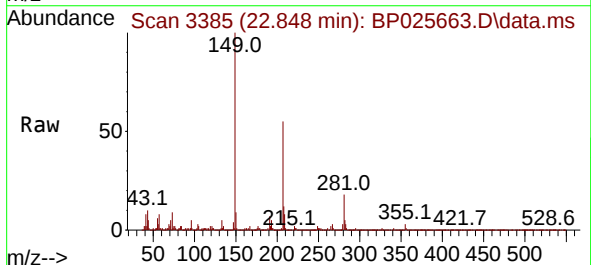
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

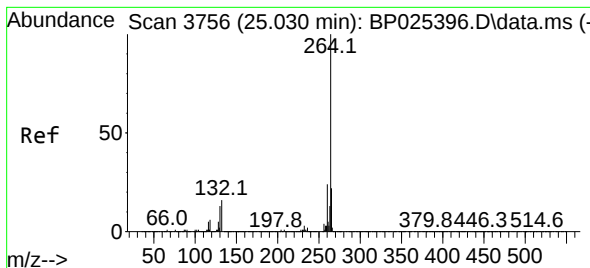
Tgt Ion:149 Resp: 130667
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.1 33.1
 279 3.9 3.8 5.6



#85
 Di-n-octyl phthalate
 Concen: 3.380 ng
 RT: 22.848 min Scan# 3385
 Delta R.T. -0.024 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

Tgt Ion:149 Resp: 220658
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.1 6.3 9.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.030 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

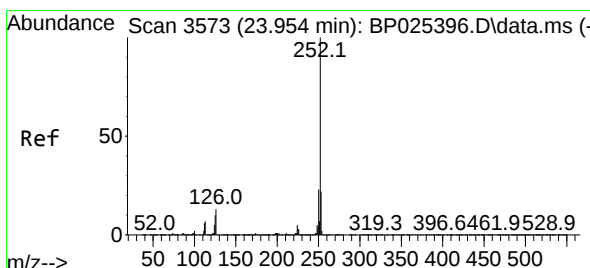
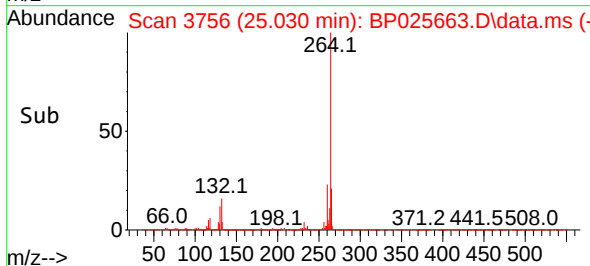
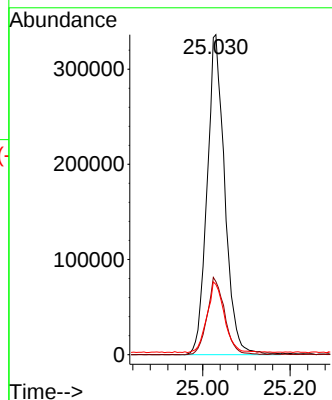
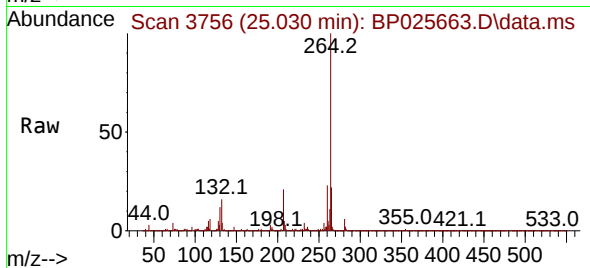
Tgt Ion:264 Resp: 943895

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 22.0 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 3.544 ng

