

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026162.D
 Acq On : 19 Nov 2025 17:34
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-4ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 19 17:53:37 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	7.666	152	273127	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1101014	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	715287	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1445364	20.000	ng	-0.02
76) Chrysene-d12	21.565	240	1577582	20.000	ng	0.00
86) Perylene-d12	24.889	264	1771600	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1887916	110.947	ng	0.00
7) Phenol-d6	6.849	99	2412503	111.365	ng	0.00
23) Nitrobenzene-d5	8.807	82	1592293	82.148	ng	0.00
42) 2,4,6-Tribromophenol	15.819	330	1022372	110.181	ng	-0.02
45) 2-Fluorobiphenyl	12.919	172	4021890	82.407	ng	-0.01
79) Terphenyl-d14	19.854	244	6474660	83.686	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	26516	3.842	ng	99
3) Pyridine	3.619	79	65299	3.274	ng	96
4) n-Nitrosodimethylamine	3.525	42	26577	3.565	ng	# 85
6) Aniline	7.001	93	105009	3.671	ng	99
8) 2-Chlorophenol	7.243	128	70966	3.664	ng	96
9) Benzaldehyde	6.819	77	60638	5.341	ng	97
10) Phenol	6.872	94	83044	3.558	ng	93
11) bis(2-Chloroethyl)ether	7.101	93	65626	3.592	ng	96
12) 1,3-Dichlorobenzene	7.560	146	78975	3.785	ng	97
13) 1,4-Dichlorobenzene	7.701	146	80103	3.810	ng	98
14) 1,2-Dichlorobenzene	8.013	146	79063	3.916	ng	99
15) Benzyl Alcohol	7.901	79	52711	3.321	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	95675	3.728	ng	99
17) 2-Methylphenol	8.101	107	51448	3.238	ng	98
18) Hexachloroethane	8.737	117	28141	3.678	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	48642	3.614	ng	96
20) 3+4-Methylphenols	8.425	107	68449	3.109	ng	95
22) Acetophenone	8.478	105	103275	3.690	ng	# 98
24) Nitrobenzene	8.848	77	75295	3.840	ng	99
25) Isophorone	9.372	82	134031	3.488	ng	99
26) 2-Nitrophenol	9.554	139	27431	2.765	ng	95
27) 2,4-Dimethylphenol	9.619	122	56675	3.168	ng	98
28) bis(2-Chloroethoxy)met...	9.854	93	86791	3.606	ng	99
29) 2,4-Dichlorophenol	10.090	162	57857	3.236	ng	96
30) 1,2,4-Trichlorobenzene	10.301	180	71866	3.947	ng	97
31) Naphthalene	10.490	128	222669	3.742	ng	99
33) 4-Chloroaniline	10.595	127	85744	3.388	ng	98
34) Hexachlorobutadiene	10.784	225	44612	3.767	ng	96
35) Caprolactam	11.348	113	17074	2.667	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	58404	3.073	ng	98
37) 2-Methylnaphthalene	12.107	142	137849	3.268	ng	100
38) 1-Methylnaphthalene	12.325	142	147922	3.588	ng	97
40) 1,2,4,5-Tetrachloroben...	12.478	216	82291	3.805	ng	100
41) Hexachlorocyclopentadiene	12.466	237	45682	3.227	ng	96
43) 2,4,6-Trichlorophenol	12.725	196	45511	3.069	ng	99
44) 2,4,5-Trichlorophenol	12.795	196	48404	2.924	ng	98

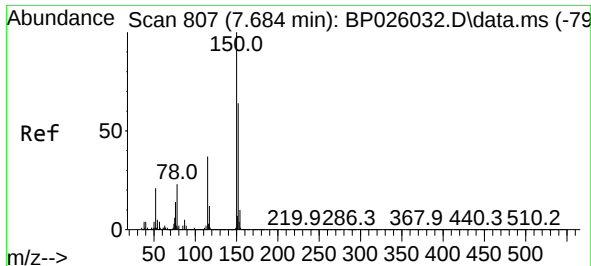
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.131	154	204107	3.790	ng	99
47) 2-Chloronaphthalene	13.172	162	155025	3.660	ng	97
48) 2-Nitroaniline	13.372	65	31315	2.659	ng	91
49) Acenaphthylene	14.025	152	247994	3.550	ng	99
50) Dimethylphthalate	13.760	163	192448	3.602	ng	100
51) 2,6-Dinitrotoluene	13.866	165	33548	3.169	ng	93
52) Acenaphthene	14.372	154	154985	3.786	ng	97
53) 3-Nitroaniline	14.201	138	33076	2.654	ng	# 94
55) Dibenzofuran	14.713	168	242881	3.830	ng	99
57) 2,4-Dinitrotoluene	14.666	165	41854	2.648	ng	# 94
58) Fluorene	15.372	166	191540	3.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	47586	3.389	ng	# 100
60) Diethylphthalate	15.148	149	190321	3.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.377	204	98220	3.939	ng	96
62) 4-Nitroaniline	15.383	138	34156	2.639	ng	91
63) Azobenzene	15.672	77	158177	3.486	ng	99
65) 4,6-Dinitro-2-methylph...	15.448	198	19573	2.132	ng	98
66) n-Nitrosodiphenylamine	15.589	169	165791	3.708	ng	99
67) 4-Bromophenyl-phenylether	16.283	248	57670	3.603	ng	96
68) Hexachlorobenzene	16.401	284	68082	3.665	ng	98
69) Atrazine	16.566	200	55362	3.284	ng	98
70) Pentachlorophenol	16.760	266	34494	2.655	ng	96
71) Phenanthrene	17.154	178	311719	3.829	ng	100
72) Anthracene	17.248	178	301175	3.627	ng	99
73) Carbazole	17.524	167	275783	3.496	ng	99
74) Di-n-butylphthalate	18.136	149	310493	3.320	ng	98
75) Fluoranthene	19.248	202	354584	3.584	ng	99
77) Benzidine	19.448	184	150227	3.001	ng	98
78) Pyrene	19.630	202	375283	3.628	ng	99
80) Butylbenzylphthalate	20.595	149	138674	3.044	ng	100
81) Benzo(a)anthracene	21.548	228	396279	3.658	ng	99
82) 3,3'-Dichlorobenzidine	21.471	252	128781	3.269	ng	98
83) Chrysene	21.612	228	388516	3.805	ng	99
84) Bis(2-ethylhexyl)phtha...	21.512	149	221603	3.214	ng	97
85) Di-n-octyl phthalate	22.795	149	351112	2.912	ng	99
87) Indeno(1,2,3-cd)pyrene	28.653	276	374743	2.820	ng	93
88) Benzo(b)fluoranthene	23.842	252	384558	3.564	ng	98
89) Benzo(k)fluoranthene	23.912	252	391570	3.634	ng	# 98
90) Benzo(a)pyrene	24.730	252	364991	3.572	ng	100
91) Dibenzo(a,h)anthracene	28.736	278	370034	3.402	ng	99
92) Benzo(g,h,i)perylene	29.812	276	366815	3.393	ng	98

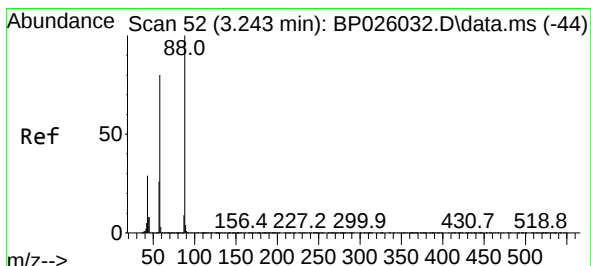
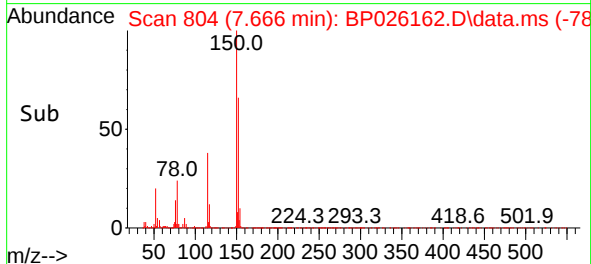
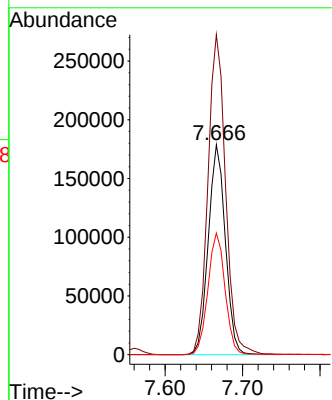
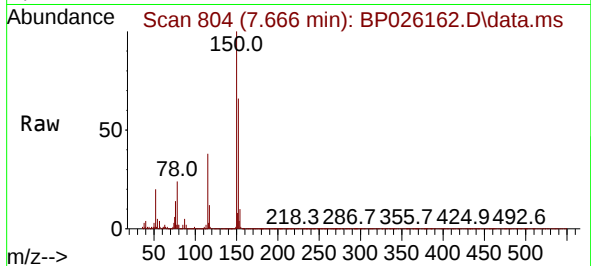
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.666 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP026162.D
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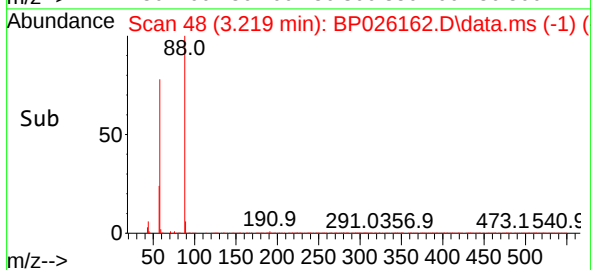
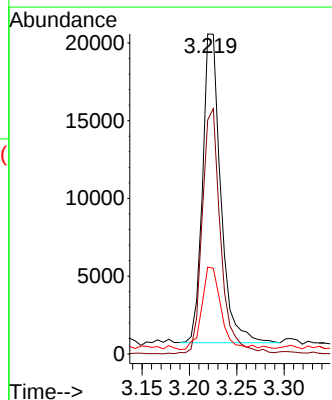
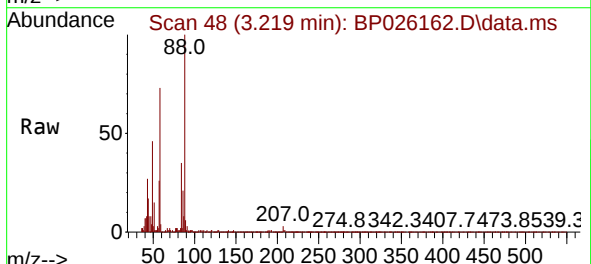
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

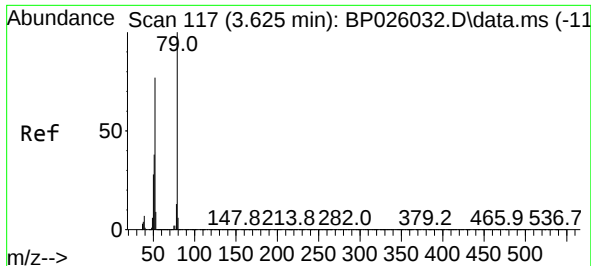
Tgt Ion:152 Resp: 273127
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.0 184.6
 115 57.9 46.3 69.5



#2
 1,4-Dioxane
 Concen: 3.842 ng
 RT: 3.219 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

Tgt Ion: 88 Resp: 26516
 Ion Ratio Lower Upper
 88 100
 58 80.4 64.2 96.4
 43 27.9 21.5 32.3

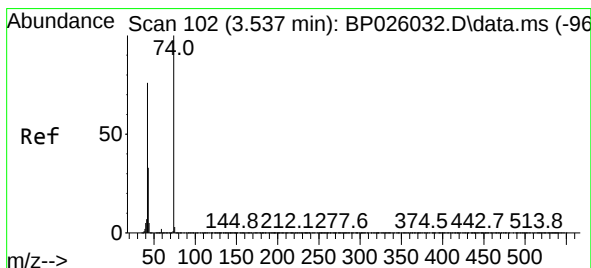
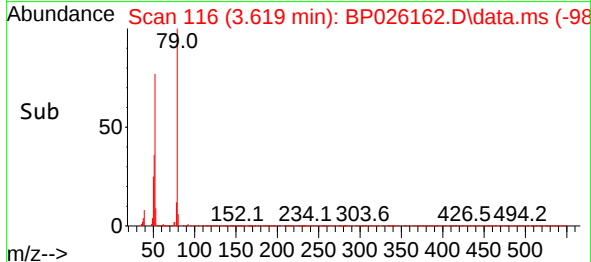
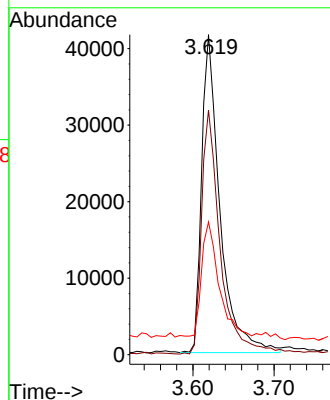
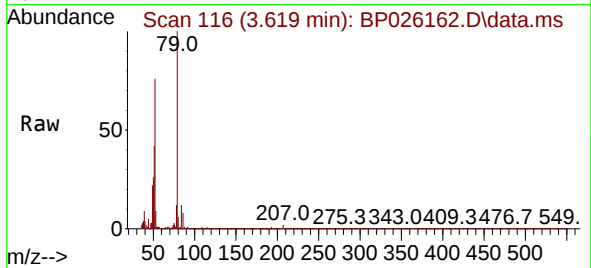




#3
Pyridine
Concen: 3.274 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

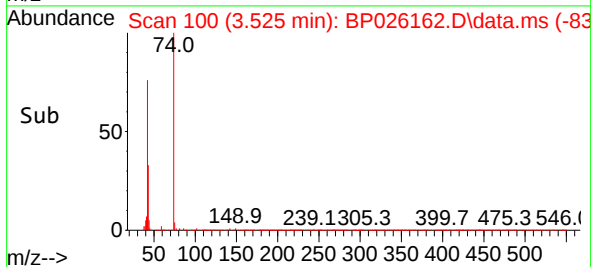
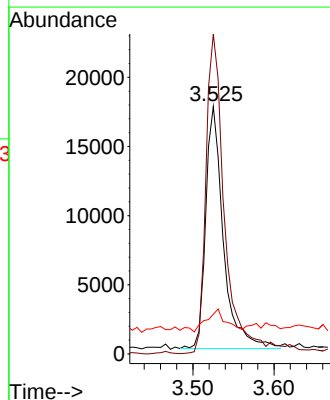
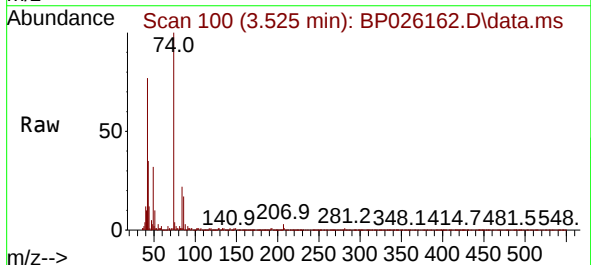
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

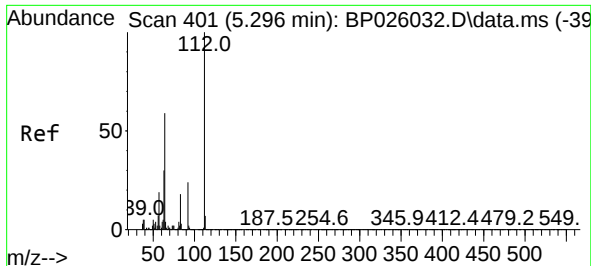
Tgt Ion: 79 Resp: 65299
Ion Ratio Lower Upper
79 100
52 76.5 60.2 90.2
51 41.5 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 3.565 ng
RT: 3.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 42 Resp: 26577
Ion Ratio Lower Upper
42 100
74 129.3 118.1 177.1
44 16.1 6.2 9.4

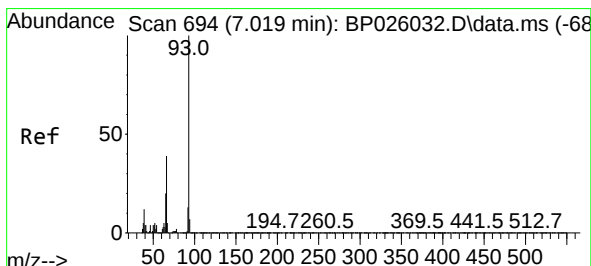
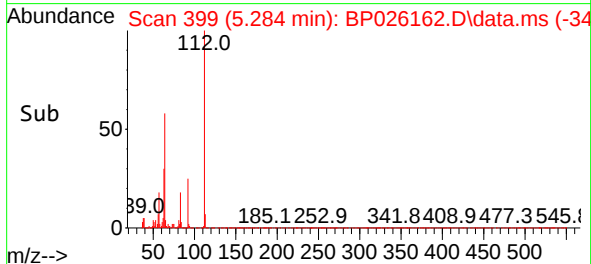
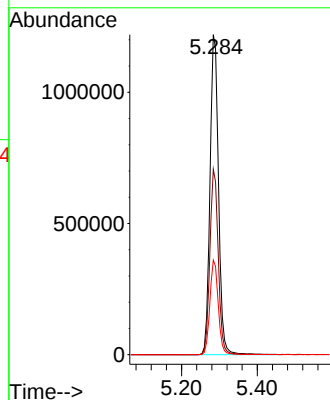
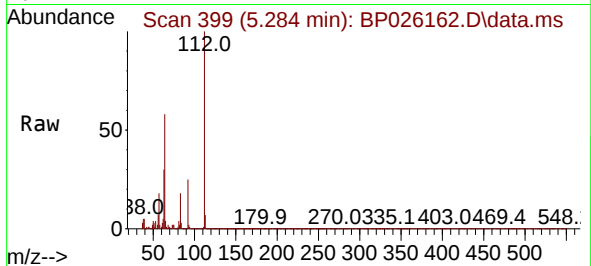




#5
2-Fluorophenol
Concen: 110.947 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

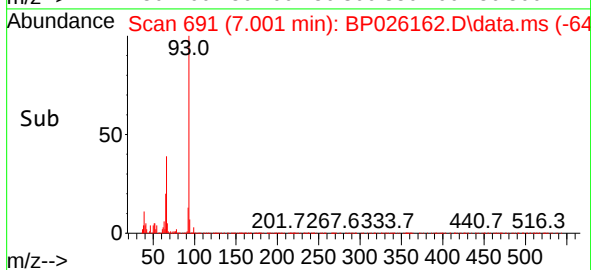
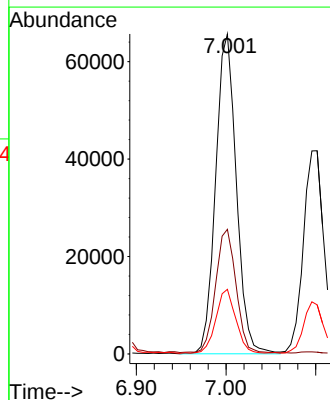
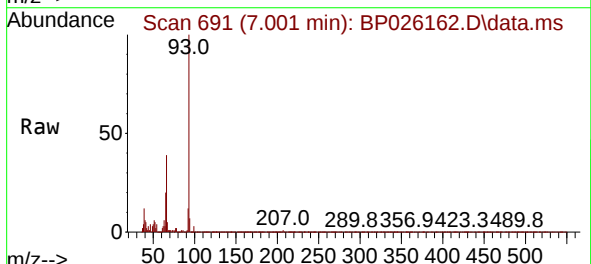
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

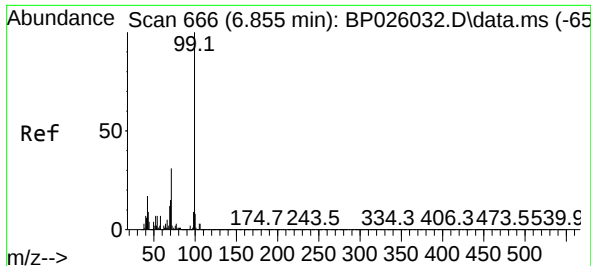
Tgt Ion:112 Resp: 1887916
Ion Ratio Lower Upper
112 100
64 58.0 45.8 68.6
63 29.6 23.5 35.3



#6
Aniline
Concen: 3.671 ng
RT: 7.001 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 93 Resp: 105009
Ion Ratio Lower Upper
93 100
66 39.0 31.7 47.5
65 20.2 15.8 23.6

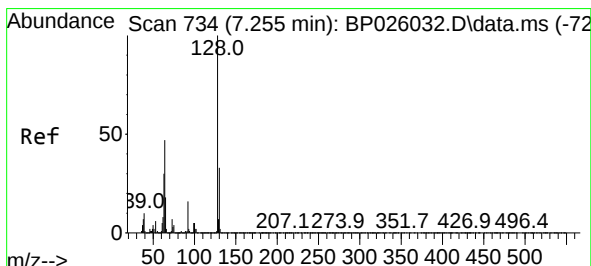
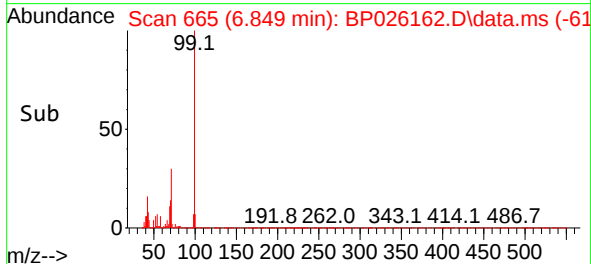
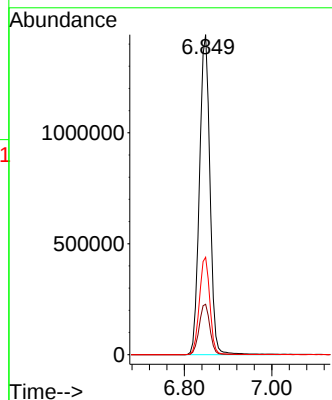
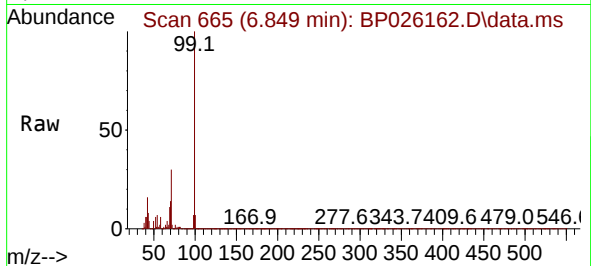




#7
Phenol-d6
Concen: 111.365 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

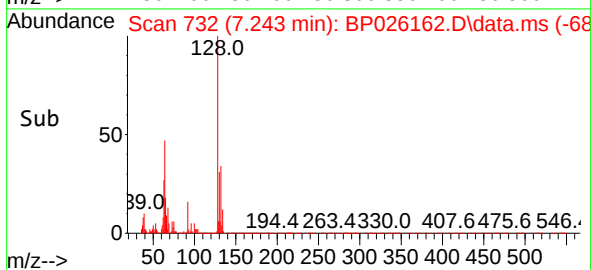
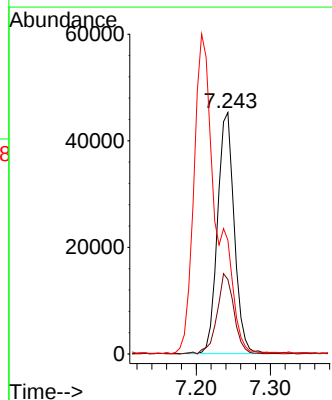
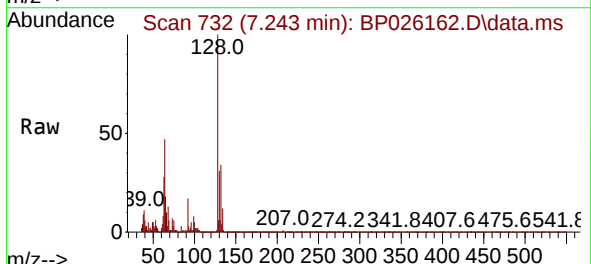
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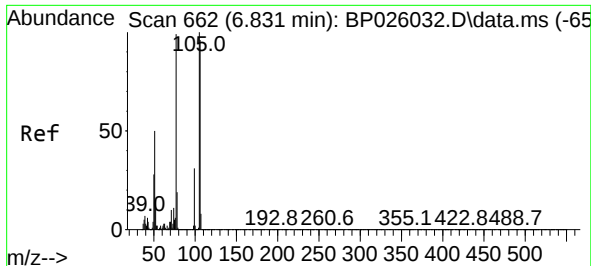
Tgt Ion: 99 Resp: 2412503
Ion Ratio Lower Upper
99 100
42 15.7 12.9 19.3
71 30.4 24.8 37.2



#8
2-Chlorophenol
Concen: 3.664 ng
RT: 7.243 min Scan# 732
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:128 Resp: 70966
Ion Ratio Lower Upper
128 100
130 30.8 12.4 52.4
64 47.2 23.9 63.9

