

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
 Data File : BP024096.D
 Acq On : 19 Feb 2025 13:16
 Operator : RC/JU
 Sample : Q1168-01
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 19 13:48:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	325609	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1394559	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	817475	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1468041	20.000	ng	0.00
76) Chrysene-d12	21.633	240	1339893	20.000	ng	-0.01
86) Perylene-d12	25.015	264	1282983	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2301891	110.310	ng	0.00
7) Phenol-d6	6.940	99	3141056	117.115	ng	0.00
23) Nitrobenzene-d5	8.905	82	2390760	95.642	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1106402	110.495	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	5433076	92.913	ng	0.00
79) Terphenyl-d14	19.910	244	6665183	98.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	81663	9.976	ng	100
3) Pyridine	3.711	79	194239	9.127	ng	98
4) n-Nitrosodimethylamine	3.617	42	75048	9.941	ng	# 95
6) Aniline	7.093	93	300088	12.218	ng	100
8) 2-Chlorophenol	7.328	128	220810	9.997	ng	96
9) Benzaldehyde	6.911	77	189913m	15.509	ng	
10) Phenol	6.963	94	278892	10.341	ng	95
11) bis(2-Chloroethyl)ether	7.187	93	226755	10.675	ng	98
12) 1,3-Dichlorobenzene	7.652	146	244186	10.064	ng	99
13) 1,4-Dichlorobenzene	7.793	146	248326	10.120	ng	99
14) 1,2-Dichlorobenzene	8.105	146	241589	10.259	ng	98
15) Benzyl Alcohol	7.999	79	168104	10.239	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	241540m	11.713	ng	
17) 2-Methylphenol	8.199	107	160570	9.770	ng	97
18) Hexachloroethane	8.828	117	89927	10.176	ng	94
19) n-Nitroso-di-n-propyla...	8.558	70	162333	11.257	ng	98
20) 3+4-Methylphenols	8.522	107	220885	9.879	ng	99
22) Acetophenone	8.569	105	360036	10.047	ng	98
24) Nitrobenzene	8.946	77	262999	10.691	ng	97
25) Isophorone	9.469	82	406870	9.953	ng	98
26) 2-Nitrophenol	9.652	139	91222	8.049	ng	95
27) 2,4-Dimethylphenol	9.716	122	126044	8.472	ng	99
28) bis(2-Chloroethoxy)met...	9.946	93	298973	10.096	ng	99
29) 2,4-Dichlorophenol	10.193	162	170879	8.416	ng	98
30) 1,2,4-Trichlorobenzene	10.399	180	214265	9.211	ng	100
31) Naphthalene	10.587	128	722073	9.630	ng	100
32) Benzoic acid	9.799	122	76717	11.636	ng	95
33) 4-Chloroaniline	10.693	127	262903	9.952	ng	99
34) Hexachlorobutadiene	10.875	225	124789	9.262	ng	98
35) Caprolactam	11.469	113	44078m	11.271	ng	
36) 4-Chloro-3-methylphenol	11.822	107	176742	8.468	ng	96
37) 2-Methylnaphthalene	12.193	142	471304	9.457	ng	99
38) 1-Methylnaphthalene	12.416	142	443358	9.144	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	236785	9.427	ng	99
41) Hexachlorocyclopentadiene	12.546	237	78992	8.452	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	123322	8.051	ng	99

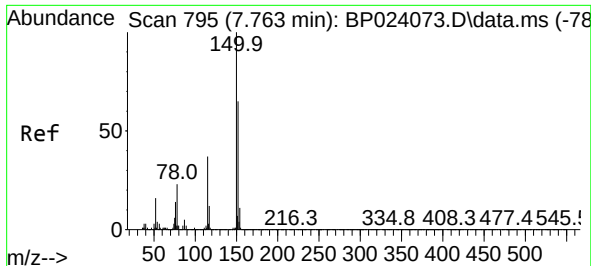
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	140525	8.388	ng	99
46) 1,1'-Biphenyl	13.210	154	630618	9.927	ng	99
47) 2-Chloronaphthalene	13.251	162	460562	9.591	ng	98
48) 2-Nitroaniline	13.451	65	98055	8.644	ng	98
49) Acenaphthylene	14.098	152	672424	9.504	ng	100
50) Dimethylphthalate	13.834	163	528726	9.169	ng	99
51) 2,6-Dinitrotoluene	13.951	165	100384	8.546	ng	90
52) Acenaphthene	14.451	154	437637	9.606	ng	98
53) 3-Nitroaniline	14.293	138	105647	8.429	ng	99
54) 2,4-Dinitrophenol	14.498	184	34857	11.843	ng	96
55) Dibenzofuran	14.792	168	678883	9.173	ng	99
56) 4-Nitrophenol	14.616	139	72062	6.656	ng	91
57) 2,4-Dinitrotoluene	14.745	165	121561	7.967	ng	# 84
58) Fluorene	15.451	166	534100	9.240	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.022	232	117836	8.107	ng	97
60) Diethylphthalate	15.222	149	510079	8.911	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	260030	9.140	ng	98
62) 4-Nitroaniline	15.469	138	102453	9.719	ng	94
63) Azobenzene	15.745	77	496390	9.254	ng	95
65) 4,6-Dinitro-2-methylph...	15.534	198	53993	11.018	ng	95
66) n-Nitrosodiphenylamine	15.663	169	424033	9.262	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	147878	8.970	ng	99
68) Hexachlorobenzene	16.481	284	180288	9.294	ng	98
69) Atrazine	16.639	200	127051	10.814	ng	99
70) Pentachlorophenol	16.834	266	75908	6.025	ng	99
71) Phenanthrene	17.228	178	795998	9.617	ng	100
72) Anthracene	17.322	178	712168	8.979	ng	99
73) Carbazole	17.598	167	653505	8.648	ng	100
74) Di-n-butylphthalate	18.198	149	713237	8.089	ng	100
75) Fluoranthene	19.310	202	785959	8.396	ng	99
77) Benzidine	19.510	184	227246	13.918	ng	99
78) Pyrene	19.686	202	842689	9.901	ng	99
80) Butylbenzylphthalate	20.645	149	279702	8.576	ng	98
81) Benzo(a)anthracene	21.616	228	805836	9.591	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	227288	8.657	ng	99
83) Chrysene	21.680	228	774057	9.554	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	396025	8.008	ng	97
85) Di-n-octyl phthalate	22.851	149	531962	6.729	ng	97
87) Indeno(1,2,3-cd)pyrene	28.833	276	872794	9.562	ng	98
88) Benzo(b)fluoranthene	23.933	252	736745	9.043	ng	100
89) Benzo(k)fluoranthene	23.998	252	749400	9.450	ng	99
90) Benzo(a)pyrene	24.851	252	651893	9.428	ng	98
91) Dibenzo(a,h)anthracene	28.915	278	735420	9.583	ng	99
92) Benzo(g,h,i)perylene	30.009	276	674665	8.663	ng	99

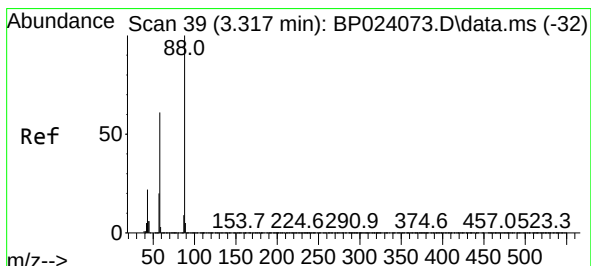
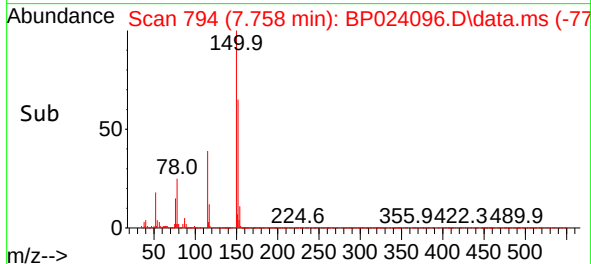
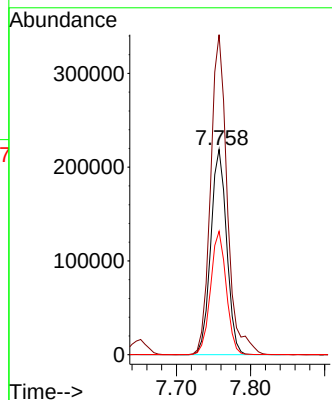
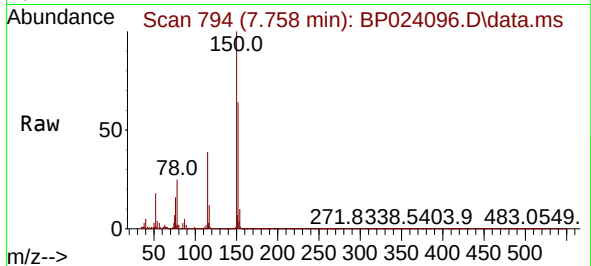
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

