

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026163.D
 Acq On : 19 Nov 2025 18:15
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-8ng
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 20 00:53:01 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	7.672	152	211860	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	793256	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	527477	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1104794	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1243805	20.000	ng	0.00
86) Perylene-d12	24.895	264	1300604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1818686	137.787	ng	0.00
7) Phenol-d6	6.849	99	2036030	121.166	ng	0.00
23) Nitrobenzene-d5	8.807	82	1241106	88.871	ng	0.00
42) 2,4,6-Tribromophenol	15.819	330	848855	124.053	ng	-0.02
45) 2-Fluorobiphenyl	12.919	172	3165273	87.947	ng	-0.01
79) Terphenyl-d14	19.860	244	5391500	88.386	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	52206	9.751	ng	97
3) Pyridine	3.619	79	115945	7.494	ng	96
4) n-Nitrosodimethylamine	3.525	42	44683	7.727	ng	# 94
6) Aniline	7.002	93	161258	7.268	ng	97
8) 2-Chlorophenol	7.237	128	112606	7.495	ng	92
9) Benzaldehyde	6.819	77	82832	9.406	ng	100
10) Phenol	6.872	94	131241	7.250	ng	94
11) bis(2-Chloroethyl)ether	7.096	93	98901	6.978	ng	99
12) 1,3-Dichlorobenzene	7.566	146	134523	8.311	ng	98
13) 1,4-Dichlorobenzene	7.702	146	131872	8.085	ng	98
14) 1,2-Dichlorobenzene	8.019	146	124459	7.947	ng	99
15) Benzyl Alcohol	7.907	79	79882	6.489	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	140453	7.056	ng	98
17) 2-Methylphenol	8.107	107	84008	6.817	ng	98
18) Hexachloroethane	8.737	117	45612	7.686	ng	98
19) n-Nitroso-di-n-propyla...	8.454	70	72479	6.943	ng	98
20) 3+4-Methylphenols	8.425	107	110242	6.456	ng	100
22) Acetophenone	8.472	105	157675	7.820	ng	99
24) Nitrobenzene	8.849	77	113137	8.009	ng	99
25) Isophorone	9.378	82	203147	7.338	ng	99
26) 2-Nitrophenol	9.554	139	43795	6.127	ng	94
27) 2,4-Dimethylphenol	9.619	122	87399	6.781	ng	97
28) bis(2-Chloroethoxy)met...	9.849	93	130008	7.498	ng	99
29) 2,4-Dichlorophenol	10.096	162	90703	7.041	ng	97
30) 1,2,4-Trichlorobenzene	10.301	180	108727	8.288	ng	99
31) Naphthalene	10.490	128	334797	7.809	ng	99
32) Benzoic acid	9.684	122	45812	4.221	ng	97
33) 4-Chloroaniline	10.590	127	138545	7.599	ng	100
34) Hexachlorobutadiene	10.784	225	65192	7.641	ng	98
35) Caprolactam	11.343	113	31572	6.844	ng	97
36) 4-Chloro-3-methylphenol	11.719	107	100820	7.363	ng	97
37) 2-Methylnaphthalene	12.107	142	210719	6.933	ng	98
38) 1-Methylnaphthalene	12.319	142	225368	7.586	ng	98
40) 1,2,4,5-Tetrachloroben...	12.484	216	123679	7.754	ng	99
41) Hexachlorocyclopentadiene	12.472	237	58479	5.602	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	75369	6.893	ng	97

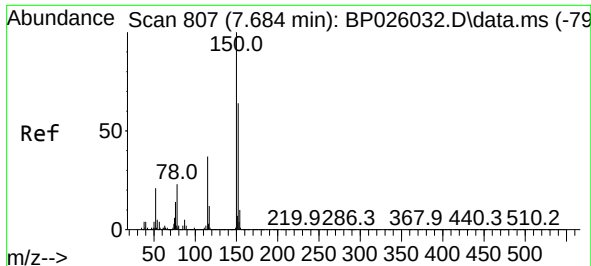
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	84737	6.943	ng	98
46) 1,1'-Biphenyl	13.131	154	315052	7.932	ng	99
47) 2-Chloronaphthalene	13.172	162	241910	7.745	ng	99
48) 2-Nitroaniline	13.366	65	55535	6.394	ng	97
49) Acenaphthylene	14.019	152	386194	7.496	ng	99
50) Dimethylphthalate	13.754	163	305345	7.750	ng	99
51) 2,6-Dinitrotoluene	13.872	165	57824	7.407	ng	99
52) Acenaphthene	14.366	154	245115	8.119	ng	98
53) 3-Nitroaniline	14.201	138	62423	6.791	ng #	89
54) 2,4-Dinitrophenol	14.407	184	19730	4.187	ng	89
55) Dibenzofuran	14.713	168	381045	8.149	ng	99
56) 4-Nitrophenol	14.525	139	45902	5.520	ng	97
57) 2,4-Dinitrotoluene	14.672	165	75330	6.463	ng	98
58) Fluorene	15.378	166	302868	8.194	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.948	232	79391	7.667	ng	99
60) Diethylphthalate	15.148	149	305325	7.693	ng	100
61) 4-Chlorophenyl-phenyle...	15.372	204	148302	8.064	ng	99
62) 4-Nitroaniline	15.378	138	63213	6.623	ng	95
63) Azobenzene	15.672	77	262881	7.856	ng	97
65) 4,6-Dinitro-2-methylph...	15.448	198	36053	5.137	ng	96
66) n-Nitrosodiphenylamine	15.595	169	266838	7.808	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	91826	7.505	ng	96
68) Hexachlorobenzene	16.407	284	109044	7.680	ng	98
69) Atrazine	16.572	200	95998	7.449	ng	99
70) Pentachlorophenol	16.766	266	61763	6.219	ng	98
71) Phenanthrene	17.160	178	509078	8.180	ng	99
72) Anthracene	17.254	178	500185	7.880	ng	99
73) Carbazole	17.525	167	474746	7.874	ng	99
74) Di-n-butylphthalate	18.148	149	517902	7.246	ng	99
75) Fluoranthene	19.248	202	604694	7.997	ng	100
77) Benzidine	19.460	184	237094	6.006	ng	98
78) Pyrene	19.630	202	639807	7.845	ng	100
80) Butylbenzylphthalate	20.607	149	221746	6.174	ng	97
81) Benzo(a)anthracene	21.548	228	662468	7.755	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	208793	6.721	ng	97
83) Chrysene	21.613	228	632731	7.859	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	358207	6.589	ng	100
85) Di-n-octyl phthalate	22.795	149	543231	5.714	ng	99
87) Indeno(1,2,3-cd)pyrene	28.659	276	734034	7.525	ng #	94
88) Benzo(b)fluoranthene	23.842	252	637371	8.047	ng	98
89) Benzo(k)fluoranthene	23.913	252	630365	7.968	ng	97
90) Benzo(a)pyrene	24.730	252	597142	7.959	ng	99
91) Dibenzo(a,h)anthracene	28.742	278	604036	7.565	ng	98
92) Benzo(g,h,i)perylene	29.818	276	604976	7.623	ng	98

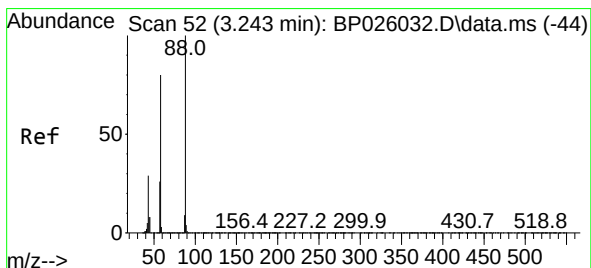
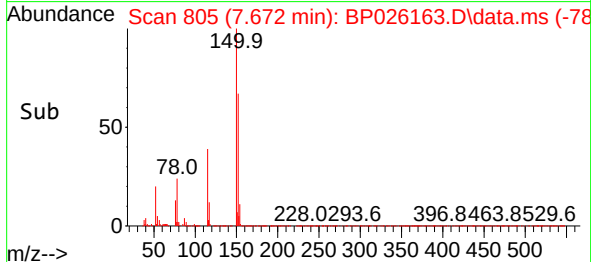
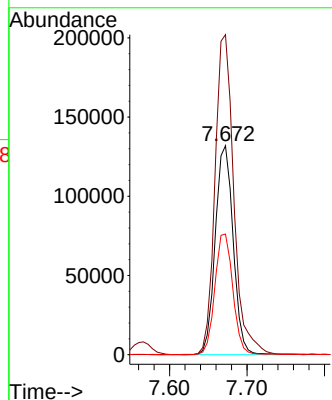
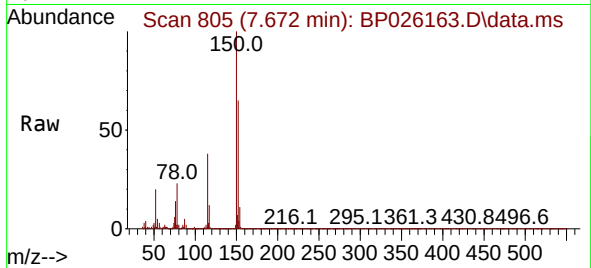
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.672 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP026163.D
 Acq: 19 Nov 2025 18:15

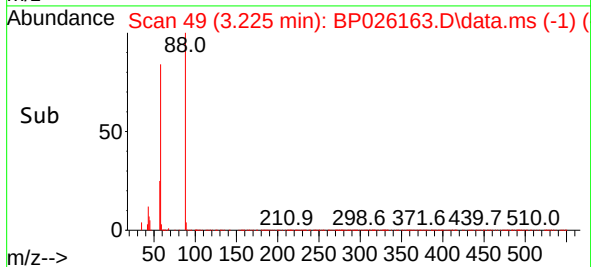
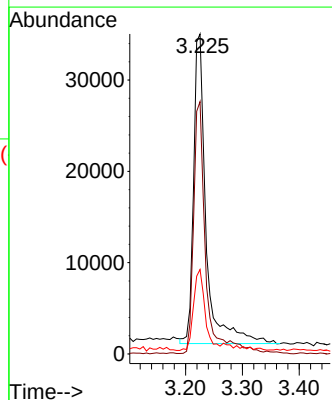
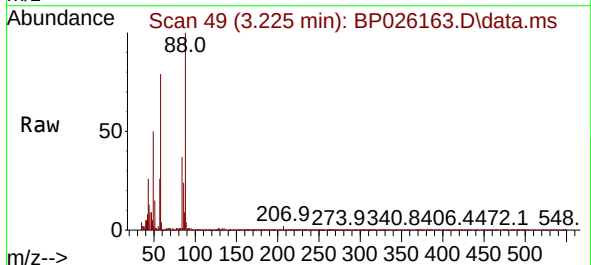
Instrument :
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 LOD-MDL-SOIL-01-QT4-2025

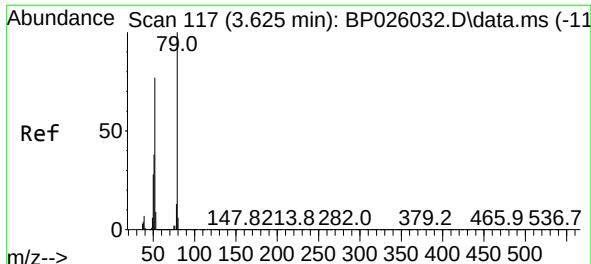
Tgt Ion:152 Resp: 211860
 Ion Ratio Lower Upper
 152 100
 150 153.1 123.0 184.6
 115 57.7 46.3 69.5



#2
 1,4-Dioxane
 Concen: 9.751 ng
 RT: 3.225 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BP026163.D
 Acq: 19 Nov 2025 18:15

Tgt Ion: 88 Resp: 52206
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.2 96.4
 43 24.0 21.5 32.3

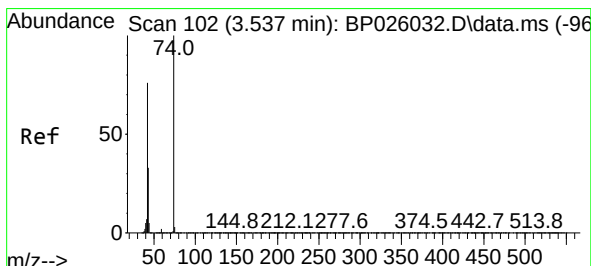
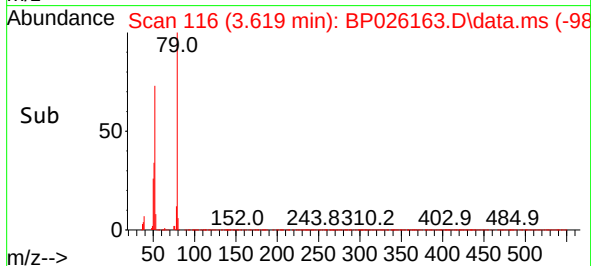
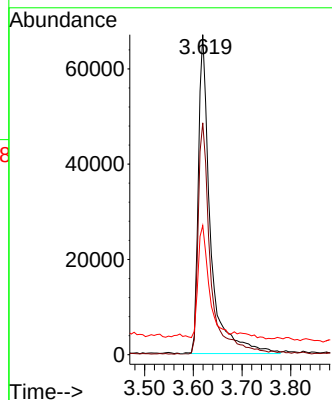
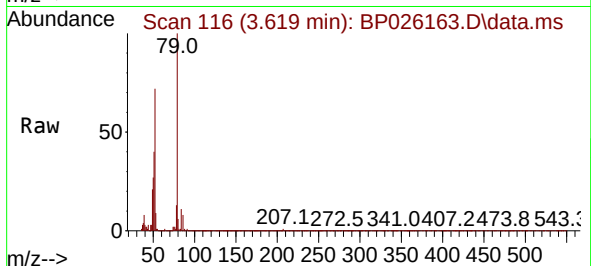




#3
Pyridine
Concen: 7.494 ng
RT: 3.619 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

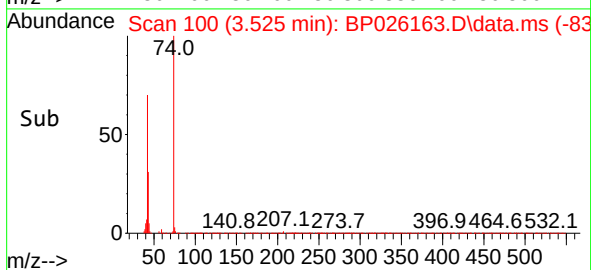
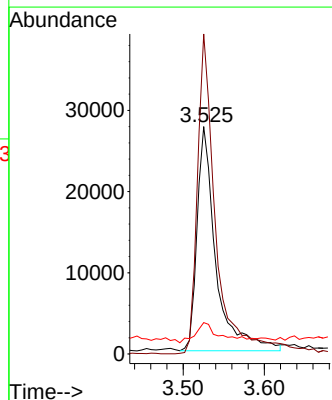
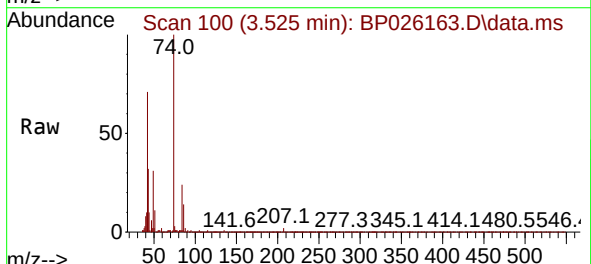
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

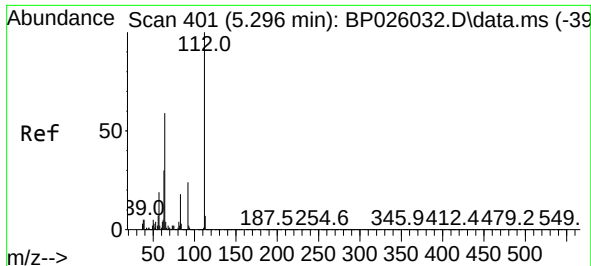
Tgt Ion: 79 Resp: 115945
Ion Ratio Lower Upper
79 100
52 72.5 60.2 90.2
51 40.3 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 7.727 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 42 Resp: 44683
Ion Ratio Lower Upper
42 100
74 140.7 118.1 177.1
44 13.8 6.2 9.4#

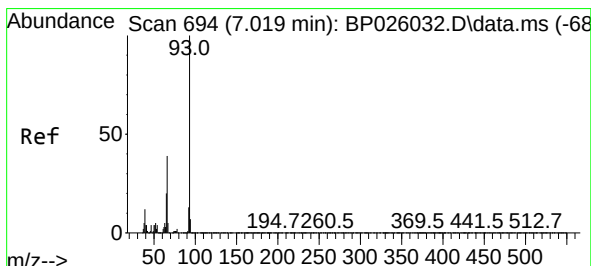
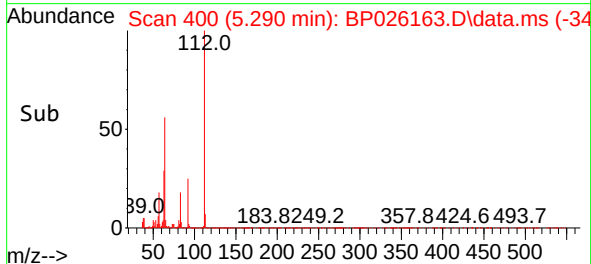
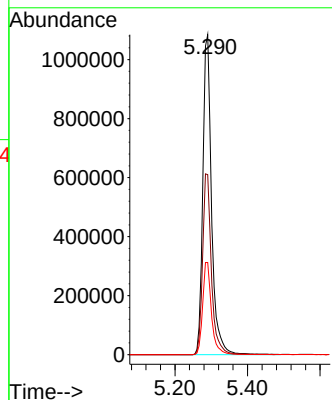
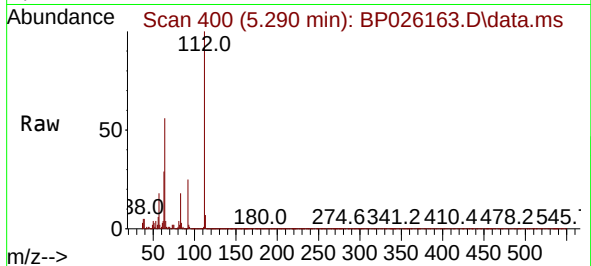




#5
2-Fluorophenol
Concen: 137.787 ng
RT: 5.290 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

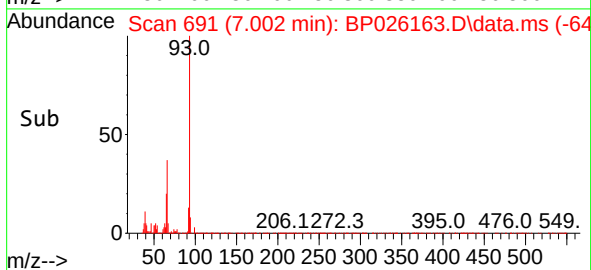
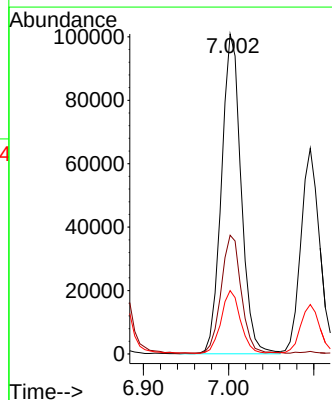
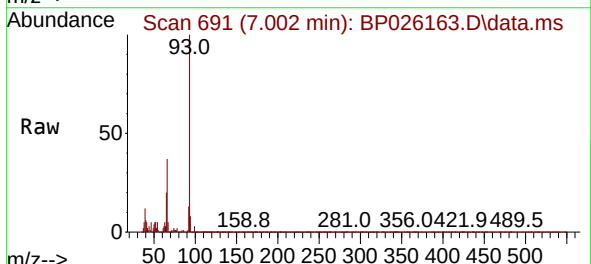
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

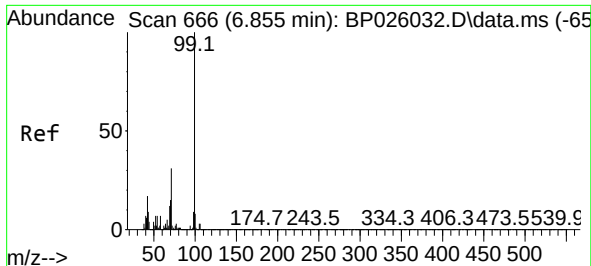
Tgt Ion:112 Resp: 1818686
Ion Ratio Lower Upper
112 100
64 56.3 45.8 68.6
63 28.8 23.5 35.3



#6
Aniline
Concen: 7.268 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 93 Resp: 161258
Ion Ratio Lower Upper
93 100
66 37.1 31.7 47.5
65 19.8 15.8 23.6

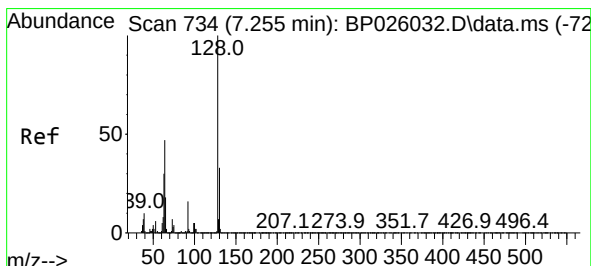
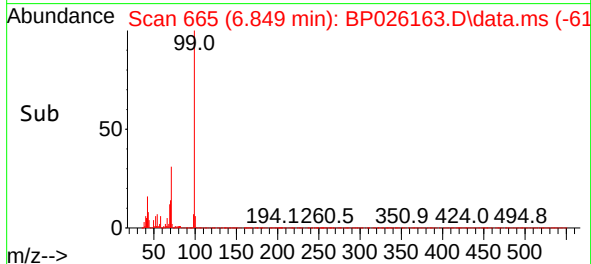
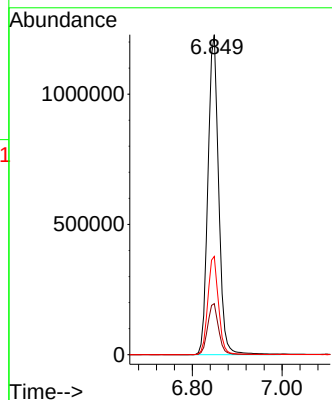
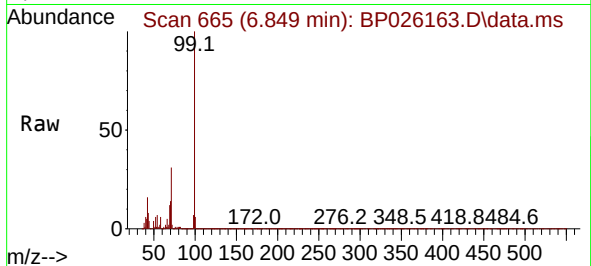




#7
Phenol-d6
Concen: 121.166 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

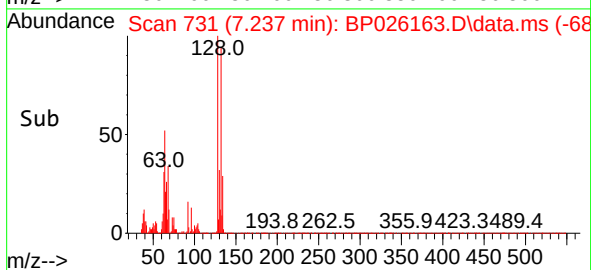
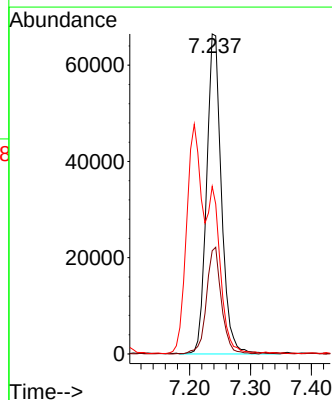
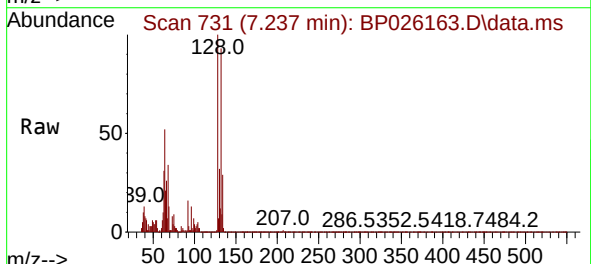
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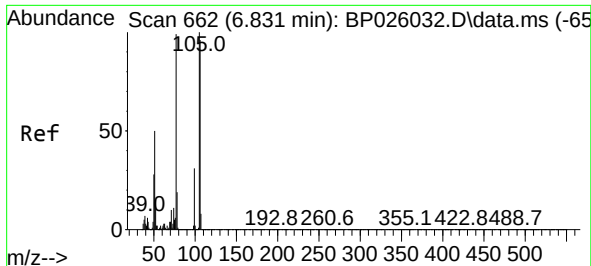
Tgt Ion: 99 Resp: 2036030
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.7 24.8 37.2



#8
2-Chlorophenol
Concen: 7.495 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:128 Resp: 112606
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 52.3 23.9 63.9

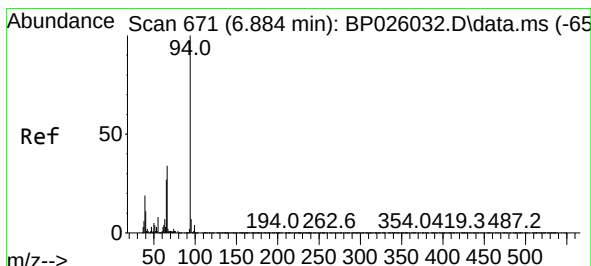
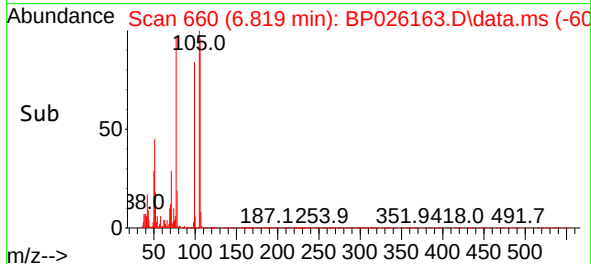
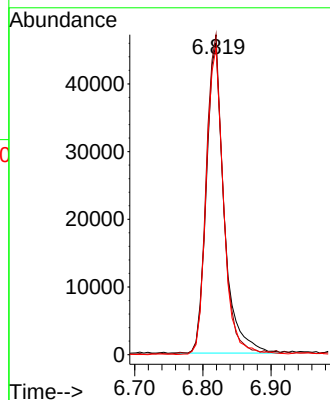
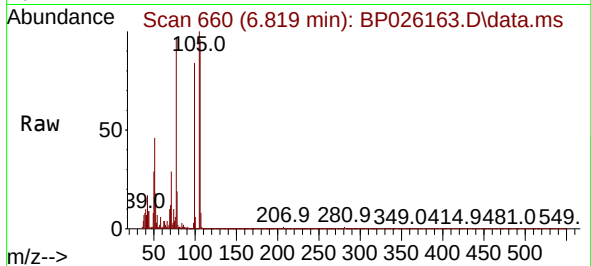




