

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
 Data File : BP026182.D
 Acq On : 21 Nov 2025 12:38
 Operator : RC/JU
 Sample : Q3530-03
 Misc : MDL-SOIL-8NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

Quant Time: Nov 21 12:58:47 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	7.654	152	412843	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	1419968	20.000	ng	-0.03
39) Acenaphthene-d10	14.301	164	820331	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1481967	20.000	ng	-0.01
76) Chrysene-d12	21.571	240	1500207	20.000	ng	0.00
86) Perylene-d12	24.901	264	1574815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	3436600	133.611	ng	-0.01
7) Phenol-d6	6.831	99	3683287	112.485	ng	-0.02
23) Nitrobenzene-d5	8.790	82	2223051	88.928	ng	-0.02
42) 2,4,6-Tribromophenol	15.825	330	1205286	113.261	ng	-0.01
45) 2-Fluorobiphenyl	12.907	172	5011526	89.535	ng	-0.02
79) Terphenyl-d14	19.871	244	6811316	92.578	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.237	88	98475	9.439	ng	99
3) Pyridine	3.625	79	207467	6.881	ng	98
4) n-Nitrosodimethylamine	3.537	42	81483	7.231	ng	# 92
6) Aniline	6.990	93	292806	6.773	ng	98
8) 2-Chlorophenol	7.225	128	216782	7.404	ng	99
9) Benzaldehyde	6.802	77	157102	9.155	ng	97
10) Phenol	6.854	94	244135	6.921	ng	94
11) bis(2-Chloroethyl)ether	7.078	93	189118	6.847	ng	98
12) 1,3-Dichlorobenzene	7.543	146	260817	8.269	ng	100
13) 1,4-Dichlorobenzene	7.690	146	256911	8.083	ng	98
14) 1,2-Dichlorobenzene	8.002	146	242784	7.955	ng	100
15) Benzyl Alcohol	7.884	79	146702	6.115	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.178	45	264928	6.830	ng	98
17) 2-Methylphenol	8.084	107	151876	6.325	ng	99
18) Hexachloroethane	8.719	117	90368	7.814	ng	98
19) n-Nitroso-di-n-propyla...	8.443	70	120245	5.911	ng	97
20) 3+4-Methylphenols	8.407	107	198876	5.977	ng	99
22) Acetophenone	8.460	105	277493	7.688	ng	# 99
24) Nitrobenzene	8.831	77	198143	7.836	ng	99
25) Isophorone	9.354	82	348536	7.033	ng	98
26) 2-Nitrophenol	9.537	139	81665	6.382	ng	97
27) 2,4-Dimethylphenol	9.601	122	143948	6.239	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	229892	7.407	ng	99
29) 2,4-Dichlorophenol	10.066	162	164841	7.148	ng	97
30) 1,2,4-Trichlorobenzene	10.284	180	200092	8.521	ng	98
31) Naphthalene	10.472	128	592539	7.721	ng	100
32) Benzoic acid	9.672	122	72723	3.743	ng	97
33) 4-Chloroaniline	10.572	127	229119	7.021	ng	100
34) Hexachlorobutadiene	10.766	225	123371	8.078	ng	99
35) Caprolactam	11.331	113	43897	5.316	ng	98
36) 4-Chloro-3-methylphenol	11.707	107	160376	6.543	ng	99
37) 2-Methylnaphthalene	12.090	142	357719	6.575	ng	99
38) 1-Methylnaphthalene	12.313	142	374059	7.034	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	212656	8.573	ng	100
41) Hexachlorocyclopentadiene	12.454	237	95693	5.895	ng	98
43) 2,4,6-Trichlorophenol	12.707	196	122659	7.213	ng	98

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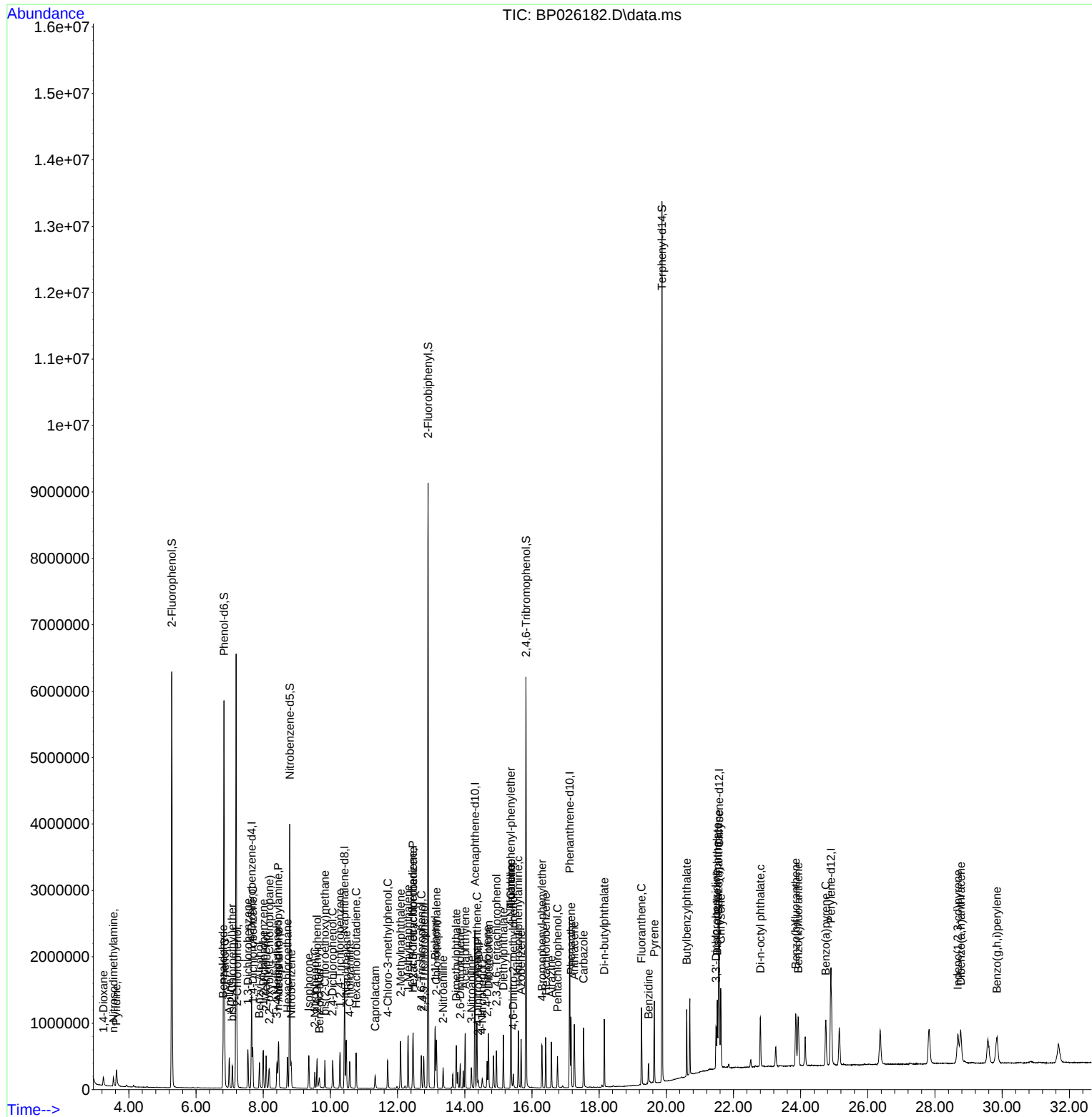
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44) 2,4,5-Trichlorophenol	12.778	196	137999	7.270	ng	98
46) 1,1'-Biphenyl	13.119	154	509384	8.246	ng	98
47) 2-Chloronaphthalene	13.154	162	389711	8.023	ng	100
48) 2-Nitroaniline	13.354	65	85194	6.307	ng	95
49) Acenaphthylene	14.013	152	597802	7.461	ng	99
50) Dimethylphthalate	13.748	163	454224	7.413	ng	98
51) 2,6-Dinitrotoluene	13.866	165	87886	7.239	ng	97
52) Acenaphthene	14.360	154	372816	7.940	ng	99
53) 3-Nitroaniline	14.195	138	88591	6.198	ng #	90
54) 2,4-Dinitrophenol	14.401	184	29069	3.967	ng	99
55) Dibenzofuran	14.707	168	567440	7.803	ng	99
56) 4-Nitrophenol	14.519	139	62179	4.808	ng	99
57) 2,4-Dinitrotoluene	14.666	165	109258	6.027	ng	96
58) Fluorene	15.372	166	445169	7.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	116349	7.225	ng	99
60) Diethylphthalate	15.148	149	441477	7.153	ng	100
61) 4-Chlorophenyl-phenyle...	15.372	204	221125	7.731	ng	99
62) 4-Nitroaniline	15.378	138	83794	5.645	ng	98
63) Azobenzene	15.678	77	386712	7.431	ng	99
65) 4,6-Dinitro-2-methylph...	15.442	198	50521	5.366	ng	94
66) n-Nitrosodiphenylamine	15.595	169	374210	8.163	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	129661	7.900	ng	97
68) Hexachlorobenzene	16.413	284	153416	8.056	ng	97
69) Atrazine	16.578	200	127479	7.374	ng	97
70) Pentachlorophenol	16.760	266	87804	6.591	ng	96
71) Phenanthrene	17.166	178	680924	8.156	ng	98
72) Anthracene	17.260	178	664885	7.809	ng	99
73) Carbazole	17.536	167	612211	7.570	ng	99
74) Di-n-butylphthalate	18.154	149	707217	7.376	ng	99
75) Fluoranthene	19.260	202	760409	7.497	ng	99
77) Benzidine	19.471	184	222751	4.679	ng	99
78) Pyrene	19.642	202	807734	8.212	ng	99
80) Butylbenzylphthalate	20.607	149	297551	6.869	ng	96
81) Benzo(a)anthracene	21.554	228	797400	7.739	ng	98
82) 3,3'-Dichlorobenzidine	21.483	252	252570	6.741	ng	100
83) Chrysene	21.618	228	766965	7.899	ng	99
84) Bis(2-ethylhexyl)phtha...	21.518	149	468812	7.149	ng	99
85) Di-n-octyl phthalate	22.801	149	715306	6.238	ng	99
87) Indeno(1,2,3-cd)pyrene	28.677	276	733459	6.210	ng	94
88) Benzo(b)fluoranthene	23.854	252	756073	7.884	ng	98
89) Benzo(k)fluoranthene	23.930	252	774555	8.086	ng	99
90) Benzo(a)pyrene	24.748	252	716022	7.882	ng	99
91) Dibenzo(a,h)anthracene	28.765	278	726719	7.517	ng	98
92) Benzo(g,h,i)perylene	29.842	276	723904	7.533	ng	98

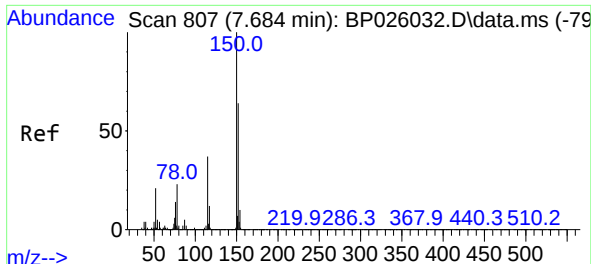
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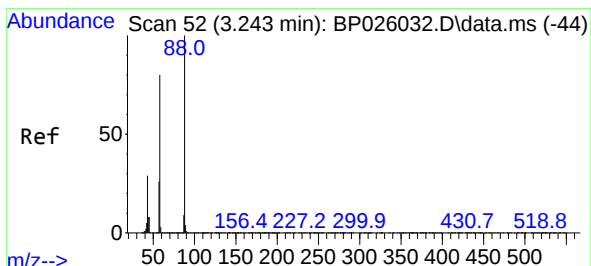
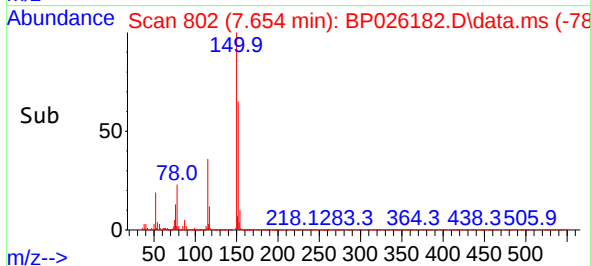
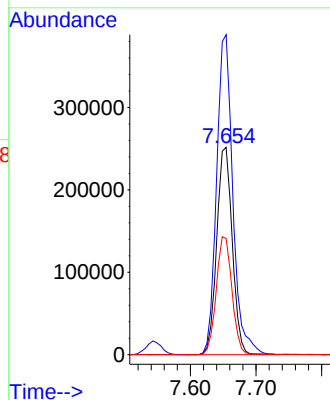
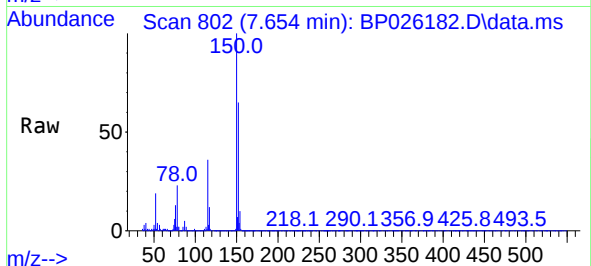




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.654 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026182.D
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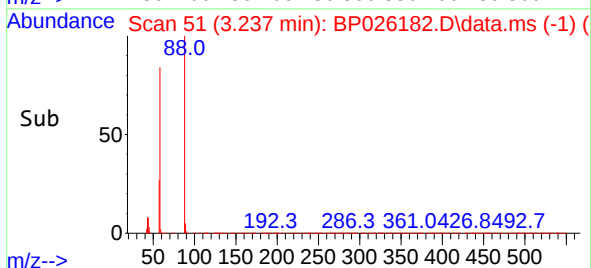
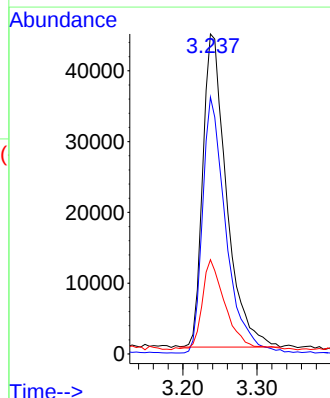
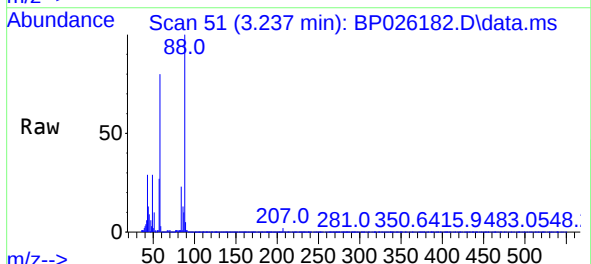
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BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

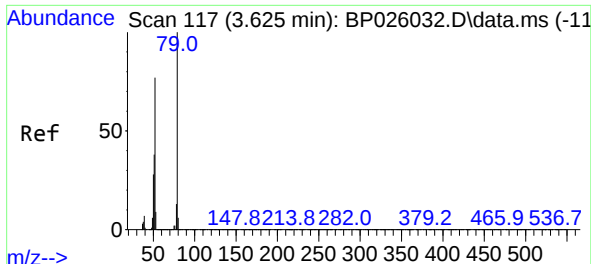
Tgt Ion:152 Resp: 412843
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.6
115 56.0 46.3 69.5



#2
1,4-Dioxane
Concen: 9.439 ng
RT: 3.237 min Scan# 51
Delta R.T. 0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 88 Resp: 98475
Ion Ratio Lower Upper
88 100
58 80.6 64.2 96.4
43 28.7 21.5 32.3

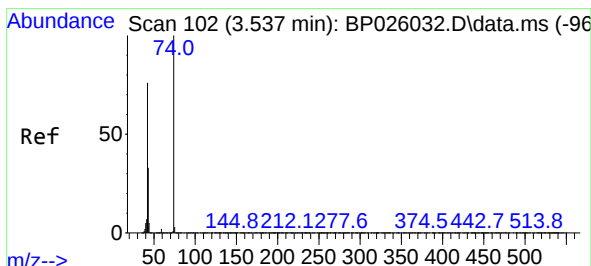
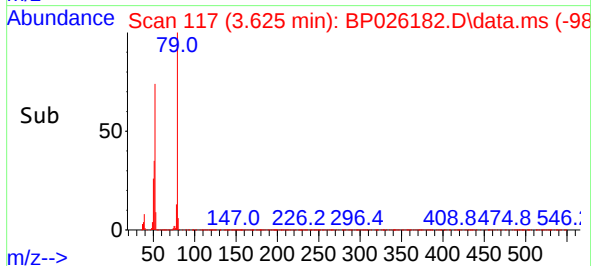
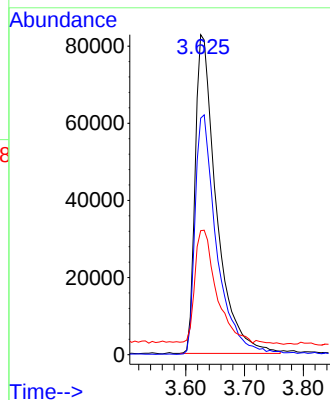
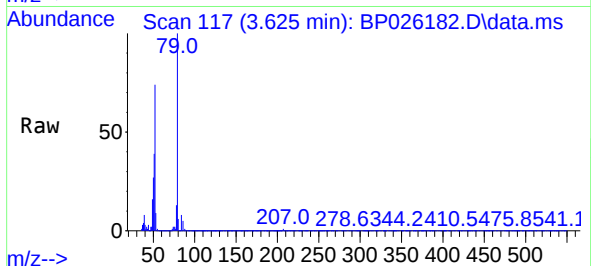




#3
Pyridine
Concen: 6.881 ng
RT: 3.625 min Scan# 117
Delta R.T. 0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

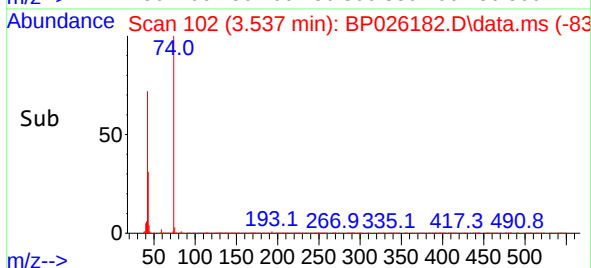
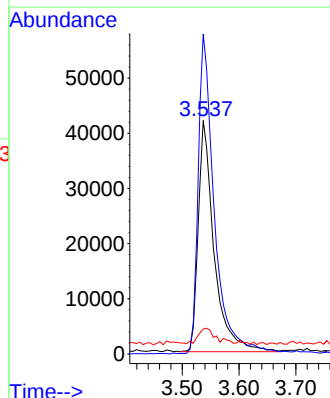
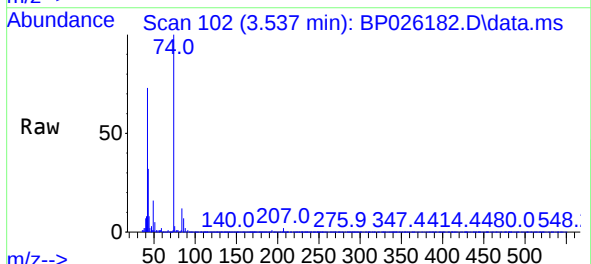
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

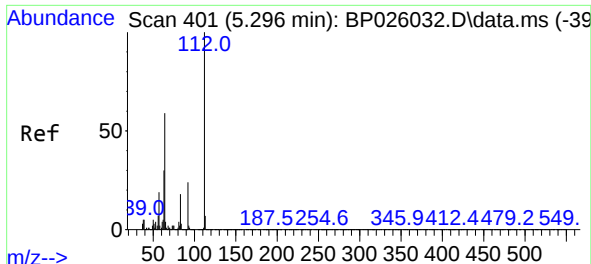
Tgt Ion: 79 Resp: 207467
Ion Ratio Lower Upper
79 100
52 73.9 60.2 90.2
51 38.7 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 7.231 ng
RT: 3.537 min Scan# 102
Delta R.T. 0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 42 Resp: 81483
Ion Ratio Lower Upper
42 100
74 137.1 118.1 177.1
44 10.7 6.2 9.4

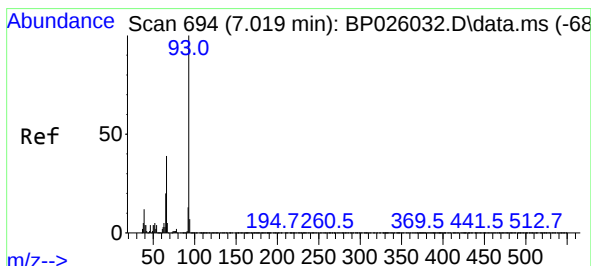
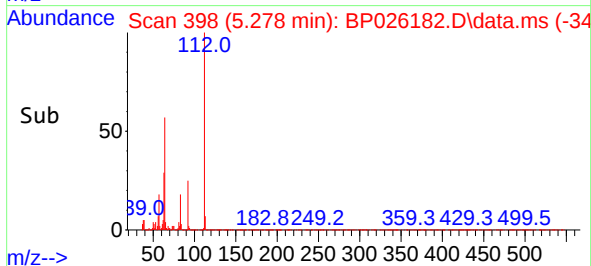
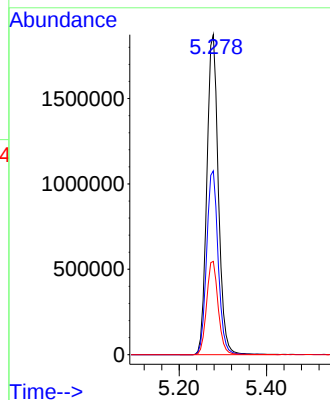
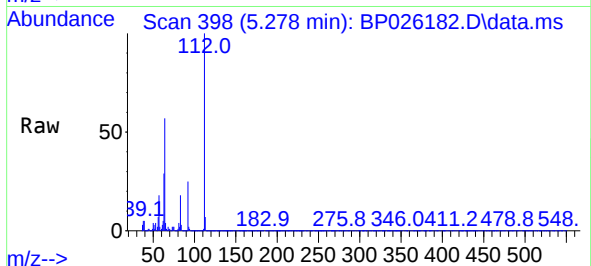




#5
2-Fluorophenol
Concen: 133.611 ng
RT: 5.278 min Scan# 34
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

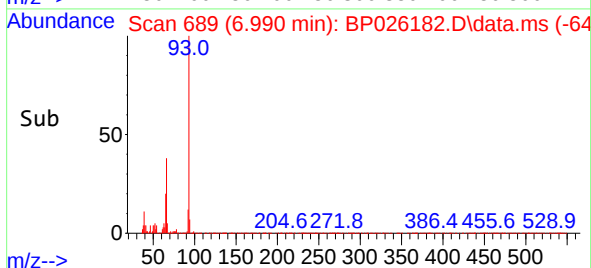
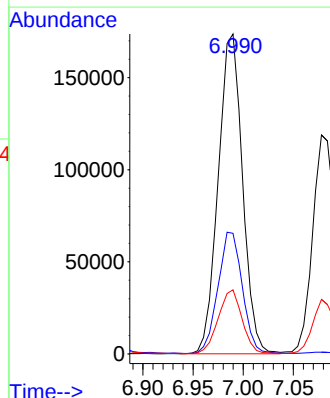
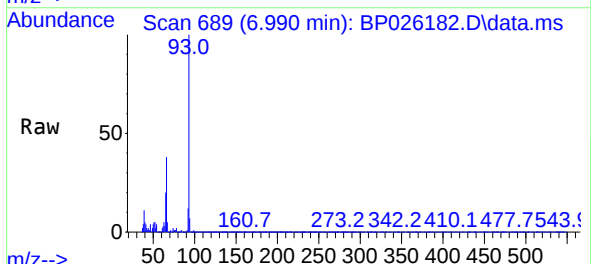
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

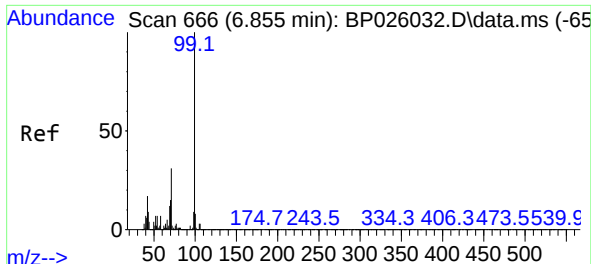
Tgt Ion:112 Resp: 3436600
Ion Ratio Lower Upper
112 100
64 57.5 45.8 68.6
63 29.2 23.5 35.3



#6
Aniline
Concen: 6.773 ng
RT: 6.990 min Scan# 689
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 93 Resp: 292806
Ion Ratio Lower Upper
93 100
66 37.7 31.7 47.5
65 20.1 15.8 23.6



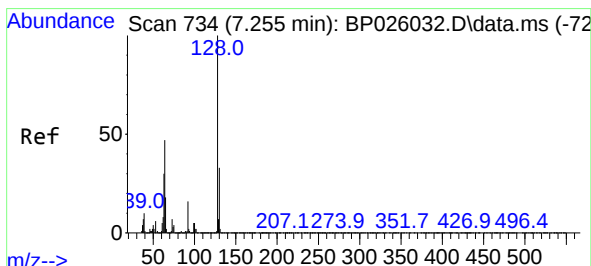
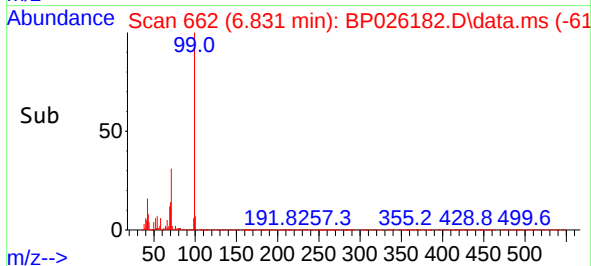
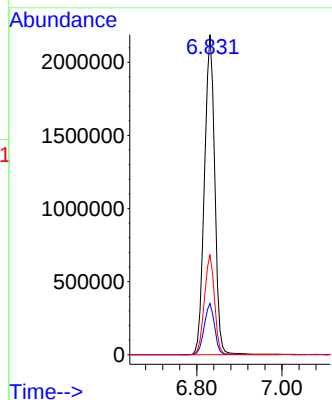
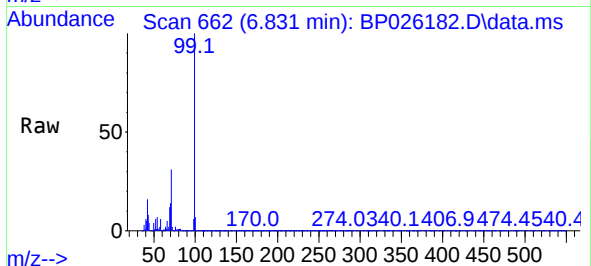