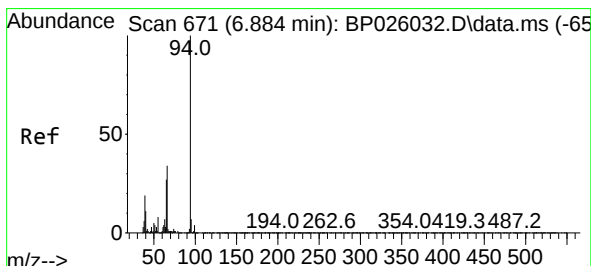
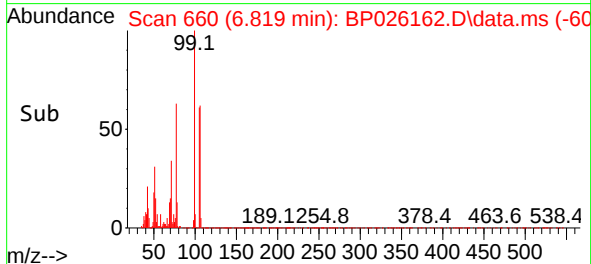
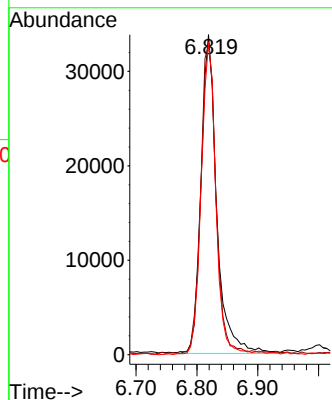
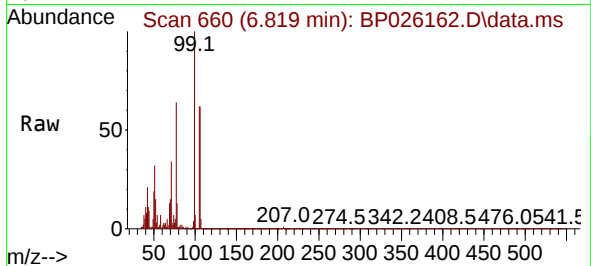




#9
Benzaldehyde
Concen: 5.341 ng
RT: 6.819 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

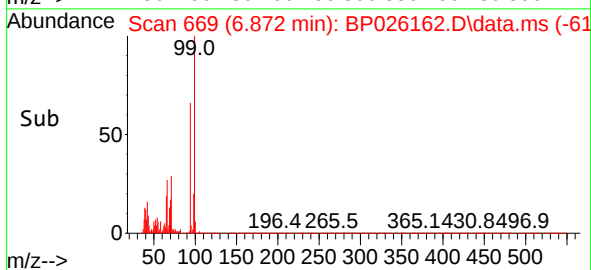
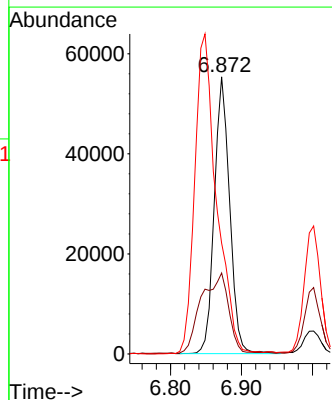
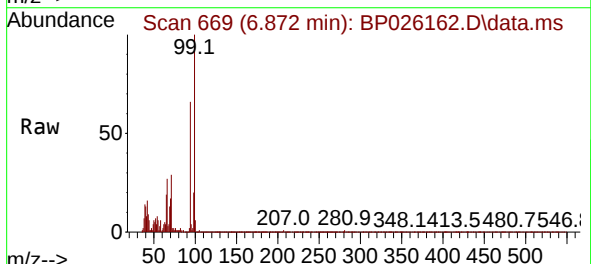
Instrument :
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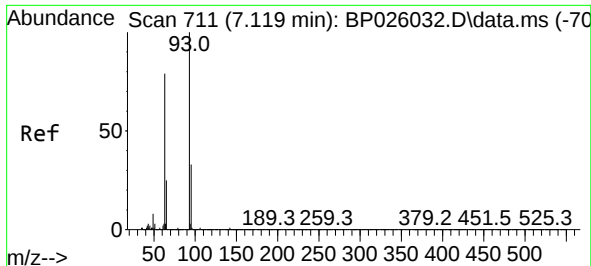
Tgt Ion: 77 Resp: 60638
Ion Ratio Lower Upper
77 100
105 96.7 82.9 122.9
106 97.7 77.8 117.8



#10
Phenol
Concen: 3.558 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 94 Resp: 83044
Ion Ratio Lower Upper
94 100
65 29.2 7.0 47.0
66 40.0 14.5 54.5

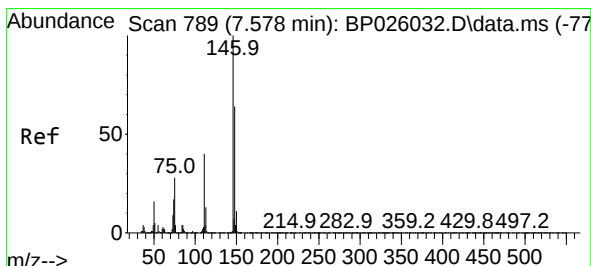
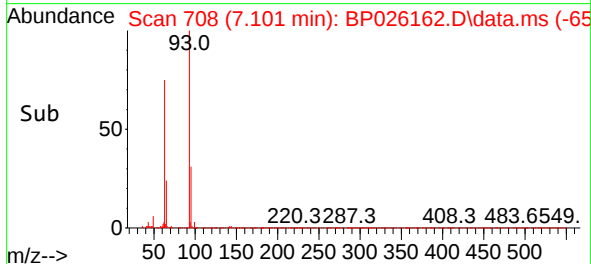
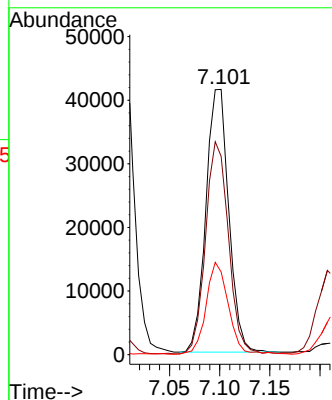
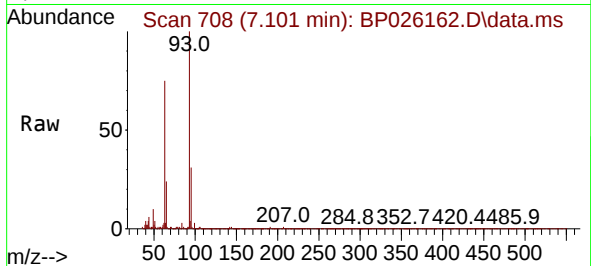




#11
bis(2-Chloroethyl)ether
Concen: 3.592 ng
RT: 7.101 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

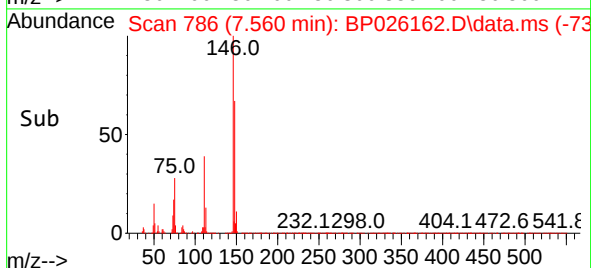
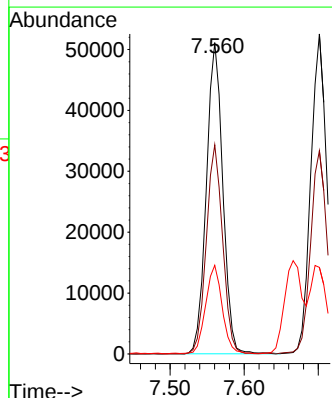
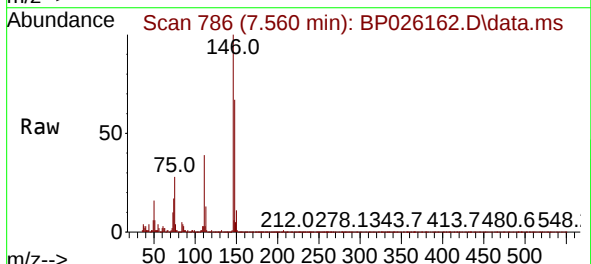
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

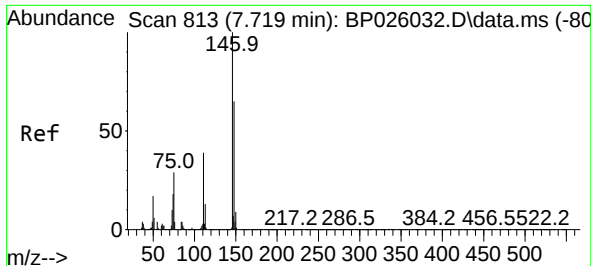
Tgt Ion: 93	Resp: 65626
Ion Ratio	Lower Upper
93 100	
63 74.8	58.8 98.8
95 31.2	12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 3.785 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt	Ion:146	Resp:	78975
Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.8	77.8
75	28.5	22.2	33.2

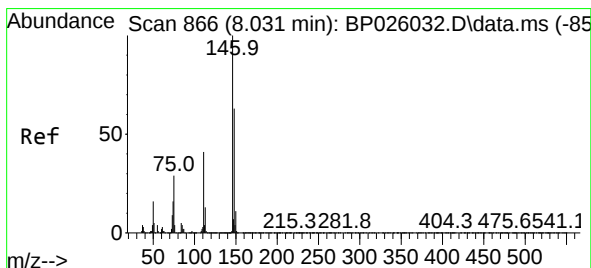
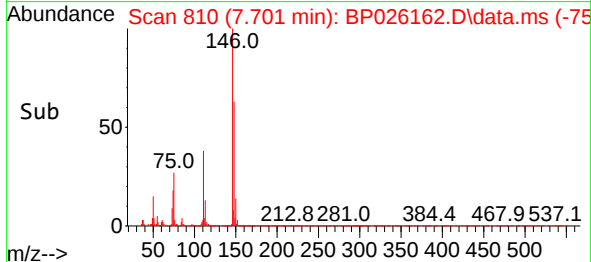
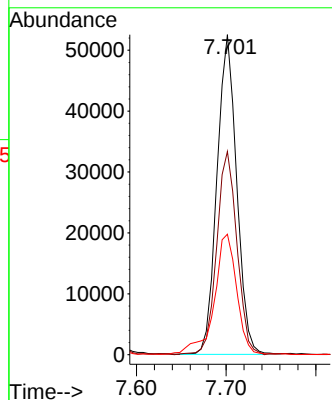
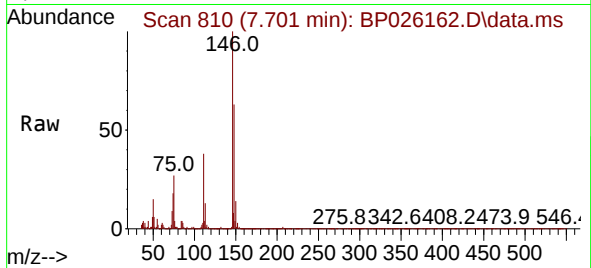




#13
1,4-Dichlorobenzene
Concen: 3.810 ng
RT: 7.701 min Scan# 813
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

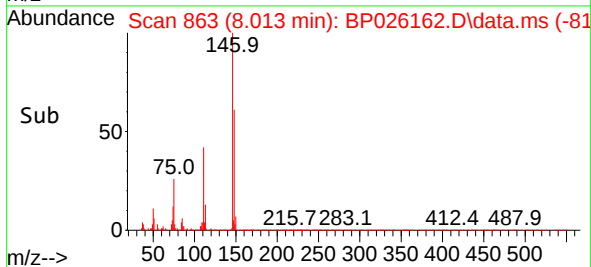
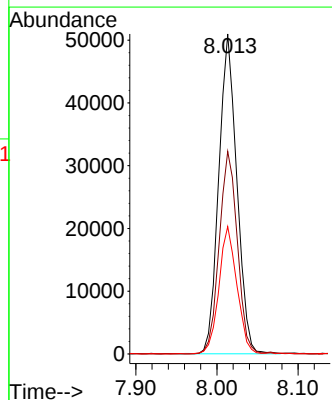
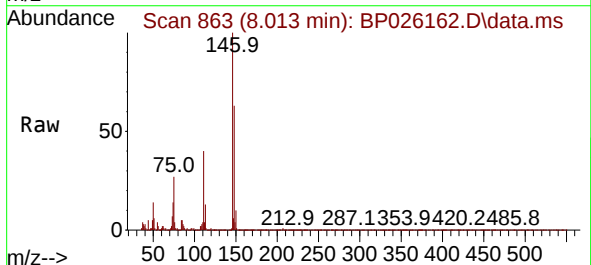
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

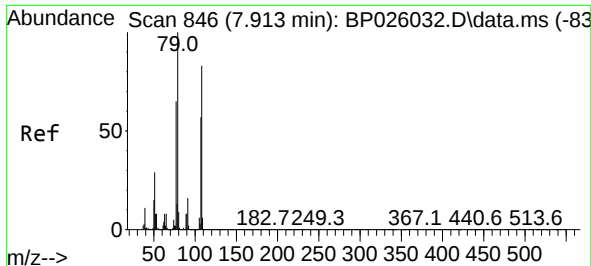
Tgt Ion:146 Resp: 80103
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 37.7 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 3.916 ng
RT: 8.013 min Scan# 863
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:146 Resp: 79063
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 39.8 33.0 49.4

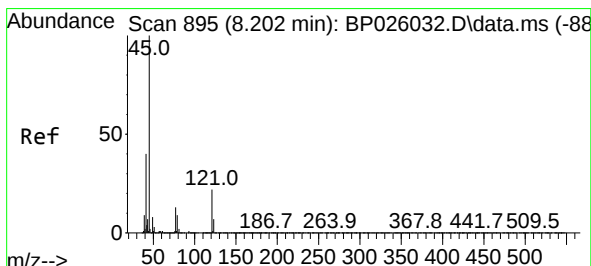
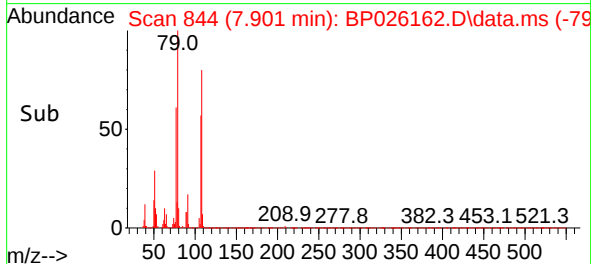
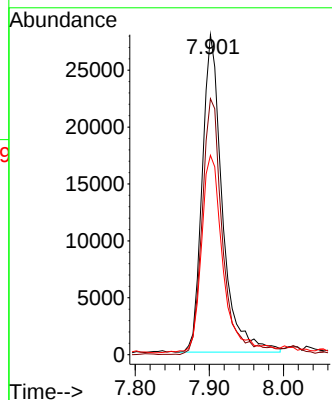
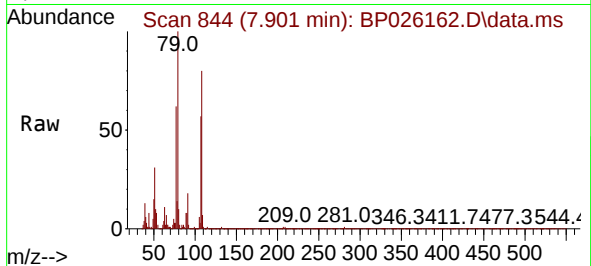




#15
Benzyl Alcohol
Concen: 3.321 ng
RT: 7.901 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

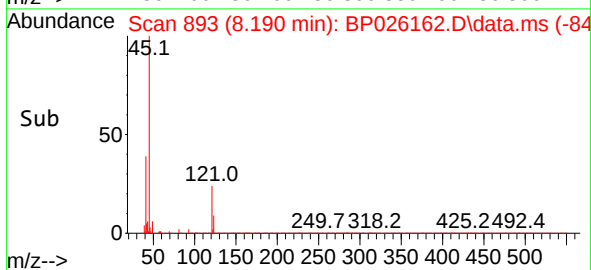
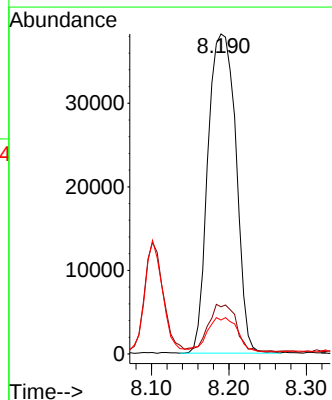
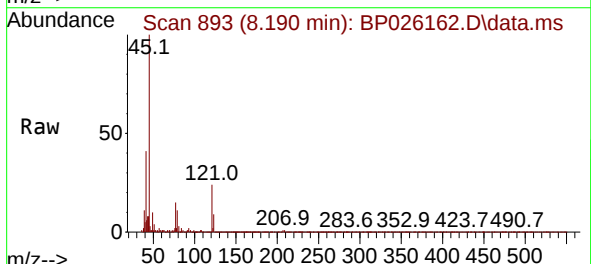
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

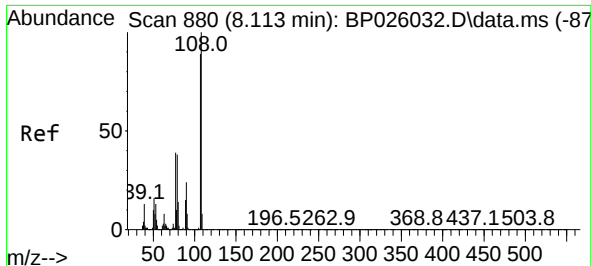
Tgt Ion: 79 Resp: 52711
Ion Ratio Lower Upper
79 100
108 80.0 66.2 99.4
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.728 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 45 Resp: 95675
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.9
79 10.6 0.0 30.4

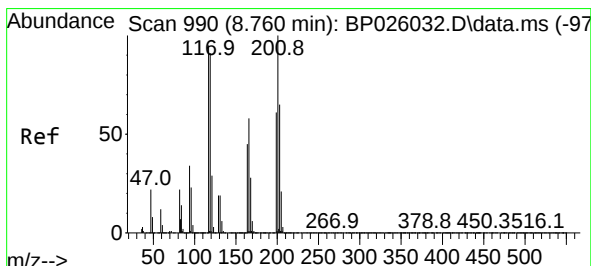
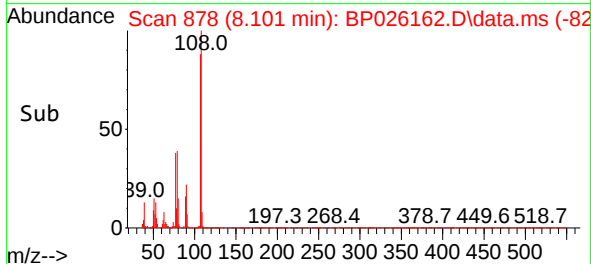
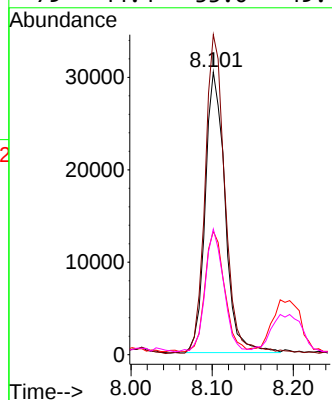
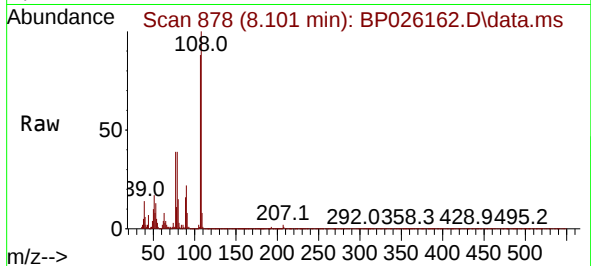




#17
2-Methylphenol
Concen: 3.238 ng
RT: 8.101 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

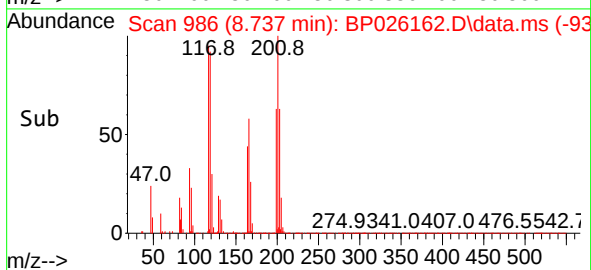
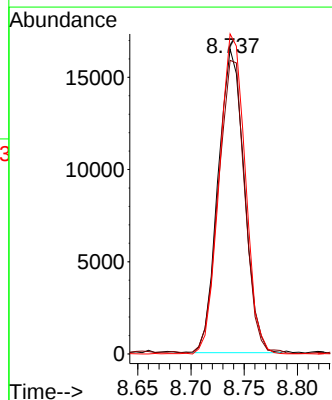
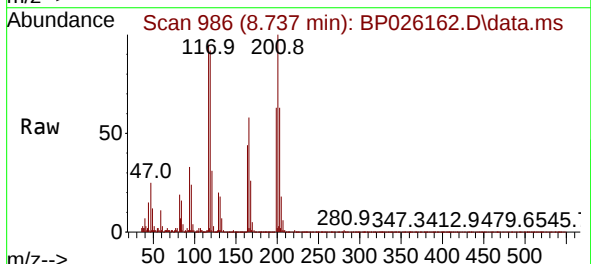
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

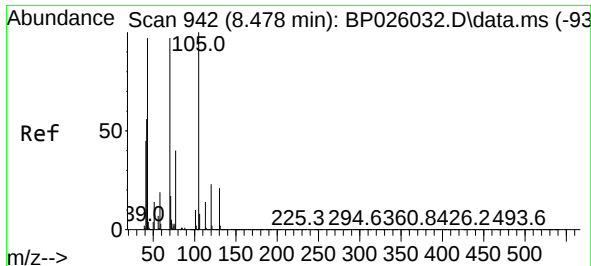
Tgt Ion:	107	Resp:	51448
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.7	134.5
77	43.6	33.9	50.9
79	44.4	33.0	49.4



#18
Hexachloroethane
Concen: 3.678 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:	117	Resp:	28141
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.7	118.1
201	105.0	85.1	127.7

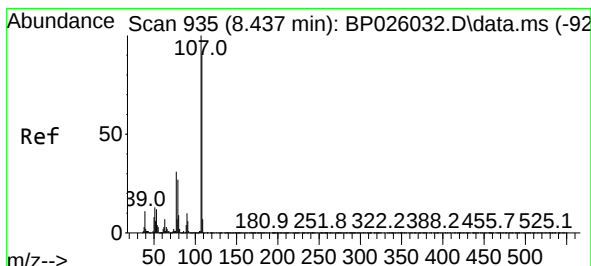
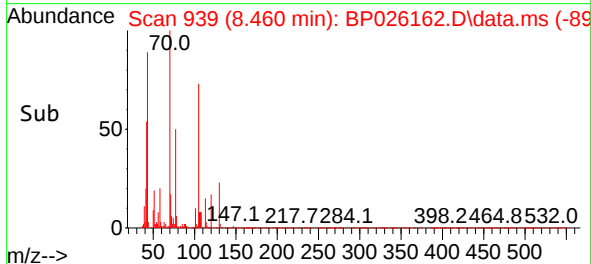
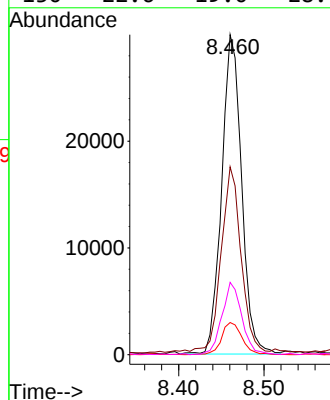
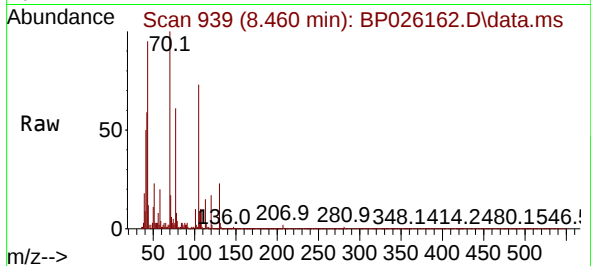




#19
n-Nitroso-di-n-propylamine
Concen: 3.614 ng
RT: 8.460 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

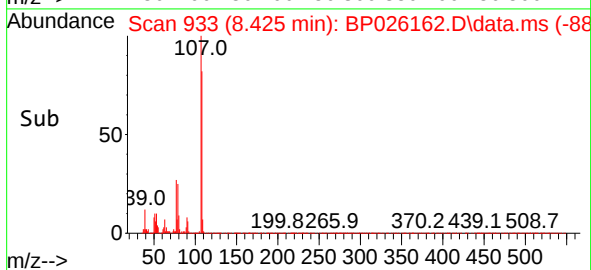
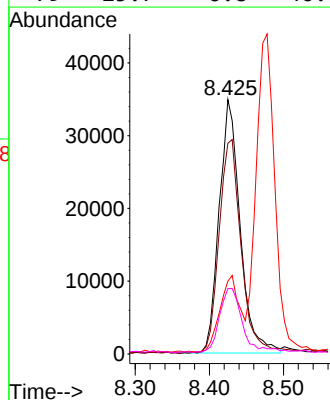
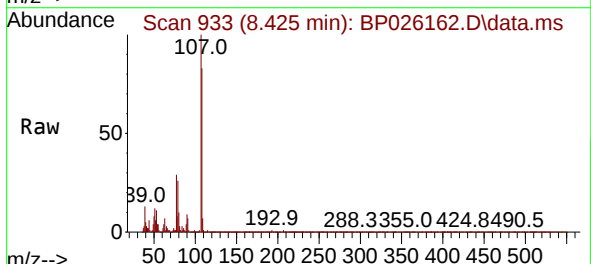
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