#9
Benzaldehyde
Concen: 9.406 ng
RT: 6.819 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

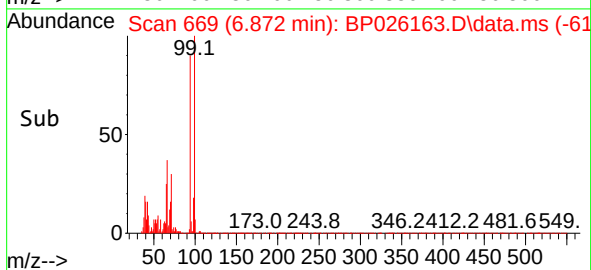
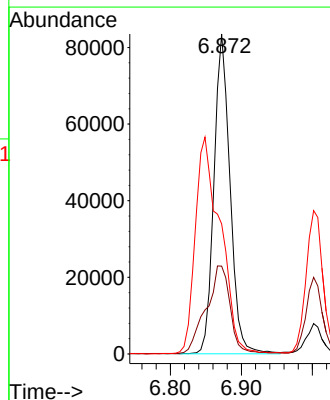
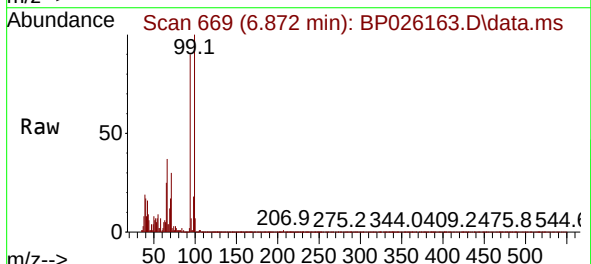
Instrument :
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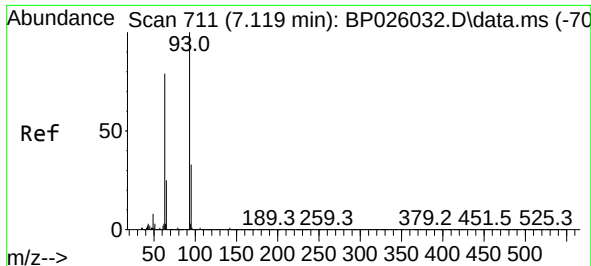
Tgt Ion:	77	Resp:	82832
Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.9	122.9
106	98.5	77.8	117.8



#10
Phenol
Concen: 7.250 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	94	Resp:	131241
Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.0	47.0
66	40.6	14.5	54.5

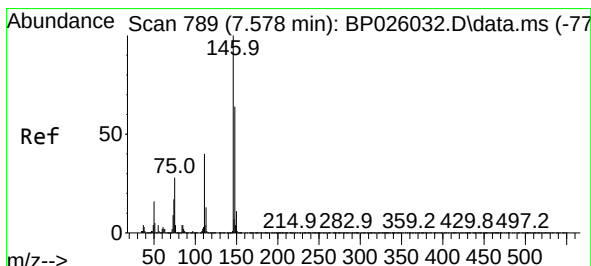
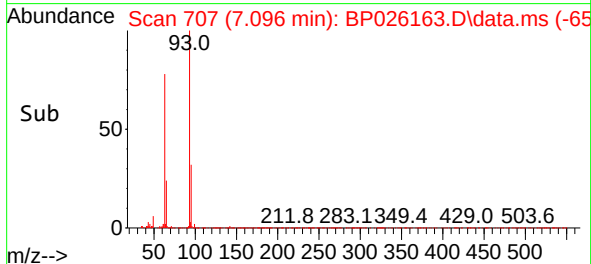
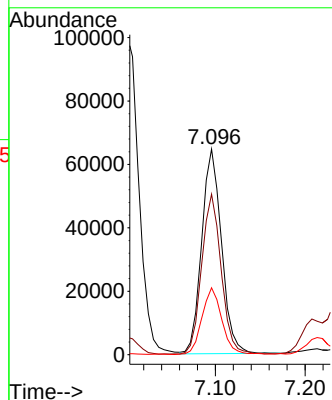
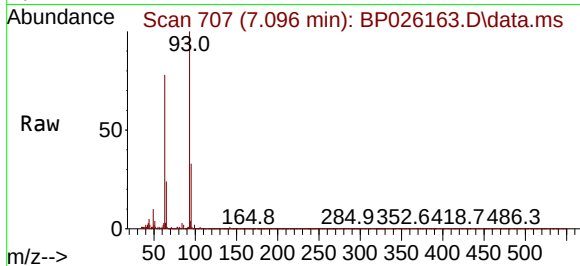




#11
bis(2-Chloroethyl)ether
Concen: 6.978 ng
RT: 7.096 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

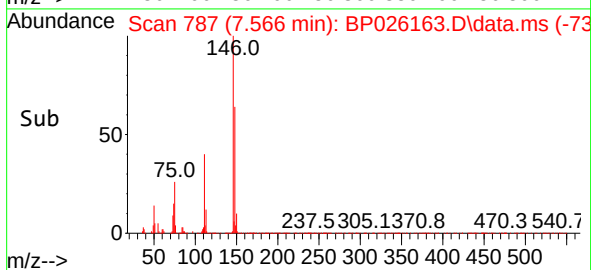
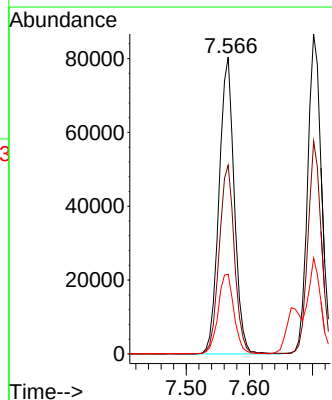
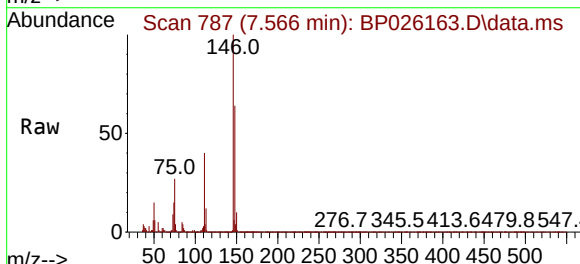
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

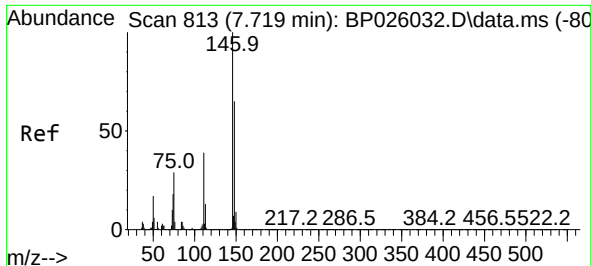
Tgt Ion: 93	Resp:	98901
Ion	Ratio	Lower Upper
93	100	
63	78.1	58.8 98.8
95	32.6	12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 8.311 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 146	Resp:	134523
Ion	Ratio	Lower Upper
146	100	
148	63.6	51.8 77.8
75	26.9	22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 8.085 ng

RT: 7.702 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

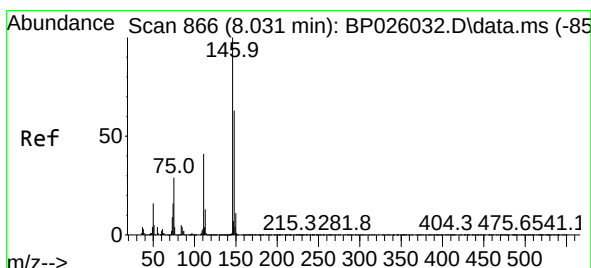
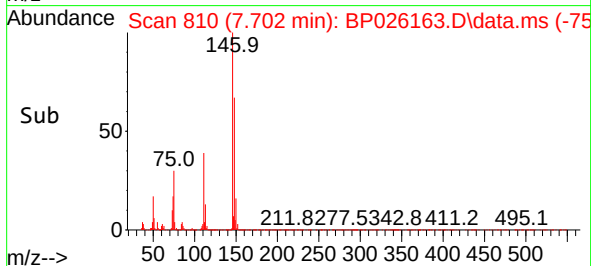
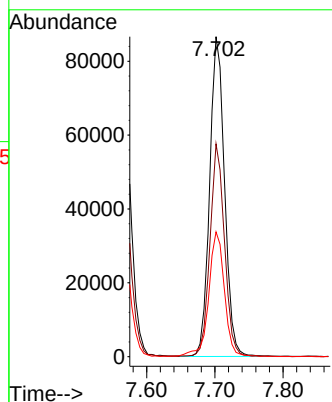
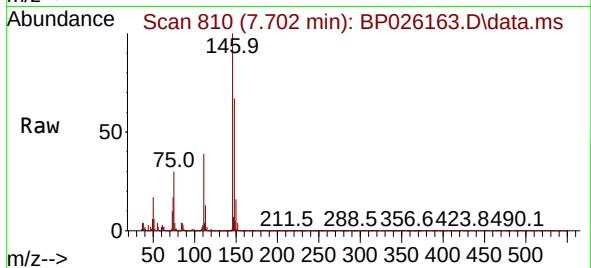
Tgt Ion:146 Resp: 131872

Ion Ratio Lower Upper

146 100

148 66.5 51.4 77.2

111 39.0 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 7.947 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

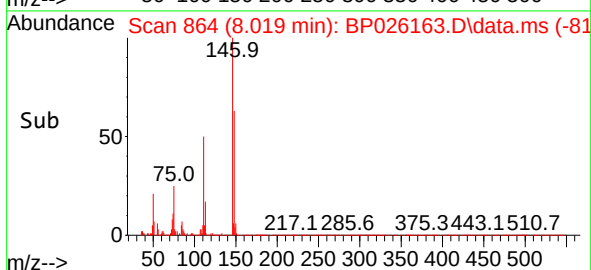
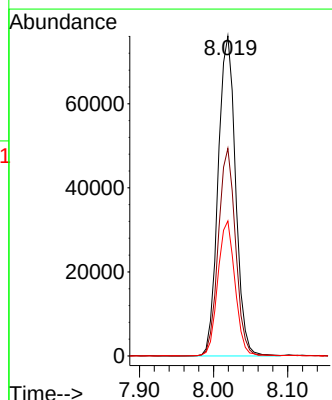
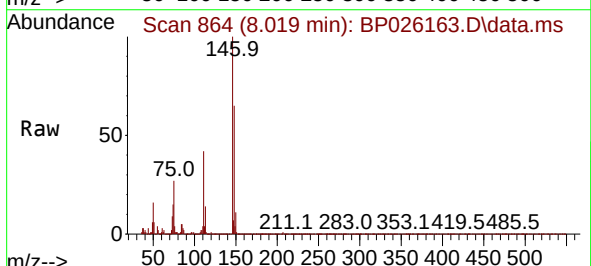
Tgt Ion:146 Resp: 124459

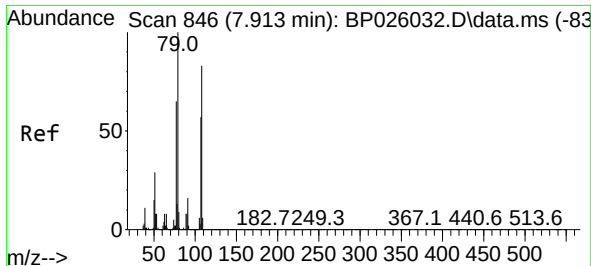
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

111 42.2 33.0 49.4

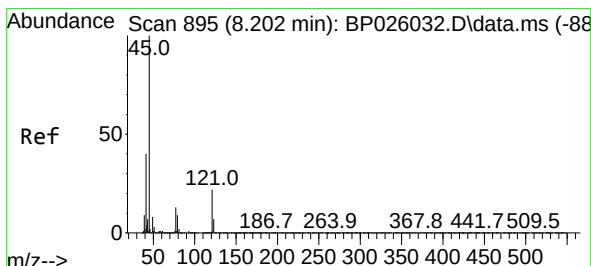
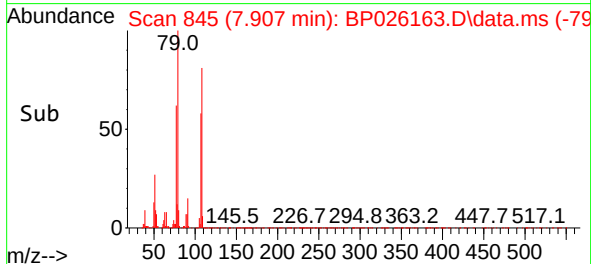
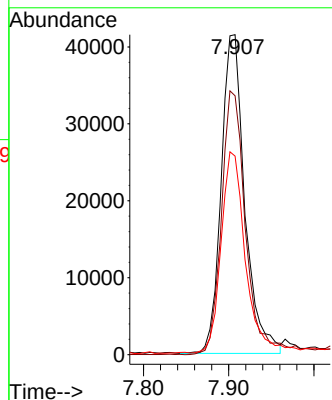
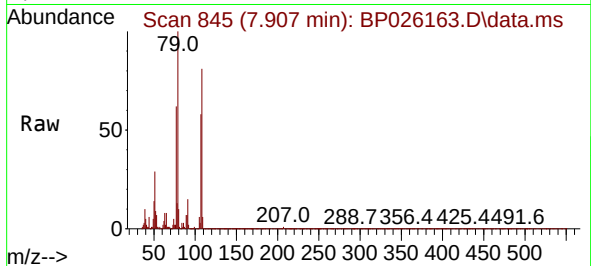




#15
Benzyl Alcohol
Concen: 6.489 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

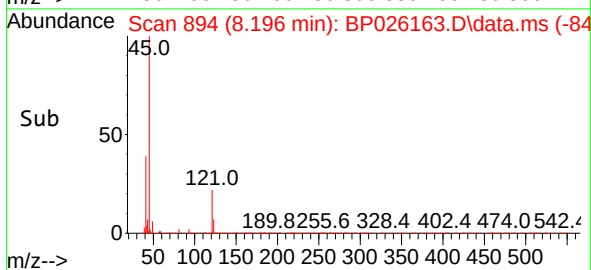
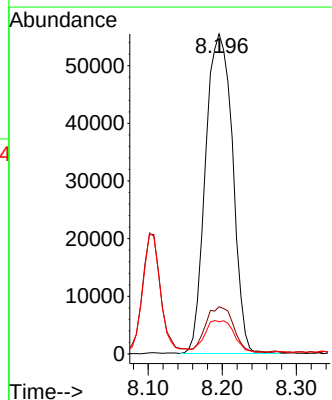
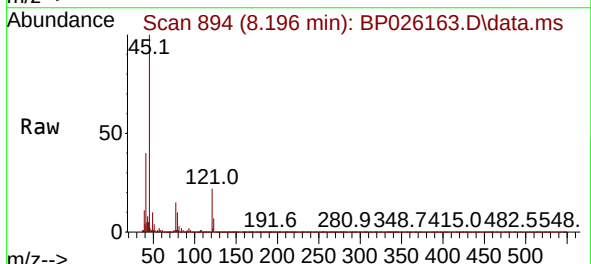
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

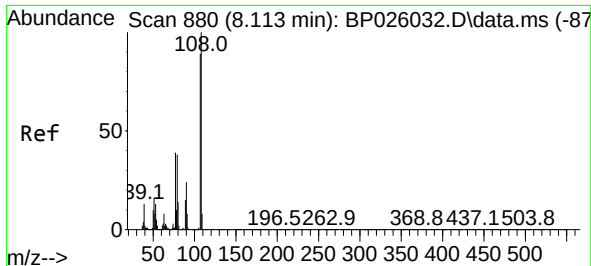
Tgt Ion: 79 Resp: 79882
Ion Ratio Lower Upper
79 100
108 80.9 66.2 99.4
77 62.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.056 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 45 Resp: 140453
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 10.1 0.0 30.4

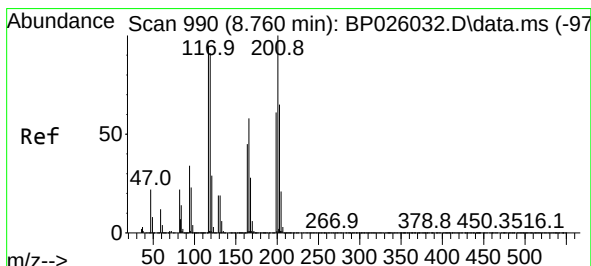
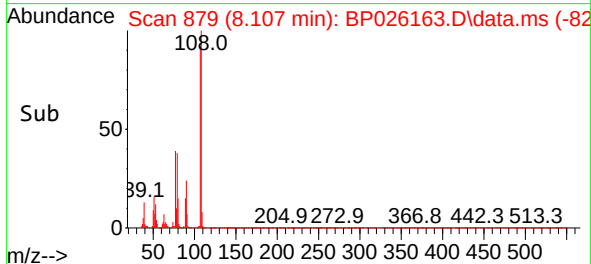
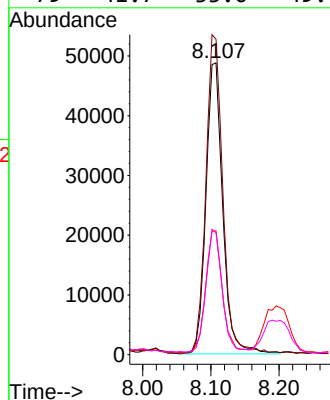
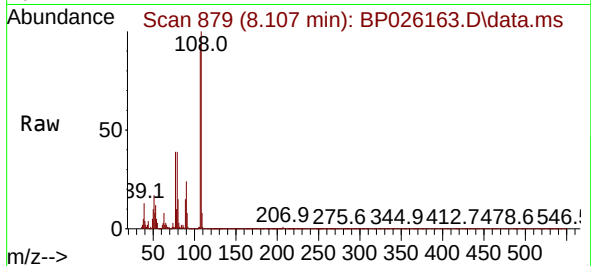




#17
2-Methylphenol
Concen: 6.817 ng
RT: 8.107 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

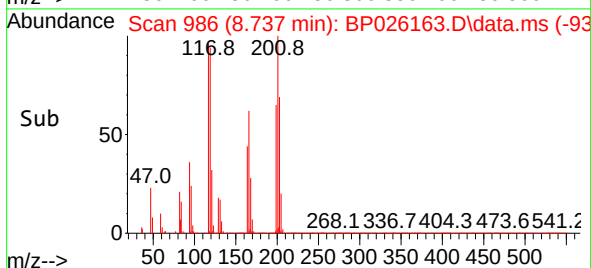
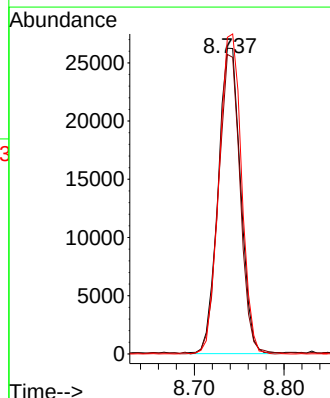
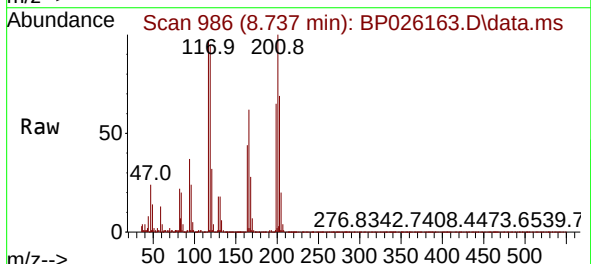
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

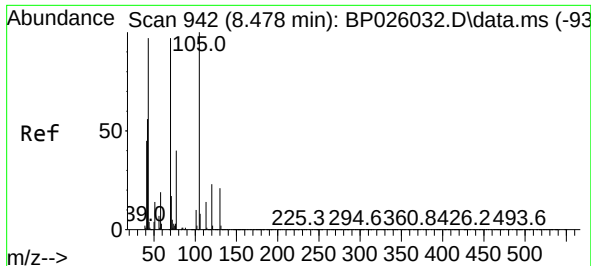
Tgt Ion:	107	Resp:	84008
Ion	Ratio	Lower	Upper
107	100		
108	108.1	89.7	134.5
77	42.5	33.9	50.9
79	41.7	33.0	49.4



#18
Hexachloroethane
Concen: 7.686 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	117	Resp:	45612
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.7	118.1
201	103.6	85.1	127.7

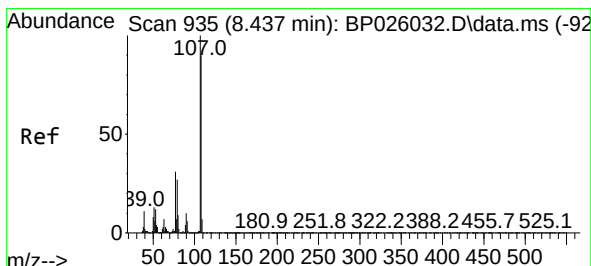
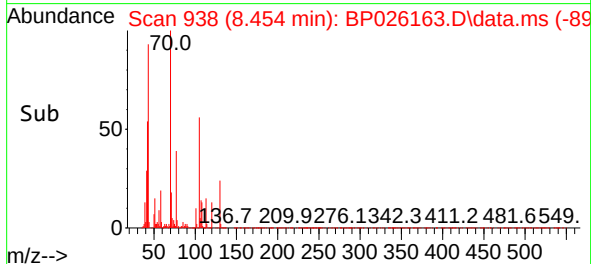
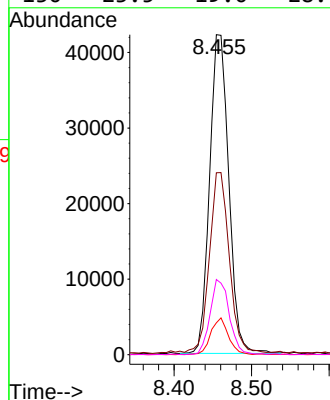
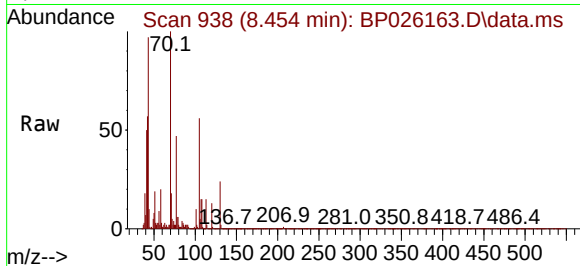




#19
n-Nitroso-di-n-propylamine
Concen: 6.943 ng
RT: 8.454 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

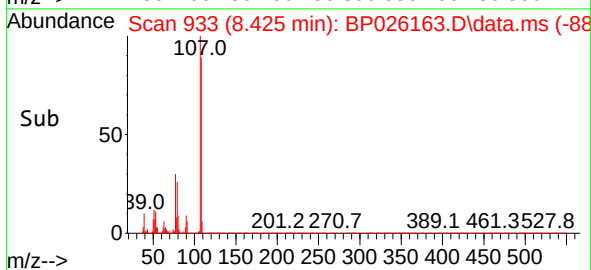
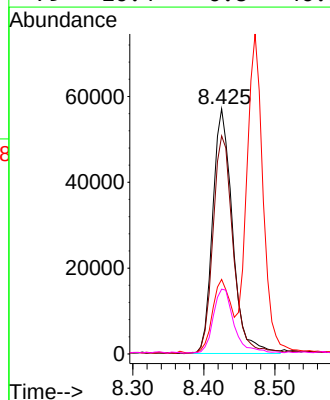
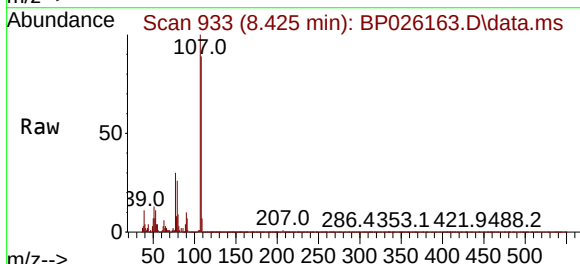
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

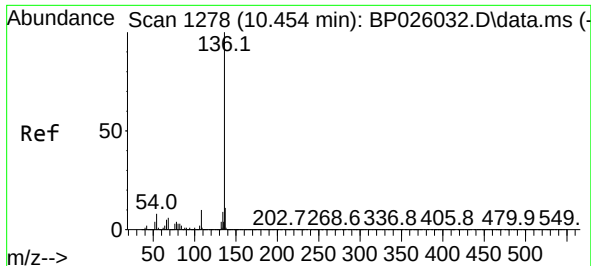
Tgt Ion:	70	Resp:	72479
Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.1	66.1
101	9.9	8.2	12.4
130	23.5	19.0	28.4



#20
3+4-Methylphenols
Concen: 6.456 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	107	Resp:	110242
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.9	108.9
77	30.5	10.4	50.4
79	26.4	6.8	46.8