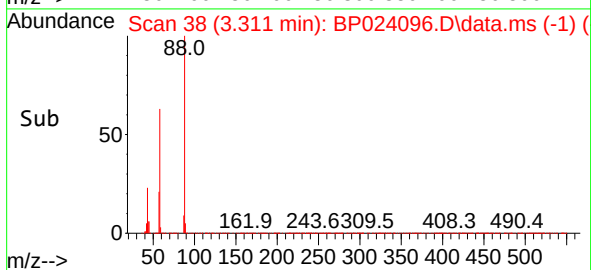
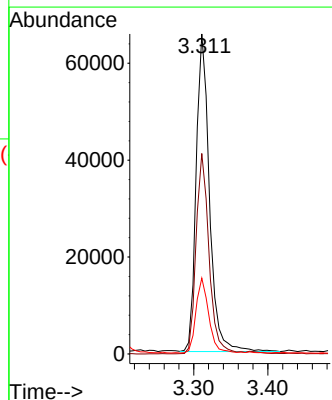
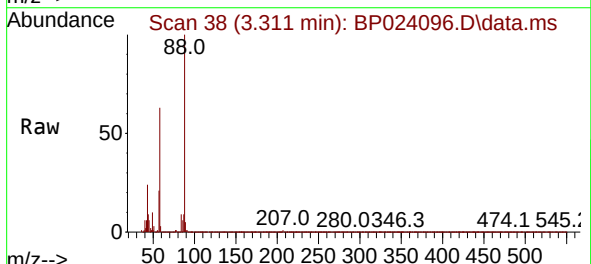
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

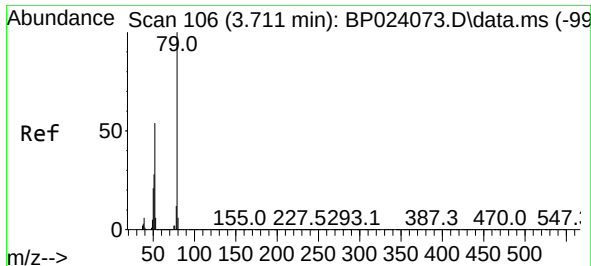
Tgt Ion:152 Resp: 325609
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 60.1 45.0 67.6



#2
1,4-Dioxane
Concen: 9.976 ng
RT: 3.311 min Scan# 38
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 88 Resp: 81663
Ion Ratio Lower Upper
88 100
58 61.5 49.1 73.7
43 23.0 18.0 27.0

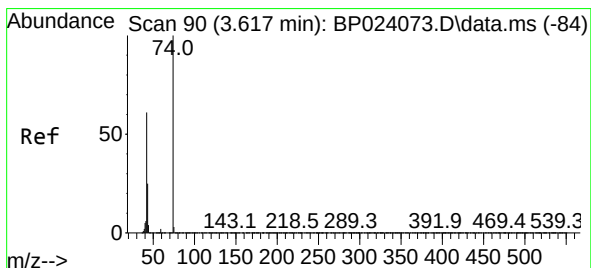
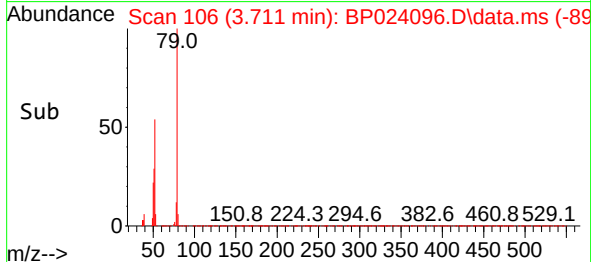
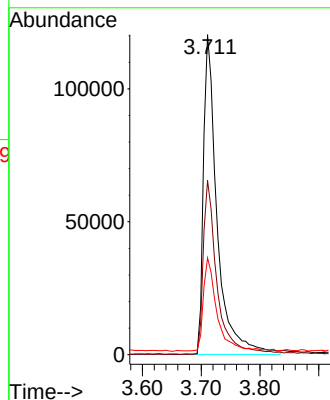
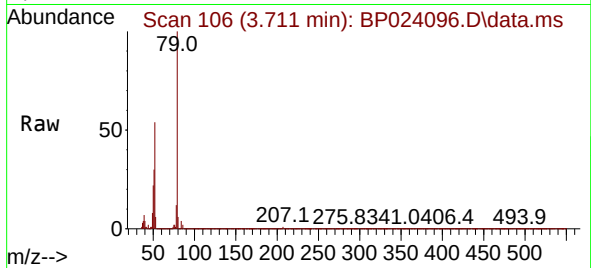




#3
Pyridine
Concen: 9.127 ng
RT: 3.711 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

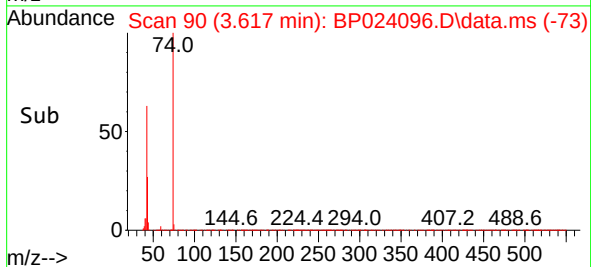
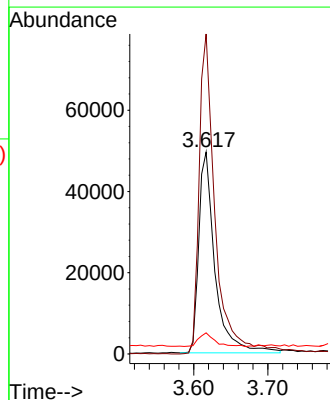
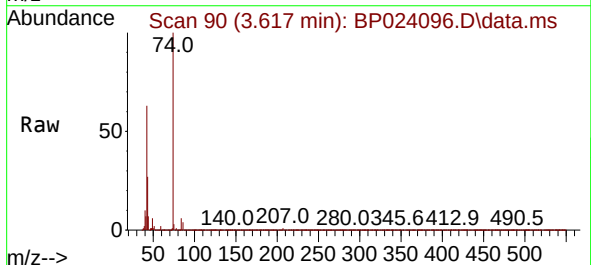
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

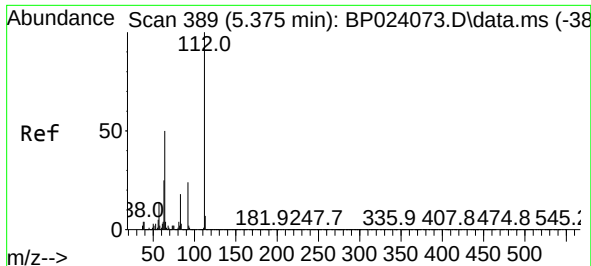
Tgt Ion: 79 Resp: 194239
Ion Ratio Lower Upper
79 100
52 54.5 43.5 65.3
51 30.2 22.2 33.4



#4
n-Nitrosodimethylamine
Concen: 9.941 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 42 Resp: 75048
Ion Ratio Lower Upper
42 100
74 158.5 132.0 198.0
44 10.5 5.3 7.9