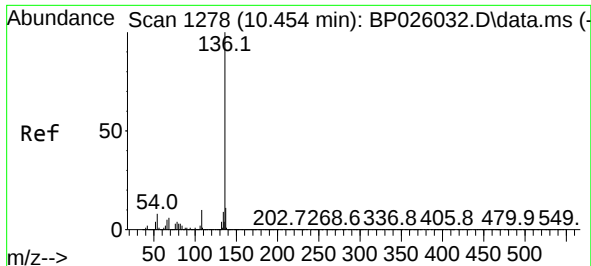
Tgt Ion:	70	Resp:	48642
Ion	Ratio	Lower	Upper
70	100		
42	58.7	44.1	66.1
101	10.0	8.2	12.4
130	22.6	19.0	28.4



#20
3+4-Methylphenols
Concen: 3.109 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:	107	Resp:	68449
Ion	Ratio	Lower	Upper
107	100		
108	82.8	68.9	108.9
77	28.6	10.4	50.4
79	25.7	6.8	46.8



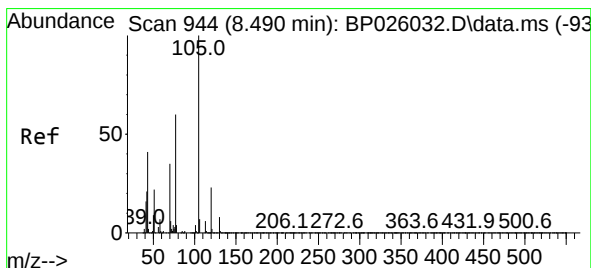
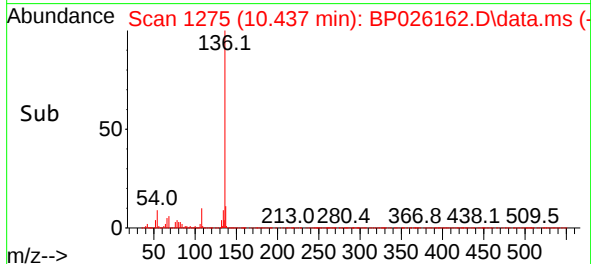
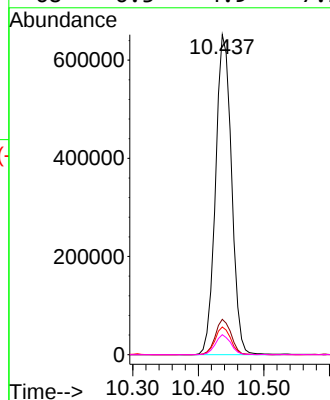
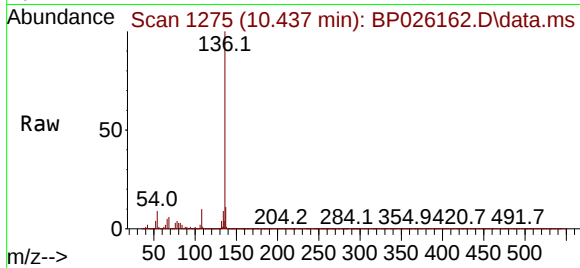


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:136 Resp: 1101014

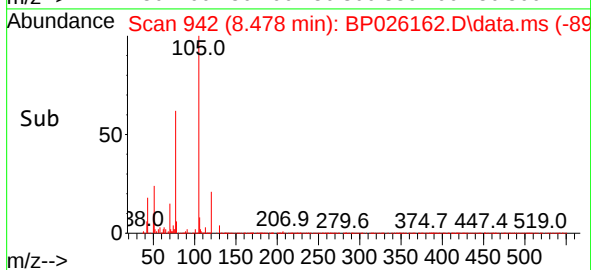
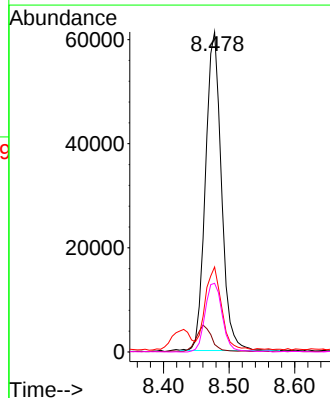
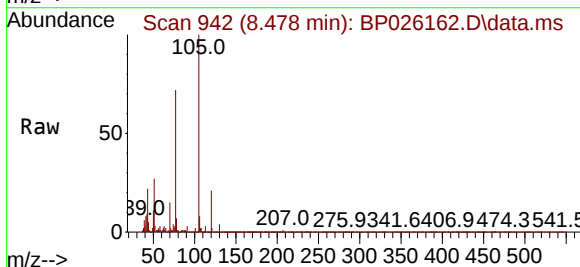
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.7	6.4	9.6
68	6.3	4.9	7.3

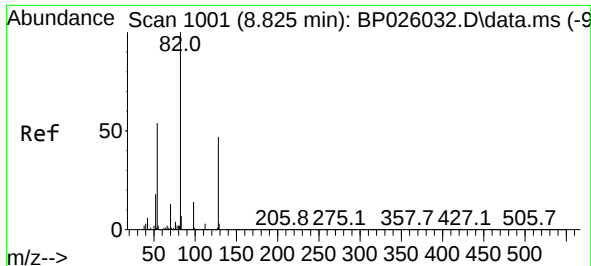


#22
Acetophenone
Concen: 3.690 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:105 Resp: 103275

Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.0	4.4#
51	26.6	20.5	30.7
120	21.5	18.2	27.2

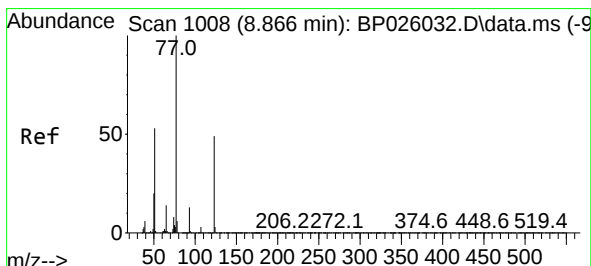
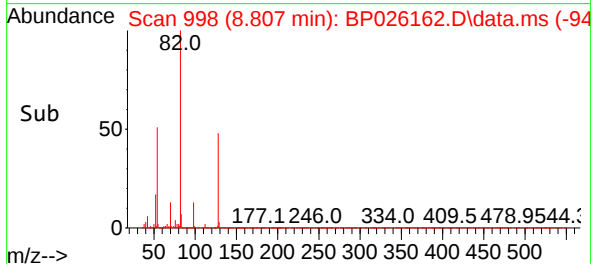
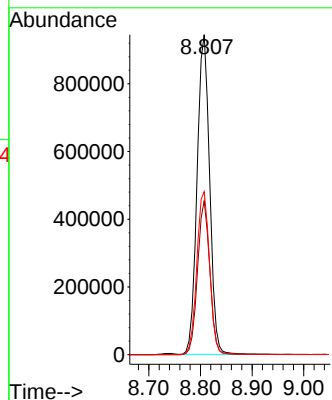
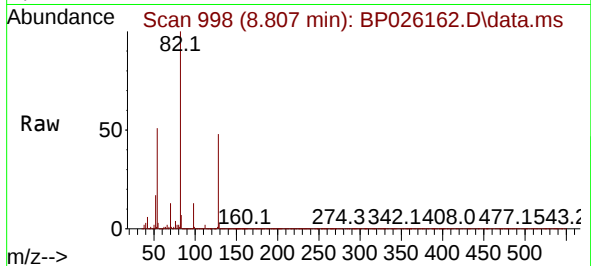




#23
Nitrobenzene-d5
Concen: 82.148 ng
RT: 8.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

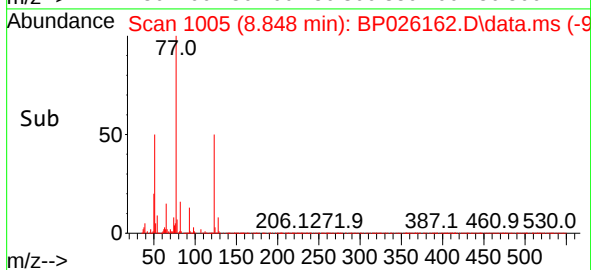
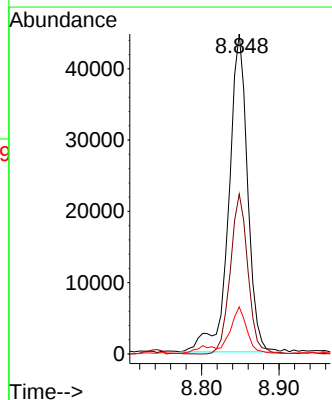
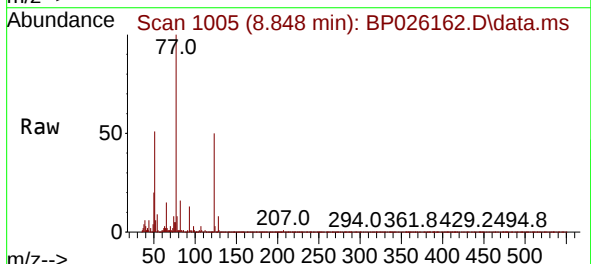
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

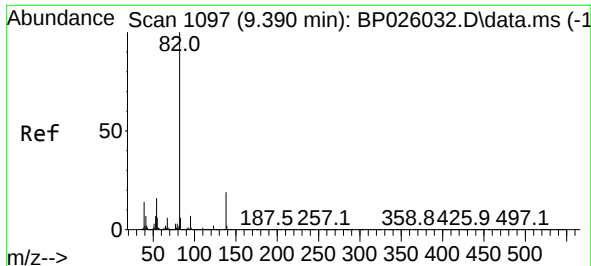
Tgt Ion: 82 Resp: 1592293
Ion Ratio Lower Upper
82 100
128 48.1 37.4 56.0
54 51.0 41.6 62.4



#24
Nitrobenzene
Concen: 3.840 ng
RT: 8.848 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 77 Resp: 75295
Ion Ratio Lower Upper
77 100
123 50.0 39.8 59.8
65 14.7 11.2 16.8





#25

Isophorone

Concen: 3.488 ng

RT: 9.372 min Scan# 1109

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

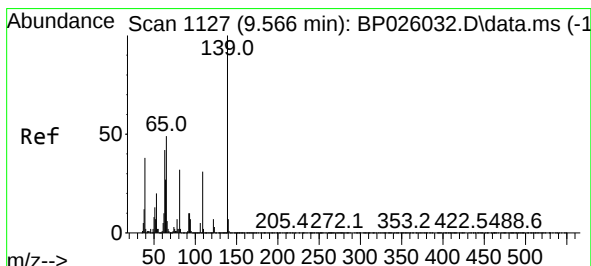
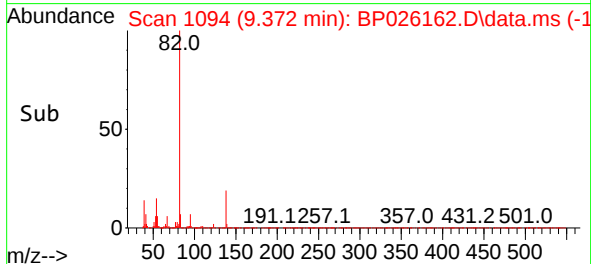
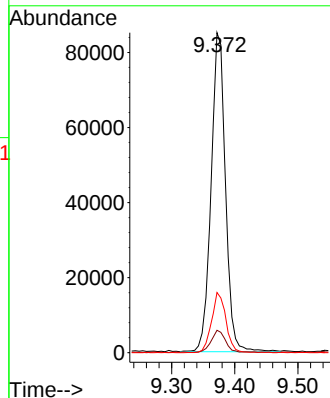
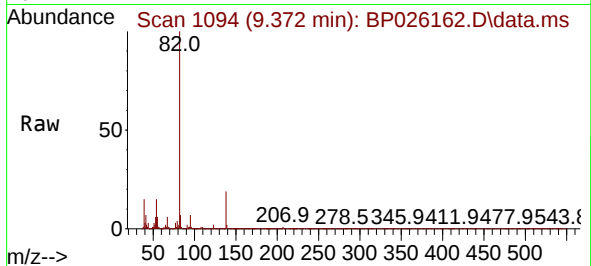
Tgt Ion: 82 Resp: 134031

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 18.8 15.4 23.0



#26

2-Nitrophenol

Concen: 2.765 ng

RT: 9.554 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

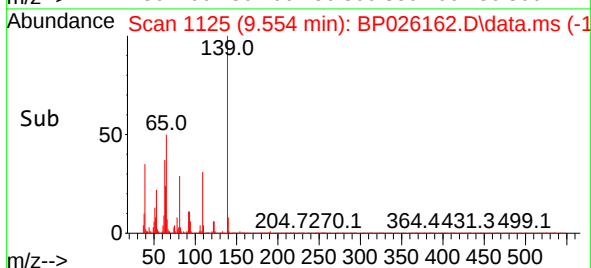
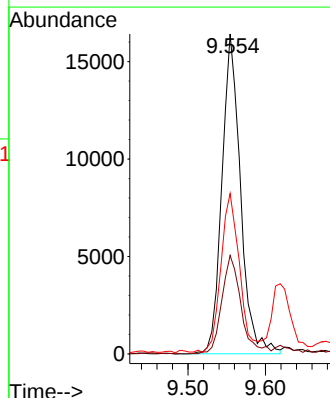
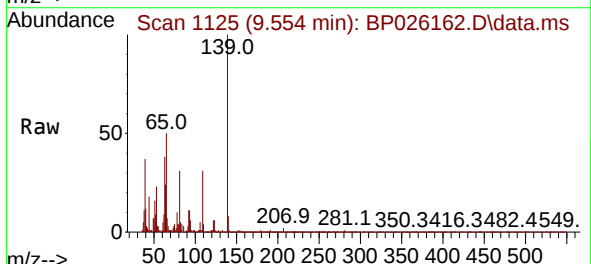
Tgt Ion:139 Resp: 27431

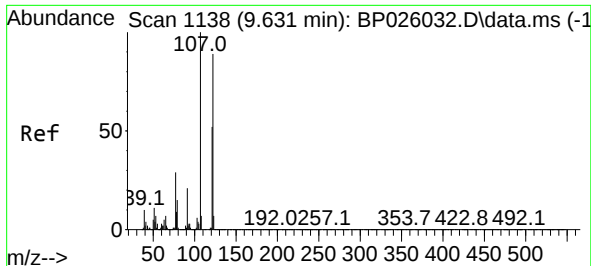
Ion Ratio Lower Upper

139 100

109 30.8 22.3 33.5

65 50.1 37.2 55.8

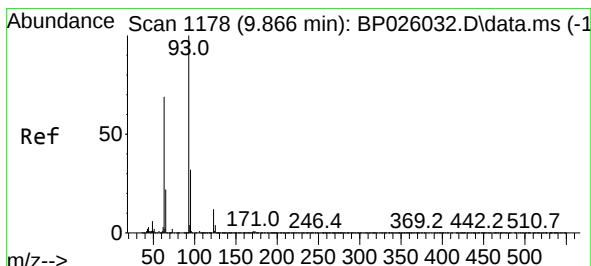
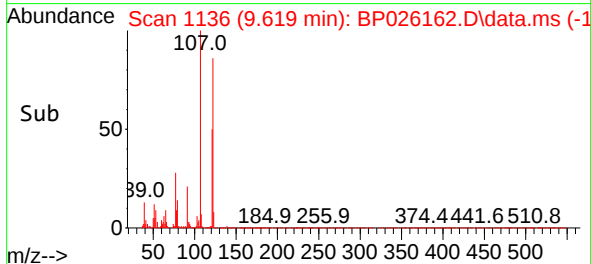
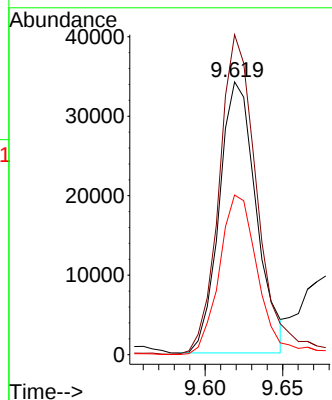
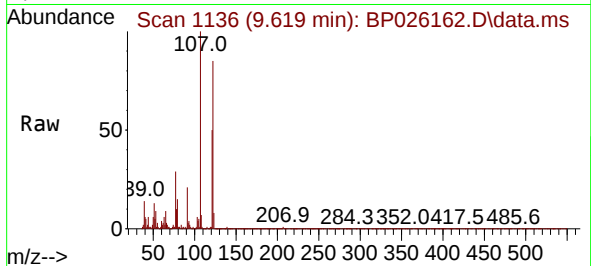




#27
2,4-Dimethylphenol
Concen: 3.168 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

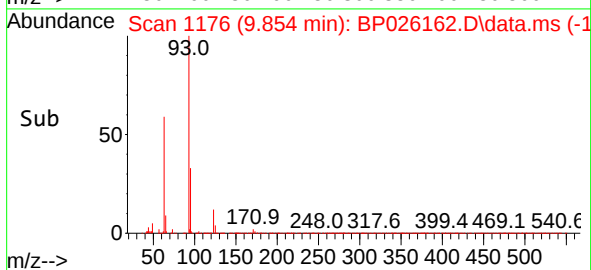
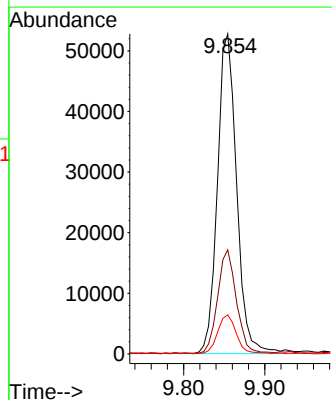
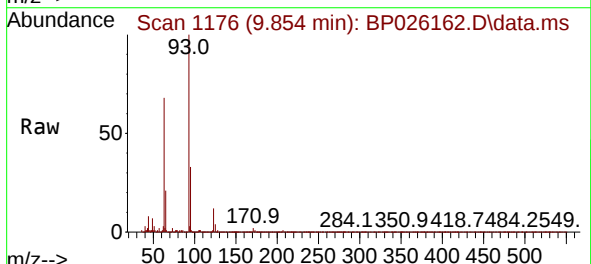
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

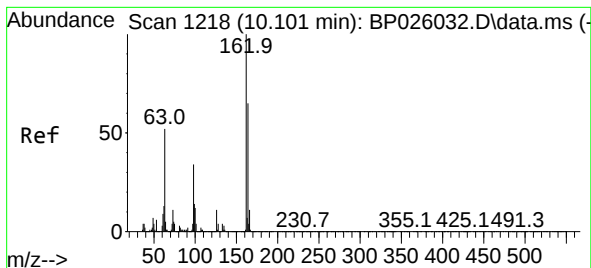
Tgt Ion:122 Resp: 56675
Ion Ratio Lower Upper
122 100
107 117.3 91.0 136.6
121 58.5 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.606 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 93 Resp: 86791
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 3.236 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

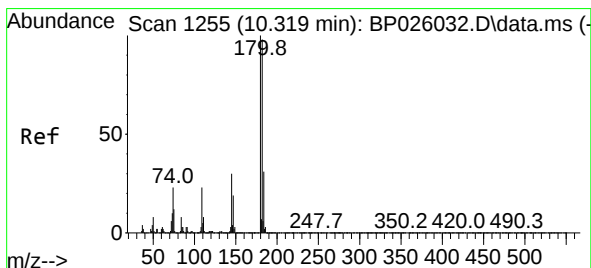
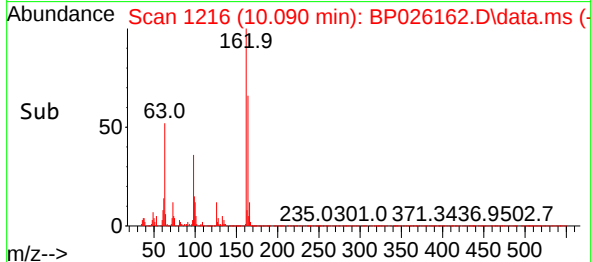
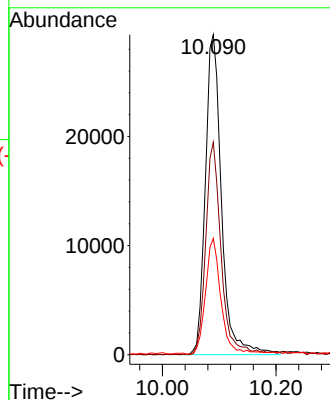
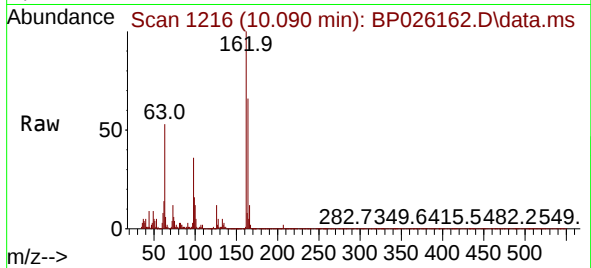
Tgt Ion:162 Resp: 57857

Ion Ratio Lower Upper

162 100

164 66.4 43.8 83.8

98 36.3 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 3.947 ng

RT: 10.301 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

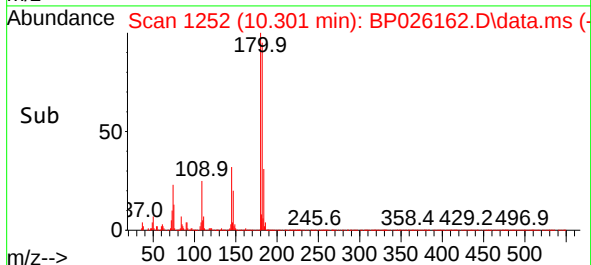
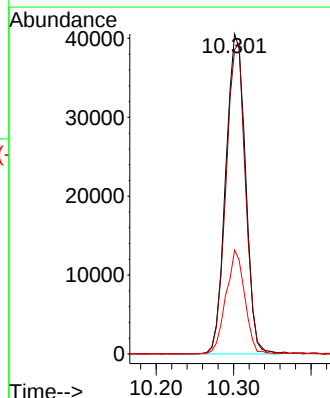
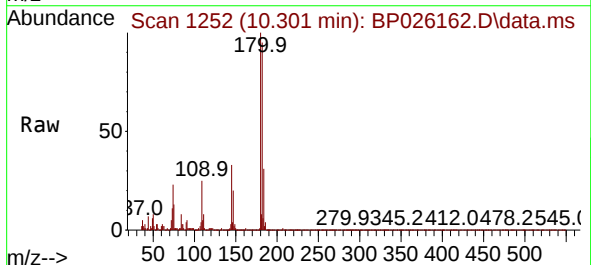
Tgt Ion:180 Resp: 71866

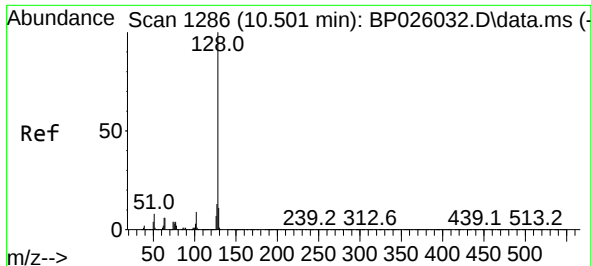
Ion Ratio Lower Upper

180 100

182 95.2 78.1 117.1

145 32.5 24.2 36.4

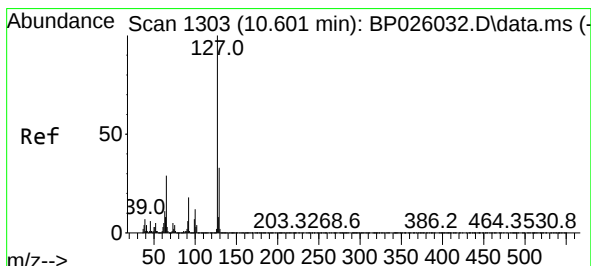
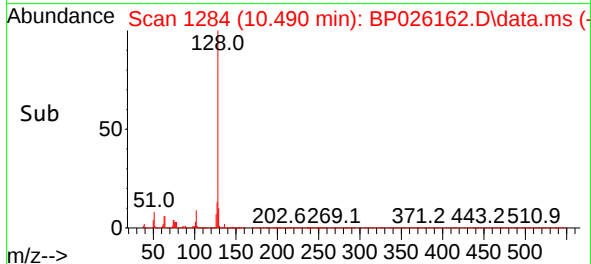
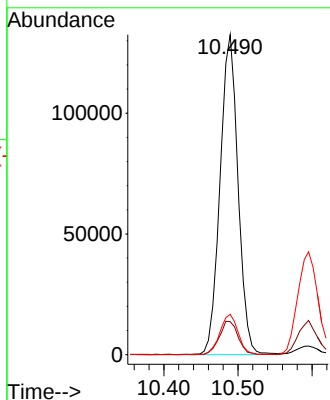
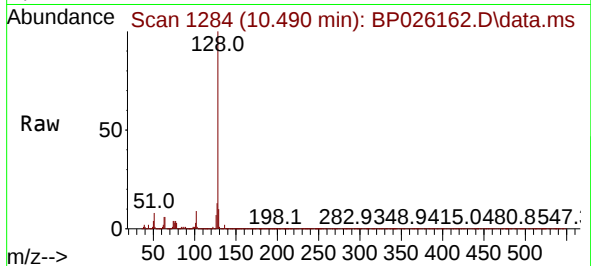




#31
Naphthalene
Concen: 3.742 ng
RT: 10.490 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

