

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026158.D
 Acq On : 19 Nov 2025 14:50
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL- 10ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 15:11:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.619	152	287372	20.000	ng	-0.05
21) Naphthalene-d8	10.402	136	1145211	20.000	ng	-0.05
39) Acenaphthene-d10	14.295	164	731810	20.000	ng	-0.03
64) Phenanthrene-d10	17.125	188	1483397	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1676242	20.000	ng	0.00
86) Perylene-d12	24.907	264	1845784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2042106	114.060	ng	-0.05
7) Phenol-d6	6.796	99	2628563	115.324	ng	-0.06
23) Nitrobenzene-d5	8.766	82	1710230	84.827	ng	-0.05
42) 2,4,6-Tribromophenol	15.831	330	1076009	113.343	ng	0.00
45) 2-Fluorobiphenyl	12.896	172	4122135	82.554	ng	-0.04
79) Terphenyl-d14	19.872	244	6628754	80.635	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.190	88	72446	9.976	ng	99
3) Pyridine	3.584	79	182103	8.677	ng	98
4) n-Nitrosodimethylamine	3.490	42	75828	9.668	ng	# 97
6) Aniline	6.949	93	273618	9.092	ng	98
8) 2-Chlorophenol	7.190	128	186611	9.157	ng	97
9) Benzaldehyde	6.766	77	153412	12.844	ng	98
10) Phenol	6.825	94	223168	9.089	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	174643	9.084	ng	100
12) 1,3-Dichlorobenzene	7.513	146	211814	9.647	ng	99
13) 1,4-Dichlorobenzene	7.655	146	210286	9.505	ng	99
14) 1,2-Dichlorobenzene	7.966	146	204910	9.645	ng	99
15) Benzyl Alcohol	7.855	79	145675	8.724	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.149	45	255232	9.453	ng	98
17) 2-Methylphenol	8.055	107	144006	8.615	ng	97
18) Hexachloroethane	8.696	117	74475	9.252	ng	98
19) n-Nitroso-di-n-propyla...	8.413	70	128886	9.102	ng	98
20) 3+4-Methylphenols	8.378	107	193140	8.339	ng	99
22) Acetophenone	8.425	105	275972	9.481	ng	# 97
24) Nitrobenzene	8.807	77	193619	9.494	ng	98
25) Isophorone	9.337	82	355776	8.901	ng	99
26) 2-Nitrophenol	9.519	139	81806	7.927	ng	99
27) 2,4-Dimethylphenol	9.584	122	137038	7.364	ng	97
28) bis(2-Chloroethoxy)met...	9.813	93	230342	9.202	ng	99
29) 2,4-Dichlorophenol	10.055	162	158674	8.532	ng	99
30) 1,2,4-Trichlorobenzene	10.272	180	186798	9.863	ng	99
31) Naphthalene	10.449	128	577248	9.327	ng	100
32) Benzoic acid	9.655	122	84470	5.390	ng	96
33) 4-Chloroaniline	10.560	127	234378	8.905	ng	97
34) Hexachlorobutadiene	10.749	225	112598	9.141	ng	98
35) Caprolactam	11.331	113	52679	7.910	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	166518	8.424	ng	98
37) 2-Methylnaphthalene	12.090	142	363507	8.285	ng	98
38) 1-Methylnaphthalene	12.301	142	387317	9.031	ng	98
40) 1,2,4,5-Tetrachloroben...	12.466	216	210123	9.496	ng	100
41) Hexachlorocyclopentadiene	12.454	237	95310	6.581	ng	99
43) 2,4,6-Trichlorophenol	12.713	196	130618	8.610	ng	97

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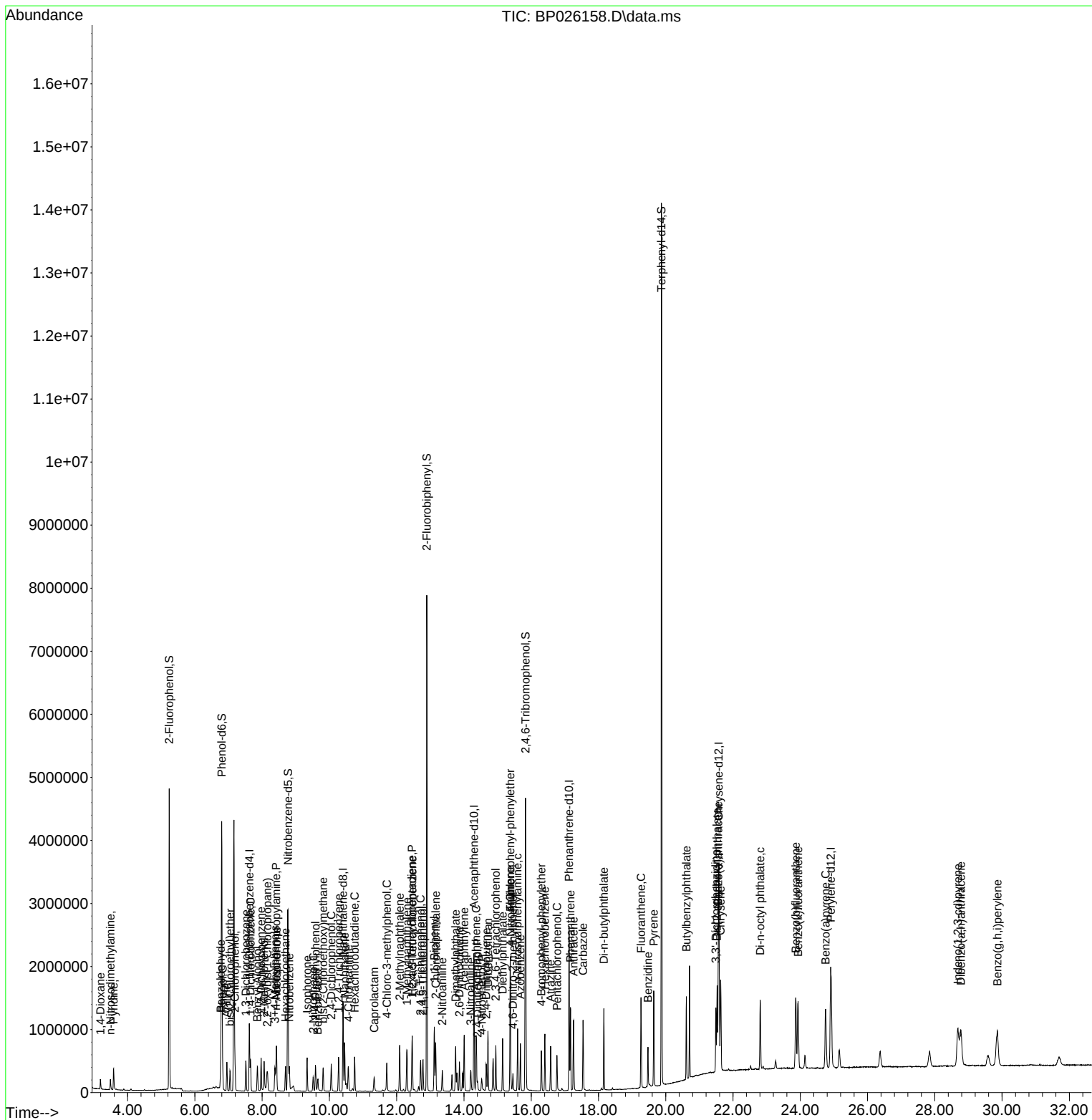
Instrument :
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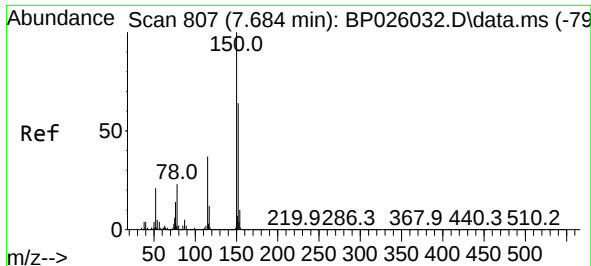
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	137439	8.116	ng	97
46) 1,1'-Biphenyl	13.119	154	529571	9.610	ng	99
47) 2-Chloronaphthalene	13.160	162	406470	9.380	ng	100
48) 2-Nitroaniline	13.354	65	98162	8.146	ng	95
49) Acenaphthylene	14.007	152	648731	9.076	ng	100
50) Dimethylphthalate	13.754	163	511738	9.362	ng	100
51) 2,6-Dinitrotoluene	13.866	165	98808	9.123	ng	96
52) Acenaphthene	14.360	154	404789	9.664	ng	99
53) 3-Nitroaniline	14.201	138	104411	8.188	ng	97
54) 2,4-Dinitrophenol	14.407	184	39607	6.058	ng	98
55) Dibenzofuran	14.713	168	621649	9.582	ng	99
56) 4-Nitrophenol	14.531	139	82052	7.113	ng	99
57) 2,4-Dinitrotoluene	14.660	165	135749	8.394	ng	97
58) Fluorene	15.378	166	493884	9.631	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	129530	9.017	ng	99
60) Diethylphthalate	15.148	149	508534	9.236	ng	100
61) 4-Chlorophenyl-phenyle...	15.378	204	242410	9.501	ng	97
62) 4-Nitroaniline	15.384	138	110005	8.307	ng	96
63) Azobenzene	15.678	77	435792	9.387	ng	98
65) 4,6-Dinitro-2-methylph...	15.454	198	64124	6.804	ng	91
66) n-Nitrosodiphenylamine	15.595	169	434233	9.463	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	151980	9.251	ng	97
68) Hexachlorobenzene	16.407	284	171567	9.000	ng	98
69) Atrazine	16.578	200	157583	9.107	ng	99
70) Pentachlorophenol	16.766	266	105070	7.879	ng	99
71) Phenanthrene	17.166	178	798571	9.557	ng	99
72) Anthracene	17.260	178	778539	9.135	ng	99
73) Carbazole	17.542	167	753456	9.308	ng	99
74) Di-n-butylphthalate	18.160	149	867959	9.044	ng	99
75) Fluoranthene	19.266	202	949423	9.351	ng	98
77) Benzidine	19.472	184	385018	7.238	ng	99
78) Pyrene	19.642	202	996618	9.068	ng	99
80) Butylbenzylphthalate	20.613	149	401340	8.292	ng	99
81) Benzo(a)anthracene	21.560	228	1058347	9.193	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	367825	8.786	ng	98
83) Chrysene	21.630	228	1041917	9.603	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	632603	8.634	ng	98
85) Di-n-octyl phthalate	22.807	149	1025884	8.007	ng	99
87) Indeno(1,2,3-cd)pyrene	28.683	276	1259995	9.102	ng	98
88) Benzo(b)fluoranthene	23.866	252	1089112	9.689	ng	100
89) Benzo(k)fluoranthene	23.936	252	1077360	9.596	ng	99
90) Benzo(a)pyrene	24.754	252	1018398	9.565	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	1040020	9.178	ng	99
92) Benzo(g,h,i)perylene	29.859	276	1017436	9.033	ng	99

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

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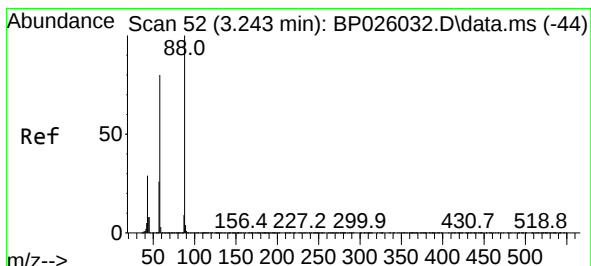
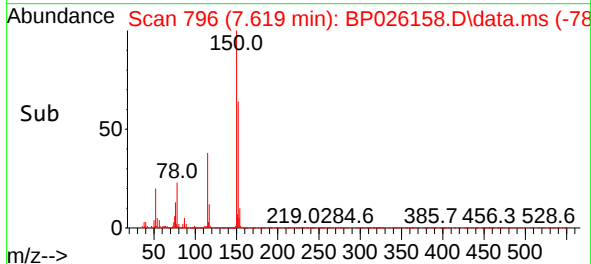
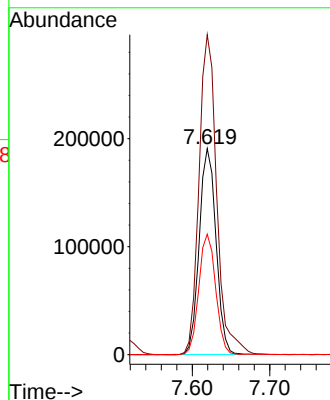
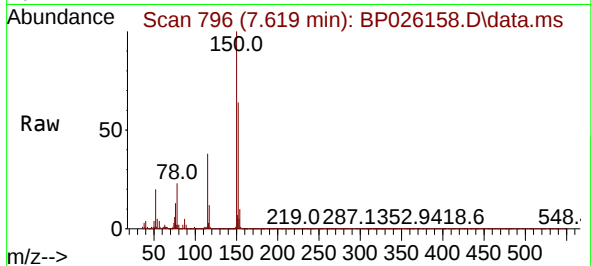




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.619 min Scan# 79
 Delta R.T. -0.053 min
 Lab File: BP026158.D
 Acq: 19 Nov 2025 14:50

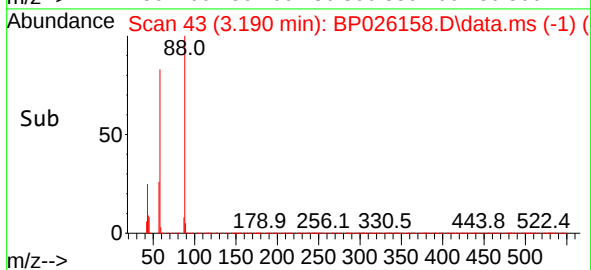
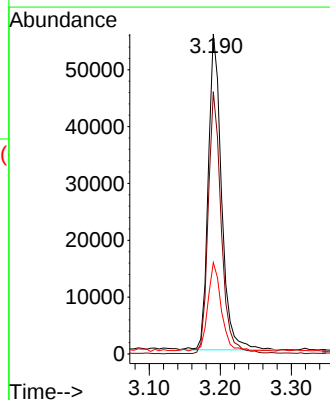
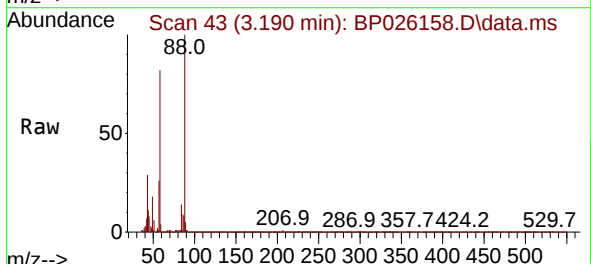
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

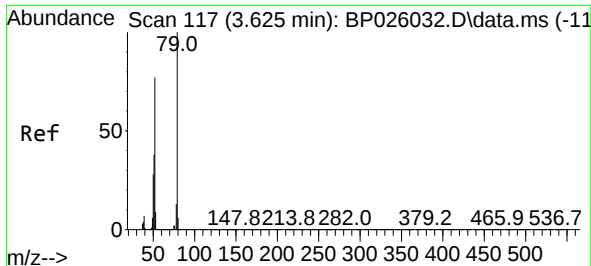
Tgt Ion:152 Resp: 287372
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.0 184.6
 115 58.4 46.3 69.5



#2
 1,4-Dioxane
 Concen: 9.976 ng
 RT: 3.190 min Scan# 43
 Delta R.T. -0.035 min
 Lab File: BP026158.D
 Acq: 19 Nov 2025 14:50

Tgt Ion: 88 Resp: 72446
 Ion Ratio Lower Upper
 88 100
 58 81.0 64.2 96.4
 43 27.9 21.5 32.3

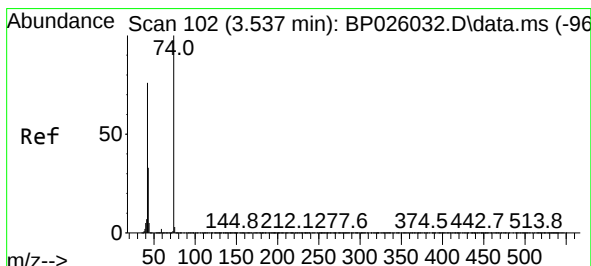
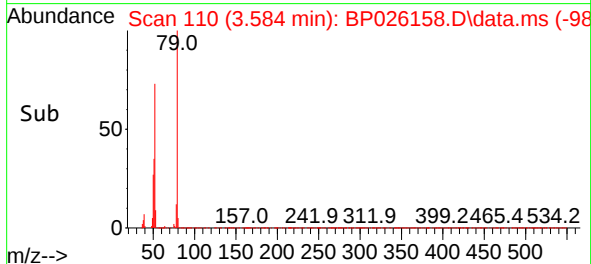
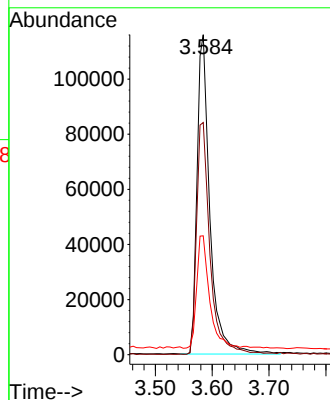
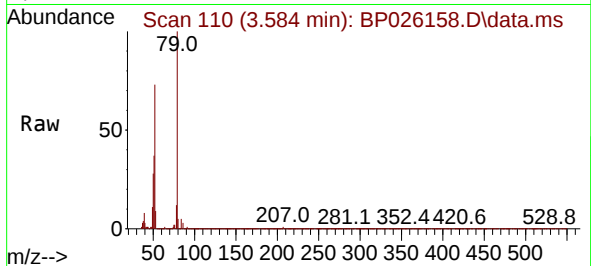




#3
Pyridine
Concen: 8.677 ng
RT: 3.584 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

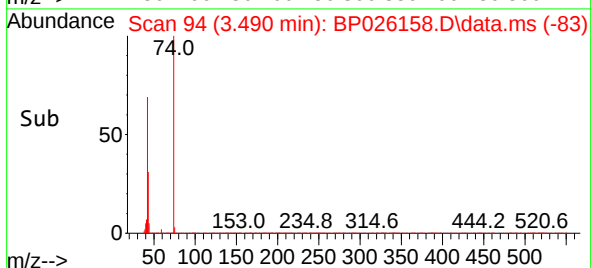
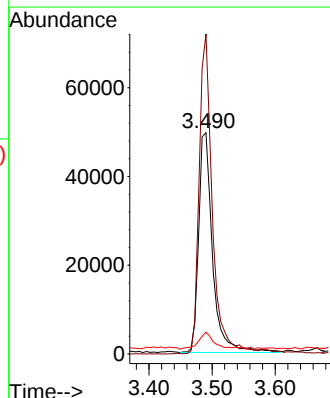
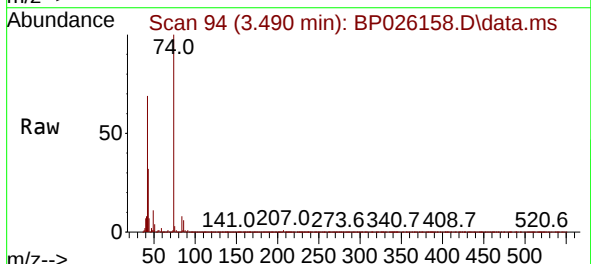
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

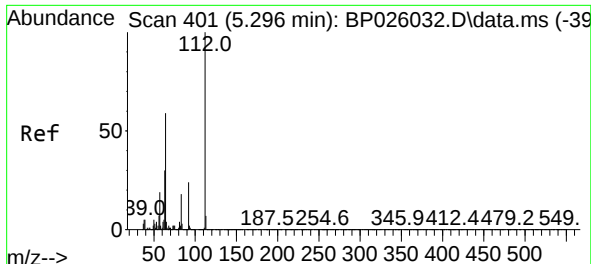
Tgt Ion: 79 Resp: 182103
Ion Ratio Lower Upper
79 100
52 72.5 60.2 90.2
51 37.1 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 9.668 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.035 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion: 42 Resp: 75828
Ion Ratio Lower Upper
42 100
74 144.6 118.1 177.1
44 9.8 6.2 9.4

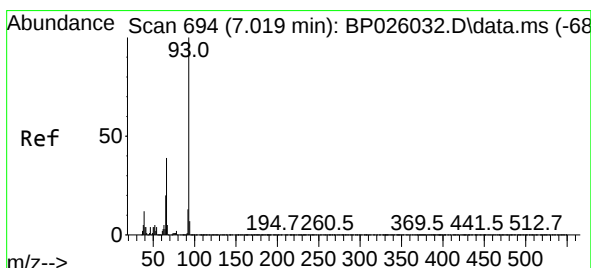
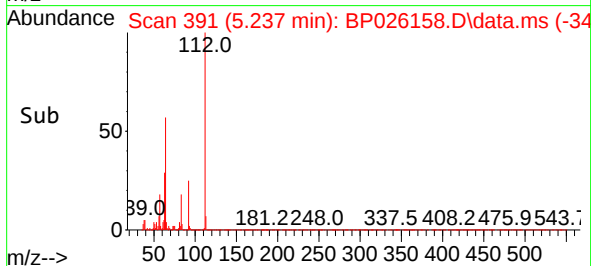
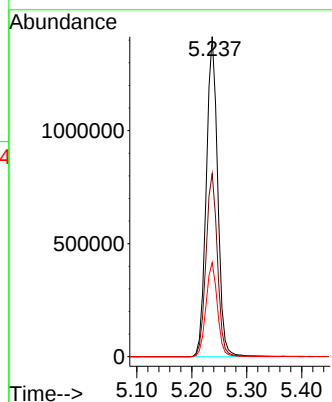
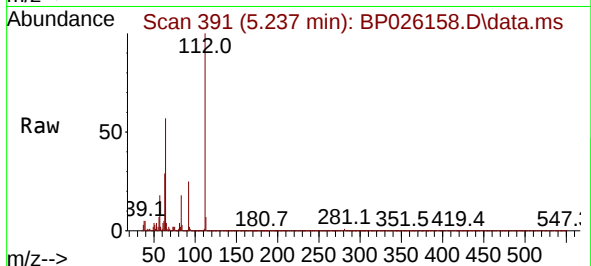




#5
2-Fluorophenol
Concen: 114.060 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

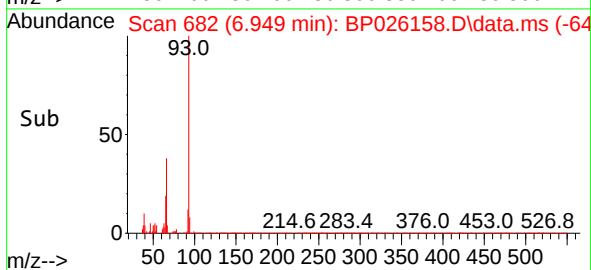
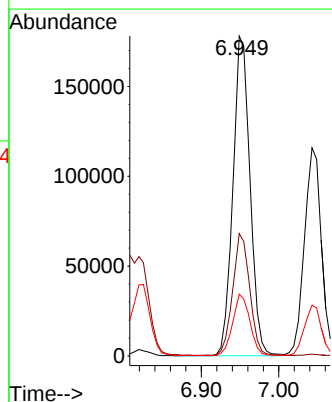
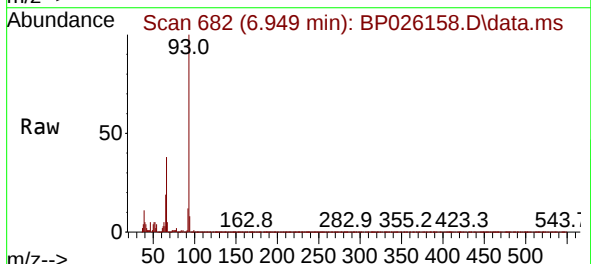
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

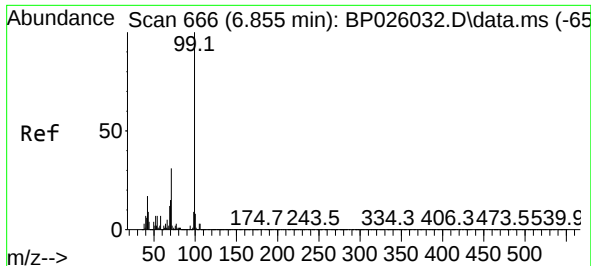
Tgt Ion:112 Resp: 2042106
Ion Ratio Lower Upper
112 100
64 57.2 45.8 68.6
63 29.4 23.5 35.3



#6
Aniline
Concen: 9.092 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion: 93 Resp: 273618
Ion Ratio Lower Upper
93 100
66 38.3 31.7 47.5
65 19.3 15.8 23.6

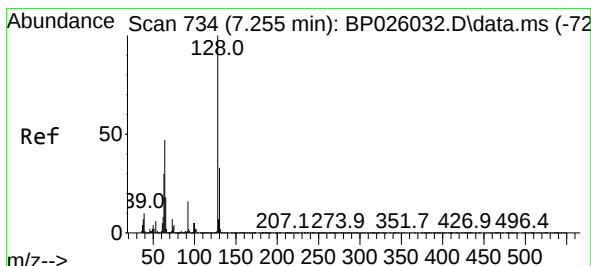
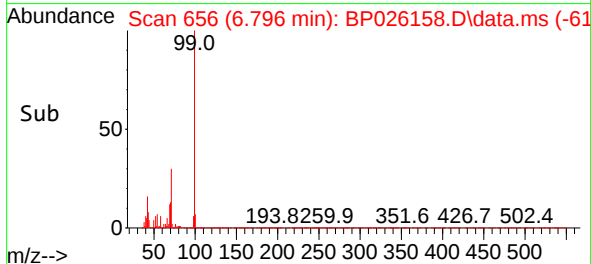
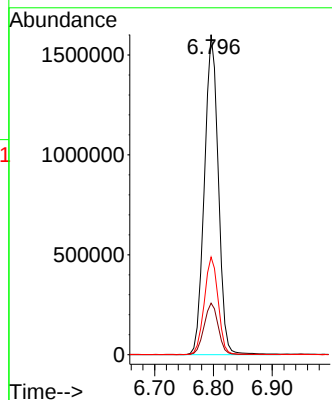
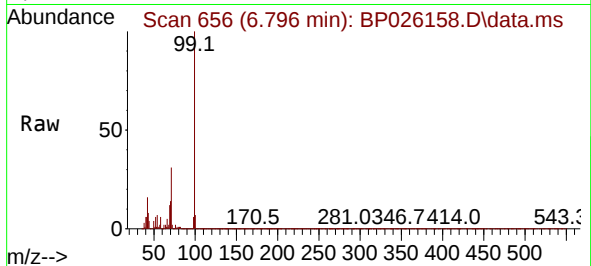




#7
Phenol-d6
Concen: 115.324 ng
RT: 6.796 min Scan# 61
Delta R.T. -0.059 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