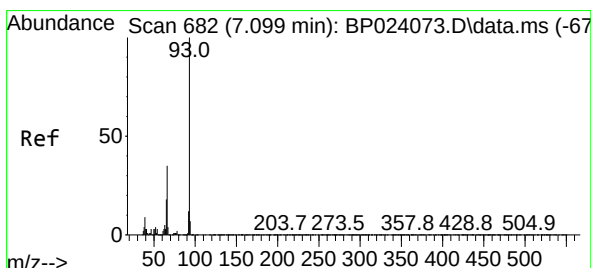
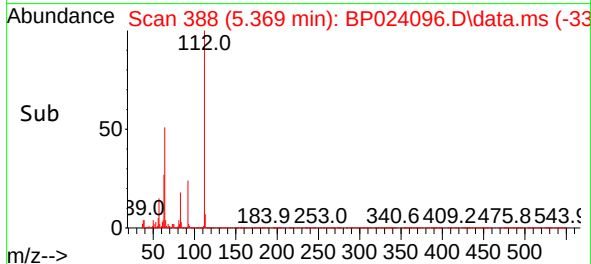
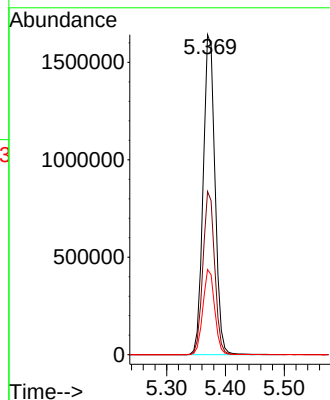
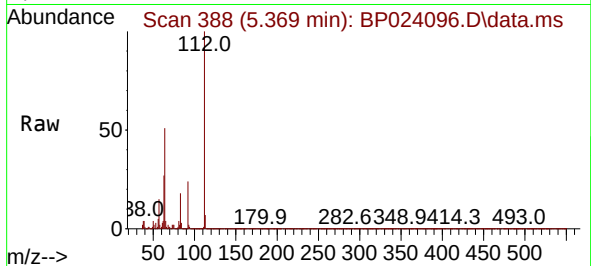




#5
2-Fluorophenol
Concen: 110.310 ng
RT: 5.369 min Scan# 389
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

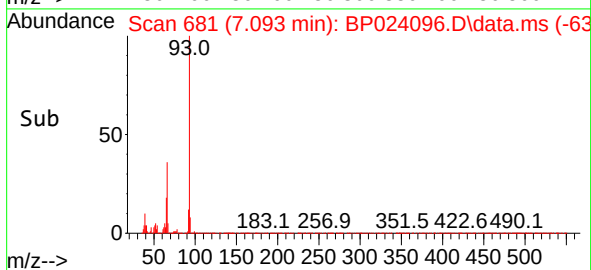
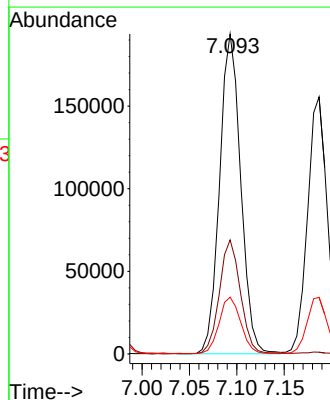
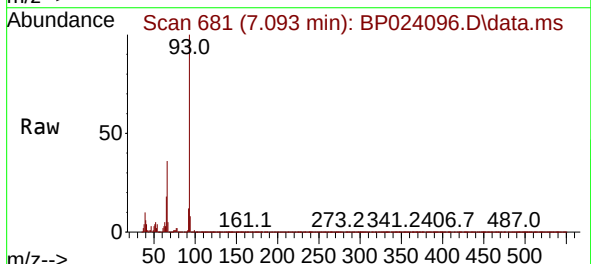
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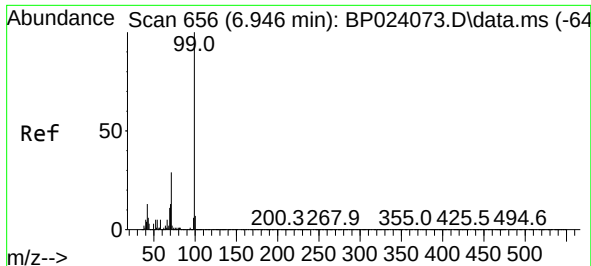
Tgt Ion:112 Resp: 2301891
Ion Ratio Lower Upper
112 100
64 51.0 39.6 59.4
63 26.6 20.3 30.5



#6
Aniline
Concen: 12.218 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 93 Resp: 300088
Ion Ratio Lower Upper
93 100
66 35.6 28.2 42.4
65 17.7 14.1 21.1

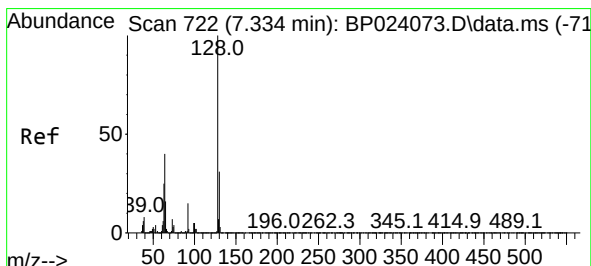
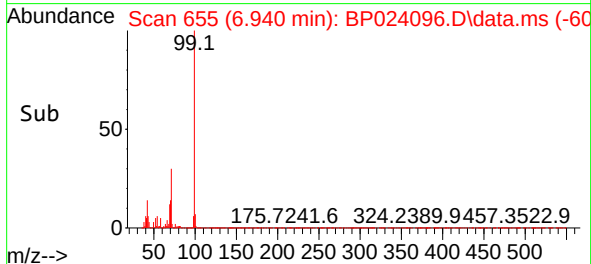
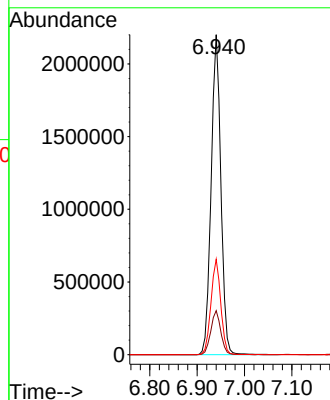
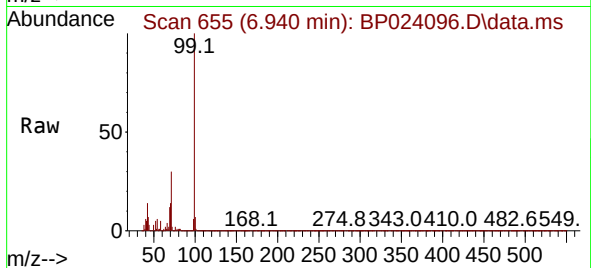




#7
Phenol-d6
Concen: 117.115 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

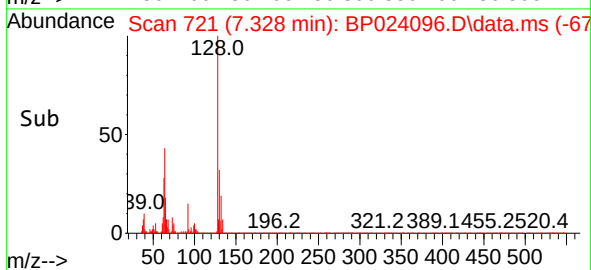
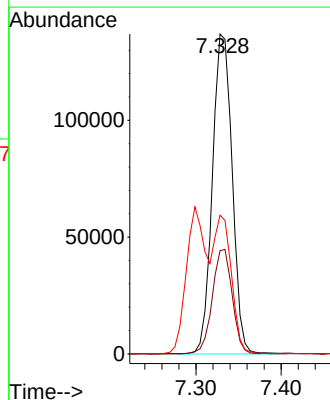
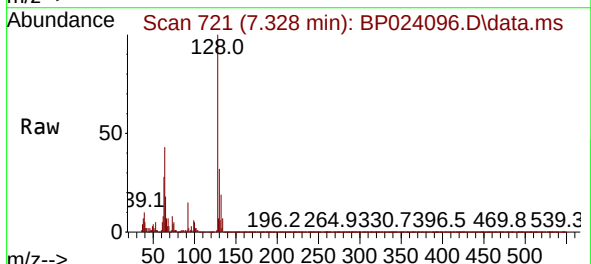
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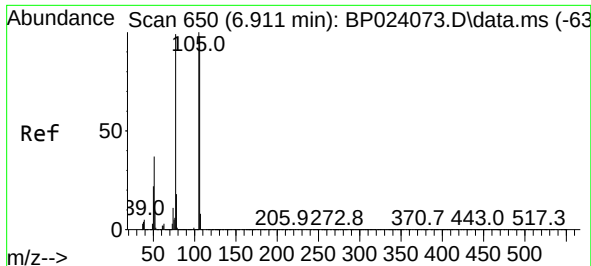
Tgt Ion: 99 Resp: 3141056
Ion Ratio Lower Upper
99 100
42 13.8 10.3 15.5
71 29.8 22.9 34.3