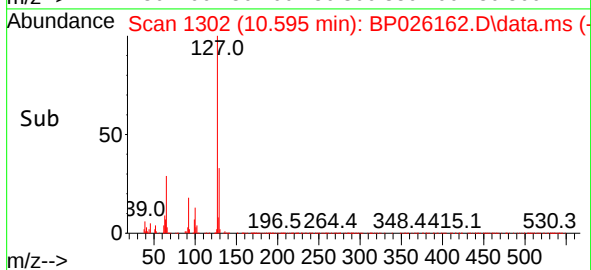
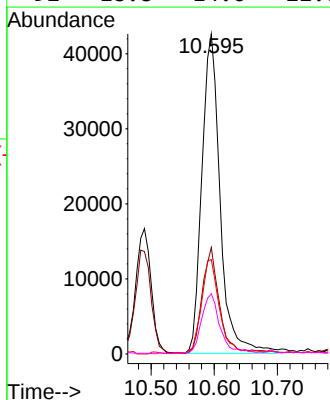
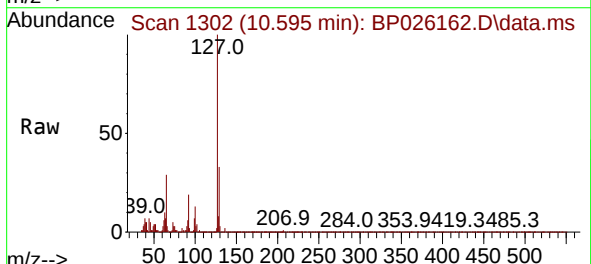
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

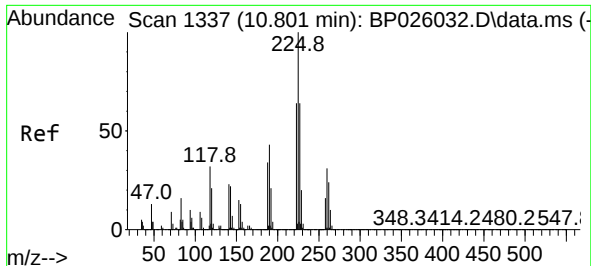
Tgt Ion:128 Resp: 222669
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 12.6 10.2 15.4



#33
4-Chloroaniline
Concen: 3.388 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:127 Resp: 85744
Ion Ratio Lower Upper
127 100
129 33.3 25.8 38.8
65 29.5 22.7 34.1
92 18.8 14.6 22.0

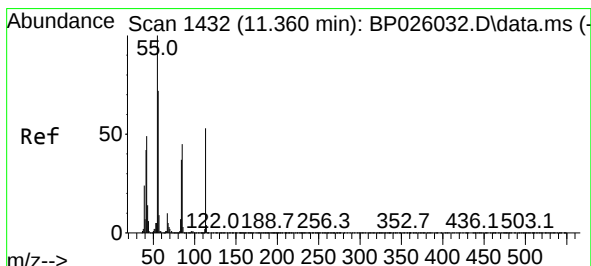
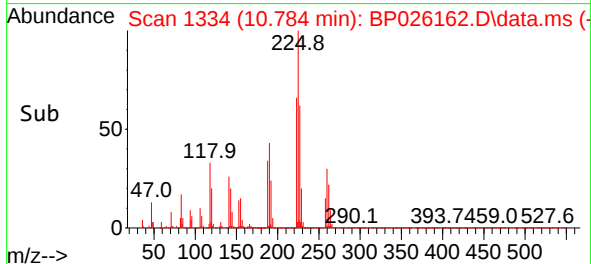
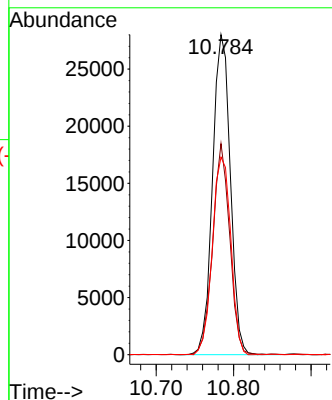
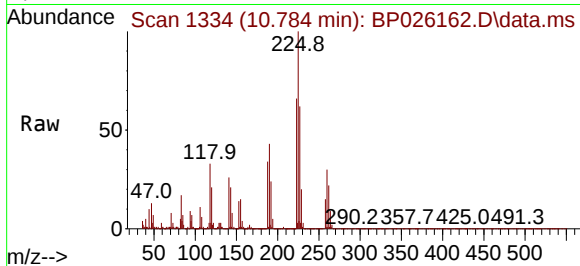




#34
Hexachlorobutadiene
Concen: 3.767 ng
RT: 10.784 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

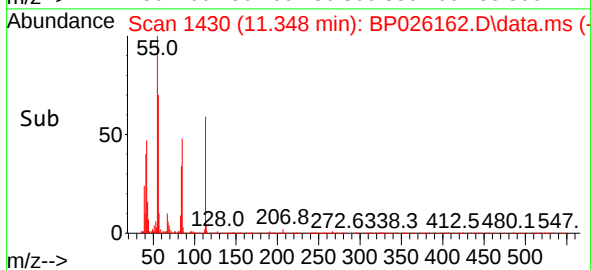
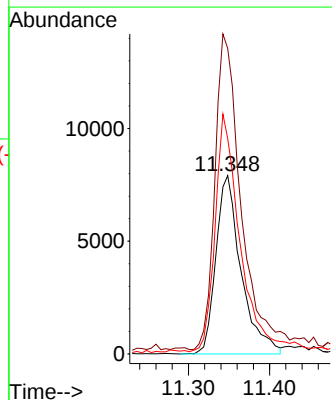
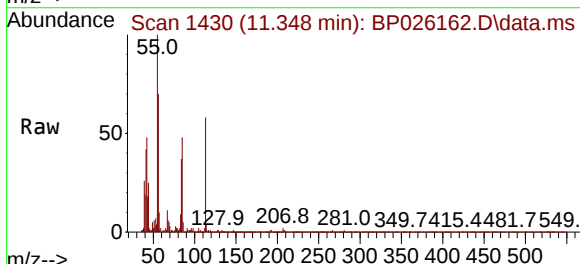
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

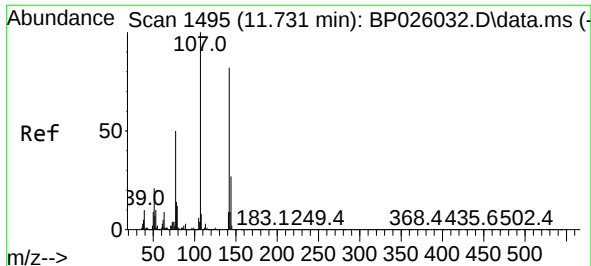
Tgt Ion:225 Resp: 44612
Ion Ratio Lower Upper
225 100
223 65.9 49.6 74.4
227 61.7 51.2 76.8



#35
Caprolactam
Concen: 2.667 ng
RT: 11.348 min Scan# 1430
Delta R.T. -0.029 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:113 Resp: 17074
Ion Ratio Lower Upper
113 100
55 171.3 153.0 193.0
56 120.7 106.4 146.4

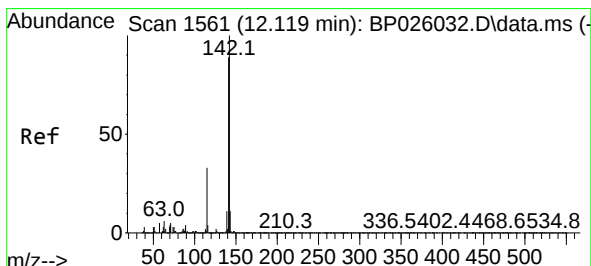
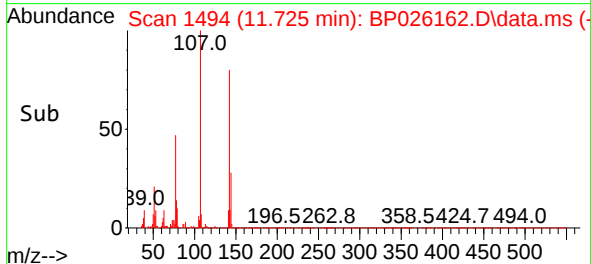
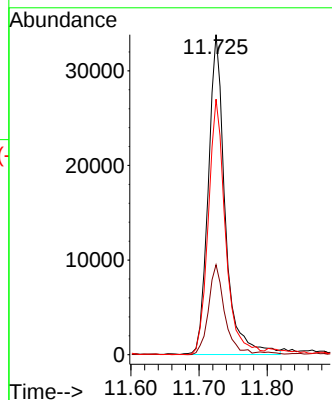
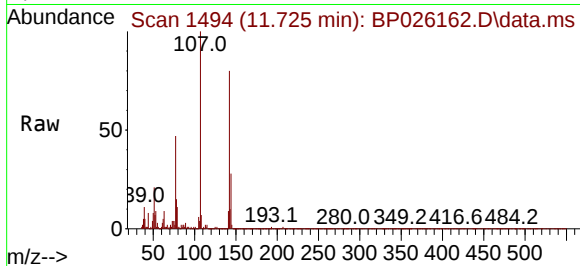




#36
4-Chloro-3-methylphenol
Concen: 3.073 ng
RT: 11.725 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

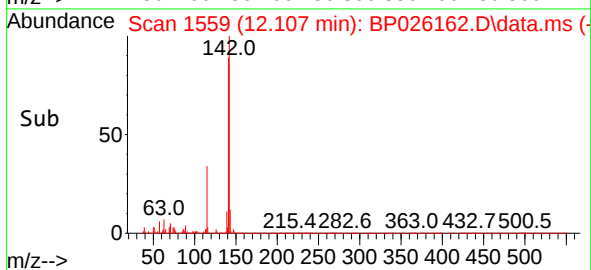
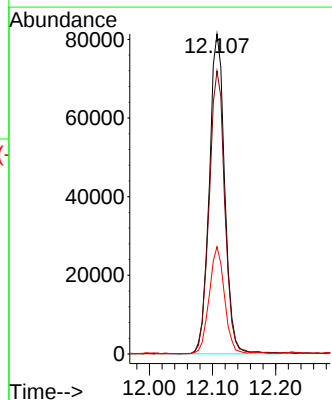
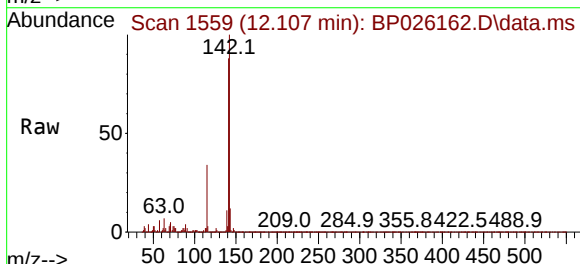
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

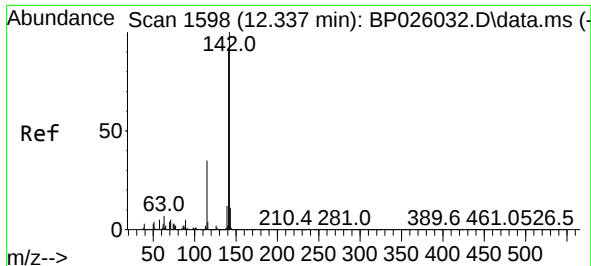
Tgt Ion:	107	Resp:	58404
Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.6	32.4
142	79.8	65.6	98.4



#37
2-Methylnaphthalene
Concen: 3.268 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:	142	Resp:	137849
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	33.5	26.6	39.8

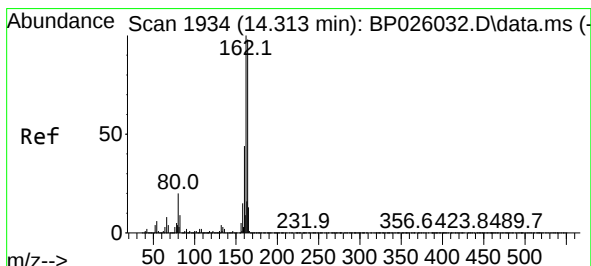
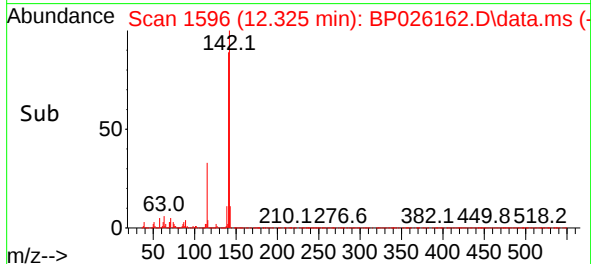
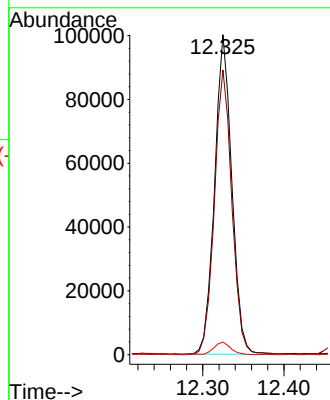
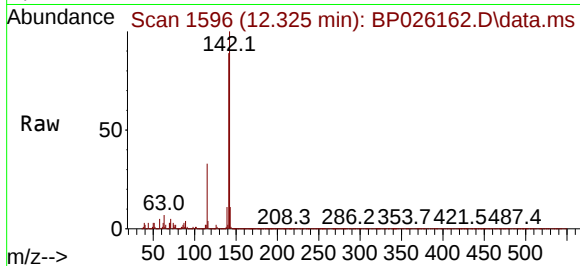




#38
1-Methylnaphthalene
Concen: 3.588 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

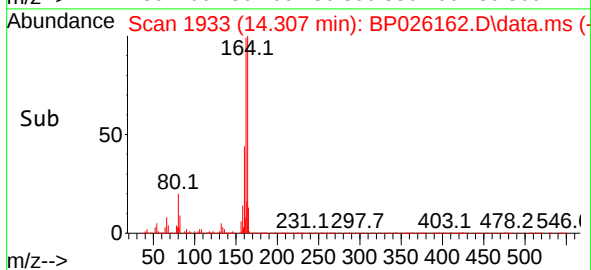
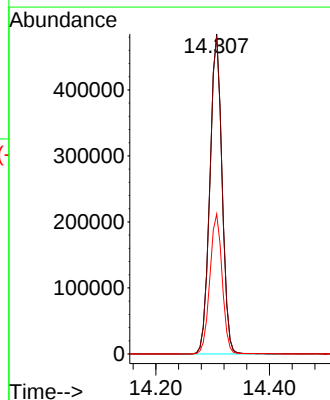
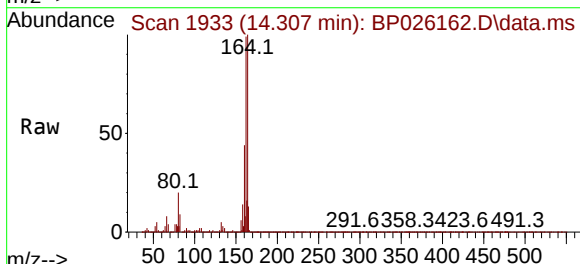
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

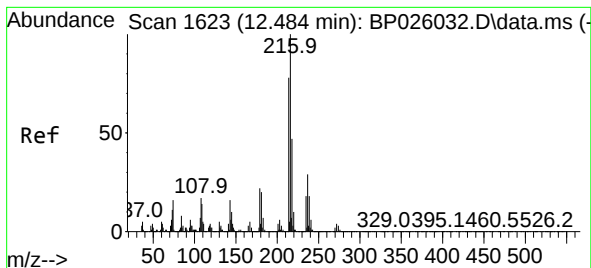
Tgt Ion:142 Resp: 147922
Ion Ratio Lower Upper
142 100
141 89.0 73.5 110.3
116 3.9 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:164 Resp: 715287
Ion Ratio Lower Upper
164 100
162 99.4 80.3 120.5
160 43.7 35.2 52.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.805 ng

RT: 12.478 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:216 Resp: 82291

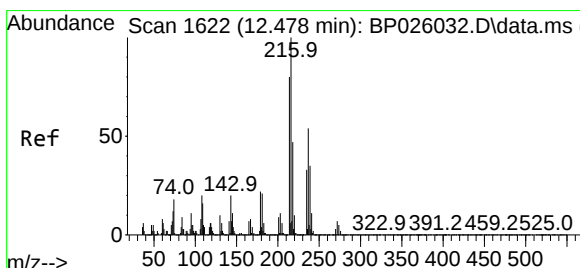
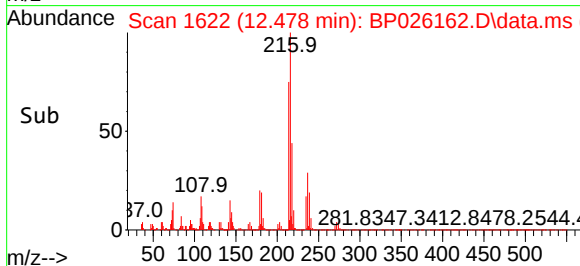
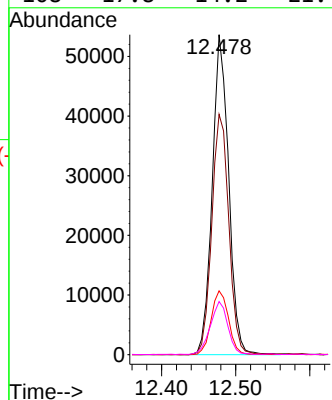
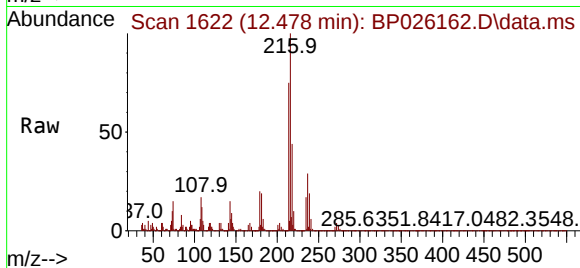
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 21.1 16.6 25.0

108 17.8 14.2 21.4



#41

Hexachlorocyclopentadiene

Concen: 3.227 ng

RT: 12.466 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

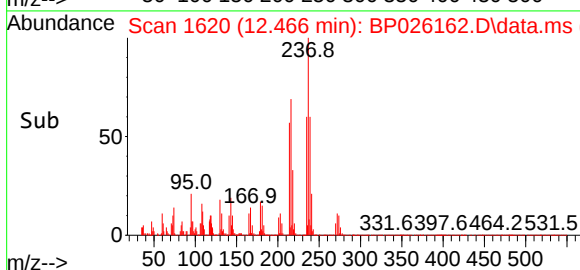
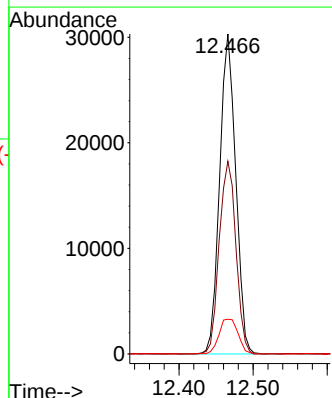
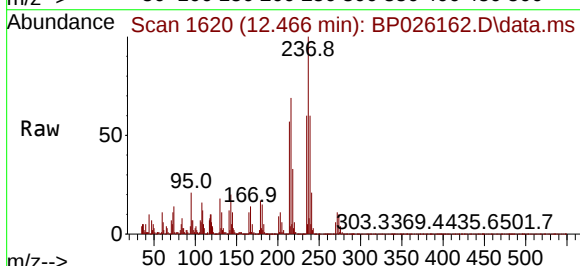
Tgt Ion:237 Resp: 45682

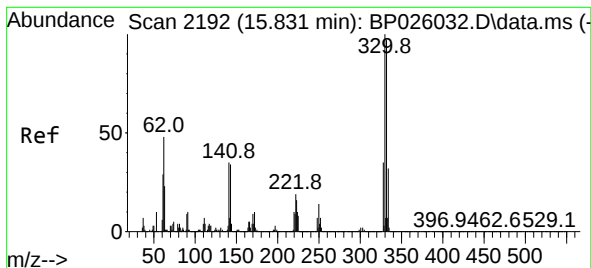
Ion Ratio Lower Upper

237 100

235 60.2 43.3 83.3

272 10.8 0.0 32.9





#42

2,4,6-Tribromophenol

Concen: 110.181 ng

RT: 15.819 min Scan# 2192

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

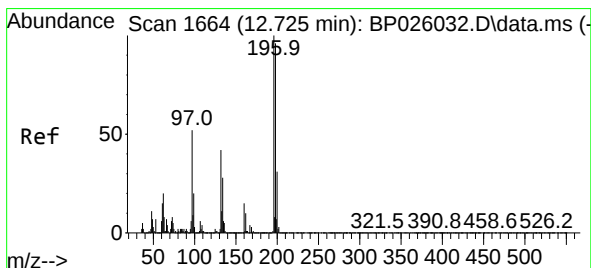
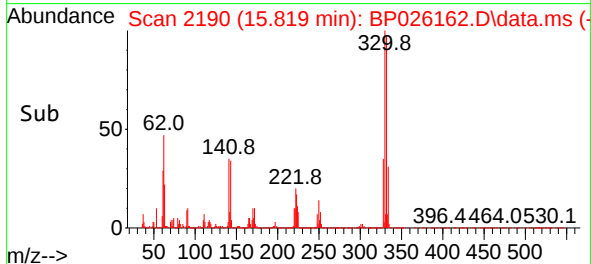
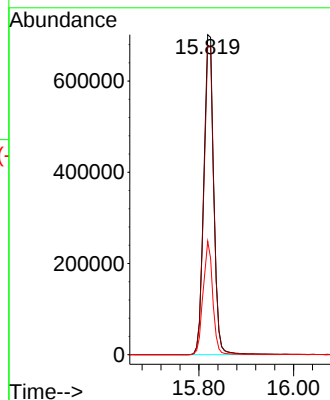
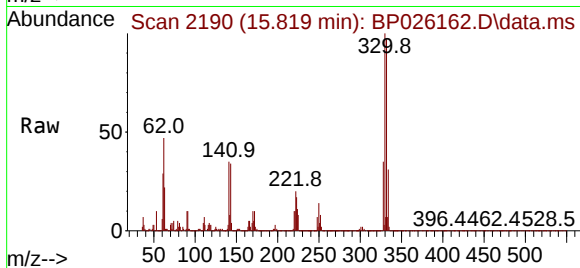
Tgt Ion:330 Resp: 1022372

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 34.2 26.8 40.2



#43

2,4,6-Trichlorophenol

Concen: 3.069 ng

RT: 12.725 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

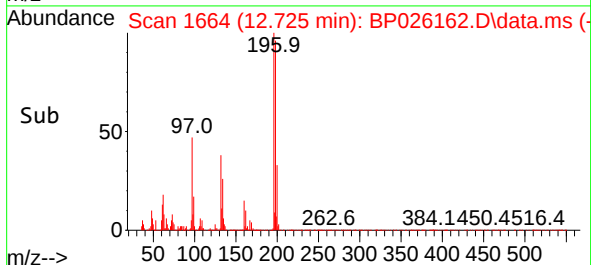
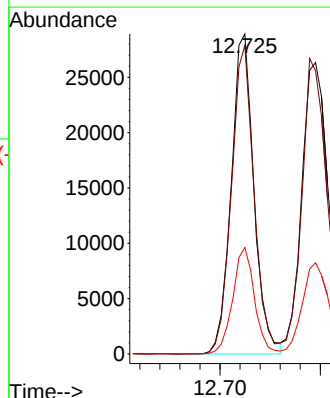
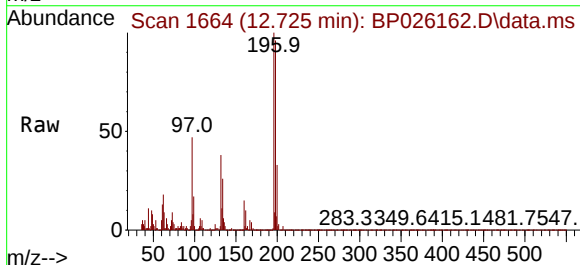
Tgt Ion:196 Resp: 45511

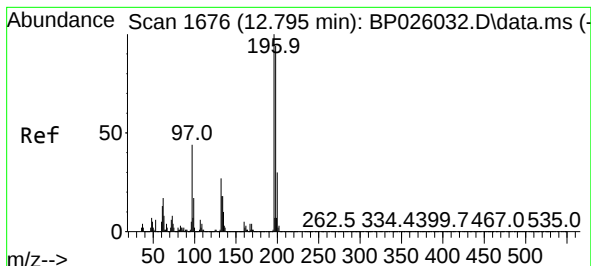
Ion Ratio Lower Upper

196 100

198 96.5 76.9 115.3

200 33.2 24.6 37.0





#44

2,4,5-Trichlorophenol

Concen: 2.924 ng

RT: 12.795 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:196 Resp: 48404

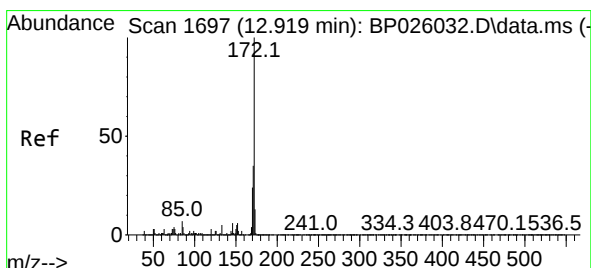
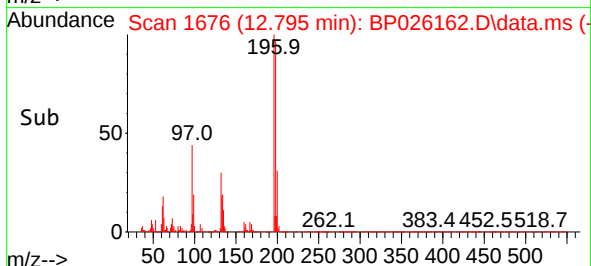
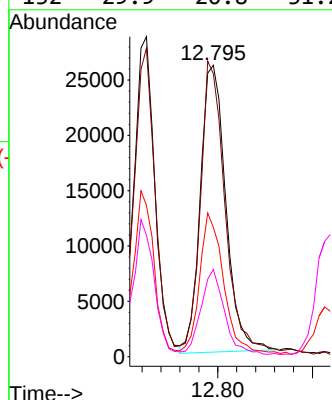
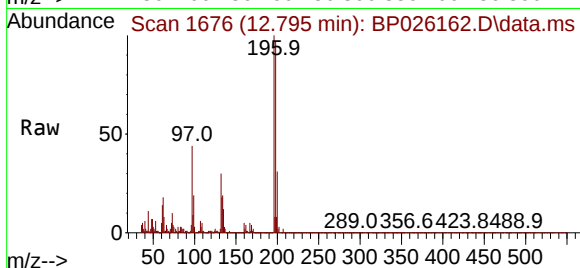
Ion Ratio Lower Upper