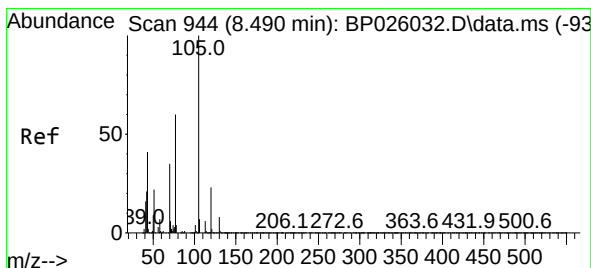
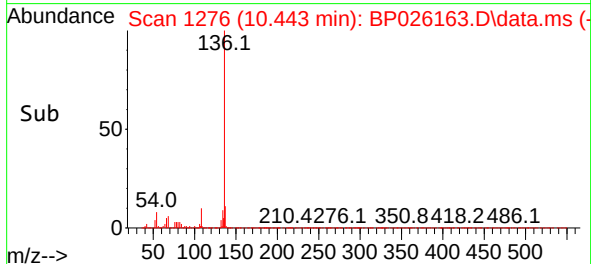
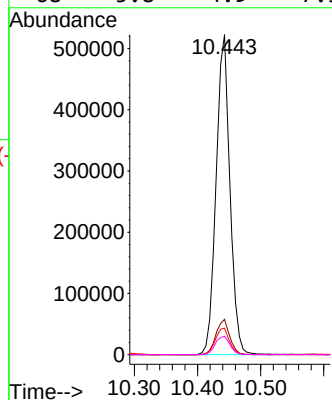
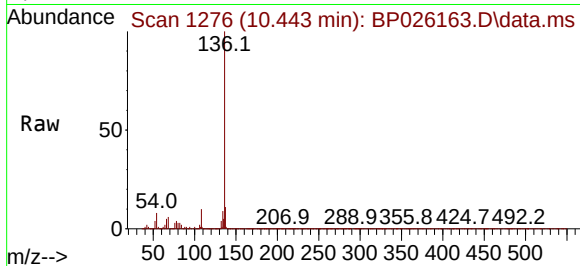




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

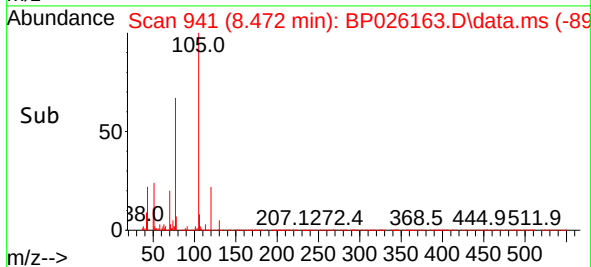
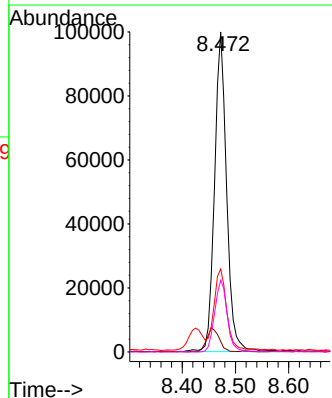
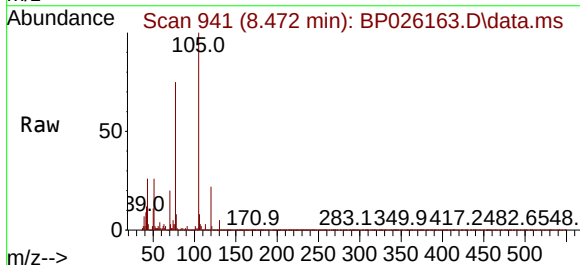
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

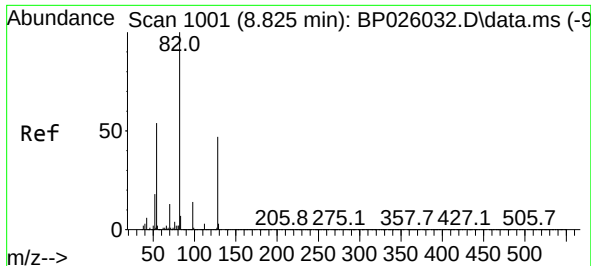
Tgt Ion:	136	Resp:	793256
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.3	6.4	9.6
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 7.820 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	105	Resp:	157675
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.0	4.4
51	25.9	20.5	30.7
120	22.4	18.2	27.2

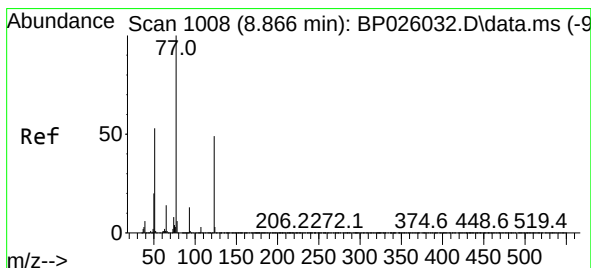
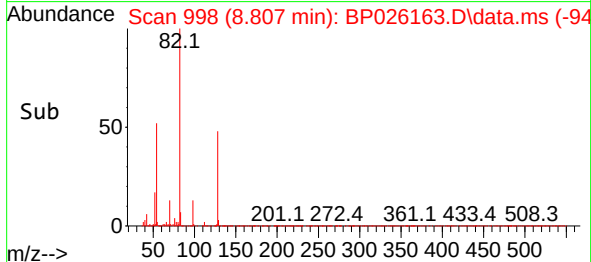
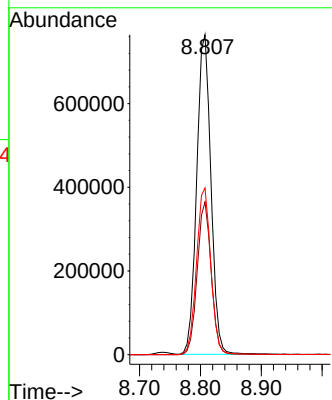
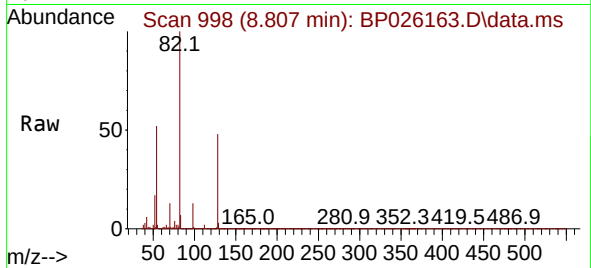




#23
Nitrobenzene-d5
Concen: 88.871 ng
RT: 8.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

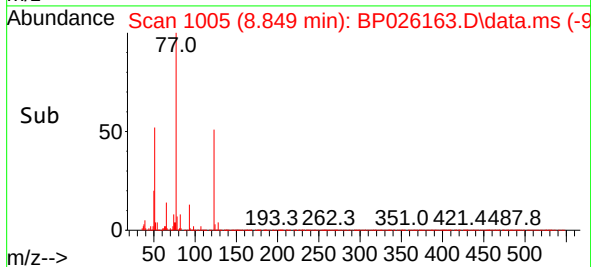
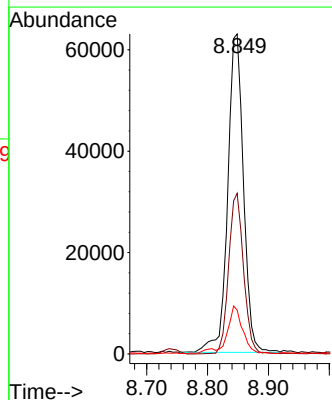
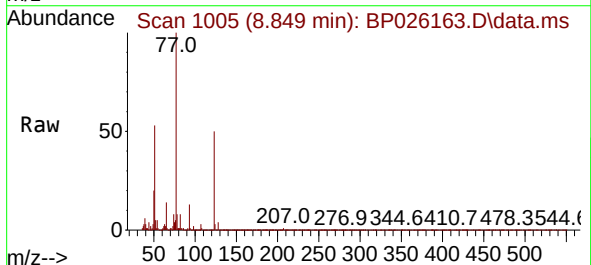
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

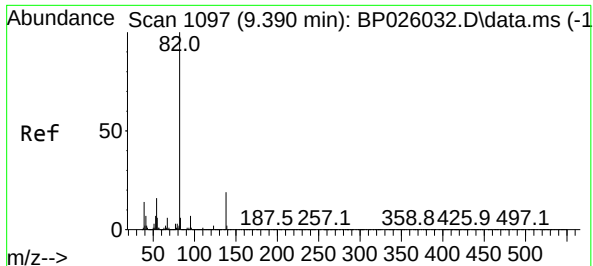
Tgt Ion: 82 Resp: 1241106
Ion Ratio Lower Upper
82 100
128 47.7 37.4 56.0
54 52.1 41.6 62.4



#24
Nitrobenzene
Concen: 8.009 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 77 Resp: 113137
Ion Ratio Lower Upper
77 100
123 50.2 39.8 59.8
65 13.7 11.2 16.8

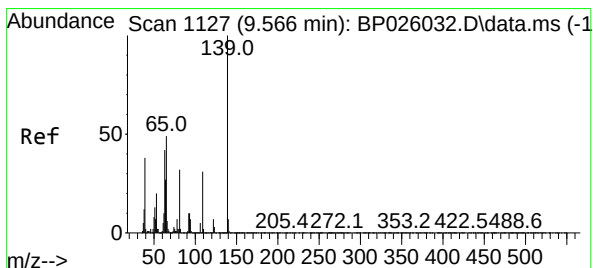
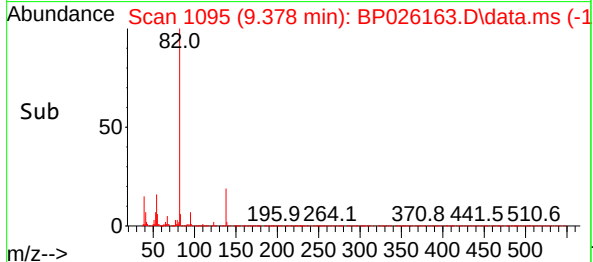
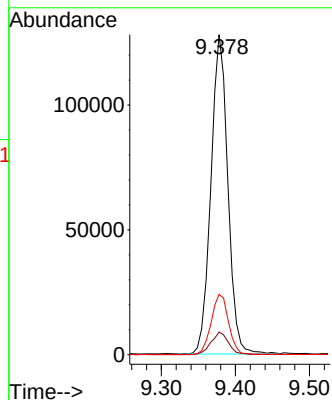
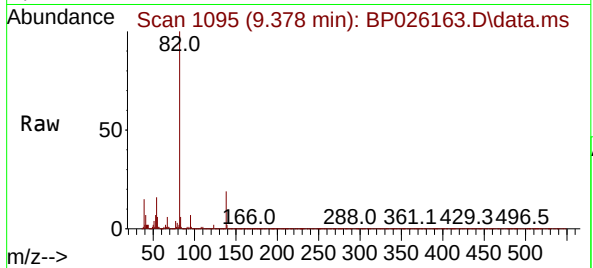




#25
Isophorone
Concen: 7.338 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

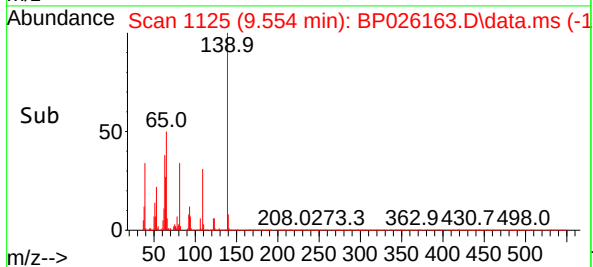
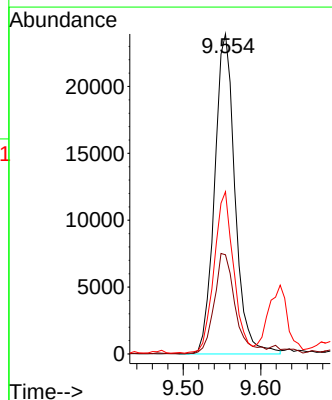
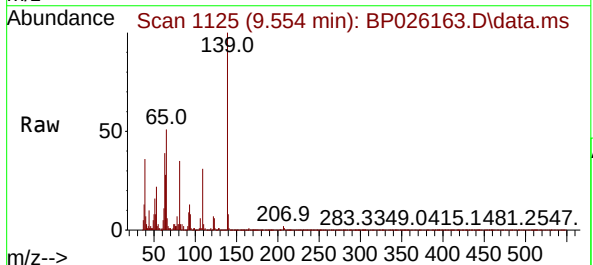
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

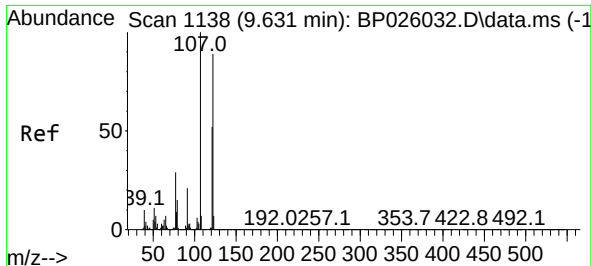
Tgt Ion: 82 Resp: 203147
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.9 15.4 23.0



#26
2-Nitrophenol
Concen: 6.127 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion: 139 Resp: 43795
Ion Ratio Lower Upper
139 100
109 31.0 22.3 33.5
65 50.7 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 6.781 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

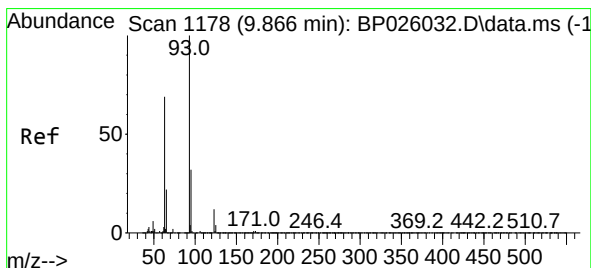
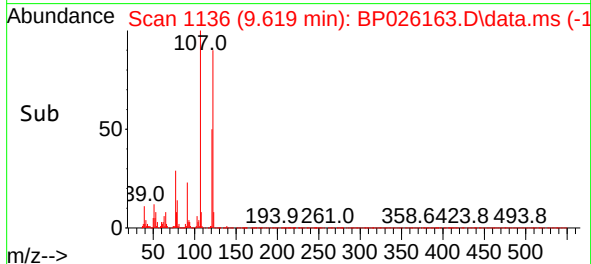
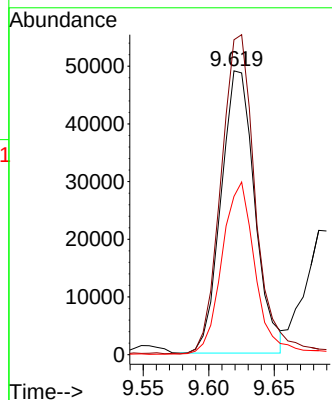
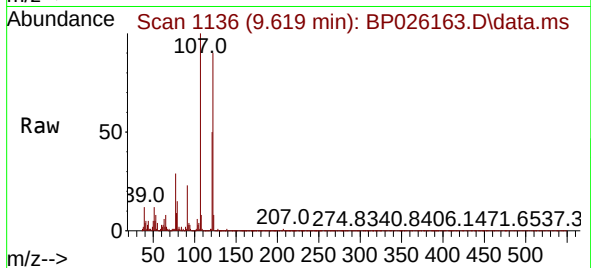
Tgt Ion:122 Resp: 87399

Ion Ratio Lower Upper

122 100

107 110.9 91.0 136.6

121 55.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 7.498 ng

RT: 9.849 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

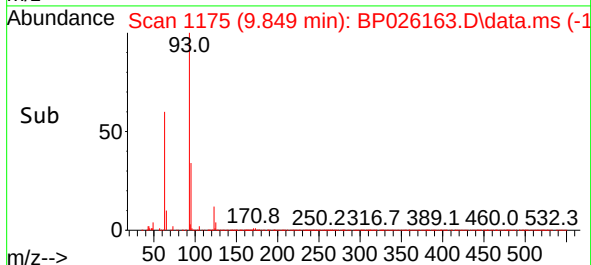
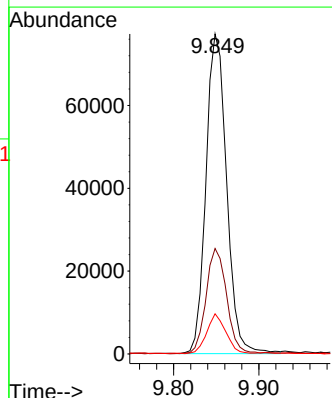
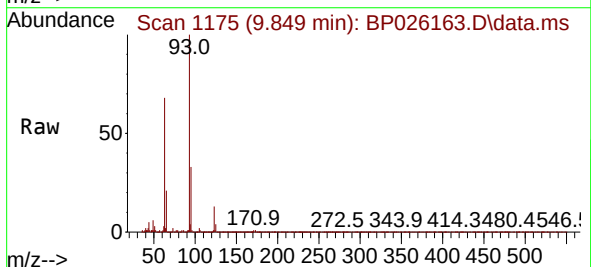
Tgt Ion: 93 Resp: 130008

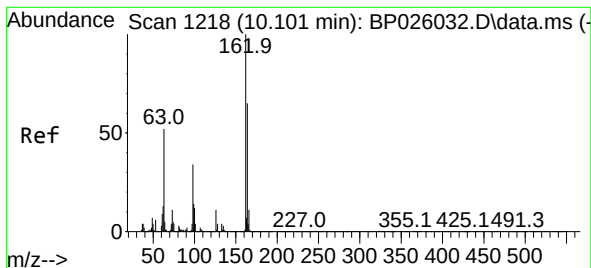
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 12.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 7.041 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

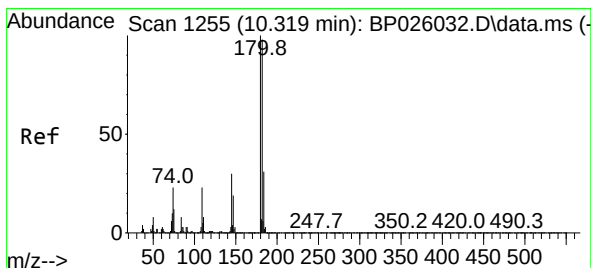
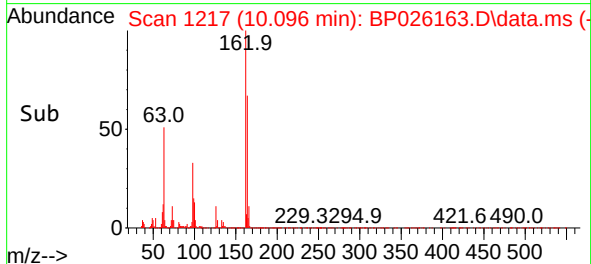
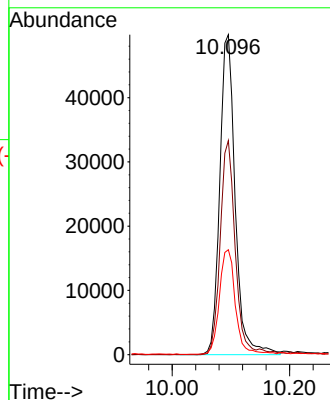
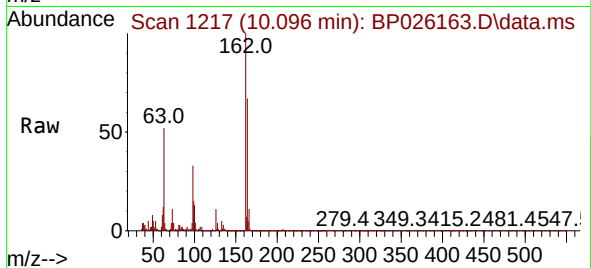
Tgt Ion:162 Resp: 90703

Ion Ratio Lower Upper

162 100

164 66.9 43.8 83.8

98 32.8 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 8.288 ng

RT: 10.301 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

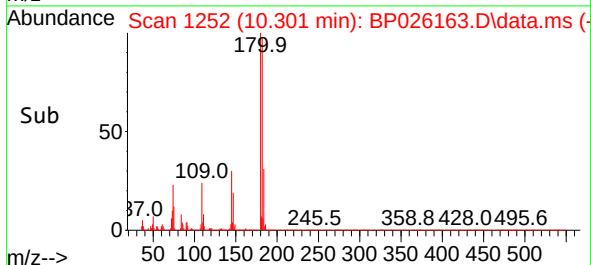
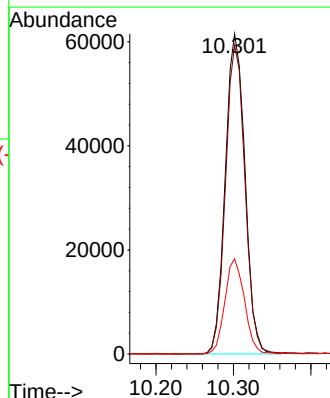
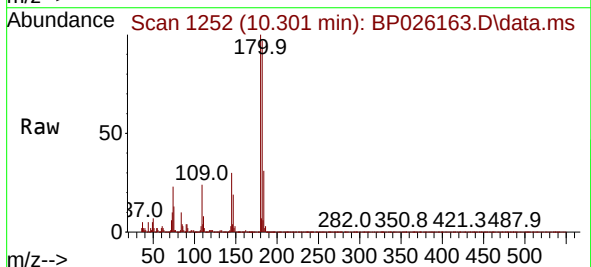
Tgt Ion:180 Resp: 108727

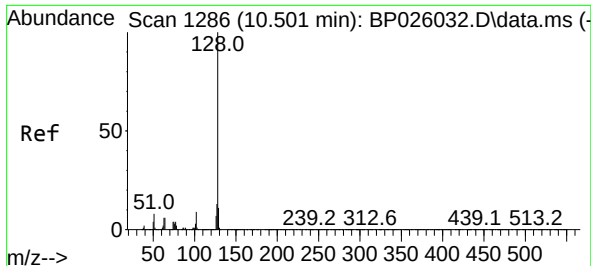
Ion Ratio Lower Upper

180 100

182 96.5 78.1 117.1

145 29.8 24.2 36.4

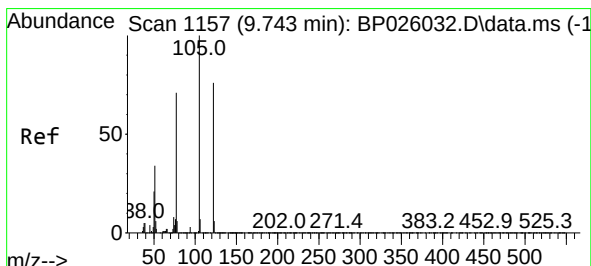
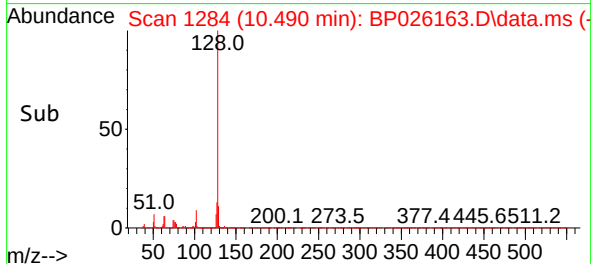
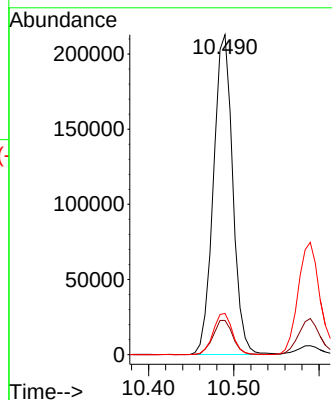
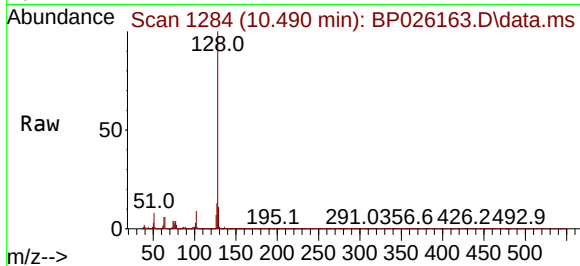




#31
Naphthalene
Concen: 7.809 ng
RT: 10.490 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

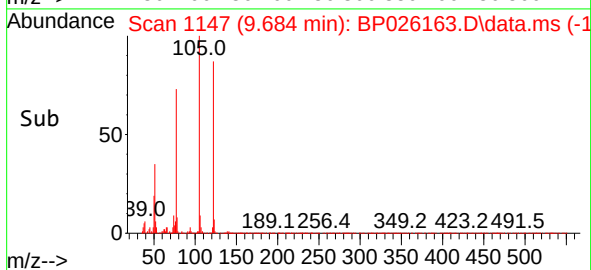
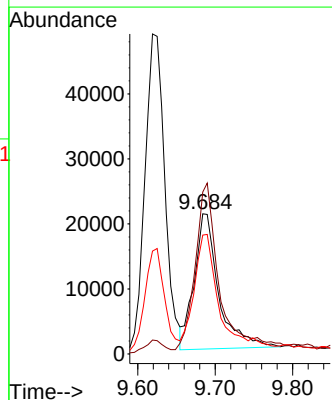
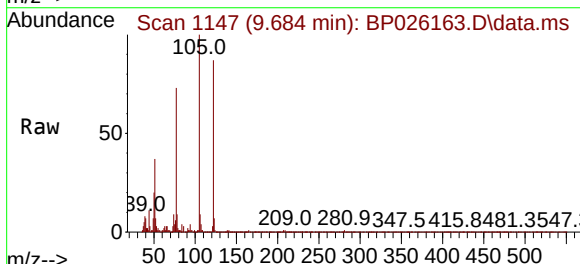
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

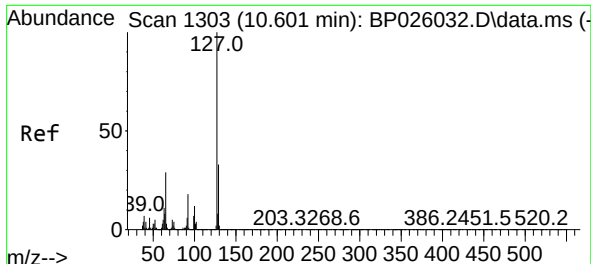
Tgt Ion:128 Resp: 334797
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 4.221 ng
RT: 9.684 min Scan# 1147
Delta R.T. -0.082 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:122 Resp: 45812
Ion Ratio Lower Upper
122 100
105 115.5 100.1 140.1
77 84.8 66.7 106.7