#8
2-Chlorophenol
Concen: 9.997 ng
RT: 7.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 128 Resp: 220810
Ion Ratio Lower Upper
128 100
130 32.3 11.5 51.5
64 43.3 19.8 59.8

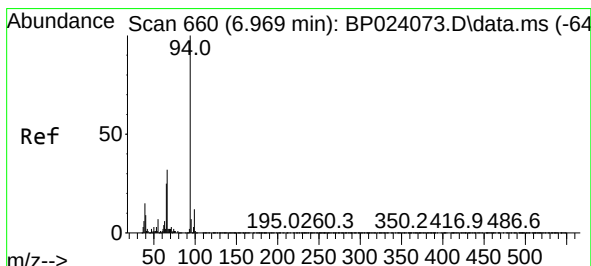
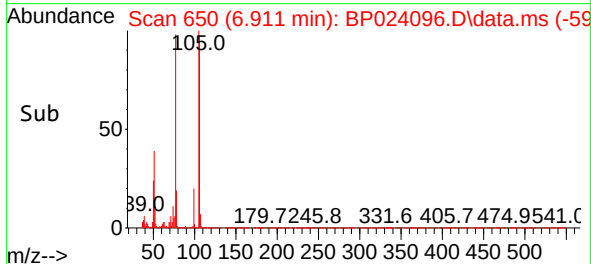
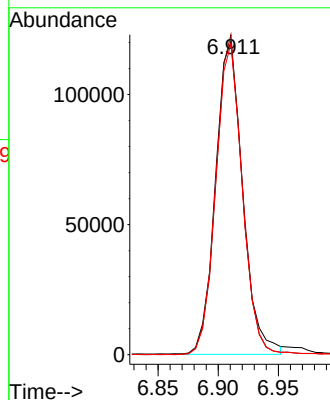
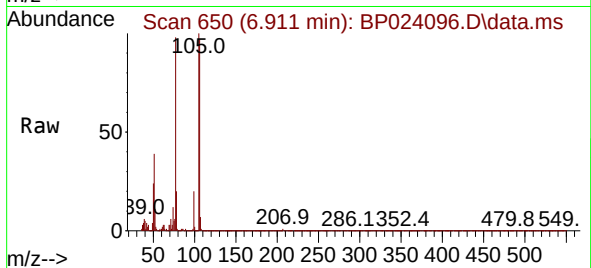




#9
Benzaldehyde
Concen: 15.509 ng m
RT: 6.911 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

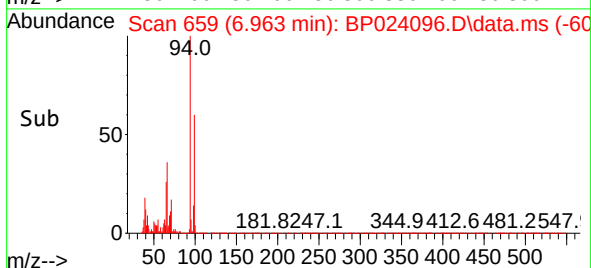
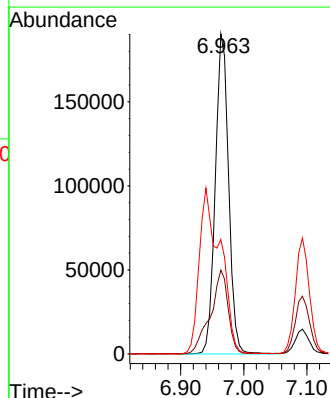
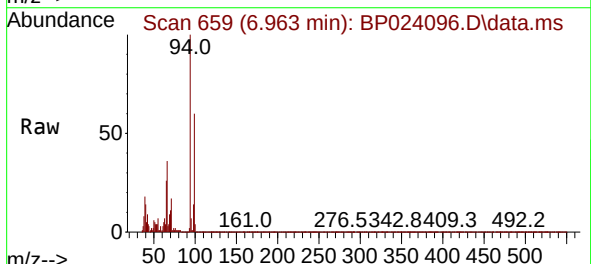
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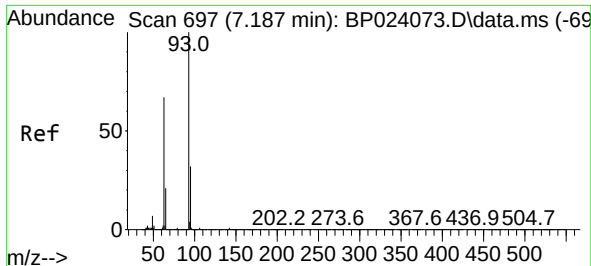
Tgt Ion: 77 Resp: 189913
Ion Ratio Lower Upper
77 100
105 102.2 81.4 121.4
106 99.3 79.0 119.0



#10
Phenol
Concen: 10.341 ng
RT: 6.963 min Scan# 659
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 94 Resp: 278892
Ion Ratio Lower Upper
94 100
65 26.2 5.0 45.0
66 35.8 11.6 51.6

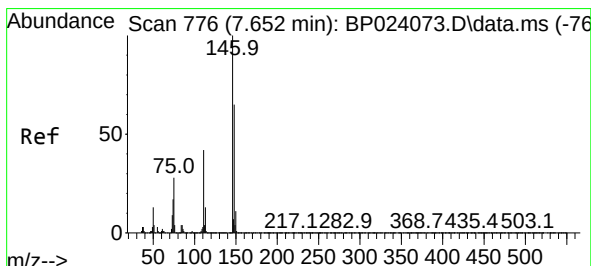
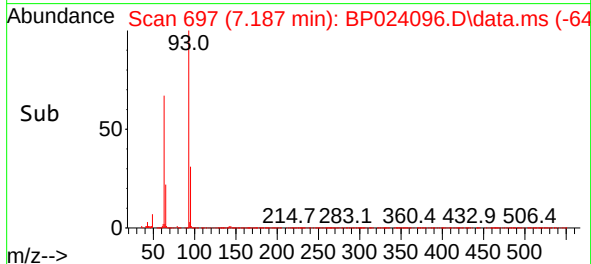
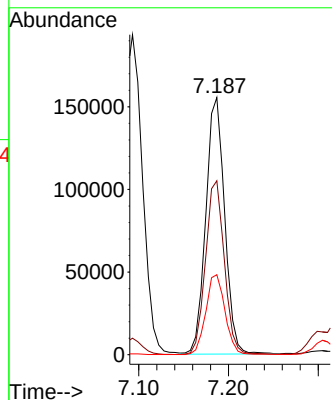
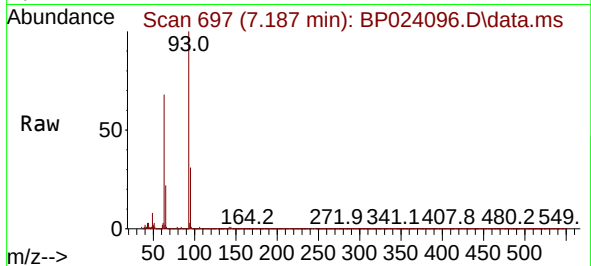




#11
bis(2-Chloroethyl)ether
Concen: 10.675 ng
RT: 7.187 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

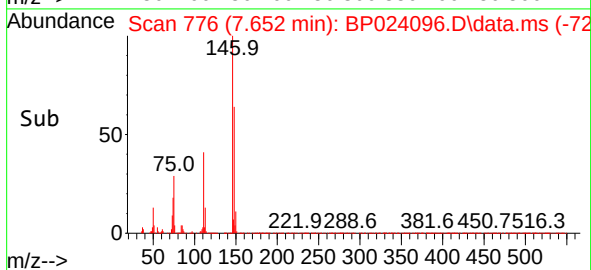
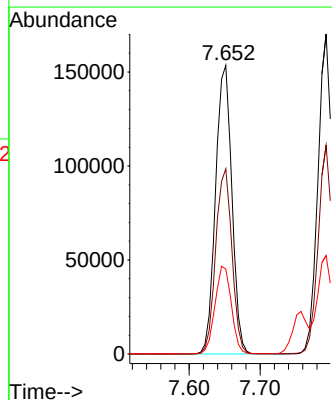
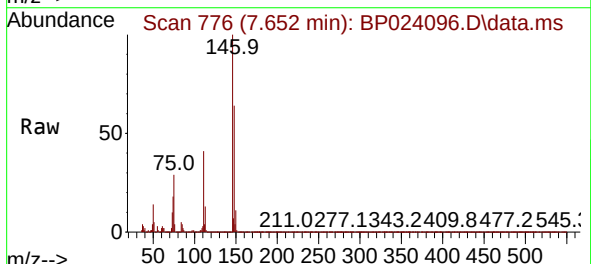
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