#7
Phenol-d6
Concen: 112.485 ng
RT: 6.831 min Scan# 611
Delta R.T. -0.024 min
Lab File: BP026182.D
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Tgt Ion: 99 Resp: 3683287

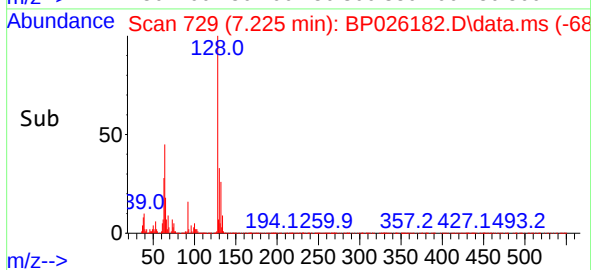
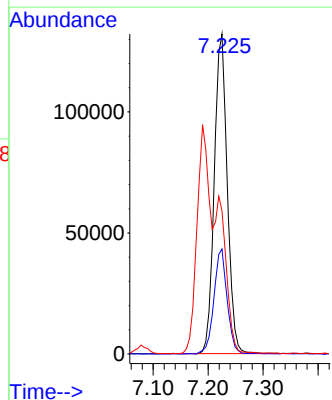
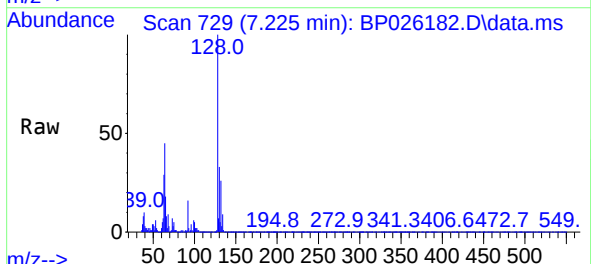
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.9	19.3
71	31.1	24.8	37.2

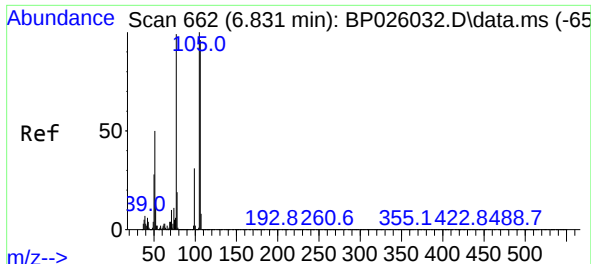


#8
2-Chlorophenol
Concen: 7.404 ng
RT: 7.225 min Scan# 729
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:128 Resp: 216782

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.4	52.4
64	44.8	23.9	63.9

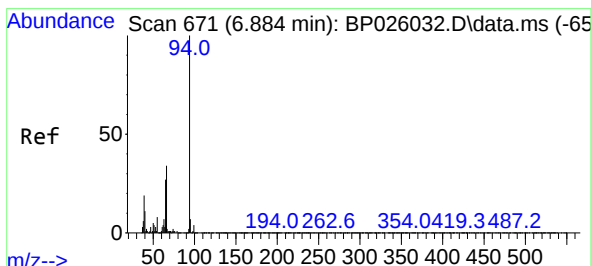
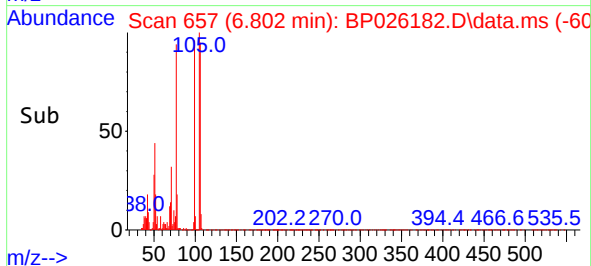
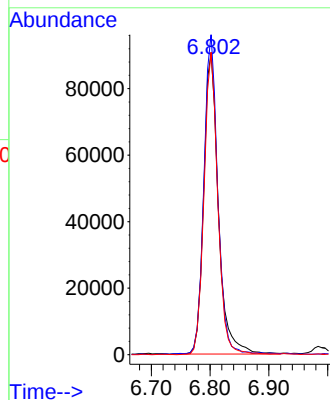
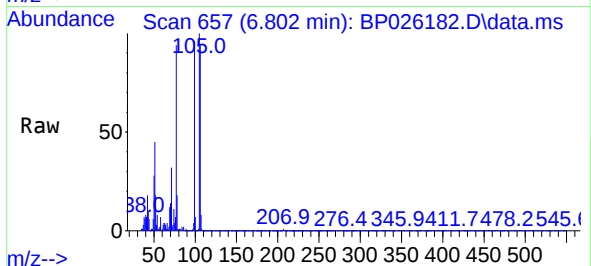




#9
Benzaldehyde
Concen: 9.155 ng
RT: 6.802 min Scan# 611
Delta R.T. -0.018 min
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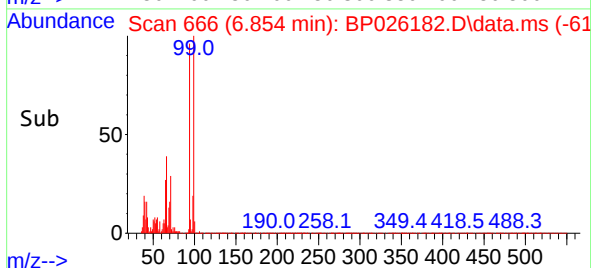
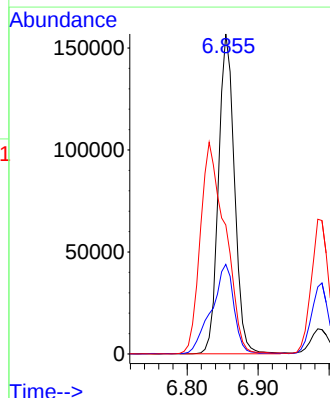
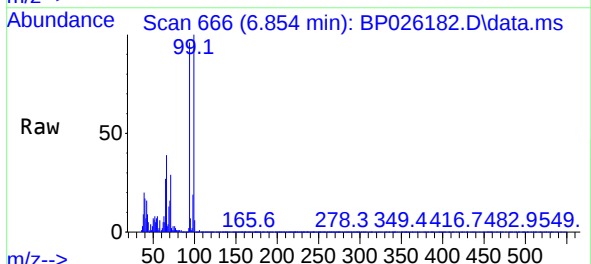
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ClientSampleId :
MDL-SOIL-03-QT4-2025

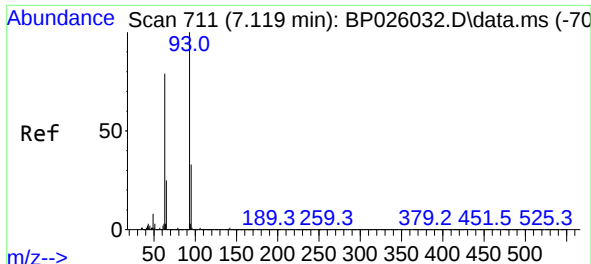
Tgt Ion: 77 Resp: 157102
Ion Ratio Lower Upper
77 100
105 105.9 82.9 122.9
106 100.1 77.8 117.8



#10
Phenol
Concen: 6.921 ng
RT: 6.854 min Scan# 666
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 94 Resp: 244135
Ion Ratio Lower Upper
94 100
65 28.0 7.0 47.0
66 40.3 14.5 54.5

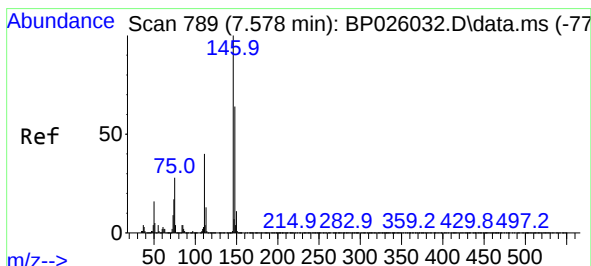
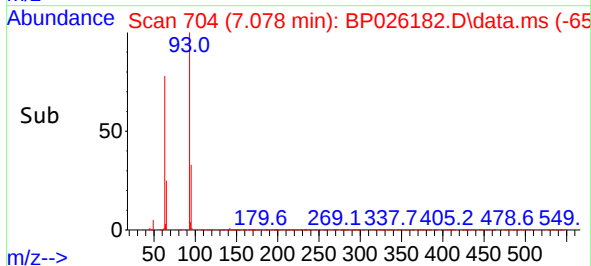
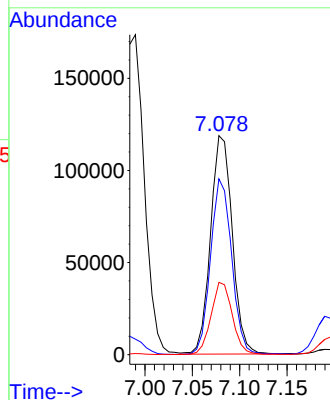
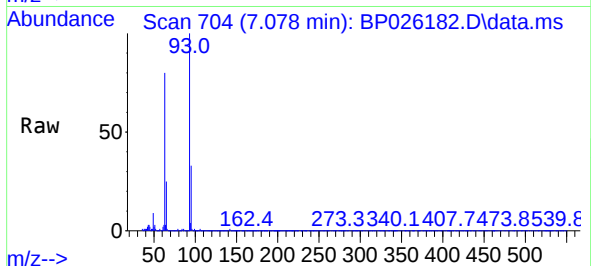




#11
bis(2-Chloroethyl)ether
Concen: 6.847 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

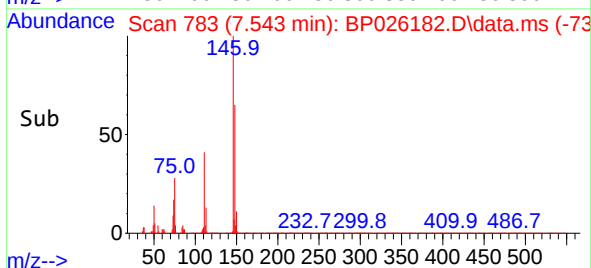
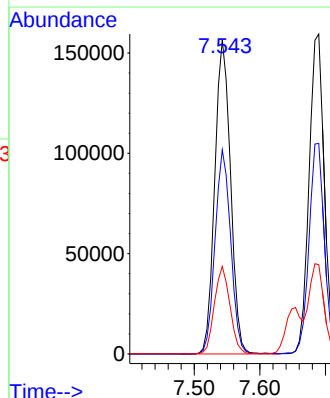
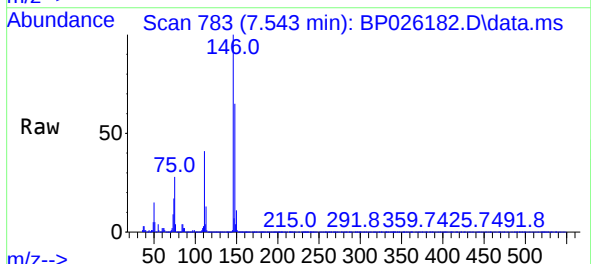
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

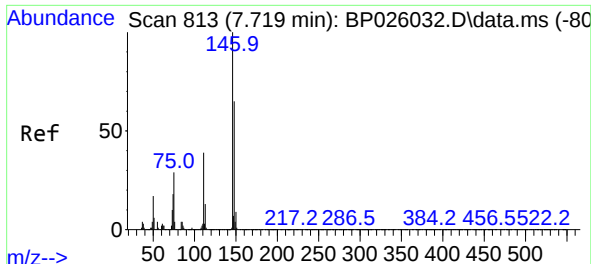
Tgt Ion: 93 Resp: 189118
Ion Ratio Lower Upper
93 100
63 80.3 58.8 98.8
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 8.269 ng
RT: 7.543 min Scan# 783
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:146 Resp: 260817
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 27.9 22.2 33.2

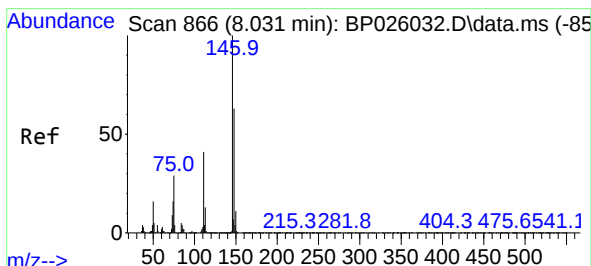
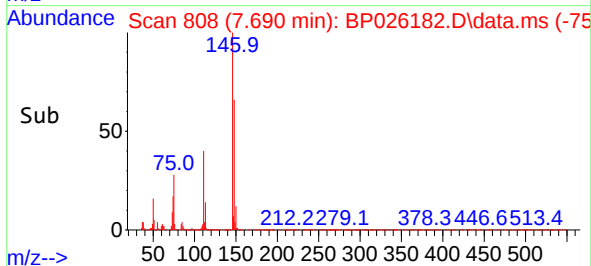
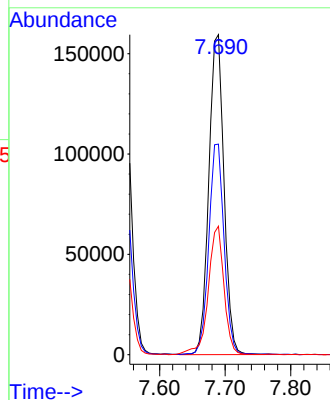
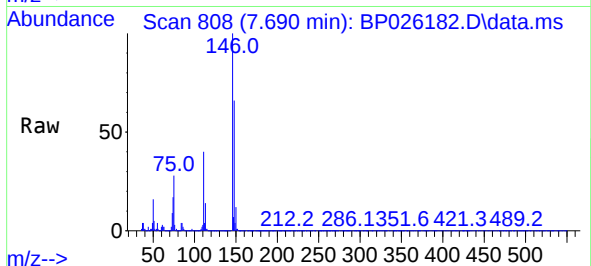




#13
1,4-Dichlorobenzene
Concen: 8.083 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

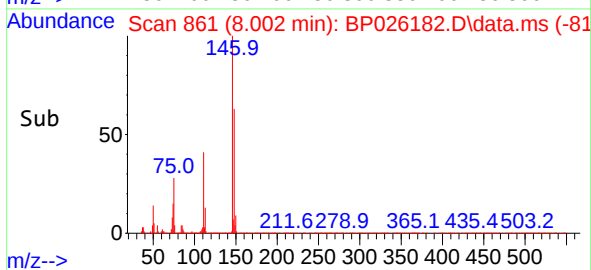
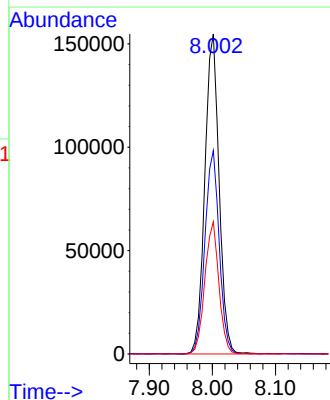
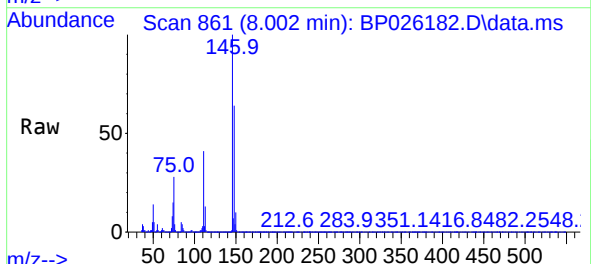
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

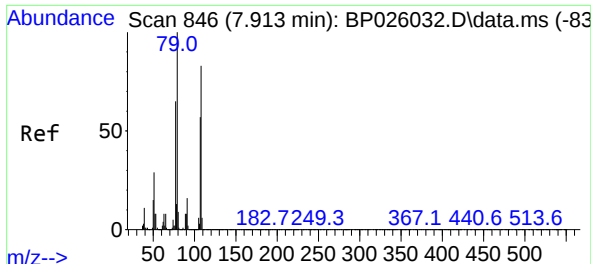
Tgt Ion:146 Resp: 256911
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.2
111 40.1 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 7.955 ng
RT: 8.002 min Scan# 861
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:146 Resp: 242784
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 41.3 33.0 49.4

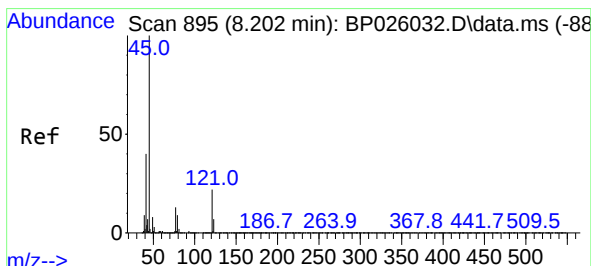
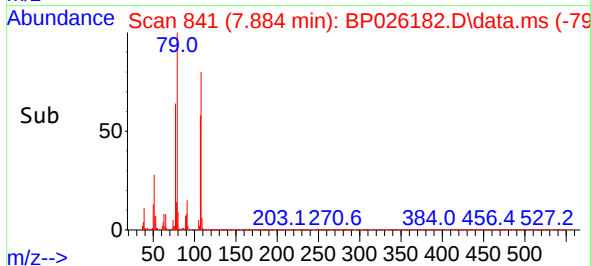
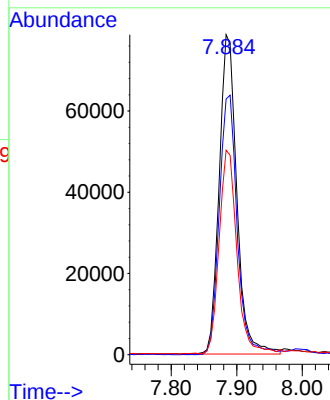
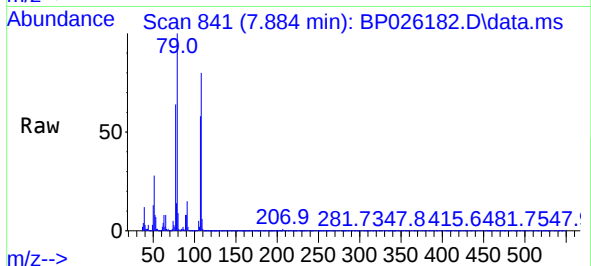




#15
Benzyl Alcohol
Concen: 6.115 ng
RT: 7.884 min Scan# 841
Delta R.T. -0.023 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

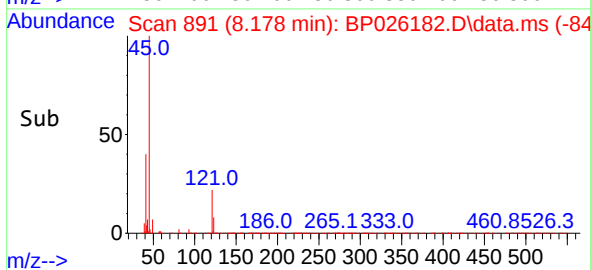
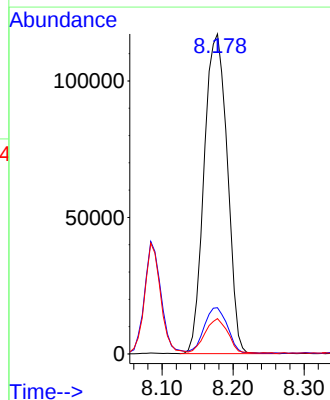
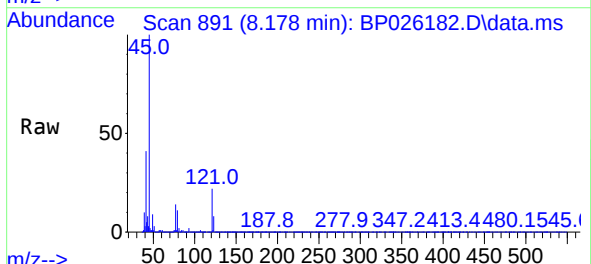
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

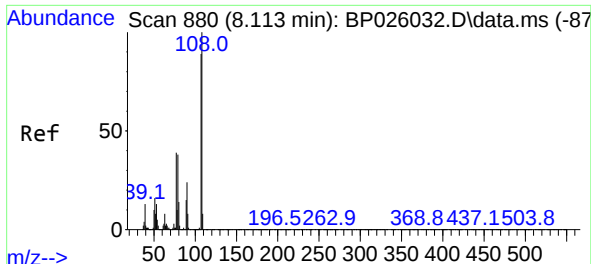
Tgt Ion: 79 Resp: 146702
Ion Ratio Lower Upper
79 100
108 79.9 66.2 99.4
77 63.9 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.830 ng
RT: 8.178 min Scan# 891
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 45 Resp: 264928
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 11.1 0.0 30.4



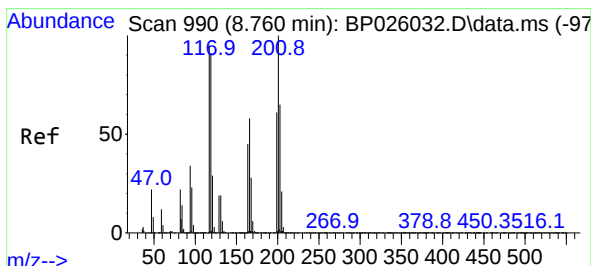
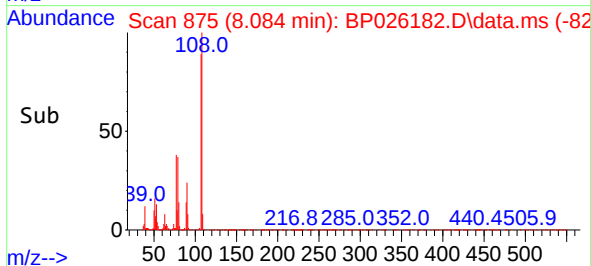
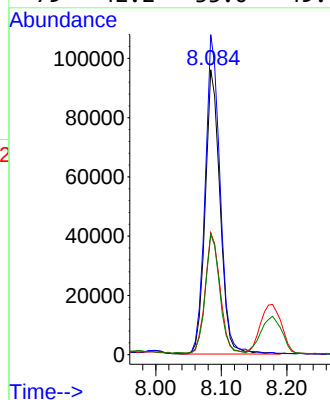
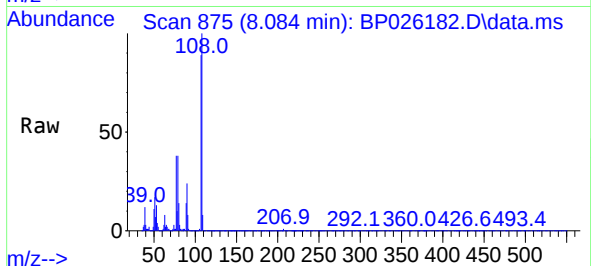


#17
2-Methylphenol
Concen: 6.325 ng
RT: 8.084 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:107 Resp: 151876

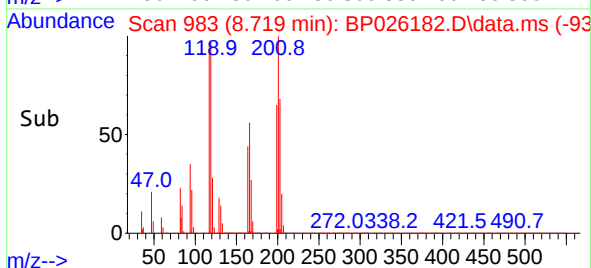
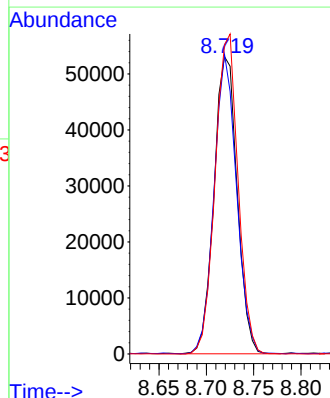
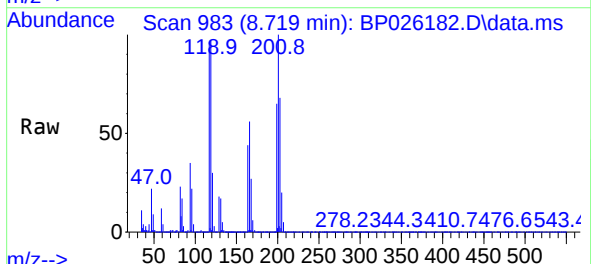
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.7	134.5
77	42.8	33.9	50.9
79	42.2	33.0	49.4

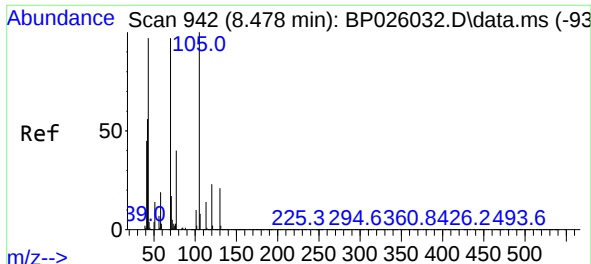


#18
Hexachloroethane
Concen: 7.814 ng
RT: 8.719 min Scan# 983
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:117 Resp: 90368

Ion	Ratio	Lower	Upper
117	100		
119	100.8	78.7	118.1
201	104.0	85.1	127.7



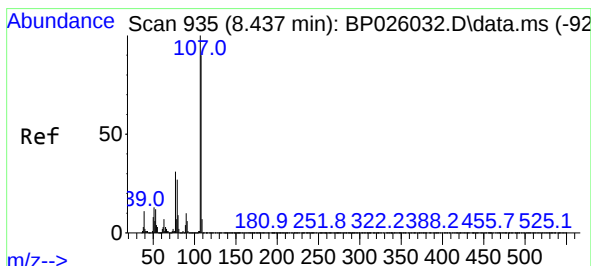
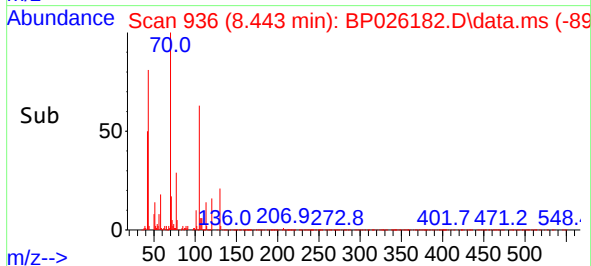
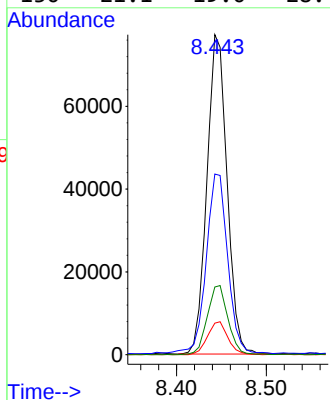
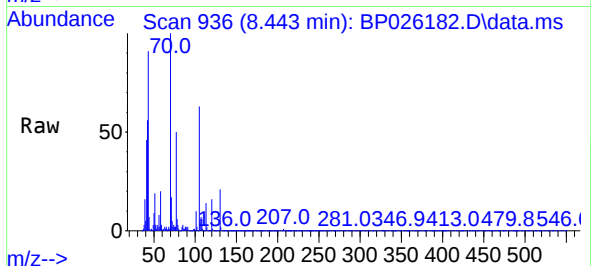