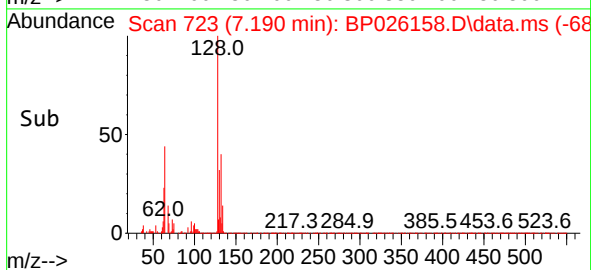
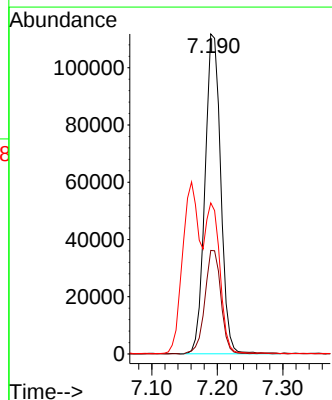
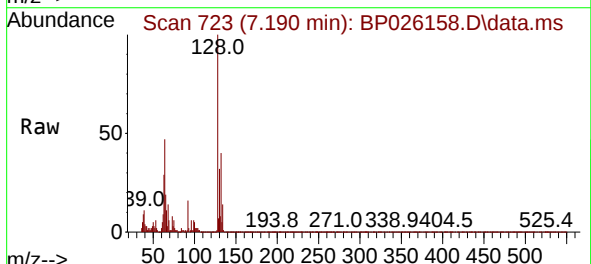
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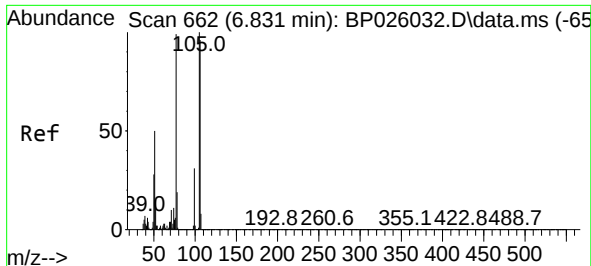
Tgt Ion: 99 Resp: 2628563
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 30.5 24.8 37.2



#8
2-Chlorophenol
Concen: 9.157 ng
RT: 7.190 min Scan# 723
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:128 Resp: 186611
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 47.2 23.9 63.9

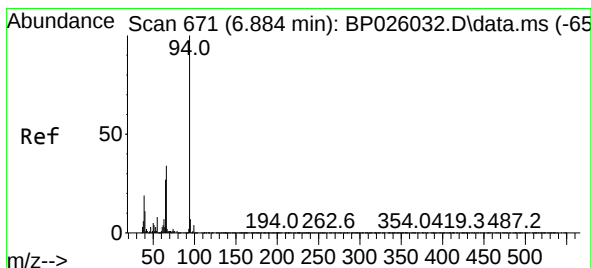
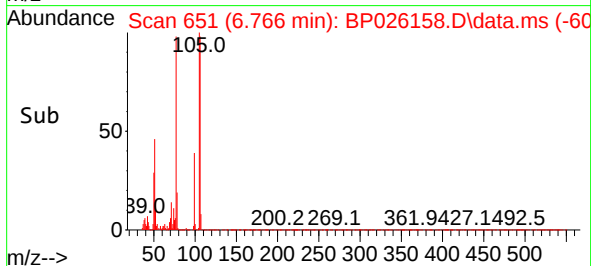
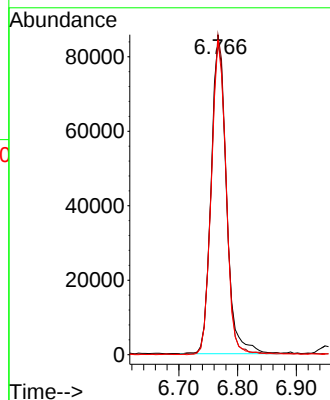
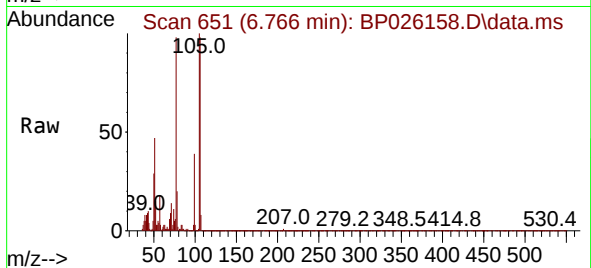




#9
Benzaldehyde
Concen: 12.844 ng
RT: 6.766 min Scan# 61
Delta R.T. -0.053 min
Lab File: BP026158.D
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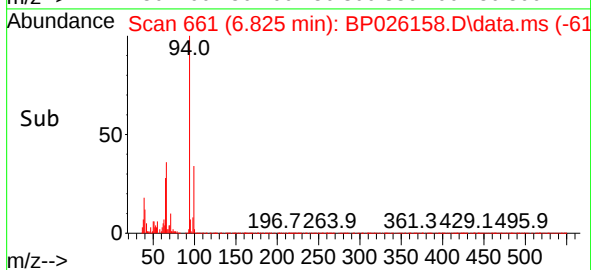
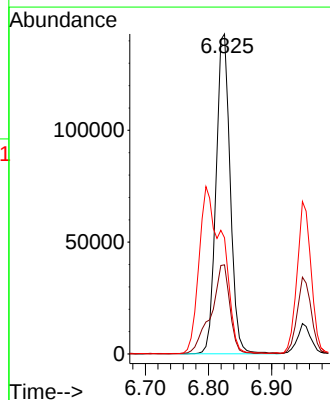
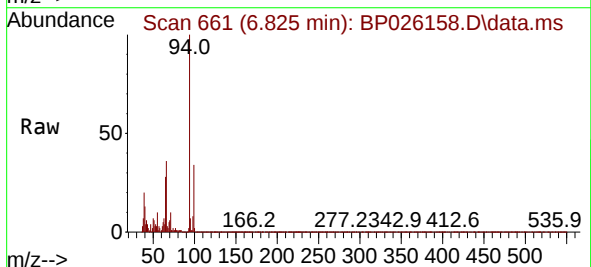
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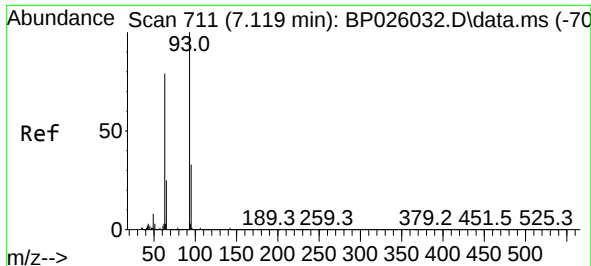
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Ion Ratio Lower Upper
77 100
105 102.0 82.9 122.9
106 100.3 77.8 117.8



#10
Phenol
Concen: 9.089 ng
RT: 6.825 min Scan# 661
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion: 94 Resp: 223168
Ion Ratio Lower Upper
94 100
65 27.9 7.0 47.0
66 36.3 14.5 54.5

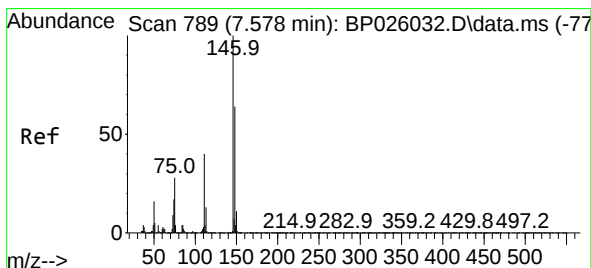
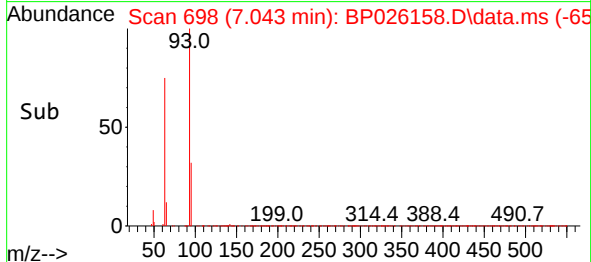
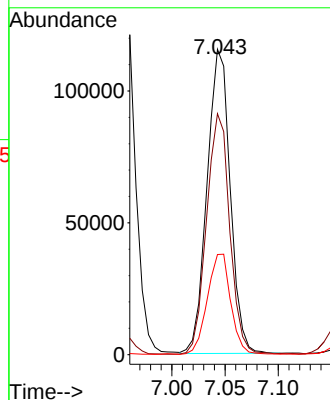
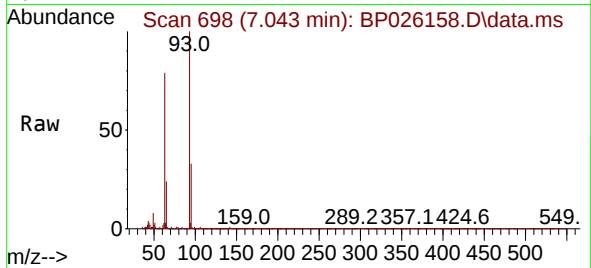




#11
bis(2-Chloroethyl)ether
Concen: 9.084 ng
RT: 7.043 min Scan# 61
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

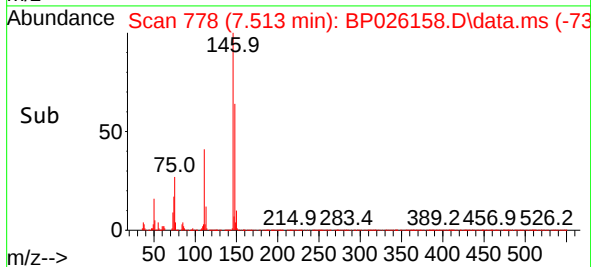
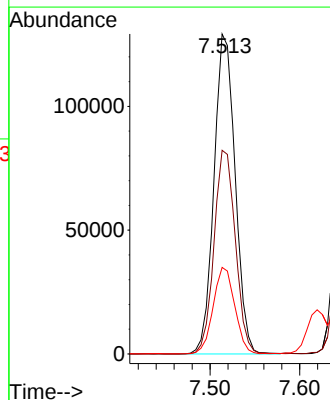
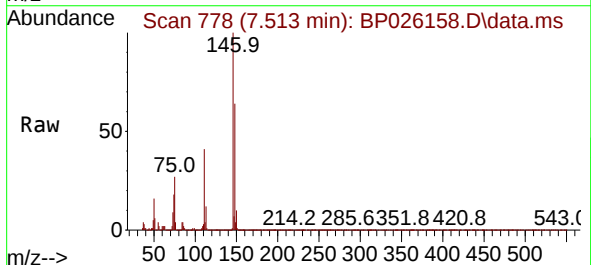
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

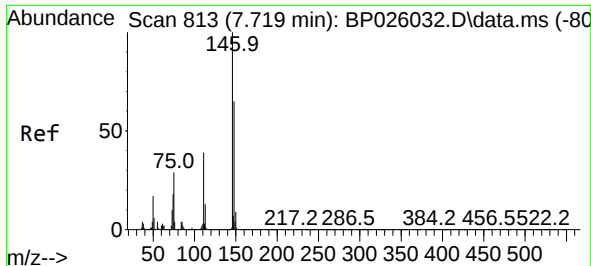
Tgt Ion: 93	Resp: 174643
Ion Ratio	Lower Upper
93 100	
63 78.9	58.8 98.8
95 32.8	12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 9.647 ng
RT: 7.513 min Scan# 778
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:146	Resp: 211814		
Ion Ratio	Lower	Upper	
146 100			
148 63.7	51.8	77.8	
75 27.1	22.2	33.2	

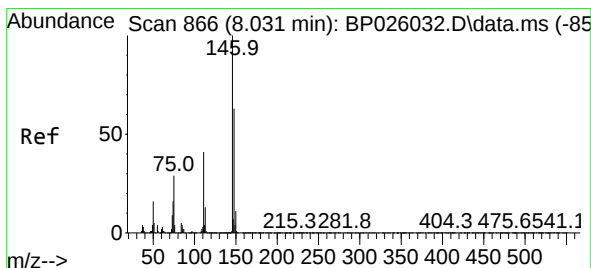
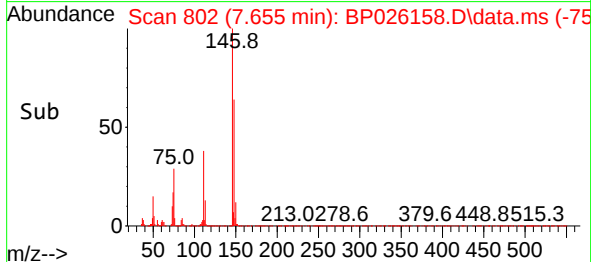
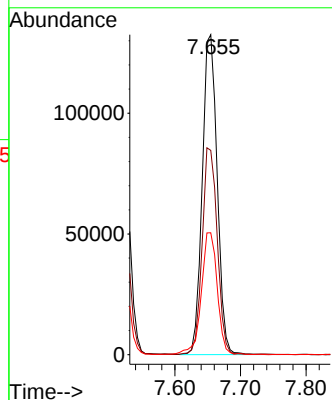
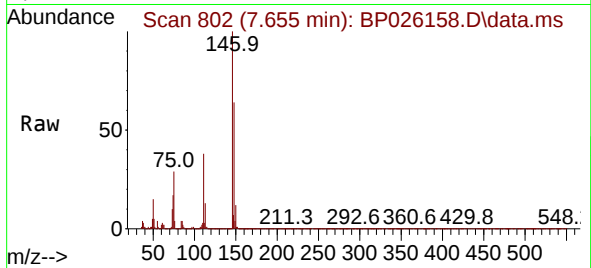




#13
1,4-Dichlorobenzene
Concen: 9.505 ng
RT: 7.655 min Scan# 801
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

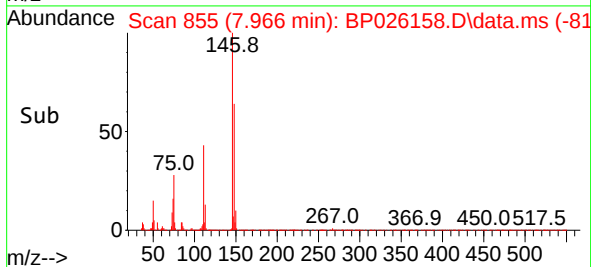
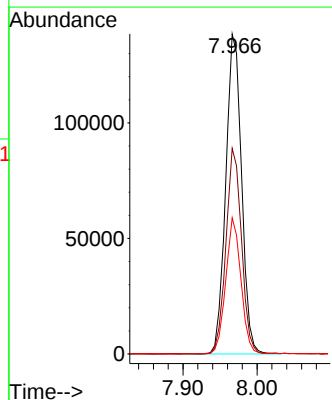
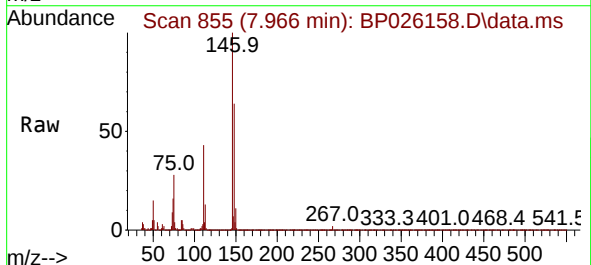
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

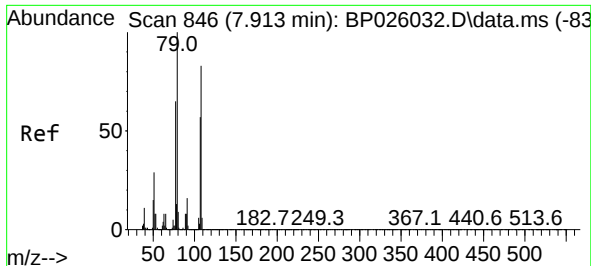
Tgt Ion:146 Resp: 210286
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
111 38.1 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 9.645 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:146 Resp: 204910
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 42.6 33.0 49.4

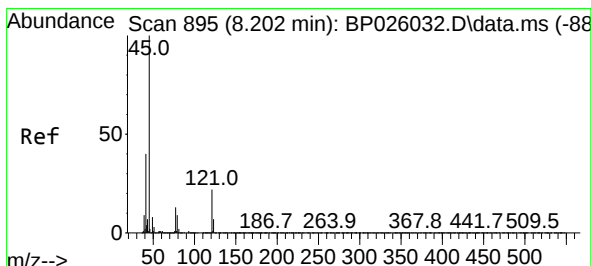
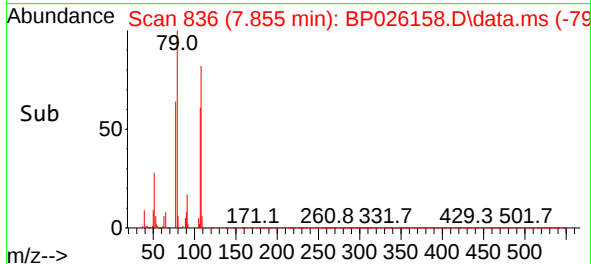
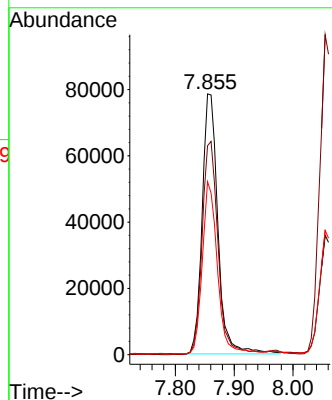
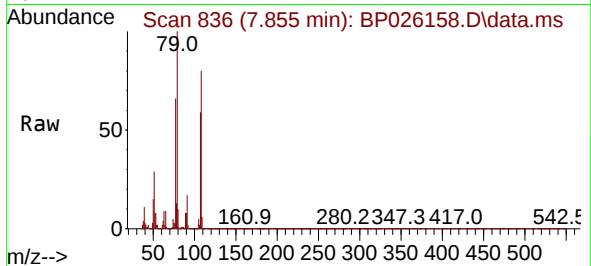




#15
Benzyl Alcohol
Concen: 8.724 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.053 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

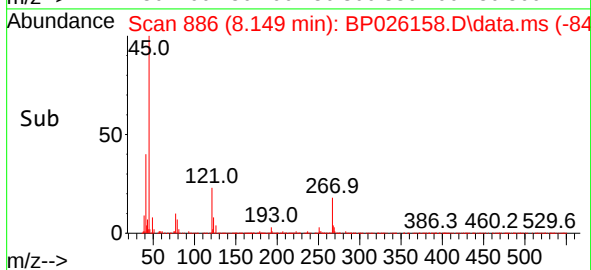
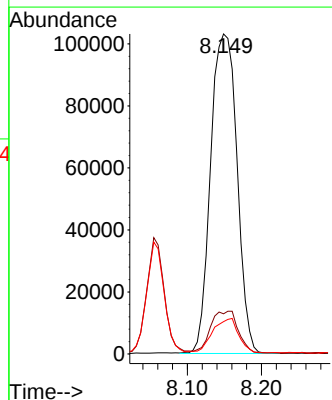
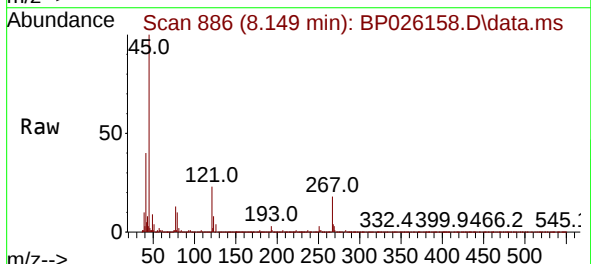
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

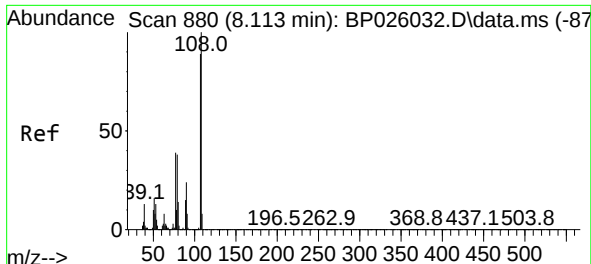
Tgt Ion: 79 Resp: 145675
Ion Ratio Lower Upper
79 100
108 80.1 66.2 99.4
77 66.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.453 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion: 45 Resp: 255232
Ion Ratio Lower Upper
45 100
77 12.6 0.0 33.9
79 10.1 0.0 30.4

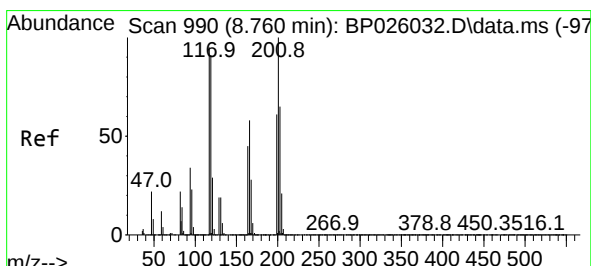
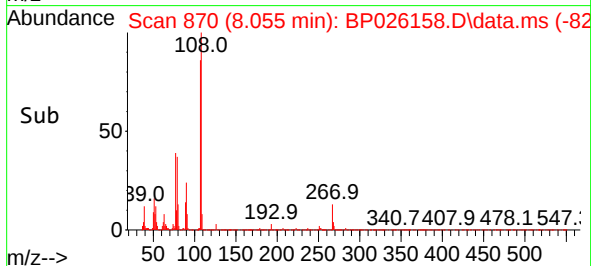
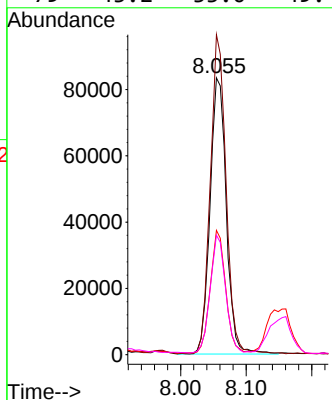
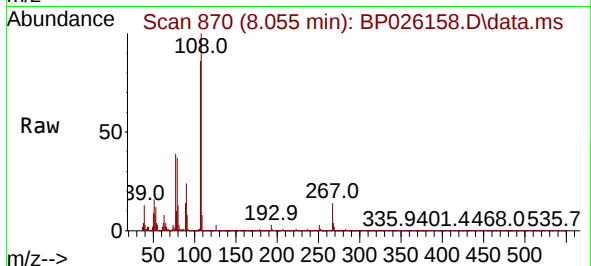




#17
2-Methylphenol
Concen: 8.615 ng
RT: 8.055 min Scan# 81
Delta R.T. -0.059 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

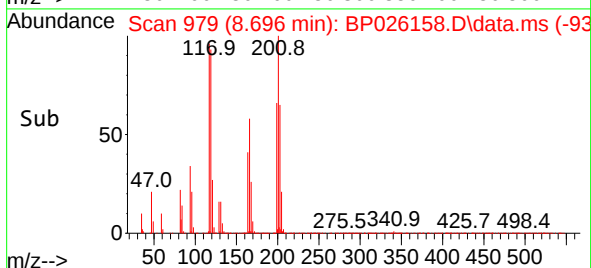
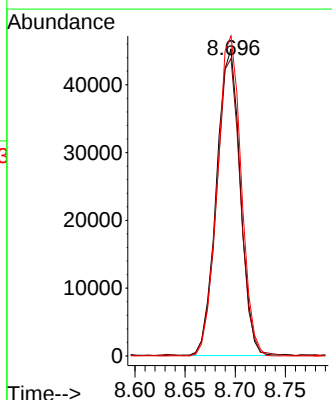
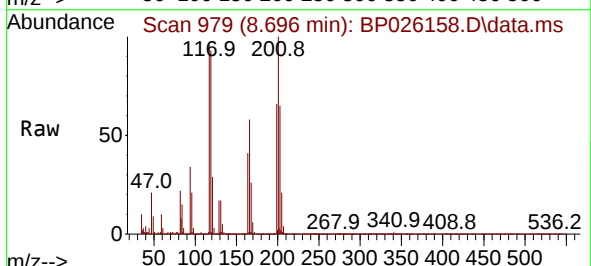
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

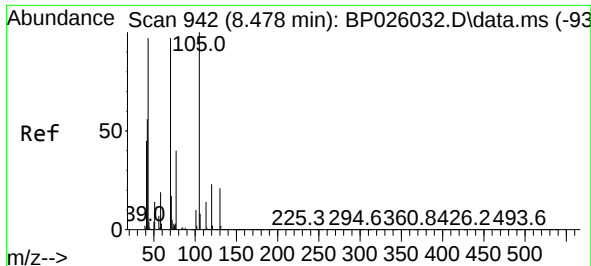
Tgt Ion:	107	Resp:	144006
Ion Ratio	Lower	Upper	
107	100		
108	115.6	89.7	134.5
77	44.9	33.9	50.9
79	43.2	33.0	49.4



#18
Hexachloroethane
Concen: 9.252 ng
RT: 8.696 min Scan# 979
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:	117	Resp:	74475
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.7	118.1
201	104.4	85.1	127.7

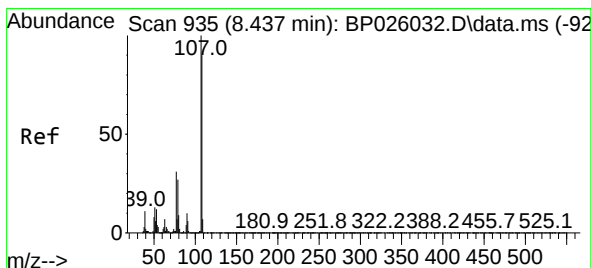
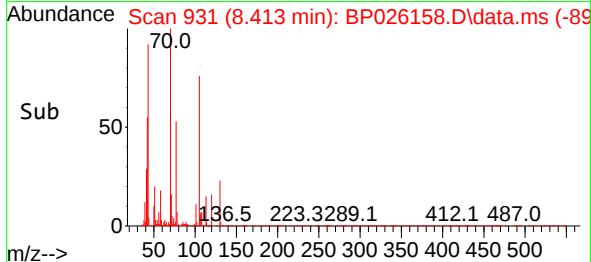
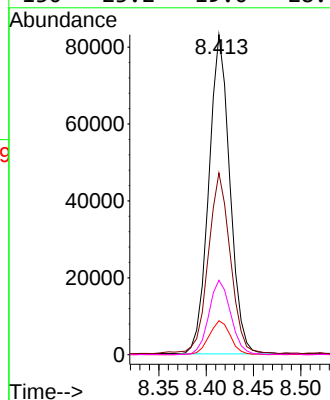
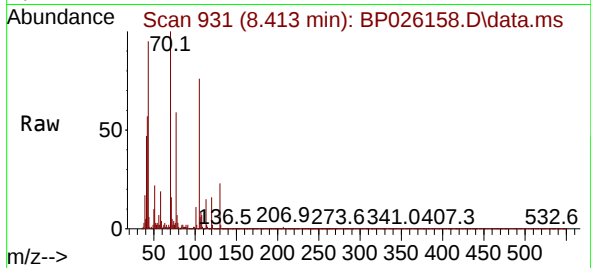




#19
n-Nitroso-di-n-propylamine
Concen: 9.102 ng
RT: 8.413 min Scan# 91
Delta R.T. -0.059 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