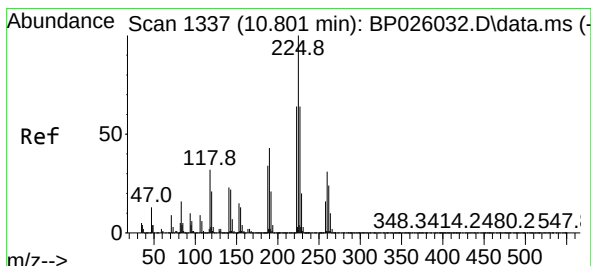
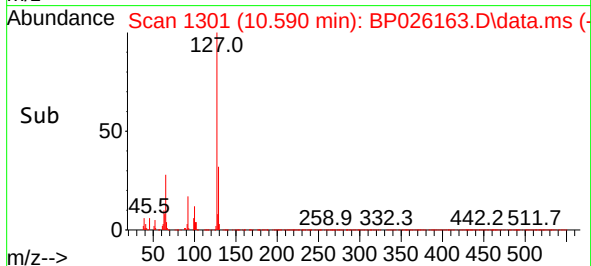
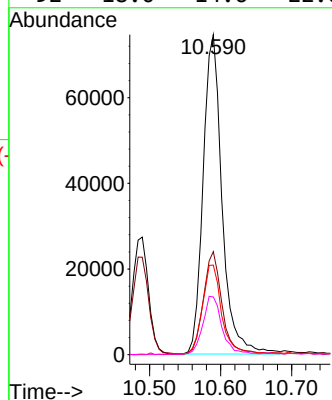
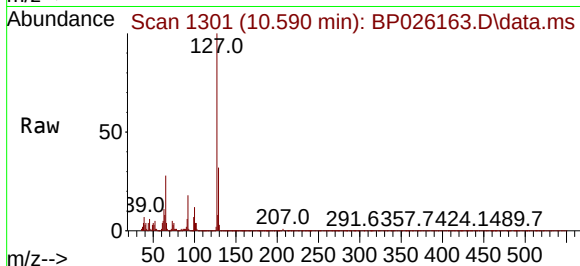




#33
4-Chloroaniline
Concen: 7.599 ng
RT: 10.590 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

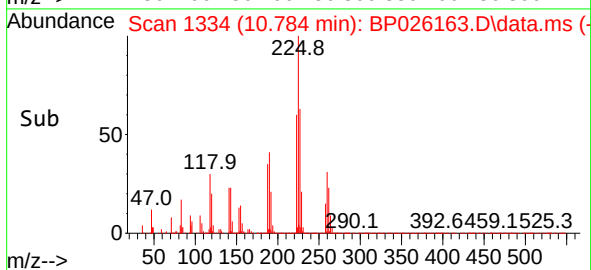
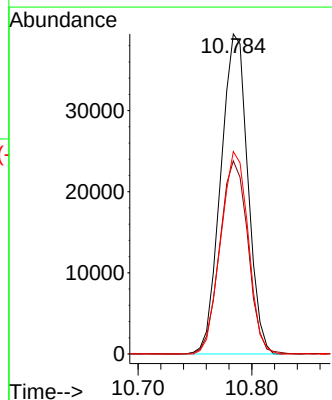
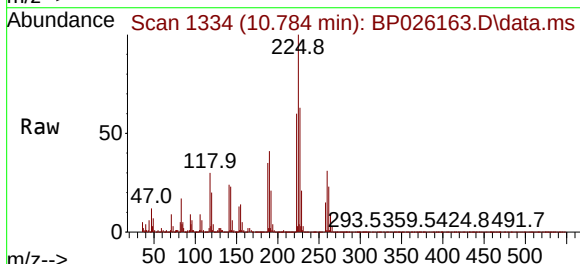
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

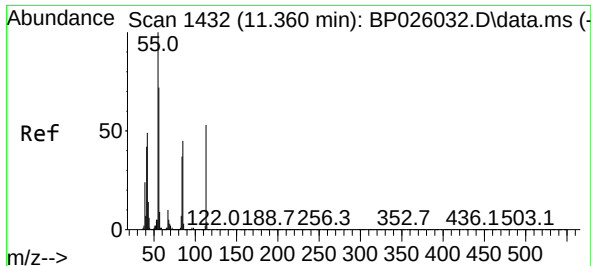
Tgt Ion:	127	Resp:	138545
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	28.0	22.7	34.1
92	18.0	14.6	22.0



#34
Hexachlorobutadiene
Concen: 7.641 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	225	Resp:	65192
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.6	74.4
227	63.2	51.2	76.8

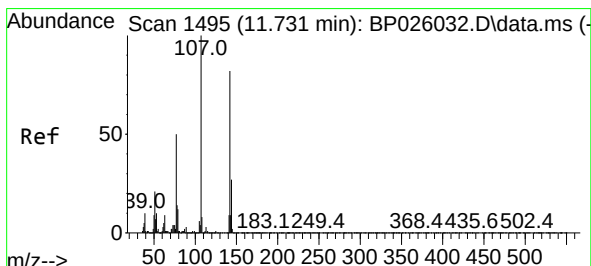
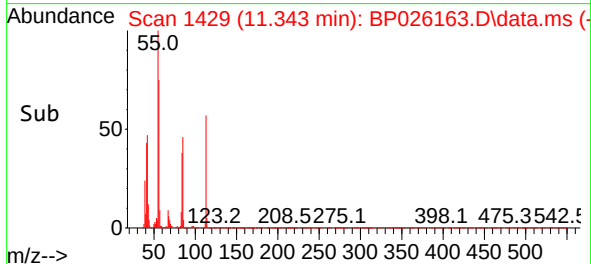
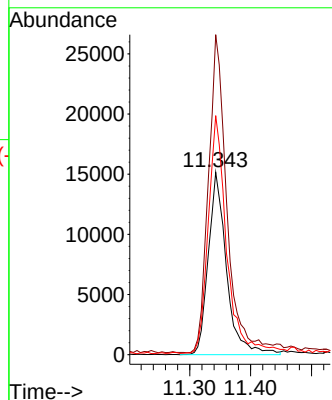
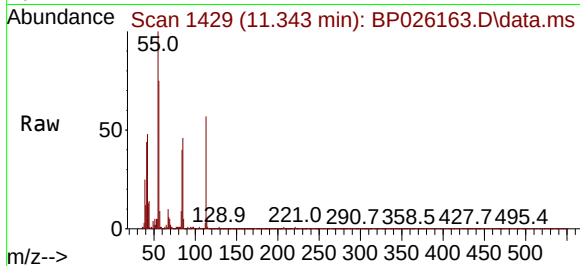




#35
Caprolactam
Concen: 6.844 ng
RT: 11.343 min Scan# 1429
Delta R.T. -0.035 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

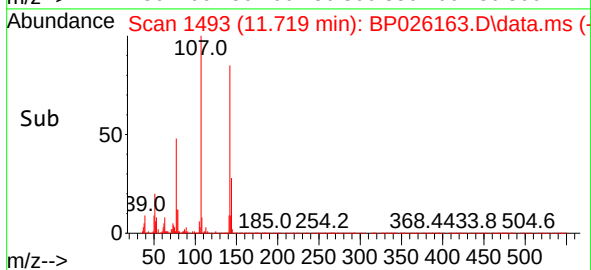
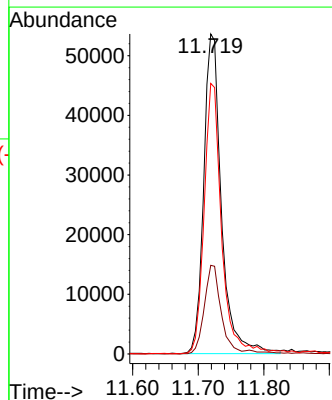
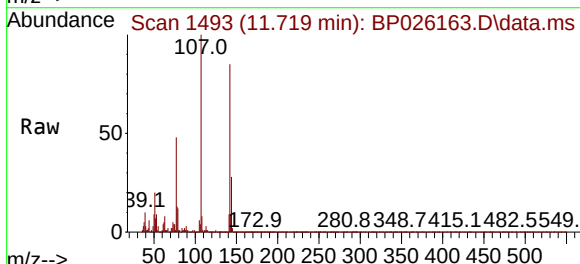
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

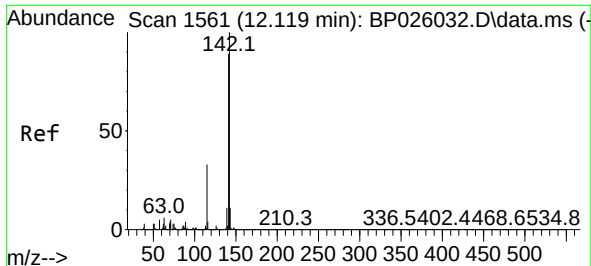
Tgt Ion:113 Resp: 31572
Ion Ratio Lower Upper
113 100
55 175.4 153.0 193.0
56 131.0 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 7.363 ng
RT: 11.719 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:107 Resp: 100820
Ion Ratio Lower Upper
107 100
144 27.7 21.6 32.4
142 84.6 65.6 98.4

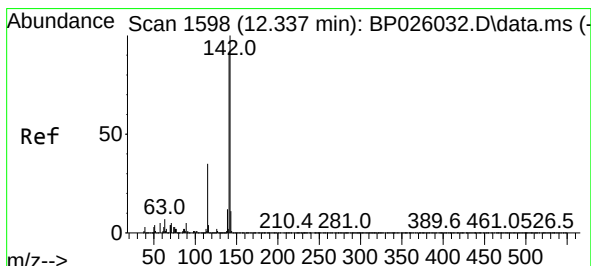
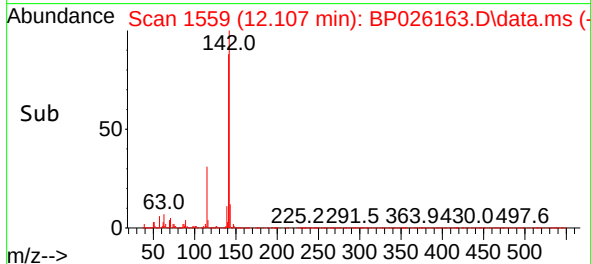
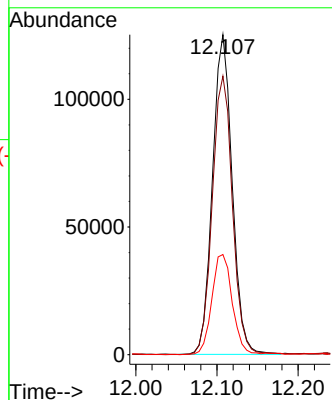
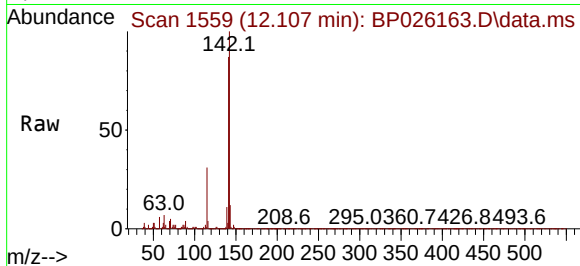




#37
2-Methylnaphthalene
Concen: 6.933 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

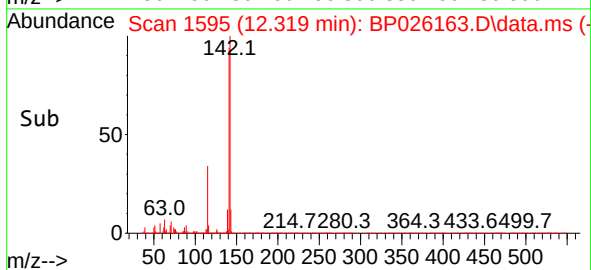
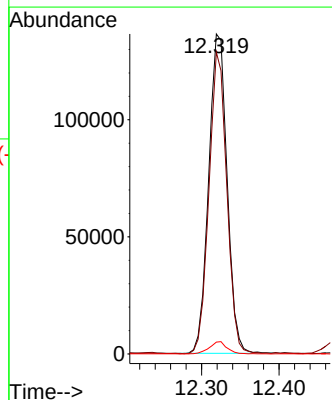
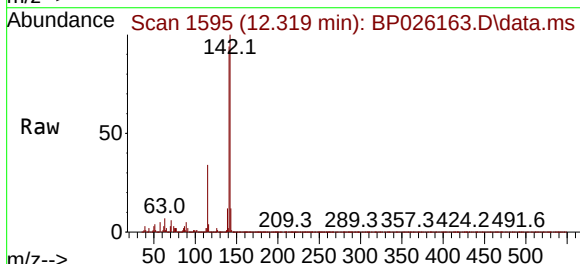
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

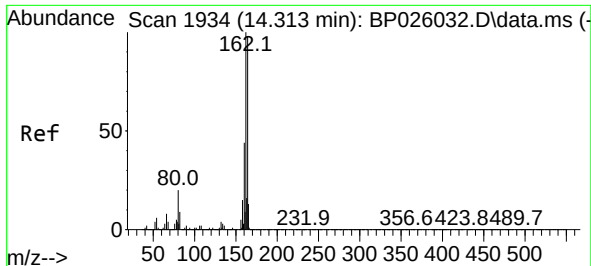
Tgt Ion:142 Resp: 210719
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.6
115 31.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 7.586 ng
RT: 12.319 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:142 Resp: 225368
Ion Ratio Lower Upper
142 100
141 94.3 73.5 110.3
116 3.7 3.0 4.4

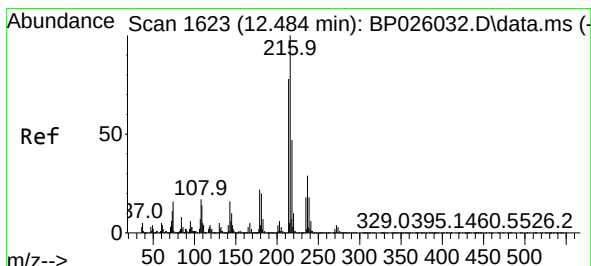
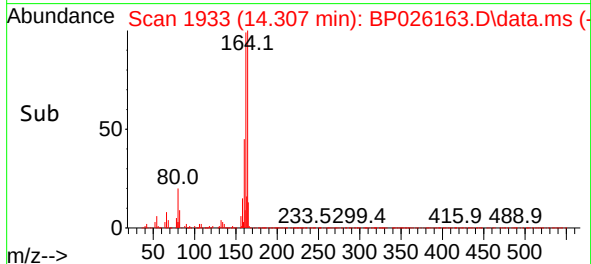
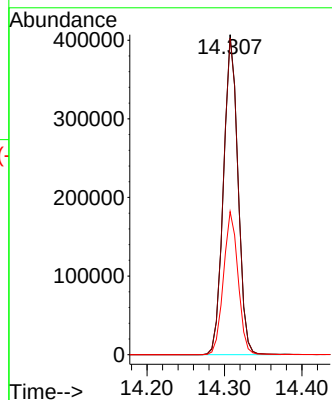
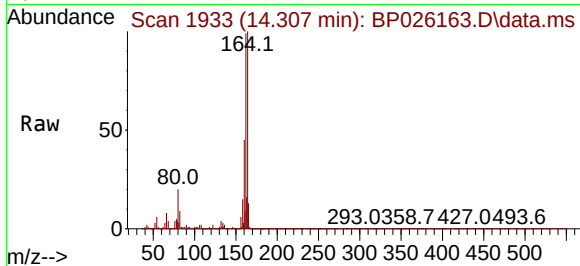




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

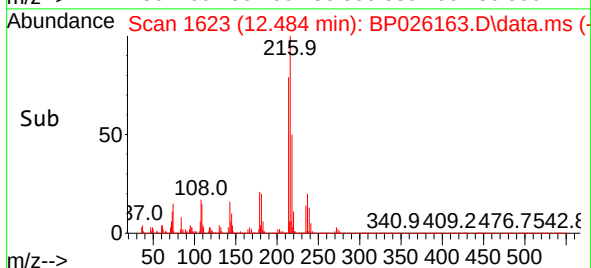
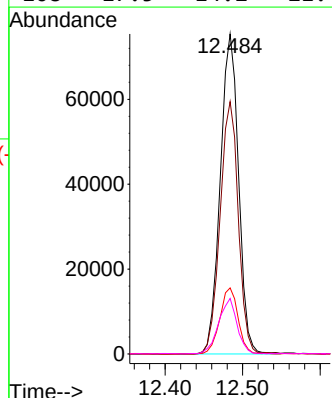
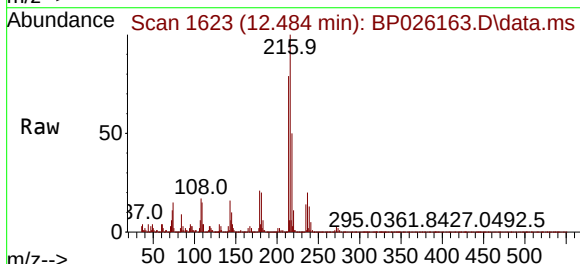
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

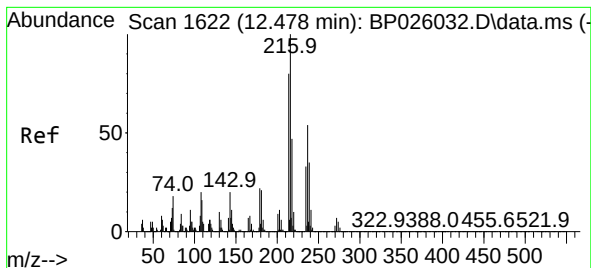
Tgt Ion:164 Resp: 527477
Ion Ratio Lower Upper
164 100
162 99.0 80.3 120.5
160 44.7 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.754 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:216 Resp: 123679
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 20.6 16.6 25.0
108 17.5 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 5.602 ng

RT: 12.472 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

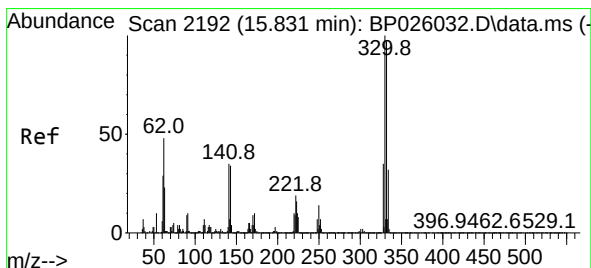
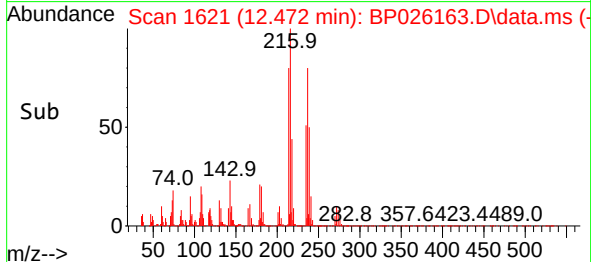
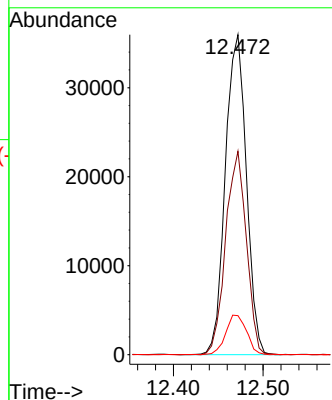
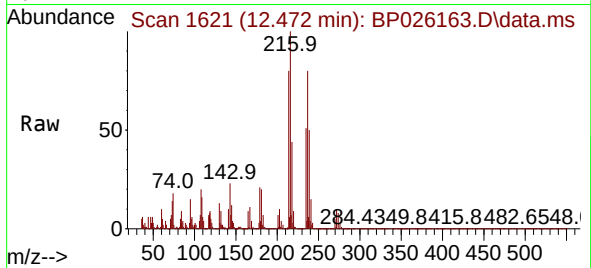
Tgt Ion:237 Resp: 58479

Ion Ratio Lower Upper

237 100

235 63.5 43.3 83.3

272 12.2 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 124.053 ng

RT: 15.819 min Scan# 2190

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

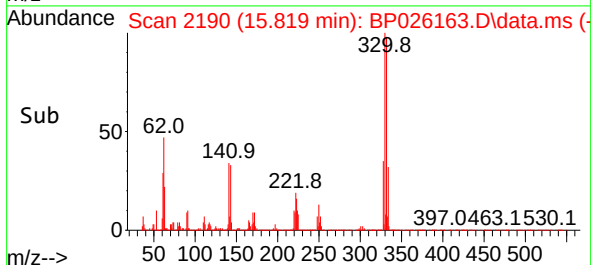
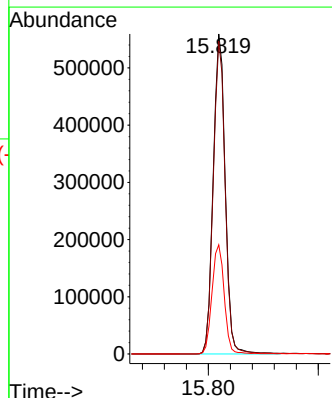
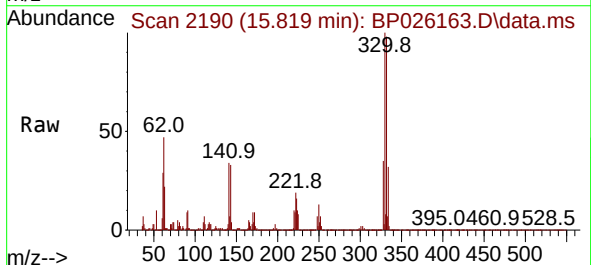
Tgt Ion:330 Resp: 848855

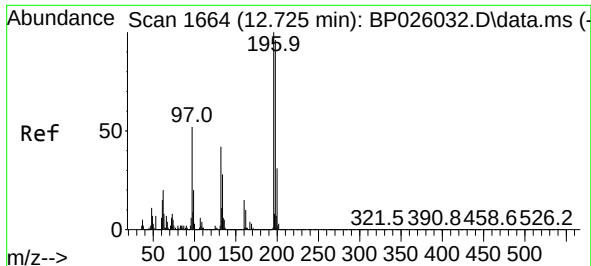
Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 34.8 26.8 40.2

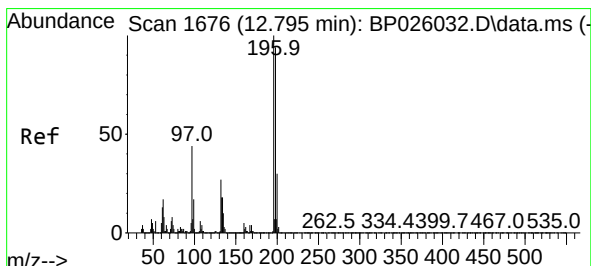
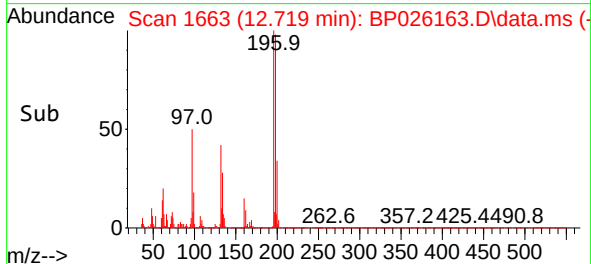
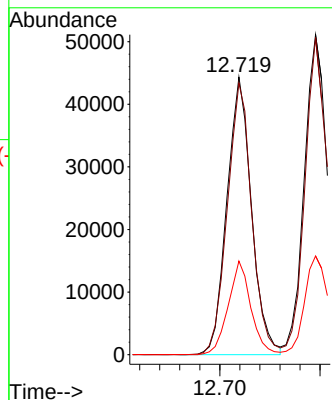
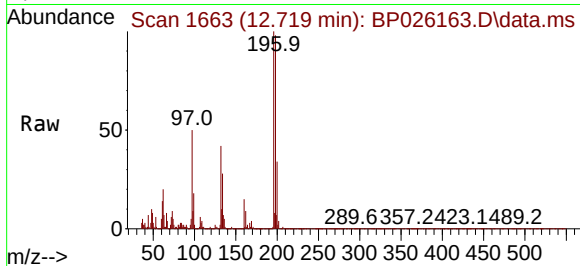




#43
2,4,6-Trichlorophenol
Concen: 6.893 ng
RT: 12.719 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

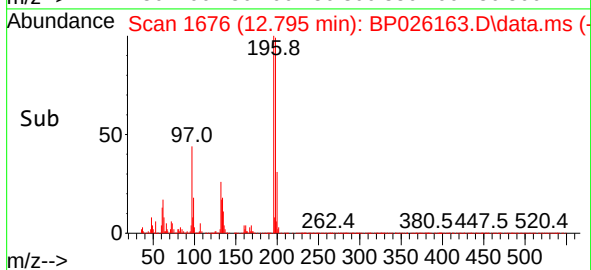
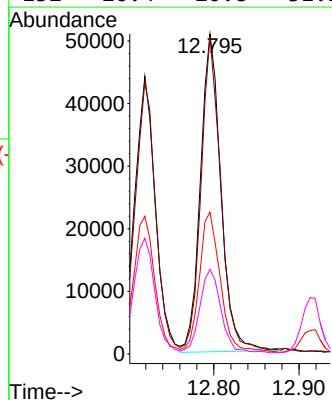
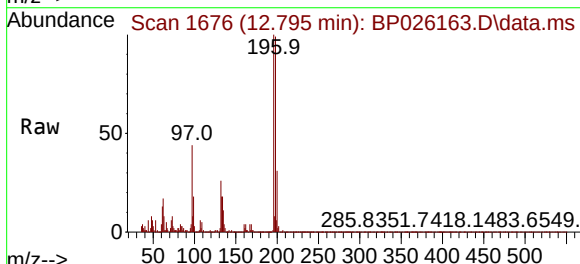
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

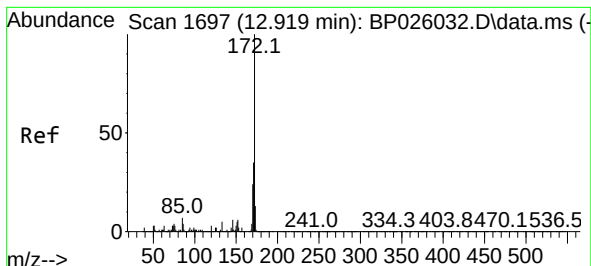
Tgt Ion:196 Resp: 75369
Ion Ratio Lower Upper
196 100
198 97.9 76.9 115.3
200 33.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 6.943 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:196 Resp: 84737
Ion Ratio Lower Upper
196 100
198 99.1 76.4 114.6
97 44.3 35.7 53.5
132 26.4 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 87.947 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