196 100

198 97.1 76.4 114.6

97 44.4 35.7 53.5

132 29.9 20.8 31.2



#45

2-Fluorobiphenyl

Concen: 82.407 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

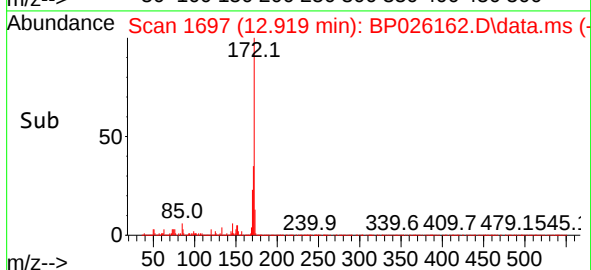
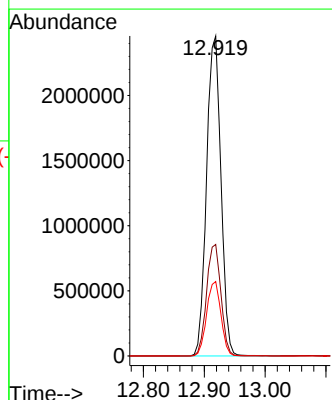
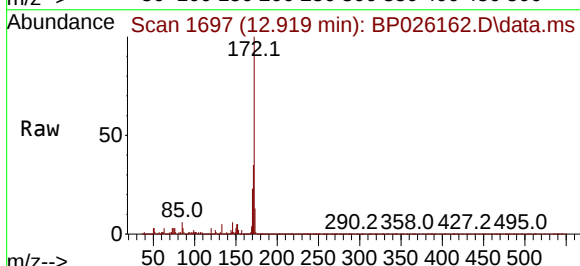
Tgt Ion:172 Resp: 4021890

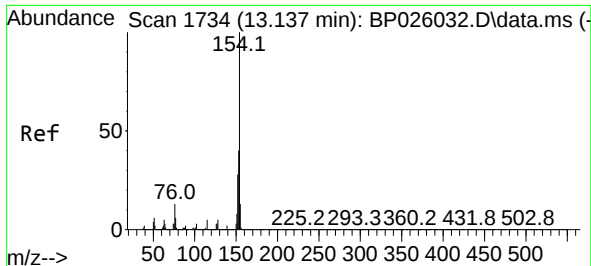
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.3 18.7 28.1

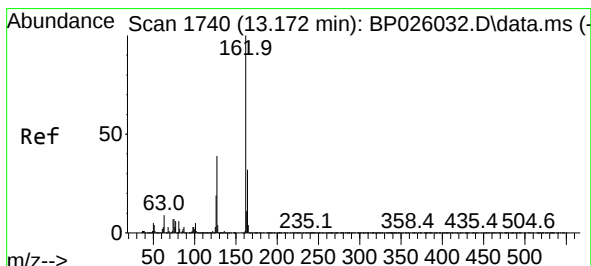
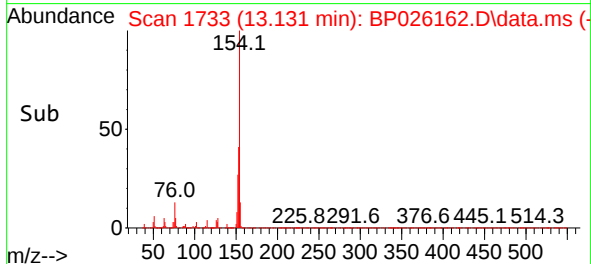
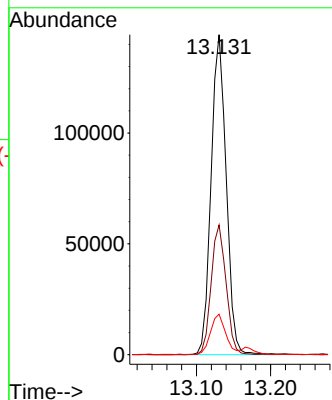
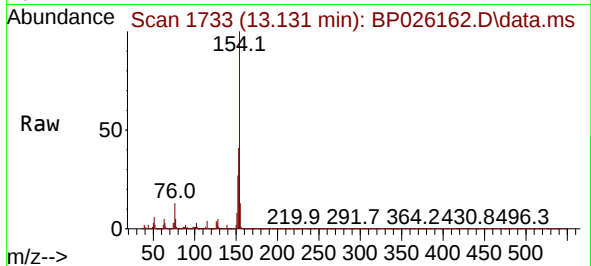




#46
1,1'-Biphenyl
Concen: 3.790 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

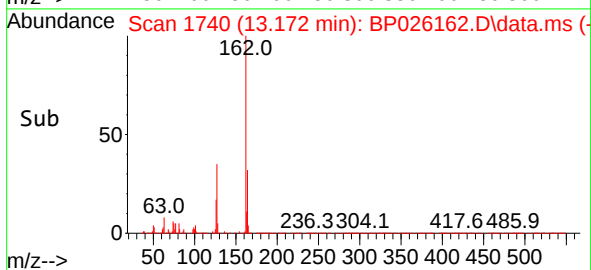
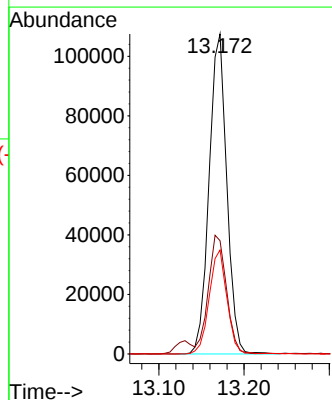
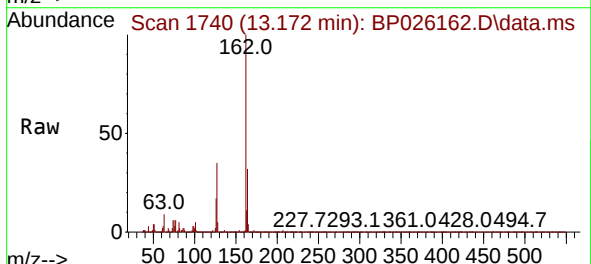
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

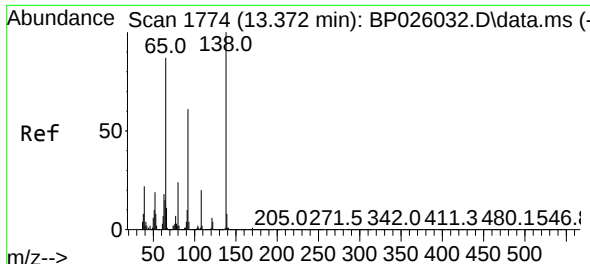
Tgt Ion:154 Resp: 204107
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.7 0.0 32.3



#47
2-Chloronaphthalene
Concen: 3.660 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:162 Resp: 155025
Ion Ratio Lower Upper
162 100
127 35.4 30.9 46.3
164 32.5 26.4 39.6

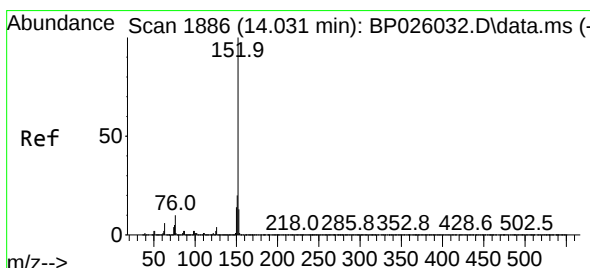
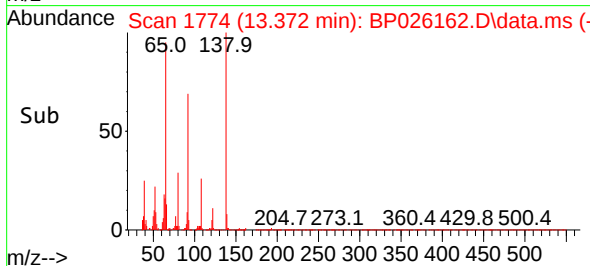
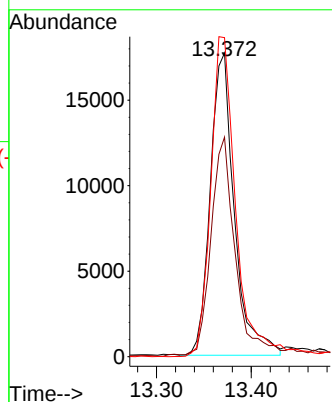
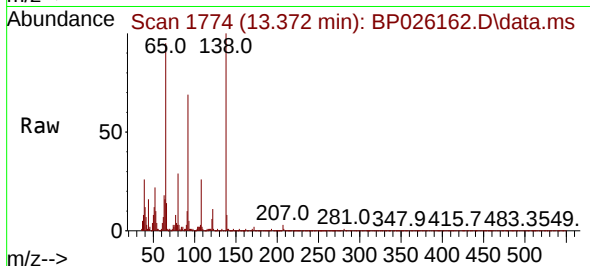




#48
2-Nitroaniline
Concen: 2.659 ng
RT: 13.372 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

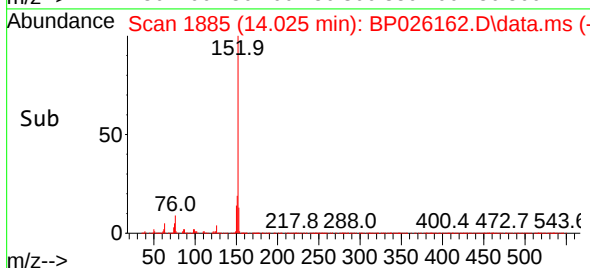
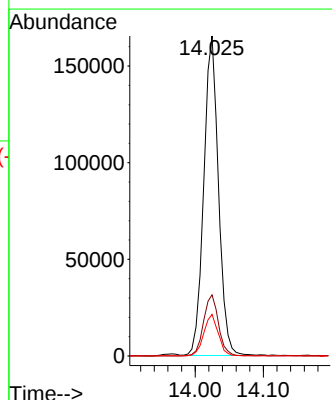
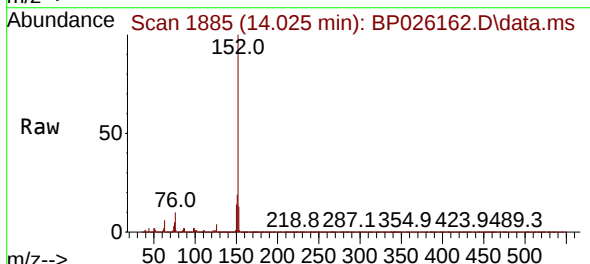
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

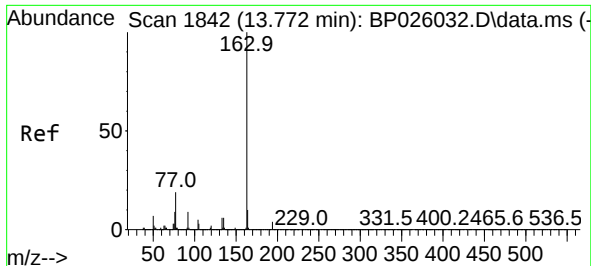
Tgt Ion:	65	Resp:	31315
Ion Ratio	Lower	Upper	
65	100		
92	72.3	59.1	88.7
138	105.0	96.6	145.0



#49
Acenaphthylene
Concen: 3.550 ng
RT: 14.025 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:	152	Resp:	247994
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.8	23.8
153	13.0	10.6	16.0

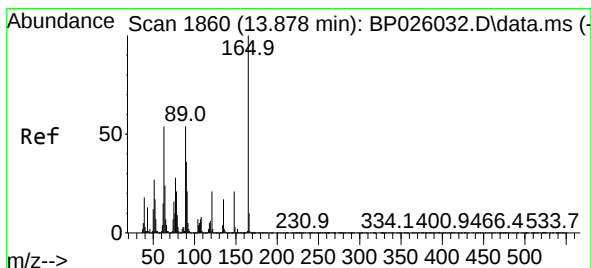
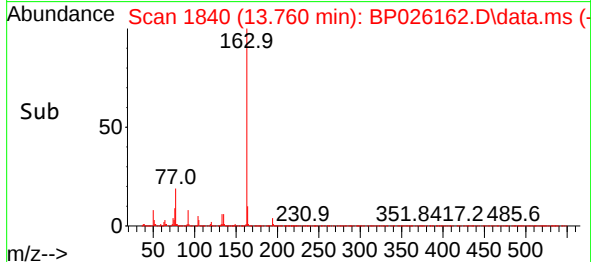
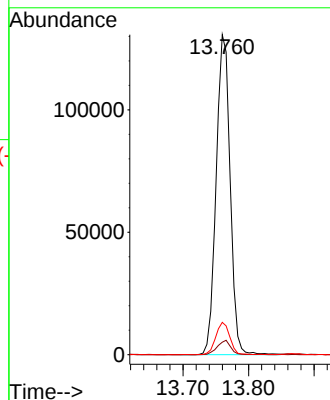
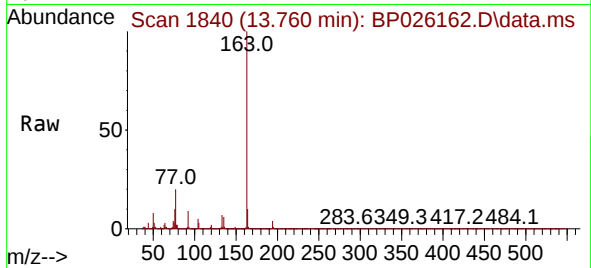




#50
Dimethylphthalate
Concen: 3.602 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

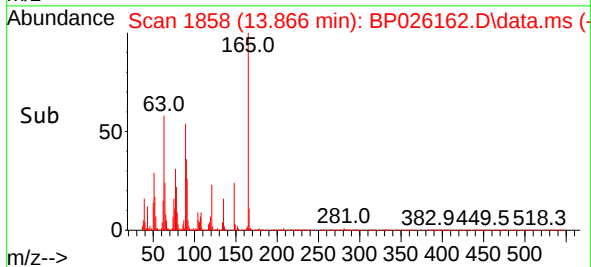
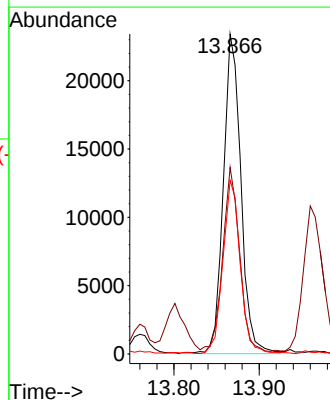
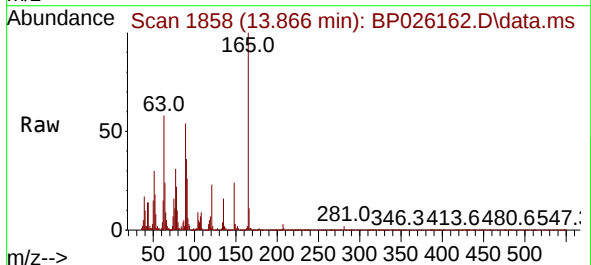
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

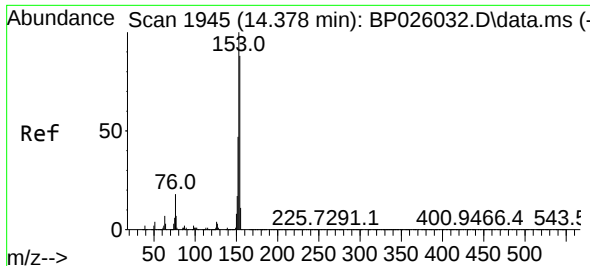
Tgt Ion:163 Resp: 192448
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.169 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:165 Resp: 33548
Ion Ratio Lower Upper
165 100
63 58.3 40.5 60.7
89 54.2 41.3 61.9

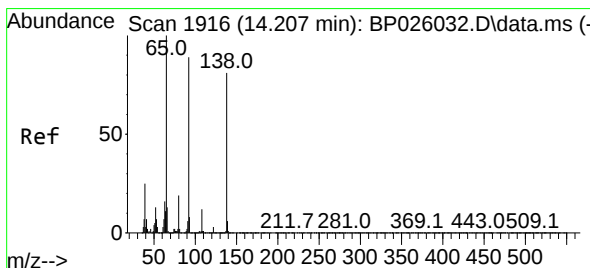
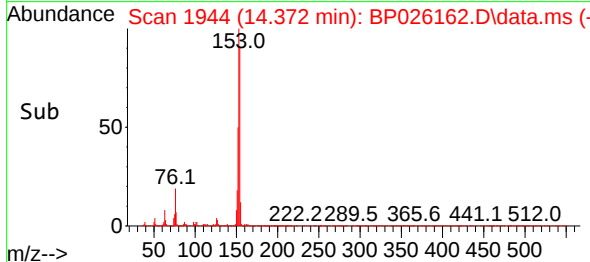
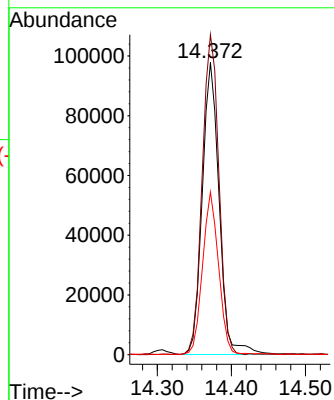
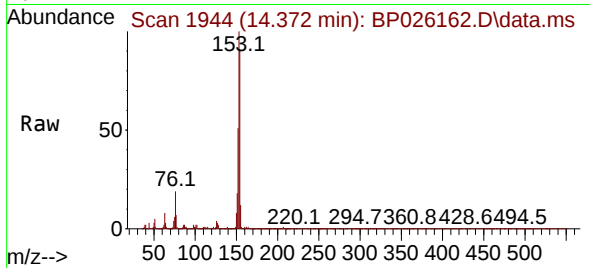




#52
Acenaphthene
Concen: 3.786 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

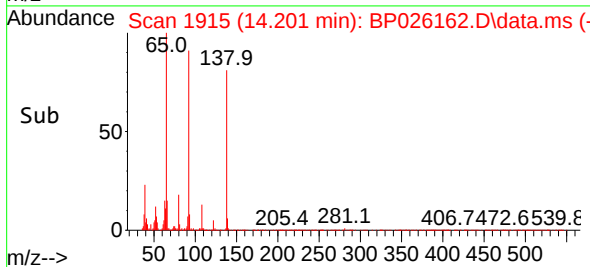
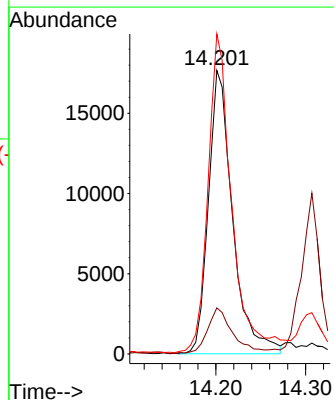
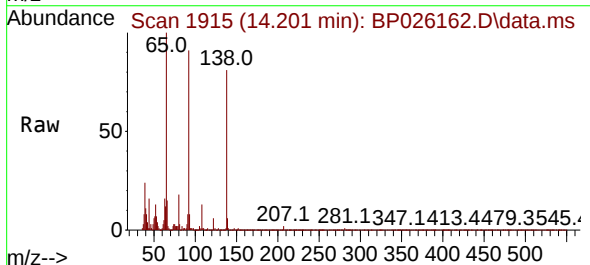
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

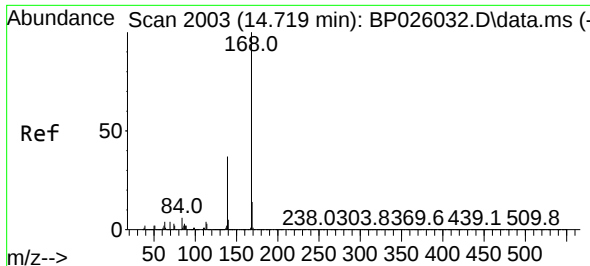
Tgt Ion:154 Resp: 154985
Ion Ratio Lower Upper
154 100
153 109.5 90.7 136.1
152 55.7 42.8 64.2



#53
3-Nitroaniline
Concen: 2.654 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:138 Resp: 33076
Ion Ratio Lower Upper
138 100
108 16.2 8.9 13.3#
92 112.9 86.3 129.5

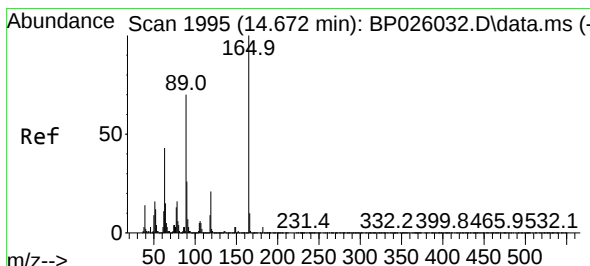
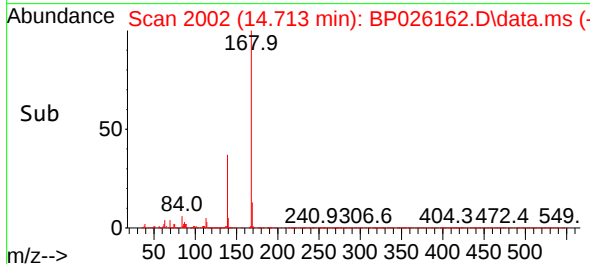
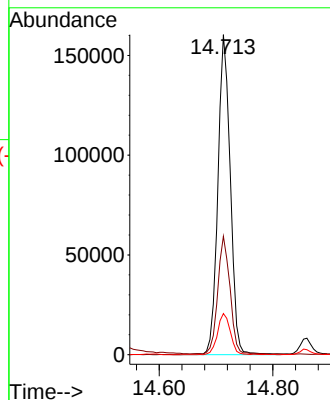
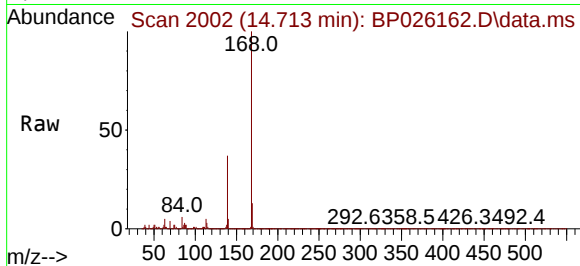




#55
Dibenzenofuran
Concen: 3.830 ng
RT: 14.713 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

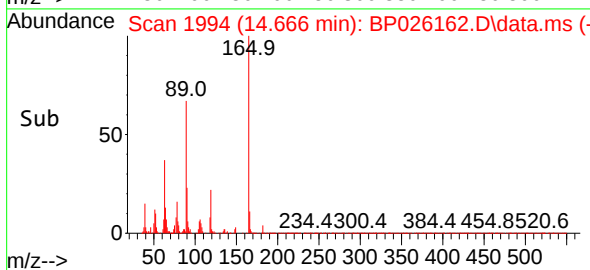
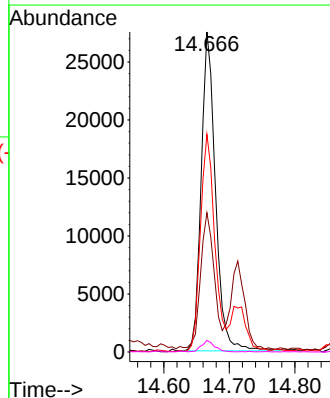
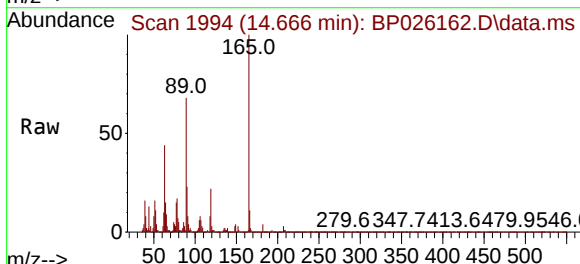
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

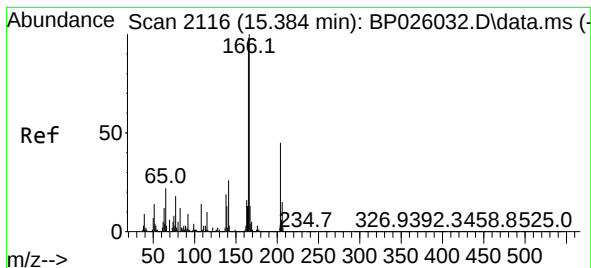
Tgt Ion:168 Resp: 242881
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 12.9 10.9 16.3



#57
2,4-Dinitrotoluene
Concen: 2.648 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:165 Resp: 41854
Ion Ratio Lower Upper
165 100
63 43.5 31.0 46.6
89 68.0 51.7 77.5
182 4.0 2.2 3.2#