#19
n-Nitroso-di-n-propylamine
Concen: 5.911 ng
RT: 8.443 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion: 70 Resp: 120245

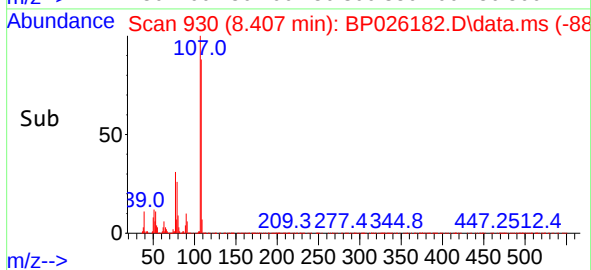
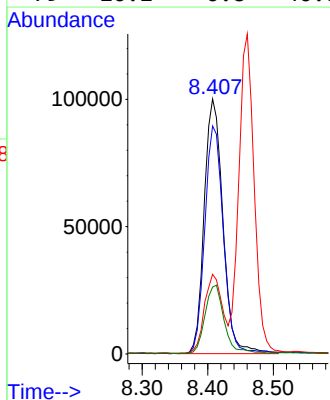
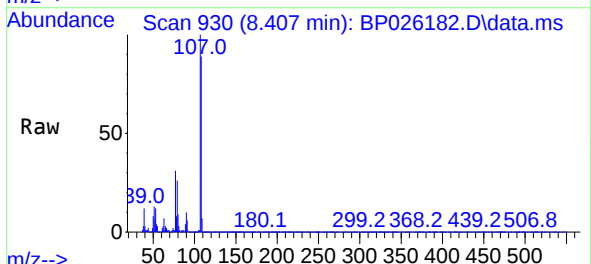
Ion	Ratio	Lower	Upper
70	100		
42	56.4	44.1	66.1
101	9.9	8.2	12.4
130	21.1	19.0	28.4

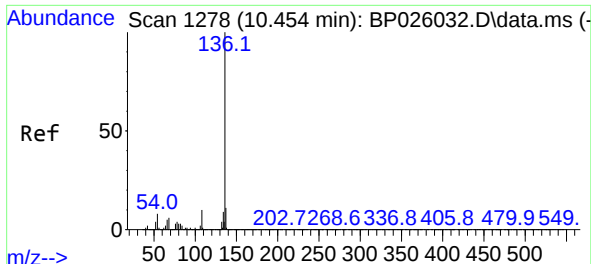


#20
3+4-Methylphenols
Concen: 5.977 ng
RT: 8.407 min Scan# 930
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 107 Resp: 198876

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.9	108.9
77	31.2	10.4	50.4
79	26.2	6.8	46.8

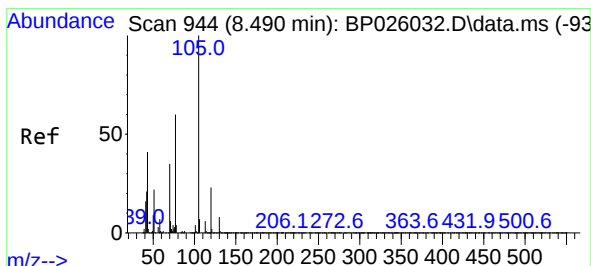
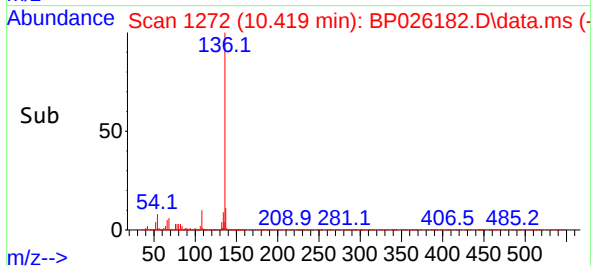
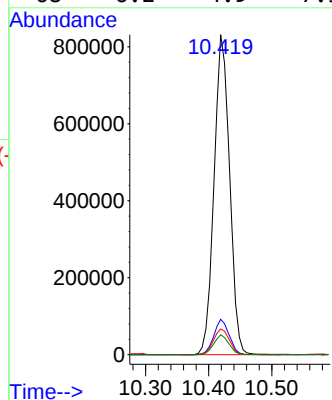
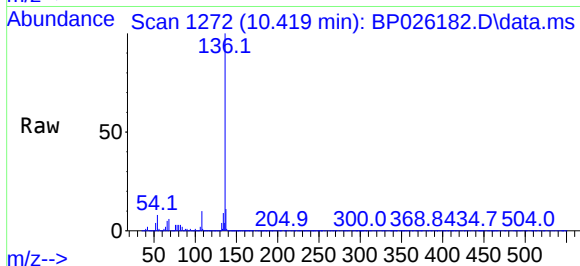




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

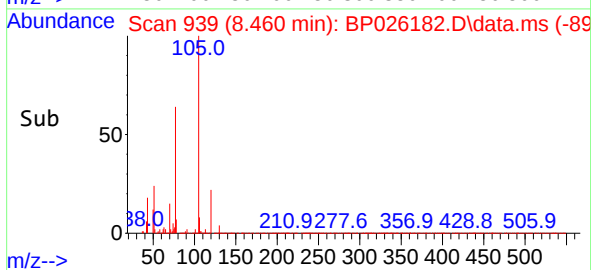
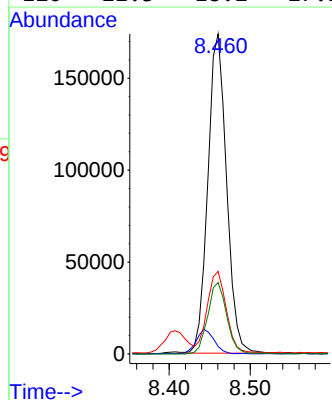
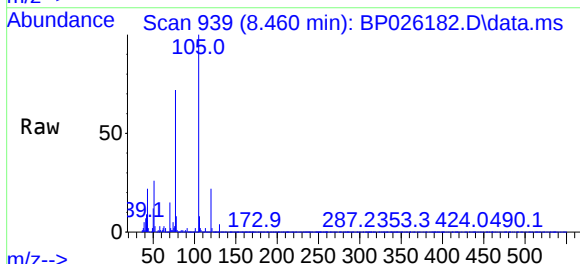
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

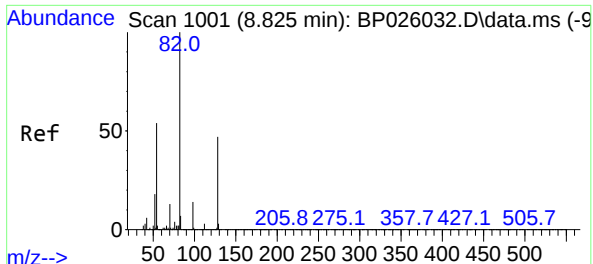
Tgt Ion:136 Resp: 1419968
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.1 6.4 9.6
68 6.2 4.9 7.3



#22
Acetophenone
Concen: 7.688 ng
RT: 8.460 min Scan# 939
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:105 Resp: 277493
Ion Ratio Lower Upper
105 100
71 2.3 3.0 4.4#
51 25.8 20.5 30.7
120 22.3 18.2 27.2

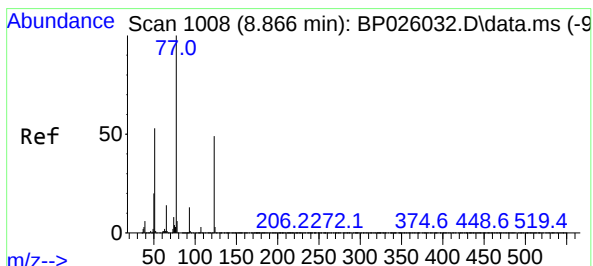
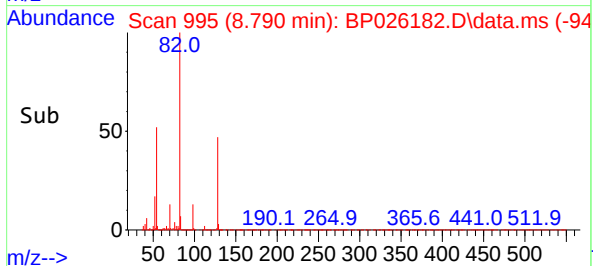
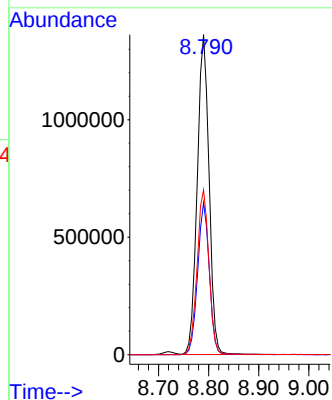
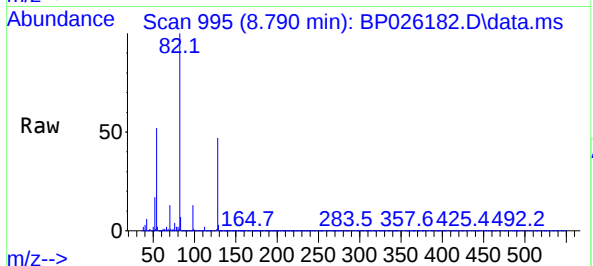




#23
Nitrobenzene-d5
Concen: 88.928 ng
RT: 8.790 min Scan# 995
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

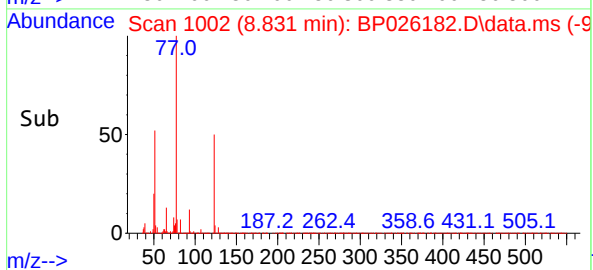
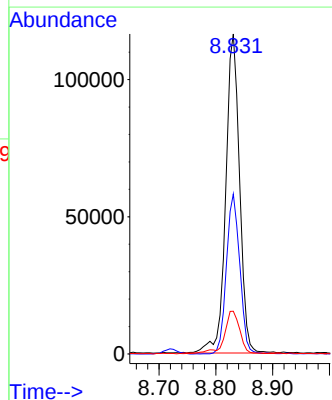
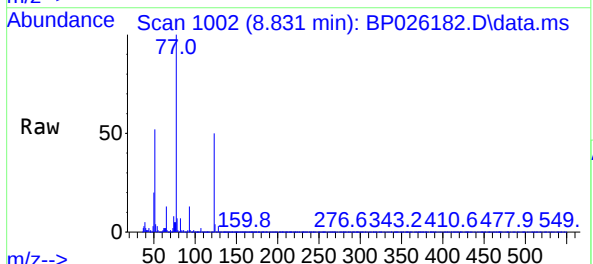
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

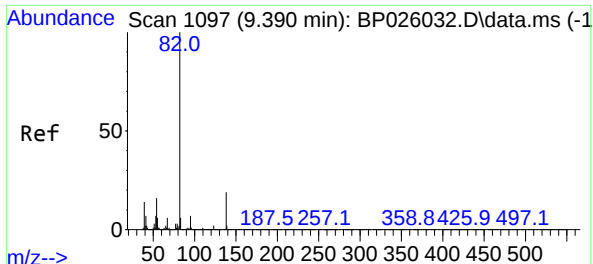
Tgt Ion: 82 Resp: 2223051
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.0
54 51.5 41.6 62.4



#24
Nitrobenzene
Concen: 7.836 ng
RT: 8.831 min Scan# 1002
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 77 Resp: 198143
Ion Ratio Lower Upper
77 100
123 50.0 39.8 59.8
65 13.3 11.2 16.8

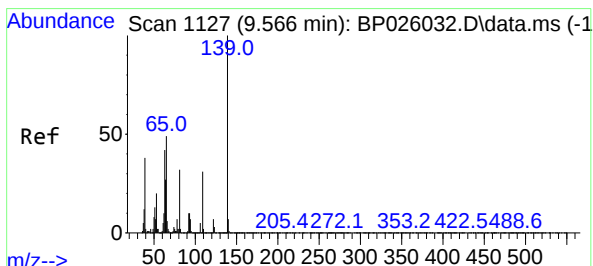
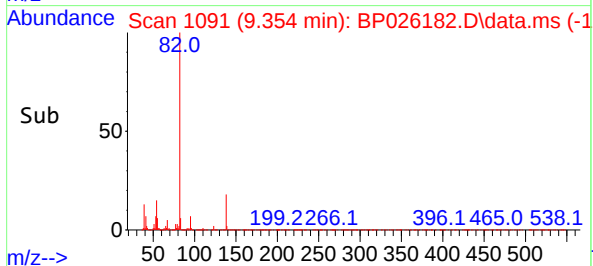
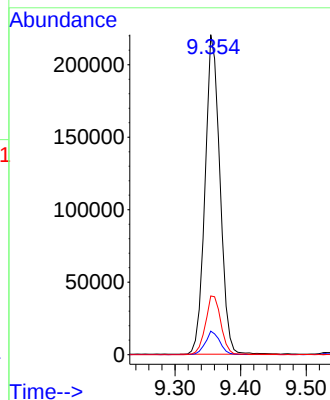
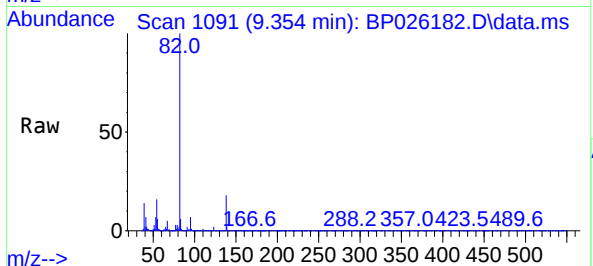




#25
Isophorone
Concen: 7.033 ng
RT: 9.354 min Scan# 1091
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

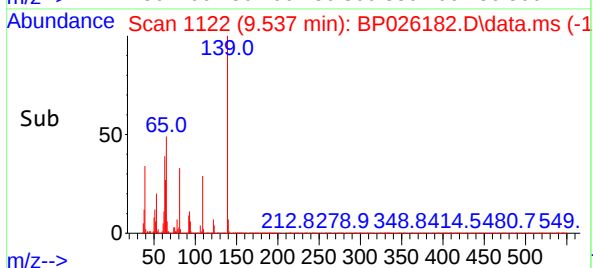
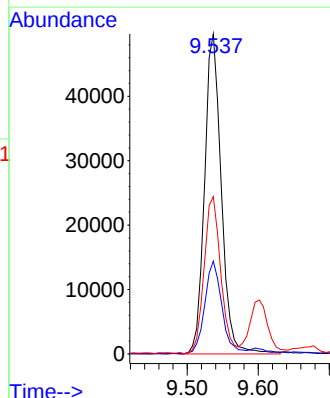
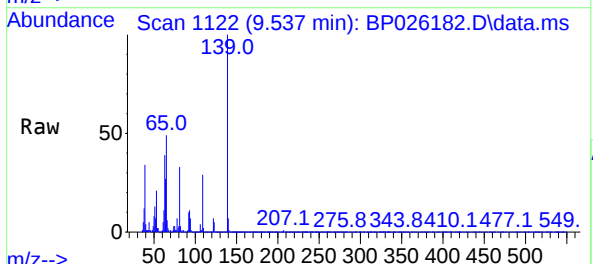
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

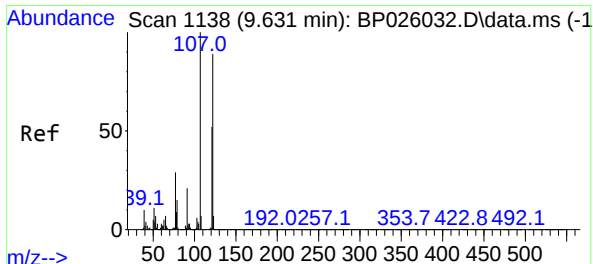
Tgt Ion: 82 Resp: 348536
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 18.4 15.4 23.0



#26
2-Nitrophenol
Concen: 6.382 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 139 Resp: 81665
Ion Ratio Lower Upper
139 100
109 29.0 22.3 33.5
65 49.2 37.2 55.8



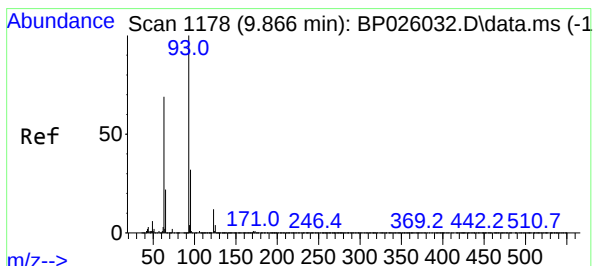
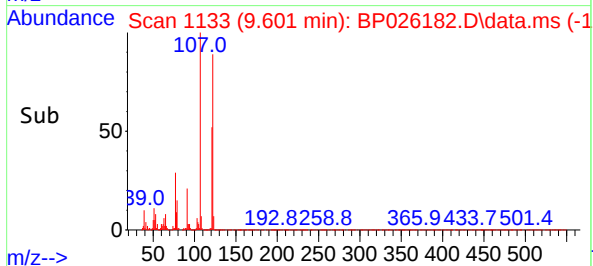
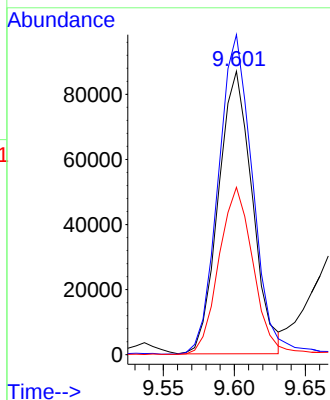
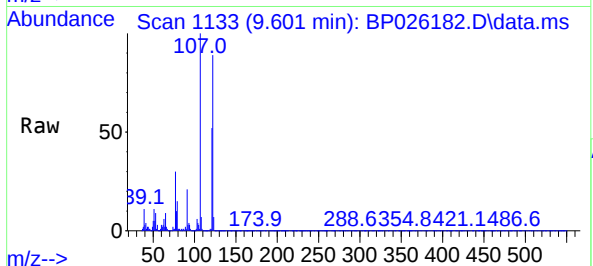


#27
2,4-Dimethylphenol
Concen: 6.239 ng
RT: 9.601 min Scan# 1138
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:122 Resp: 143948

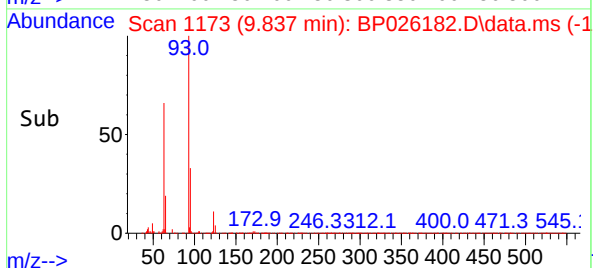
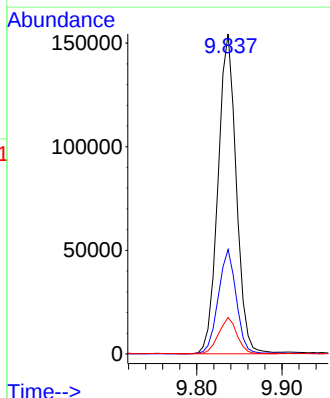
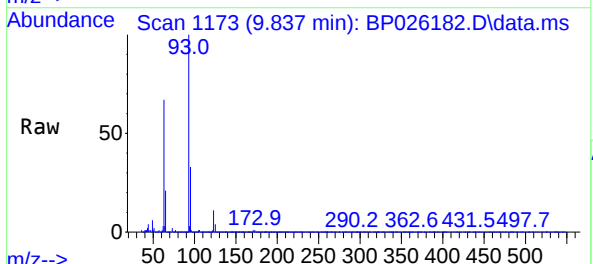
Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.0	136.6
121	59.1	47.0	70.6

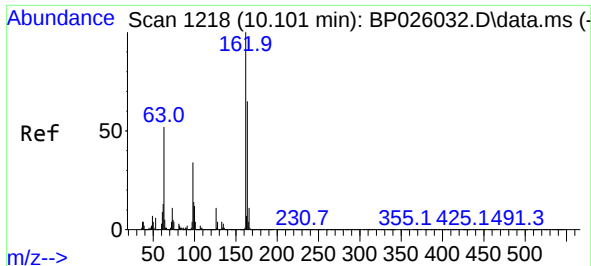


#28
bis(2-Chloroethoxy)methane
Concen: 7.407 ng
RT: 9.837 min Scan# 1173
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 93 Resp: 229892

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	11.4	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 7.148 ng

RT: 10.066 min Scan# 1

Delta R.T. -0.029 min

Lab File: BP026182.D

Acq: 21 Nov 2025 12:38

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT4-2025

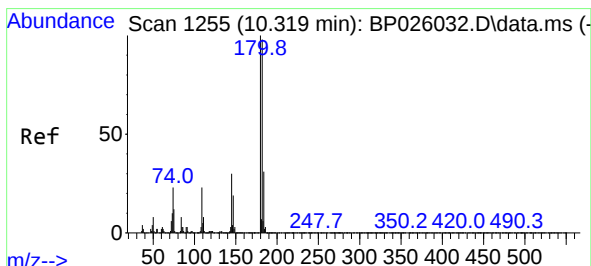
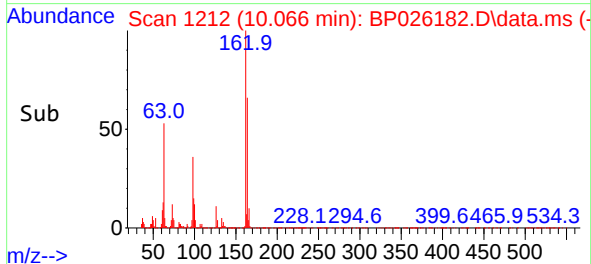
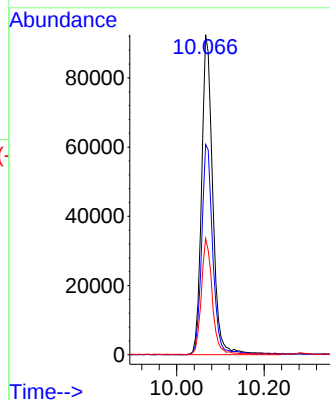
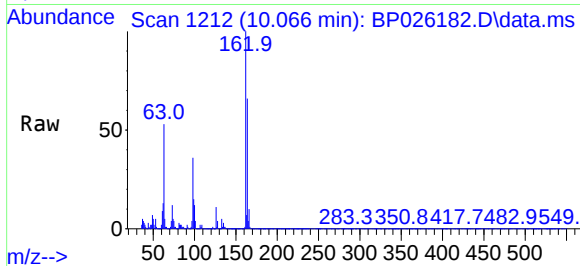
Tgt Ion:162 Resp: 164841

Ion Ratio Lower Upper

162 100

164 65.7 43.8 83.8

98 36.3 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 8.521 ng

RT: 10.284 min Scan# 1249

Delta R.T. -0.023 min

Lab File: BP026182.D

Acq: 21 Nov 2025 12:38

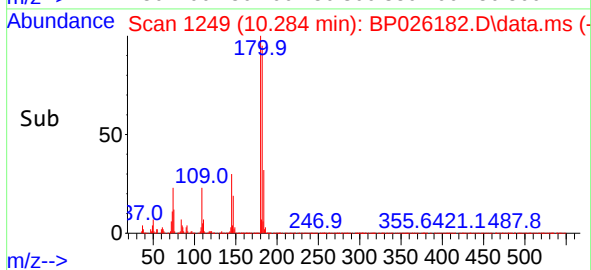
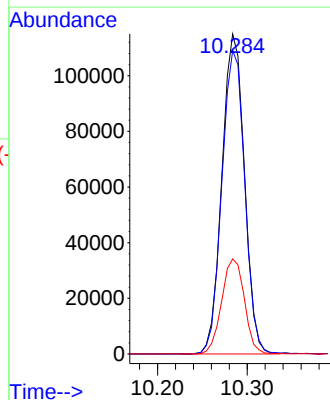
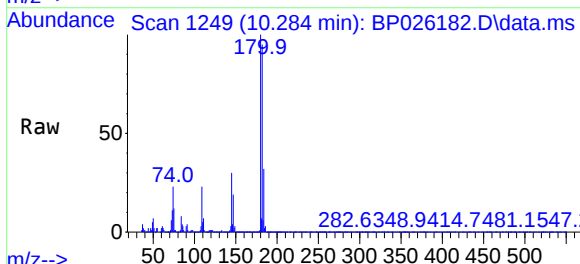
Tgt Ion:180 Resp: 200092

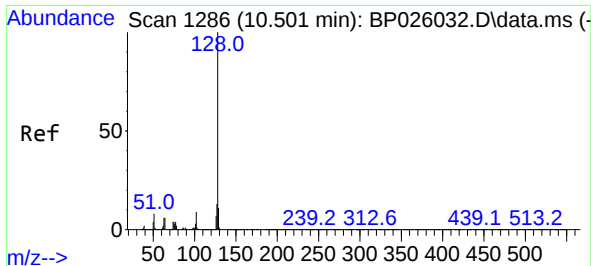
Ion Ratio Lower Upper

180 100

182 94.9 78.1 117.1

145 29.7 24.2 36.4

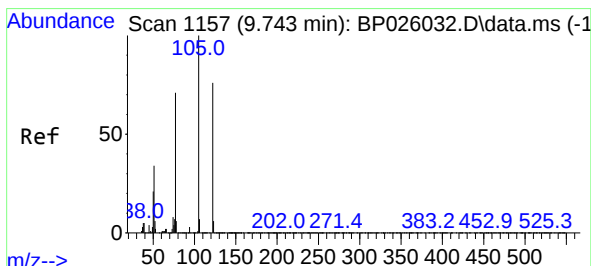
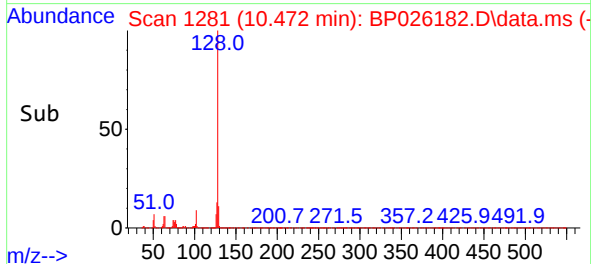
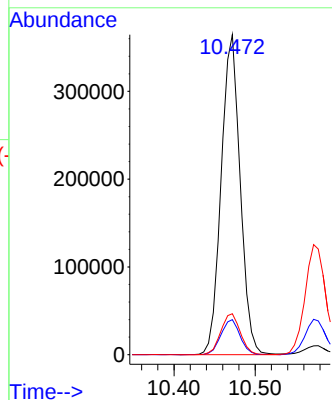
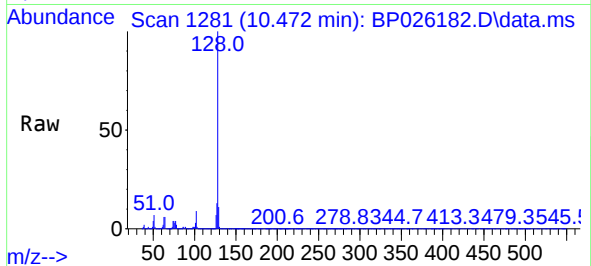