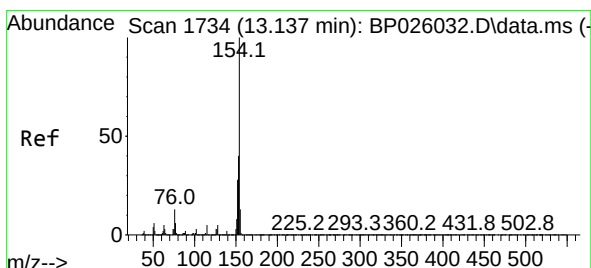
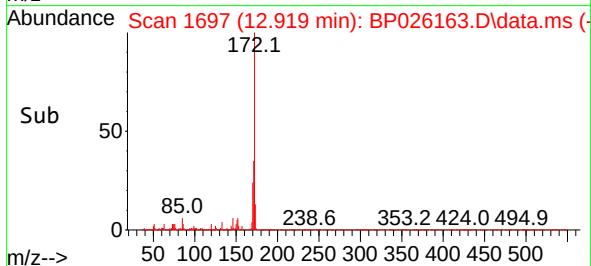
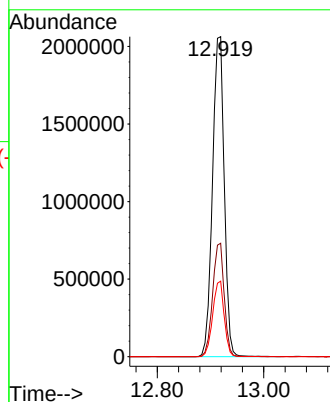
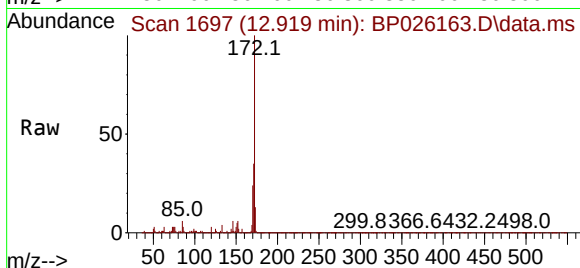
Tgt Ion:172 Resp: 3165273

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 7.932 ng

RT: 13.131 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

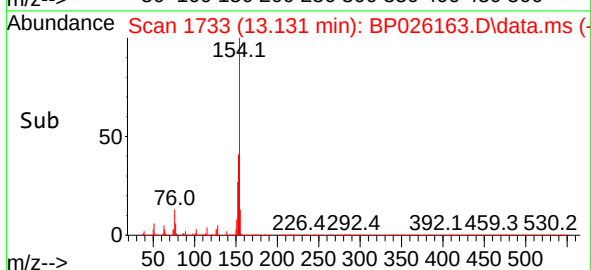
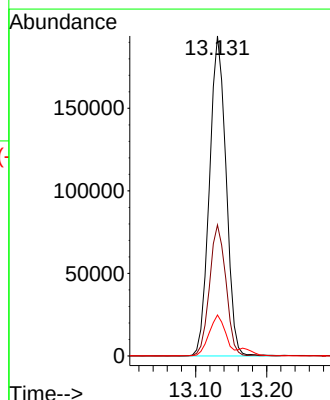
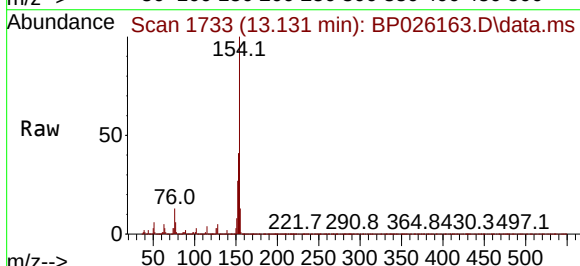
Tgt Ion:154 Resp: 315052

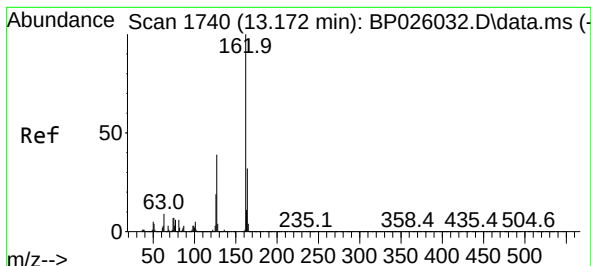
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 12.8 0.0 32.3

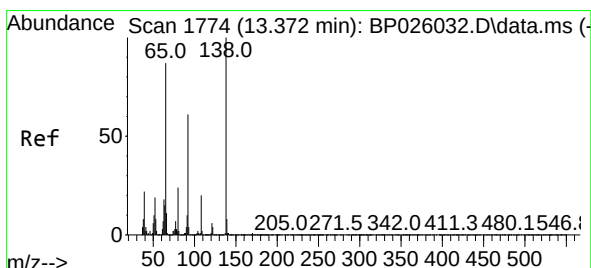
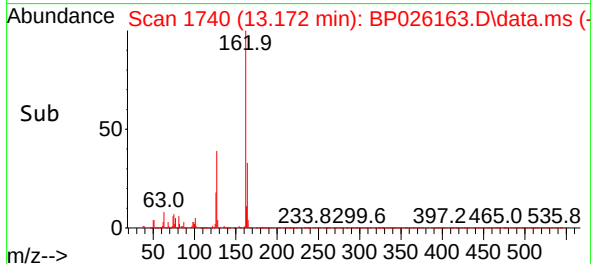
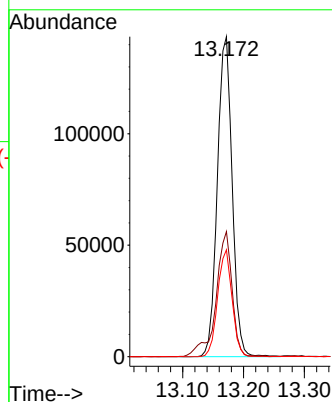
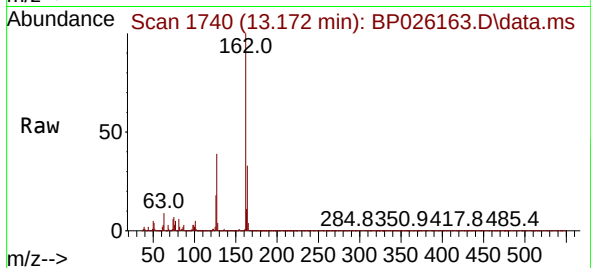




#47
2-Chloronaphthalene
Concen: 7.745 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

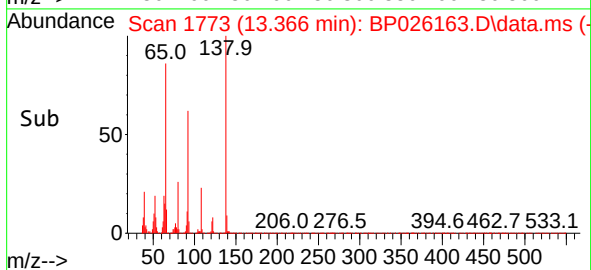
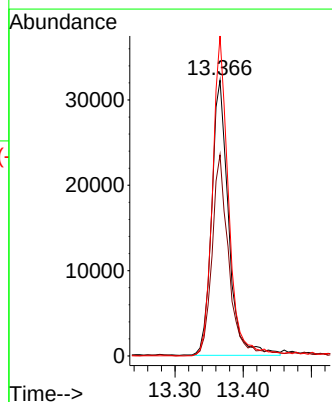
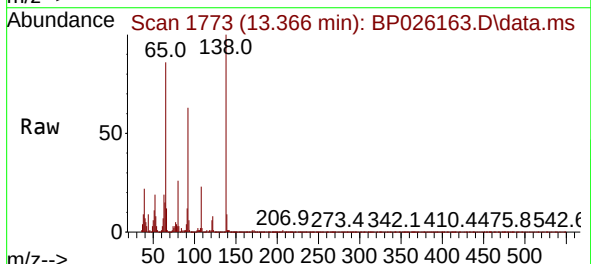
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

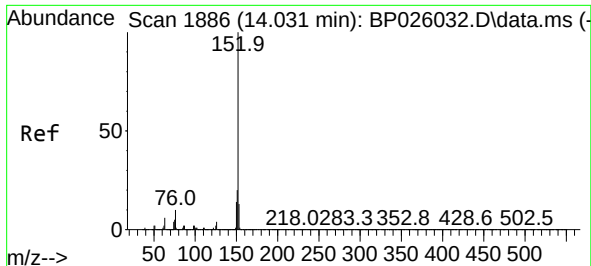
Tgt Ion:	162	Resp:	241910
Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.9	46.3
164	33.4	26.4	39.6



#48
2-Nitroaniline
Concen: 6.394 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	65	Resp:	55535
Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.1	88.7
138	116.0	96.6	145.0

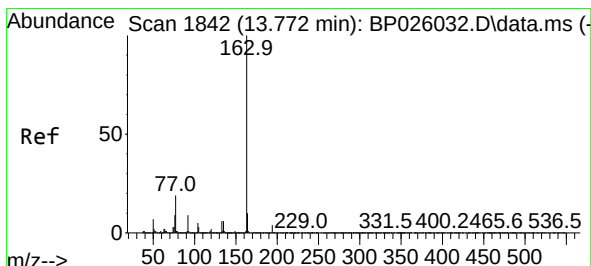
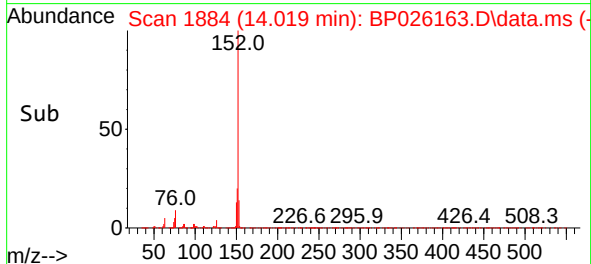
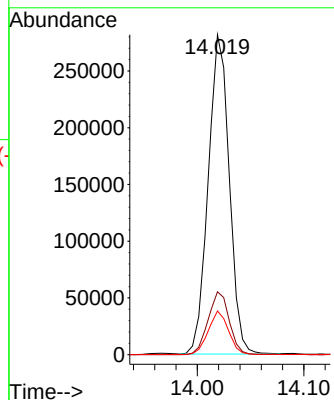
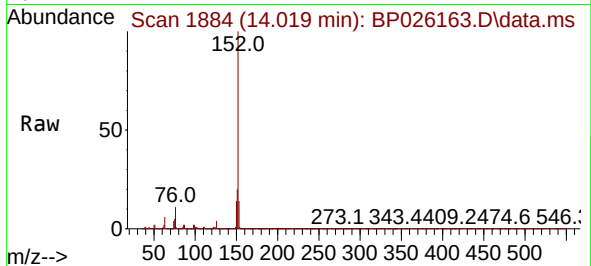




#49
Acenaphthylene
Concen: 7.496 ng
RT: 14.019 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

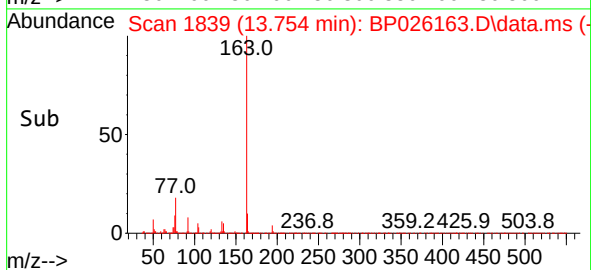
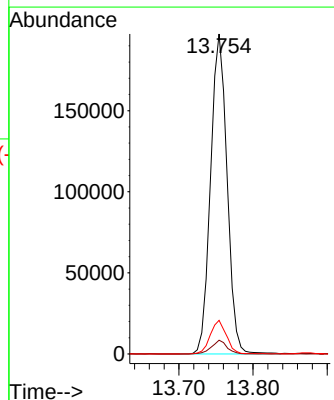
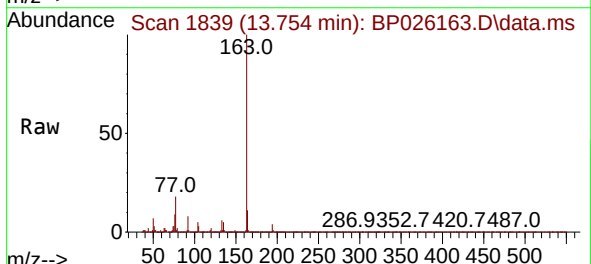
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

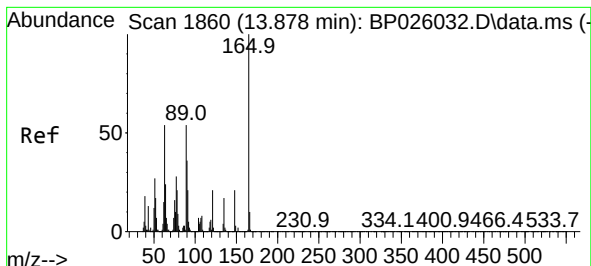
Tgt Ion:152 Resp: 386194
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.6 10.6 16.0



#50
Dimethylphthalate
Concen: 7.750 ng
RT: 13.754 min Scan# 1839
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:163 Resp: 305345
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.2 12.2

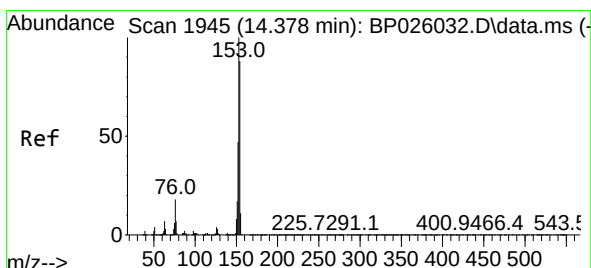
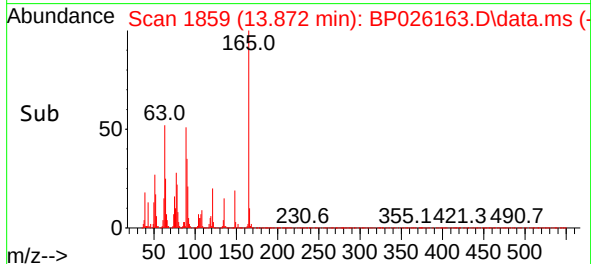
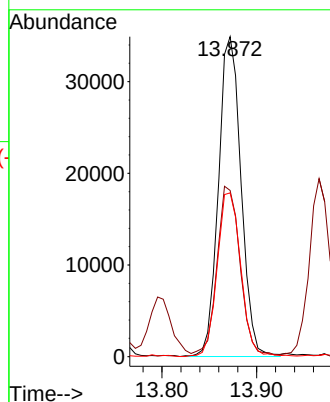
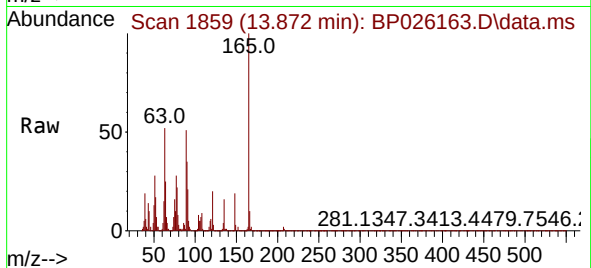




#51
2,6-Dinitrotoluene
Concen: 7.407 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

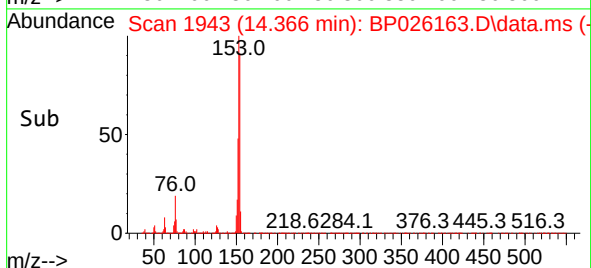
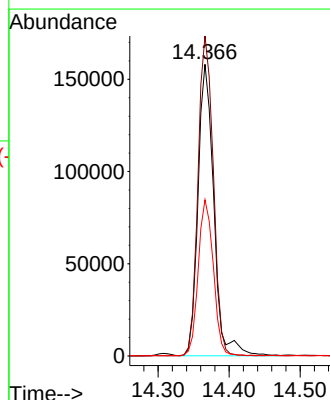
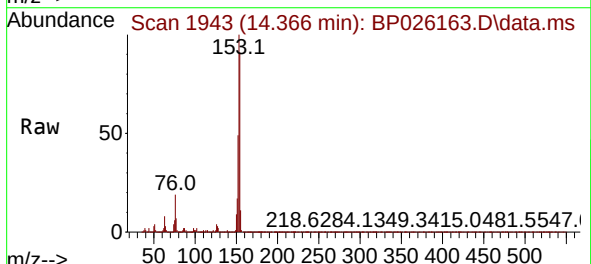
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

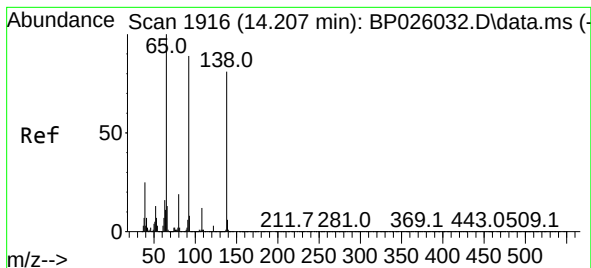
Tgt Ion:	165	Resp:	57824
Ion Ratio	Lower	Upper	
165	100		
63	51.9	40.5	60.7
89	51.2	41.3	61.9



#52
Acenaphthene
Concen: 8.119 ng
RT: 14.366 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	154	Resp:	245115
Ion Ratio	Lower	Upper	
154	100		
153	109.7	90.7	136.1
152	53.5	42.8	64.2

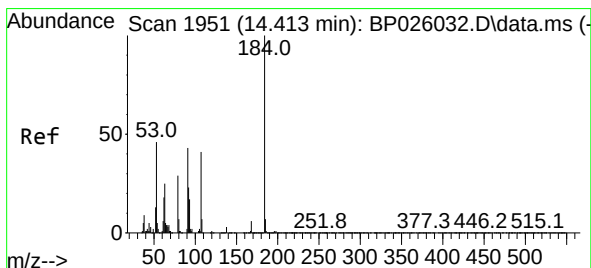
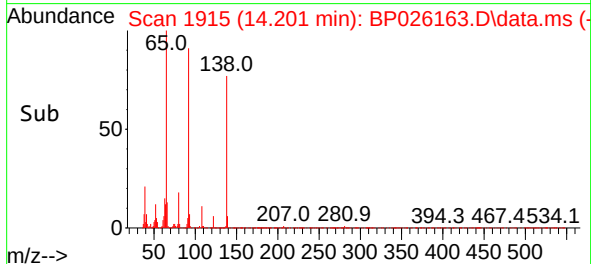
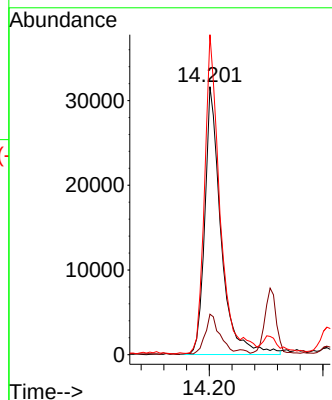
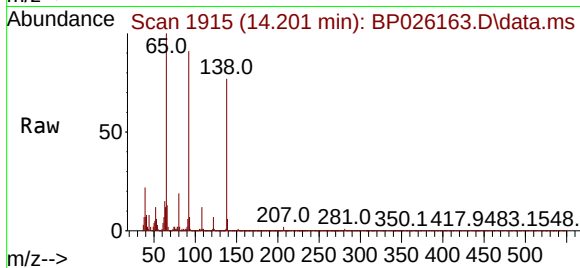




#53
3-Nitroaniline
Concen: 6.791 ng
RT: 14.201 min Scan# 1916
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

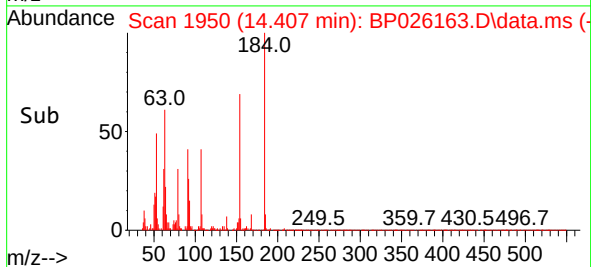
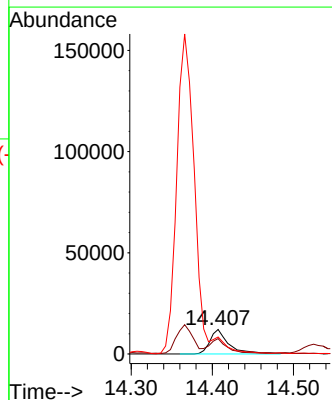
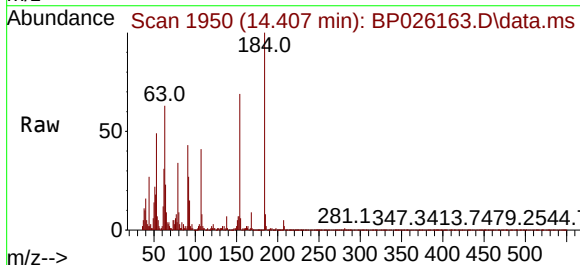
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

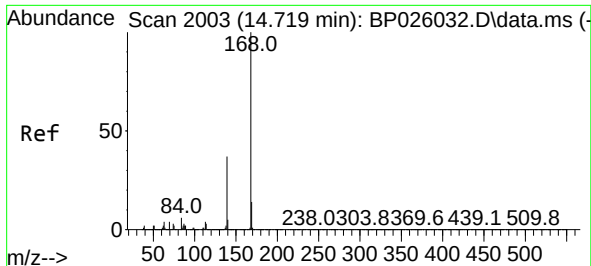
Tgt Ion:138 Resp: 62423
Ion Ratio Lower Upper
138 100
108 15.1 8.9 13.3#
92 119.4 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 4.187 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:184 Resp: 19730
Ion Ratio Lower Upper
184 100
63 63.1 43.1 64.7
154 69.3 49.5 74.3

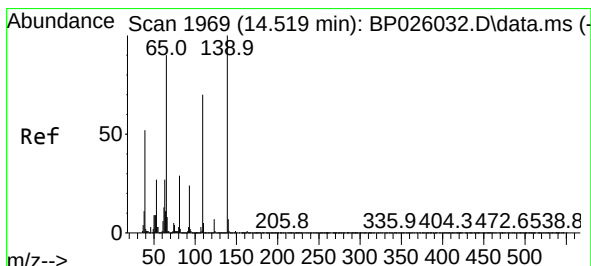
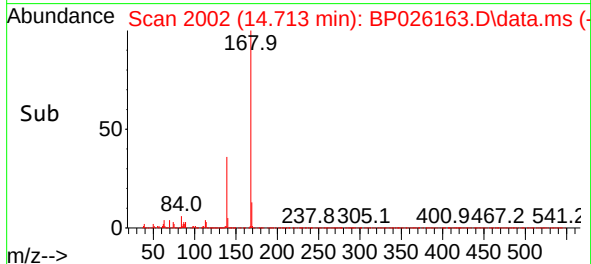
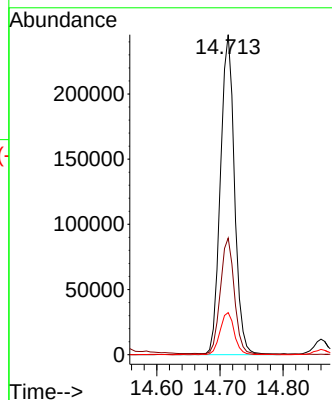
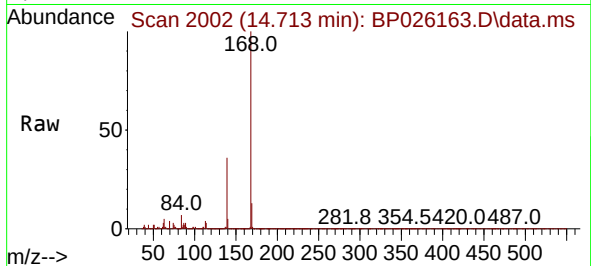




#55
Dibenzofuran
Concen: 8.149 ng
RT: 14.713 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

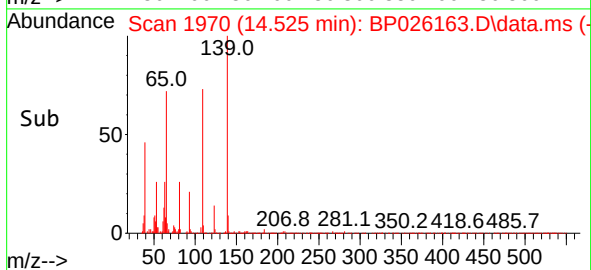
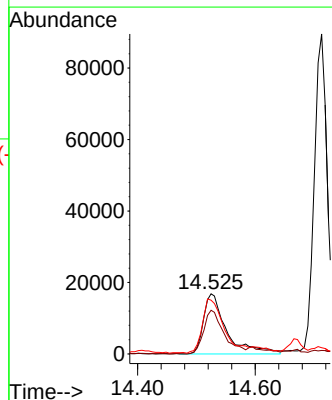
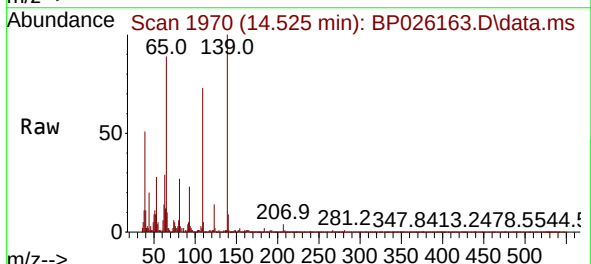
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