#58

Fluorene

Concen: 3.822 ng

RT: 15.372 min Scan# 2116

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

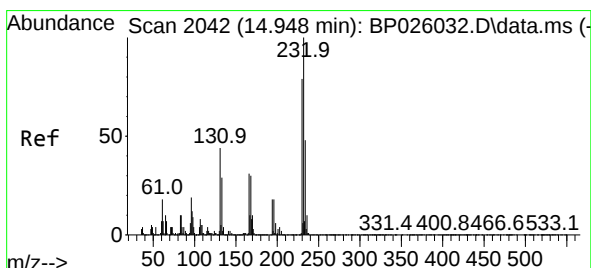
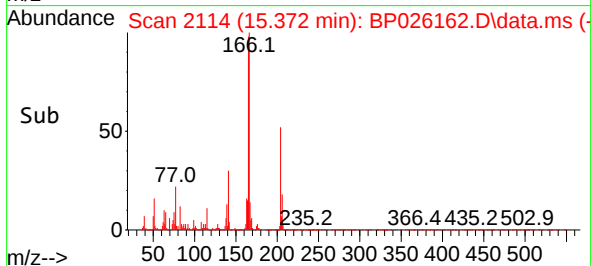
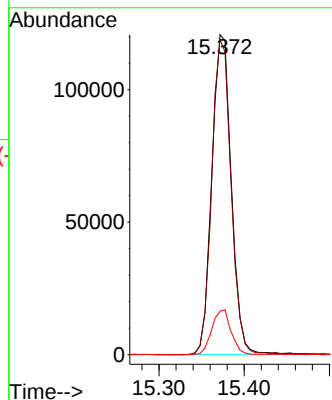
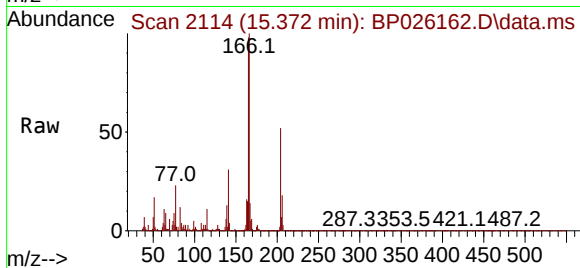
Tgt Ion:166 Resp: 191540

Ion Ratio Lower Upper

166 100

165 98.4 77.9 116.9

167 13.6 11.0 16.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.389 ng

RT: 14.942 min Scan# 2041

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion:232 Resp: 47586

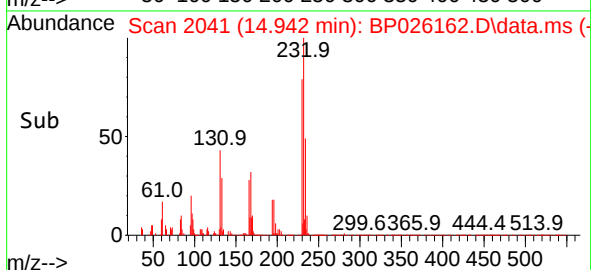
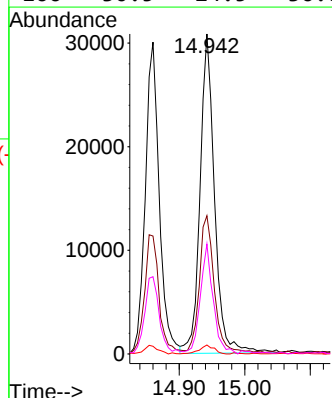
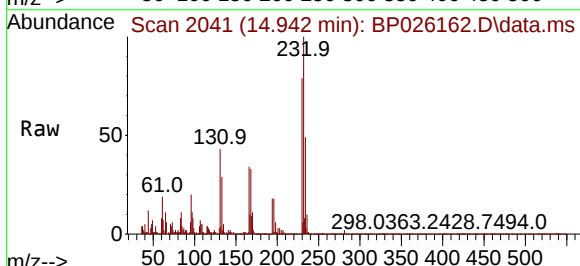
Ion Ratio Lower Upper

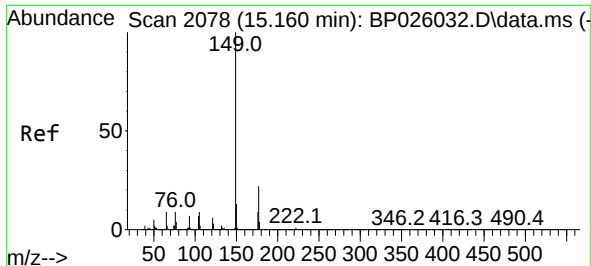
232 100

131 43.2 34.8 52.2

130 2.8 1.8 2.8#

166 30.5 24.5 36.7

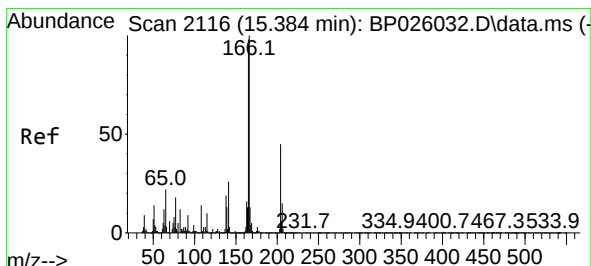
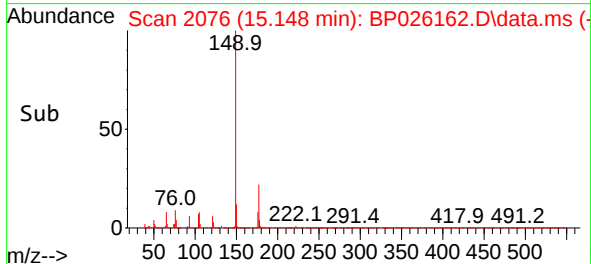
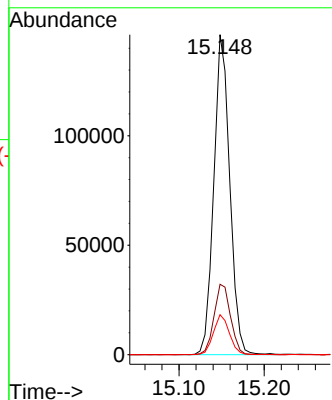
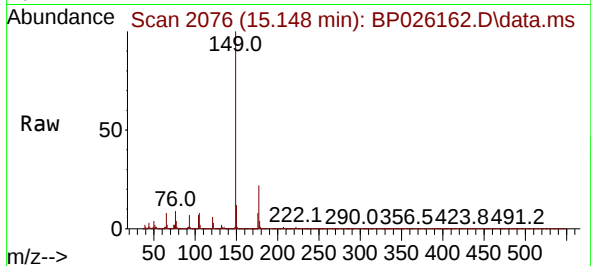




#60
Diethylphthalate
Concen: 3.536 ng
RT: 15.148 min Scan# 2078
Delta R.T. -0.024 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

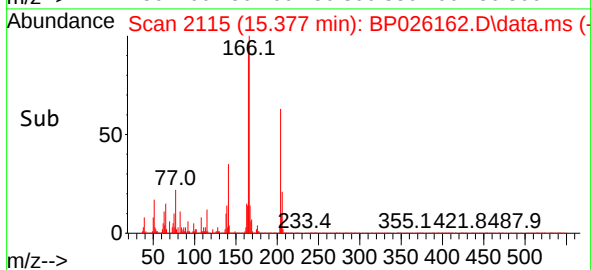
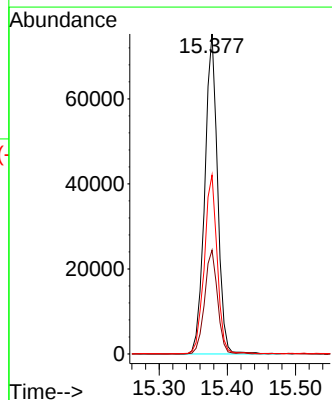
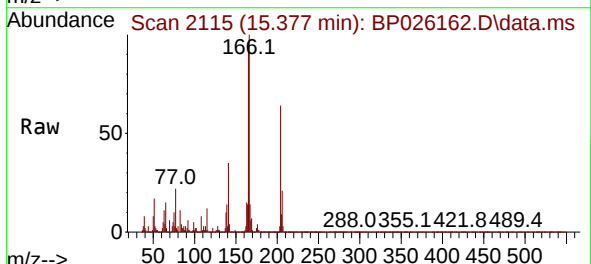
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

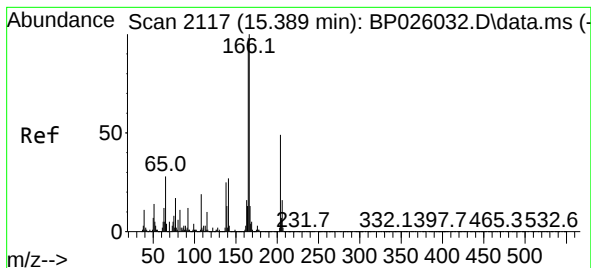
Tgt Ion:149 Resp: 190321
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 3.939 ng
RT: 15.377 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion:204 Resp: 98220
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 55.9 48.1 72.1

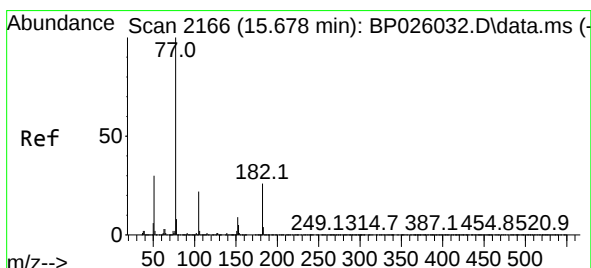
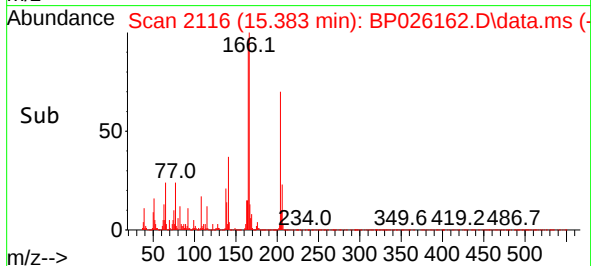
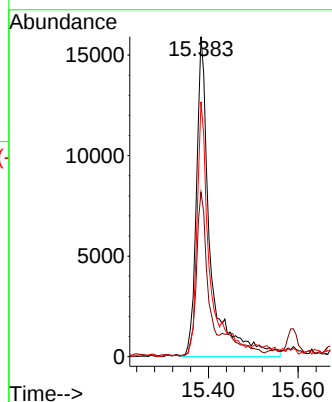
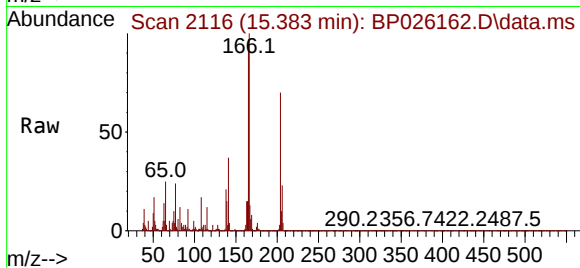




#62
4-Nitroaniline
Concen: 2.639 ng
RT: 15.383 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

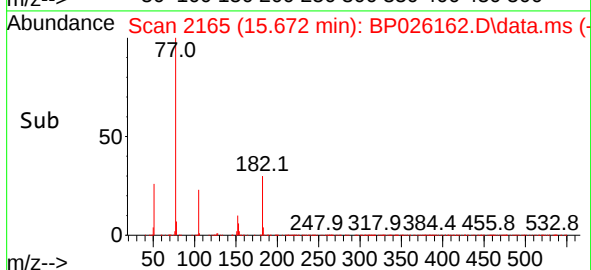
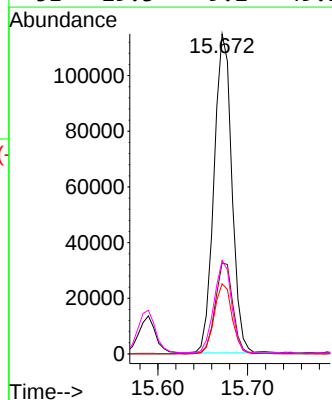
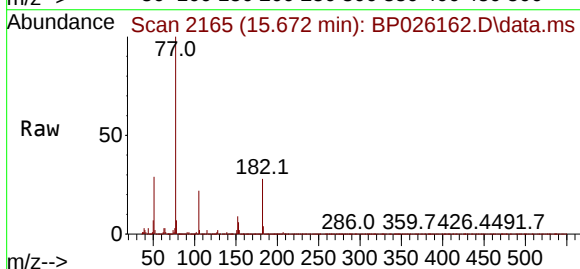
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

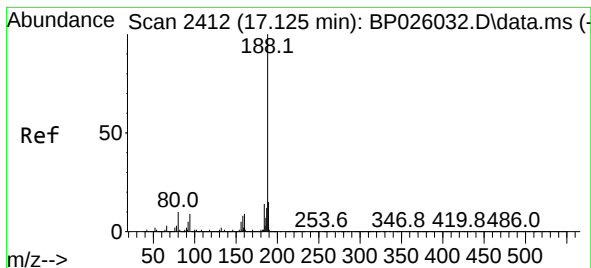
Tgt Ion:138 Resp: 34156
Ion Ratio Lower Upper
138 100
92 51.4 27.5 67.5
108 79.7 51.1 91.1



#63
Azobenzene
Concen: 3.486 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP026162.D
Acq: 19 Nov 2025 17:34

Tgt Ion: 77 Resp: 158177
Ion Ratio Lower Upper
77 100
182 28.5 8.8 48.8
105 21.9 2.6 42.6
51 29.3 9.2 49.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.113 min Scan# 2412

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

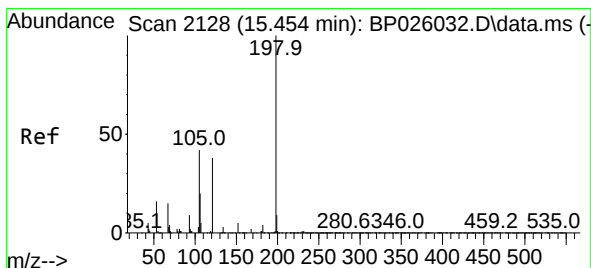
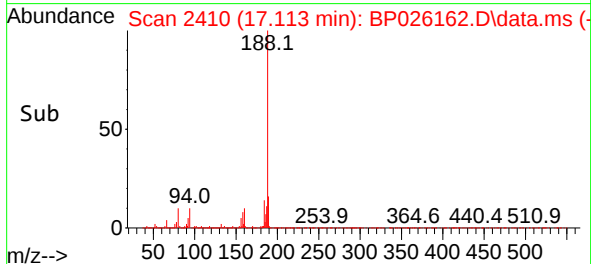
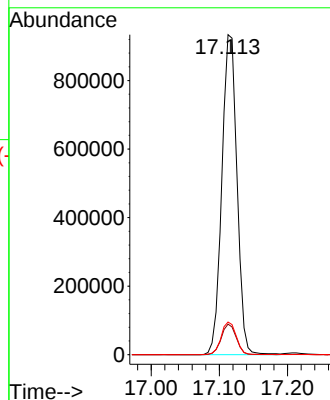
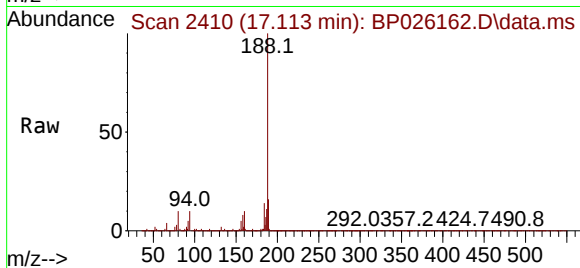
Tgt Ion:188 Resp: 1445364

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 10.2 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 2.132 ng

RT: 15.448 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

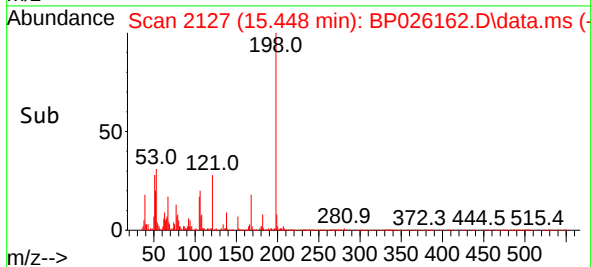
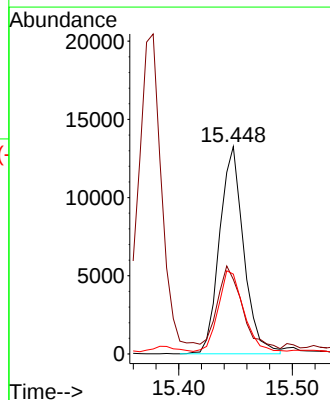
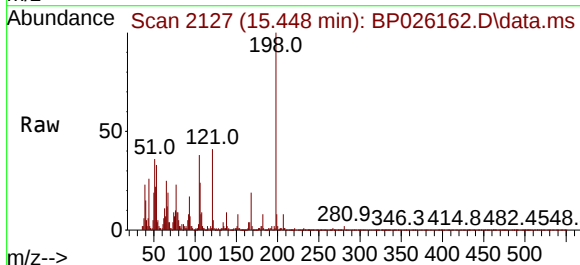
Tgt Ion:198 Resp: 19573

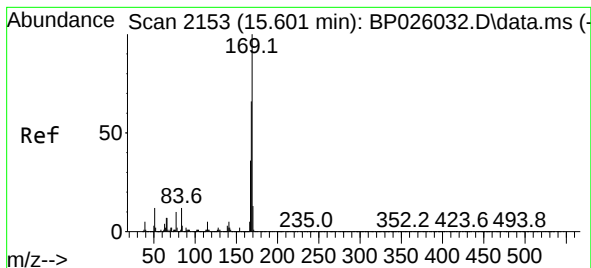
Ion Ratio Lower Upper

198 100

51 35.9 18.4 58.4

105 38.5 18.5 58.5





#66

n-Nitrosodiphenylamine

Concen: 3.708 ng

RT: 15.589 min Scan# 2151

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

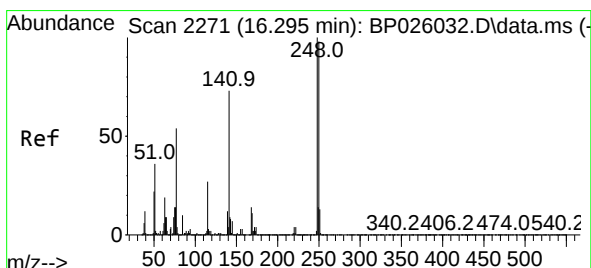
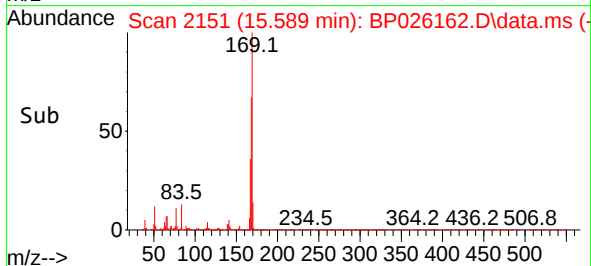
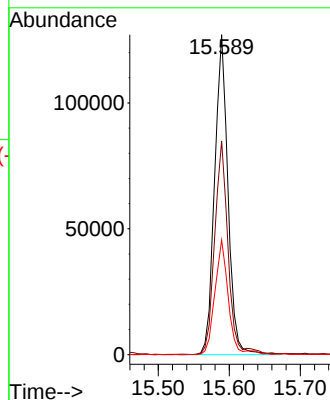
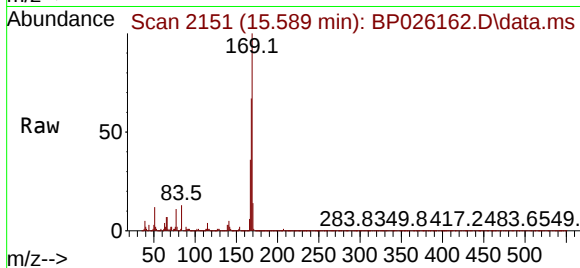
Tgt Ion:169 Resp: 165791

Ion Ratio Lower Upper

169 100

168 66.8 53.1 79.7

167 35.8 28.9 43.3



#67

4-Bromophenyl-phenylether

Concen: 3.603 ng

RT: 16.283 min Scan# 2269

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

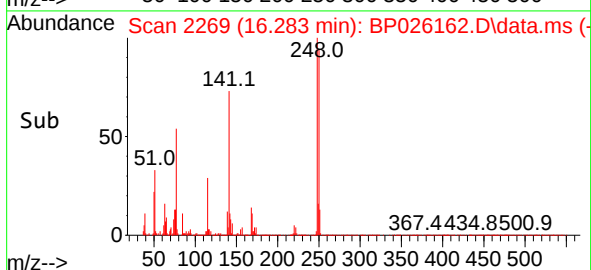
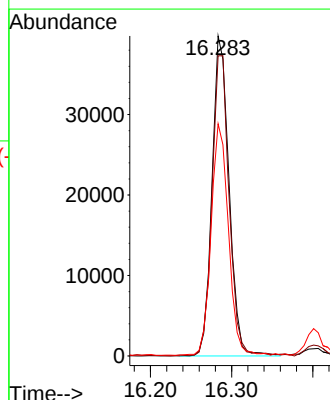
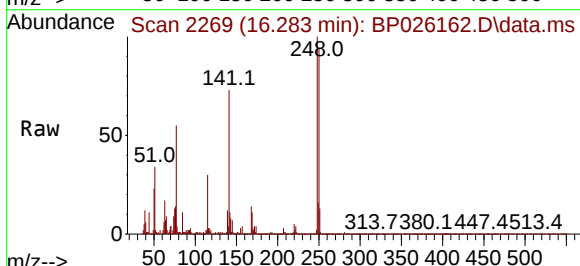
Tgt Ion:248 Resp: 57670

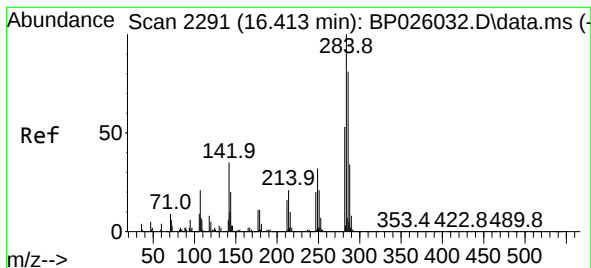
Ion Ratio Lower Upper

248 100

250 93.8 77.8 116.6

141 72.6 55.4 83.0





#68

Hexachlorobenzene

Concen: 3.665 ng

RT: 16.401 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

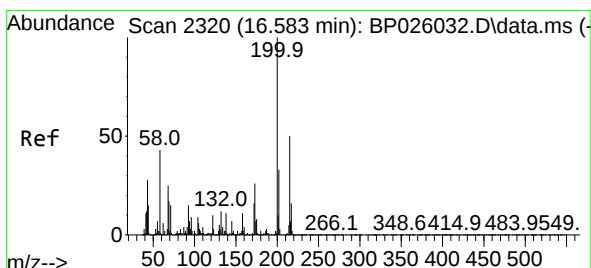
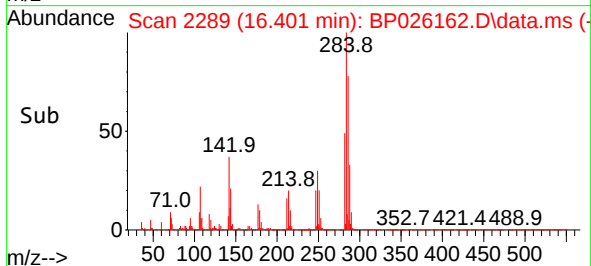
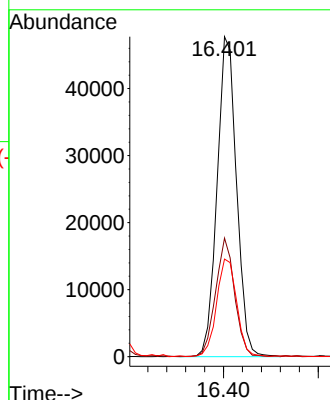
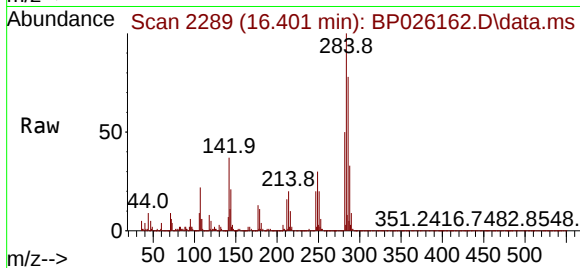
Tgt Ion:284 Resp: 68082

Ion Ratio Lower Upper

284 100

142 37.0 28.0 42.0

249 30.5 25.0 37.4



#69

Atrazine

Concen: 3.284 ng

RT: 16.566 min Scan# 2317

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

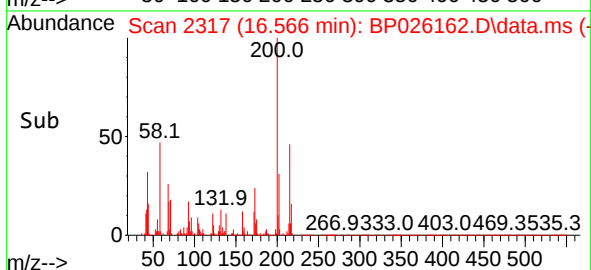
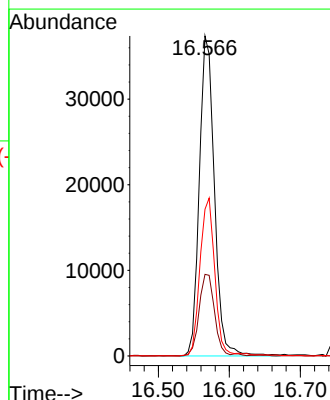
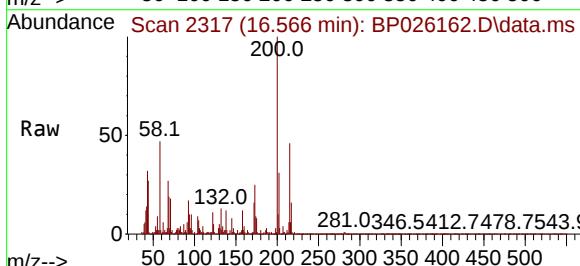
Tgt Ion:200 Resp: 55362