#31
Naphthalene
Concen: 7.721 ng
RT: 10.472 min Scan# 1145
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

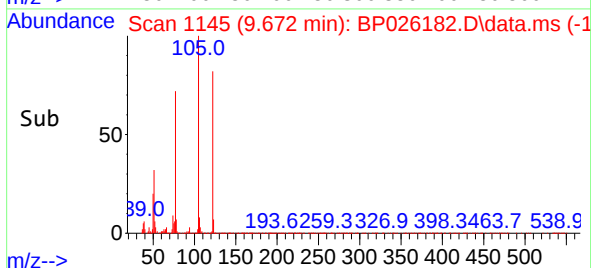
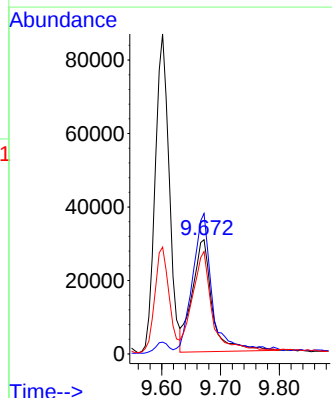
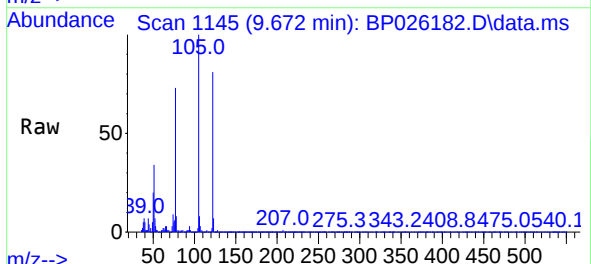
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

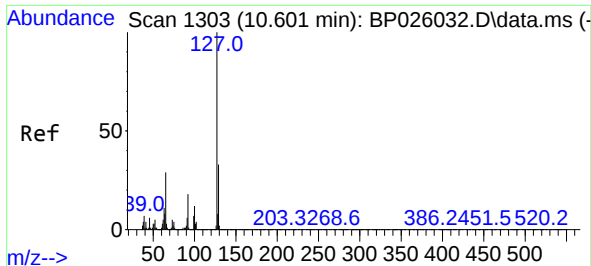
Tgt Ion:128 Resp: 592539
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 3.743 ng
RT: 9.672 min Scan# 1145
Delta R.T. -0.094 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:122 Resp: 72723
Ion Ratio Lower Upper
122 100
105 123.0 100.1 140.1
77 89.7 66.7 106.7

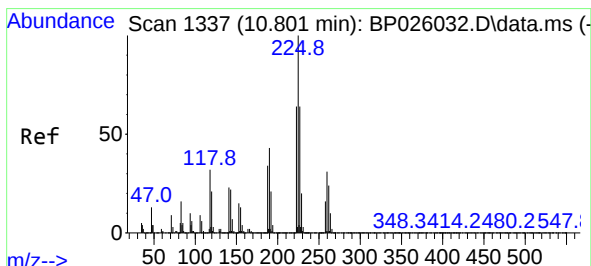
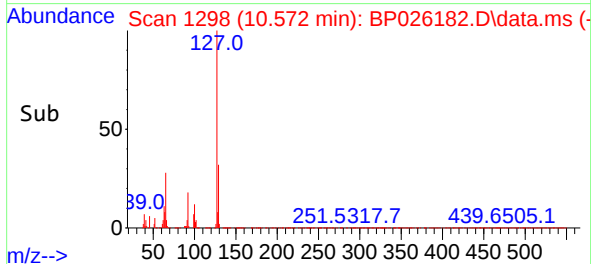
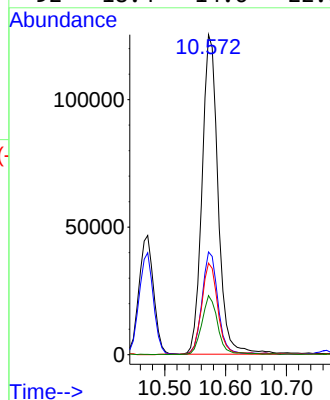
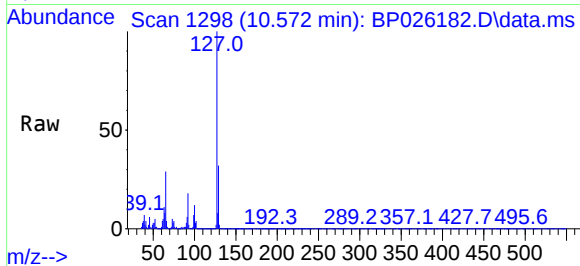




#33
4-Chloroaniline
Concen: 7.021 ng
RT: 10.572 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

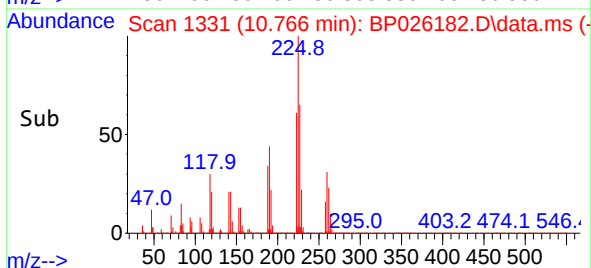
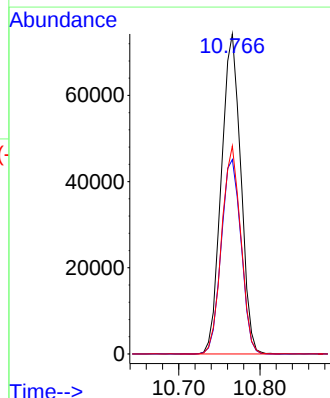
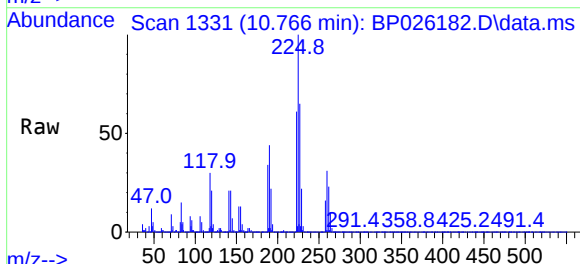
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

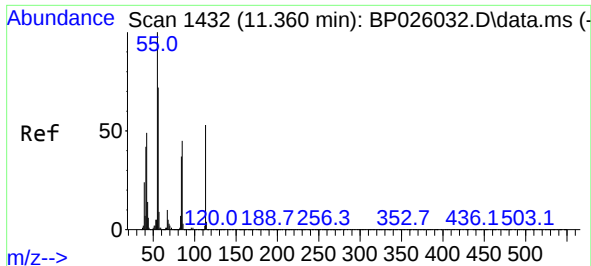
Tgt Ion:	127	Resp:	229119
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	28.6	22.7	34.1
92	18.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 8.078 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:	225	Resp:	123371
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.6	74.4
227	65.0	51.2	76.8

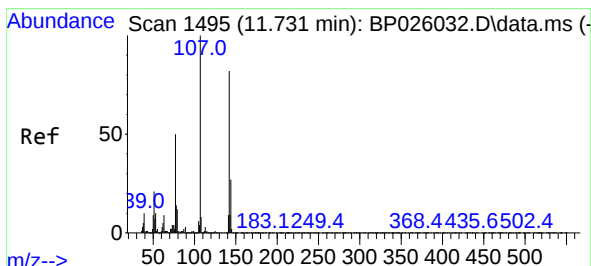
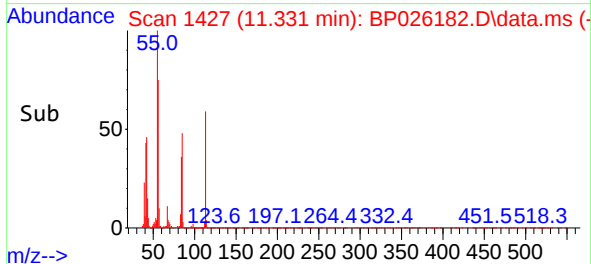
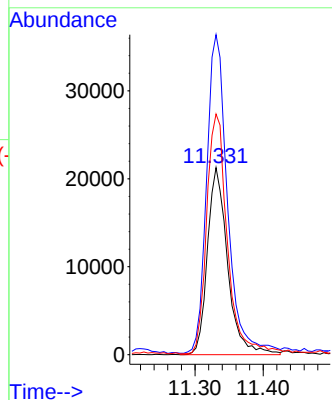
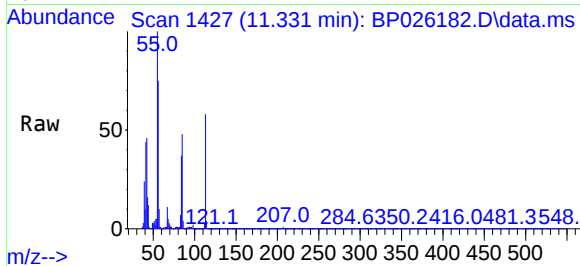




#35
Caprolactam
Concen: 5.316 ng
RT: 11.331 min Scan# 1432
Delta R.T. -0.047 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

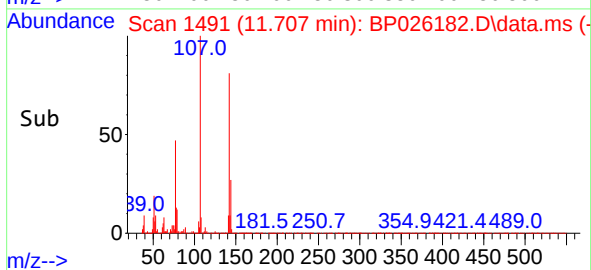
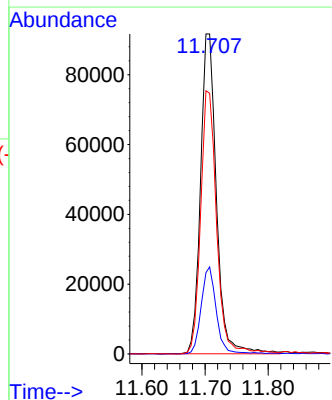
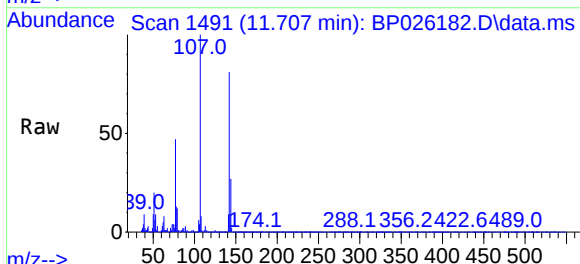
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

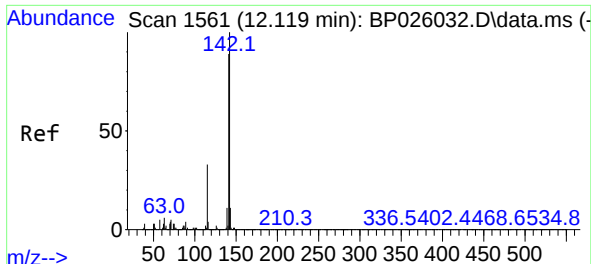
Tgt Ion:113 Resp: 43897
Ion Ratio Lower Upper
113 100
55 171.1 153.0 193.0
56 128.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 6.543 ng
RT: 11.707 min Scan# 1491
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:107 Resp: 160376
Ion Ratio Lower Upper
107 100
144 27.2 21.6 32.4
142 81.5 65.6 98.4

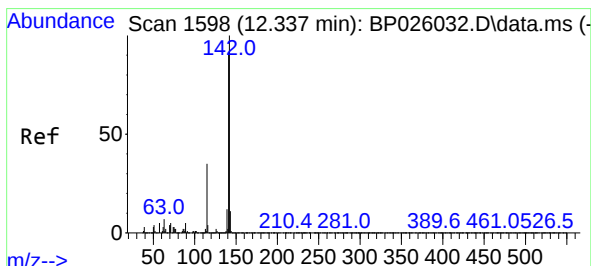
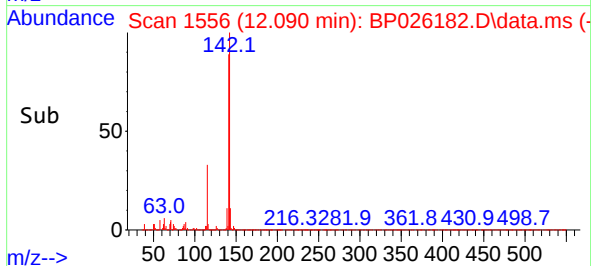
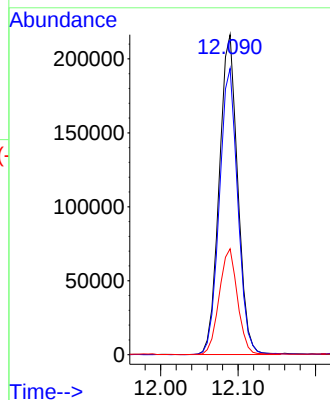
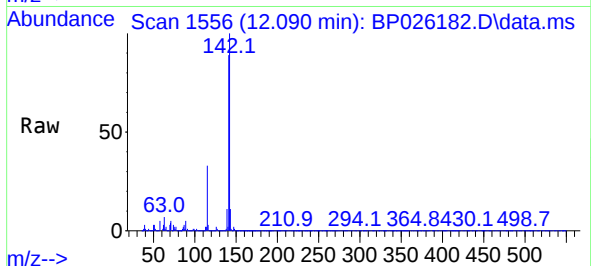




#37
2-Methylnaphthalene
Concen: 6.575 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

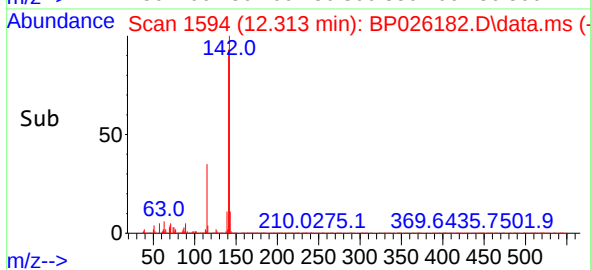
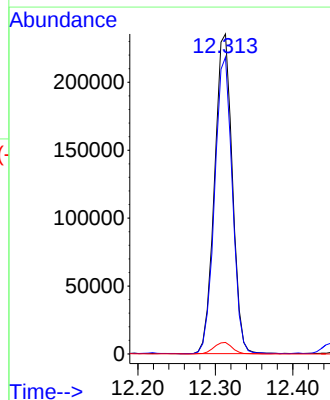
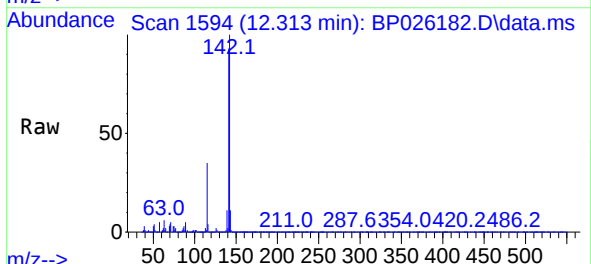
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

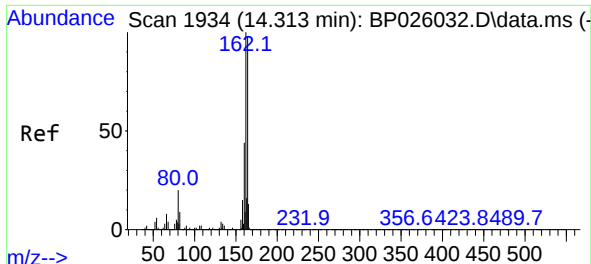
Tgt Ion:142 Resp: 357719
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 33.1 26.6 39.8



#38
1-Methylnaphthalene
Concen: 7.034 ng
RT: 12.313 min Scan# 1594
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:142 Resp: 374059
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 3.6 3.0 4.4

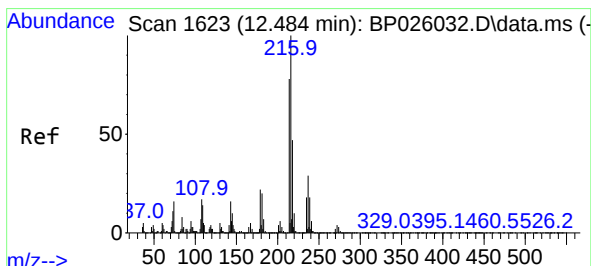
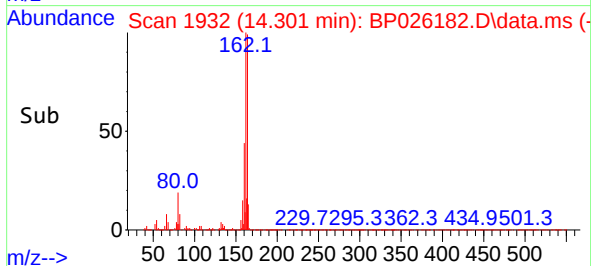
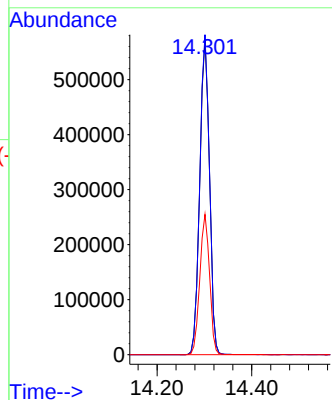
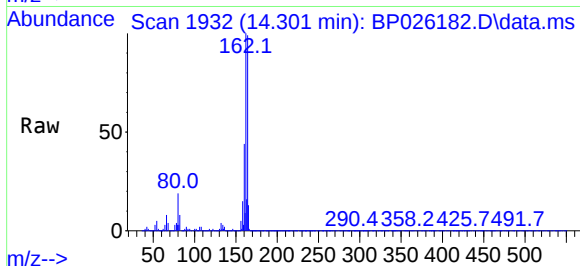




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1619
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

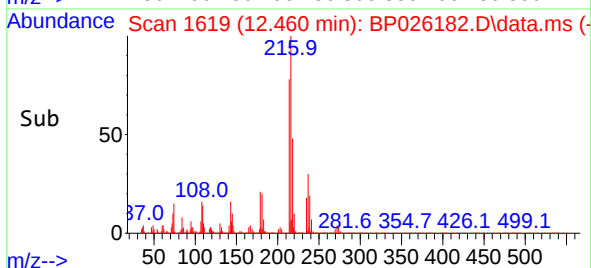
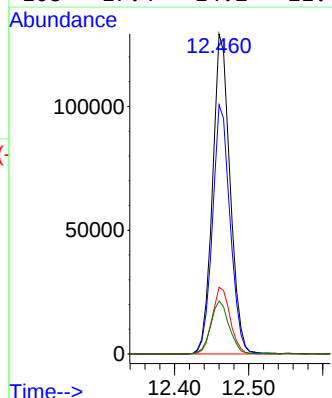
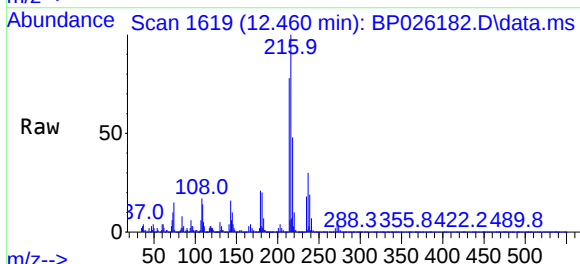
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

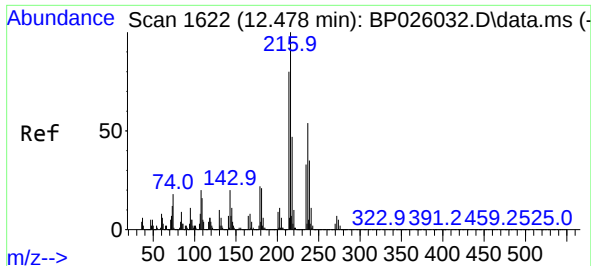
Tgt Ion:164 Resp: 820331
Ion Ratio Lower Upper
164 100
162 101.4 80.3 120.5
160 44.5 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.573 ng
RT: 12.460 min Scan# 1619
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:216 Resp: 212656
Ion Ratio Lower Upper
216 100
214 78.3 62.6 94.0
179 21.3 16.6 25.0
108 17.4 14.2 21.4

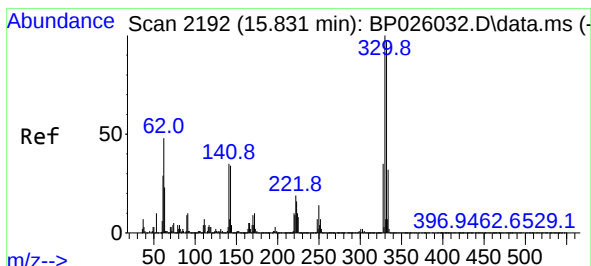
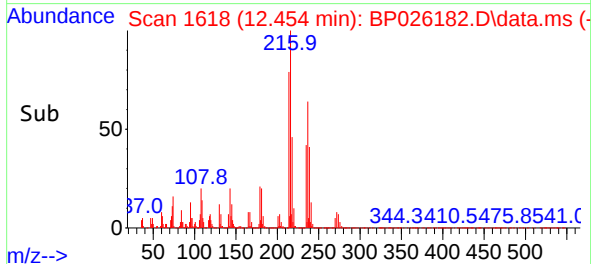
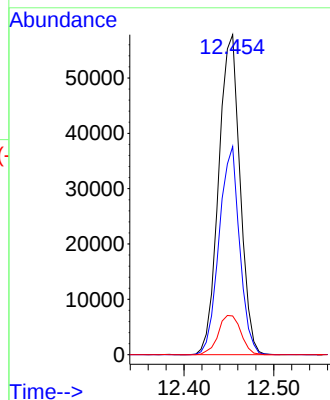
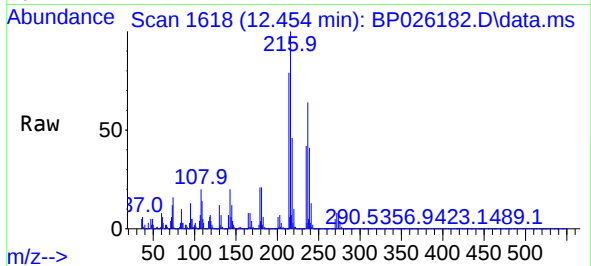




#41
Hexachlorocyclopentadiene
Concen: 5.895 ng
RT: 12.454 min Scan# 1618
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

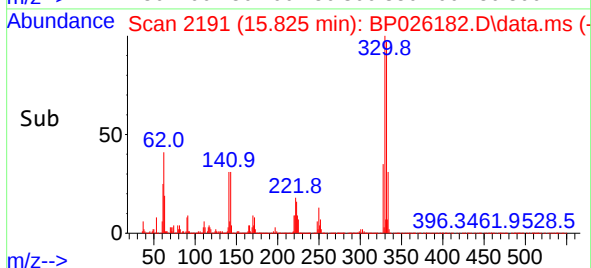
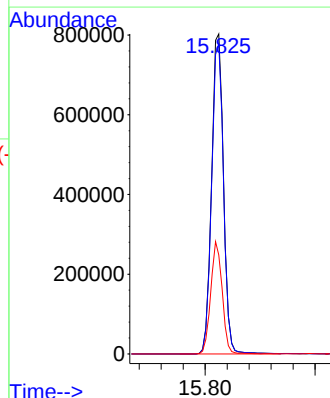
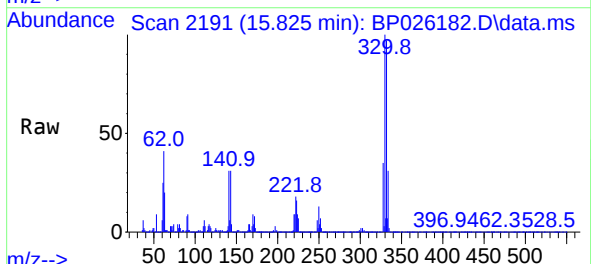
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

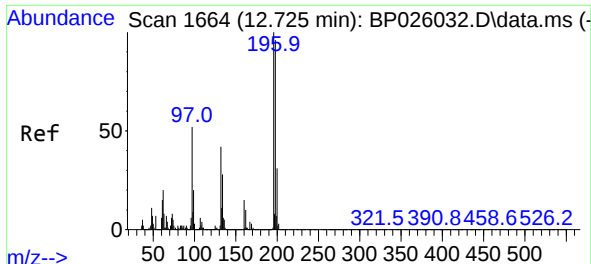
Tgt Ion:237 Resp: 95693
Ion Ratio Lower Upper
237 100
235 65.0 43.3 83.3
272 12.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 113.261 ng
RT: 15.825 min Scan# 2191
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:330 Resp: 1205286
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 33.8 26.8 40.2

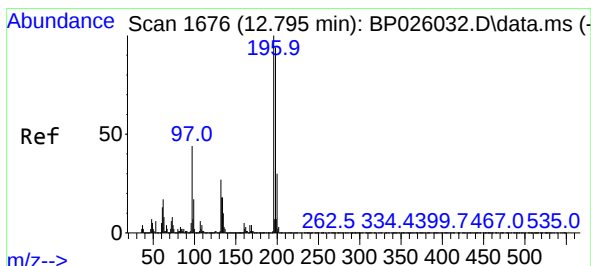
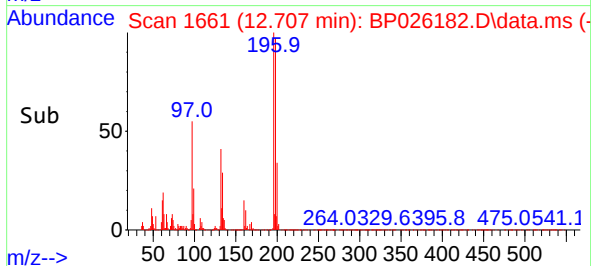
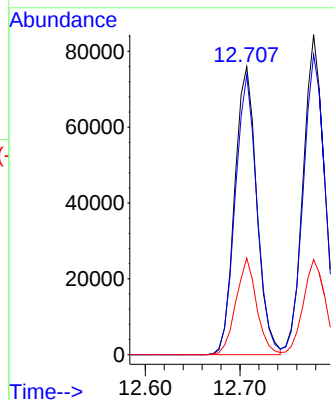
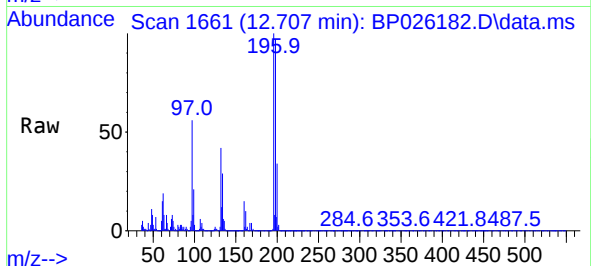