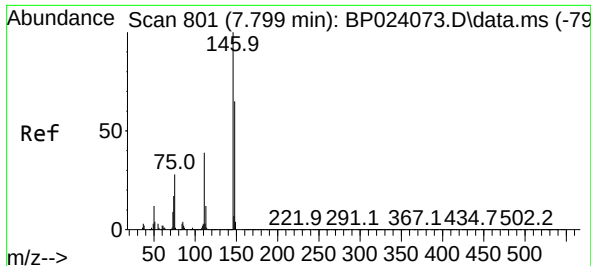
Tgt Ion: 93 Resp: 226755
Ion Ratio Lower Upper
93 100
63 67.7 46.5 86.5
95 31.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 10.064 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 146 Resp: 244186
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 29.4 22.6 33.8

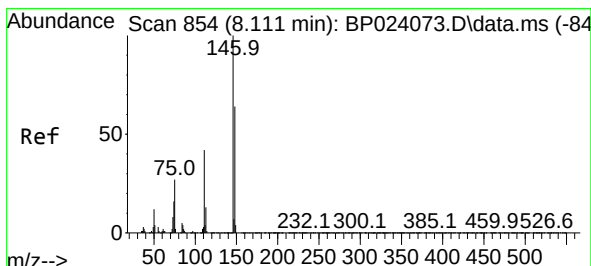
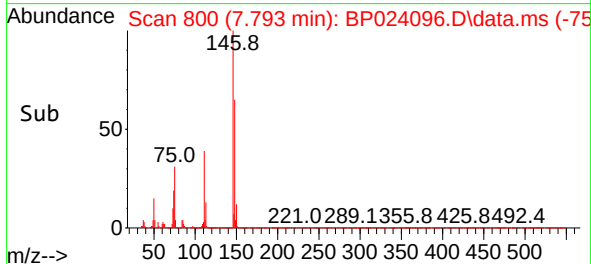
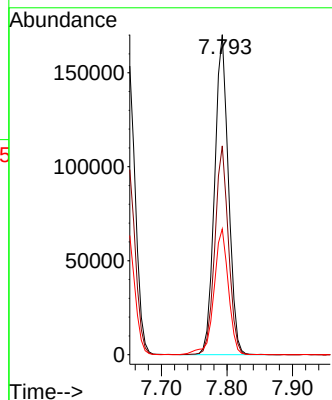
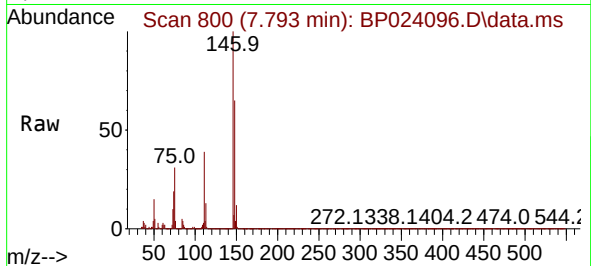




#13
1,4-Dichlorobenzene
Concen: 10.120 ng
RT: 7.793 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

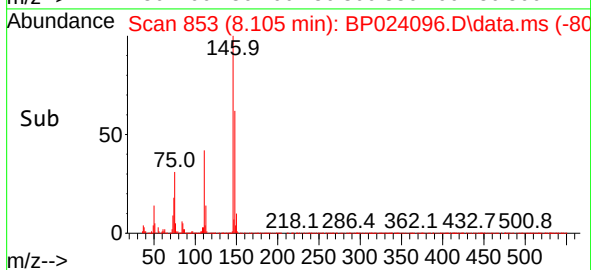
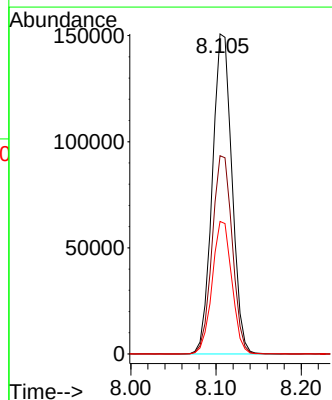
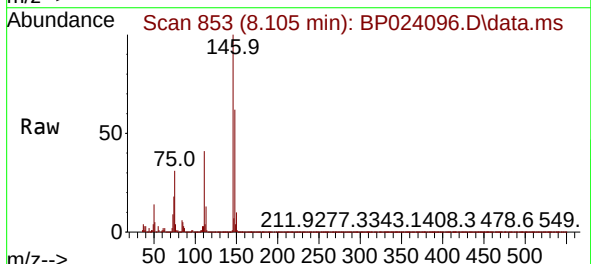
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

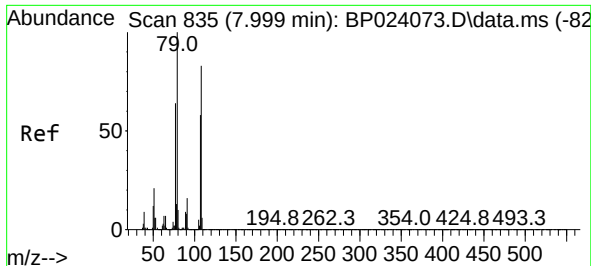
Tgt Ion:146 Resp: 248326
Ion Ratio Lower Upper
146 100
148 65.3 51.6 77.4
111 39.3 31.2 46.8



#14
1,2-Dichlorobenzene
Concen: 10.259 ng
RT: 8.105 min Scan# 853
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:146 Resp: 241589
Ion Ratio Lower Upper
146 100
148 62.0 51.2 76.8
111 41.4 33.4 50.0

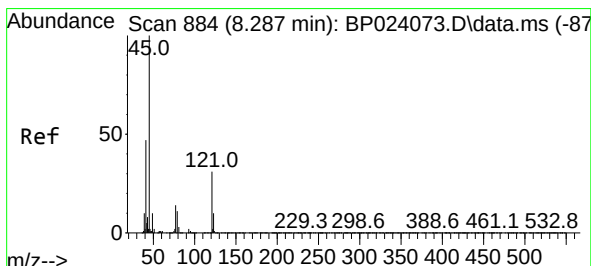
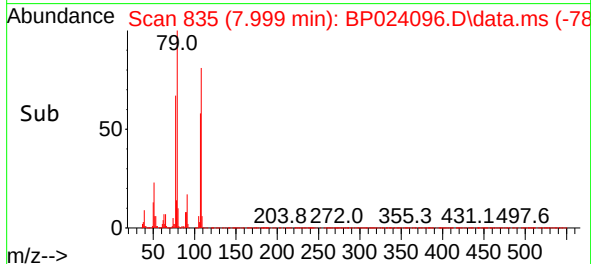
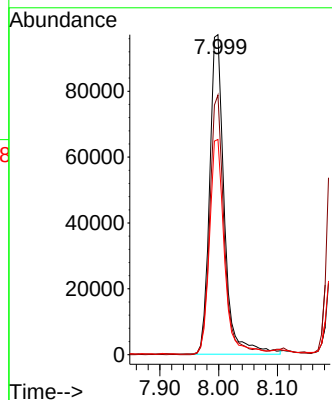
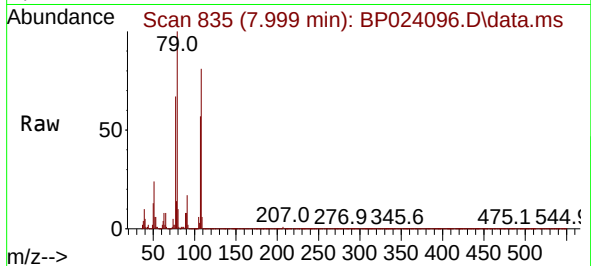




#15
Benzyl Alcohol
Concen: 10.239 ng
RT: 7.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