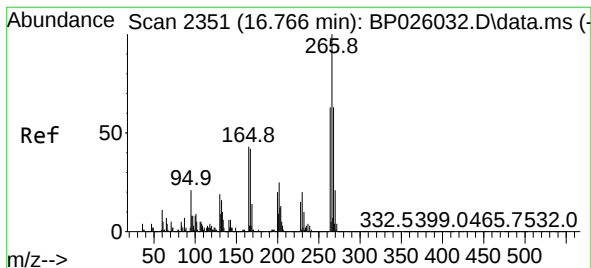
Ion Ratio Lower Upper

200 100

173 25.5 6.7 46.7

215 45.8 27.4 67.4





#70

Pentachlorophenol

Concen: 2.655 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

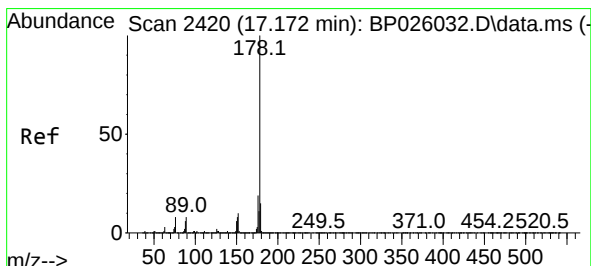
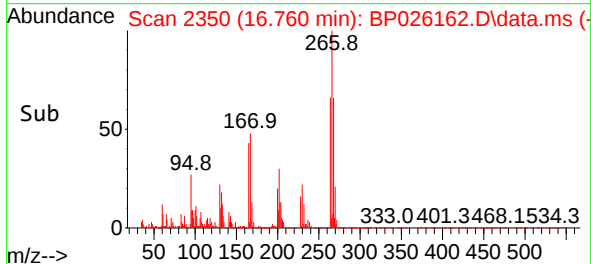
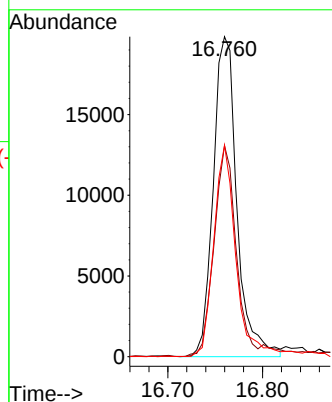
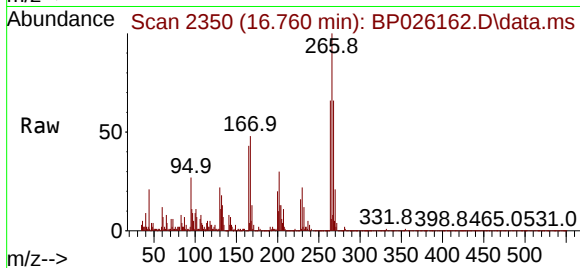
Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:	266	Resp:	34494
Ion Ratio	Lower	Upper	
266	100		
268	66.0	51.0	76.4
264	66.1	50.2	75.2



#71

Phenanthrene

Concen: 3.829 ng

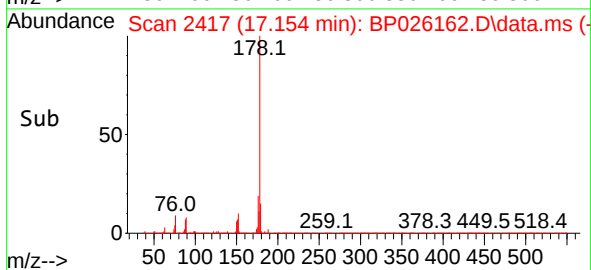
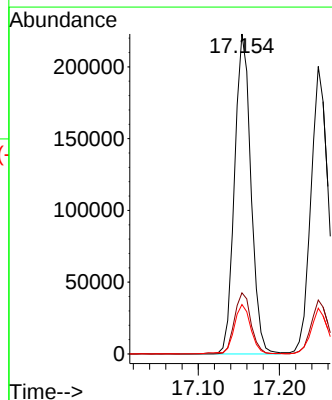
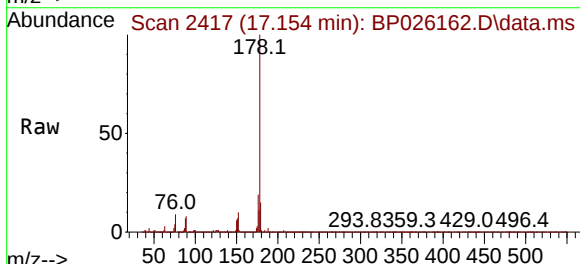
RT: 17.154 min Scan# 2417

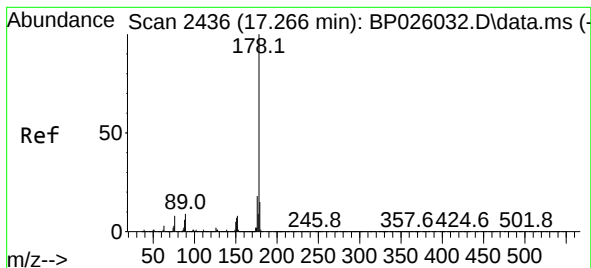
Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Tgt Ion:	178	Resp:	311719
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	15.5	12.4	18.6





#72

Anthracene

Concen: 3.627 ng

RT: 17.248 min Scan# 2436

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

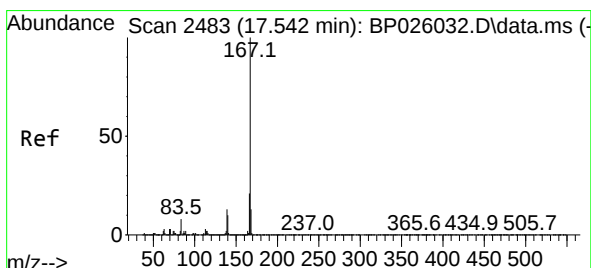
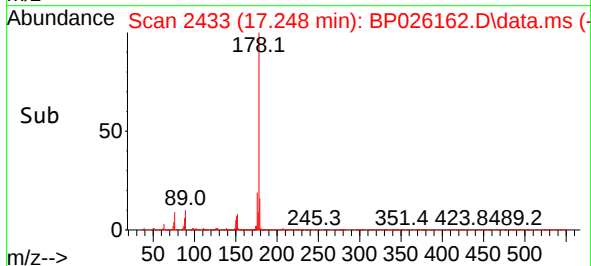
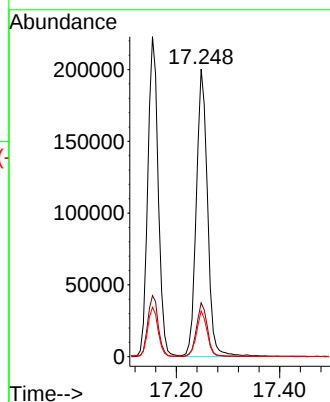
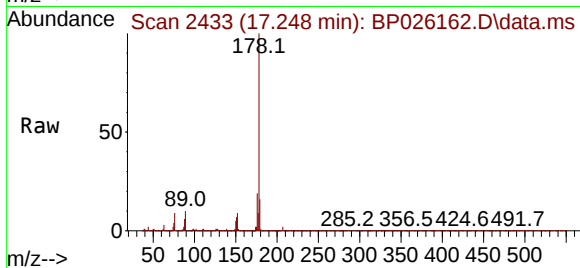
Tgt Ion:178 Resp: 301175

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.9 12.2 18.4



#73

Carbazole

Concen: 3.496 ng

RT: 17.524 min Scan# 2480

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

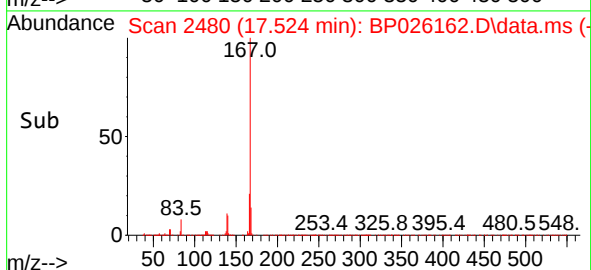
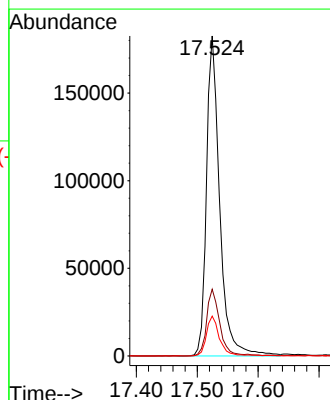
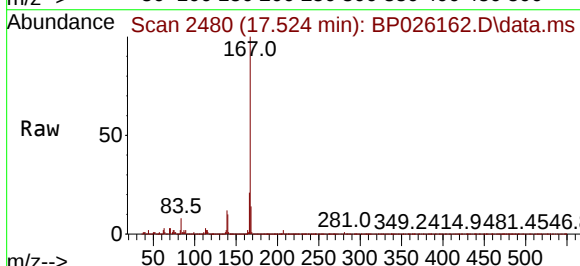
Tgt Ion:167 Resp: 275783

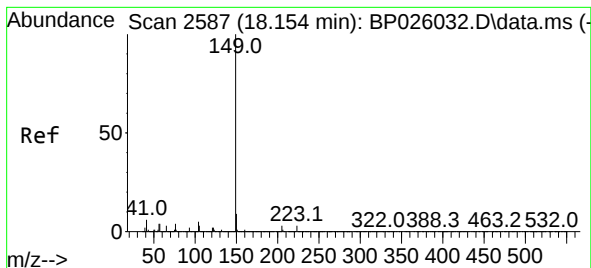
Ion Ratio Lower Upper

167 100

166 20.8 17.1 25.7

139 12.4 10.2 15.4





#74

Di-n-butylphthalate

Concen: 3.320 ng

RT: 18.136 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

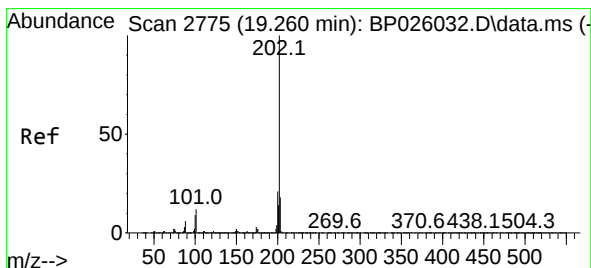
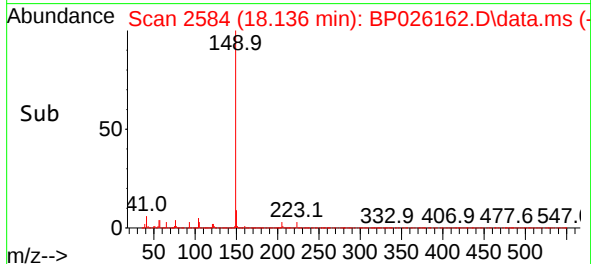
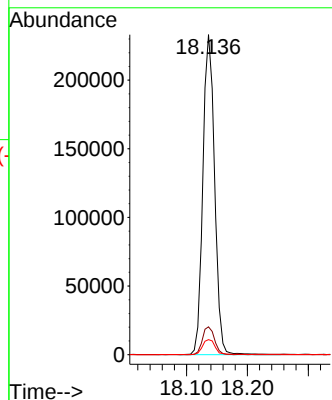
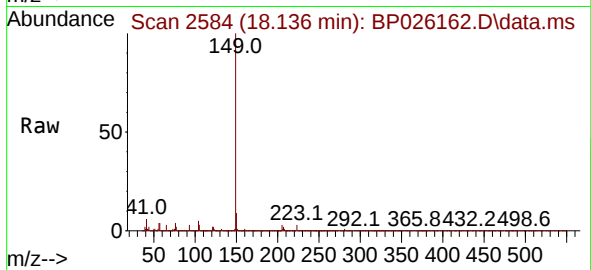
Tgt Ion:149 Resp: 310493

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

104 4.7 3.6 5.4



#75

Fluoranthene

Concen: 3.584 ng

RT: 19.248 min Scan# 2773

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

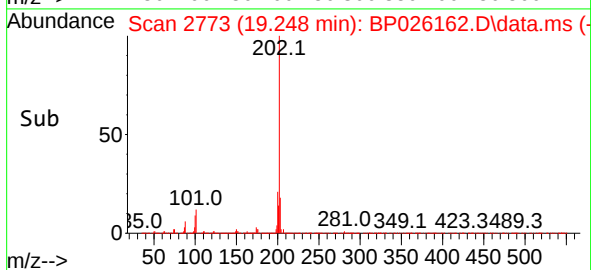
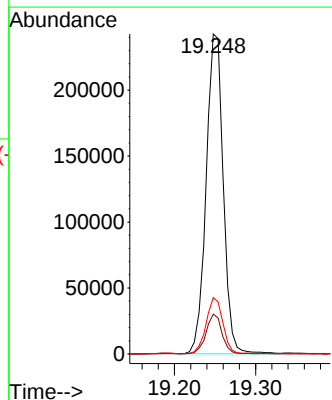
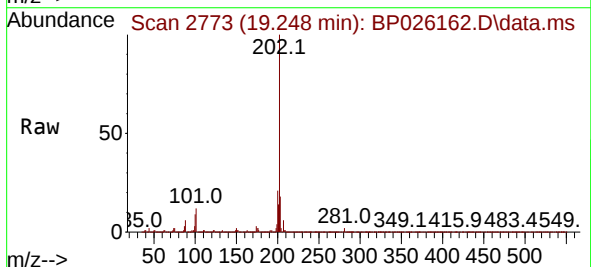
Tgt Ion:202 Resp: 354584

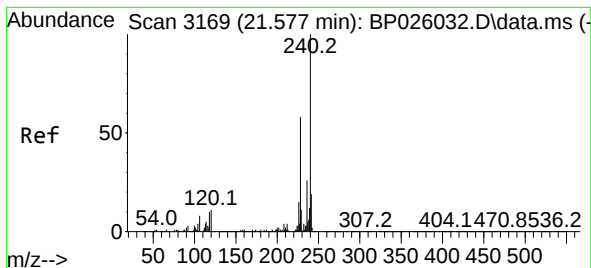
Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.2

203 17.6 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.565 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

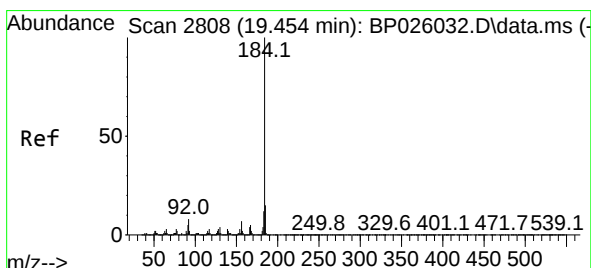
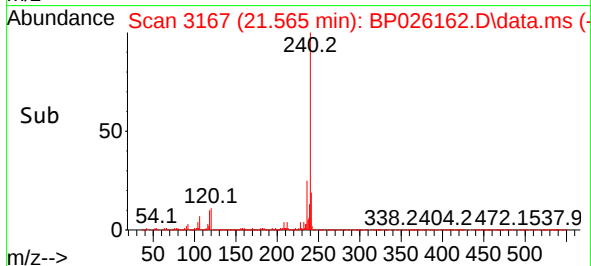
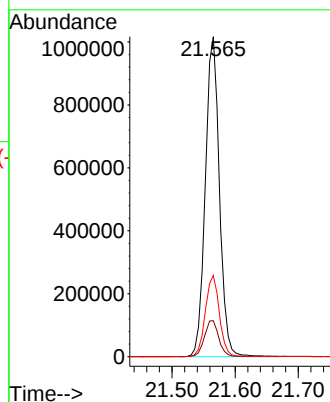
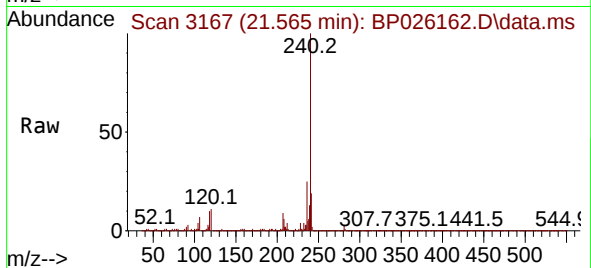
Tgt Ion:240 Resp: 1577582

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 25.4 20.4 30.6



#77

Benzidine

Concen: 3.001 ng

RT: 19.448 min Scan# 2807

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

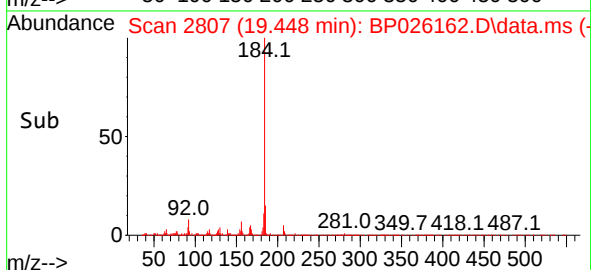
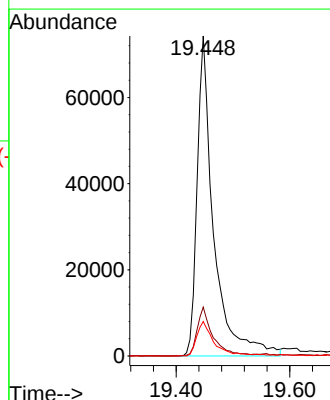
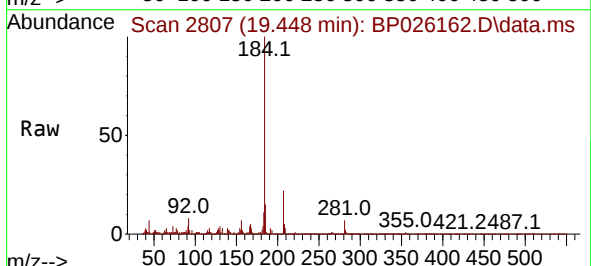
Tgt Ion:184 Resp: 150227

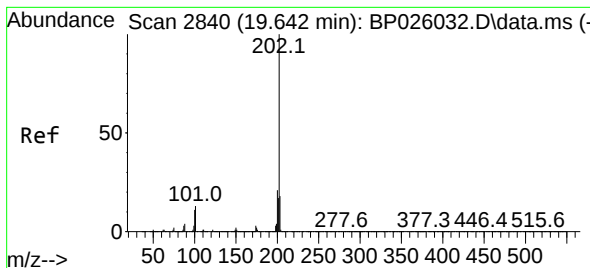
Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

183 10.8 9.0 13.6





#78

Pyrene

Concen: 3.628 ng

RT: 19.630 min Scan# 2838

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

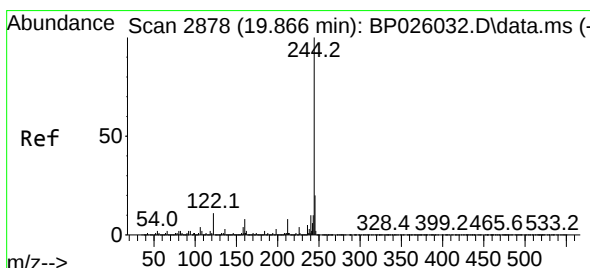
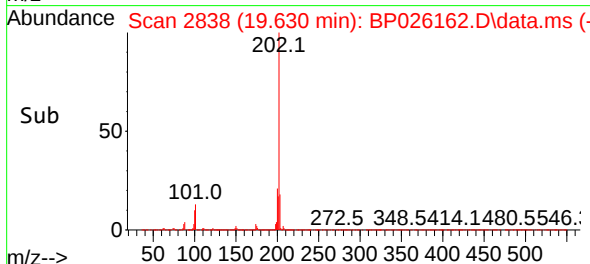
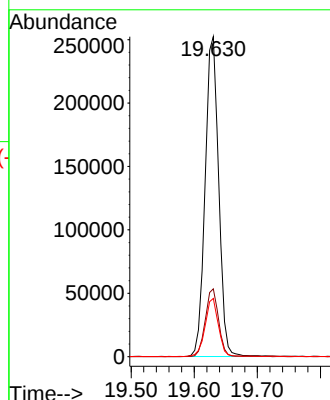
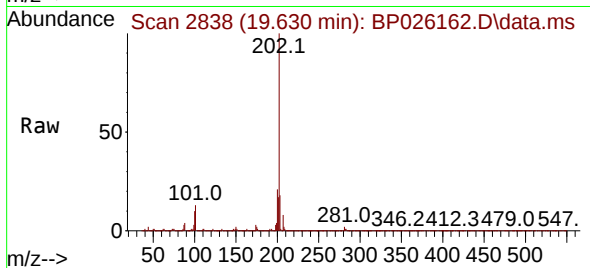
Tgt Ion:202 Resp: 375283

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 18.2 13.8 20.8



#79

Terphenyl-d14

Concen: 83.686 ng

RT: 19.854 min Scan# 2876

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

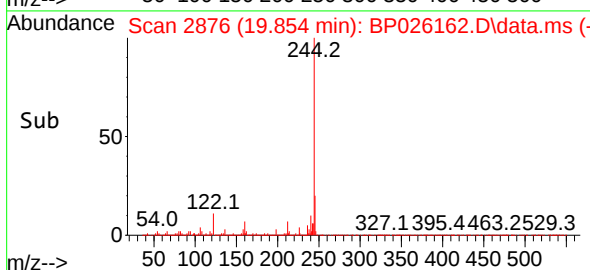
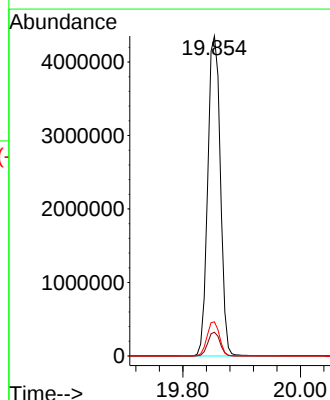
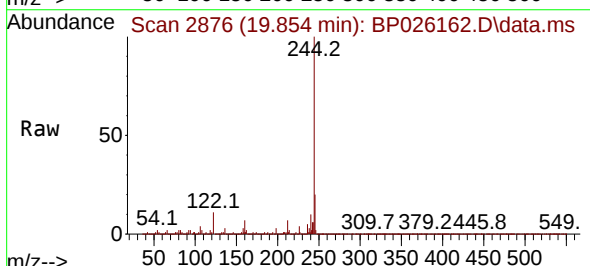
Tgt Ion:244 Resp: 6474660

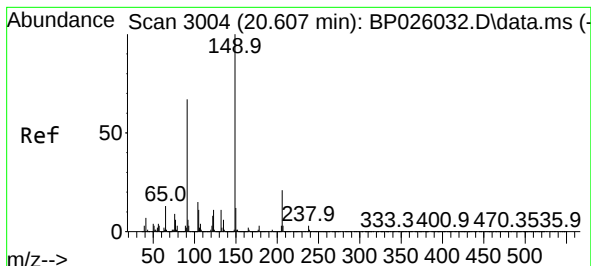
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.6 8.2 12.2





#80

Butylbenzylphthalate

Concen: 3.044 ng

RT: 20.595 min Scan# 3004

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

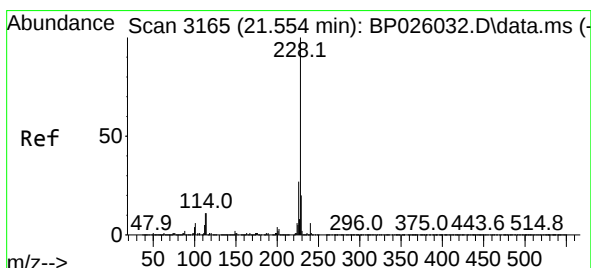
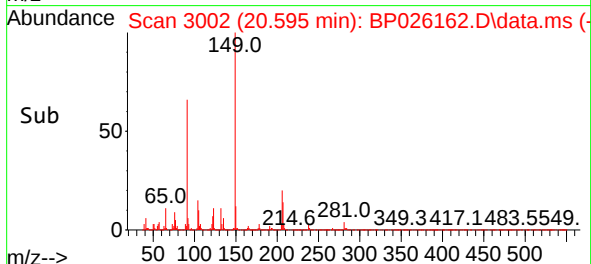
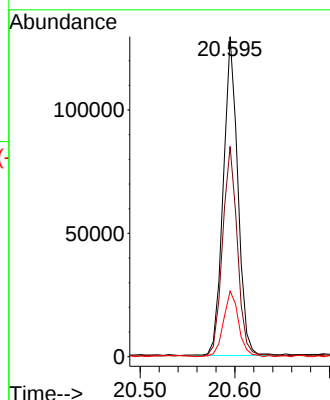
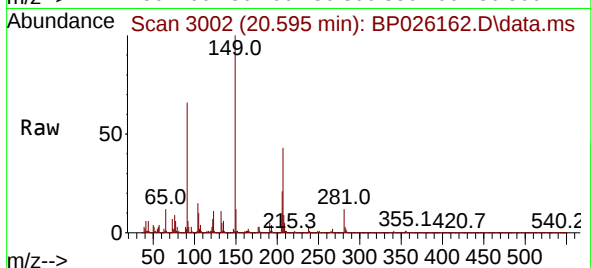
Tgt Ion:149 Resp: 138674