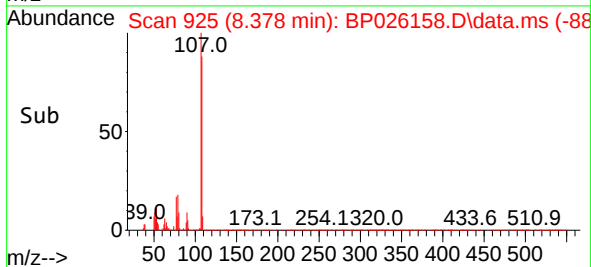
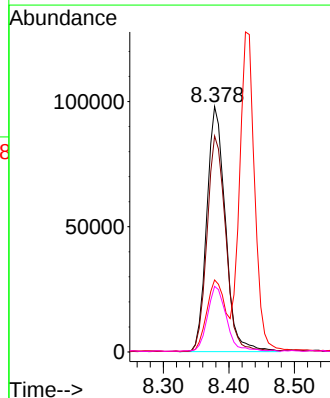
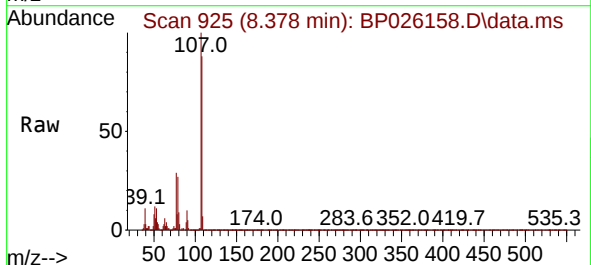
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

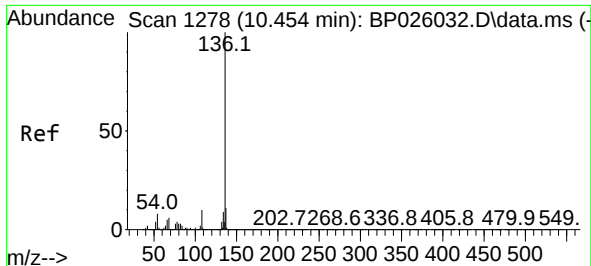
Tgt Ion:	70	Resp:	128886
Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.1	66.1
101	10.6	8.2	12.4
130	23.2	19.0	28.4



#20
3+4-Methylphenols
Concen: 8.339 ng
RT: 8.378 min Scan# 925
Delta R.T. -0.059 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:	107	Resp:	193140
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.9	108.9
77	29.3	10.4	50.4
79	26.7	6.8	46.8

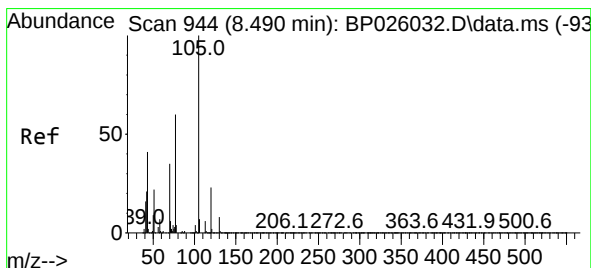
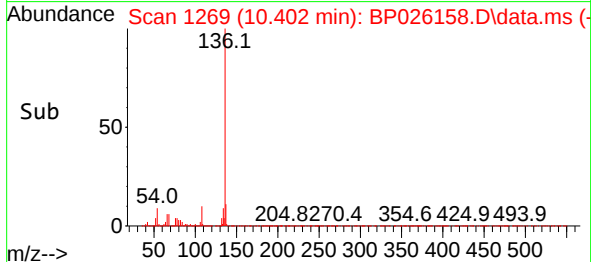
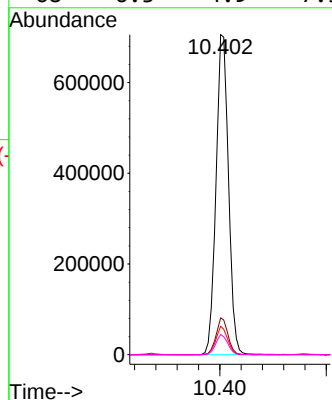
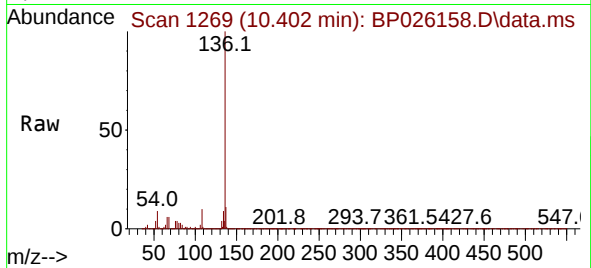




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.402 min Scan# 11
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

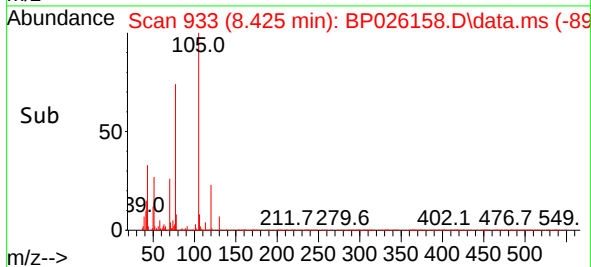
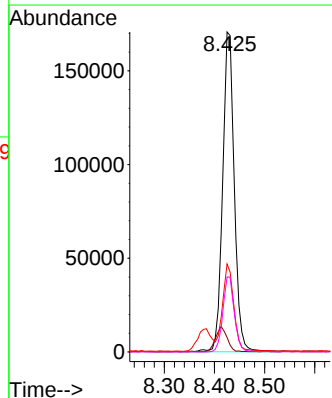
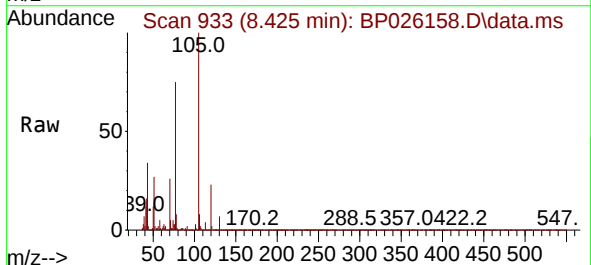
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

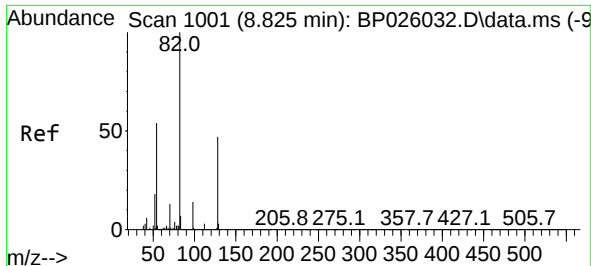
Tgt Ion:136 Resp: 1145211
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 8.8 6.4 9.6
68 6.3 4.9 7.3



#22
Acetophenone
Concen: 9.481 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.059 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:105 Resp: 275972
Ion Ratio Lower Upper
105 100
71 4.6 3.0 4.4#
51 27.5 20.5 30.7
120 23.5 18.2 27.2

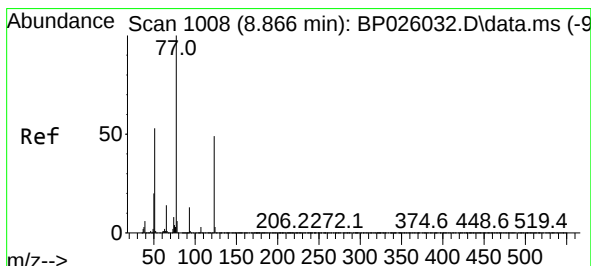
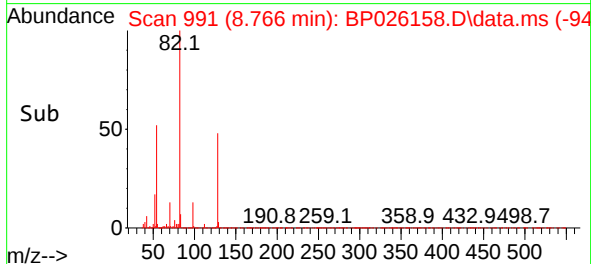
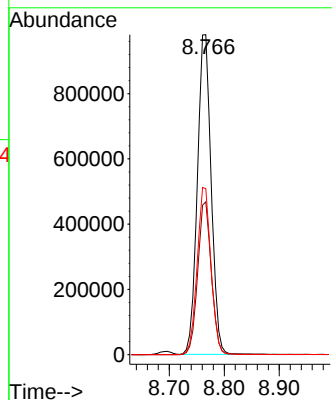
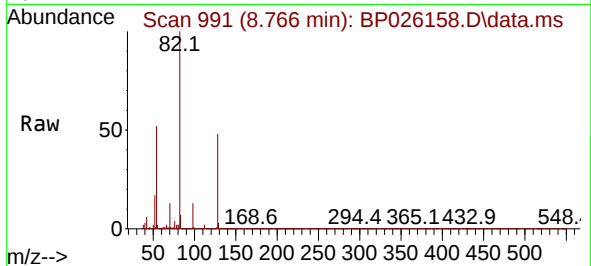




#23
Nitrobenzene-d5
Concen: 84.827 ng
RT: 8.766 min Scan# 991
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

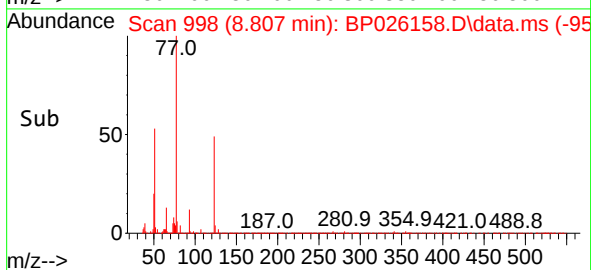
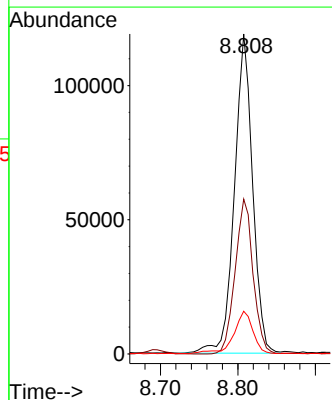
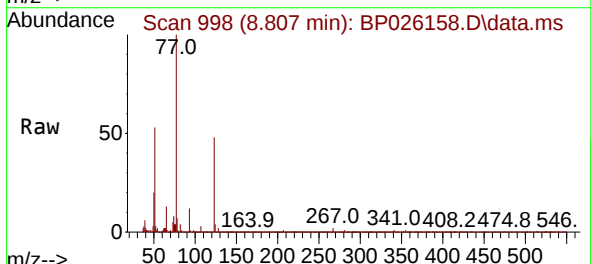
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

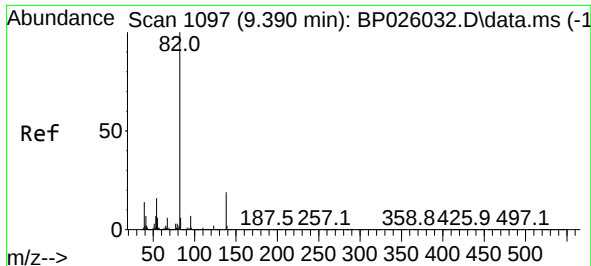
Tgt Ion: 82 Resp: 1710230
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.0
54 51.9 41.6 62.4



#24
Nitrobenzene
Concen: 9.494 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion: 77 Resp: 193619
Ion Ratio Lower Upper
77 100
123 48.4 39.8 59.8
65 13.4 11.2 16.8





#25

Isophorone

Concen: 8.901 ng

RT: 9.337 min Scan# 1108

Delta R.T. -0.047 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

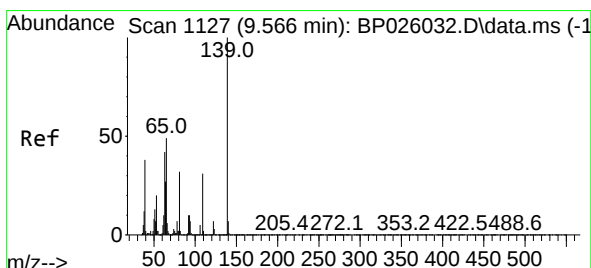
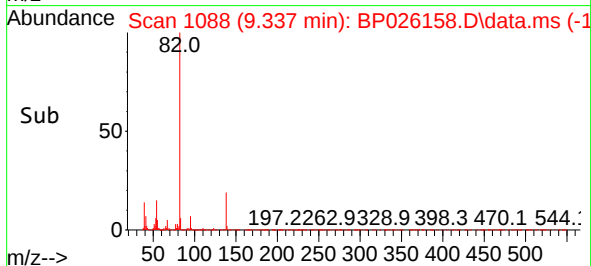
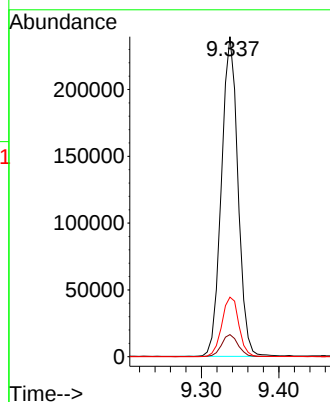
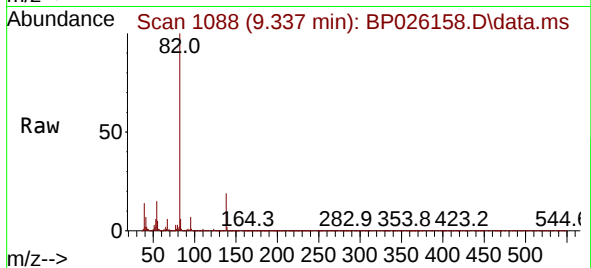
Tgt Ion: 82 Resp: 355776

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

138 18.6 15.4 23.0



#26

2-Nitrophenol

Concen: 7.927 ng

RT: 9.519 min Scan# 1119

Delta R.T. -0.041 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

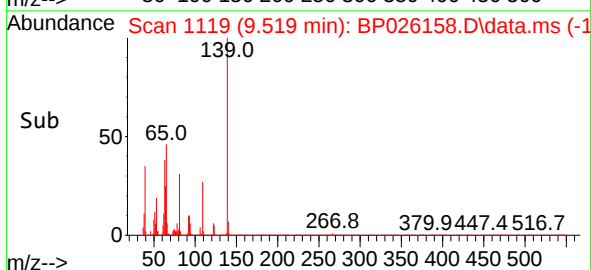
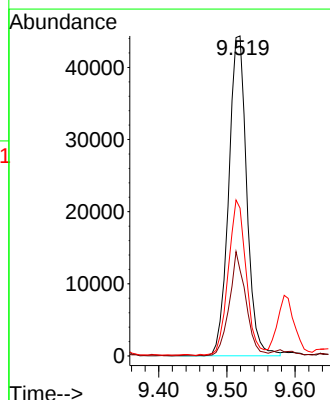
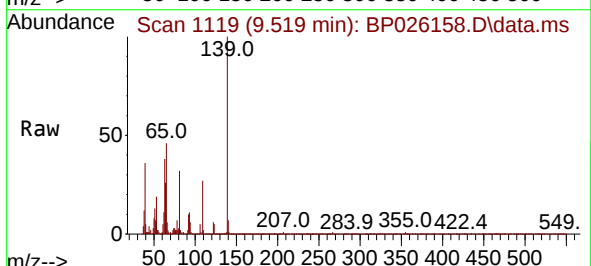
Tgt Ion: 139 Resp: 81806

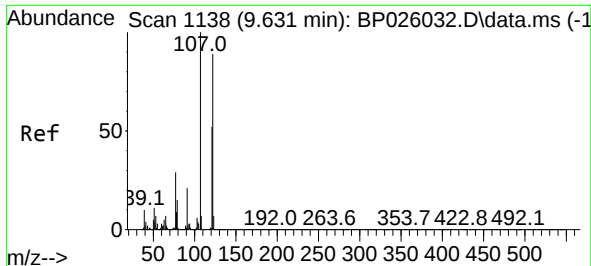
Ion Ratio Lower Upper

139 100

109 26.8 22.3 33.5

65 46.2 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 7.364 ng

RT: 9.584 min Scan# 1130

Delta R.T. -0.041 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

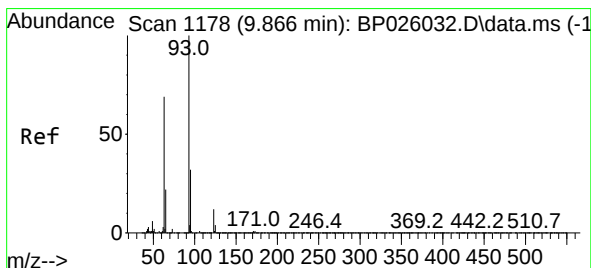
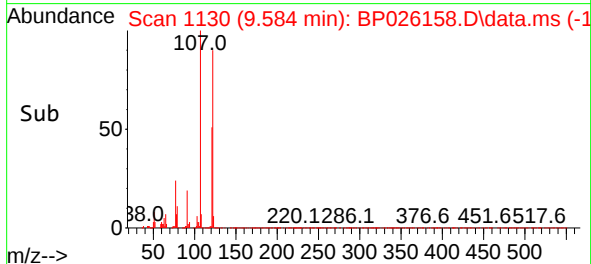
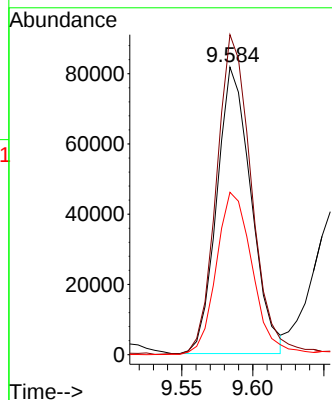
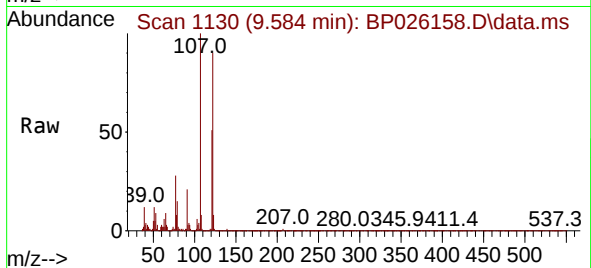
Tgt Ion:122 Resp: 137038

Ion Ratio Lower Upper

122 100

107 111.3 91.0 136.6

121 56.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 9.202 ng

RT: 9.813 min Scan# 1169

Delta R.T. -0.047 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

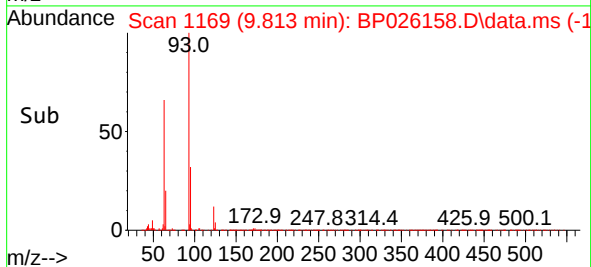
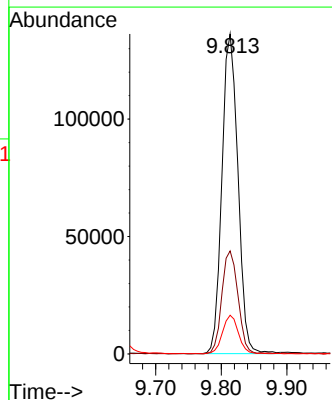
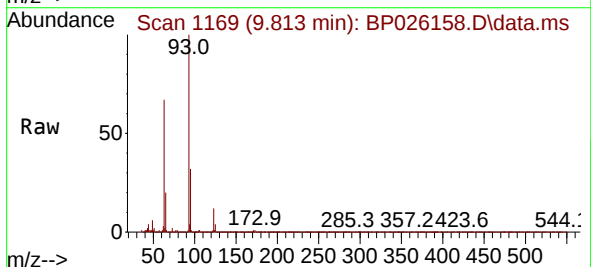
Tgt Ion: 93 Resp: 230342

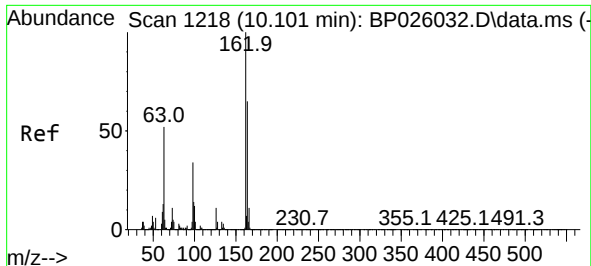
Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.532 ng

RT: 10.055 min Scan# 11

Delta R.T. -0.041 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

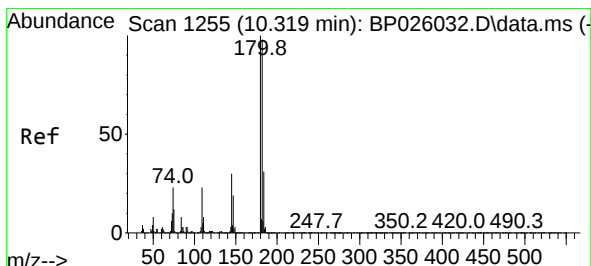
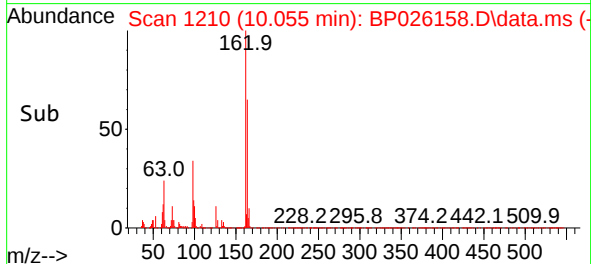
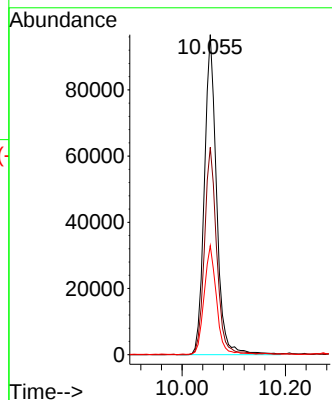
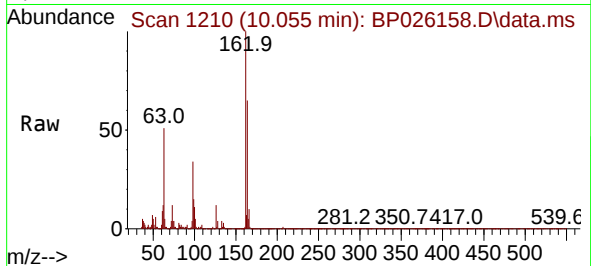
Tgt Ion:162 Resp: 158674

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

98 34.1 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 9.863 ng

RT: 10.272 min Scan# 1247

Delta R.T. -0.035 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

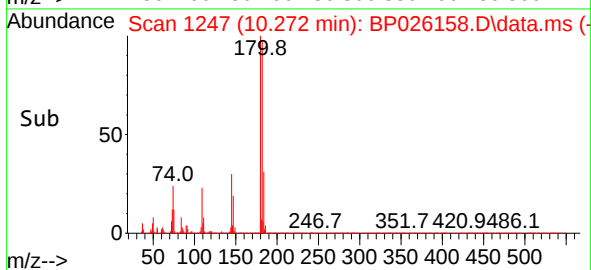
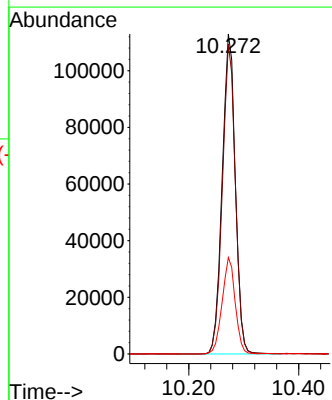
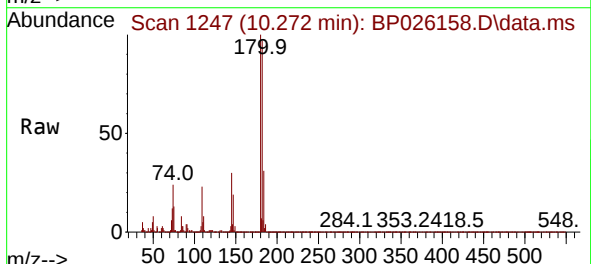
Tgt Ion:180 Resp: 186798

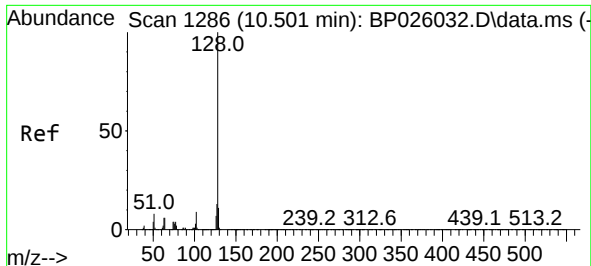
Ion Ratio Lower Upper

180 100

182 96.8 78.1 117.1

145 30.2 24.2 36.4

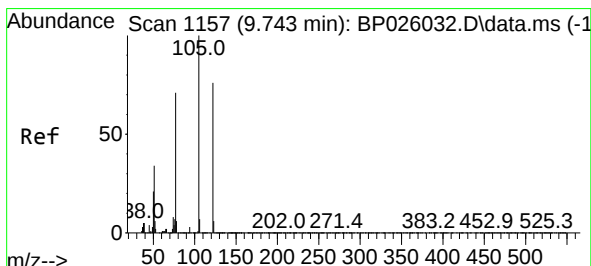
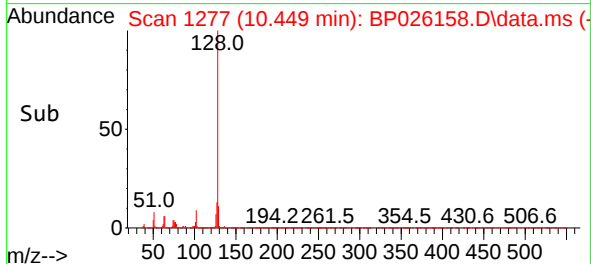
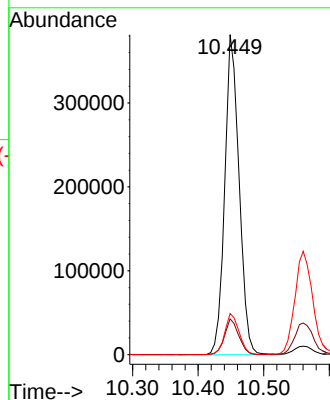
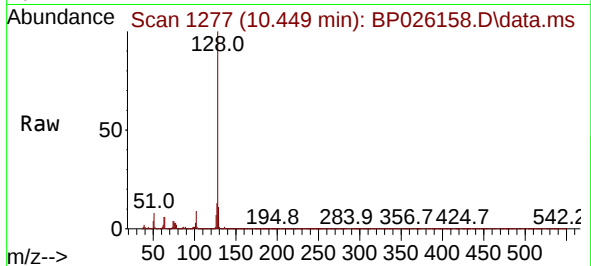