#43
2,4,6-Trichlorophenol
Concen: 7.213 ng
RT: 12.707 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

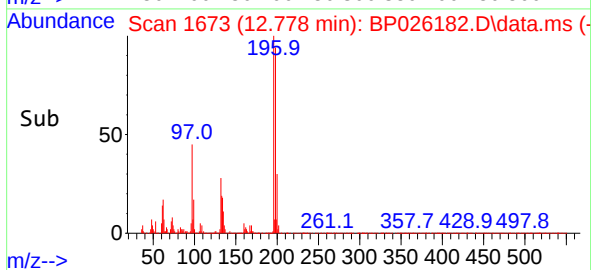
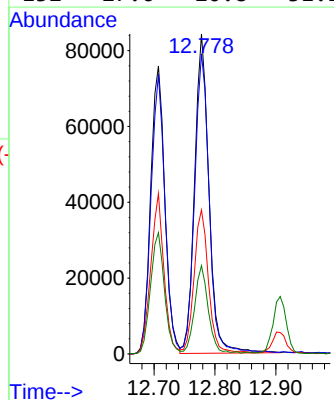
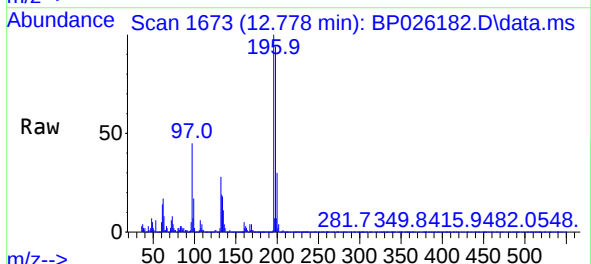
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

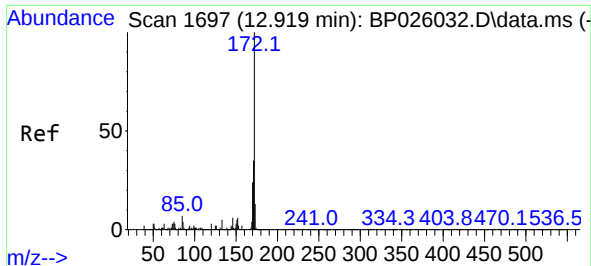
Tgt Ion:196 Resp: 122659
Ion Ratio Lower Upper
196 100
198 97.1 76.9 115.3
200 33.5 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 7.270 ng
RT: 12.778 min Scan# 1673
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:196 Resp: 137999
Ion Ratio Lower Upper
196 100
198 93.8 76.4 114.6
97 45.0 35.7 53.5
132 27.6 20.8 31.2

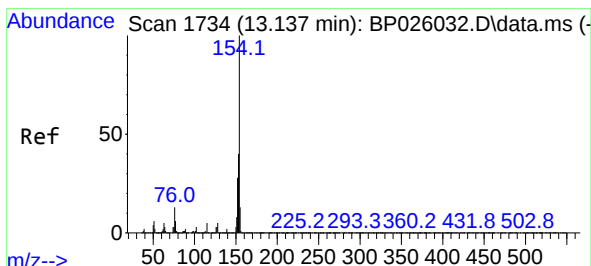
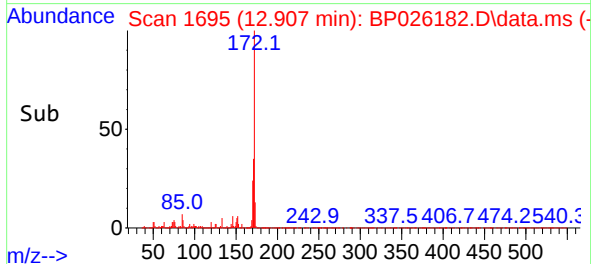
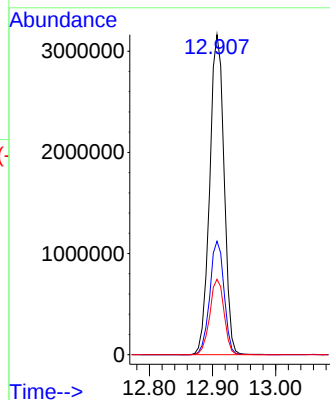
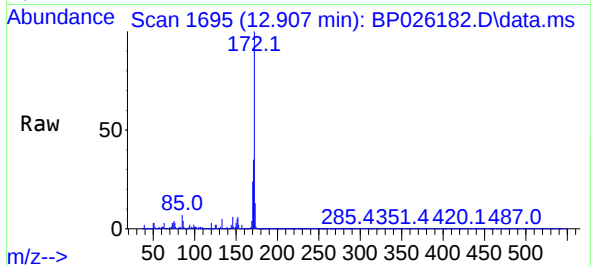




#45
2-Fluorobiphenyl
Concen: 89.535 ng
RT: 12.907 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

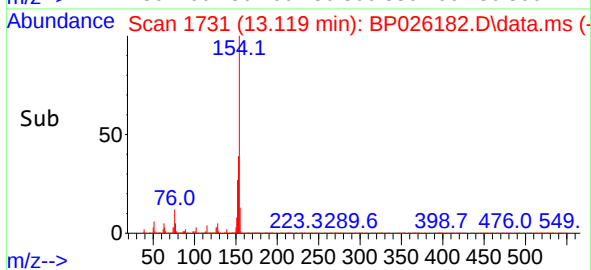
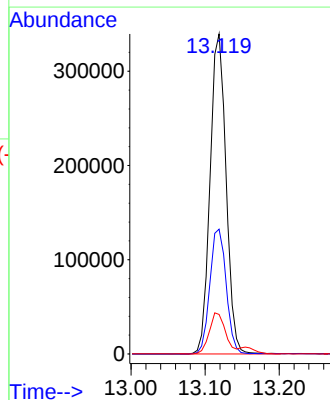
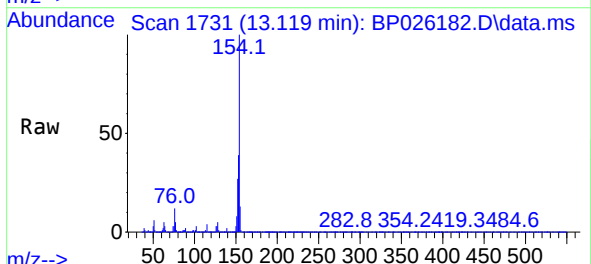
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

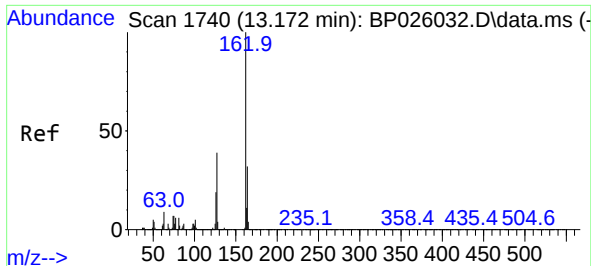
Tgt Ion:172 Resp: 5011526
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 8.246 ng
RT: 13.119 min Scan# 1731
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:154 Resp: 509384
Ion Ratio Lower Upper
154 100
153 39.0 20.3 60.3
76 12.4 0.0 32.3

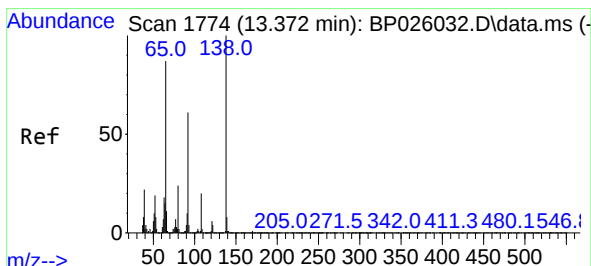
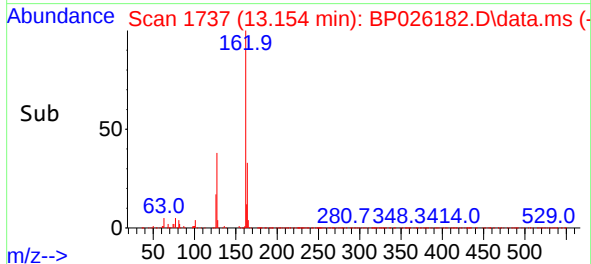
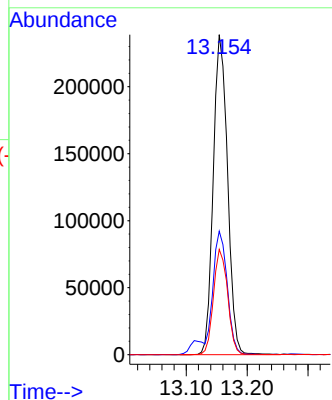
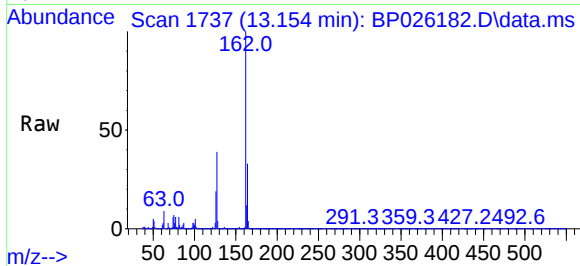




#47
2-Chloronaphthalene
Concen: 8.023 ng
RT: 13.154 min Scan# 1737
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

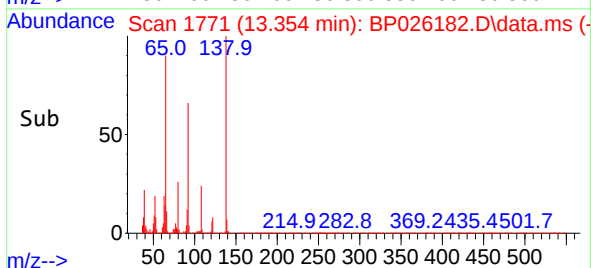
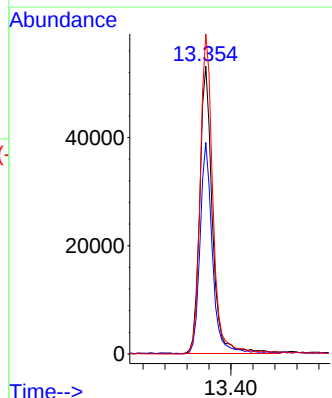
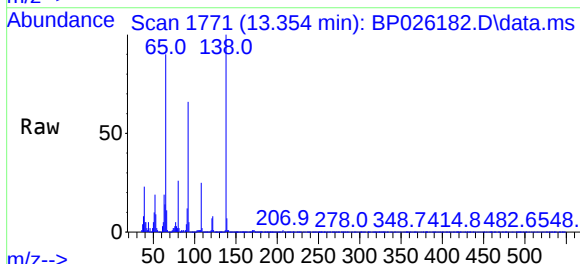
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

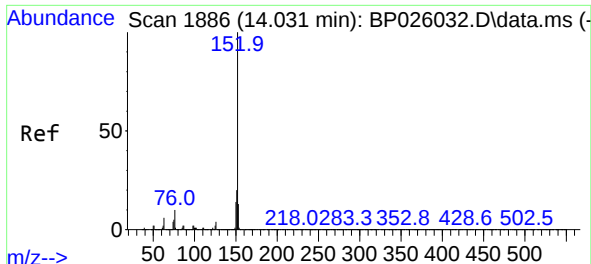
Tgt Ion:162 Resp: 389711
Ion Ratio Lower Upper
162 100
127 38.6 30.9 46.3
164 32.9 26.4 39.6



#48
2-Nitroaniline
Concen: 6.307 ng
RT: 13.354 min Scan# 1771
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion: 65 Resp: 85194
Ion Ratio Lower Upper
65 100
92 73.6 59.1 88.7
138 111.2 96.6 145.0

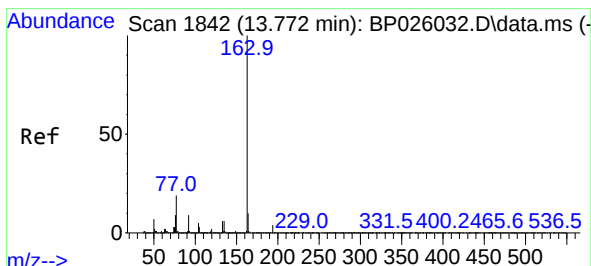
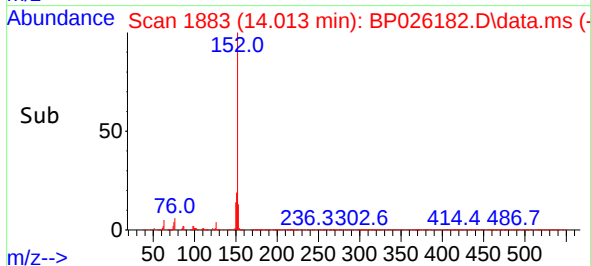
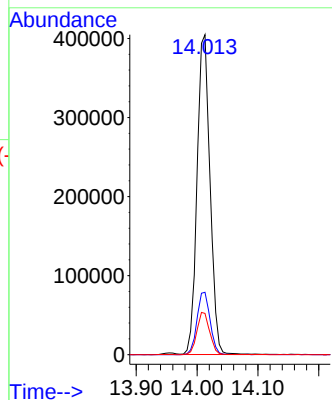
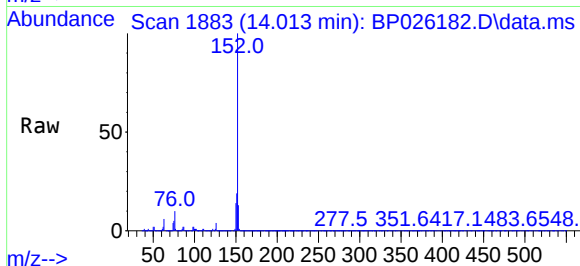




#49
Acenaphthylene
Concen: 7.461 ng
RT: 14.013 min Scan# 1883
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

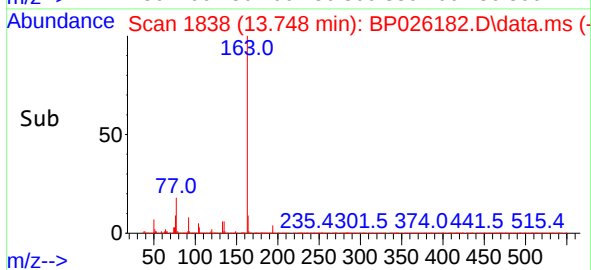
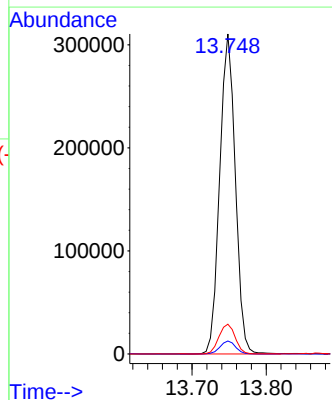
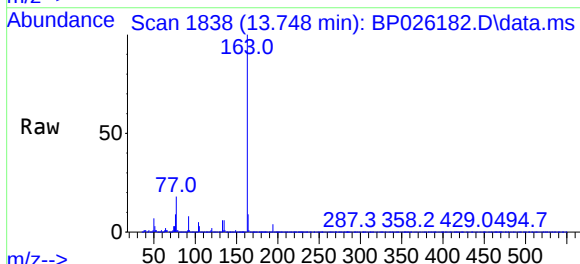
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

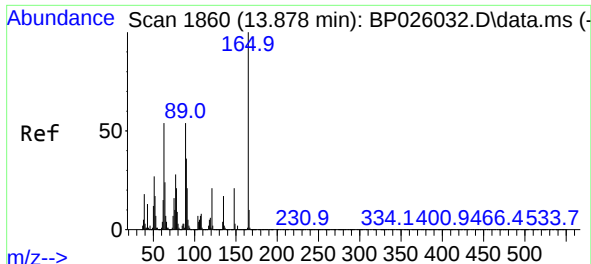
Tgt Ion:	152	Resp:	597802
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	12.9	10.6	16.0



#50
Dimethylphthalate
Concen: 7.413 ng
RT: 13.748 min Scan# 1838
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:	163	Resp:	454224
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.3	8.2	12.2

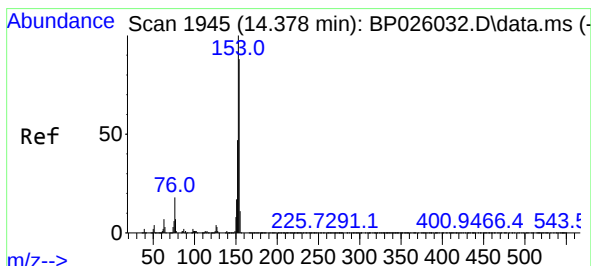
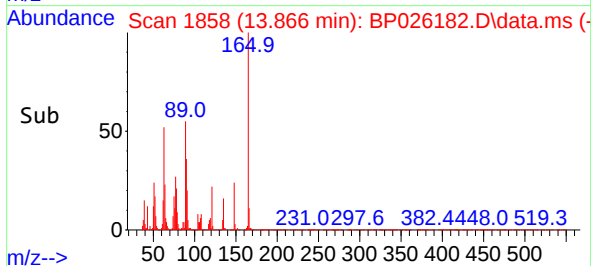
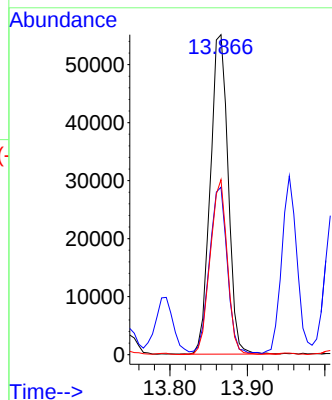
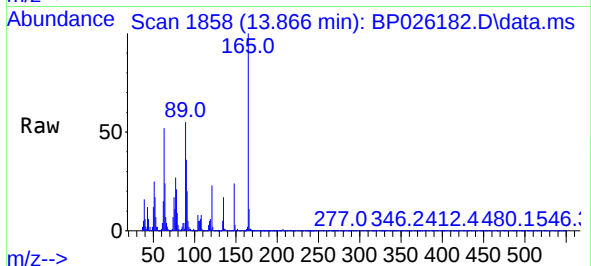




#51
2,6-Dinitrotoluene
Concen: 7.239 ng
RT: 13.866 min Scan# 1860
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

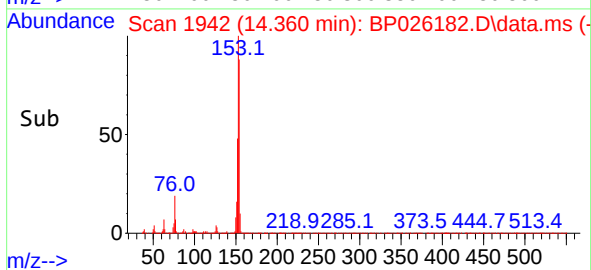
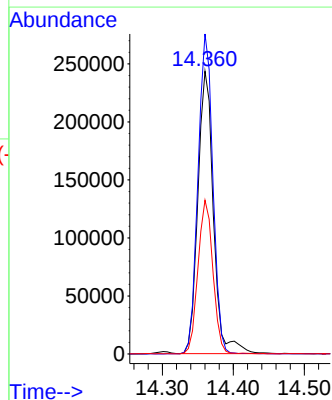
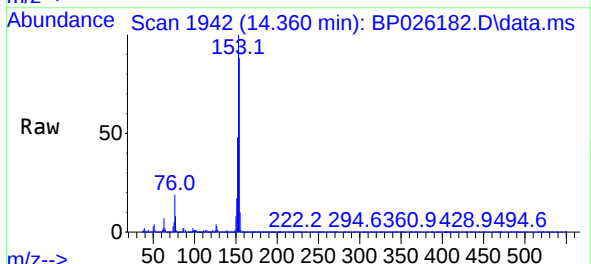
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

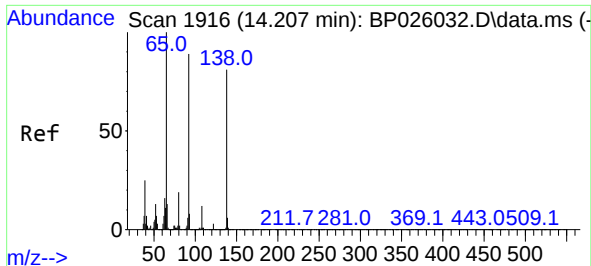
Tgt Ion:165 Resp: 87886
Ion Ratio Lower Upper
165 100
63 52.3 40.5 60.7
89 54.7 41.3 61.9



#52
Acenaphthene
Concen: 7.940 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:154 Resp: 372816
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 54.4 42.8 64.2

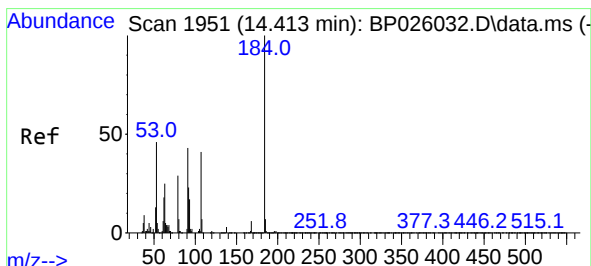
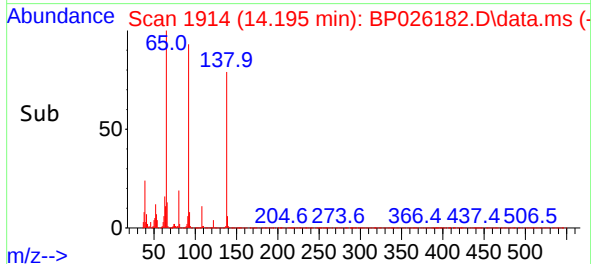
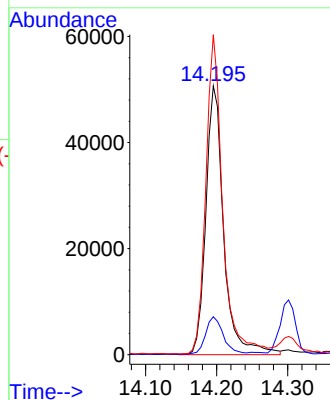
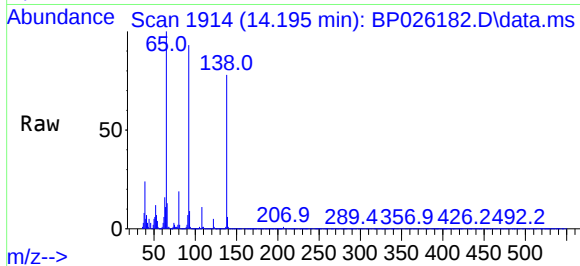




#53
3-Nitroaniline
Concen: 6.198 ng
RT: 14.195 min Scan# 1916
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

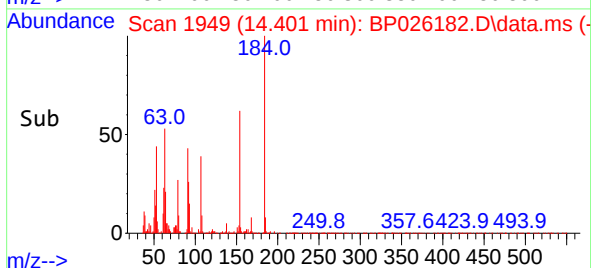
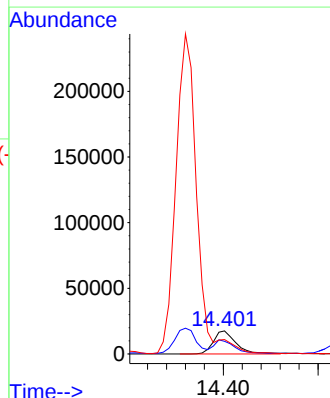
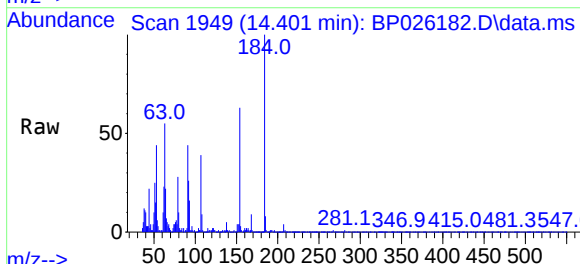
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

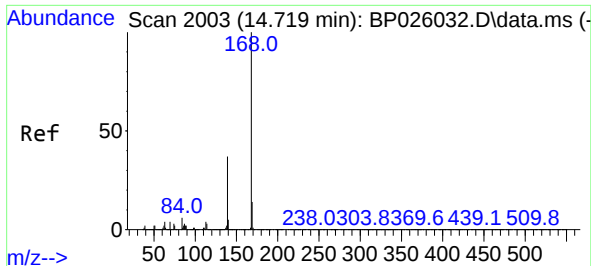
Tgt Ion:138 Resp: 88591
Ion Ratio Lower Upper
138 100
108 14.1 8.9 13.3#
92 119.0 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 3.967 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:184 Resp: 29069
Ion Ratio Lower Upper
184 100
63 54.7 43.1 64.7
154 62.6 49.5 74.3

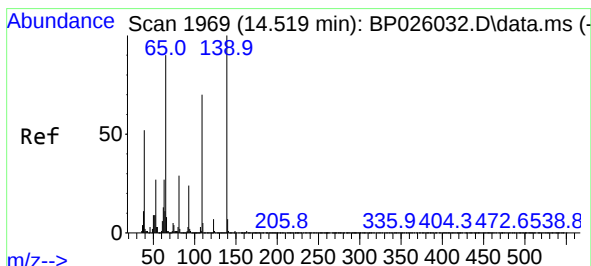
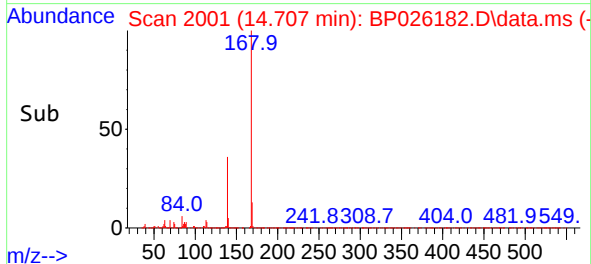
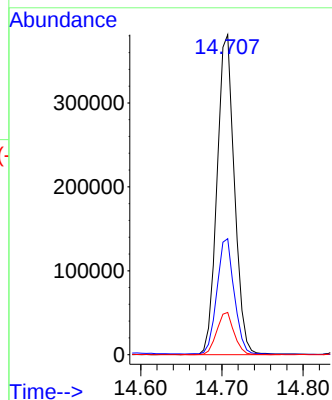
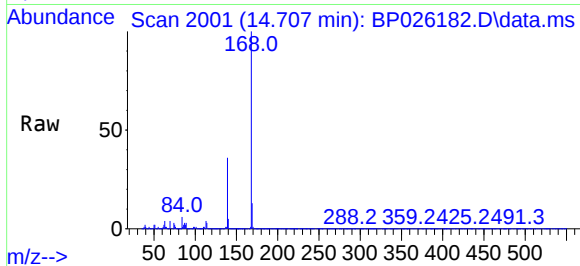