Ion Ratio Lower Upper

149 100

91 65.7 52.6 79.0

206 20.5 16.9 25.3



#81

Benzo(a)anthracene

Concen: 3.658 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

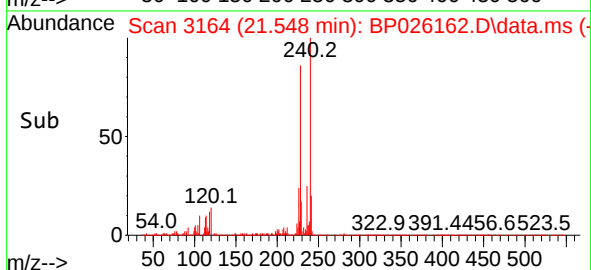
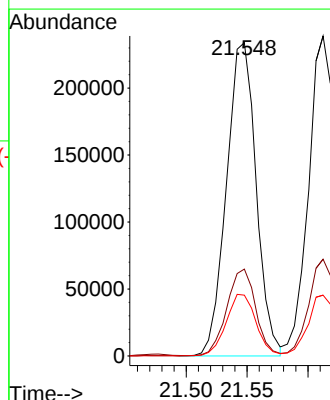
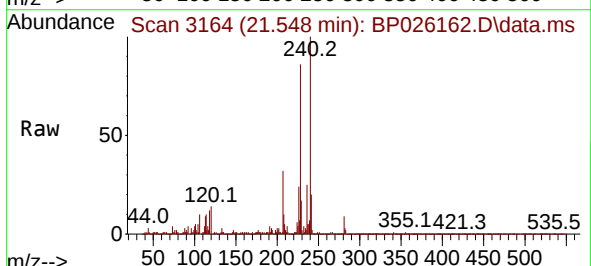
Tgt Ion:228 Resp: 396279

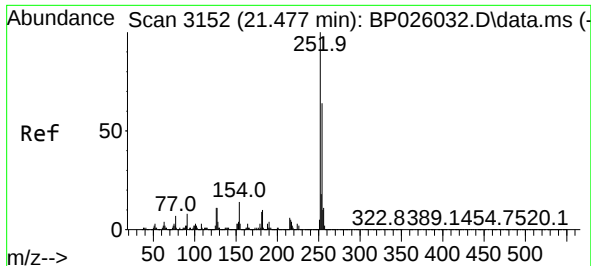
Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 19.4 15.9 23.9

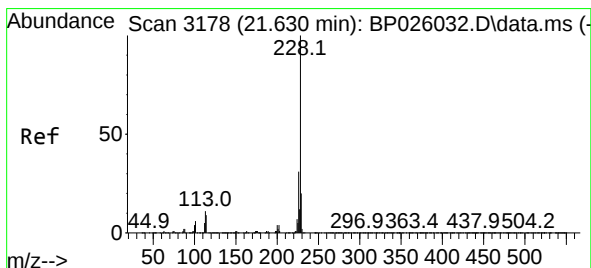
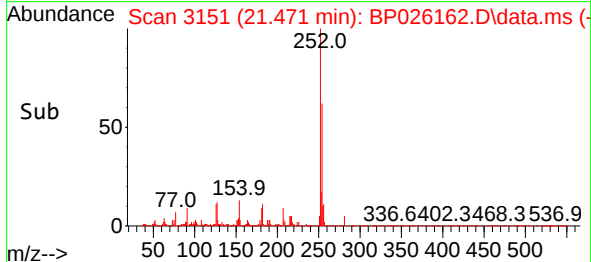
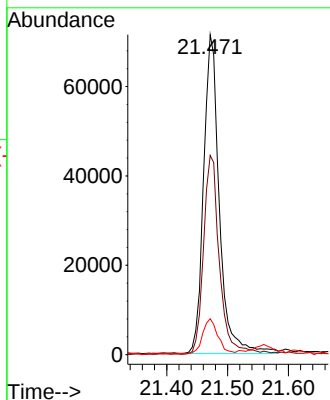
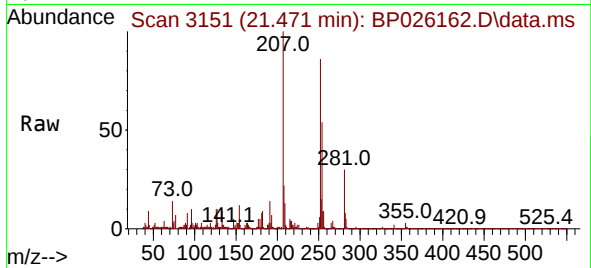




#82
 3,3'-Dichlorobenzidine
 Concen: 3.269 ng
 RT: 21.471 min Scan# 3151
 Delta R.T. -0.018 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

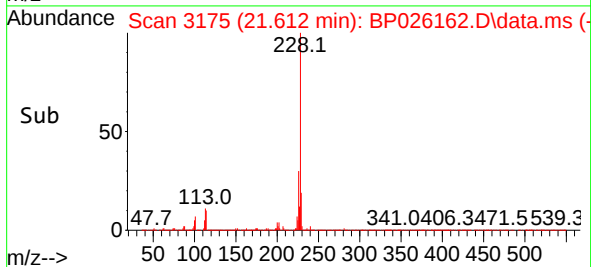
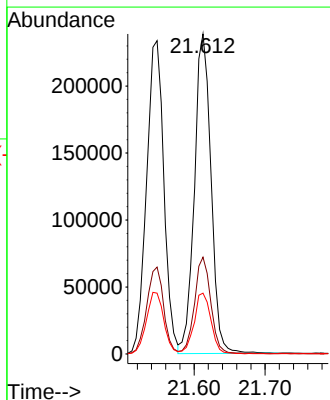
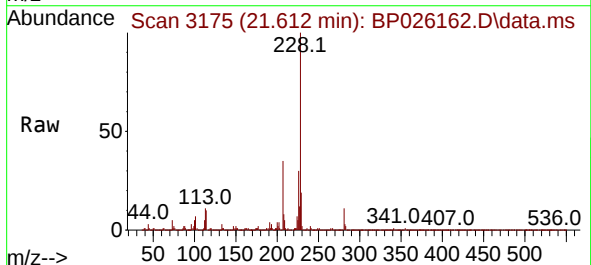
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

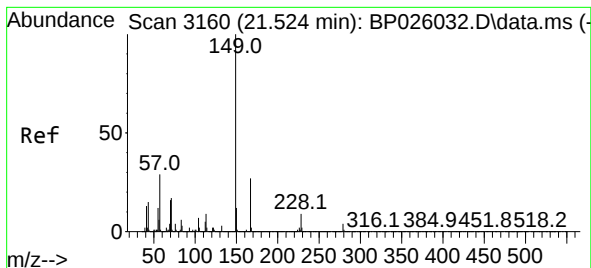
Tgt Ion:252 Resp: 128781
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.2 76.8
 126 11.2 8.2 12.4



#83
 Chrysene
 Concen: 3.805 ng
 RT: 21.612 min Scan# 3175
 Delta R.T. -0.006 min
 Lab File: BP026162.D
 Acq: 19 Nov 2025 17:34

Tgt Ion:228 Resp: 388516
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 19.0 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.214 ng

RT: 21.512 min Scan# 3160

Delta R.T. -0.006 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

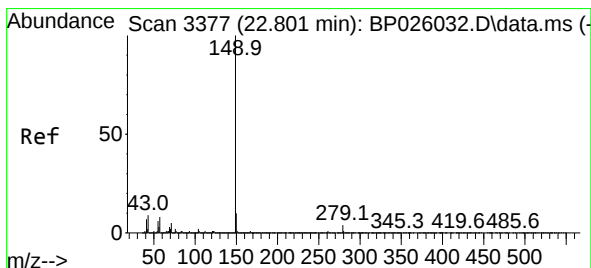
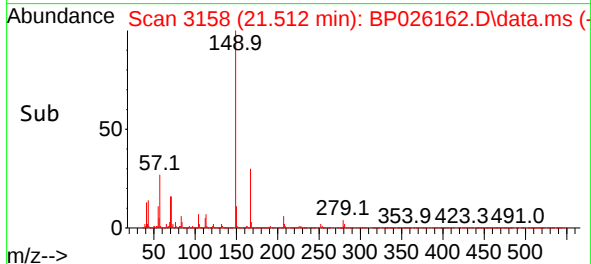
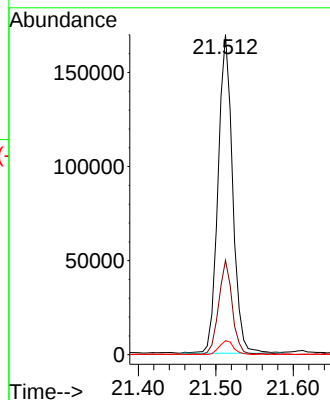
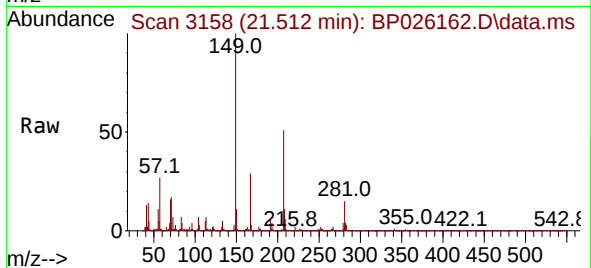
Tgt Ion:149 Resp: 221603

Ion Ratio Lower Upper

149 100

167 29.5 22.1 33.1

279 4.4 3.3 4.9



#85

Di-n-octyl phthalate

Concen: 2.912 ng

RT: 22.795 min Scan# 3376

Delta R.T. -0.012 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

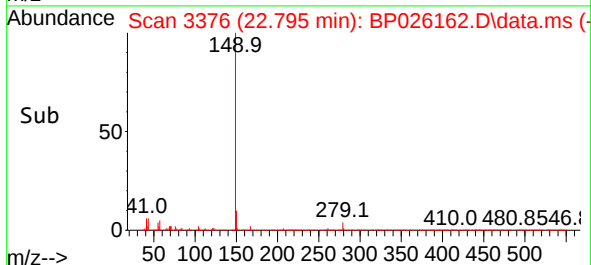
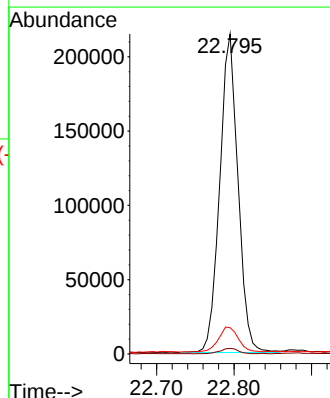
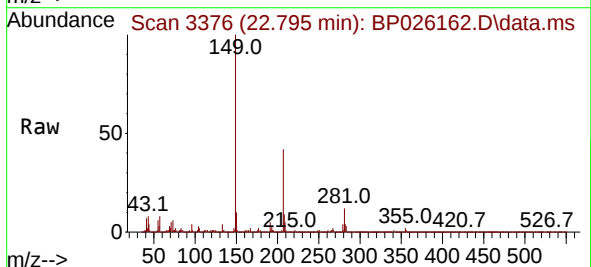
Tgt Ion:149 Resp: 351112

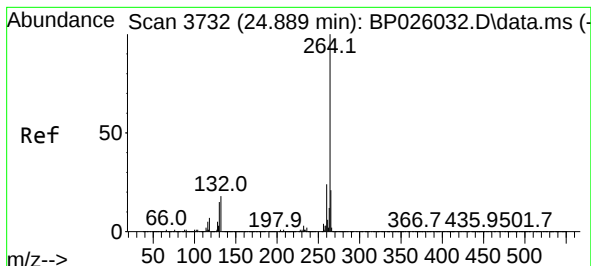
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.8 6.6 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

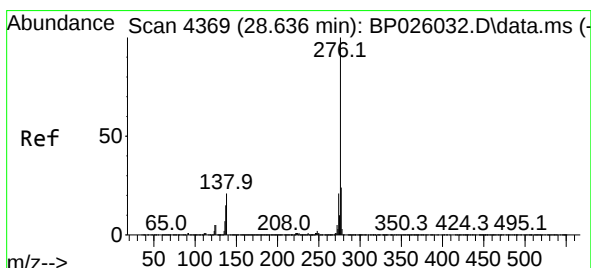
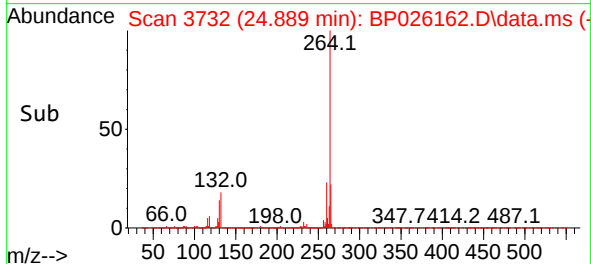
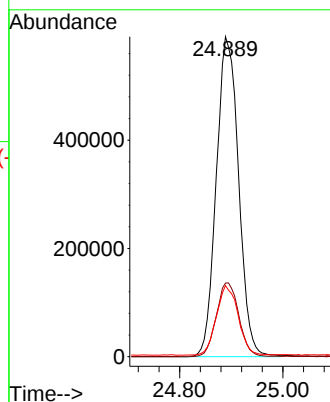
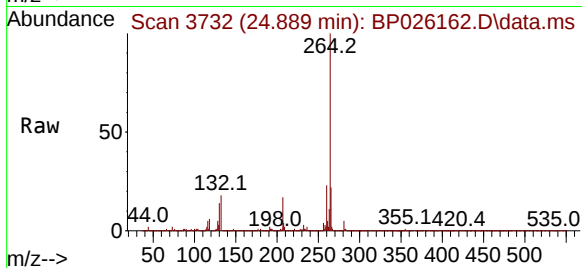
Tgt Ion:264 Resp: 1771600

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.2 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.820 ng

RT: 28.653 min Scan# 4372

Delta R.T. -0.053 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

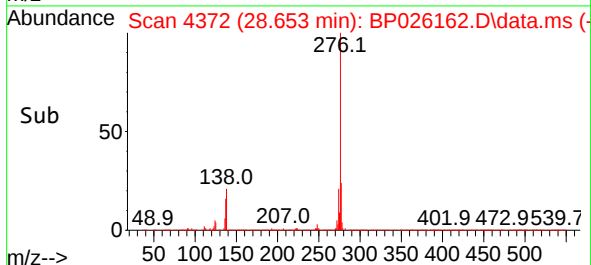
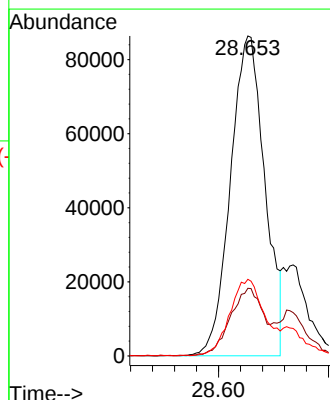
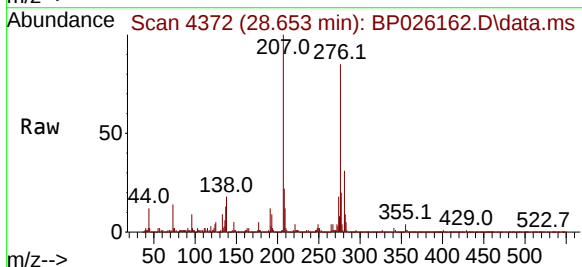
Tgt Ion:276 Resp: 374743

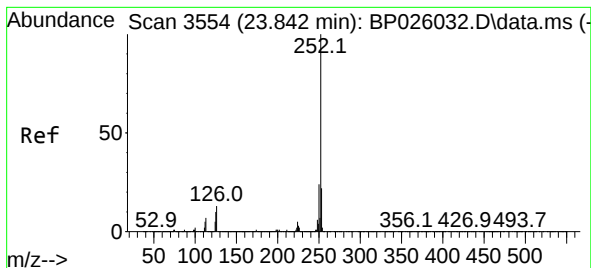
Ion Ratio Lower Upper

276 100

138 20.1 13.8 20.8

277 24.3 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 3.564 ng

RT: 23.842 min Scan# 3554

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

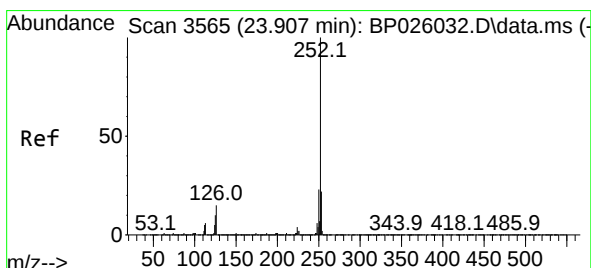
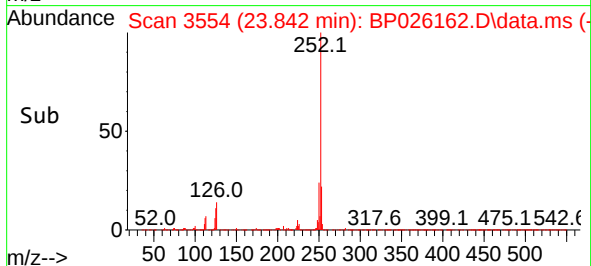
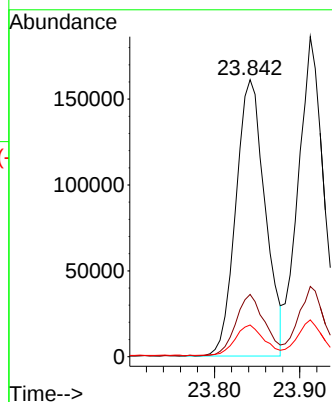
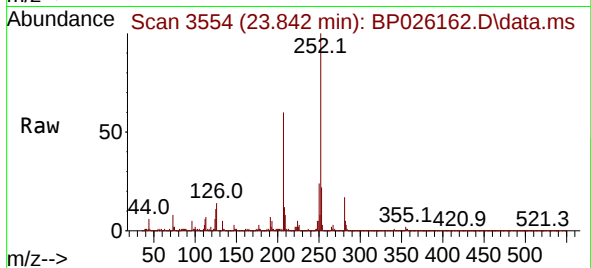
Tgt Ion:252 Resp: 384558

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 11.4 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 3.634 ng

RT: 23.912 min Scan# 3566

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

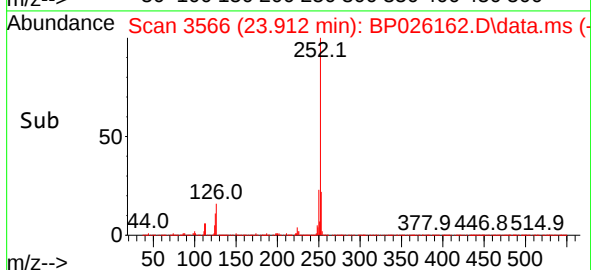
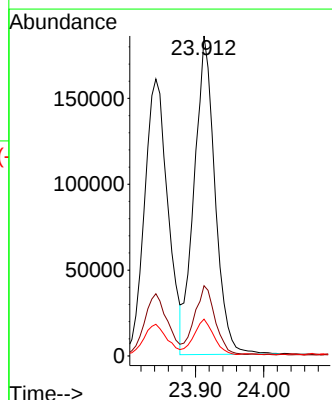
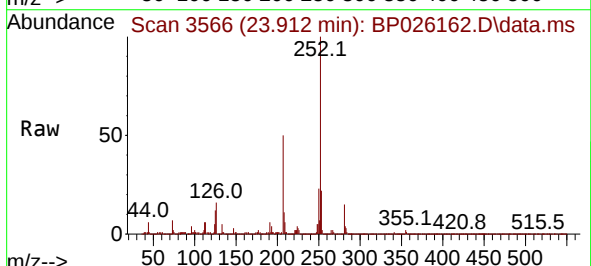
Tgt Ion:252 Resp: 391570

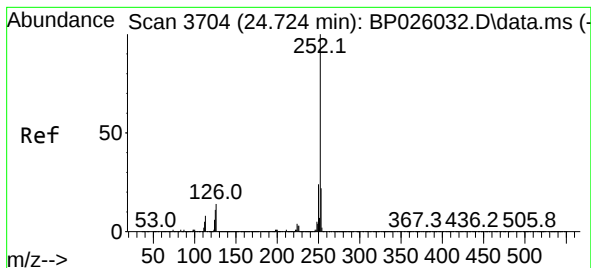
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.5 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 3.572 ng

RT: 24.730 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

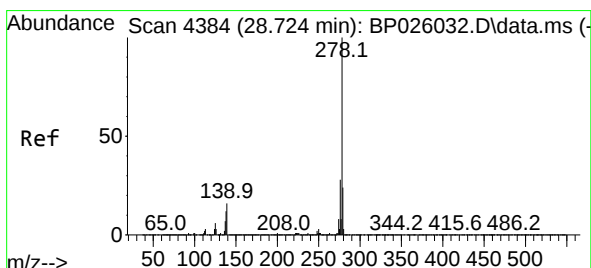
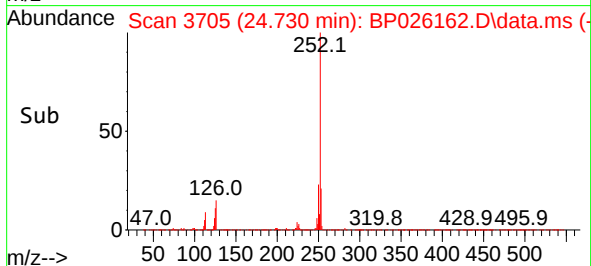
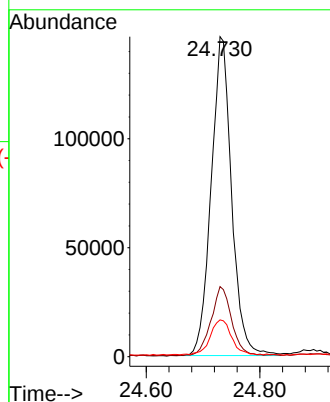
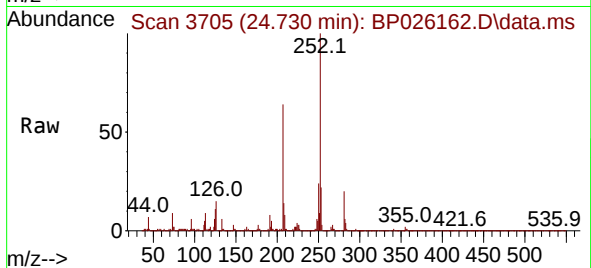
Tgt Ion:252 Resp: 364991

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.5 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 3.402 ng

RT: 28.736 min Scan# 4386

Delta R.T. -0.059 min

Lab File: BP026162.D

Acq: 19 Nov 2025 17:34

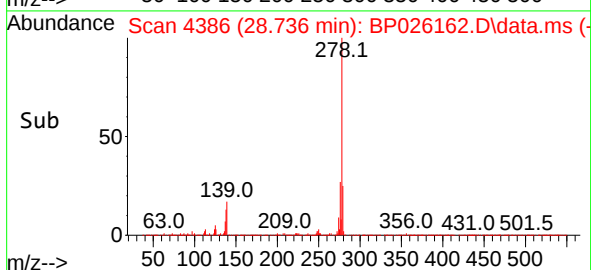
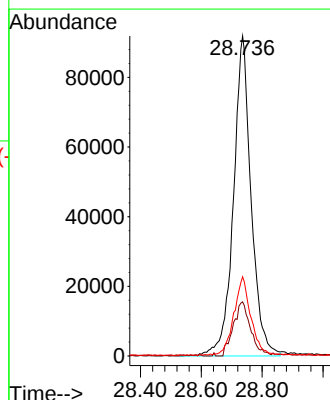
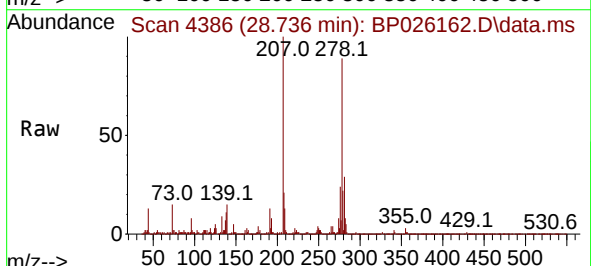
Tgt Ion:278 Resp: 370034

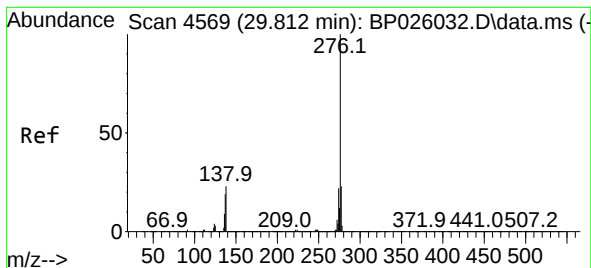
Ion Ratio Lower Upper

278 100

139 16.9 13.2 19.8

279 24.7 19.2 28.8





#92

Benzo(g,h,i)perylene

Concen: 3.393 ng

RT: 29.812 min Scan# 4

Delta R.T. -0.071 min

Lab File: BP026162.D

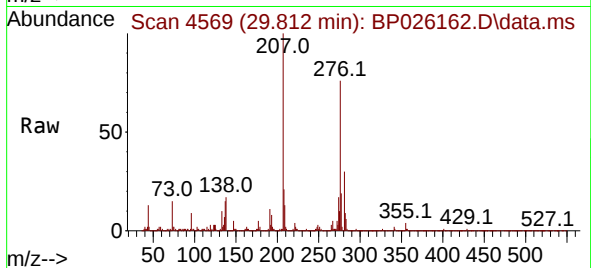
Acq: 19 Nov 2025 17:34

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:276 Resp: 366815

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 22.8 17.8 26.6