#31
Naphthalene
Concen: 9.327 ng
RT: 10.449 min Scan# 1142
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

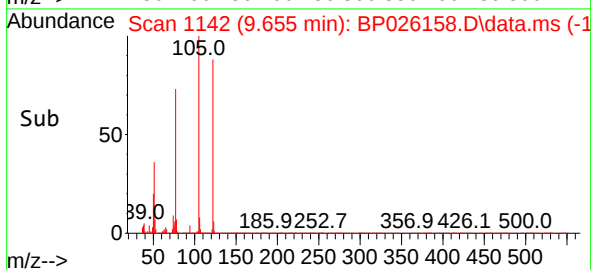
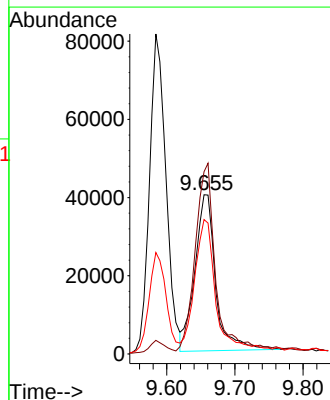
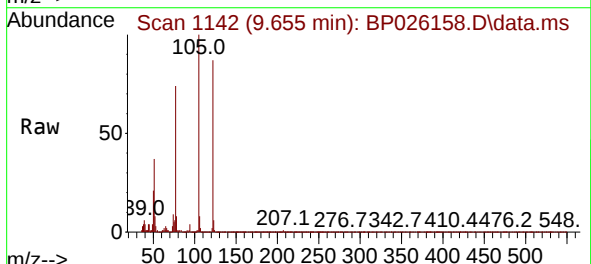
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

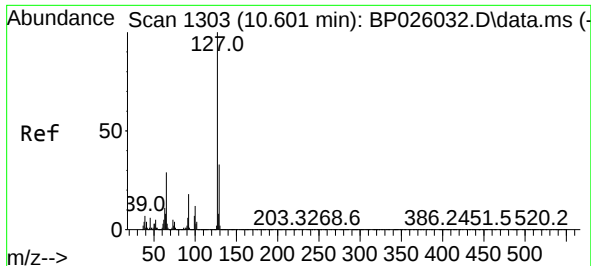
Tgt Ion:128 Resp: 577248
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 5.390 ng
RT: 9.655 min Scan# 1142
Delta R.T. -0.112 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:122 Resp: 84470
Ion Ratio Lower Upper
122 100
105 114.5 100.1 140.1
77 84.4 66.7 106.7

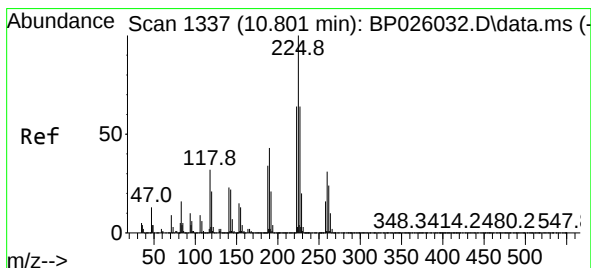
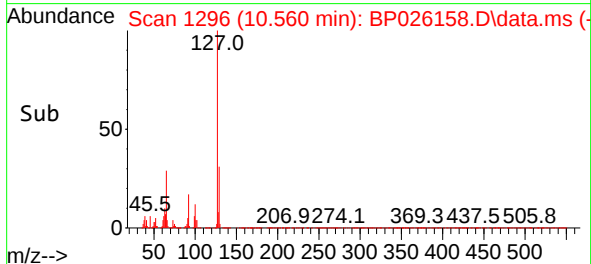
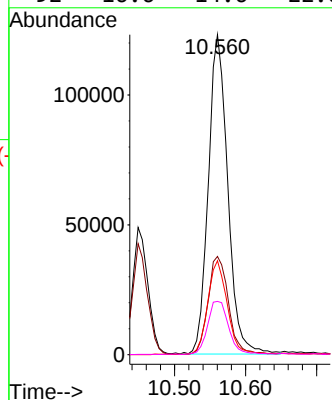
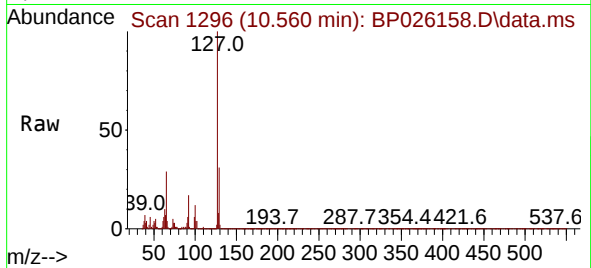




#33
4-Chloroaniline
Concen: 8.905 ng
RT: 10.560 min Scan# 11
Delta R.T. -0.035 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

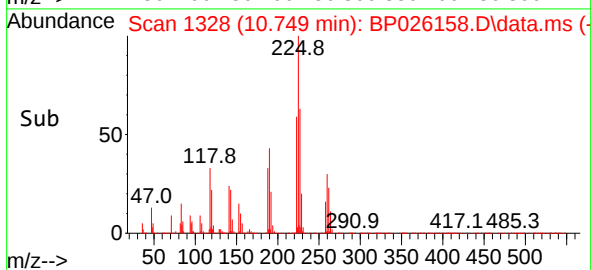
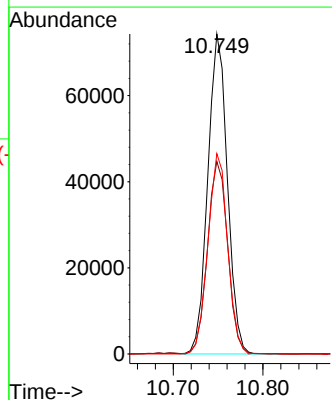
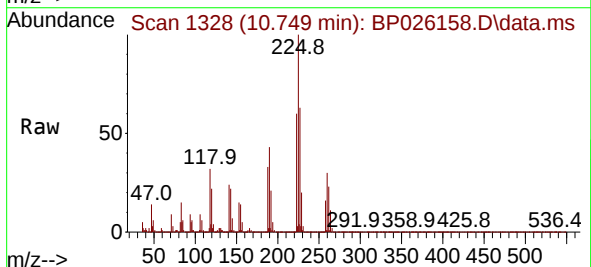
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

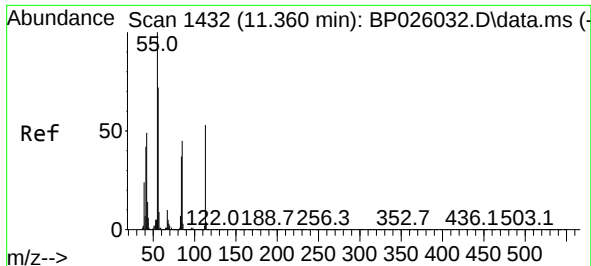
Tgt Ion:	127	Resp:	234378
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.8
65	29.4	22.7	34.1
92	16.6	14.6	22.0



#34
Hexachlorobutadiene
Concen: 9.141 ng
RT: 10.749 min Scan# 1328
Delta R.T. -0.047 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:	225	Resp:	112598
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.6	74.4
227	62.6	51.2	76.8

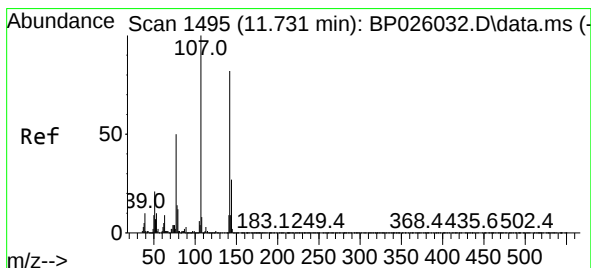
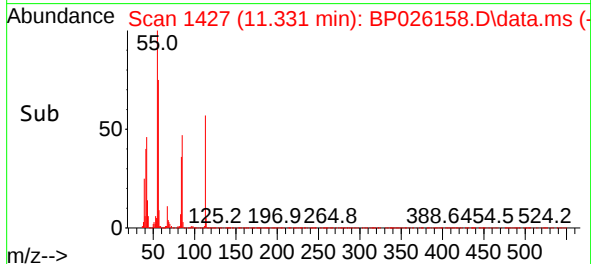
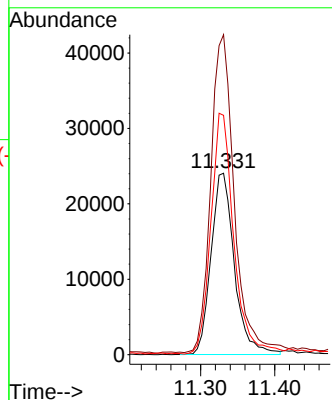
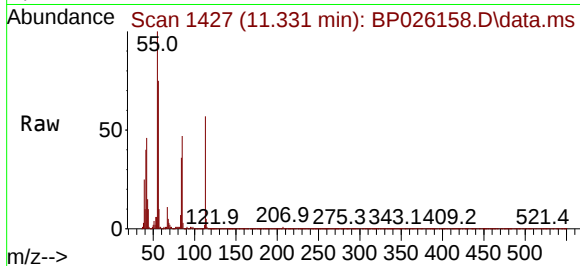




#35
 Caprolactam
 Concen: 7.910 ng
 RT: 11.331 min Scan# 1427
 Delta R.T. -0.047 min
 Lab File: BP026158.D
 Acq: 19 Nov 2025 14:50

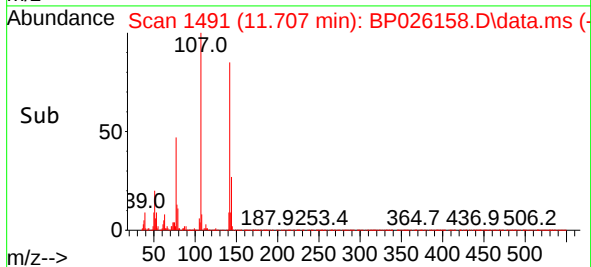
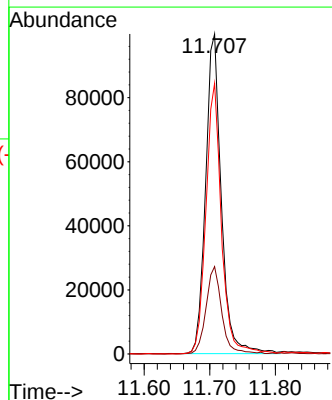
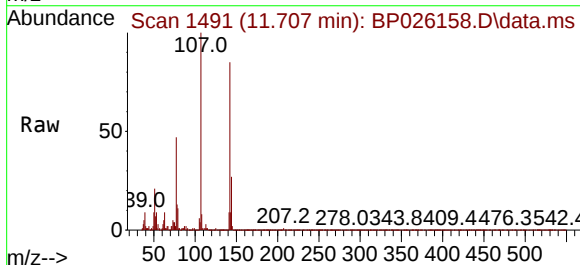
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

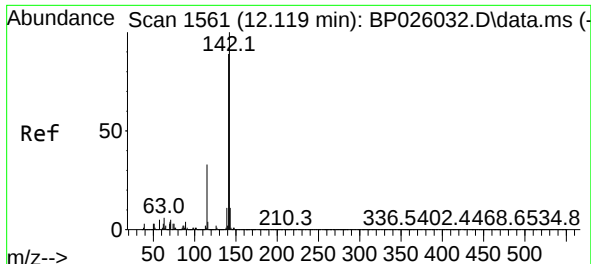
Tgt Ion:	113	Resp:	52679
Ion	Ratio	Lower	Upper
113	100		
55	176.3	153.0	193.0
56	131.9	106.4	146.4



#36
 4-Chloro-3-methylphenol
 Concen: 8.424 ng
 RT: 11.707 min Scan# 1491
 Delta R.T. -0.023 min
 Lab File: BP026158.D
 Acq: 19 Nov 2025 14:50

Tgt Ion:	107	Resp:	166518
Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.6	32.4
142	84.6	65.6	98.4

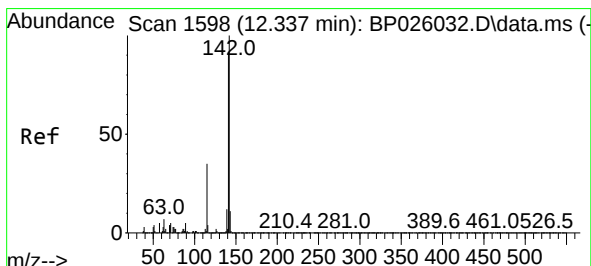
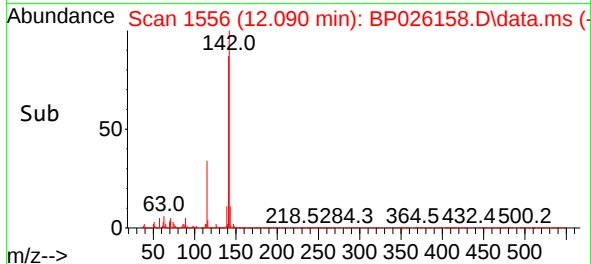
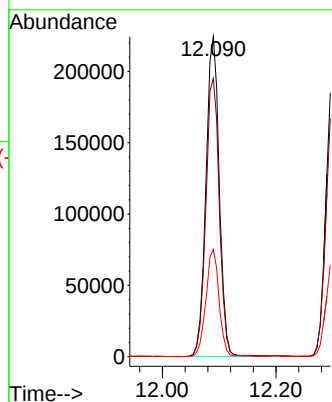
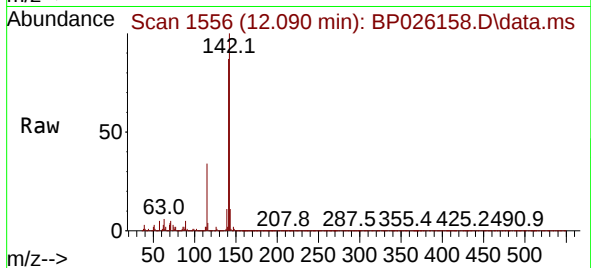




#37
2-Methylnaphthalene
Concen: 8.285 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

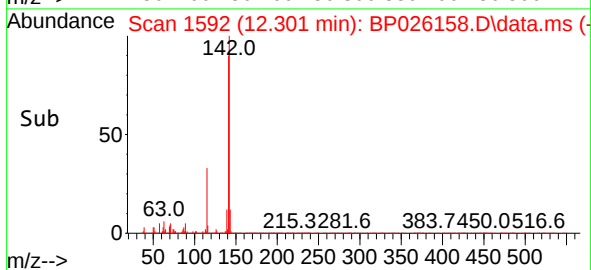
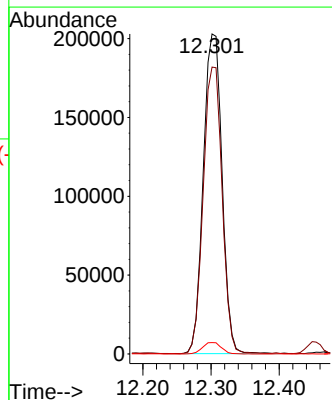
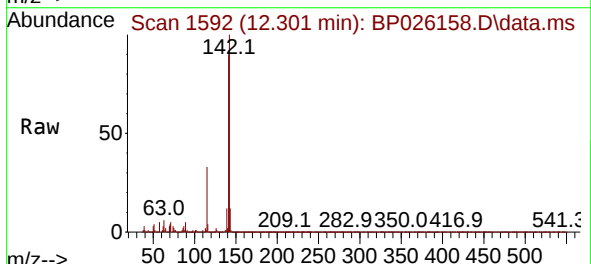
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

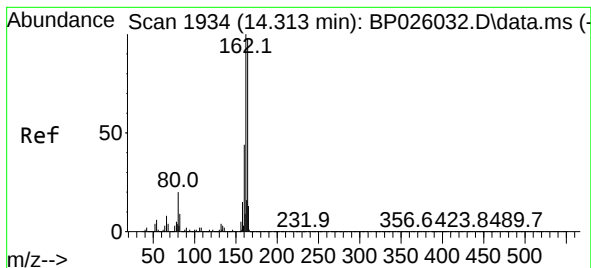
Tgt Ion:142 Resp: 363507
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.6
115 33.5 26.6 39.8



#38
1-Methylnaphthalene
Concen: 9.031 ng
RT: 12.301 min Scan# 1592
Delta R.T. -0.029 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:142 Resp: 387317
Ion Ratio Lower Upper
142 100
141 89.7 73.5 110.3
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.295 min Scan# 1931

Delta R.T. -0.029 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

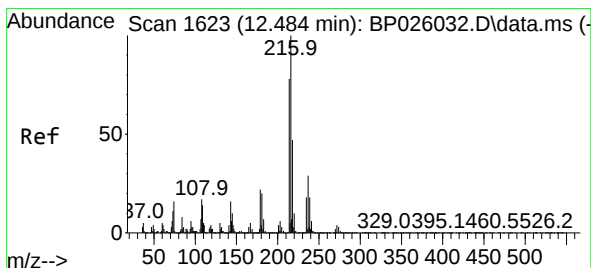
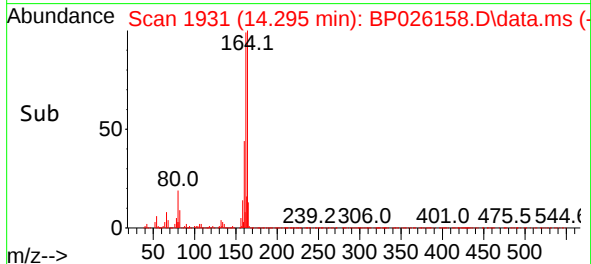
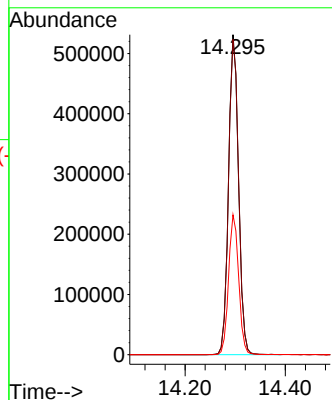
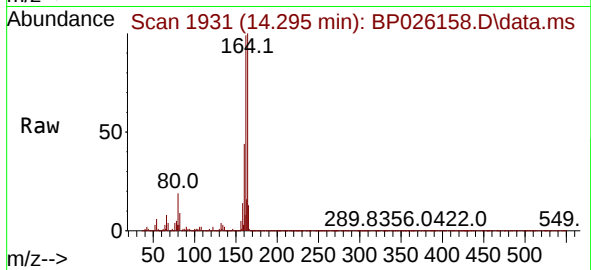
Tgt Ion:164 Resp: 731810

Ion Ratio Lower Upper

164 100

162 98.5 80.3 120.5

160 43.7 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.496 ng

RT: 12.466 min Scan# 1620

Delta R.T. -0.023 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Tgt Ion:216 Resp: 210123

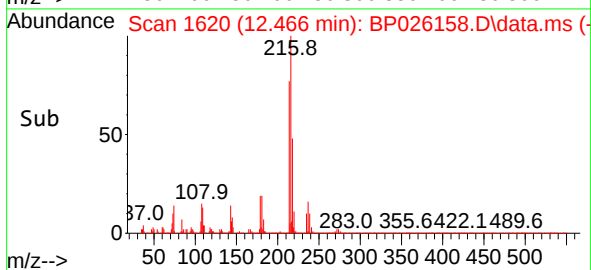
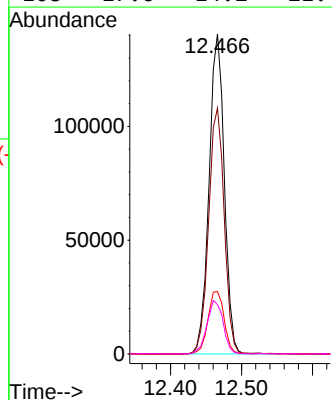
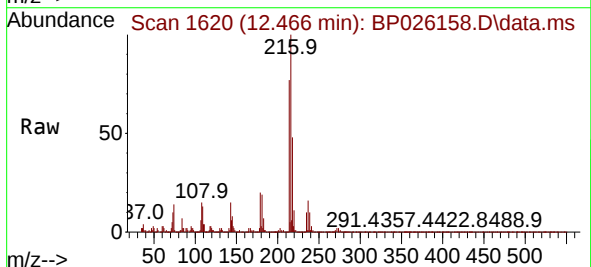
Ion Ratio Lower Upper

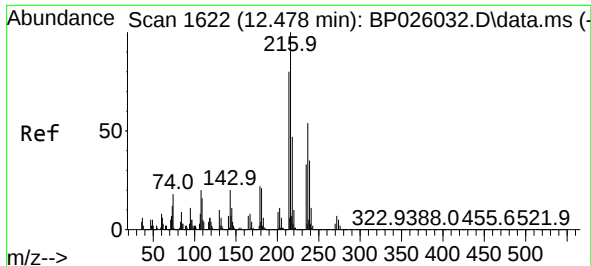
216 100

214 78.4 62.6 94.0

179 20.9 16.6 25.0

108 17.6 14.2 21.4

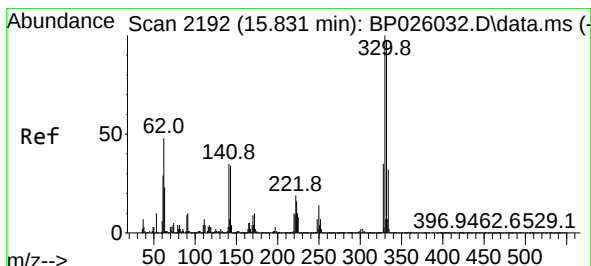
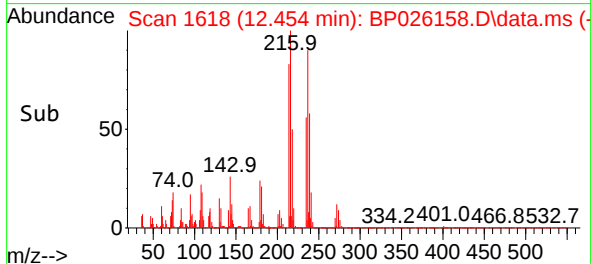
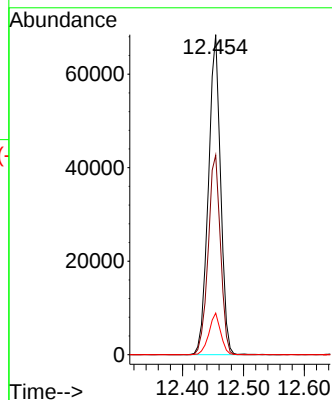
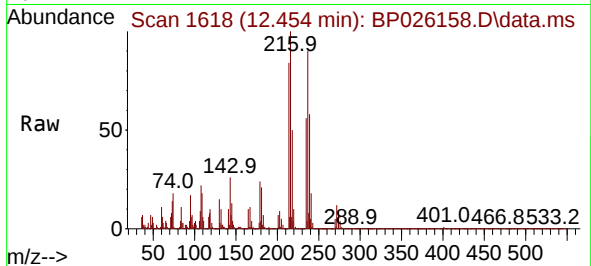




#41
Hexachlorocyclopentadiene
Concen: 6.581 ng
RT: 12.454 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

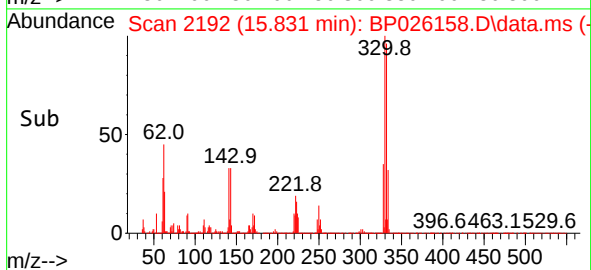
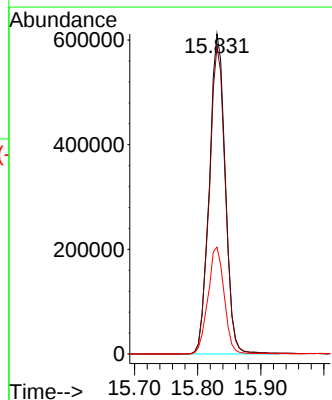
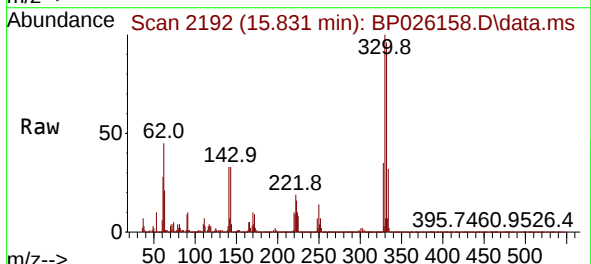
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

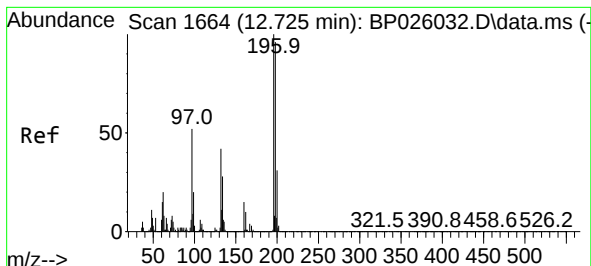
Tgt Ion:237 Resp: 95310
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 113.343 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:330 Resp: 1076009
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 33.9 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 8.610 ng

RT: 12.713 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

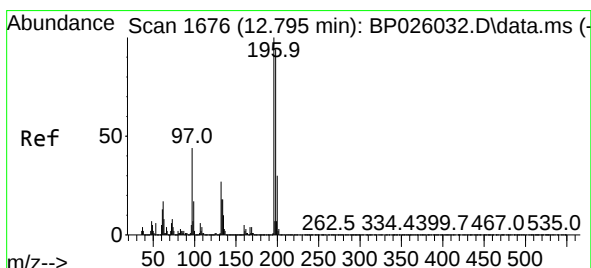
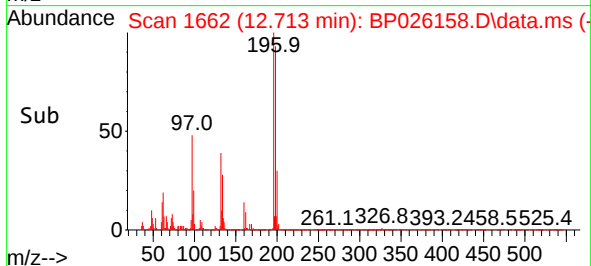
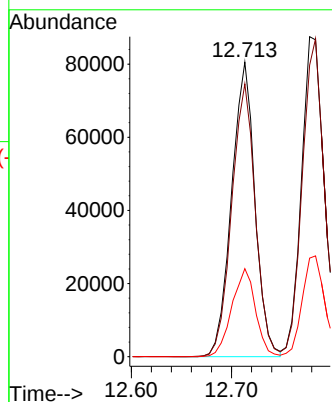
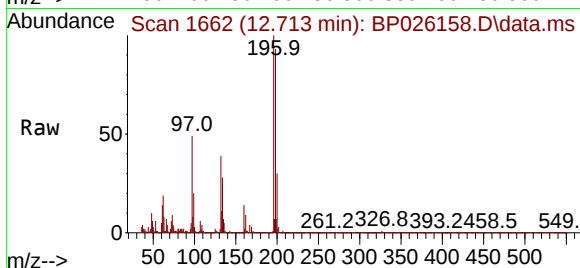
Tgt Ion:196 Resp: 130618