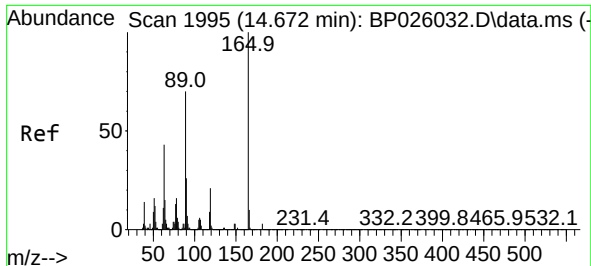
Tgt Ion:168 Resp: 381045
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 5.520 ng
RT: 14.525 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:139 Resp: 45902
Ion Ratio Lower Upper
139 100
109 72.6 46.8 86.8
65 89.3 69.3 109.3

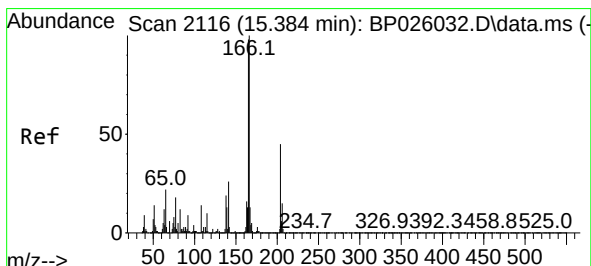
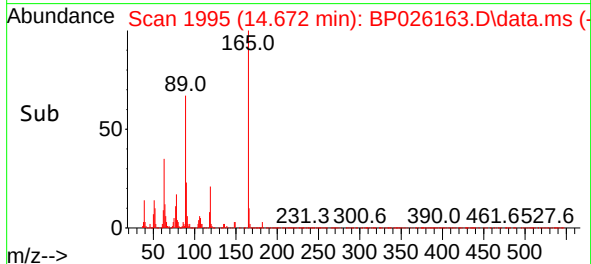
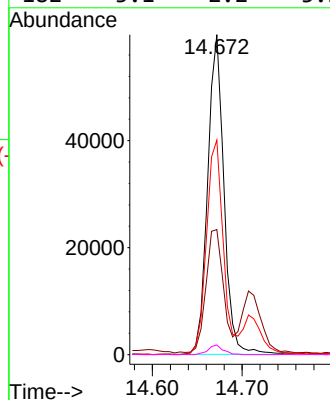
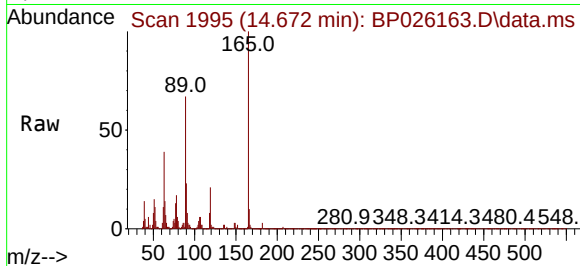




#57
2,4-Dinitrotoluene
Concen: 6.463 ng
RT: 14.672 min Scan# 1995
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

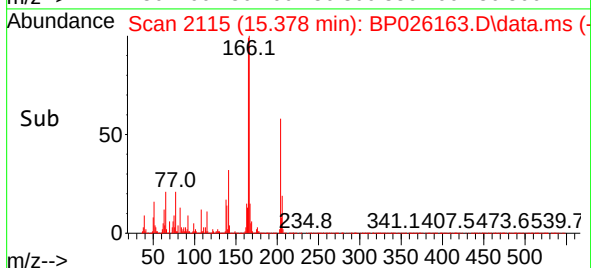
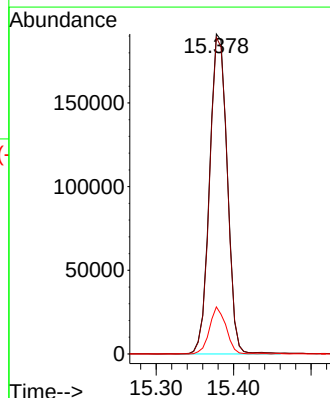
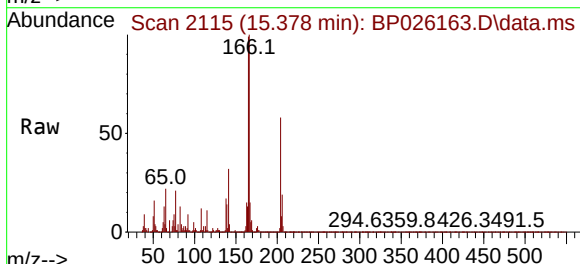
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

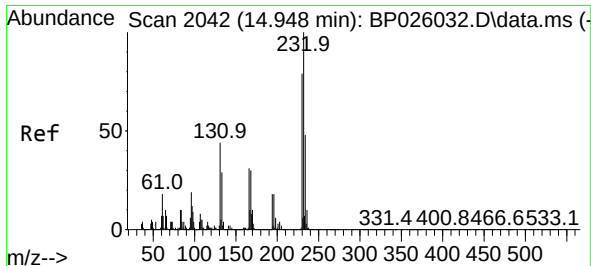
Tgt Ion:	165	Resp:	75330
Ion Ratio	Lower	Upper	
165	100		
63	39.1	31.0	46.6
89	67.1	51.7	77.5
182	3.1	2.2	3.2



#58
Fluorene
Concen: 8.194 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	166	Resp:	302868
Ion Ratio	Lower	Upper	
166	100		
165	98.9	77.9	116.9
167	14.7	11.0	16.4

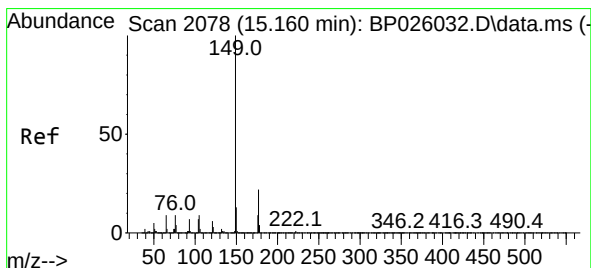
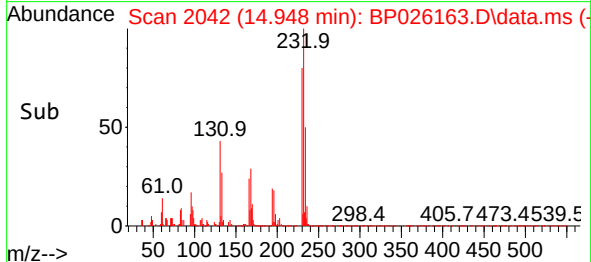
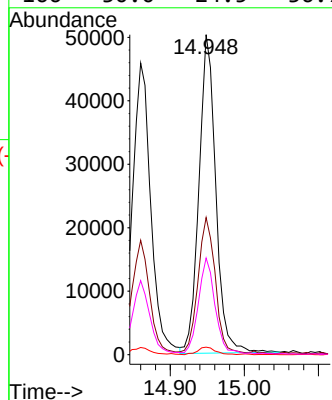
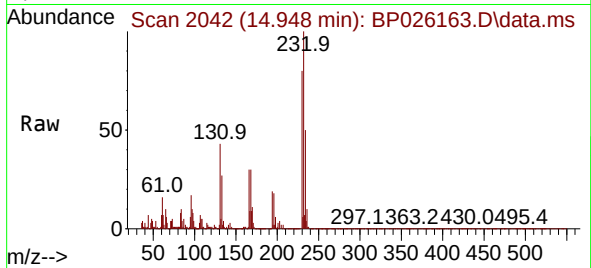




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.667 ng
RT: 14.948 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

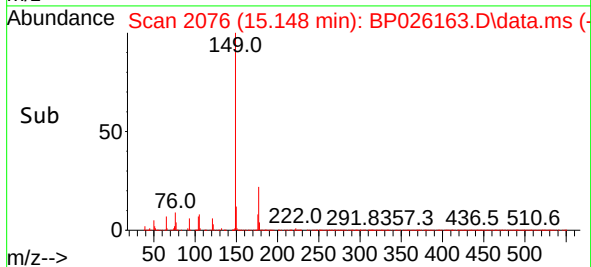
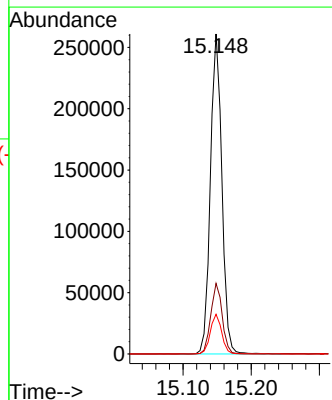
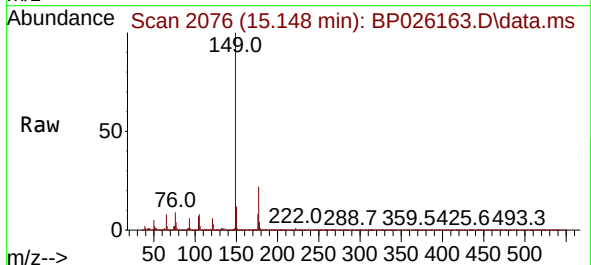
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

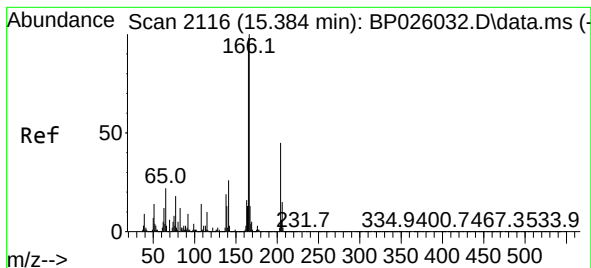
Tgt Ion:	232	Resp:	79391
Ion	Ratio	Lower	Upper
232	100		
131	43.3	34.8	52.2
130	2.5	1.8	2.8
166	30.0	24.5	36.7



#60
Diethylphthalate
Concen: 7.693 ng
RT: 15.148 min Scan# 2076
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:	149	Resp:	305325
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.9	26.9
150	12.4	9.9	14.9

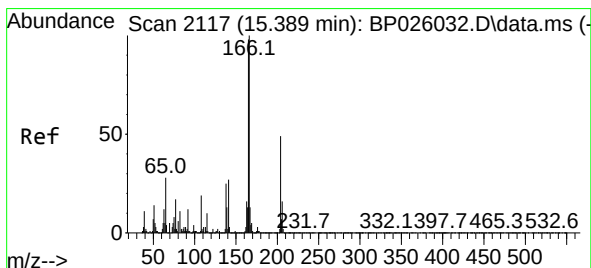
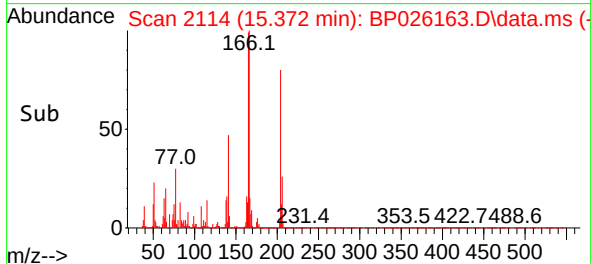
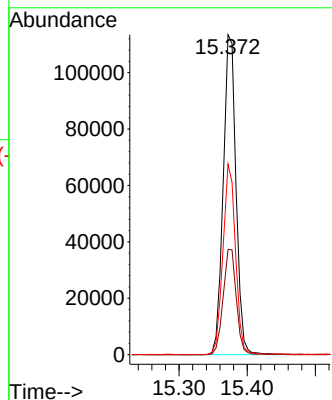
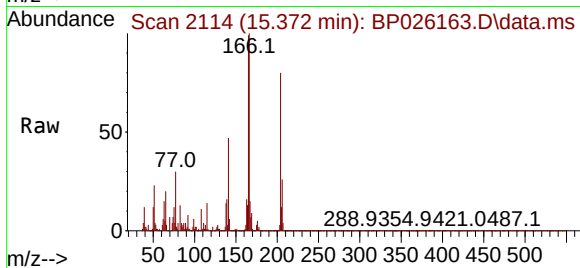




#61
4-Chlorophenyl-phenylether
Concen: 8.064 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

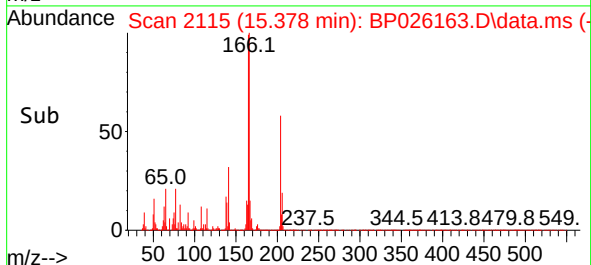
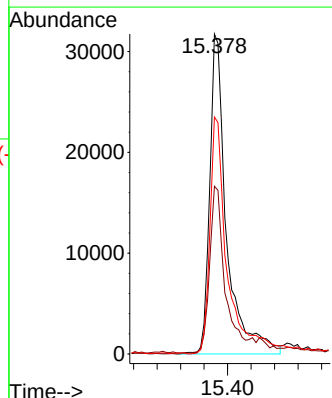
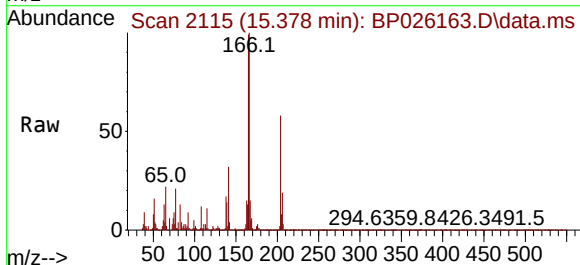
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

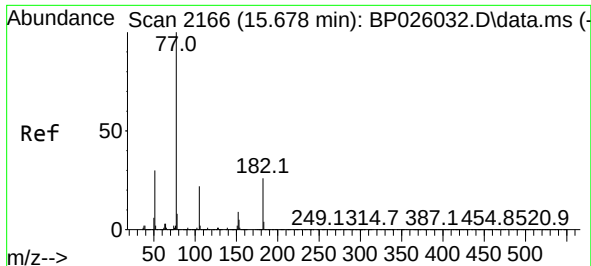
Tgt Ion:204 Resp: 148302
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 59.6 48.1 72.1



#62
4-Nitroaniline
Concen: 6.623 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:138 Resp: 63213
Ion Ratio Lower Upper
138 100
92 52.4 27.5 67.5
108 74.0 51.1 91.1

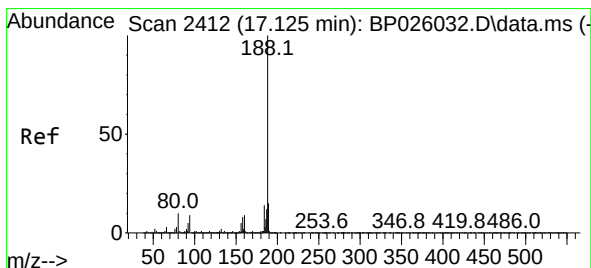
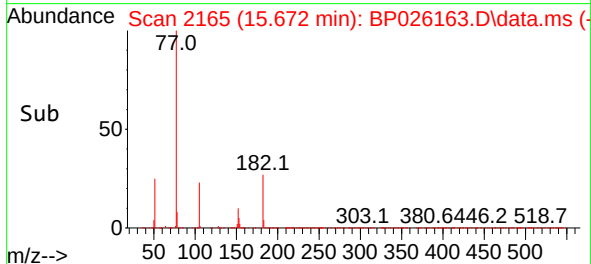
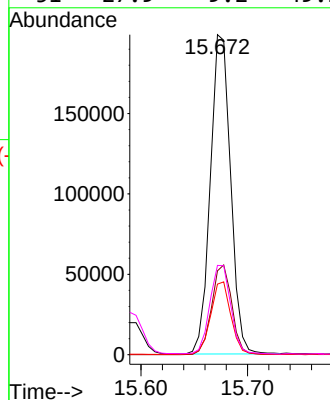
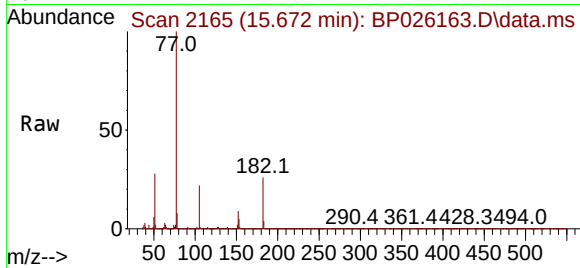




#63
Azobenzene
Concen: 7.856 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

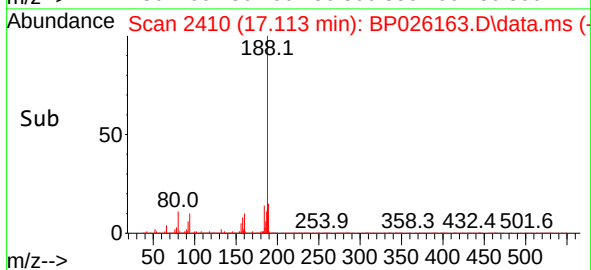
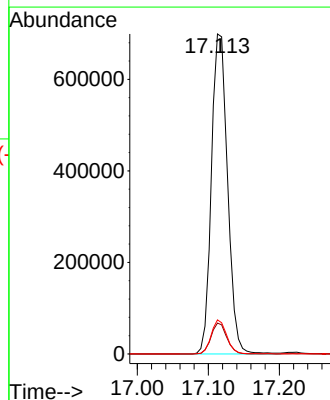
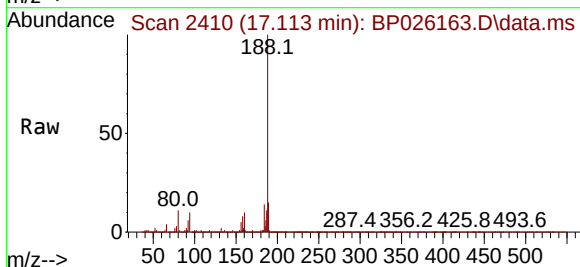
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

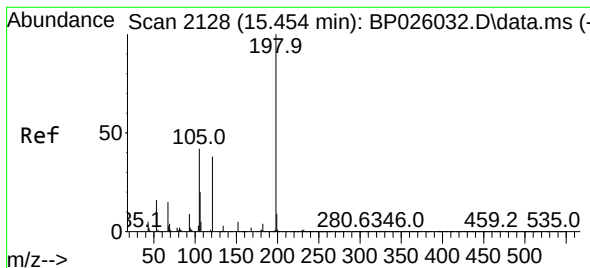
Tgt Ion: 77	Resp: 262881
Ion Ratio	Lower Upper
77 100	
182 26.2	8.8 48.8
105 22.1	2.6 42.6
51 27.9	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:188	Resp: 1104794		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	7.8	11.6	
80 10.6	8.2	12.2	

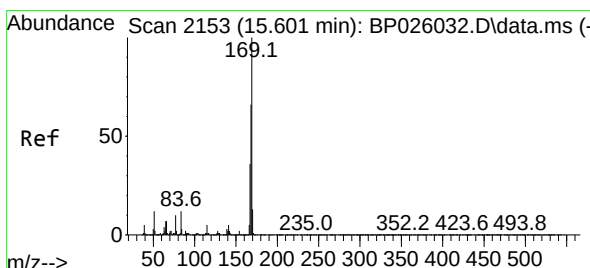
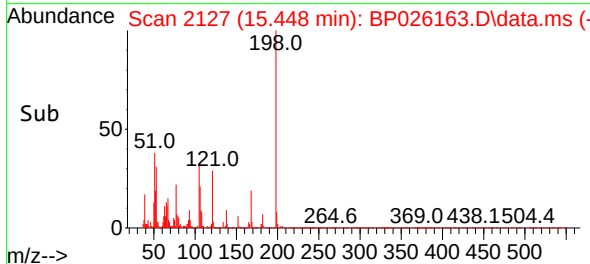
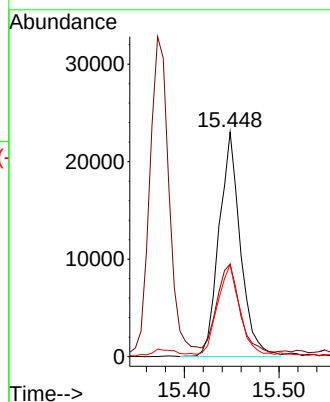
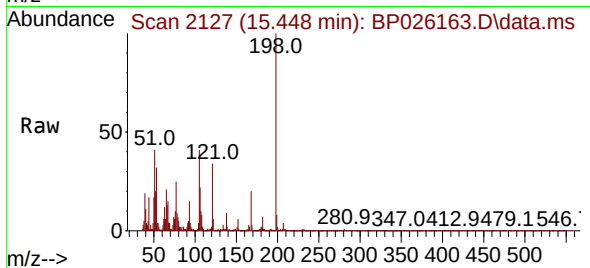




#65
4,6-Dinitro-2-methylphenol
Concen: 5.137 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

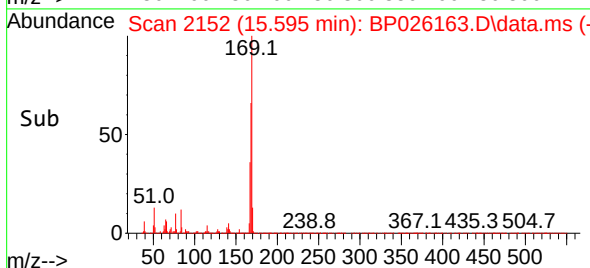
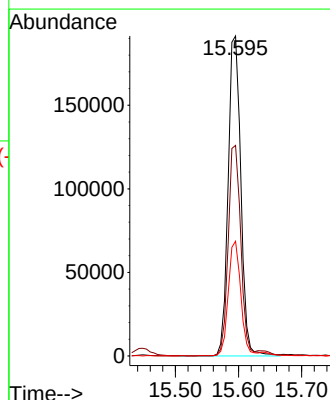
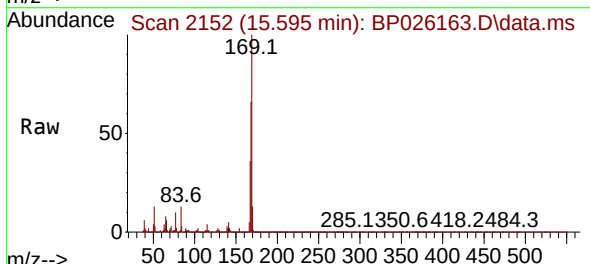
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

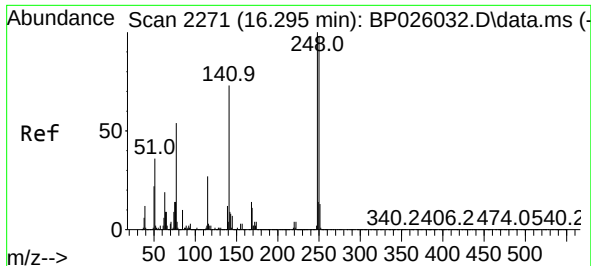
Tgt Ion:198 Resp: 36053
Ion Ratio Lower Upper
198 100
51 41.2 18.4 58.4
105 41.1 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 7.808 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:169 Resp: 266838
Ion Ratio Lower Upper
169 100
168 65.8 53.1 79.7
167 35.9 28.9 43.3

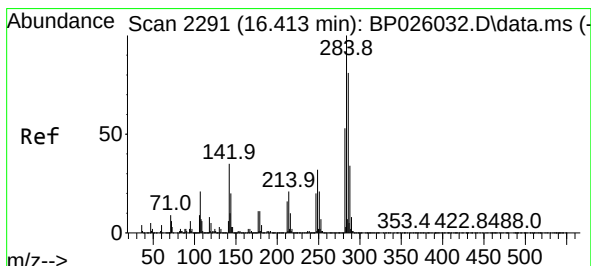
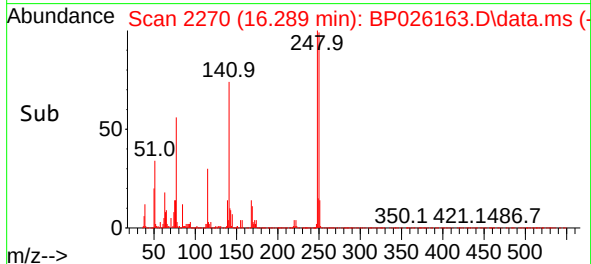
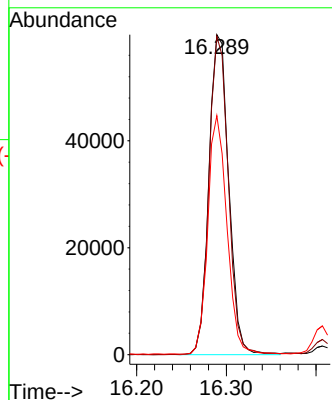
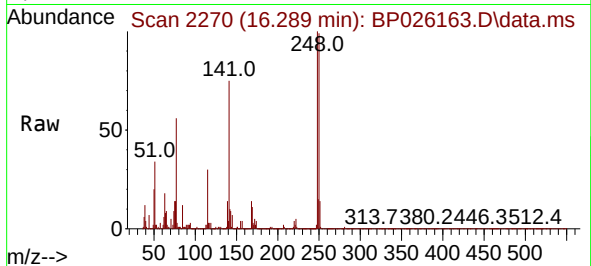




#67
4-Bromophenyl-phenylether
Concen: 7.505 ng
RT: 16.289 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

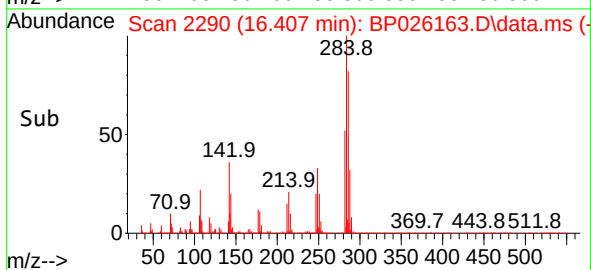
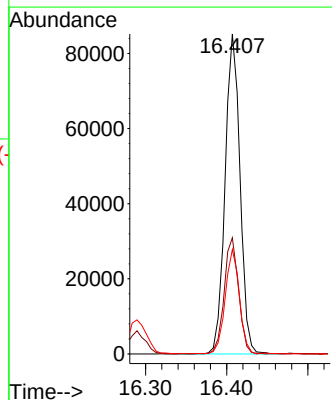
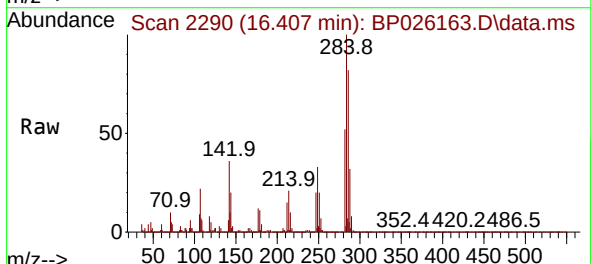
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