#55
Dibenzenofuran
Concen: 7.803 ng
RT: 14.707 min Scan# 2001
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

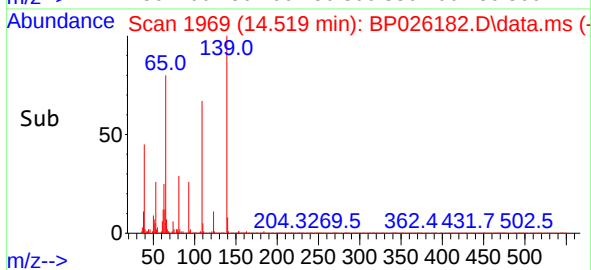
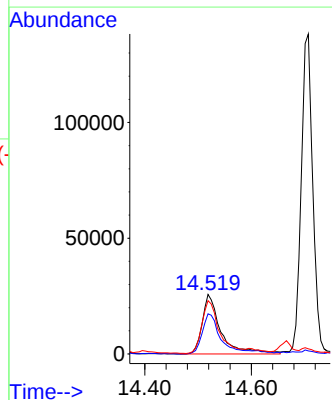
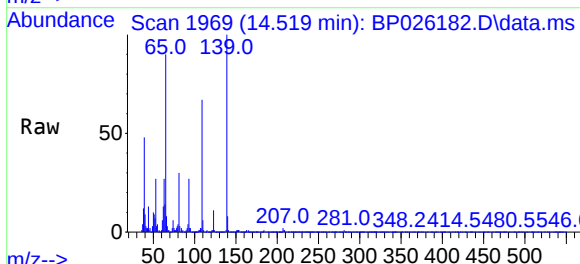
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

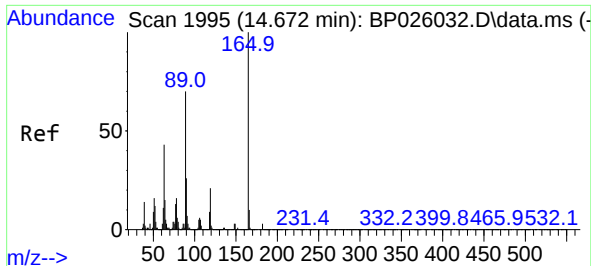
Tgt Ion:168 Resp: 567440
Ion Ratio Lower Upper
168 100
139 36.3 29.8 44.6
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 4.808 ng
RT: 14.519 min Scan# 1969
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:139 Resp: 62179
Ion Ratio Lower Upper
139 100
109 67.4 46.8 86.8
65 89.6 69.3 109.3



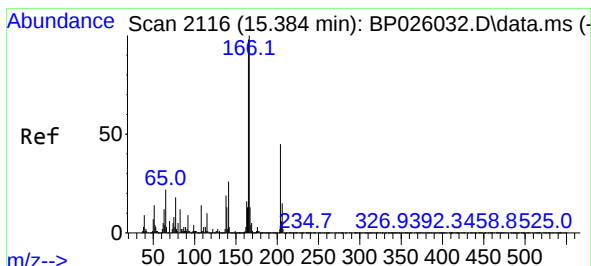
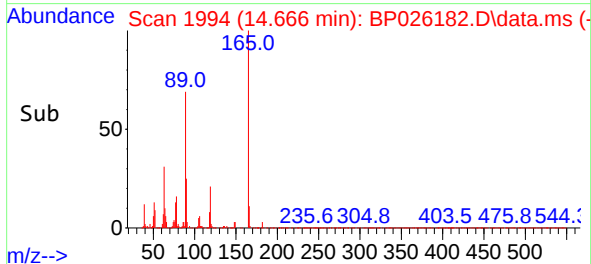
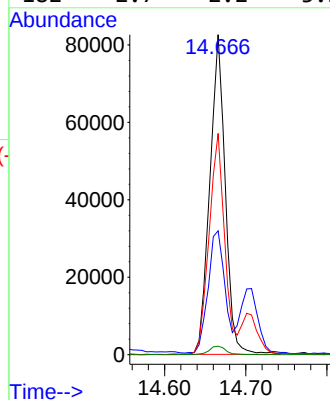
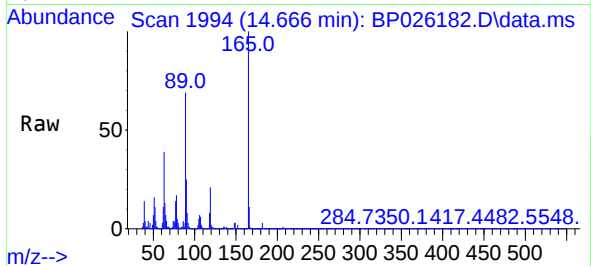


#57
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:165 Resp: 109258

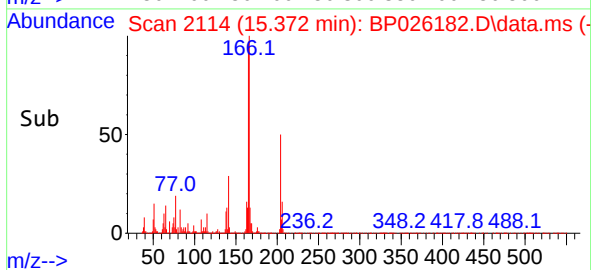
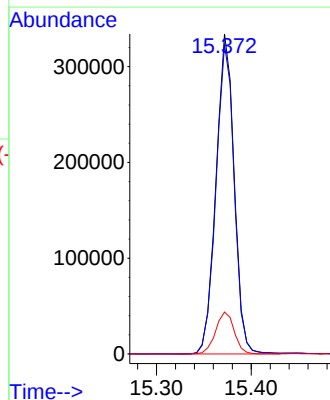
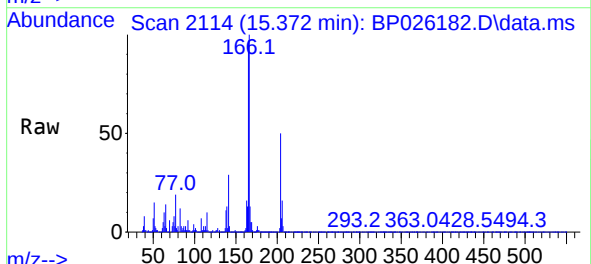
Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.6
89	69.1	51.7	77.5
182	2.7	2.2	3.2

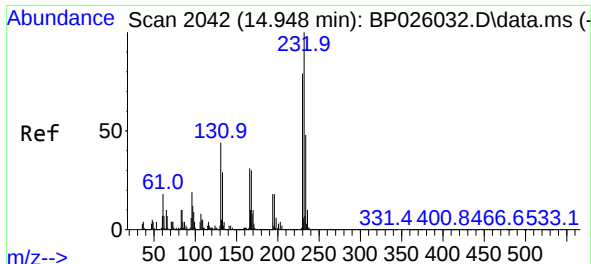


#58
Fluorene
Concen: 7.745 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:166 Resp: 445169

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.9	116.9
167	13.1	11.0	16.4



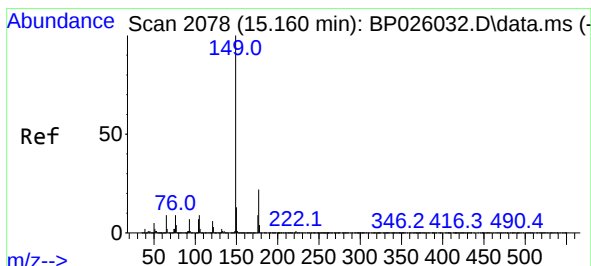
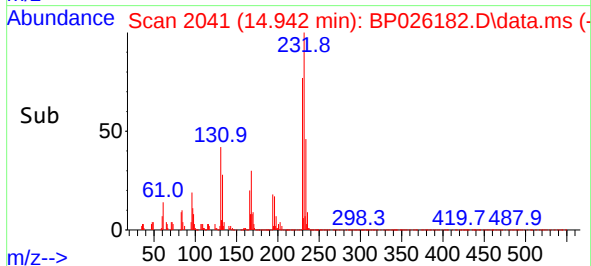
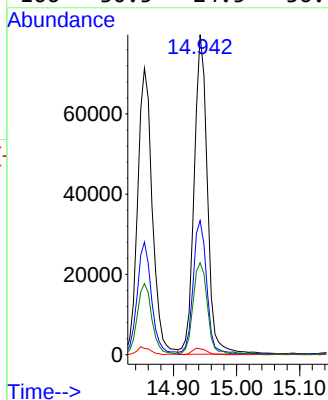
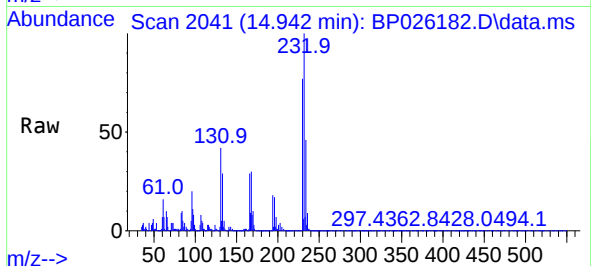


#59
2,3,4,6-Tetrachlorophenol
Concen: 7.225 ng
RT: 14.942 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:232 Resp: 116349

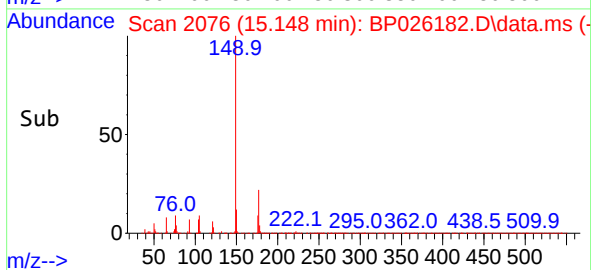
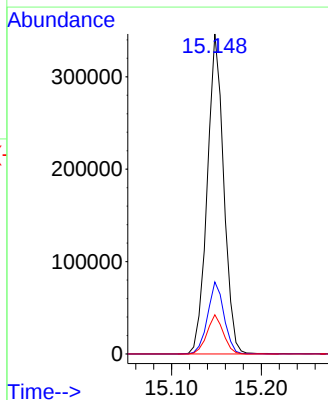
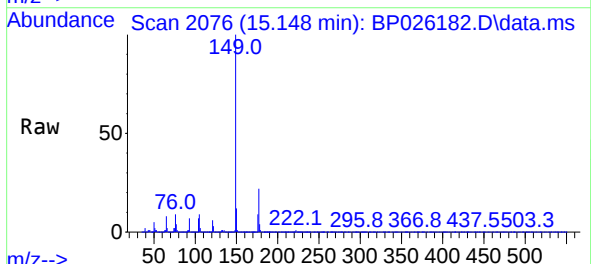
Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.8	52.2
130	2.2	1.8	2.8
166	30.5	24.5	36.7

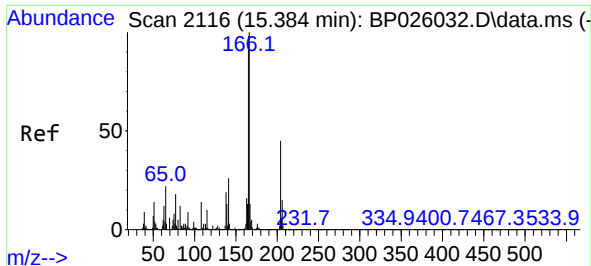


#60
Diethylphthalate
Concen: 7.153 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:149 Resp: 441477

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.3	9.9	14.9

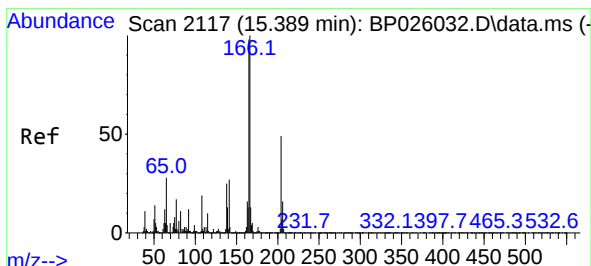
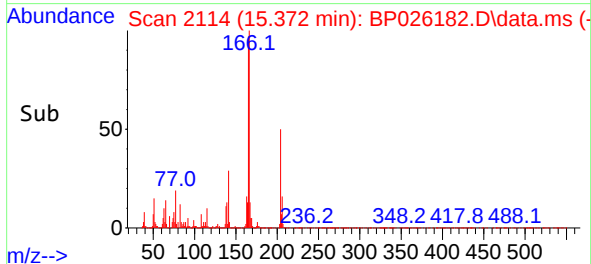
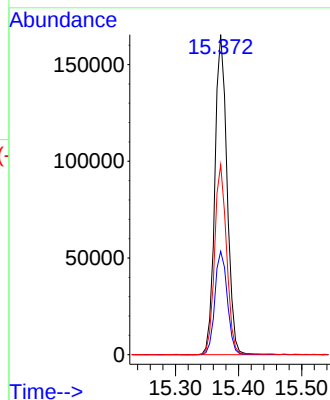
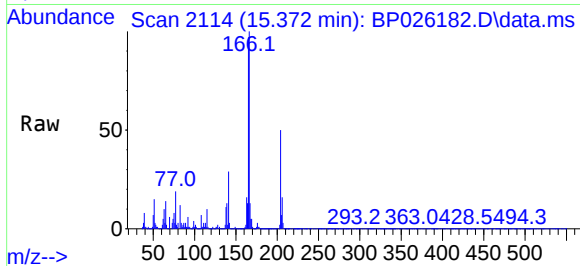




#61
4-Chlorophenyl-phenylether
Concen: 7.731 ng
RT: 15.372 min Scan# 2115
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

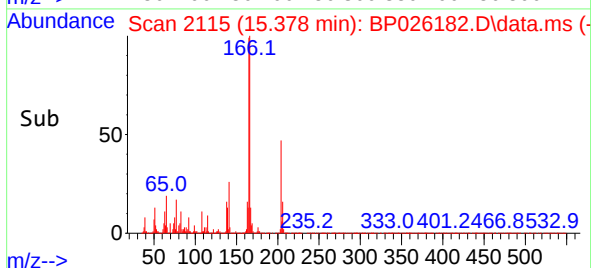
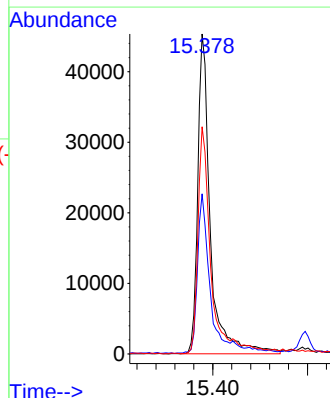
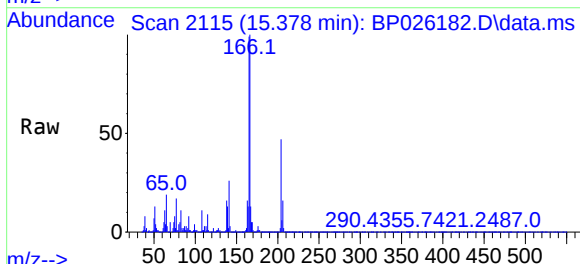
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

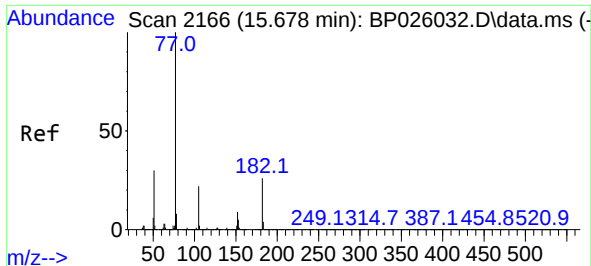
Tgt Ion:204 Resp: 221125
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 59.3 48.1 72.1



#62
4-Nitroaniline
Concen: 5.645 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.024 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:138 Resp: 83794
Ion Ratio Lower Upper
138 100
92 50.1 27.5 67.5
108 71.0 51.1 91.1

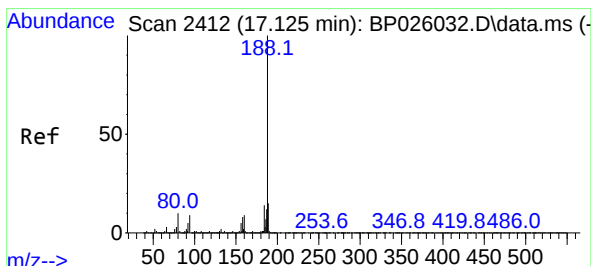
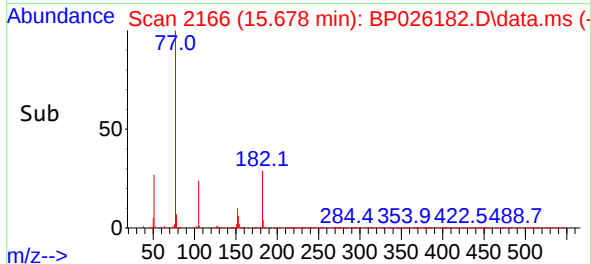
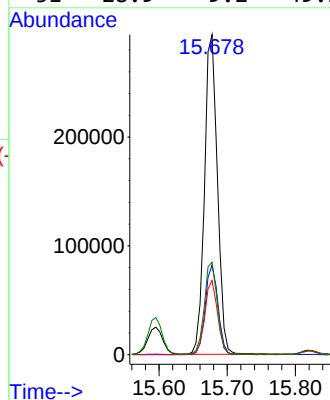
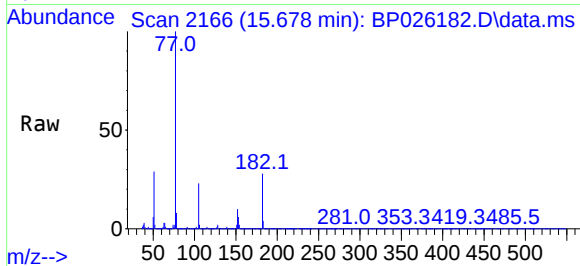




#63
Azobenzene
Concen: 7.431 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

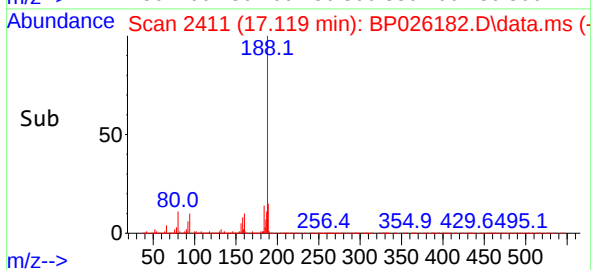
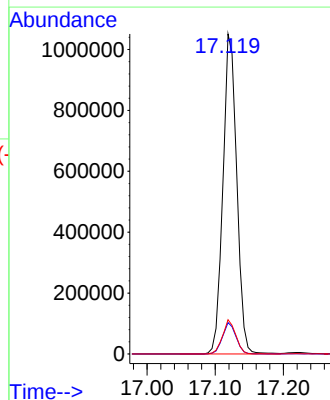
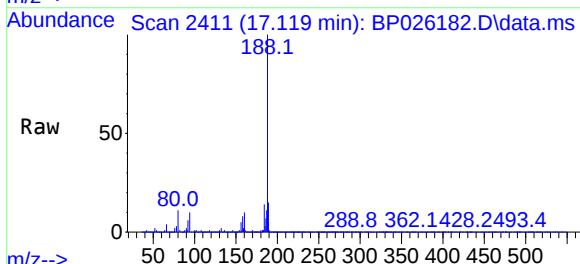
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT4-2025

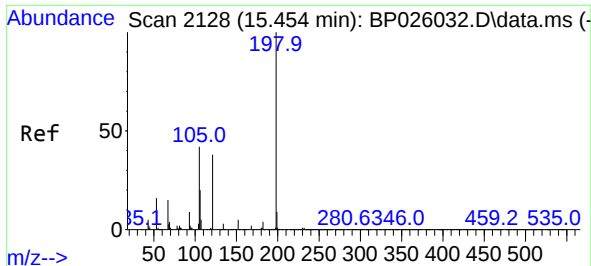
Tgt Ion: 77	Resp: 386712
Ion Ratio	Lower Upper
77 100	
182 27.9	8.8 48.8
105 23.2	2.6 42.6
51 28.9	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:188	Resp: 1481967		
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.7	8.2	12.2

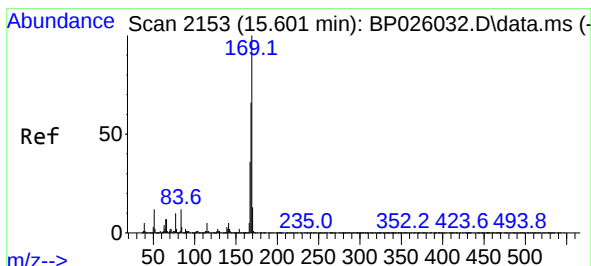
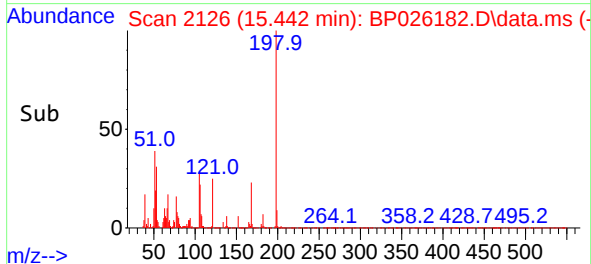
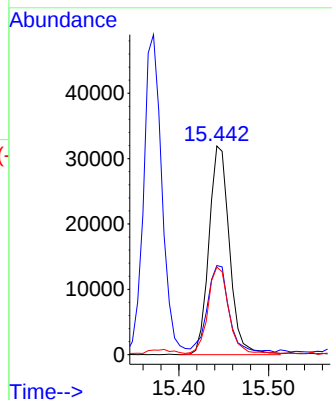
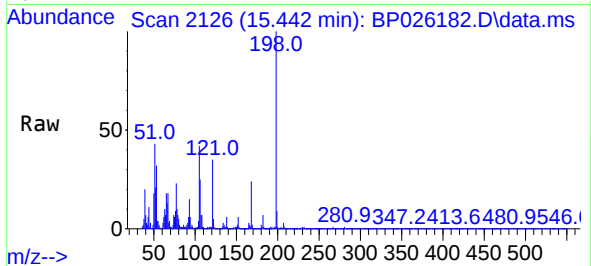




#65
4,6-Dinitro-2-methylphenol
Concen: 5.366 ng
RT: 15.442 min Scan# 2128
Delta R.T. -0.023 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

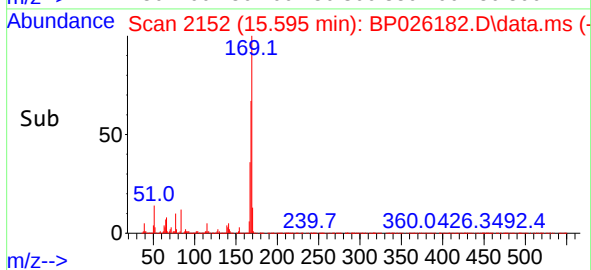
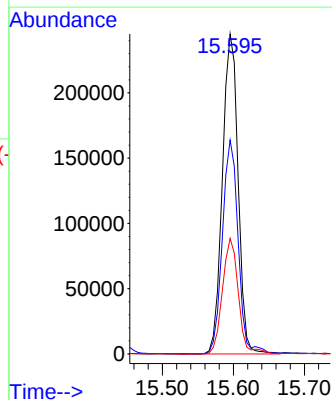
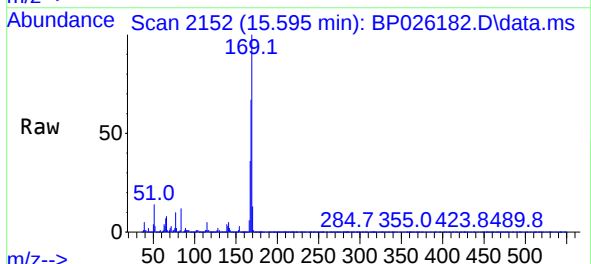
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

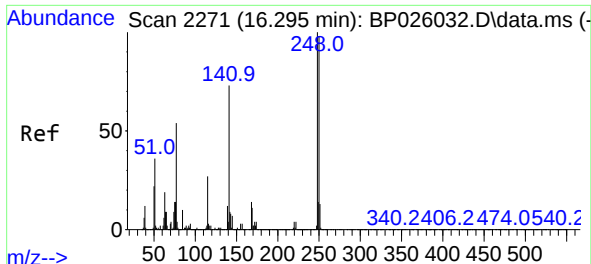
Tgt Ion:198 Resp: 50521
Ion Ratio Lower Upper
198 100
51 42.7 18.4 58.4
105 42.0 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 8.163 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:169 Resp: 374210
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.1 28.9 43.3

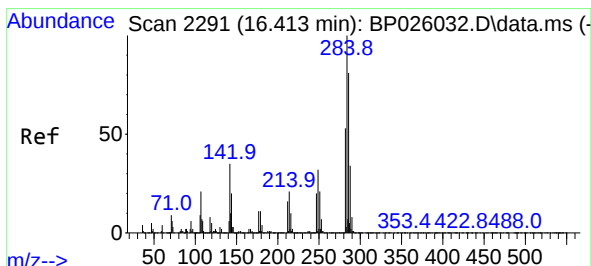
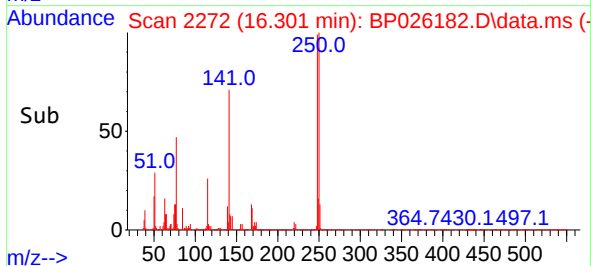
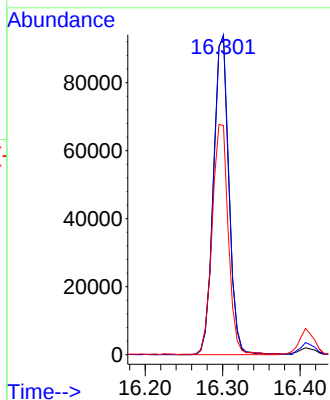
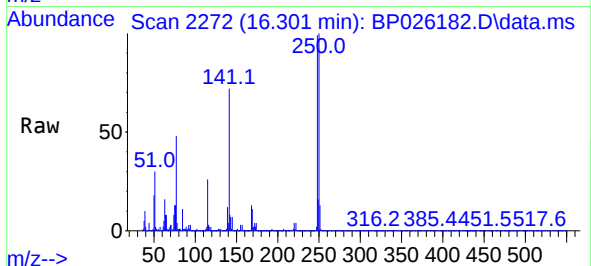