Ion Ratio Lower Upper

196 100

198 92.6 76.9 115.3

200 29.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 8.116 ng

RT: 12.778 min Scan# 1673

Delta R.T. -0.023 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Tgt Ion:196 Resp: 137439

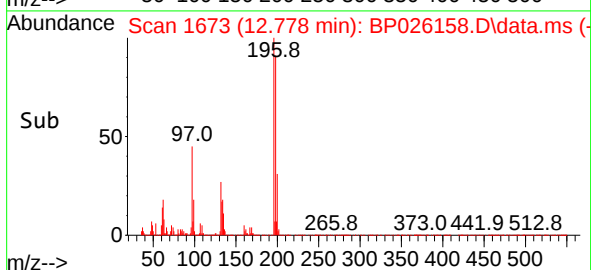
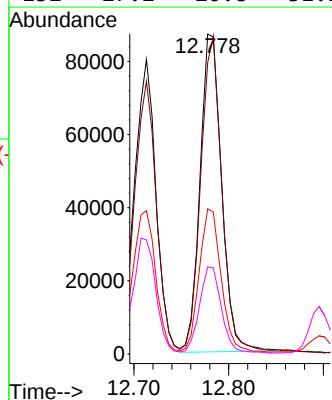
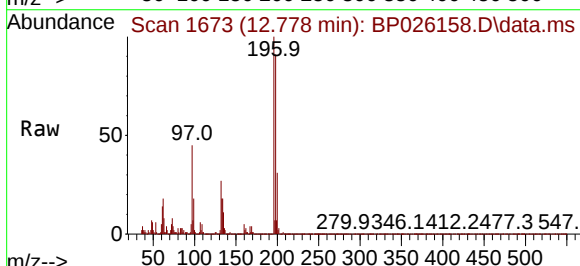
Ion Ratio Lower Upper

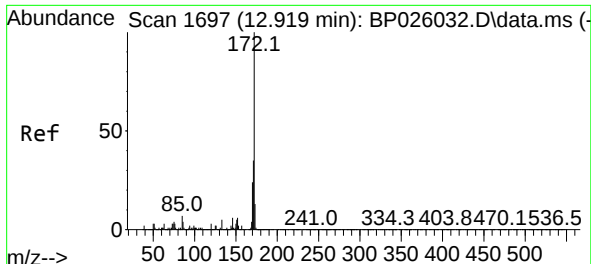
196 100

198 91.1 76.4 114.6

97 45.3 35.7 53.5

132 27.2 20.8 31.2

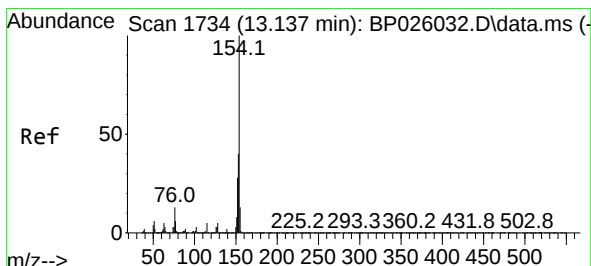
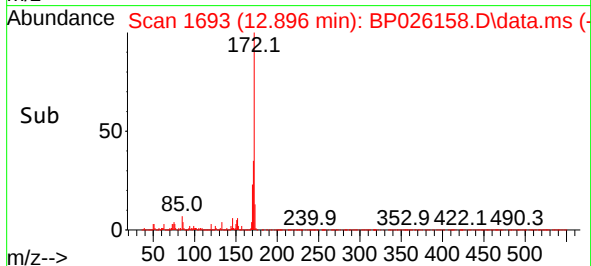
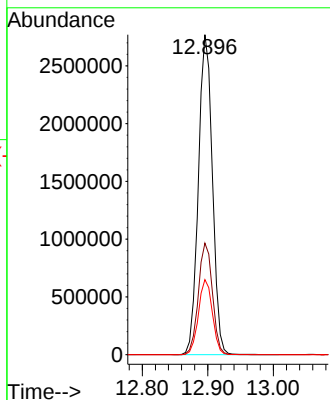
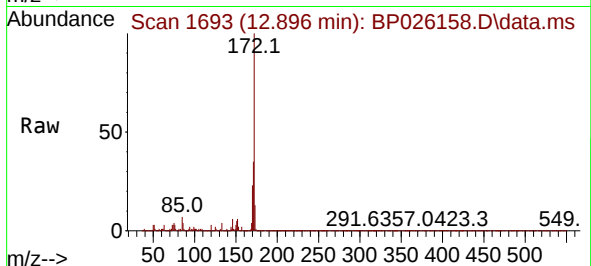




#45
2-Fluorobiphenyl
Concen: 82.554 ng
RT: 12.896 min Scan# 1697
Delta R.T. -0.035 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

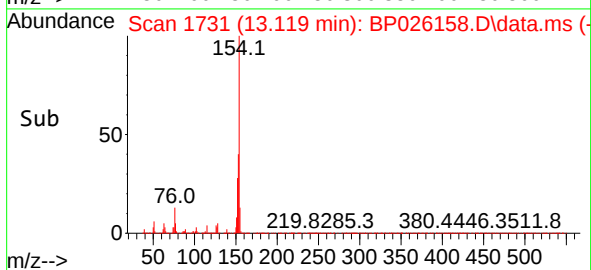
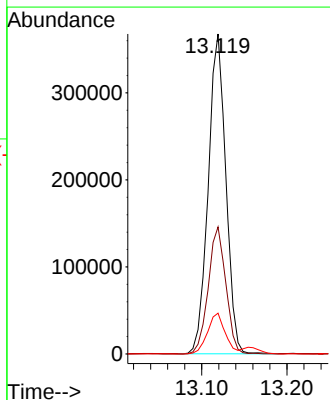
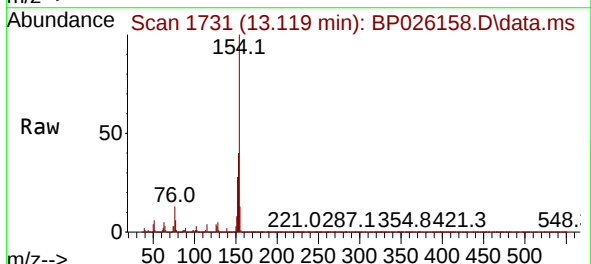
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

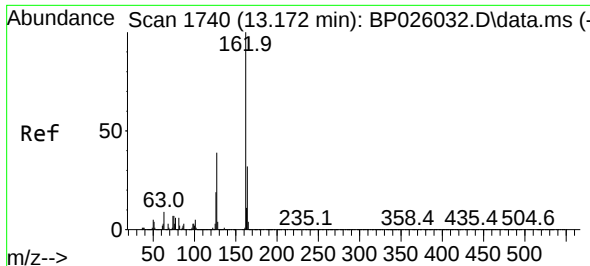
Tgt Ion:172 Resp: 4122135
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.4 18.7 28.1



#46
1,1'-Biphenyl
Concen: 9.610 ng
RT: 13.119 min Scan# 1731
Delta R.T. -0.017 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:154 Resp: 529571
Ion Ratio Lower Upper
154 100
153 39.7 20.3 60.3
76 12.7 0.0 32.3

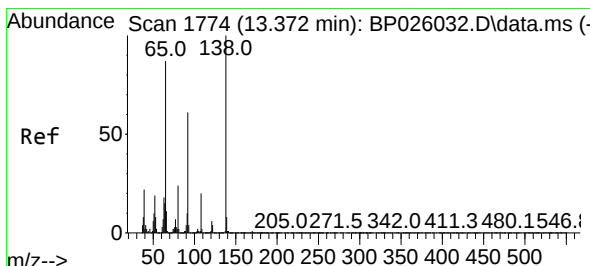
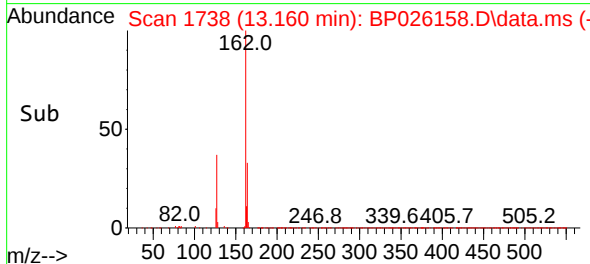
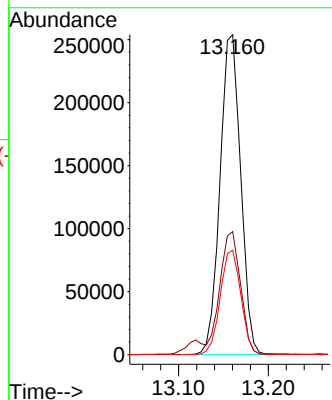
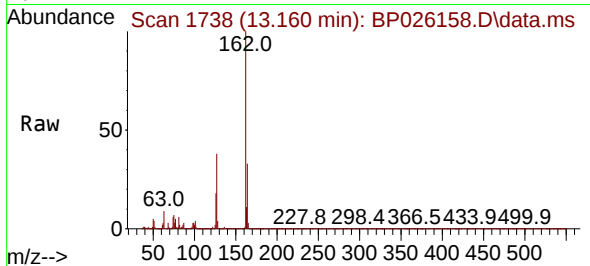




#47
2-Chloronaphthalene
Concen: 9.380 ng
RT: 13.160 min Scan# 1738
Delta R.T. -0.023 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

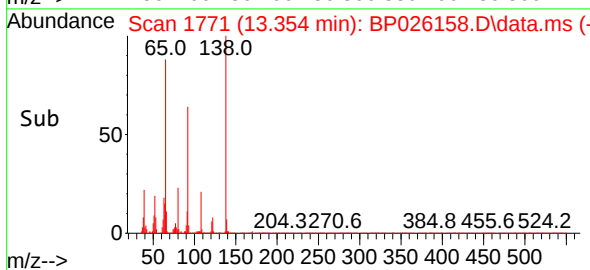
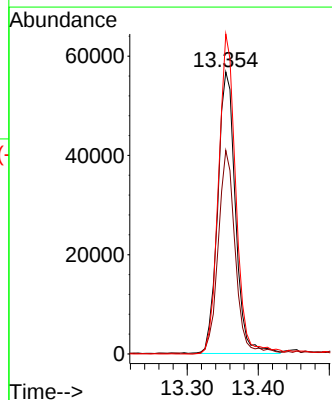
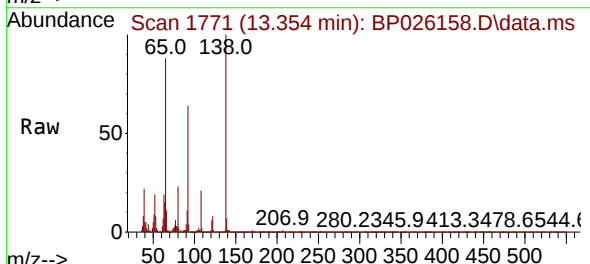
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

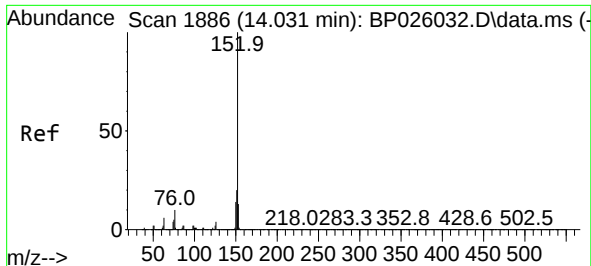
Tgt Ion:162 Resp: 406470
Ion Ratio Lower Upper
162 100
127 38.4 30.9 46.3
164 32.7 26.4 39.6



#48
2-Nitroaniline
Concen: 8.146 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.023 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion: 65 Resp: 98162
Ion Ratio Lower Upper
65 100
92 72.2 59.1 88.7
138 113.4 96.6 145.0

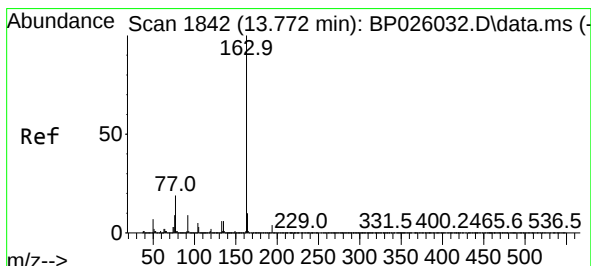
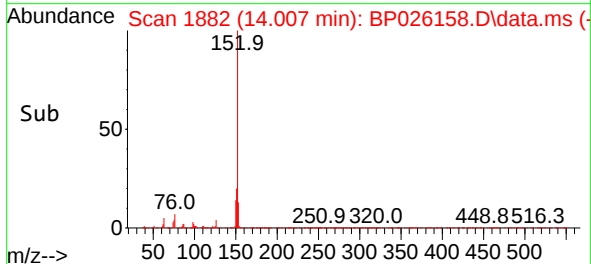
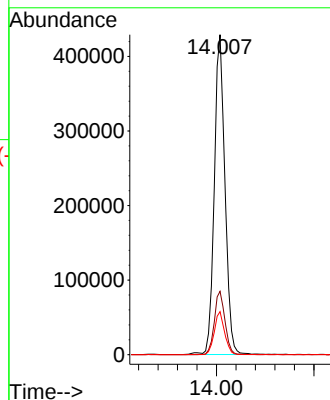
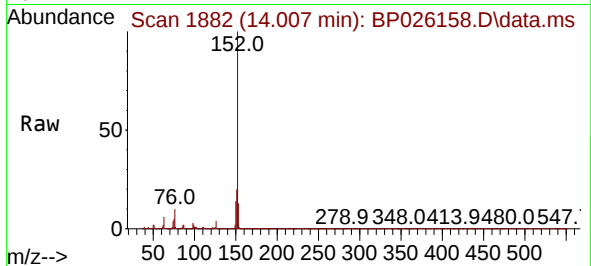




#49
Acenaphthylene
Concen: 9.076 ng
RT: 14.007 min Scan# 1882
Delta R.T. -0.029 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

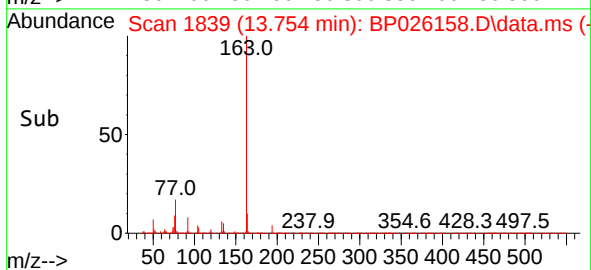
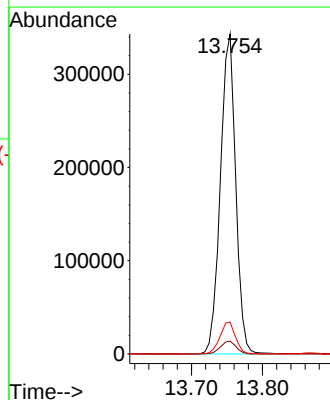
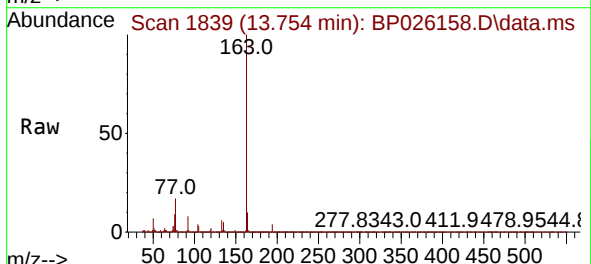
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

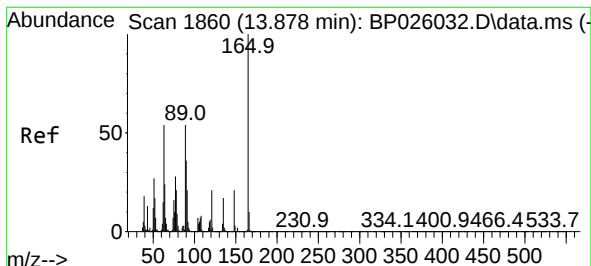
Tgt Ion:152 Resp: 648731
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 9.362 ng
RT: 13.754 min Scan# 1839
Delta R.T. -0.017 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:163 Resp: 511738
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 9.123 ng

RT: 13.866 min Scan# 1860

Delta R.T. -0.017 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

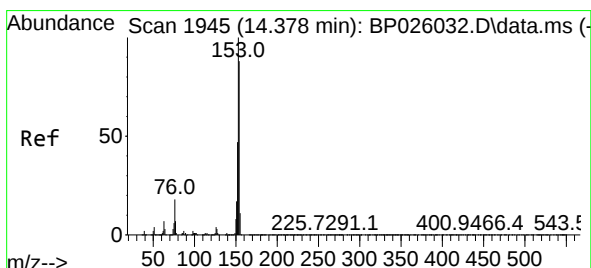
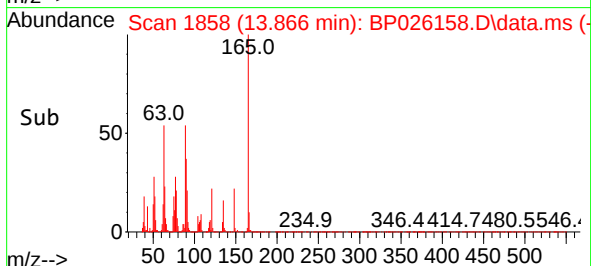
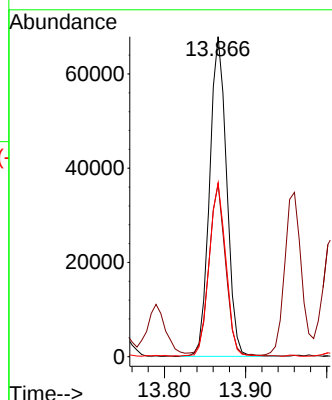
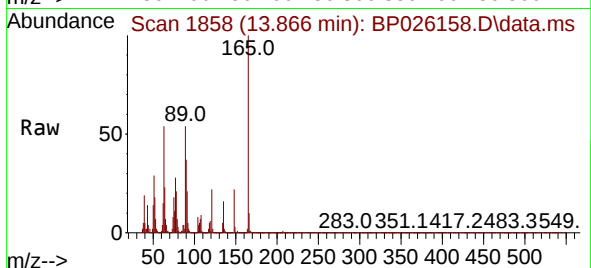
Tgt Ion:165 Resp: 98808

Ion Ratio Lower Upper

165 100

63 53.9 40.5 60.7

89 54.3 41.3 61.9



#52

Acenaphthene

Concen: 9.664 ng

RT: 14.360 min Scan# 1942

Delta R.T. -0.023 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

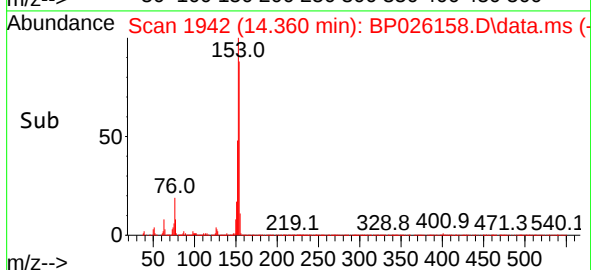
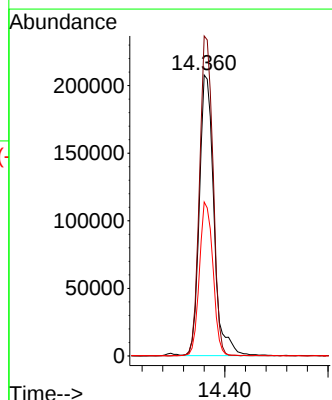
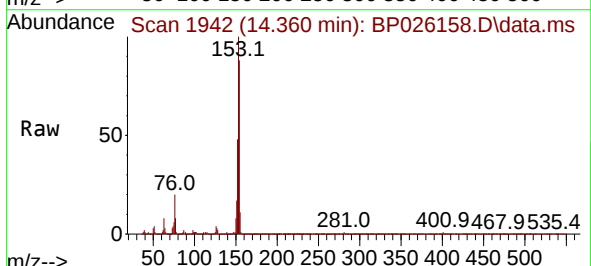
Tgt Ion:154 Resp: 404789

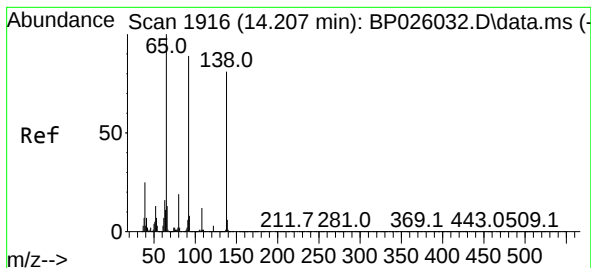
Ion Ratio Lower Upper

154 100

153 113.9 90.7 136.1

152 54.8 42.8 64.2





#53

3-Nitroaniline

Concen: 8.188 ng

RT: 14.201 min Scan# 1915

Delta R.T. -0.017 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

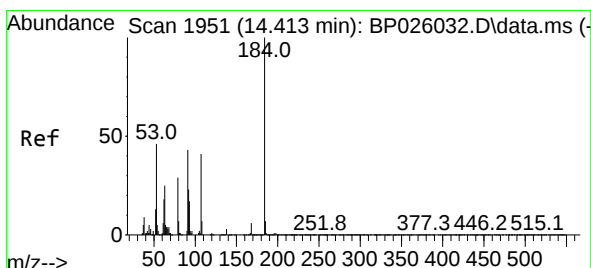
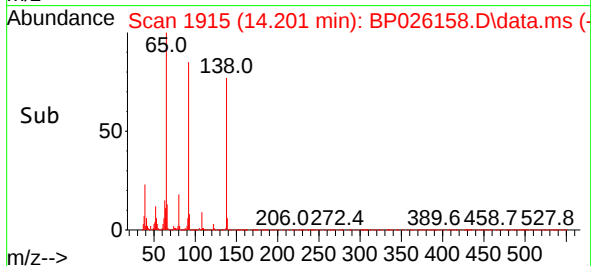
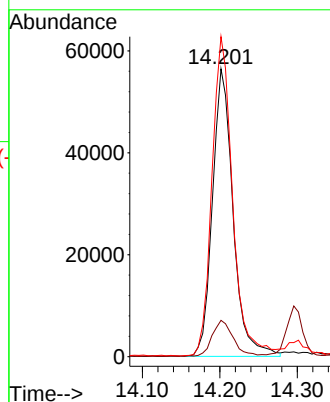
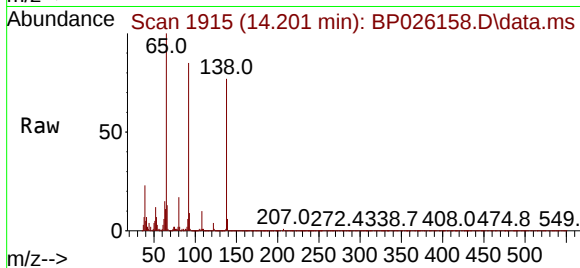
Tgt Ion:138 Resp: 104411

Ion Ratio Lower Upper

138 100

108 12.6 8.9 13.3

92 111.1 86.3 129.5



#54

2,4-Dinitrophenol

Concen: 6.058 ng

RT: 14.407 min Scan# 1950

Delta R.T. -0.023 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

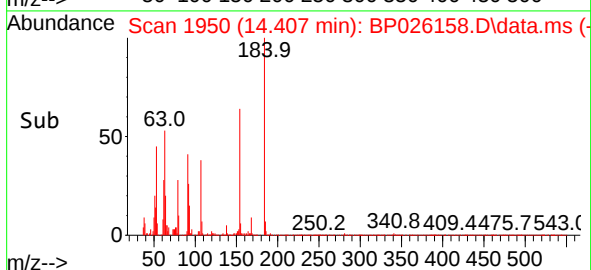
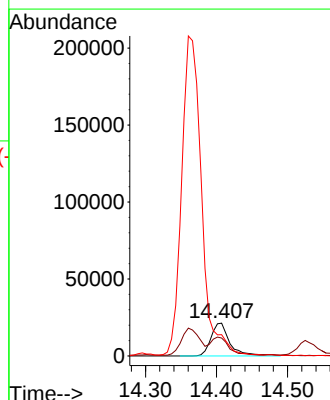
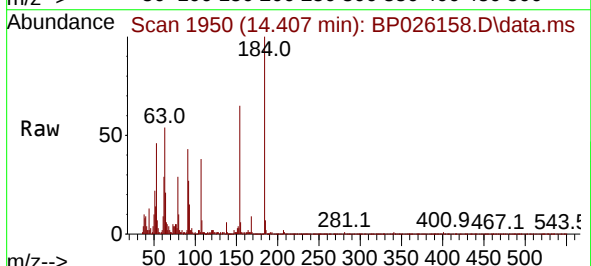
Tgt Ion:184 Resp: 39607

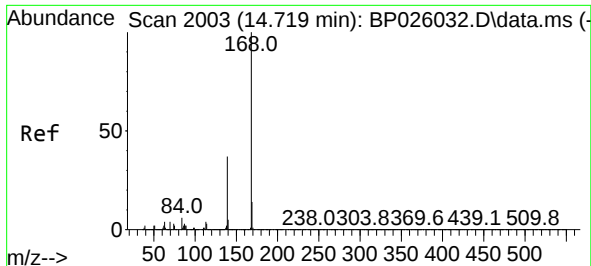
Ion Ratio Lower Upper

184 100

63 54.4 43.1 64.7

154 64.7 49.5 74.3

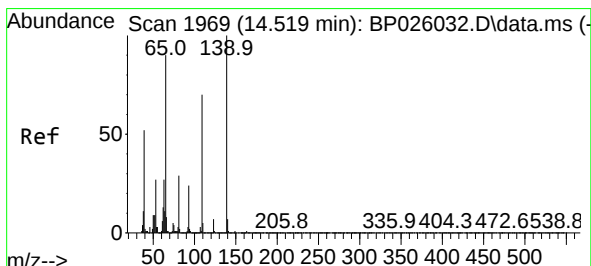
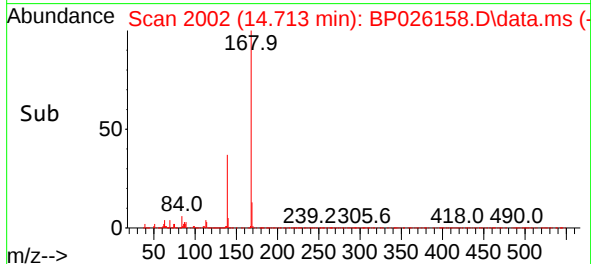
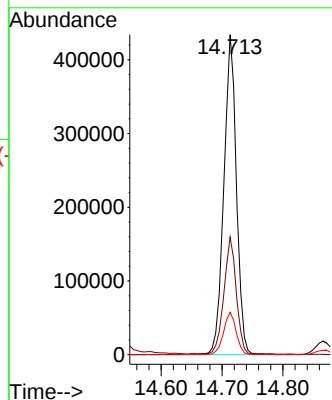
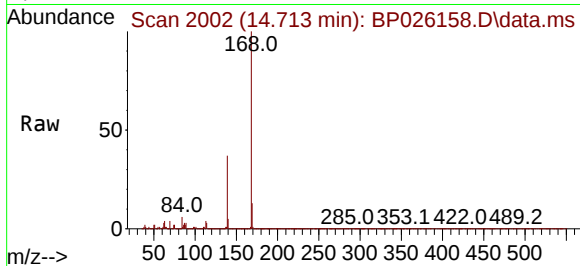