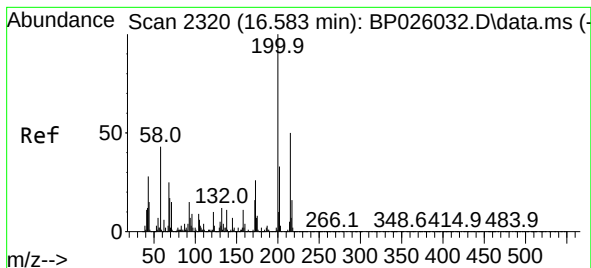
Tgt Ion:248 Resp: 91826
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 74.7 55.4 83.0



#68
Hexachlorobenzene
Concen: 7.680 ng
RT: 16.407 min Scan# 2290
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:284 Resp: 109044
Ion Ratio Lower Upper
284 100
142 36.3 28.0 42.0
249 32.7 25.0 37.4





#69

Atrazine

Concen: 7.449 ng

RT: 16.572 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

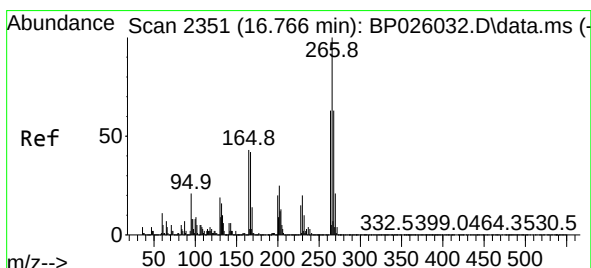
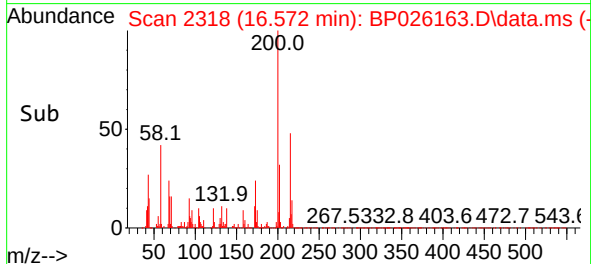
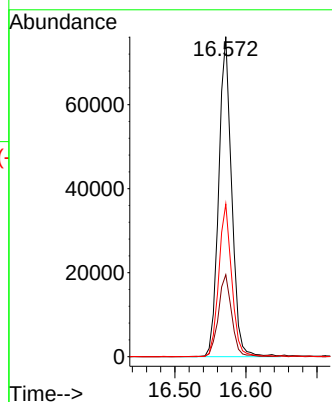
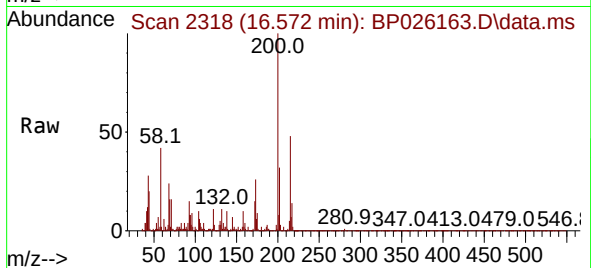
Tgt Ion:200 Resp: 95998

Ion Ratio Lower Upper

200 100

173 25.6 6.7 46.7

215 47.7 27.4 67.4



#70

Pentachlorophenol

Concen: 6.219 ng

RT: 16.766 min Scan# 2351

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

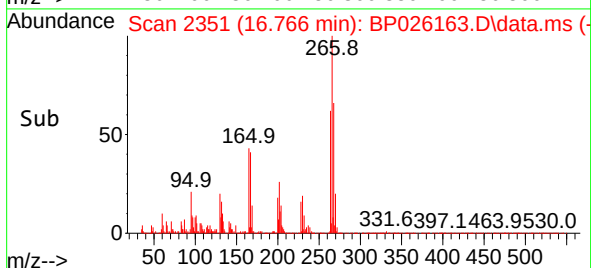
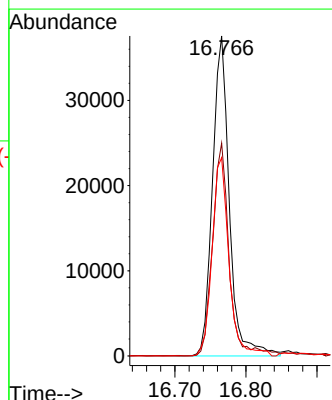
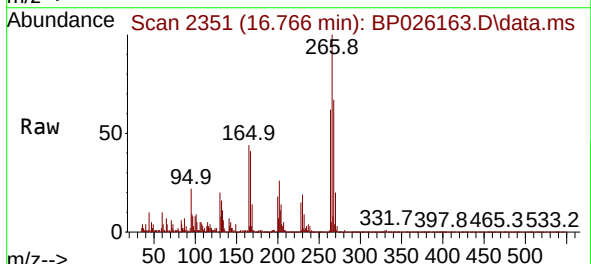
Tgt Ion:266 Resp: 61763

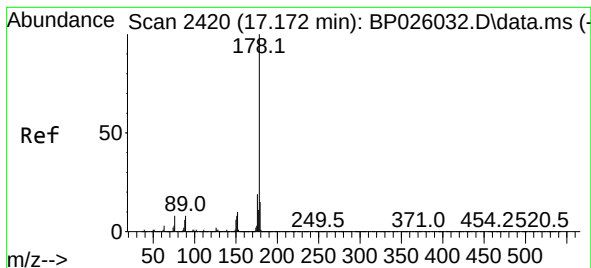
Ion Ratio Lower Upper

266 100

268 66.5 51.0 76.4

264 61.9 50.2 75.2





#71

Phenanthrene

Concen: 8.180 ng

RT: 17.160 min Scan# 2418

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

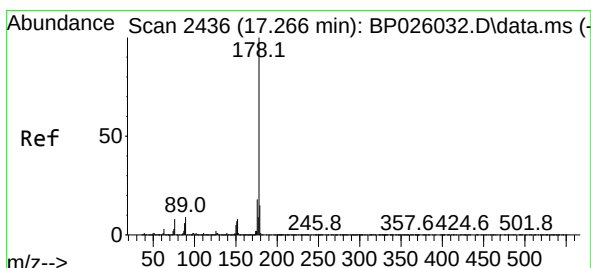
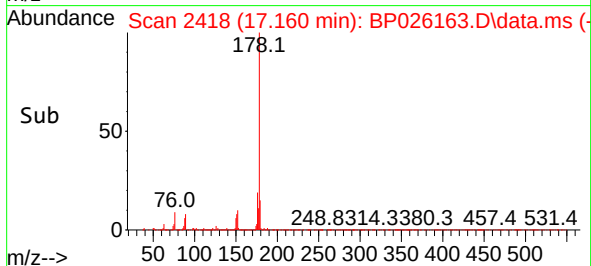
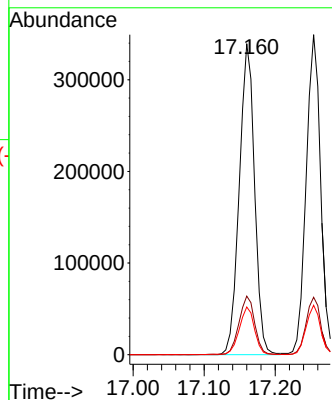
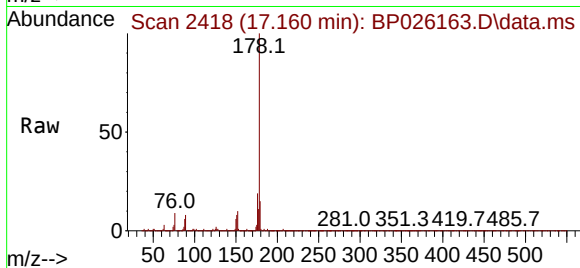
Tgt Ion:178 Resp: 509078

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.3 12.4 18.6



#72

Anthracene

Concen: 7.880 ng

RT: 17.254 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

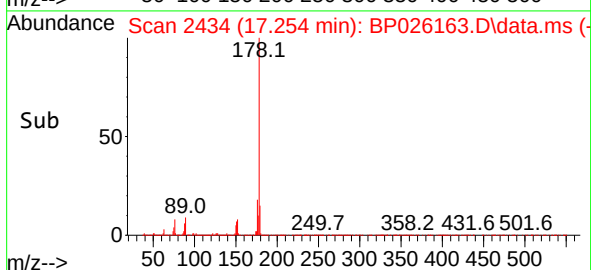
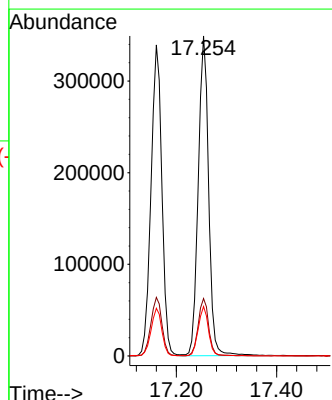
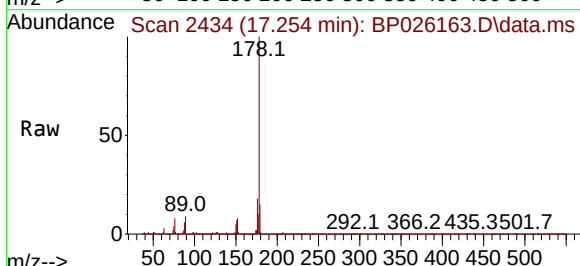
Tgt Ion:178 Resp: 500185

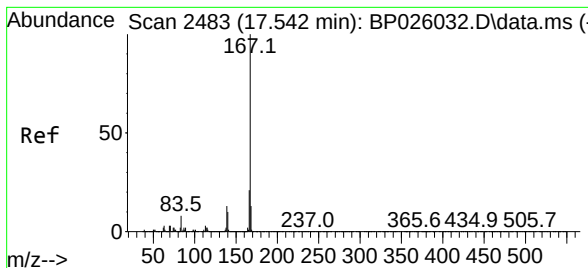
Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

179 15.4 12.2 18.4





#73

Carbazole

Concen: 7.874 ng

RT: 17.525 min Scan# 24

Delta R.T. -0.018 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

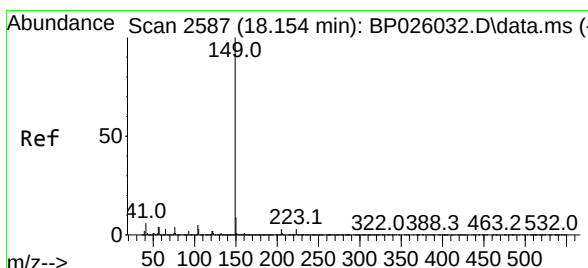
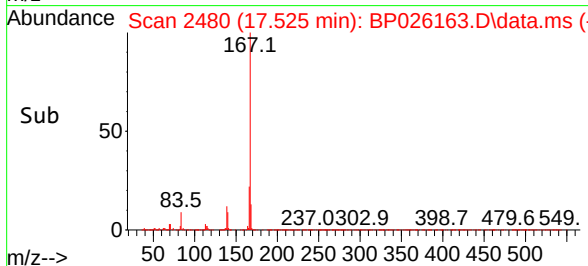
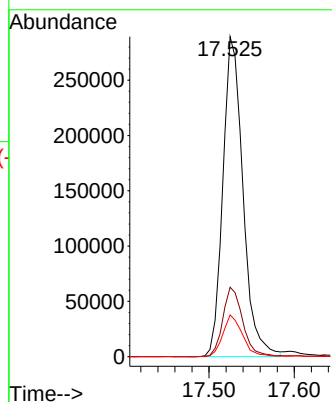
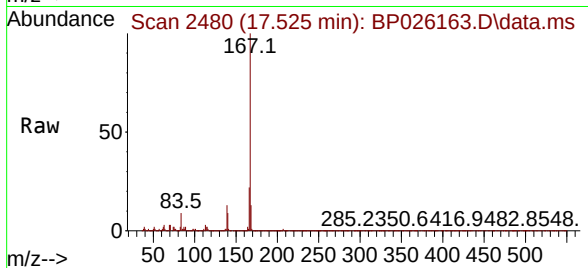
Tgt Ion:167 Resp: 474746

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.0 10.2 15.4



#74

Di-n-butylphthalate

Concen: 7.246 ng

RT: 18.148 min Scan# 2586

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

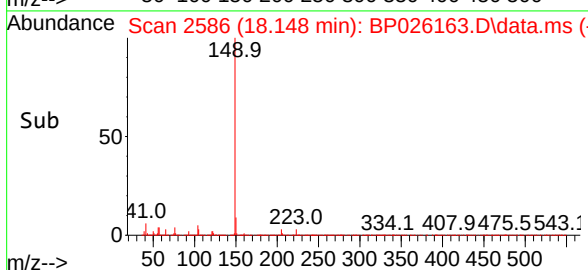
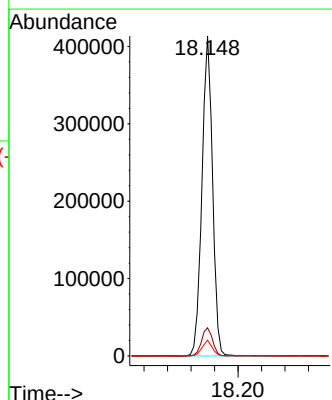
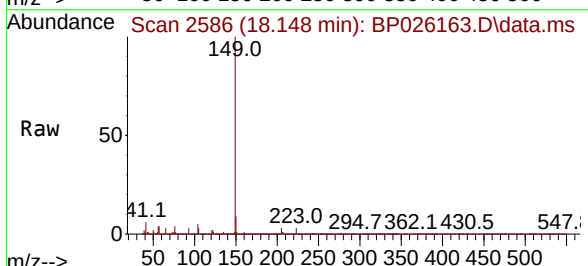
Tgt Ion:149 Resp: 517902

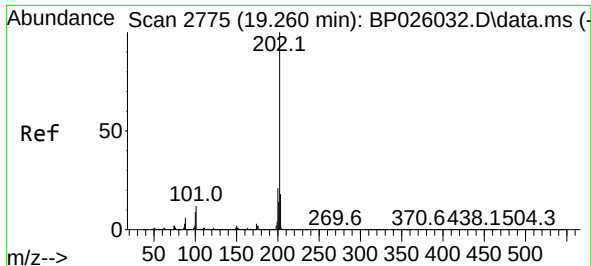
Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 4.9 3.6 5.4

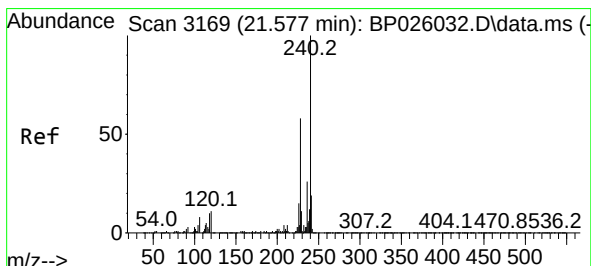
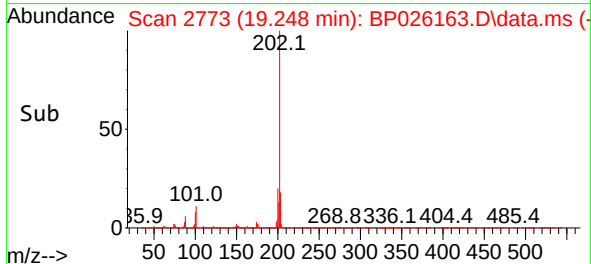
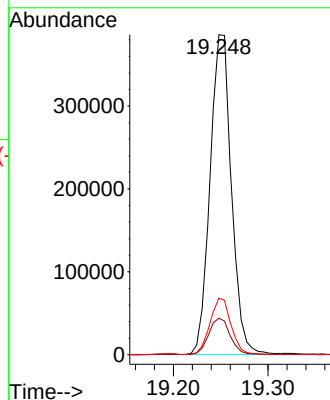
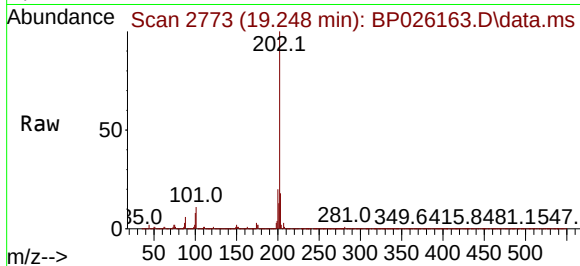




#75
Fluoranthene
Concen: 7.997 ng
RT: 19.248 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

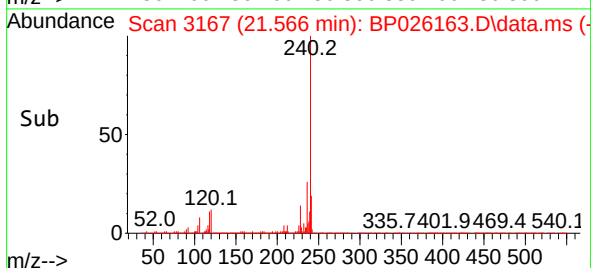
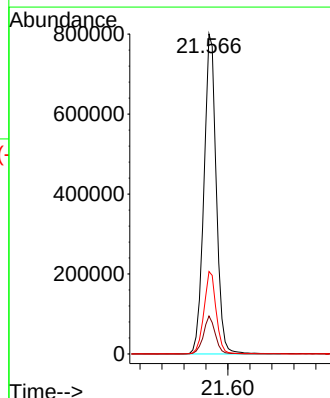
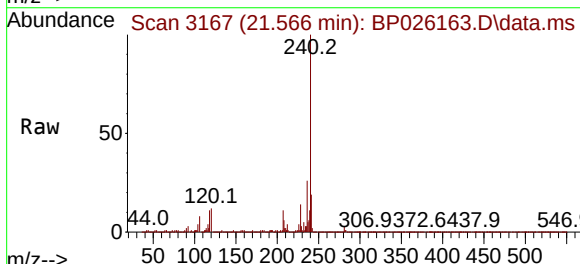
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

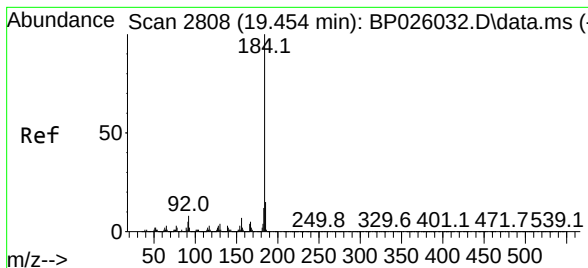
Tgt Ion:202 Resp: 604694
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.2
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:240 Resp: 1243805
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 25.7 20.4 30.6





#77

Benzidine

Concen: 6.006 ng

RT: 19.460 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

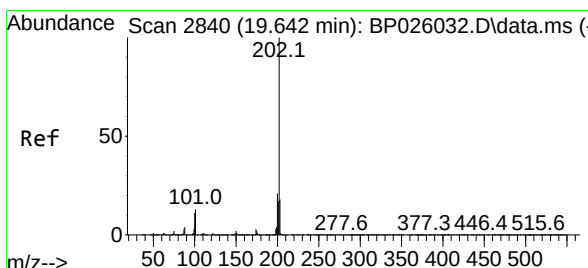
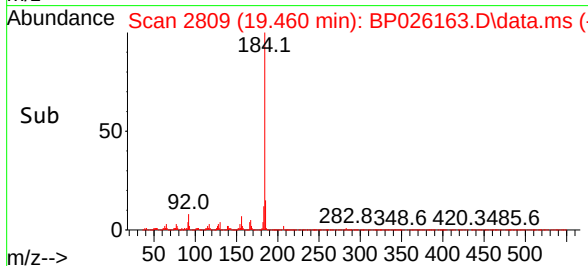
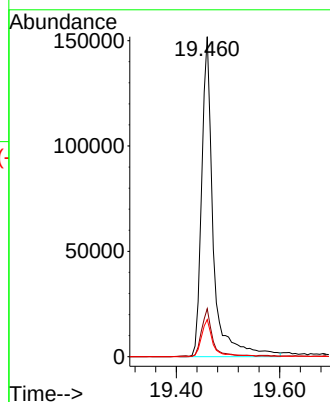
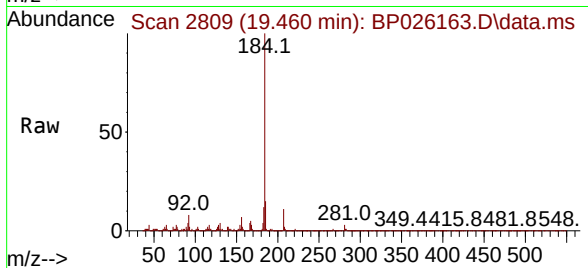
Tgt Ion:184 Resp: 237094

Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

183 11.6 9.0 13.6



#78

Pyrene

Concen: 7.845 ng

RT: 19.630 min Scan# 2838

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

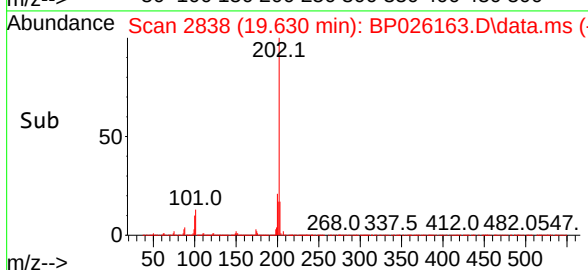
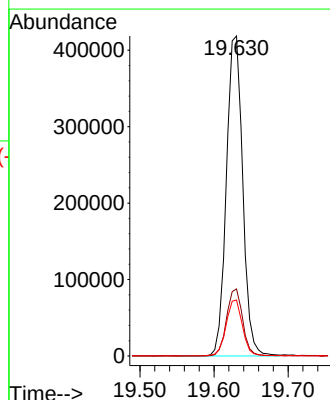
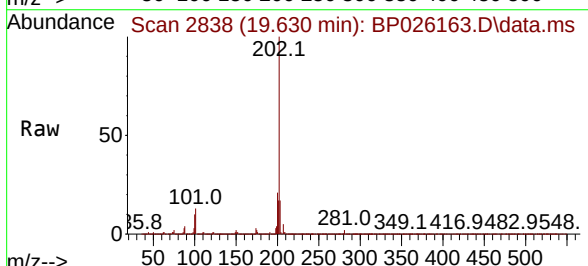
Tgt Ion:202 Resp: 639807

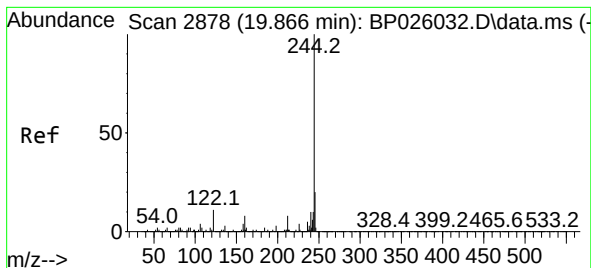
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 88.386 ng

RT: 19.860 min Scan# 2878

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

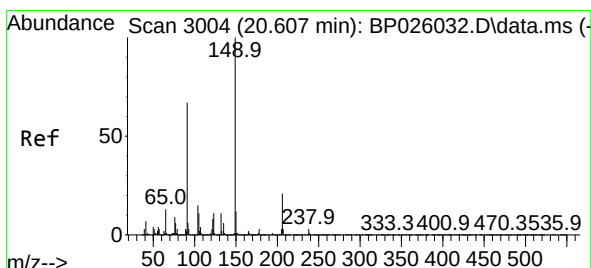
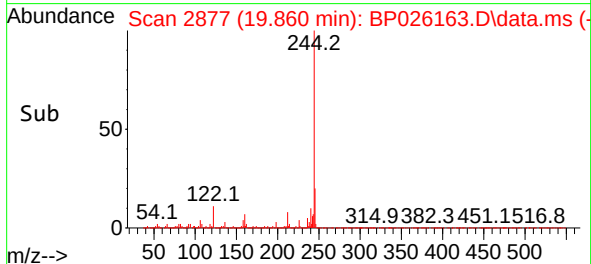
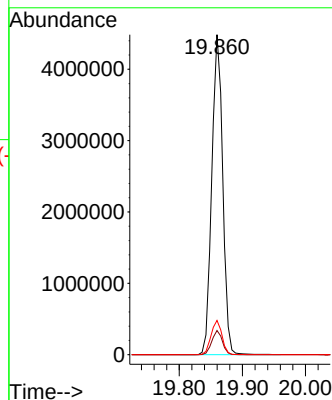
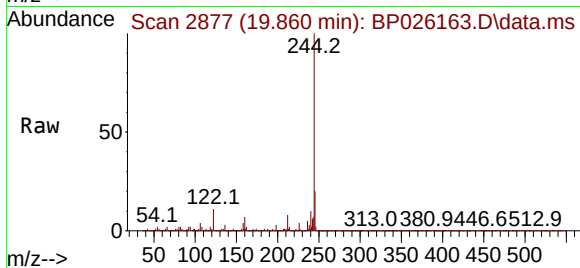
Tgt Ion:244 Resp: 5391500