#67
4-Bromophenyl-phenylether
Concen: 7.900 ng
RT: 16.301 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

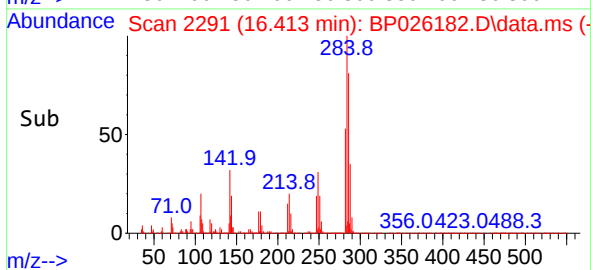
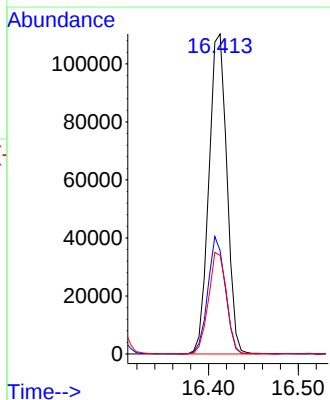
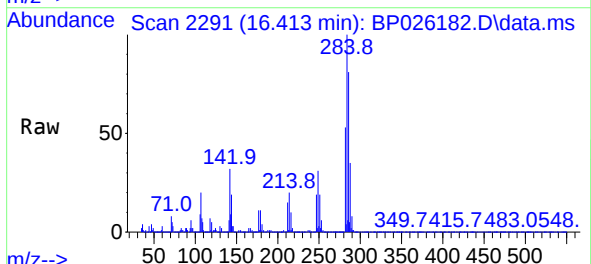
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

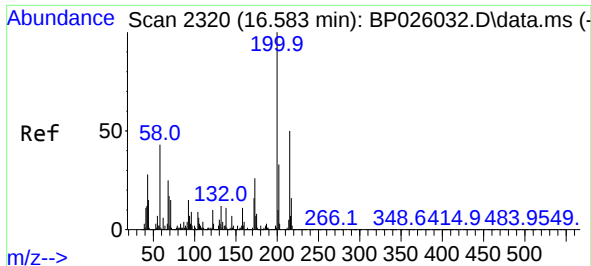
Tgt Ion:	248	Resp:	129661
Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.8	116.6
141	71.9	55.4	83.0



#68
Hexachlorobenzene
Concen: 8.056 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:	284	Resp:	153416
Ion	Ratio	Lower	Upper
284	100		
142	32.2	28.0	42.0
249	30.8	25.0	37.4

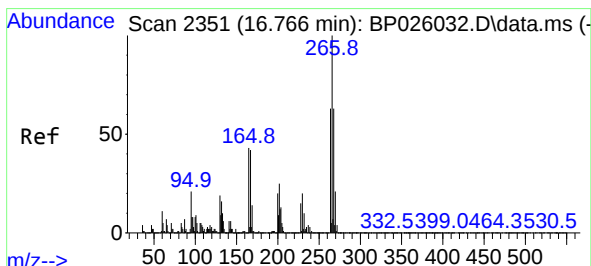
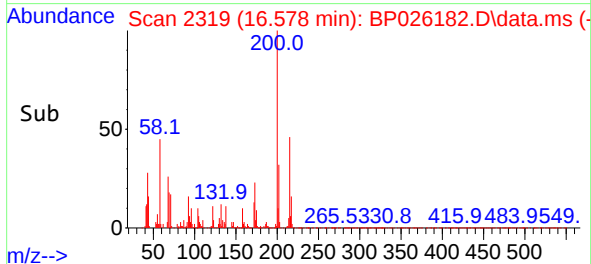
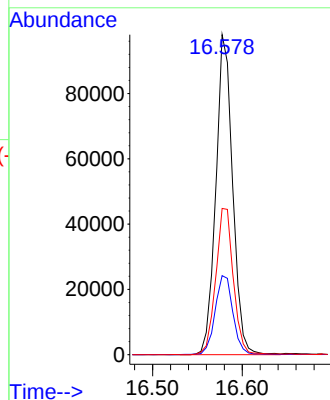
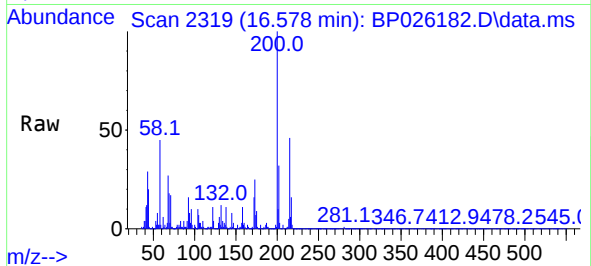




#69
Atrazine
Concen: 7.374 ng
RT: 16.578 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

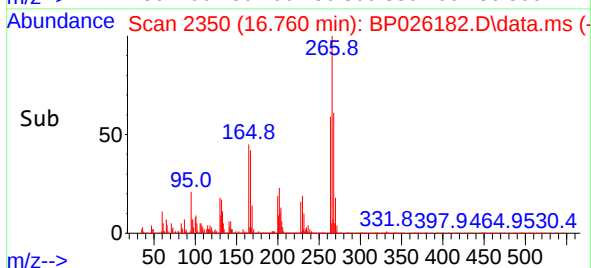
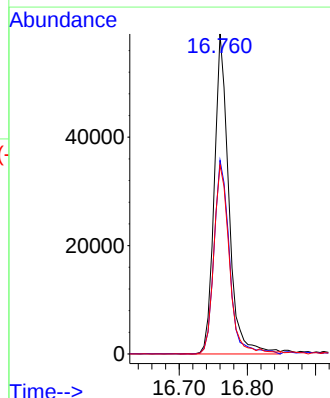
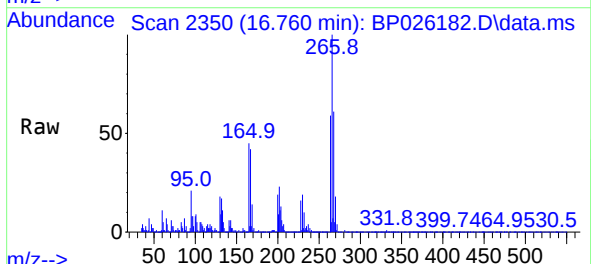
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

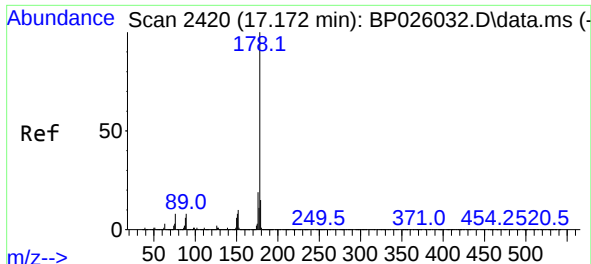
Tgt Ion:200 Resp: 127479
Ion Ratio Lower Upper
200 100
173 24.7 6.7 46.7
215 45.7 27.4 67.4



#70
Pentachlorophenol
Concen: 6.591 ng
RT: 16.760 min Scan# 2350
Delta R.T. -0.018 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:266 Resp: 87804
Ion Ratio Lower Upper
266 100
268 60.5 51.0 76.4
264 59.1 50.2 75.2

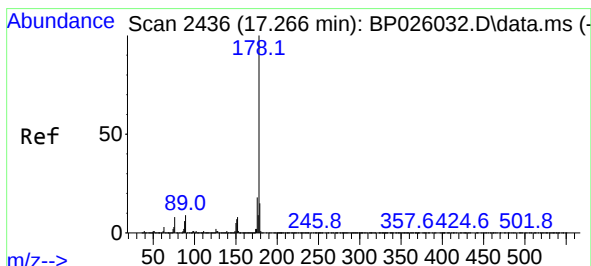
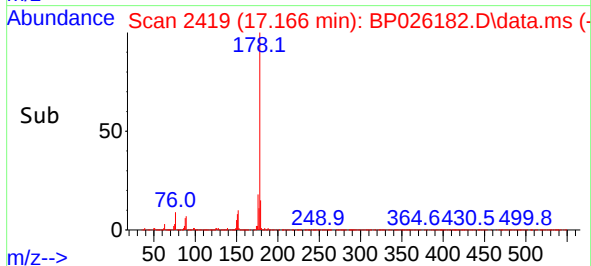
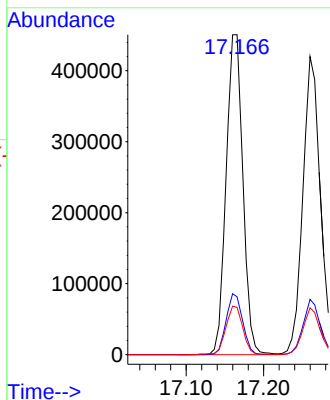
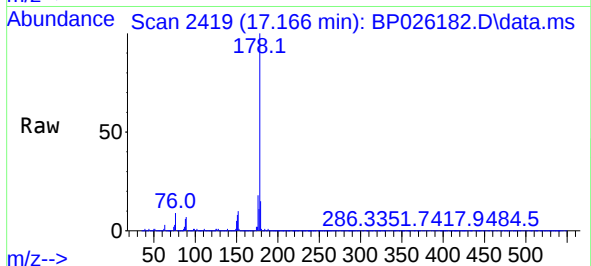




#71
Phenanthrene
Concen: 8.156 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

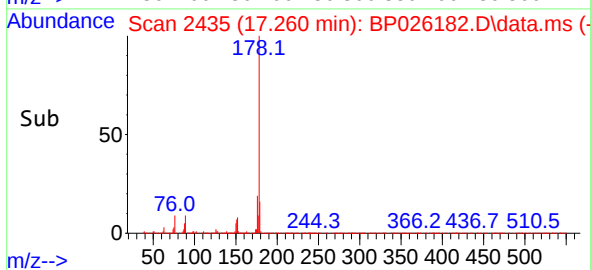
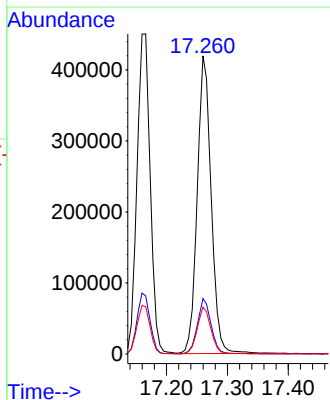
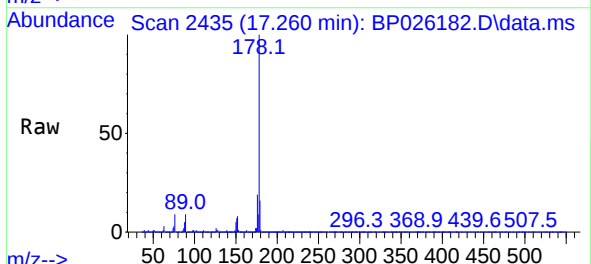
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

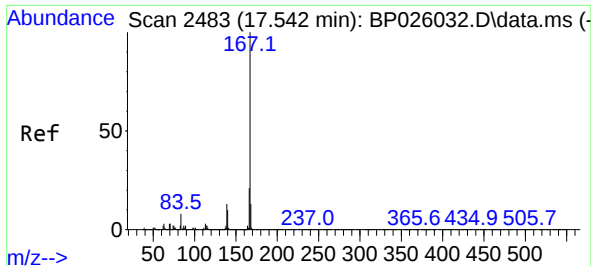
Tgt Ion:178 Resp: 680924
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 14.8 12.4 18.6



#72
Anthracene
Concen: 7.809 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:178 Resp: 664885
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.7 12.2 18.4

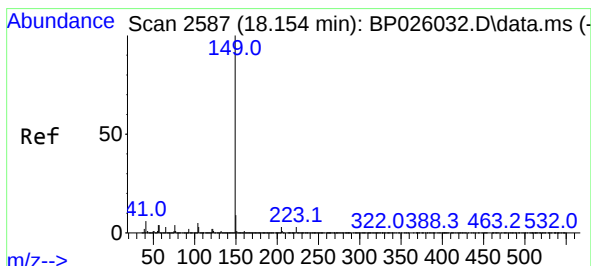
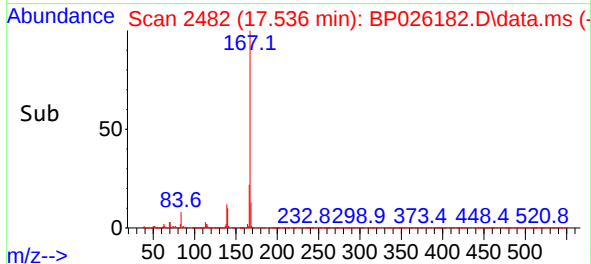
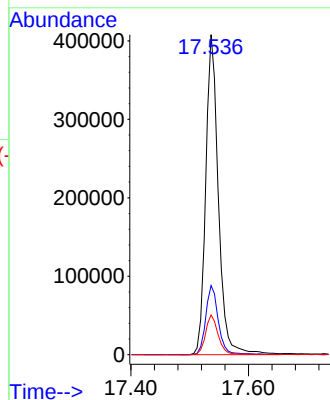
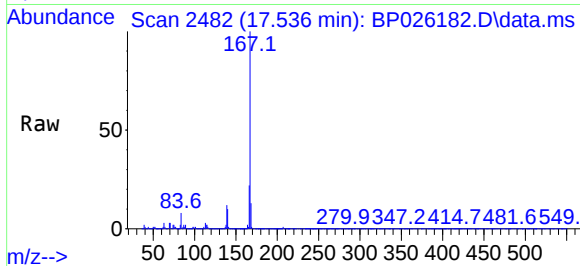




#73
Carbazole
Concen: 7.570 ng
RT: 17.536 min Scan# 2483
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

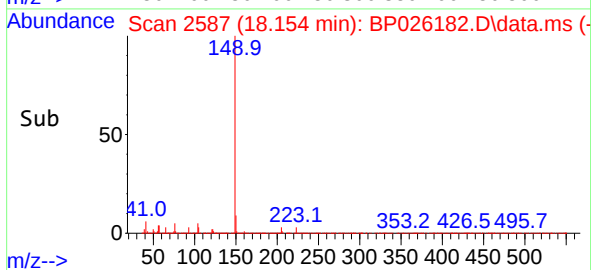
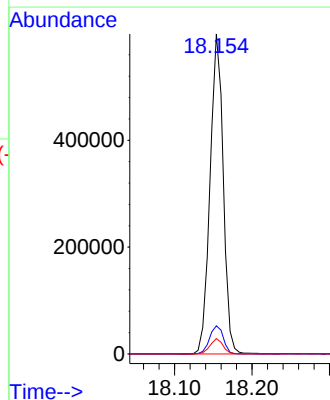
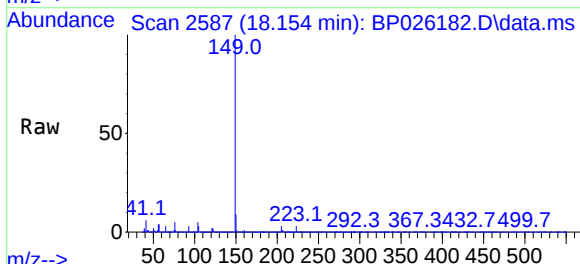
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

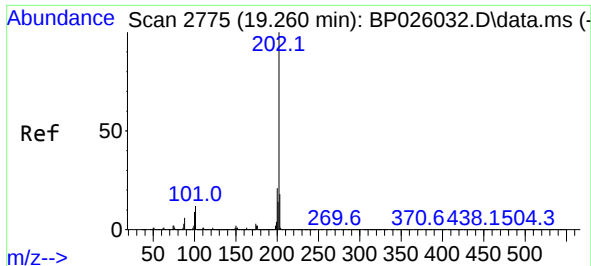
Tgt Ion:167 Resp: 612211
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 12.4 10.2 15.4



#74
Di-n-butylphthalate
Concen: 7.376 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:149 Resp: 707217
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 4.8 3.6 5.4

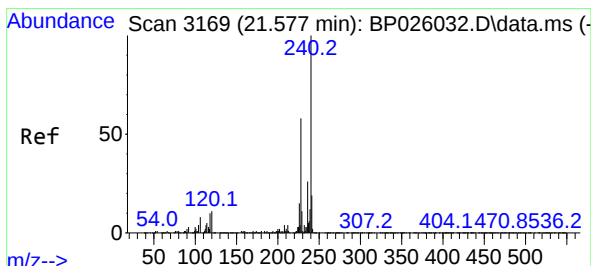
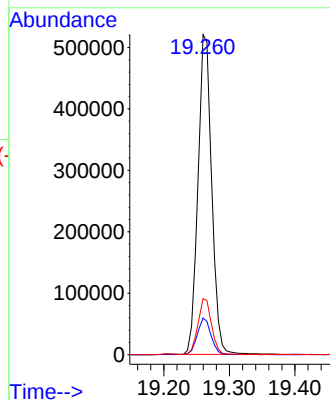
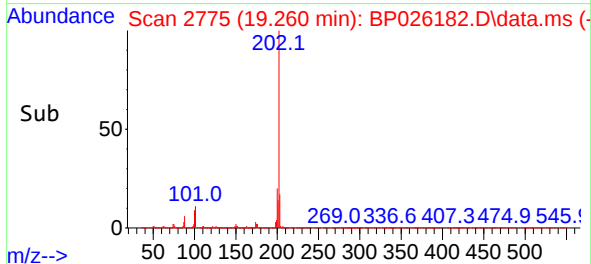
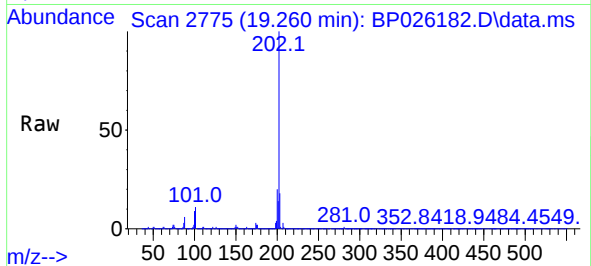




#75
Fluoranthene
Concen: 7.497 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

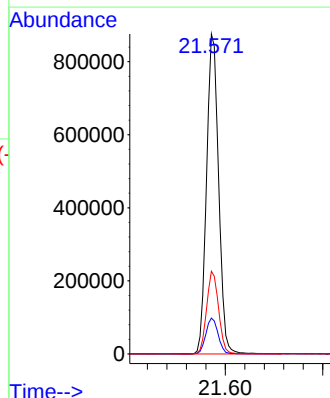
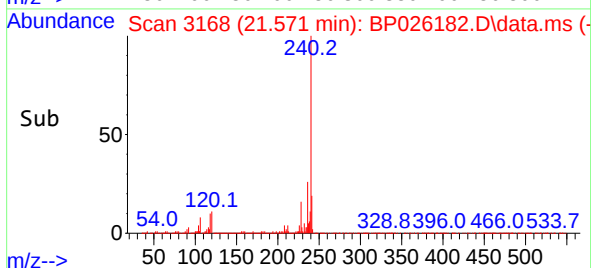
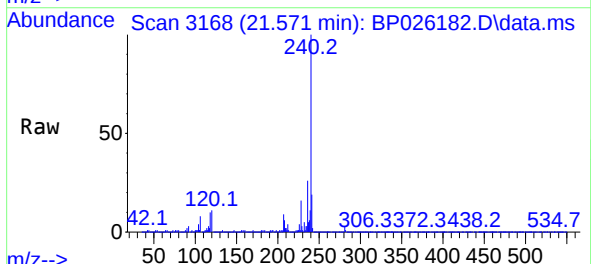
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

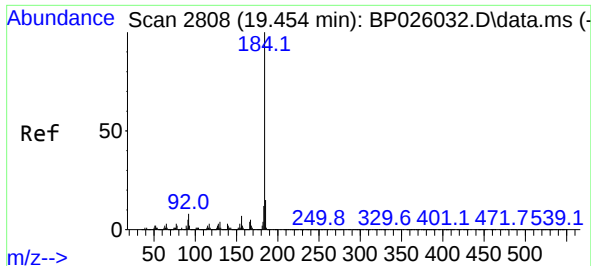
Tgt Ion:	202	Resp:	760409
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
203	17.5	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:	240	Resp:	1500207
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.4	30.6

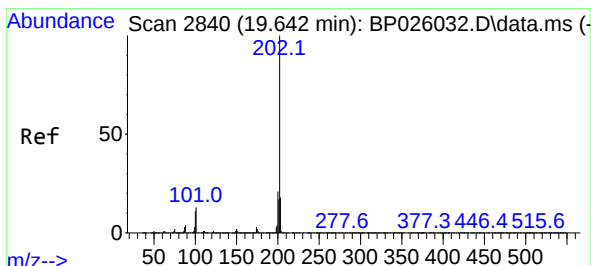
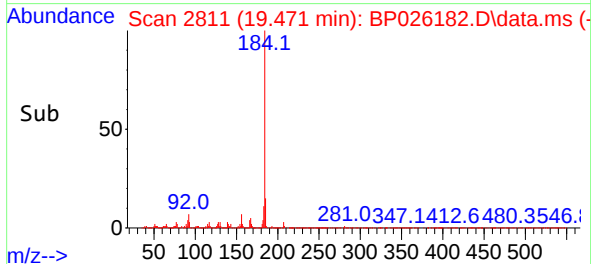
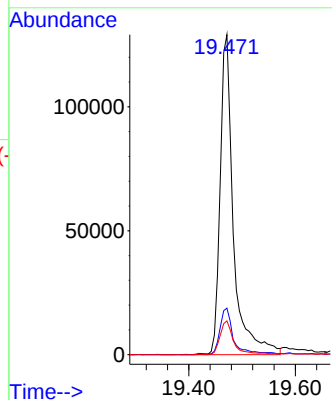
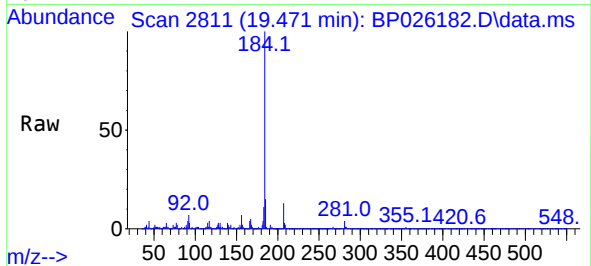




#77
Benzidine
Concen: 4.679 ng
RT: 19.471 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

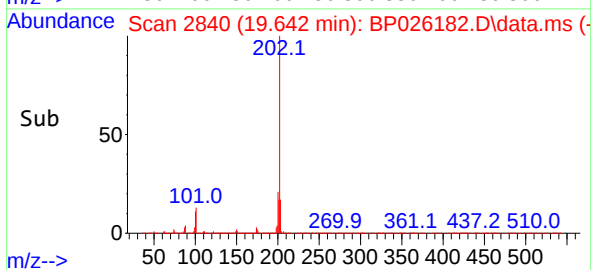
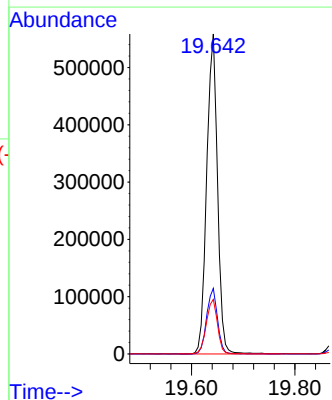
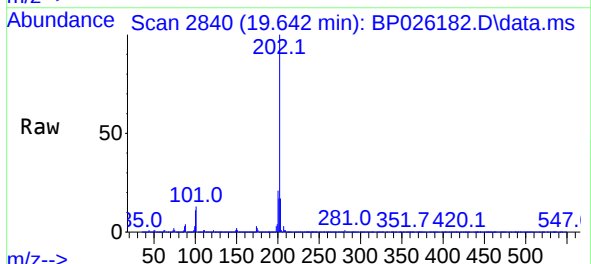
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

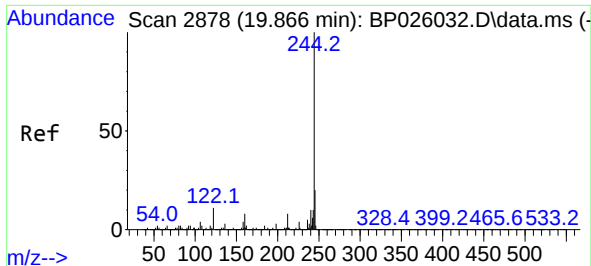
Tgt Ion:184 Resp: 222751
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 10.6 9.0 13.6



#78
Pyrene
Concen: 8.212 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:202 Resp: 807734
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.0 13.8 20.8

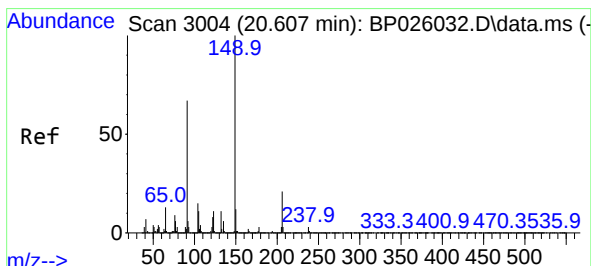
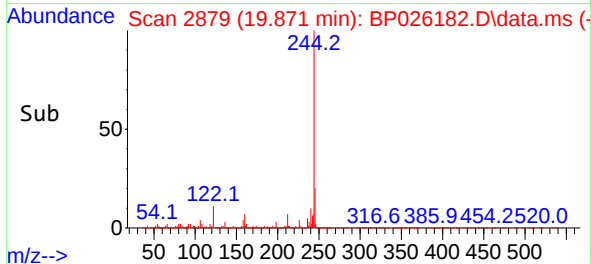
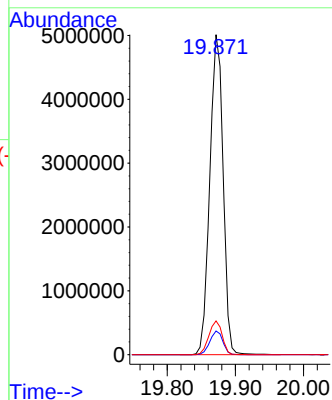
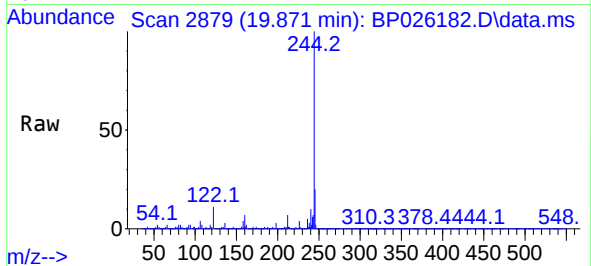