#55
Dibenzofuran
Concen: 9.582 ng
RT: 14.713 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

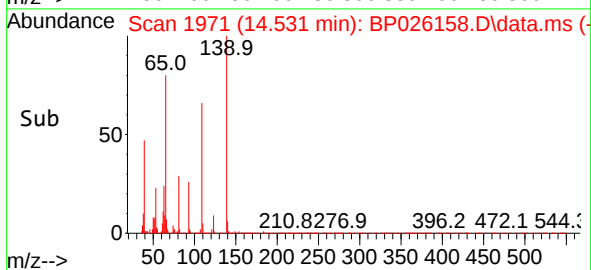
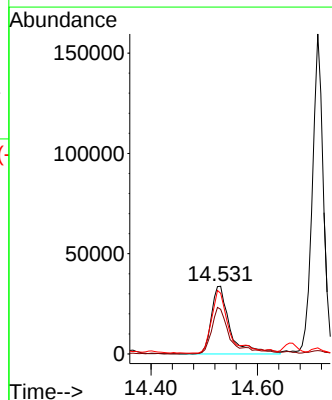
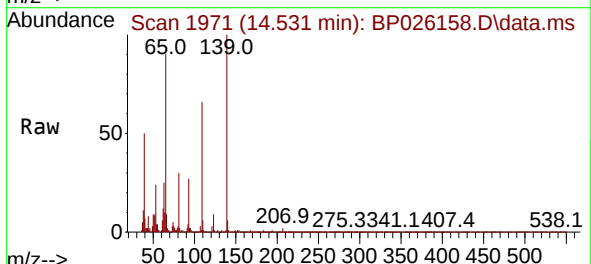
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

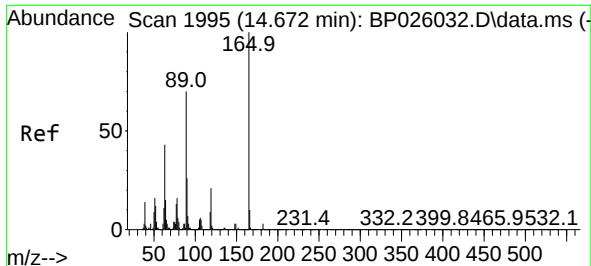
Tgt Ion:168 Resp: 621649
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 7.113 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:139 Resp: 82052
Ion Ratio Lower Upper
139 100
109 65.9 46.8 86.8
65 89.7 69.3 109.3

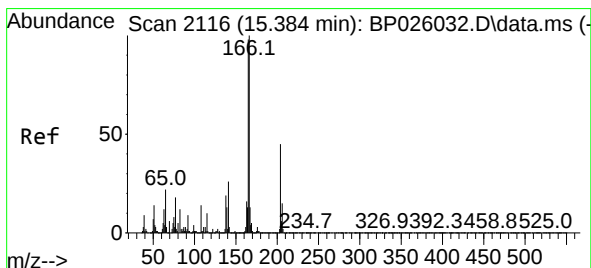
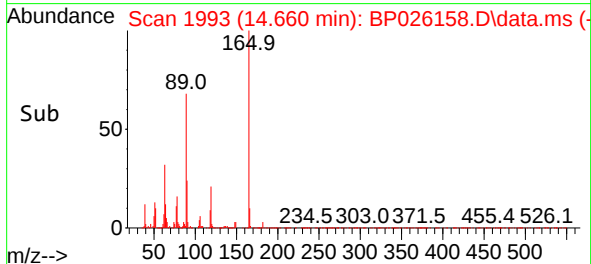
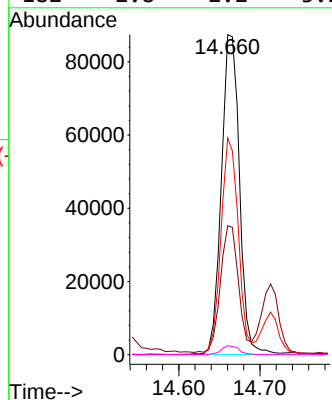
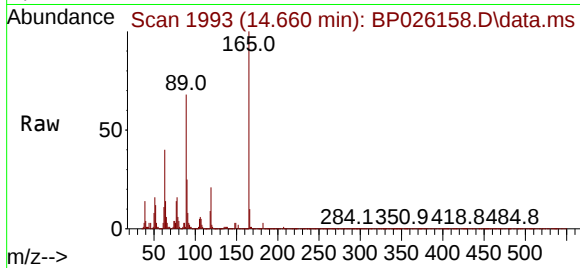




#57
2,4-Dinitrotoluene
Concen: 8.394 ng
RT: 14.660 min Scan# 1993
Delta R.T. -0.029 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

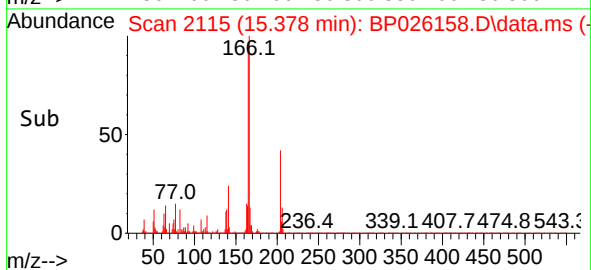
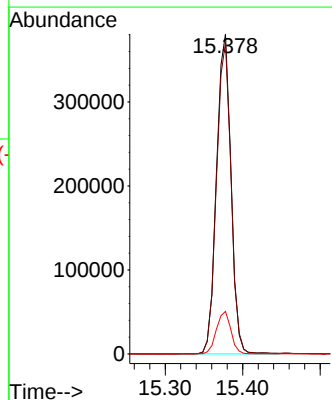
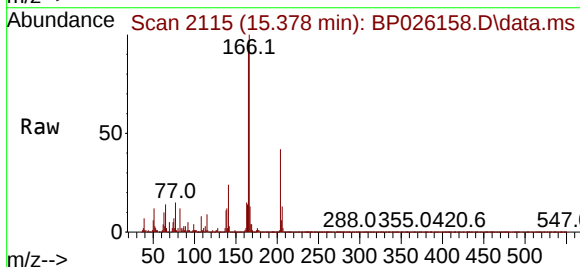
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

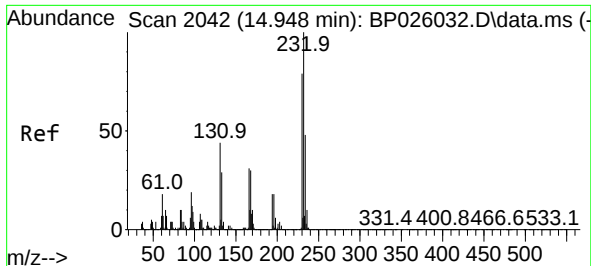
Tgt Ion:165 Resp: 135749
Ion Ratio Lower Upper
165 100
63 40.3 31.0 46.6
89 67.8 51.7 77.5
182 2.8 2.2 3.2



#58
Fluorene
Concen: 9.631 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:166 Resp: 493884
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.3 11.0 16.4

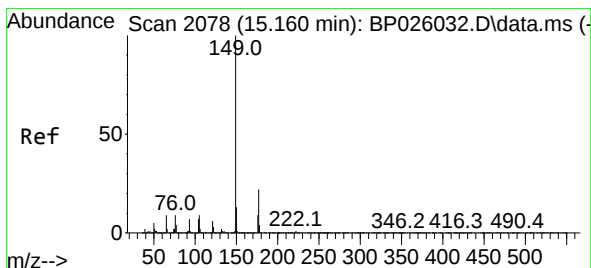
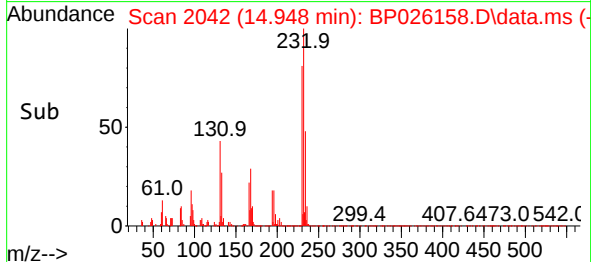
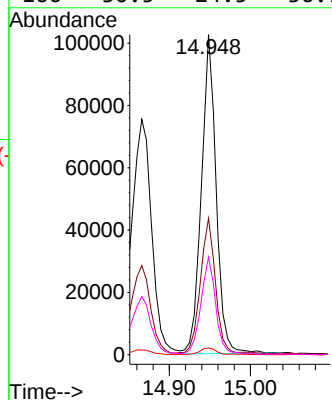
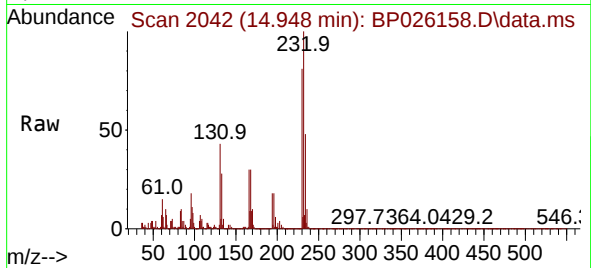




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.017 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

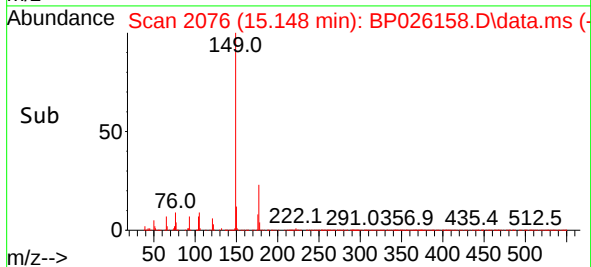
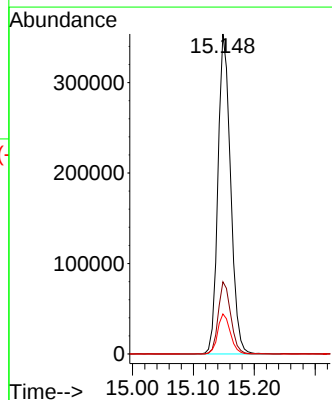
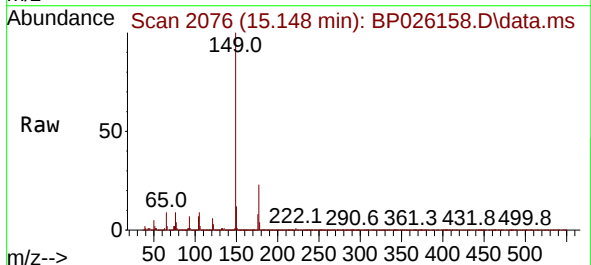
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

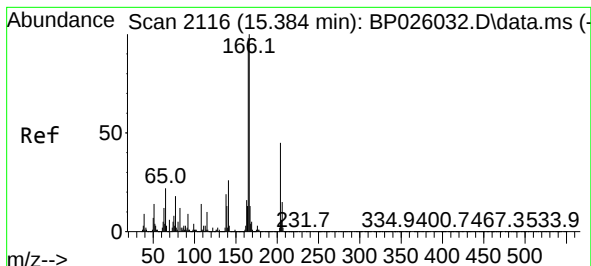
Tgt Ion:232	Resp:	129530
Ion Ratio	Lower	Upper
232	100	
131	44.0	34.8 52.2
130	2.5	1.8 2.8
166	30.5	24.5 36.7



#60
Diethylphthalate
Concen: 9.236 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.023 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:149	Resp:	508534
Ion Ratio	Lower	Upper
149	100	
177	22.6	17.9 26.9
150	12.5	9.9 14.9

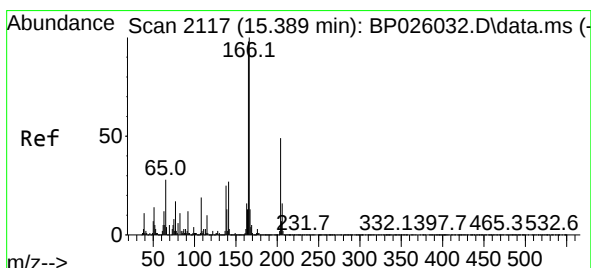
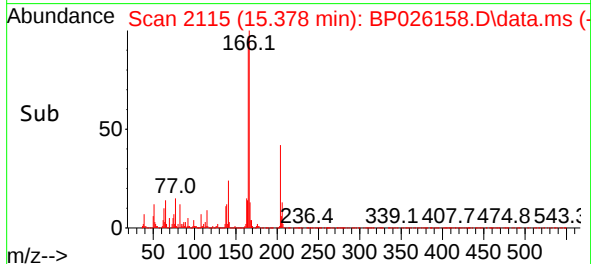
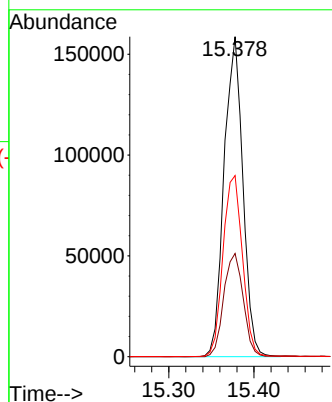
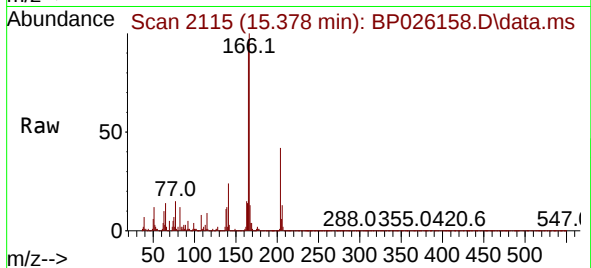




#61
4-Chlorophenyl-phenylether
Concen: 9.501 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

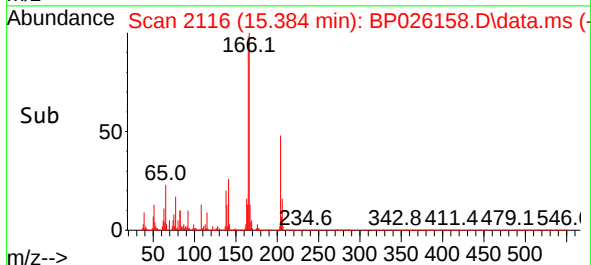
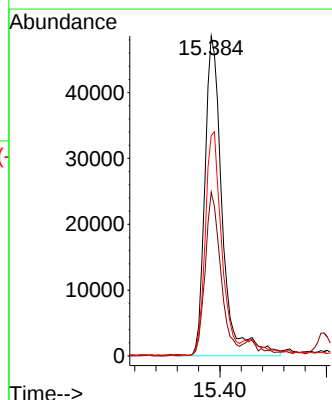
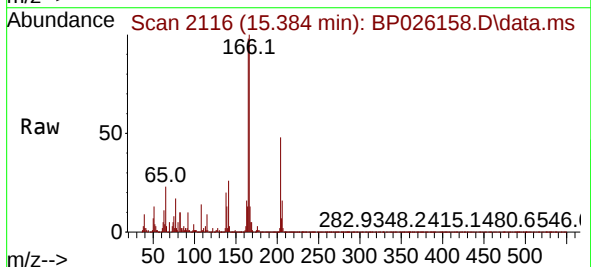
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

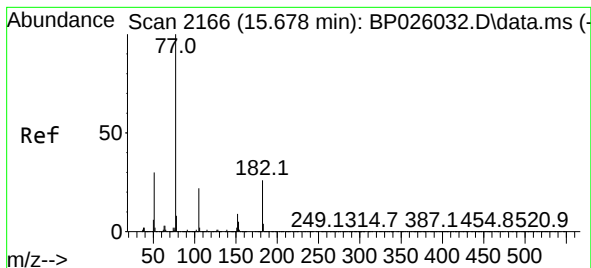
Tgt Ion:204 Resp: 242410
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 56.6 48.1 72.1



#62
4-Nitroaniline
Concen: 8.307 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.017 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:138 Resp: 110005
Ion Ratio Lower Upper
138 100
92 51.2 27.5 67.5
108 68.9 51.1 91.1





#63

Azobenzene

Concen: 9.387 ng

RT: 15.678 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion: 77 Resp: 435792

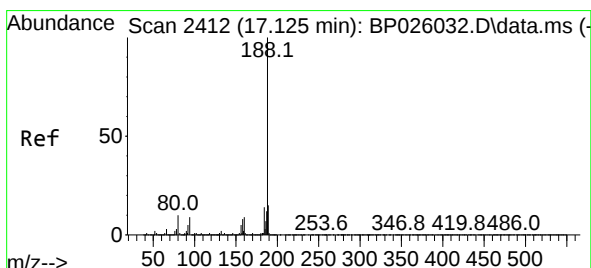
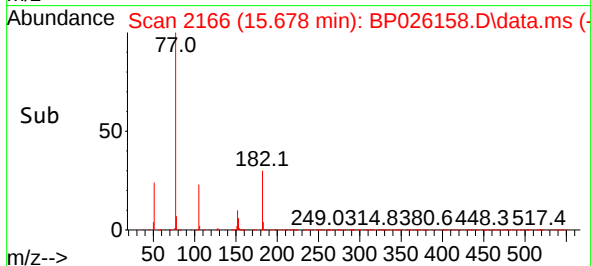
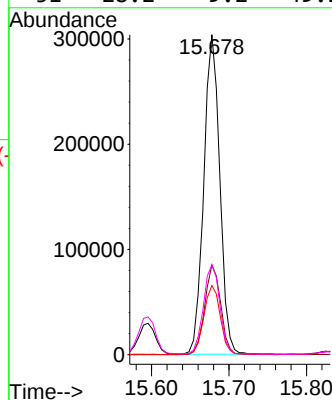
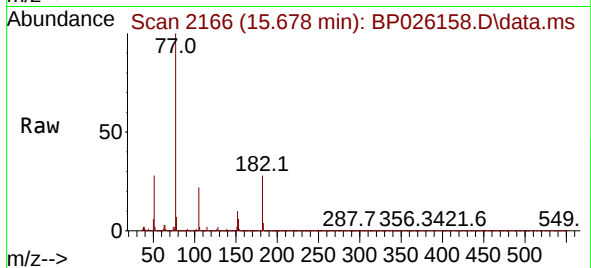
Ion Ratio Lower Upper

77 100

182 28.1 8.8 48.8

105 21.6 2.6 42.6

51 28.2 9.2 49.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

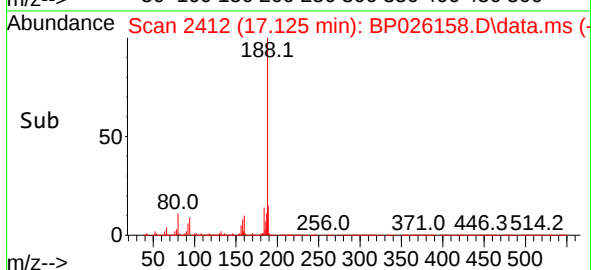
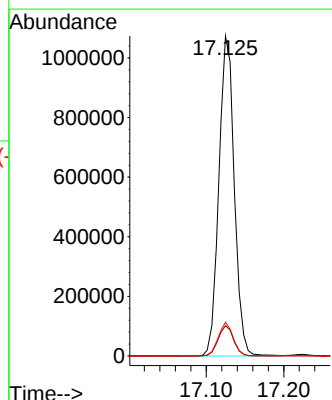
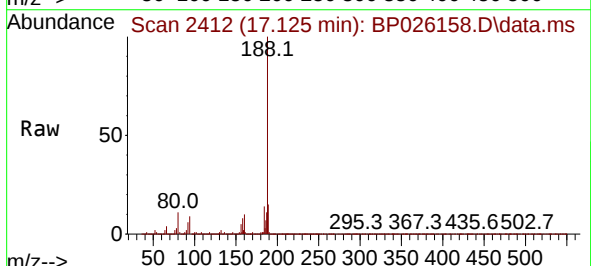
Tgt Ion:188 Resp: 1483397

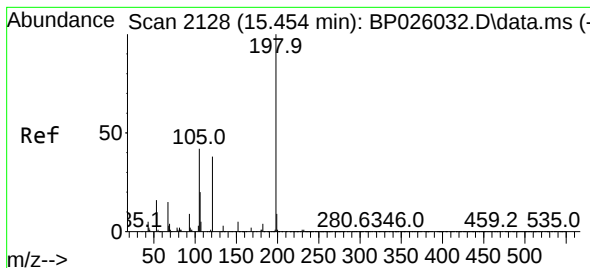
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 10.5 8.2 12.2

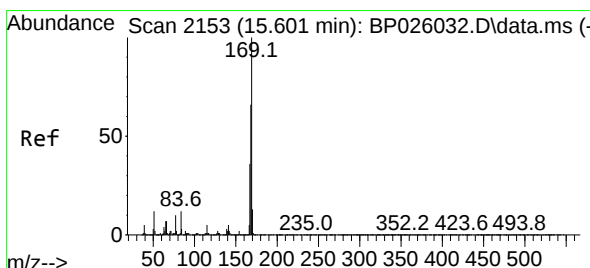
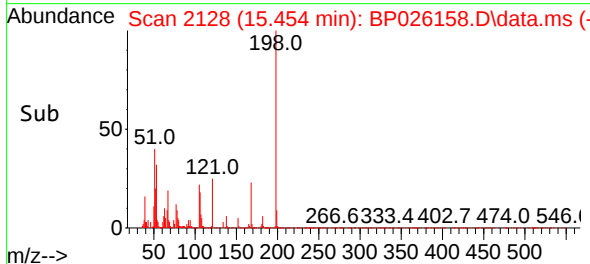
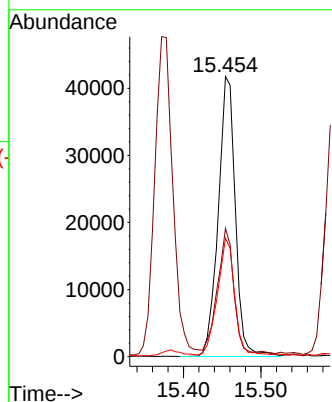
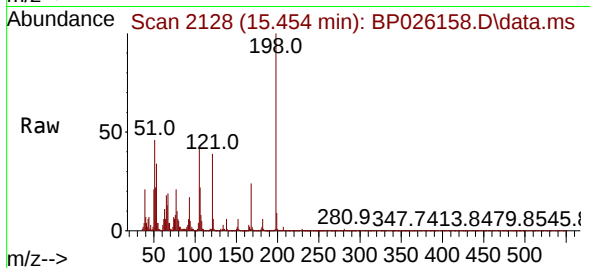




#65
4,6-Dinitro-2-methylphenol
Concen: 6.804 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

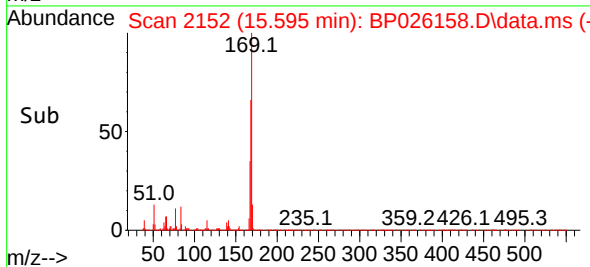
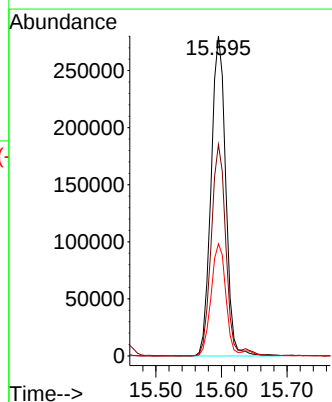
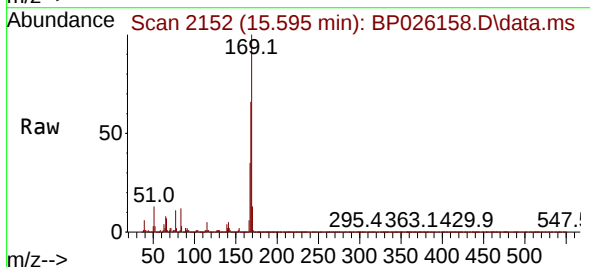
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2025

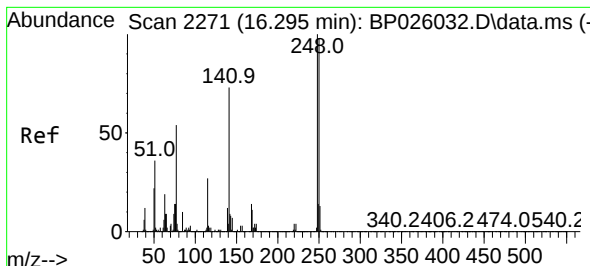
Tgt Ion:198 Resp: 64124
Ion Ratio Lower Upper
198 100
51 45.8 18.4 58.4
105 42.3 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 9.463 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:169 Resp: 434233
Ion Ratio Lower Upper
169 100
168 66.1 53.1 79.7
167 35.1 28.9 43.3

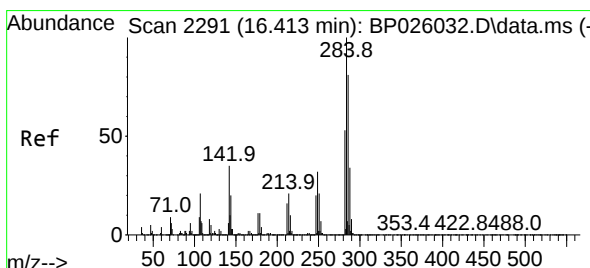
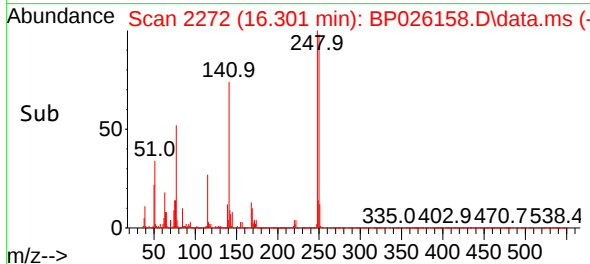
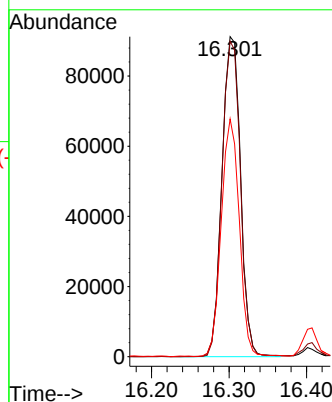
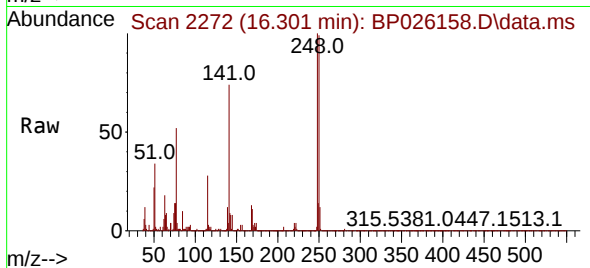