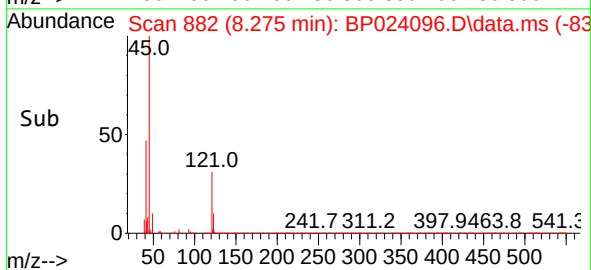
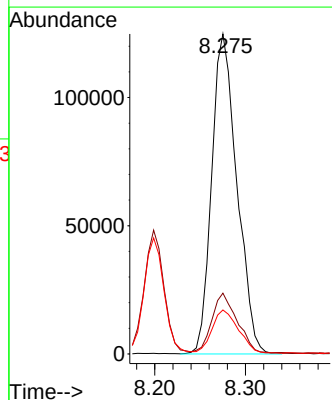
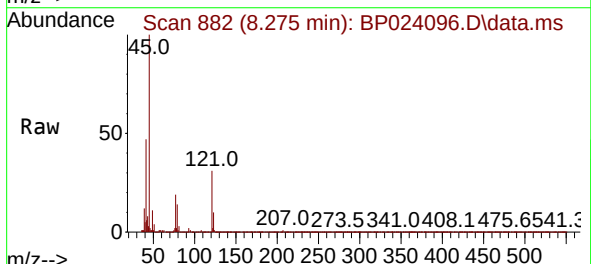
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

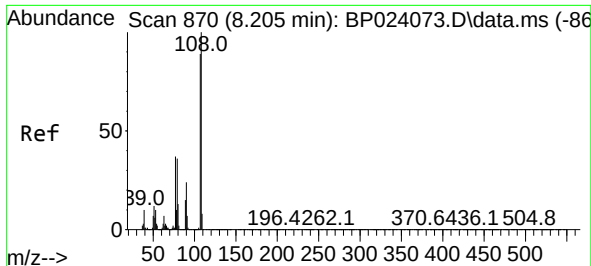
Tgt Ion: 79 Resp: 168104
Ion Ratio Lower Upper
79 100
108 81.1 66.4 99.6
77 67.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.713 ng m
RT: 8.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 45 Resp: 241540
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.8
79 13.7 0.0 35.4

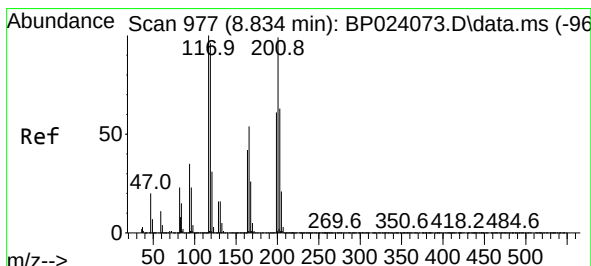
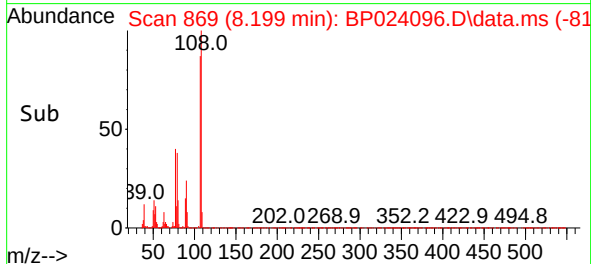
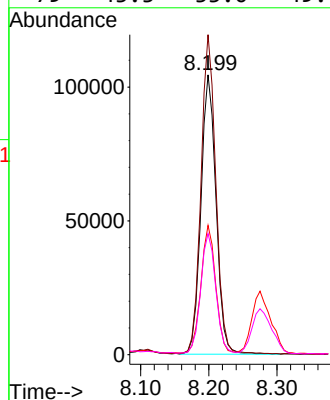
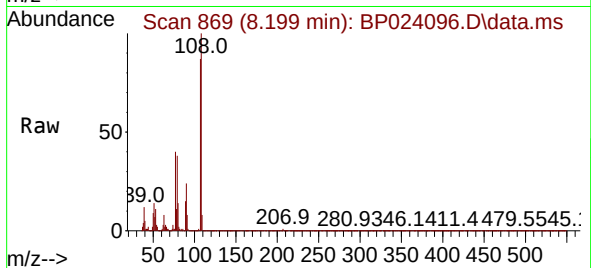




#17
2-Methylphenol
Concen: 9.770 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

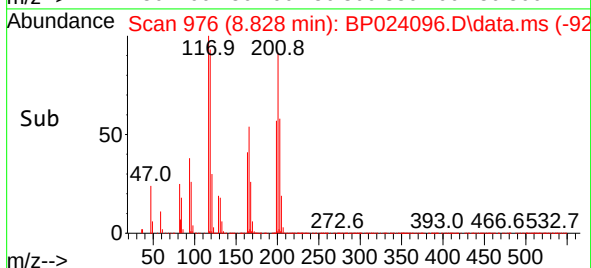
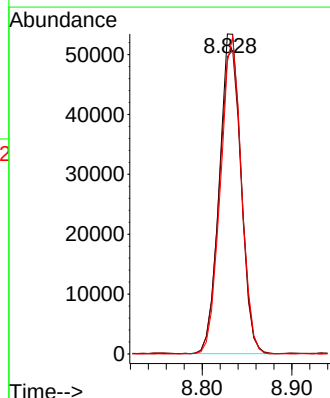
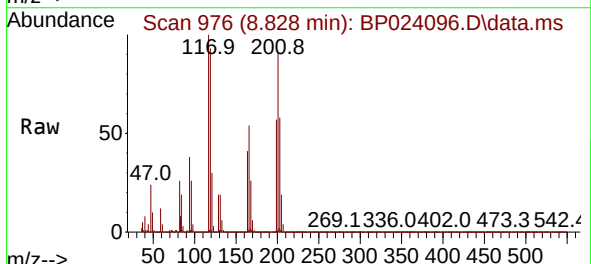
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

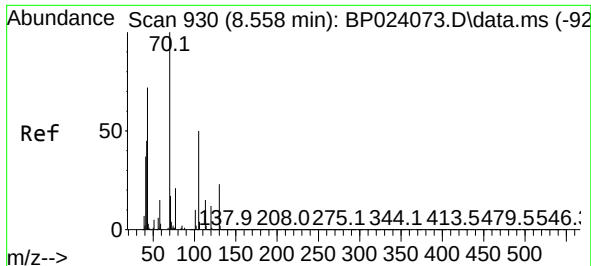
Tgt Ion:	107	Resp:	160570
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.0	135.0
77	46.2	33.8	50.6
79	43.3	33.0	49.4



#18
Hexachloroethane
Concen: 10.176 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:	117	Resp:	89927
Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.9	115.3
201	91.3	79.4	119.2



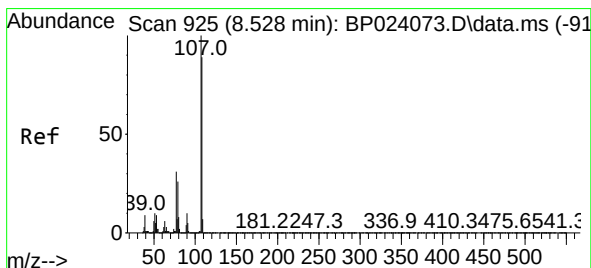
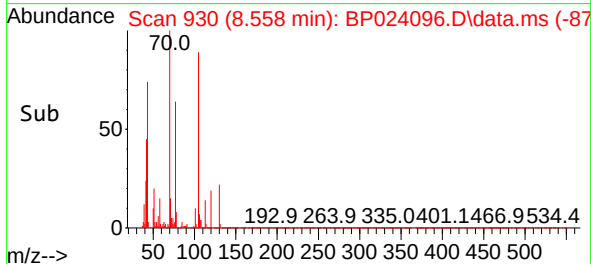
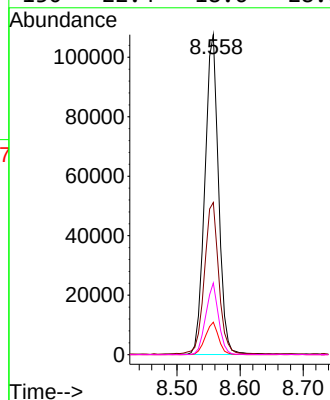
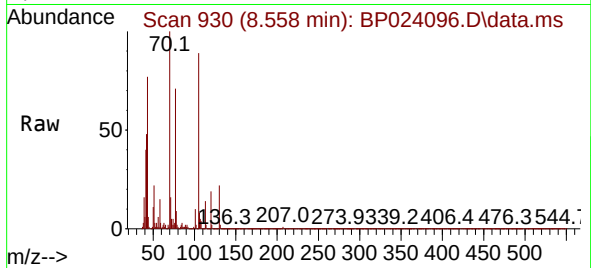