#79
Terphenyl-d14
Concen: 92.578 ng
RT: 19.871 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

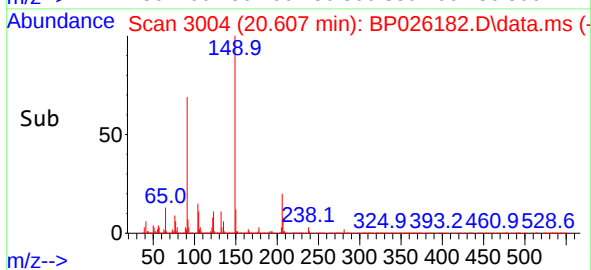
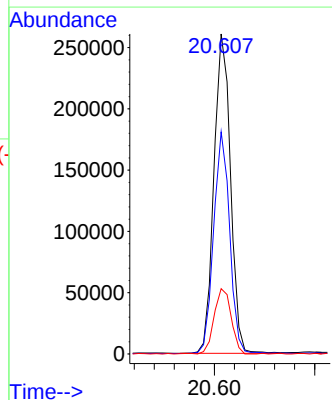
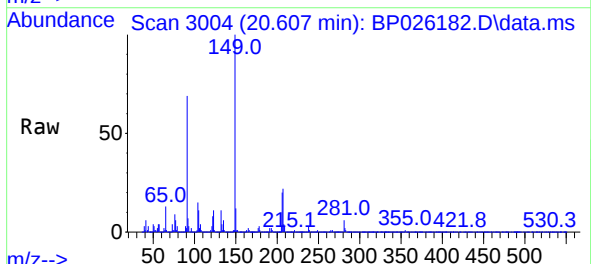
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

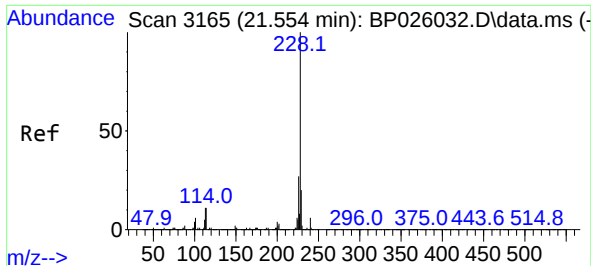
Tgt Ion:244 Resp: 6811316
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.5 8.2 12.2



#80
Butylbenzylphthalate
Concen: 6.869 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:149 Resp: 297551
Ion Ratio Lower Upper
149 100
91 69.4 52.6 79.0
206 20.4 16.9 25.3

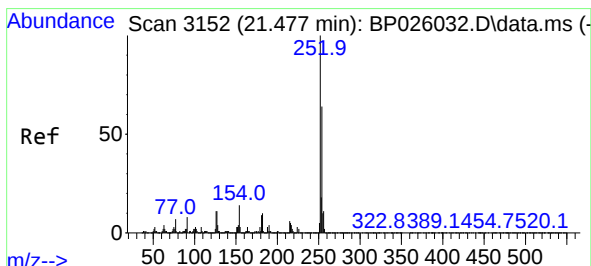
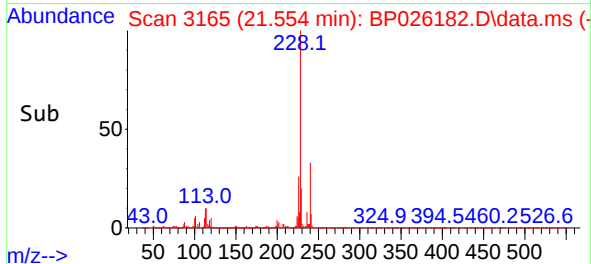
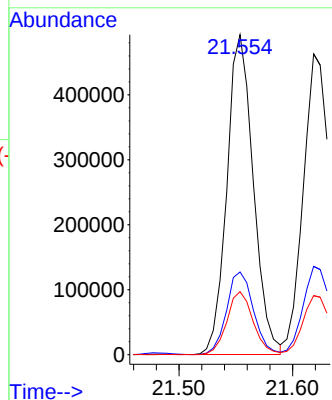
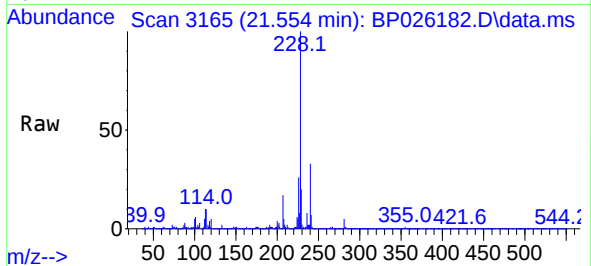




#81
Benzo(a)anthracene
Concen: 7.739 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

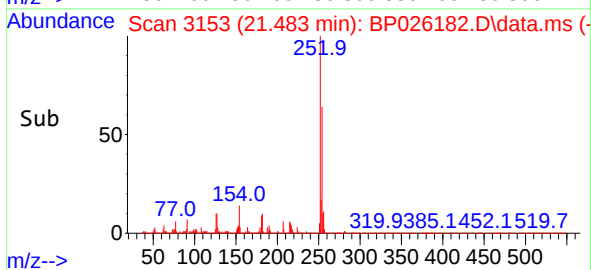
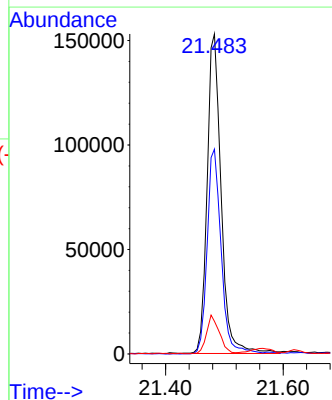
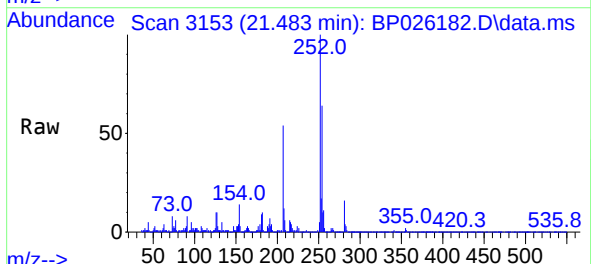
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

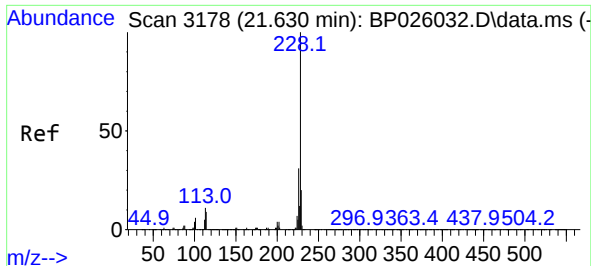
Tgt Ion:228 Resp: 797400
Ion Ratio Lower Upper
228 100
226 25.8 21.8 32.8
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 6.741 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:252 Resp: 252570
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 10.2 8.2 12.4

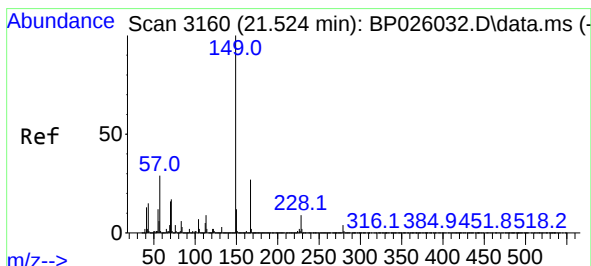
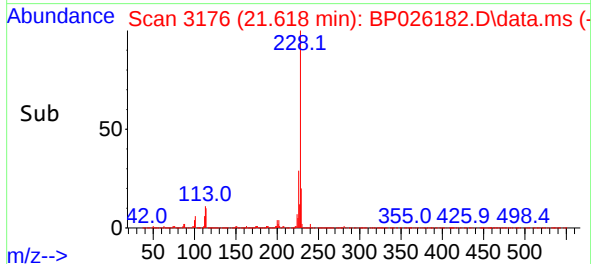
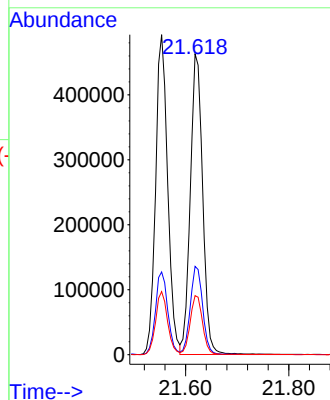
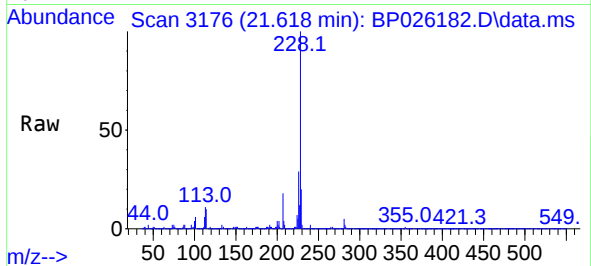




#83
Chrysene
Concen: 7.899 ng
RT: 21.618 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

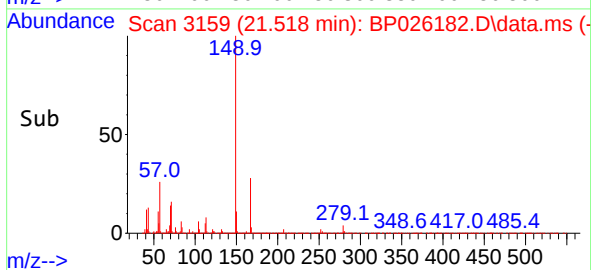
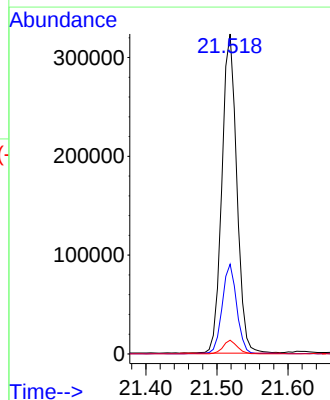
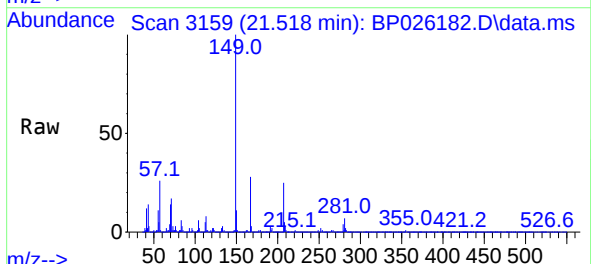
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

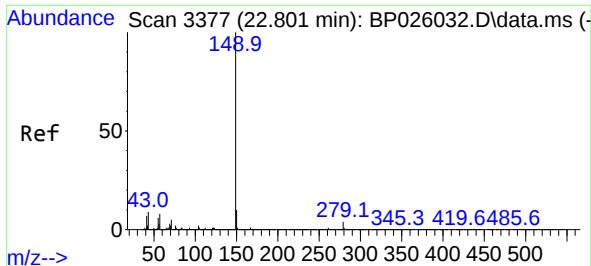
Tgt Ion:	228	Resp:	766965
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	19.6	15.9	23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.149 ng
RT: 21.518 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:	149	Resp:	468812
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	4.3	3.3	4.9

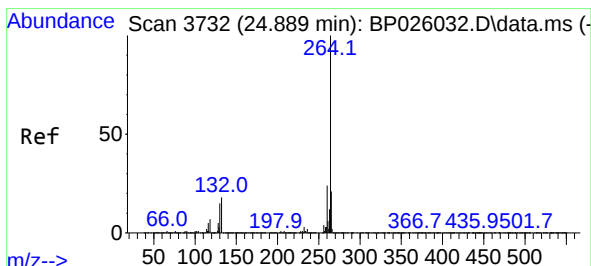
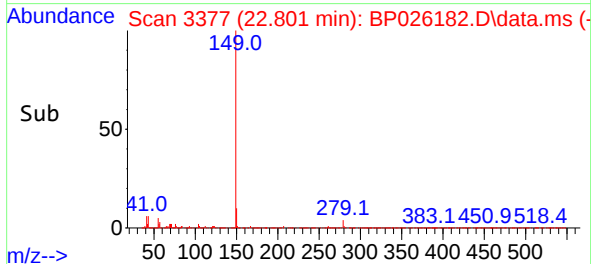
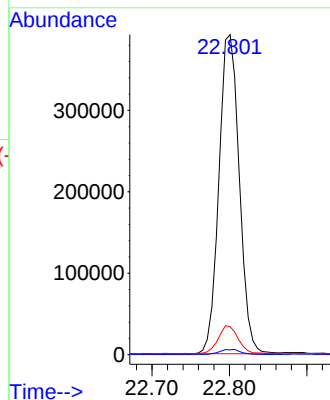
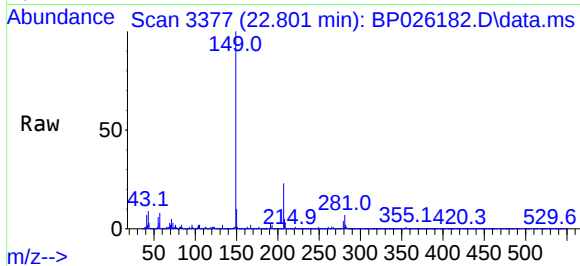




#85
Di-n-octyl phthalate
Concen: 6.238 ng
RT: 22.801 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

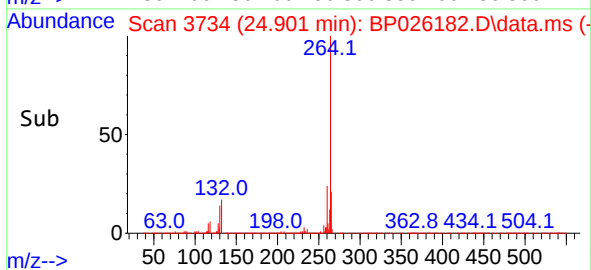
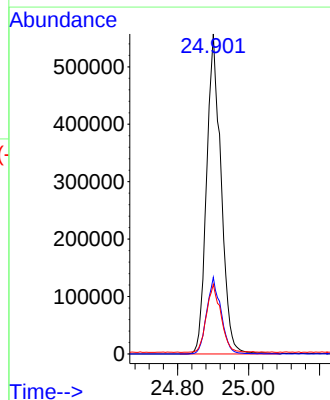
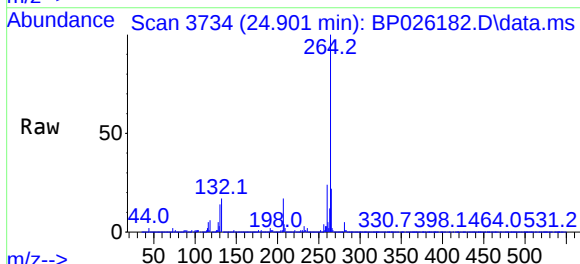
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

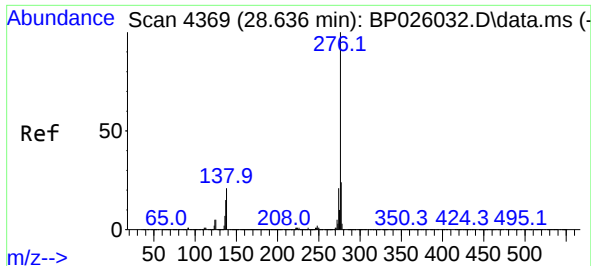
Tgt Ion:149 Resp: 715306
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.7 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:264 Resp: 1574815
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 17.5 26.3

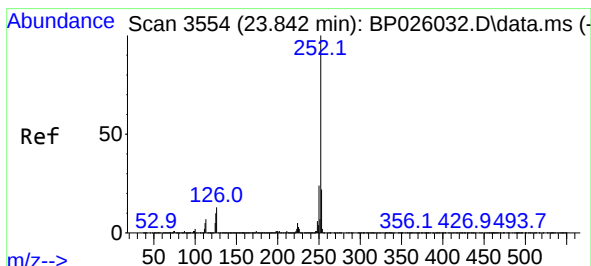
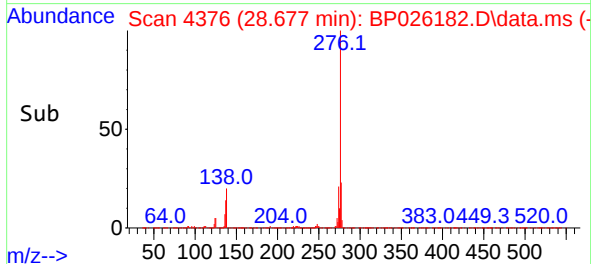
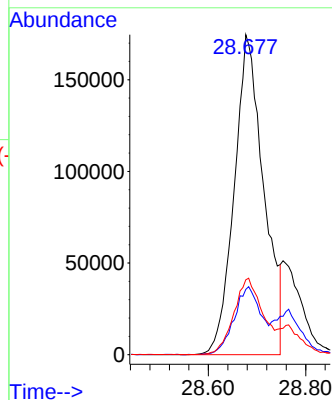
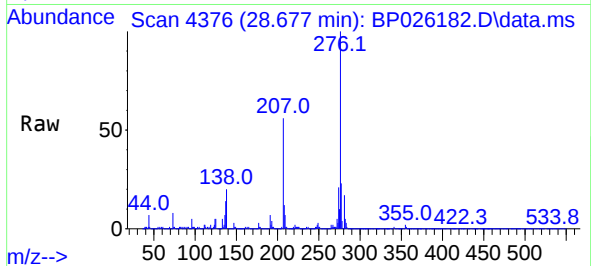




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.210 ng
RT: 28.677 min Scan# 41
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

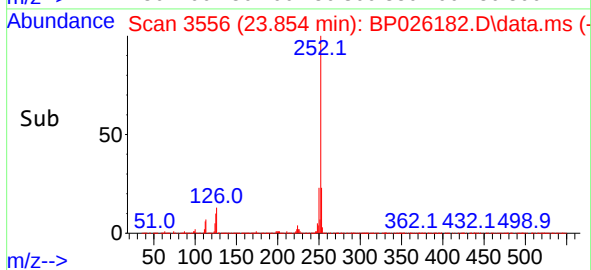
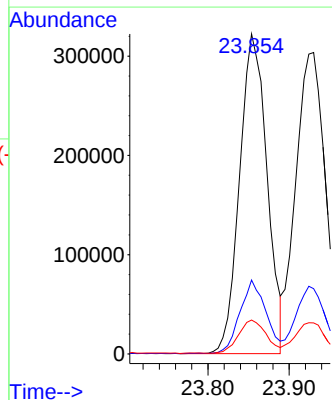
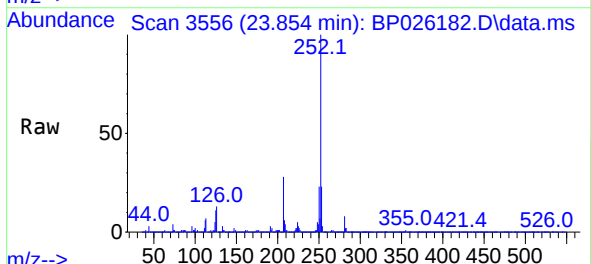
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

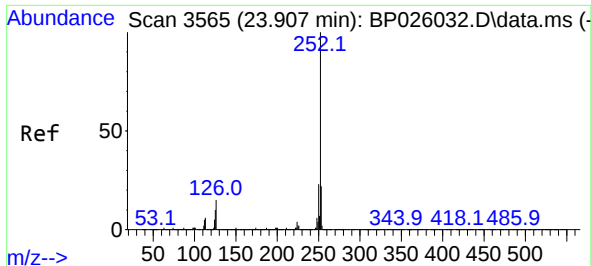
Tgt Ion:276 Resp: 733459
Ion Ratio Lower Upper
276 100
138 19.3 13.8 20.8
277 23.8 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 7.884 ng
RT: 23.854 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:252 Resp: 756073
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.6 8.2 12.4

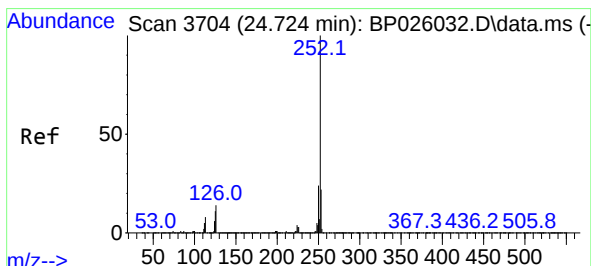
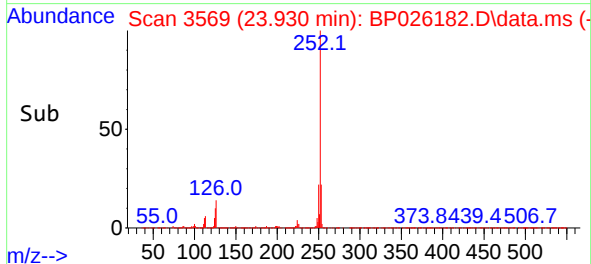
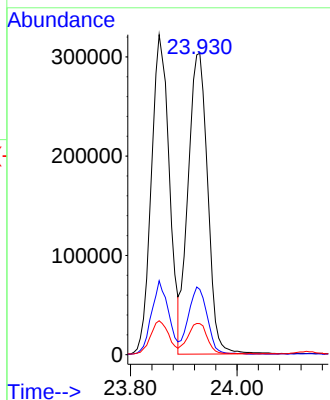
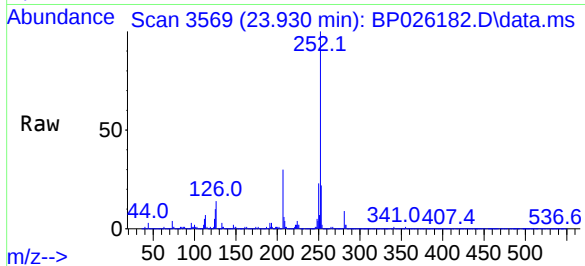




#89
Benzo(k)fluoranthene
Concen: 8.086 ng
RT: 23.930 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

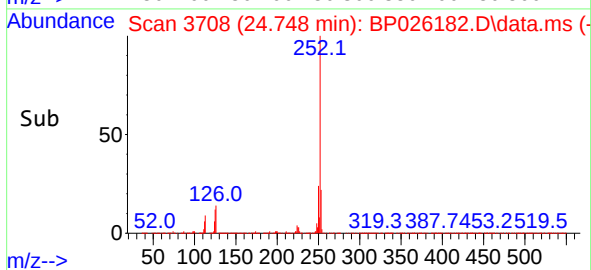
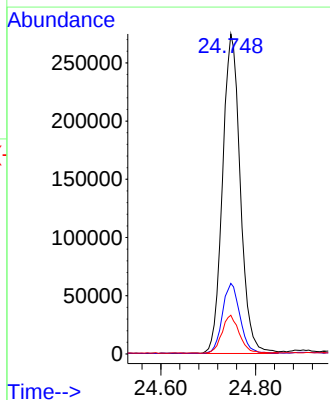
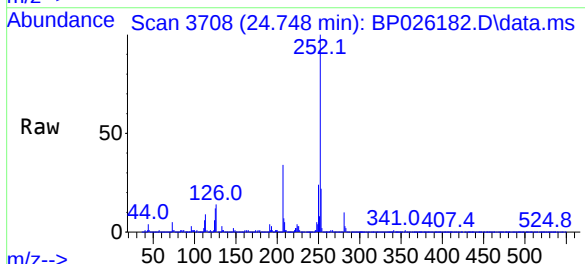
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

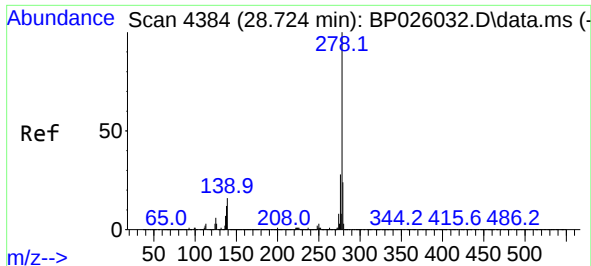
Tgt Ion:252 Resp: 774555
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.3 7.5 11.3



#90
Benzo(a)pyrene
Concen: 7.882 ng
RT: 24.748 min Scan# 3708
Delta R.T. -0.006 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:252 Resp: 716022
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 12.1 9.0 13.6

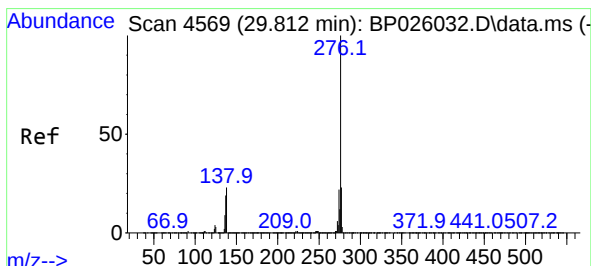
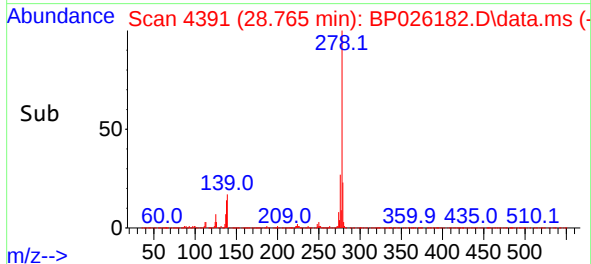
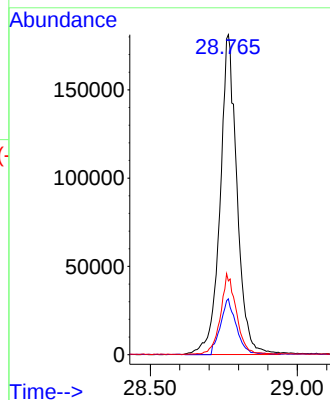
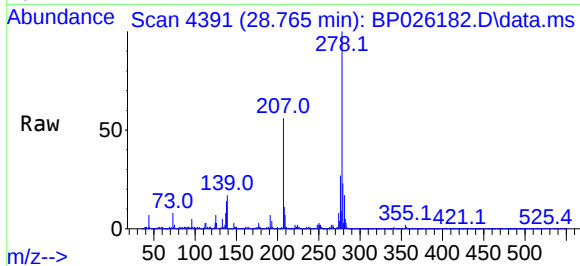




#91
Dibenzo(a,h)anthracene
Concen: 7.517 ng
RT: 28.765 min Scan# 41
Delta R.T. -0.029 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:278 Resp: 726719
Ion Ratio Lower Upper
278 100
139 17.4 13.2 19.8
279 23.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 7.533 ng
RT: 29.842 min Scan# 4574
Delta R.T. -0.041 min
Lab File: BP026182.D
Acq: 21 Nov 2025 12:38

Tgt Ion:276 Resp: 723904
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.1 17.8 26.6