#67
4-Bromophenyl-phenylether
Concen: 9.251 ng
RT: 16.301 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

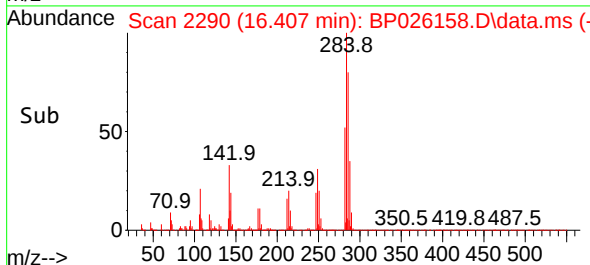
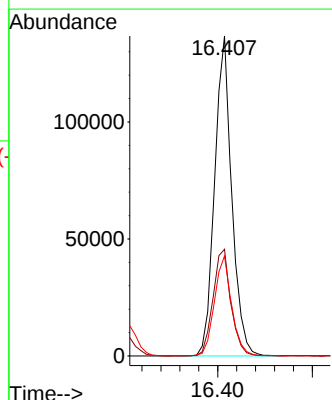
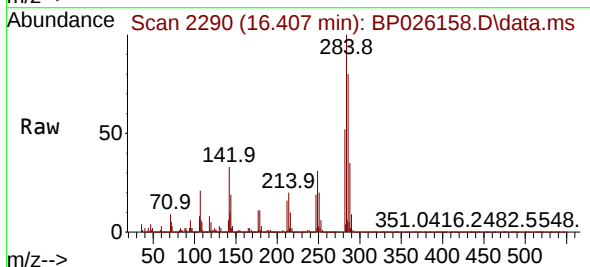
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

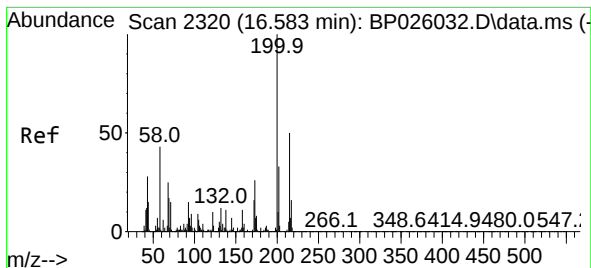
Tgt Ion:248 Resp: 151980
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 74.3 55.4 83.0



#68
Hexachlorobenzene
Concen: 9.000 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.017 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:284 Resp: 171567
Ion Ratio Lower Upper
284 100
142 33.4 28.0 42.0
249 31.2 25.0 37.4





#69

Atrazine

Concen: 9.107 ng

RT: 16.578 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

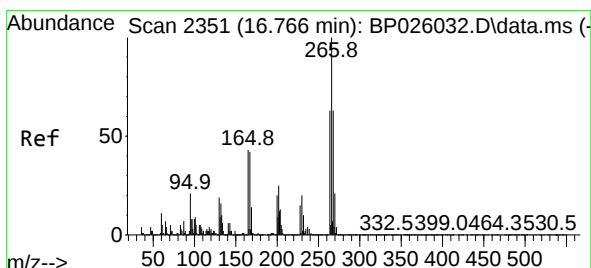
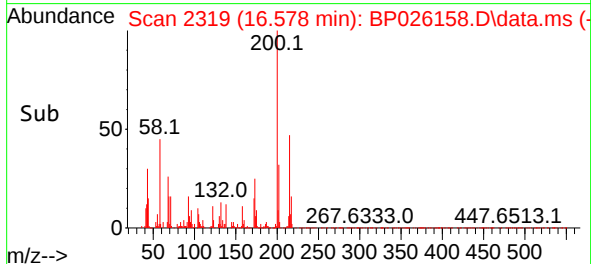
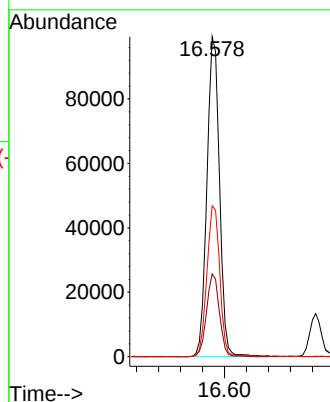
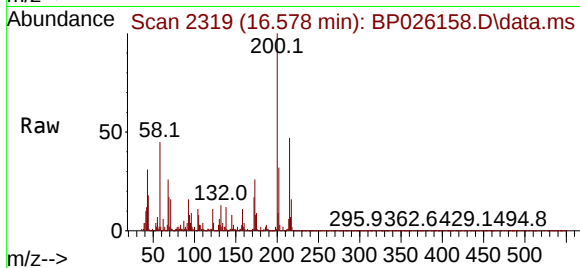
Tgt Ion:200 Resp: 157583

Ion Ratio Lower Upper

200 100

173 25.9 6.7 46.7

215 47.1 27.4 67.4



#70

Pentachlorophenol

Concen: 7.879 ng

RT: 16.766 min Scan# 2351

Delta R.T. -0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

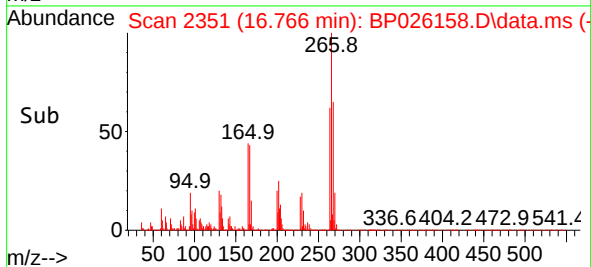
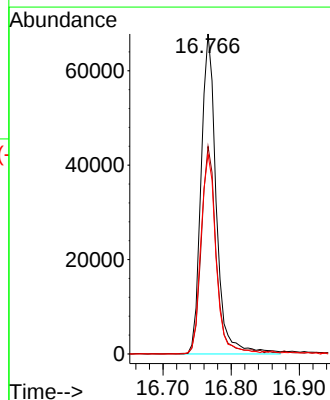
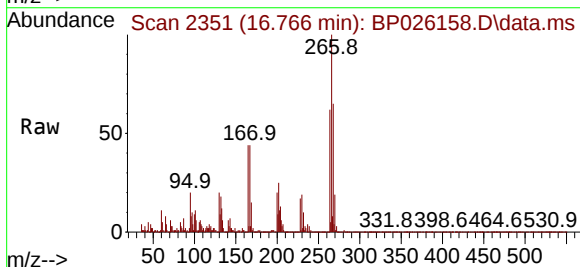
Tgt Ion:266 Resp: 105070

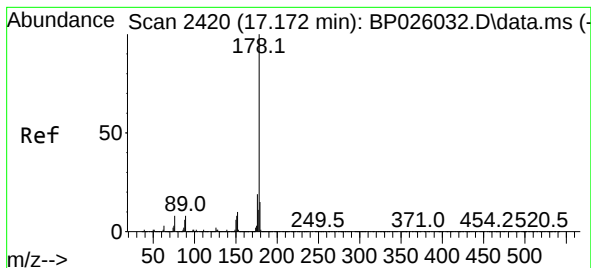
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.4

264 62.4 50.2 75.2





#71

Phenanthrene

Concen: 9.557 ng

RT: 17.166 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

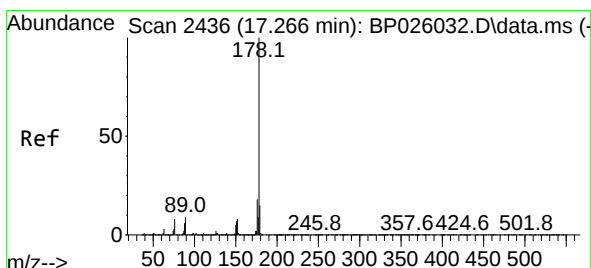
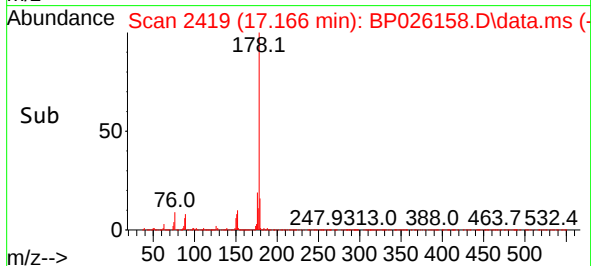
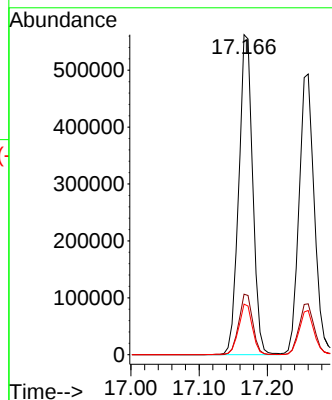
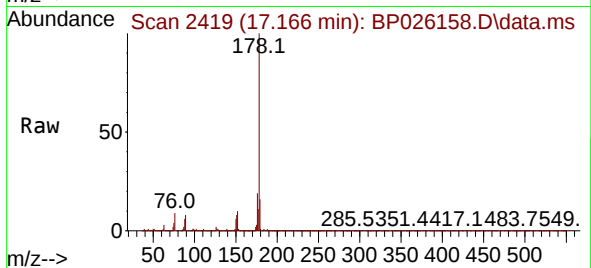
Tgt Ion:178 Resp: 798571

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.8 12.4 18.6



#72

Anthracene

Concen: 9.135 ng

RT: 17.260 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

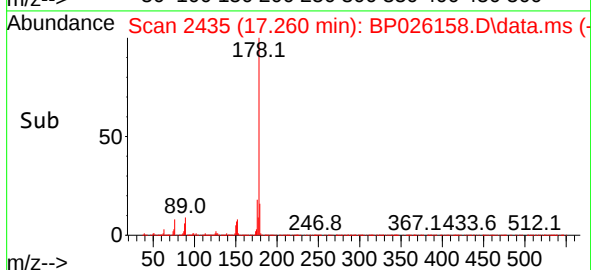
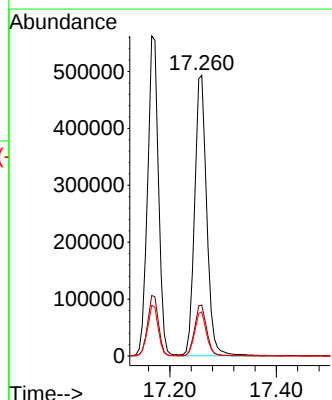
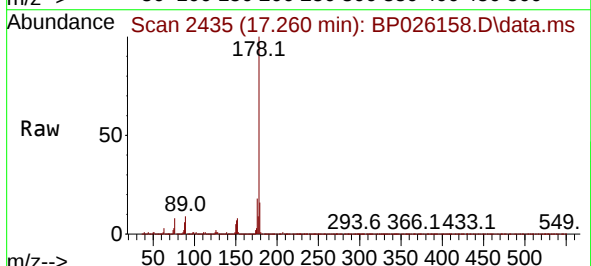
Tgt Ion:178 Resp: 778539

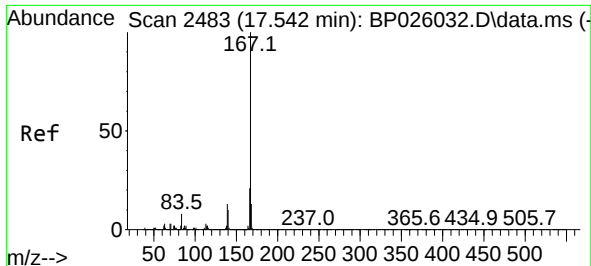
Ion Ratio Lower Upper

178 100

176 18.1 14.8 22.2

179 15.8 12.2 18.4

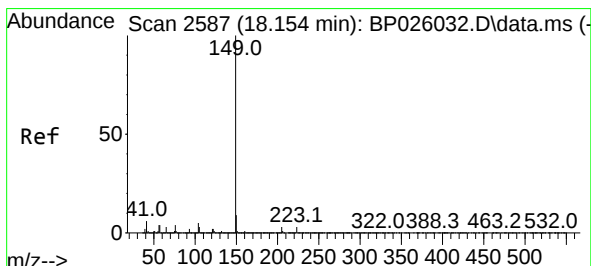
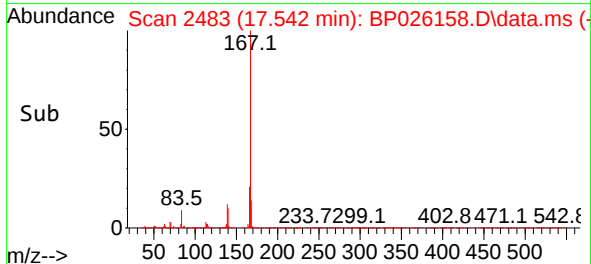
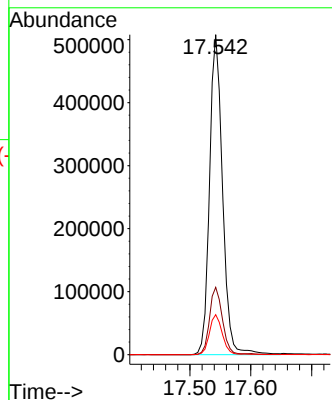
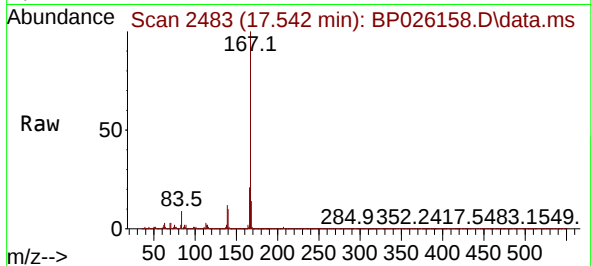




#73
 Carbazole
 Concen: 9.308 ng
 RT: 17.542 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BP026158.D
 Acq: 19 Nov 2025 14:50

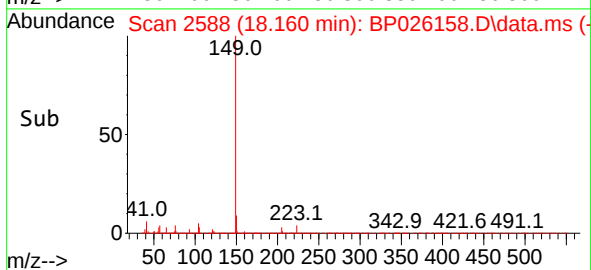
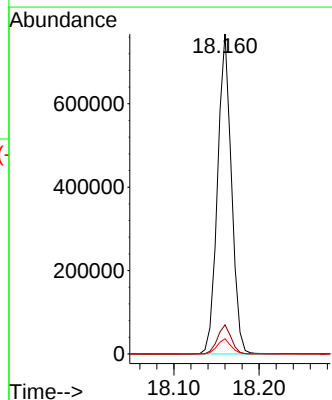
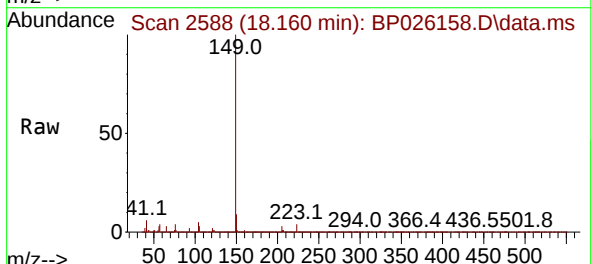
Instrument : BNA_P
 ClientSampleId : LOQ-SOIL-02-QT4-2025

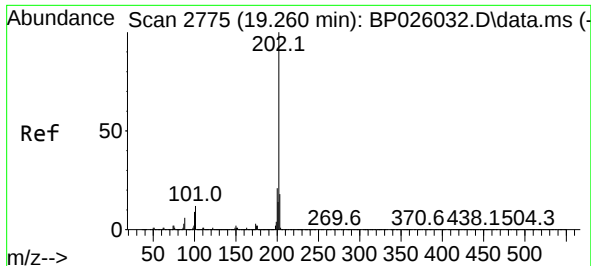
Tgt Ion:	167	Resp:	753456
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.5	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 9.044 ng
 RT: 18.160 min Scan# 2588
 Delta R.T. 0.000 min
 Lab File: BP026158.D
 Acq: 19 Nov 2025 14:50

Tgt Ion:	149	Resp:	867959
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.7	3.6	5.4

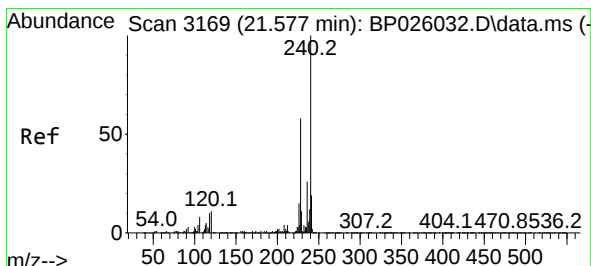
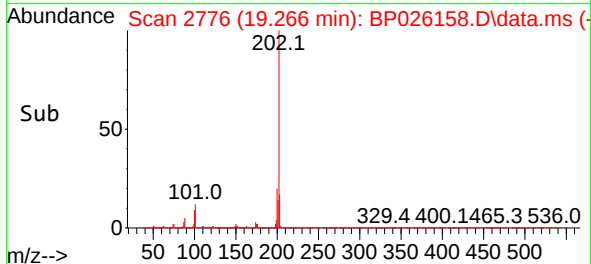
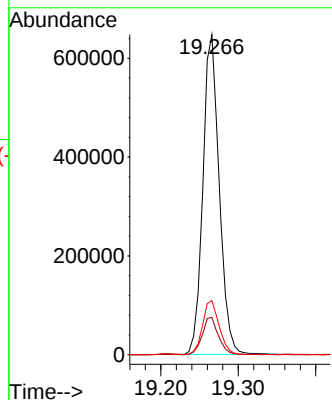
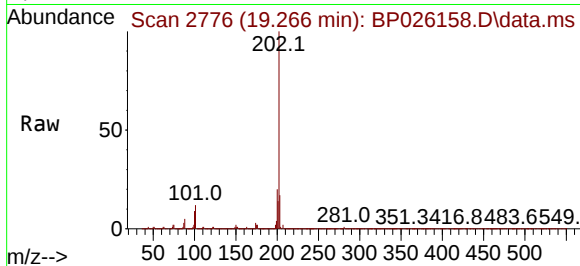




#75
Fluoranthene
Concen: 9.351 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

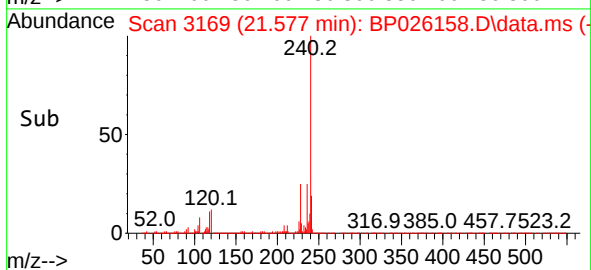
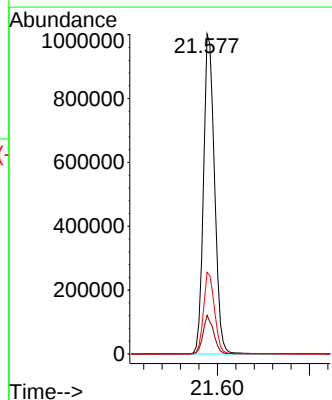
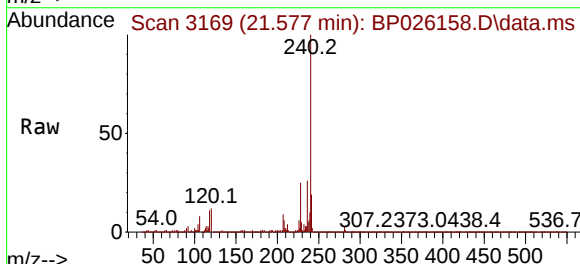
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

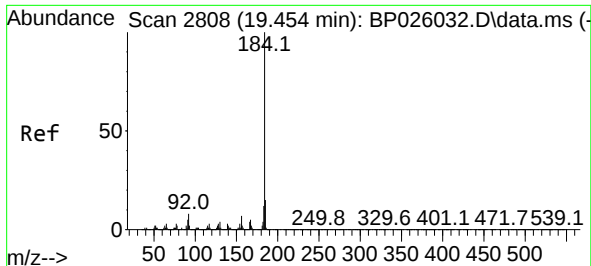
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
203	16.9	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	25.5	20.4	30.6

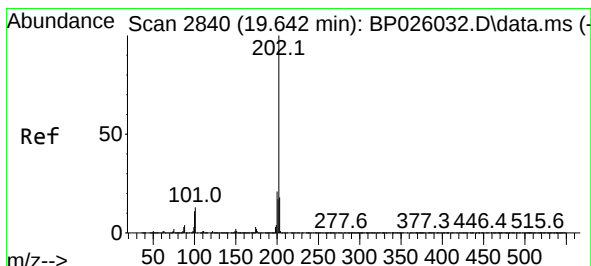
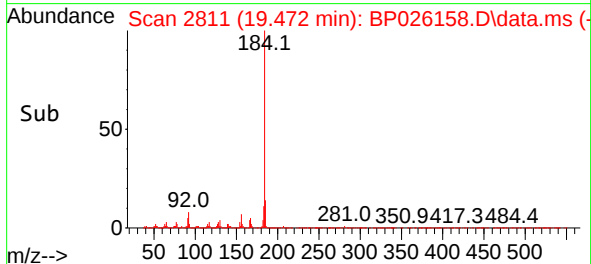
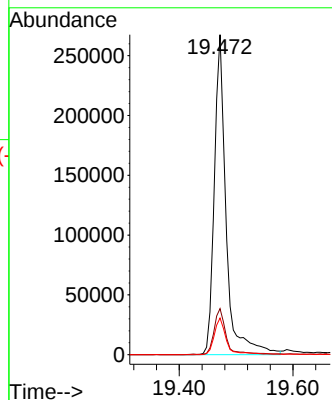
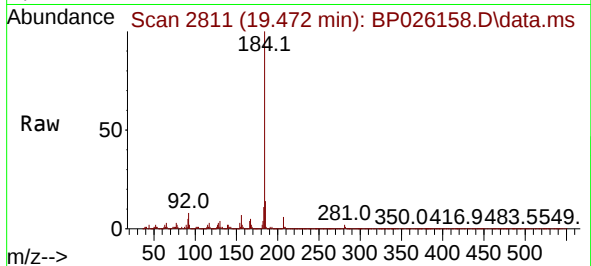




#77
Benzidine
Concen: 7.238 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

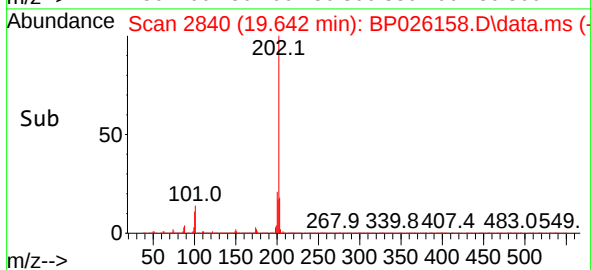
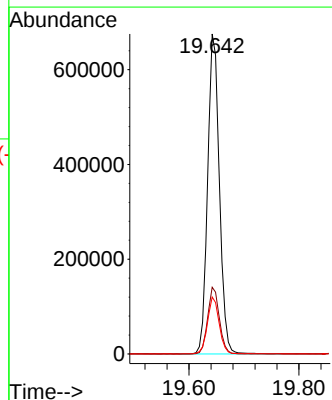
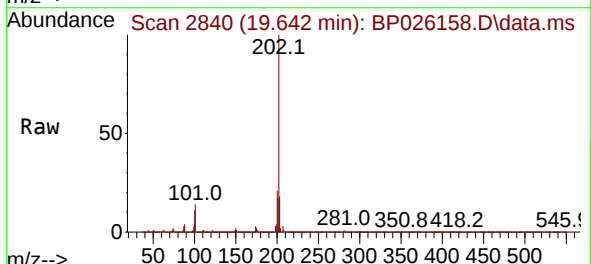
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

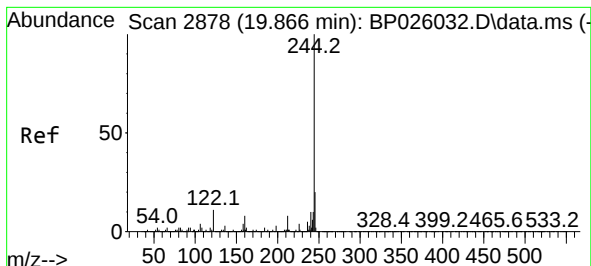
Tgt Ion:184 Resp: 385018
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.4 9.0 13.6



#78
Pyrene
Concen: 9.068 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:202 Resp: 996618
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 80.635 ng

RT: 19.872 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

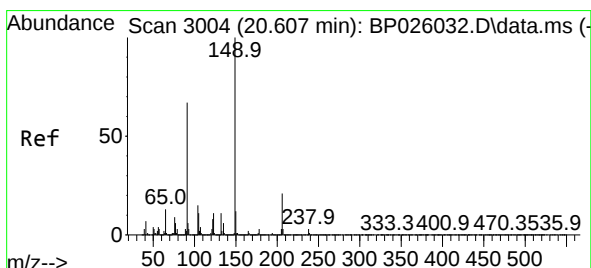
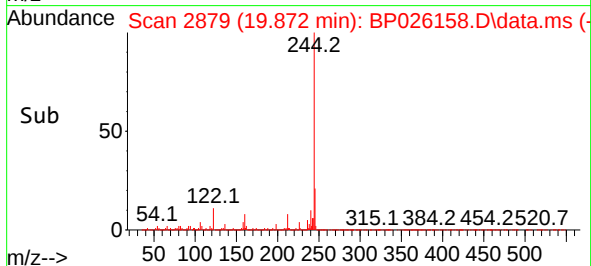
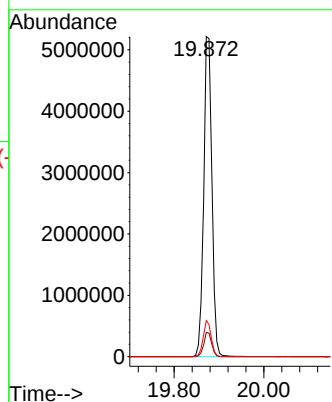
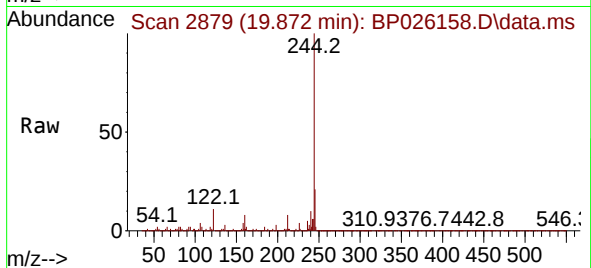
Tgt Ion:244 Resp: 6628754