#19
n-Nitroso-di-n-propylamine
Concen: 11.257 ng
RT: 8.558 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 70 Resp: 162333

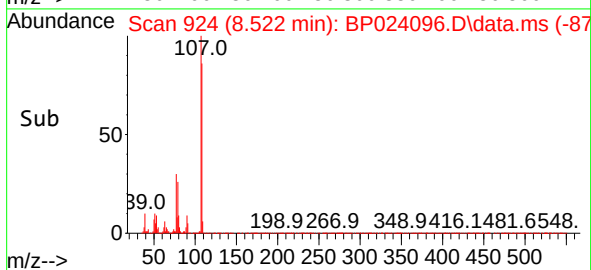
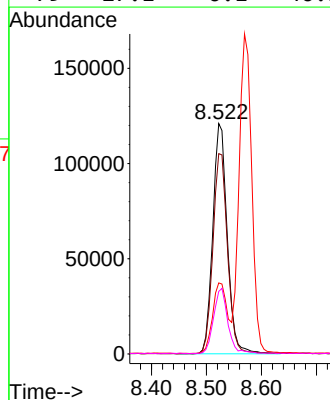
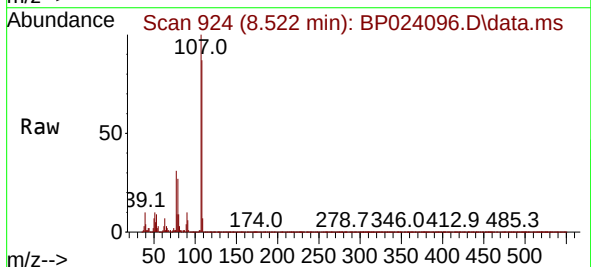
Ion	Ratio	Lower	Upper
70	100		
42	47.5	36.6	54.8
101	10.2	8.2	12.2
130	22.4	18.6	28.0

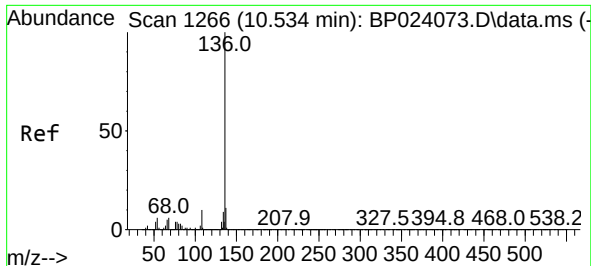


#20
3+4-Methylphenols
Concen: 9.879 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 107 Resp: 220885

Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	30.8	10.7	50.7
79	27.1	6.1	46.1



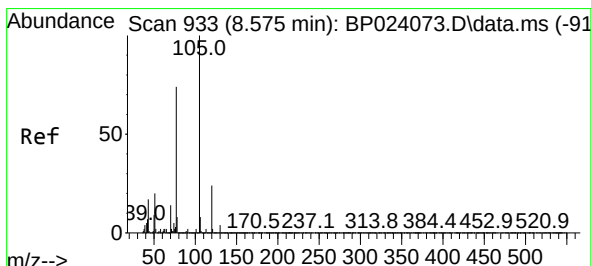
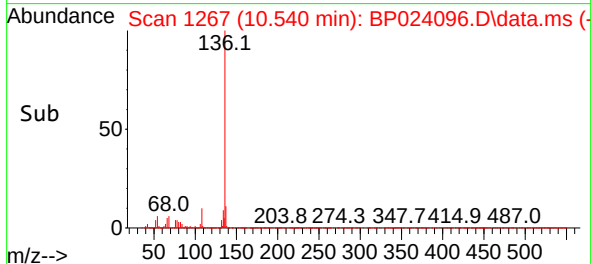
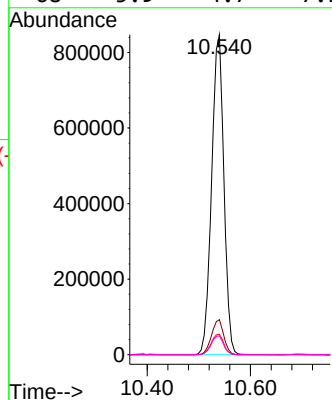
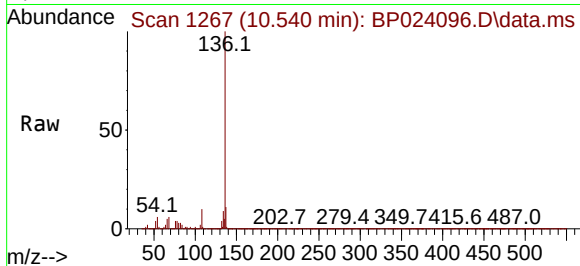


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:136 Resp: 1394559

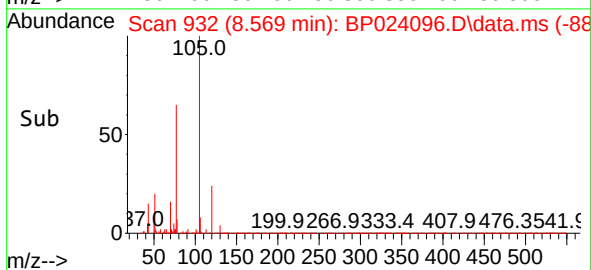
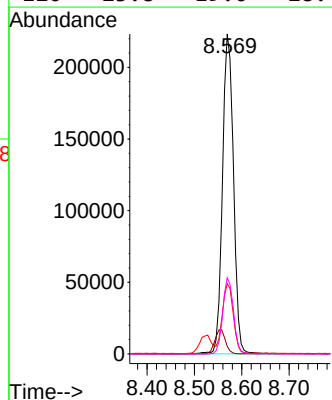
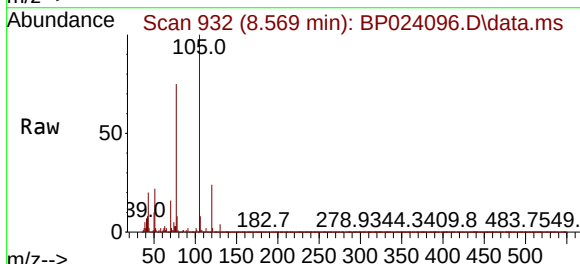
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	4.9	7.3
68	5.9	4.7	7.1

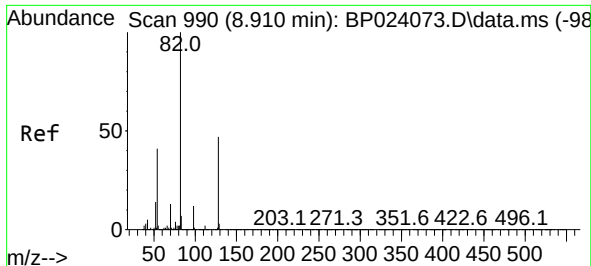


#22
Acetophenone
Concen: 10.047 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:105 Resp: 360036

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.9	2.9
51	21.9	16.3	24.5
120	23.8	19.0	28.4