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 10.7 8.2 12.2



#80

Butylbenzylphthalate

Concen: 6.174 ng

RT: 20.607 min Scan# 3004

Delta R.T. 0.000 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

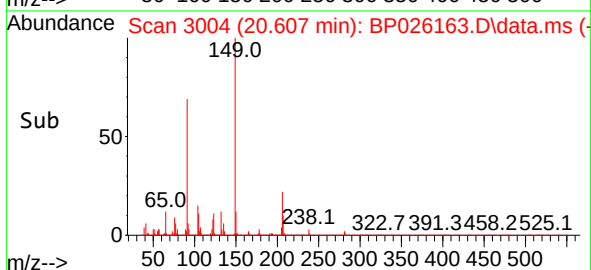
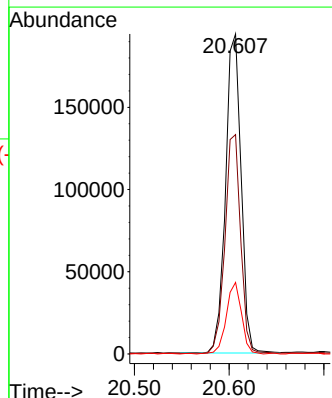
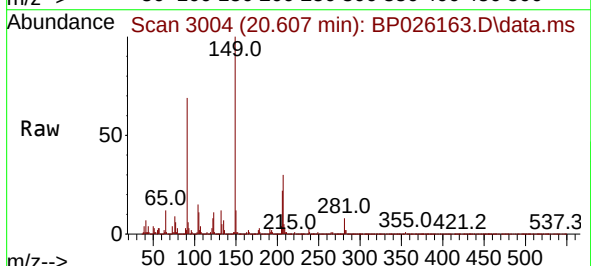
Tgt Ion:149 Resp: 221746

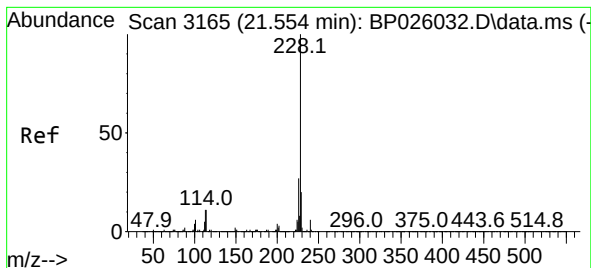
Ion Ratio Lower Upper

149 100

91 68.5 52.6 79.0

206 22.4 16.9 25.3





#81

Benzo(a)anthracene

Concen: 7.755 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

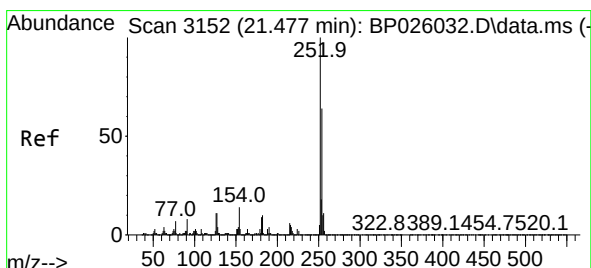
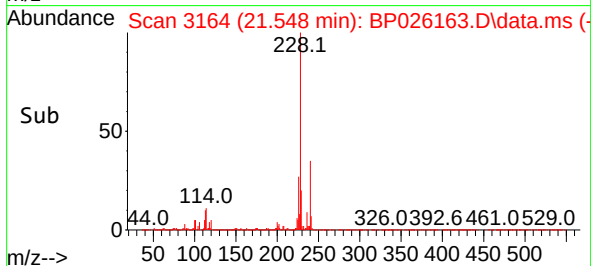
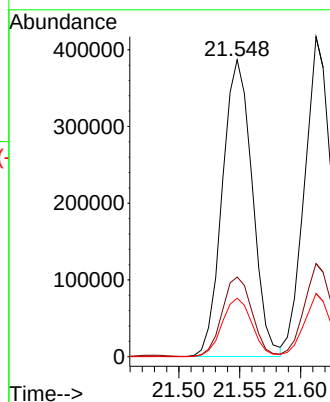
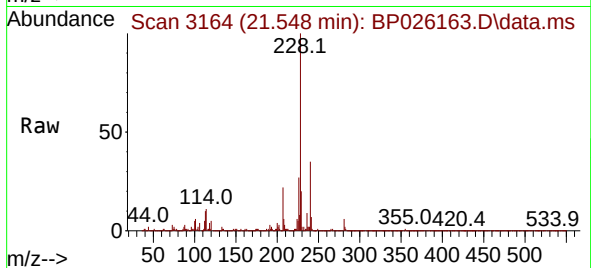
Tgt Ion:228 Resp: 662468

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.7 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 6.721 ng

RT: 21.477 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

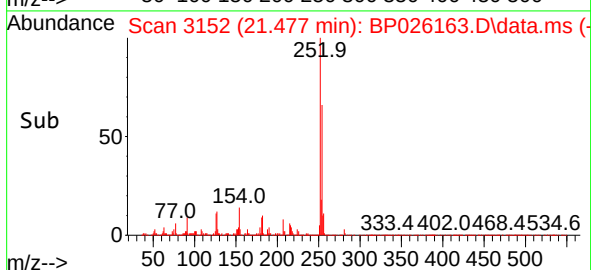
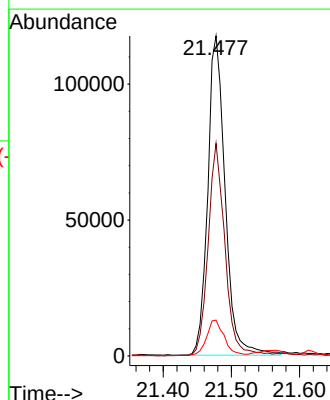
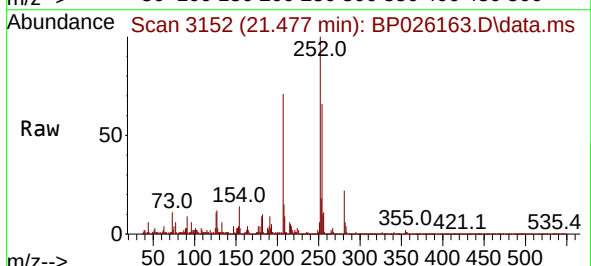
Tgt Ion:252 Resp: 208793

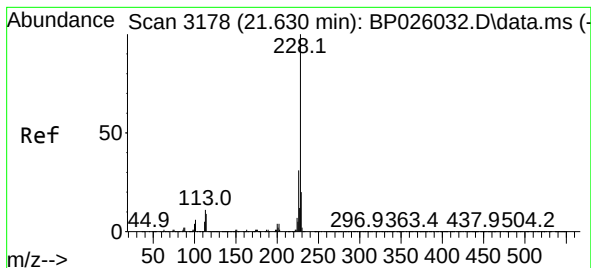
Ion Ratio Lower Upper

252 100

254 66.4 51.2 76.8

126 11.2 8.2 12.4





#83

Chrysene

Concen: 7.859 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

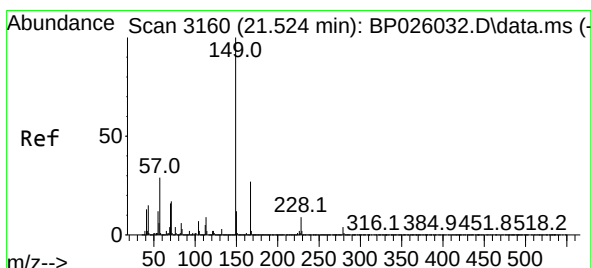
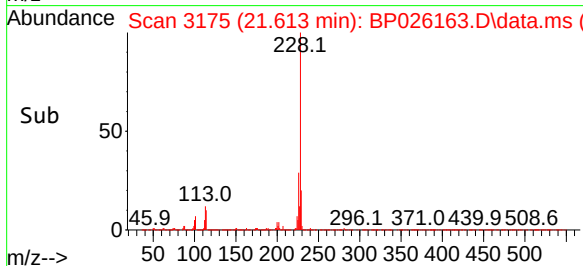
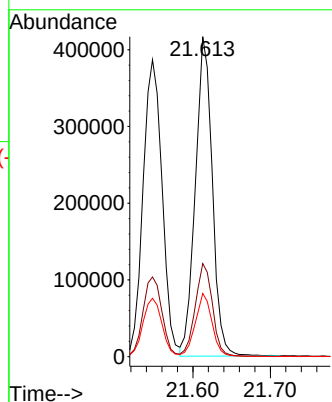
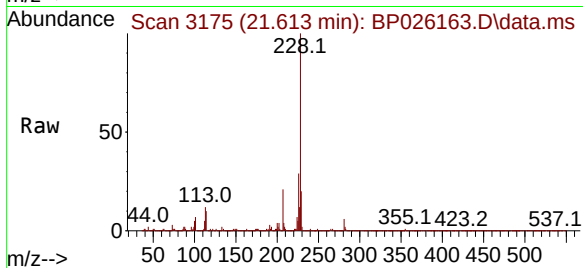
Tgt Ion:228 Resp: 632731

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.589 ng

RT: 21.513 min Scan# 3158

Delta R.T. -0.006 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

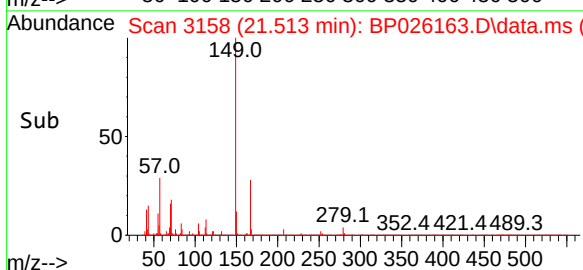
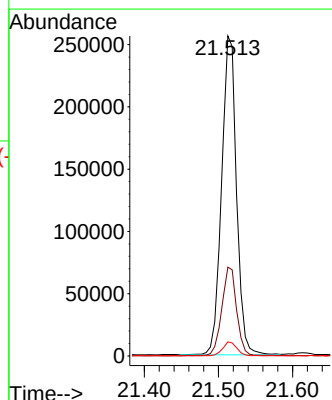
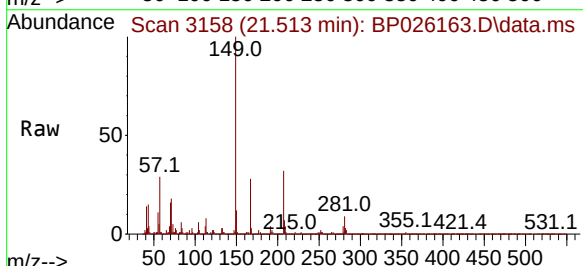
Tgt Ion:149 Resp: 358207

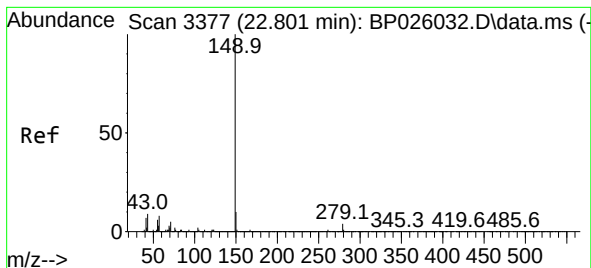
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 5.714 ng

RT: 22.795 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

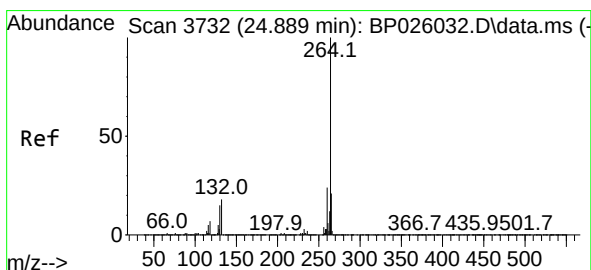
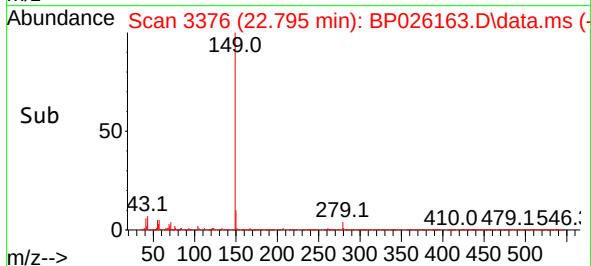
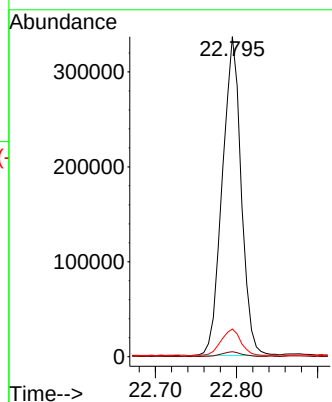
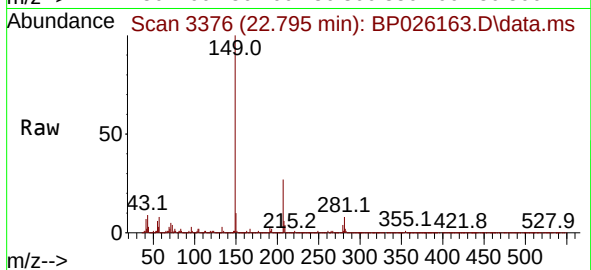
Tgt Ion:149 Resp: 543231

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.8 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.895 min Scan# 3733

Delta R.T. -0.012 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

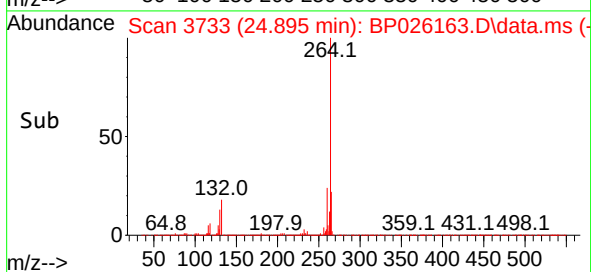
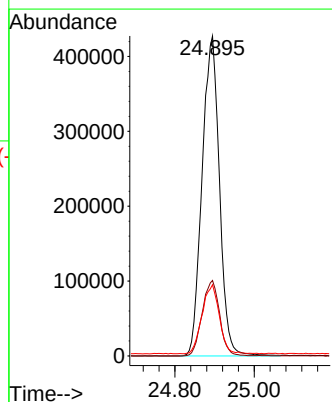
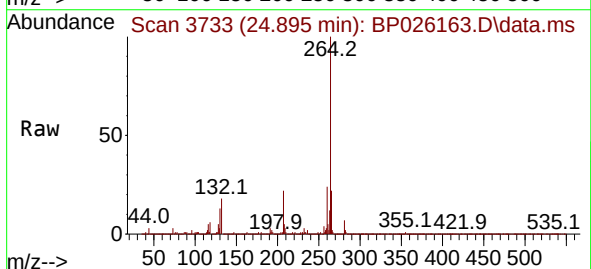
Tgt Ion:264 Resp: 1300604

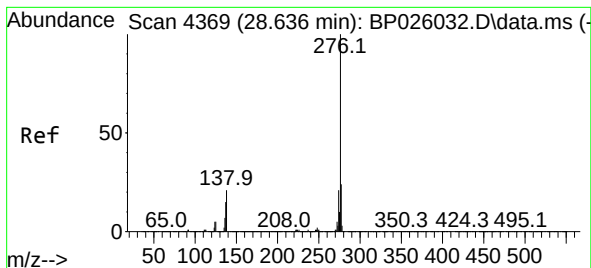
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.525 ng

RT: 28.659 min Scan# 41

Delta R.T. -0.047 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

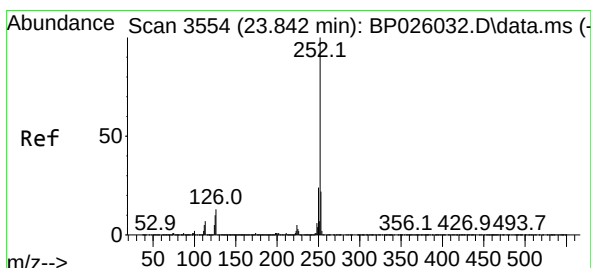
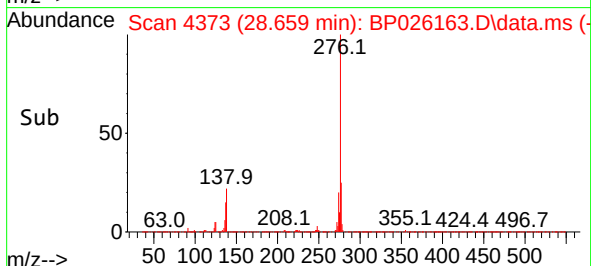
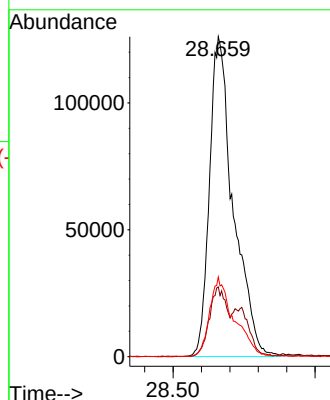
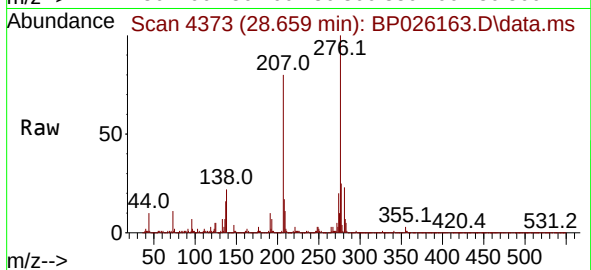
Tgt Ion:276 Resp: 734034

Ion Ratio Lower Upper

276 100

138 15.9 13.8 20.8

277 25.1 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 8.047 ng

RT: 23.842 min Scan# 3554

Delta R.T. -0.023 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

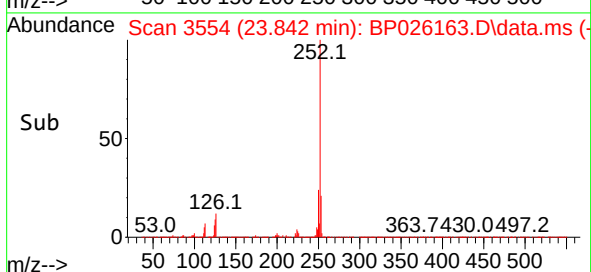
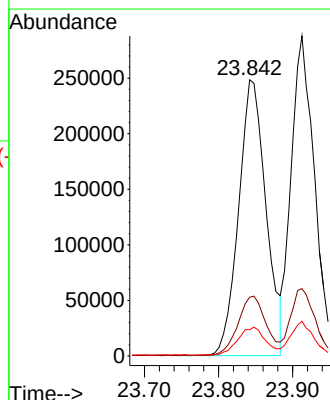
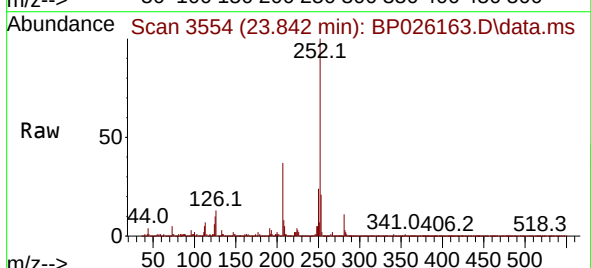
Tgt Ion:252 Resp: 637371

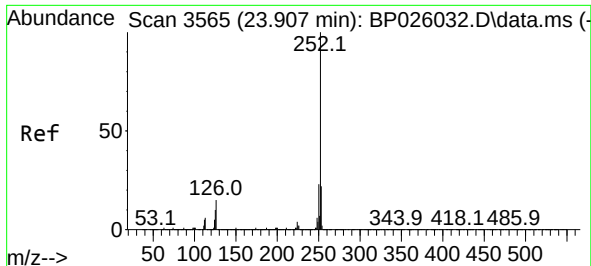
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 9.5 8.2 12.4

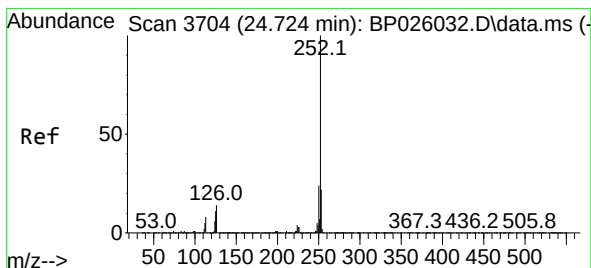
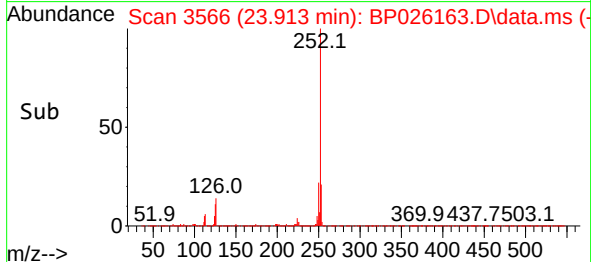
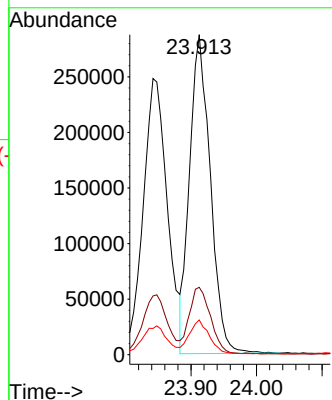
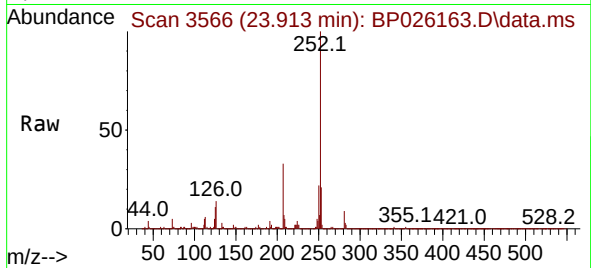




#89
Benzo(k)fluoranthene
Concen: 7.968 ng
RT: 23.913 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

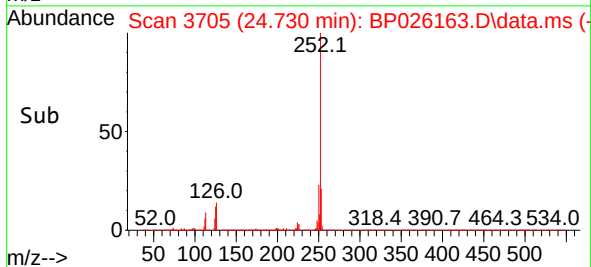
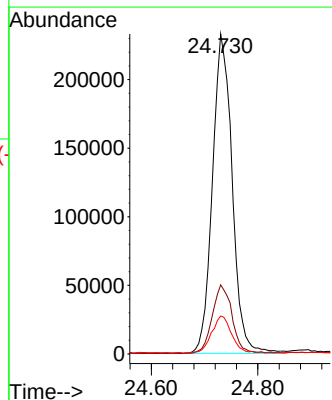
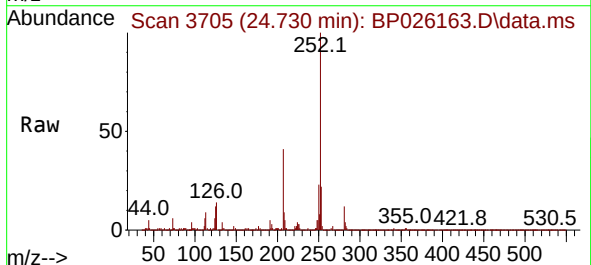
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

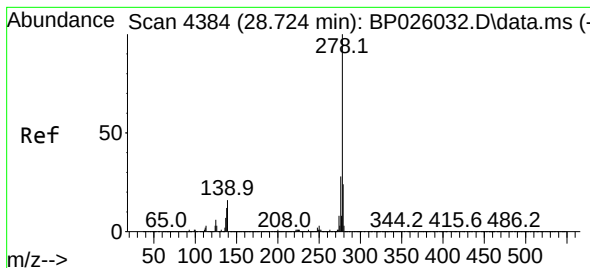
Tgt Ion:252 Resp: 630365
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 10.8 7.5 11.3



#90
Benzo(a)pyrene
Concen: 7.959 ng
RT: 24.730 min Scan# 3705
Delta R.T. -0.023 min
Lab File: BP026163.D
Acq: 19 Nov 2025 18:15

Tgt Ion:252 Resp: 597142
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 7.565 ng

RT: 28.742 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

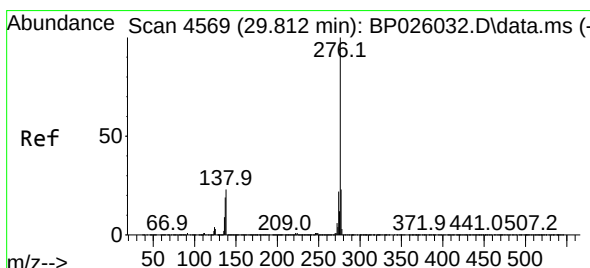
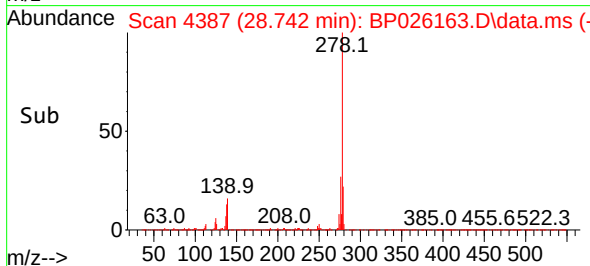
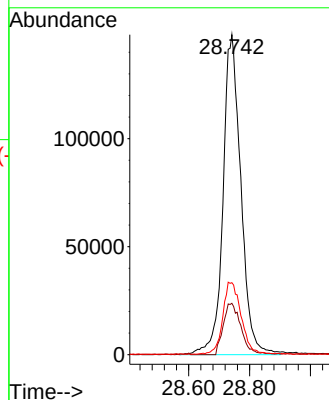
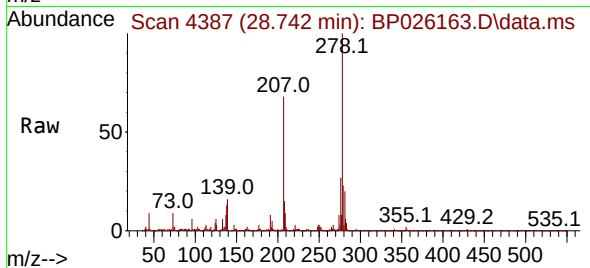
Tgt Ion:278 Resp: 604036

Ion Ratio Lower Upper

278 100

139 16.0 13.2 19.8

279 22.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 7.623 ng

RT: 29.818 min Scan# 4570

Delta R.T. -0.065 min

Lab File: BP026163.D

Acq: 19 Nov 2025 18:15

Tgt Ion:276 Resp: 604976

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 23.2 17.8 26.6