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 11.2 8.2 12.2



#80

Butylbenzylphthalate

Concen: 8.292 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

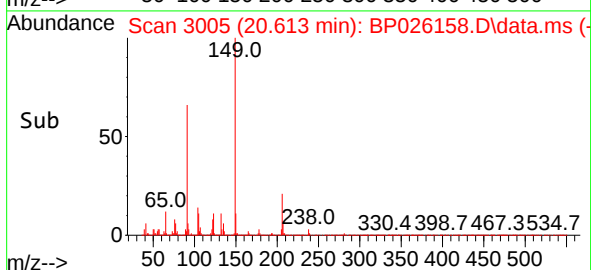
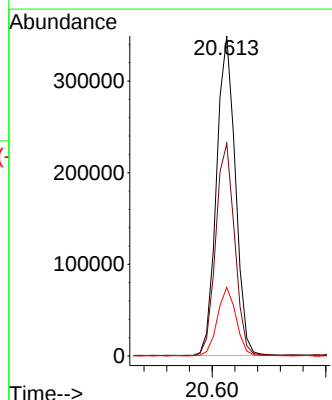
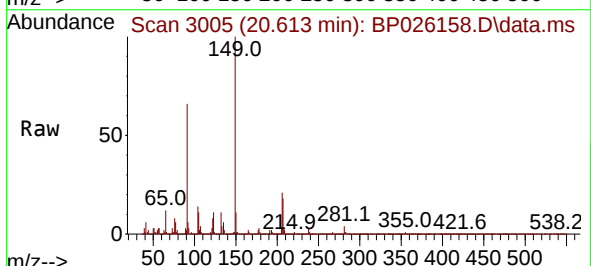
Tgt Ion:149 Resp: 401340

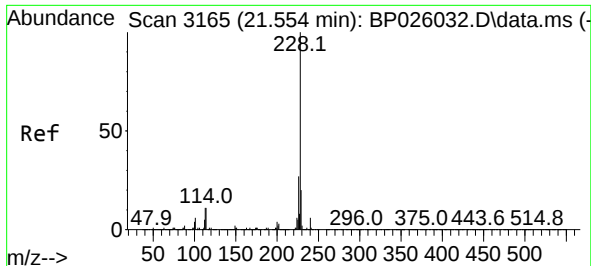
Ion Ratio Lower Upper

149 100

91 66.4 52.6 79.0

206 21.4 16.9 25.3

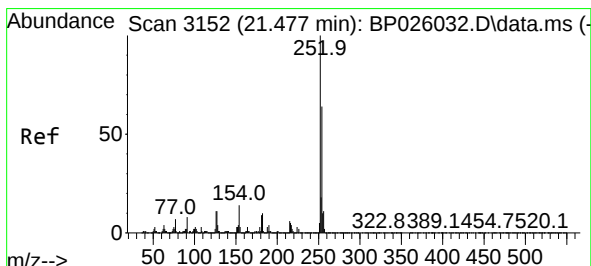
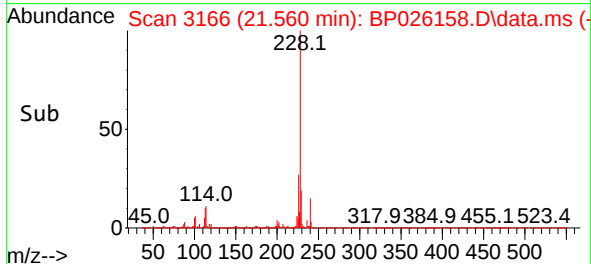
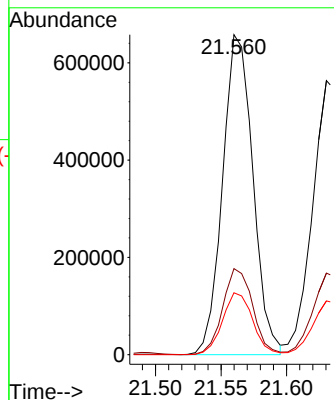
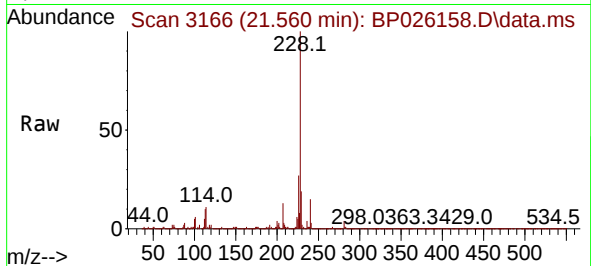




#81
Benzo(a)anthracene
Concen: 9.193 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

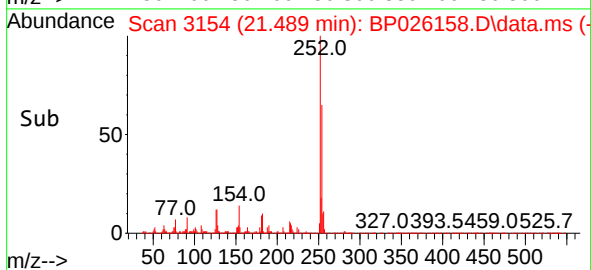
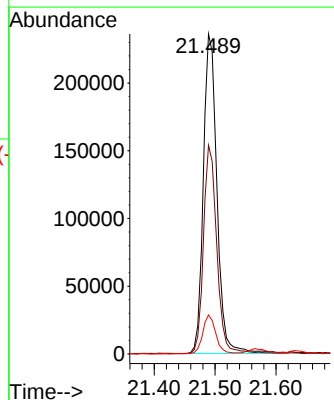
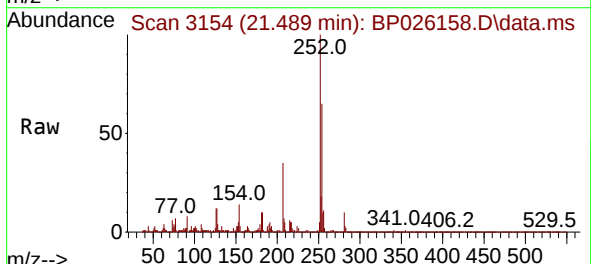
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

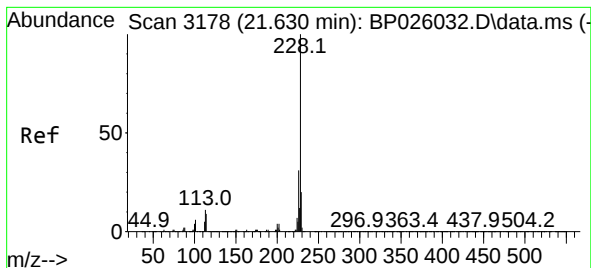
Tgt Ion:228 Resp: 1058347
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.3 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 8.786 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:252 Resp: 367825
Ion Ratio Lower Upper
252 100
254 65.2 51.2 76.8
126 12.2 8.2 12.4





#83

Chrysene

Concen: 9.603 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

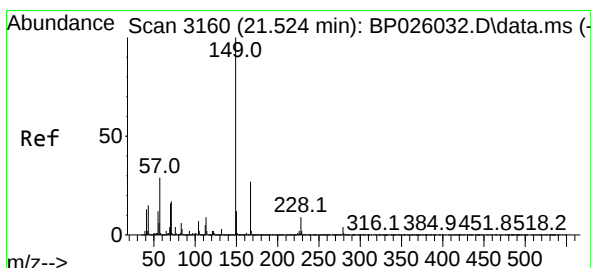
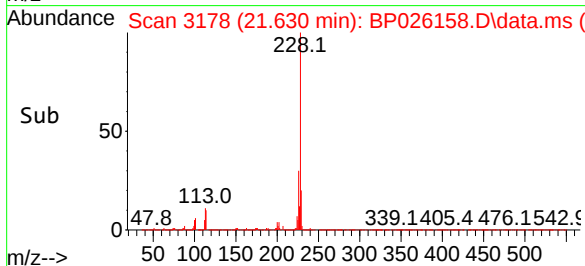
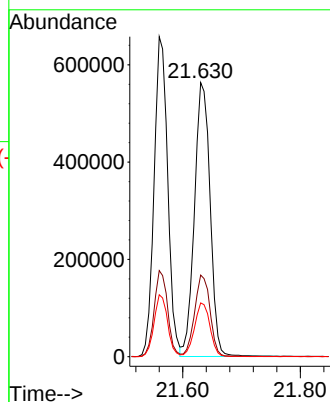
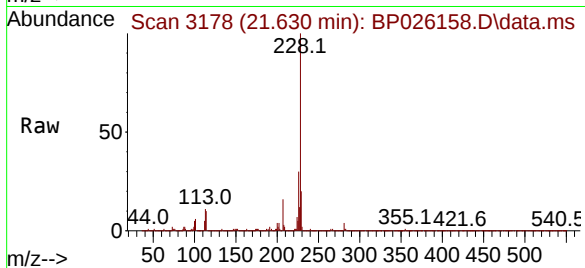
Tgt Ion:228 Resp: 1041917

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.634 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

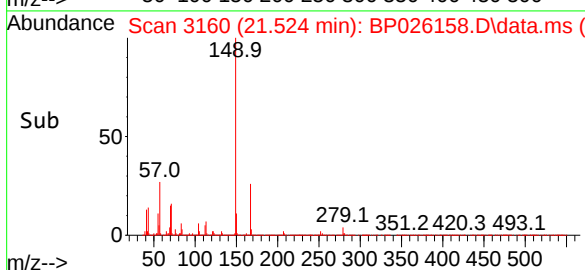
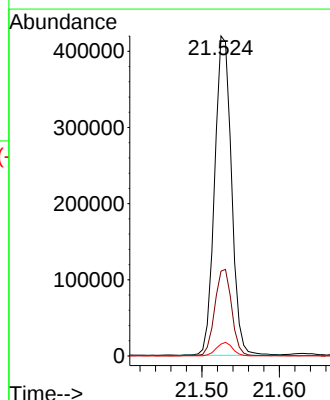
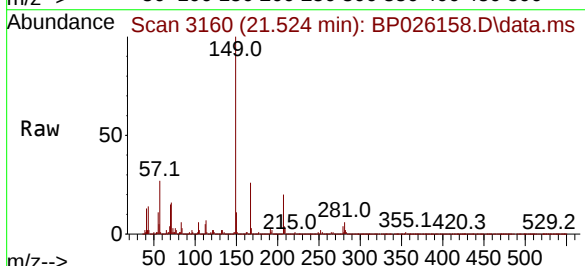
Tgt Ion:149 Resp: 632603

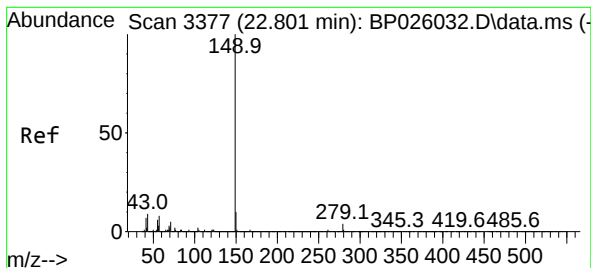
Ion Ratio Lower Upper

149 100

167 26.5 22.1 33.1

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 8.007 ng

RT: 22.807 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

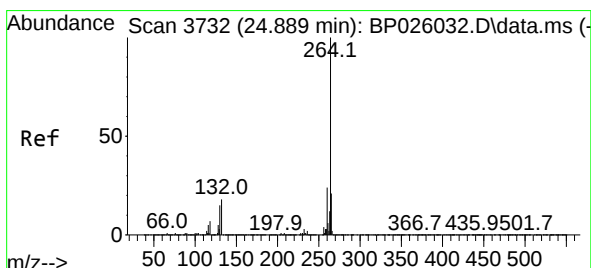
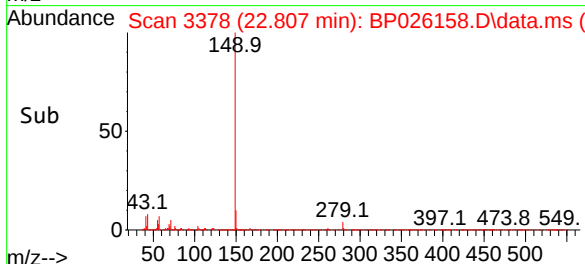
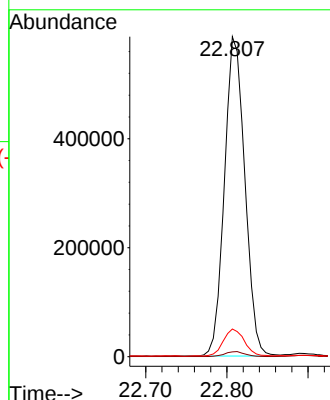
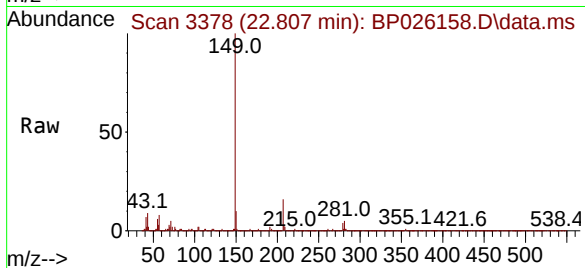
Tgt Ion:149 Resp: 1025884

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.907 min Scan# 3735

Delta R.T. 0.000 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

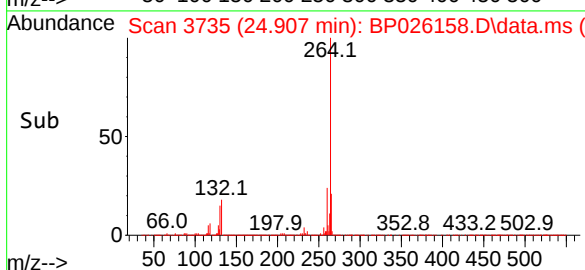
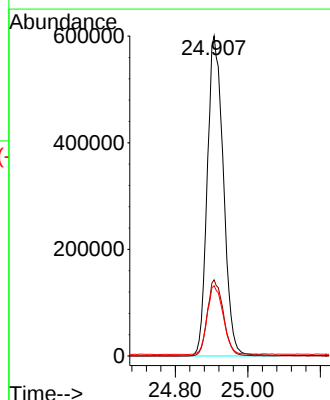
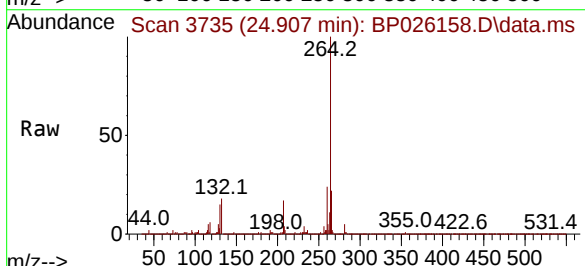
Tgt Ion:264 Resp: 1845784

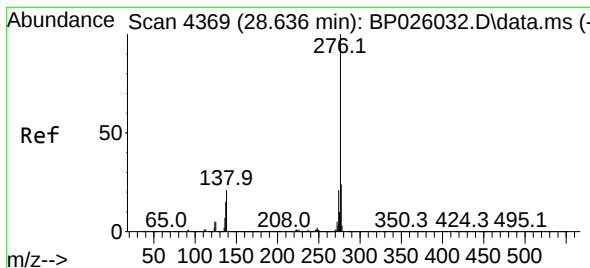
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.102 ng

RT: 28.683 min Scan# 41

Delta R.T. -0.023 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

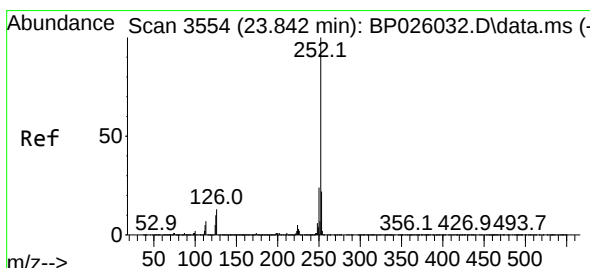
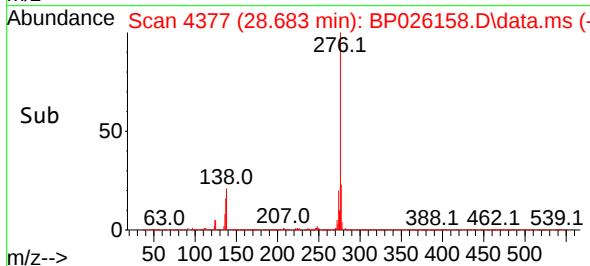
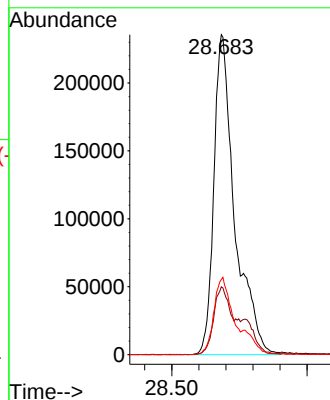
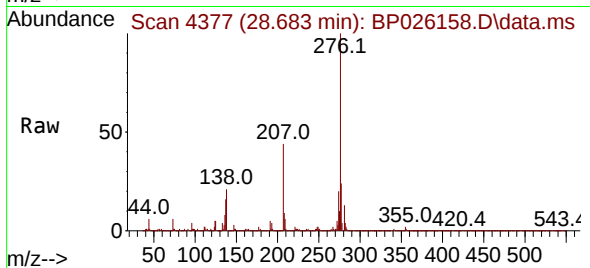
Tgt Ion:276 Resp: 1259995

Ion Ratio Lower Upper

276 100

138 19.3 13.8 20.8

277 20.6 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 9.689 ng

RT: 23.866 min Scan# 3558

Delta R.T. 0.000 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

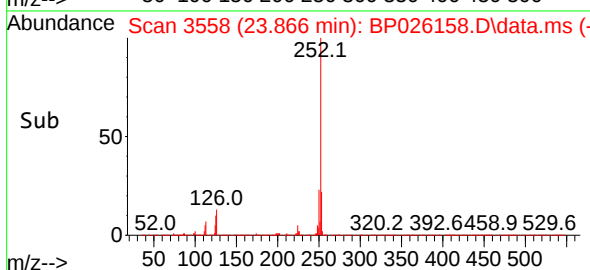
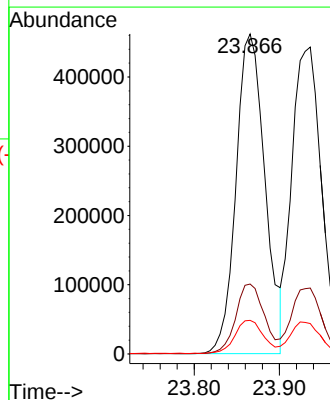
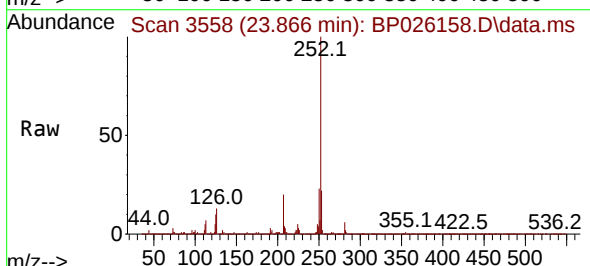
Tgt Ion:252 Resp: 1089112

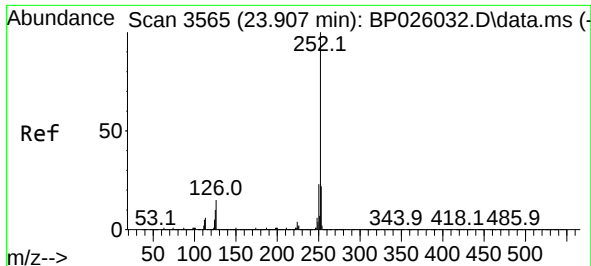
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.5 8.2 12.4

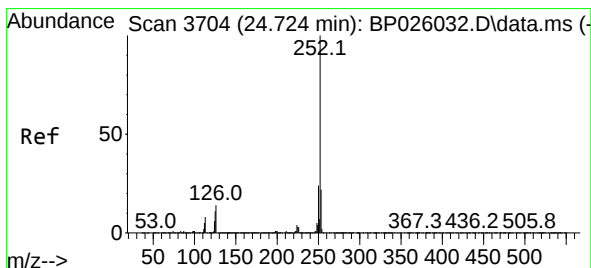
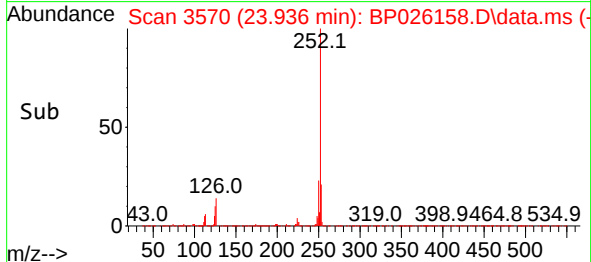
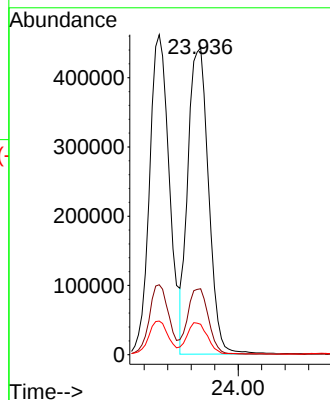
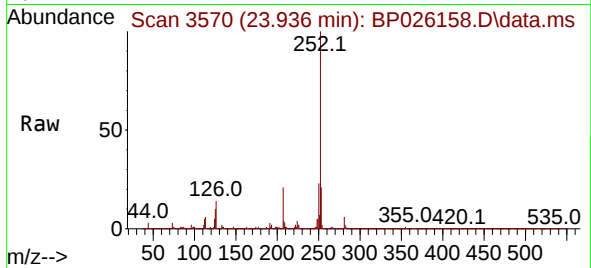




#89
Benzo(k)fluoranthene
Concen: 9.596 ng
RT: 23.936 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

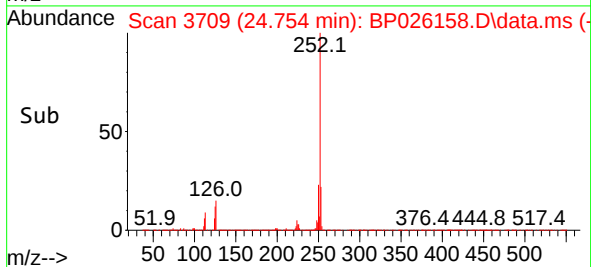
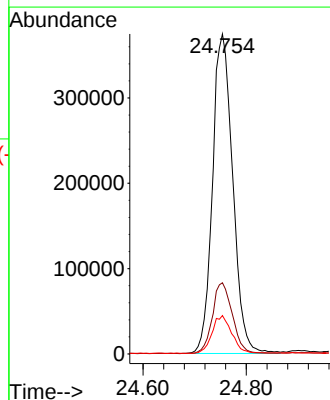
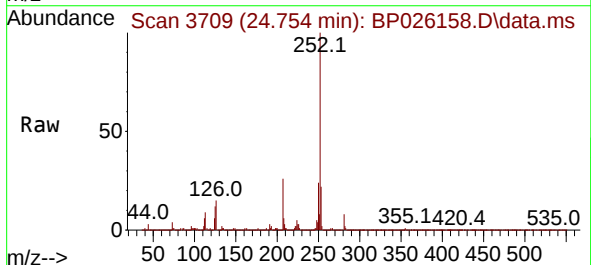
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

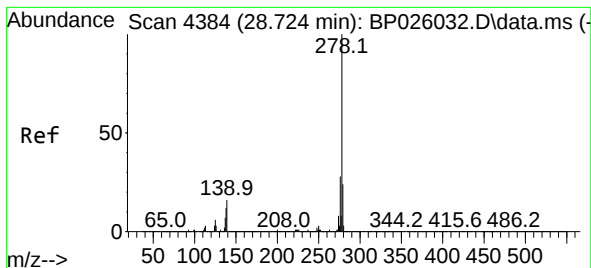
Tgt Ion:252 Resp: 1077360
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.9 7.5 11.3



#90
Benzo(a)pyrene
Concen: 9.565 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026158.D
Acq: 19 Nov 2025 14:50

Tgt Ion:252 Resp: 1018398
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 12.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 9.178 ng

RT: 28.777 min Scan# 41

Delta R.T. -0.017 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

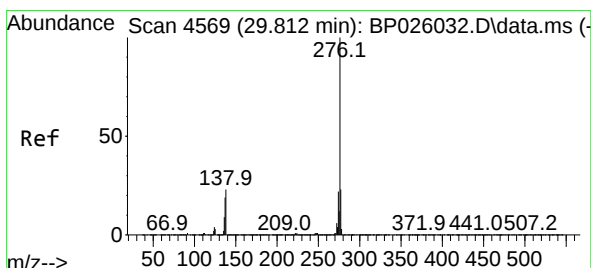
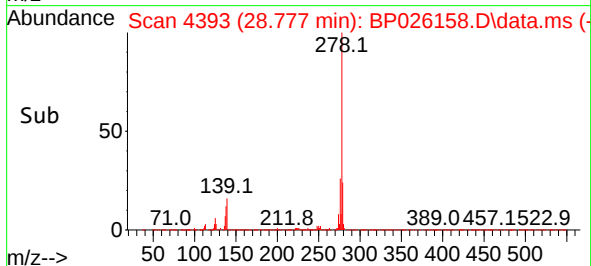
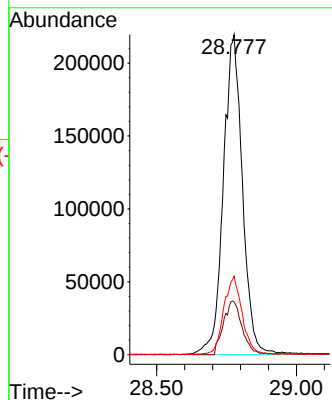
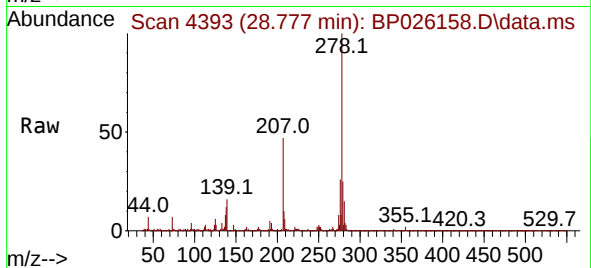
Tgt Ion:278 Resp: 1040020

Ion Ratio Lower Upper

278 100

139 16.4 13.2 19.8

279 24.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 9.033 ng

RT: 29.859 min Scan# 4577

Delta R.T. -0.023 min

Lab File: BP026158.D

Acq: 19 Nov 2025 14:50

Tgt Ion:276 Resp: 1017436

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 23.1 17.8 26.6