RT: 23.965 min Scan# 3575

Delta R.T. 0.012 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

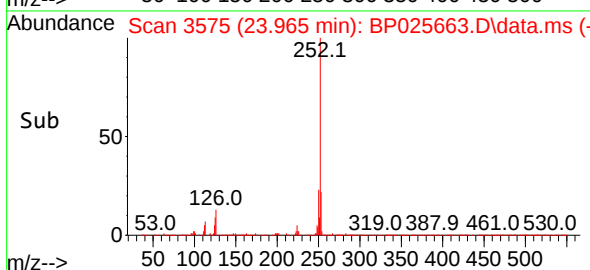
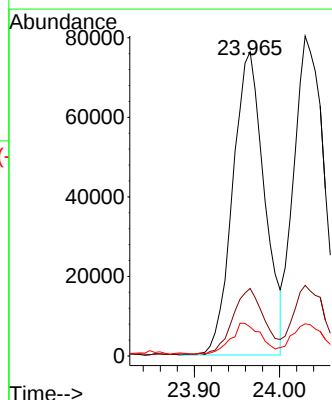
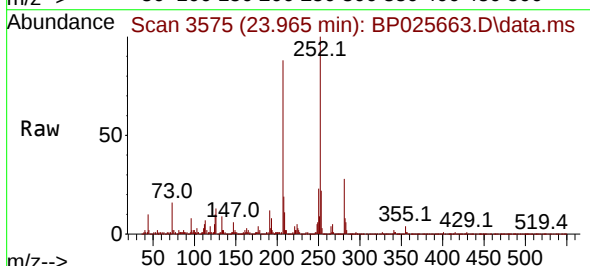
Tgt Ion:252 Resp: 197251

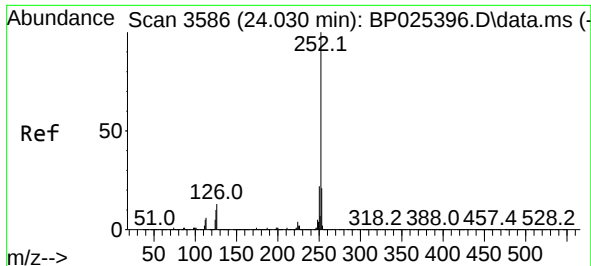
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.6 7.9 11.9

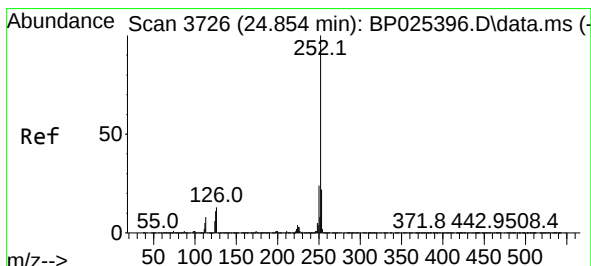
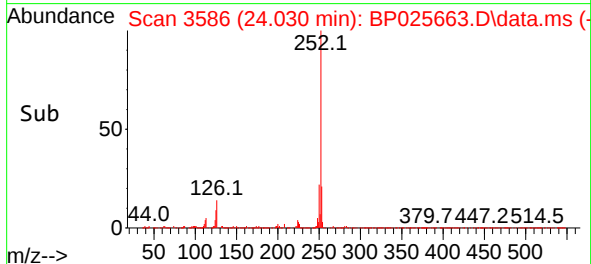
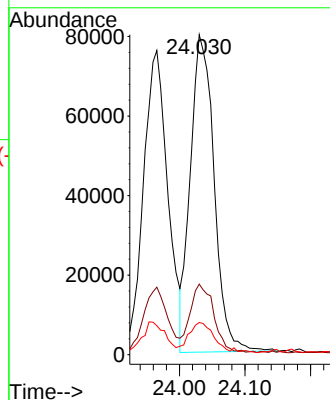
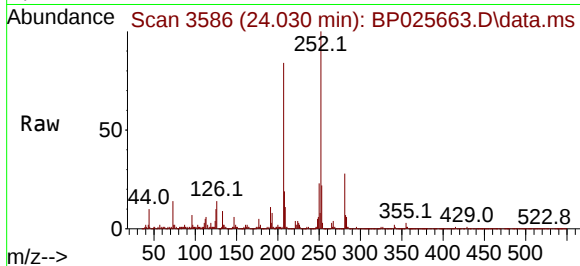




#89
Benzo(k)fluoranthene
Concen: 3.603 ng
RT: 24.030 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:252 Resp: 200694
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 3.500 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:252 Resp: 189646
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.4 8.7 13.1