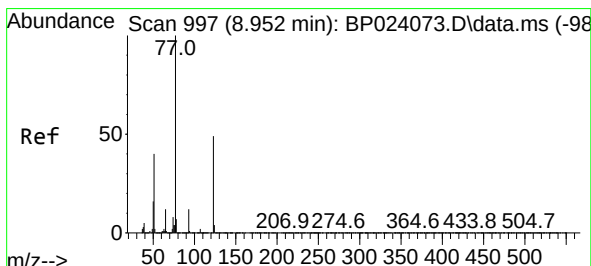
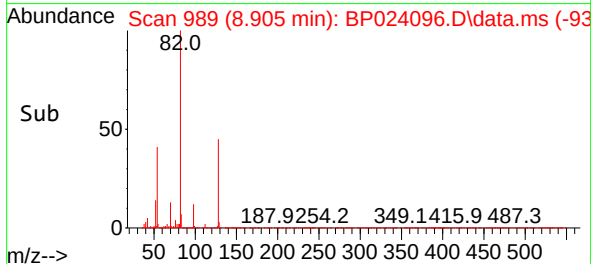
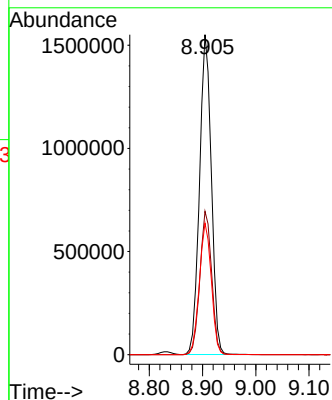
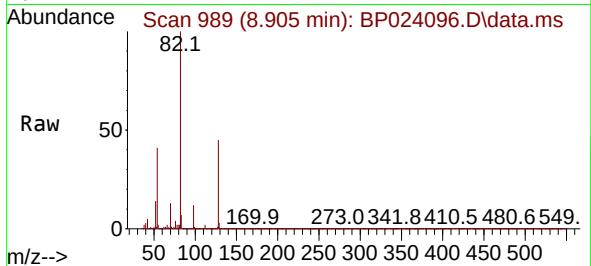




#23
Nitrobenzene-d5
Concen: 95.642 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

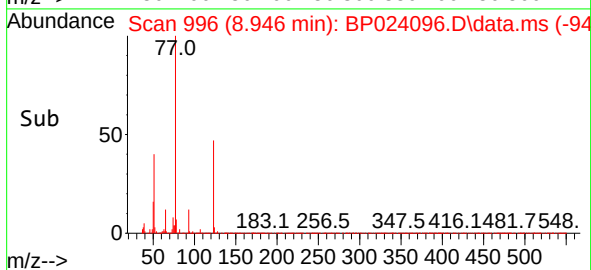
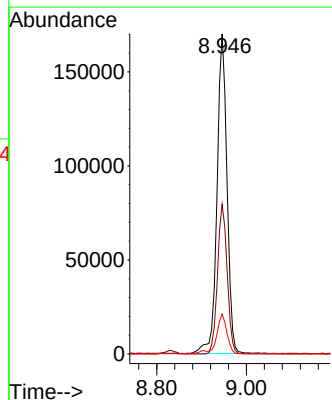
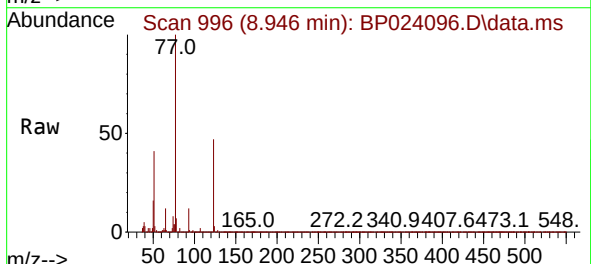
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

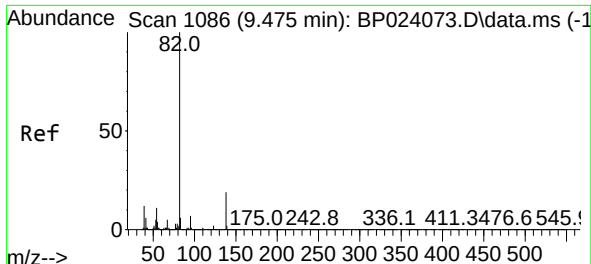
Tgt Ion: 82 Resp: 2390760
Ion Ratio Lower Upper
82 100
128 44.8 37.4 56.2
54 41.1 32.4 48.6



#24
Nitrobenzene
Concen: 10.691 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 77 Resp: 262999
Ion Ratio Lower Upper
77 100
123 46.8 39.4 59.2
65 12.4 9.9 14.9

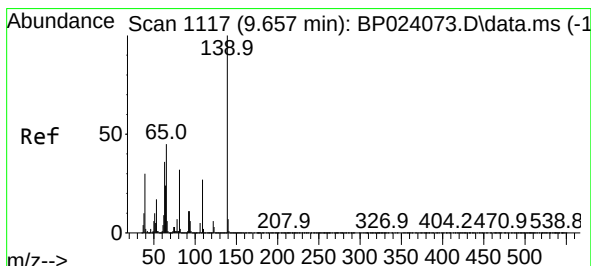
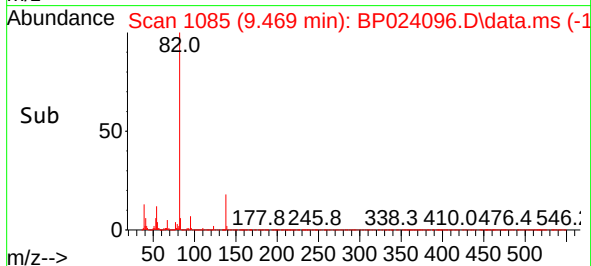
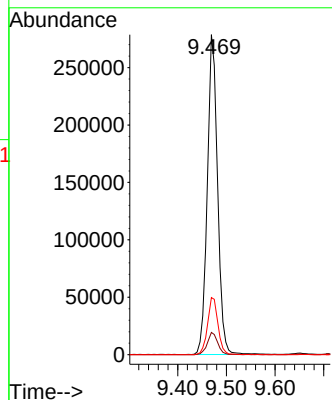
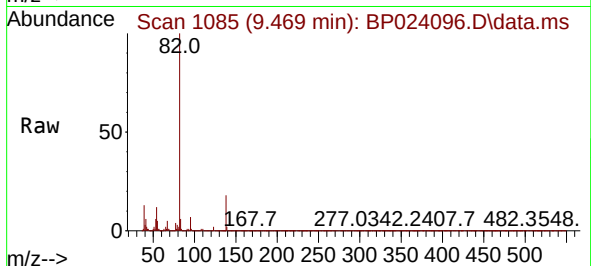




#25
Isophorone
Concen: 9.953 ng
RT: 9.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

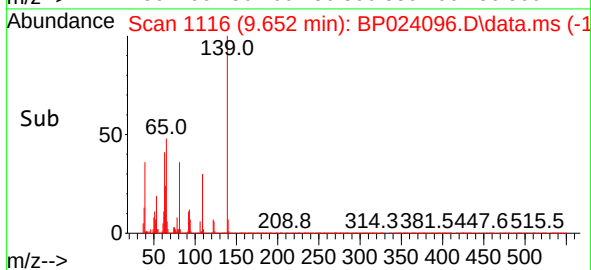
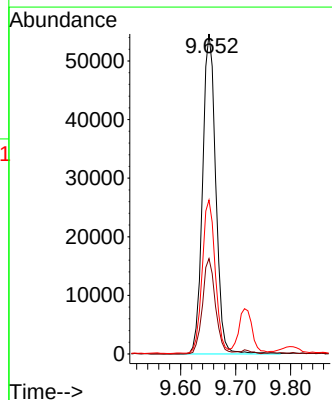
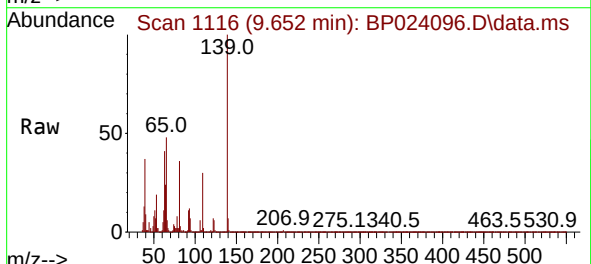
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

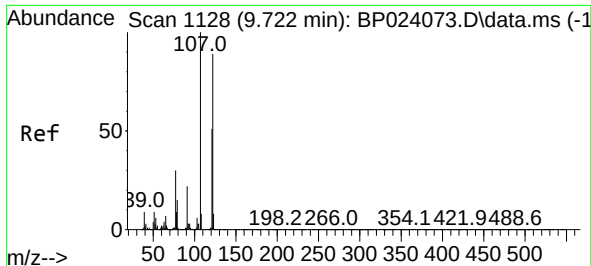
Tgt Ion: 82 Resp: 406870
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.8 15.3 22.9



#26
2-Nitrophenol
Concen: 8.049 ng
RT: 9.652 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 139 Resp: 91222
Ion Ratio Lower Upper
139 100
109 29.8 21.7 32.5
65 48.1 36.1 54.1





#27

2,4-Dimethylphenol

Concen: 8.472 ng

RT: 9.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

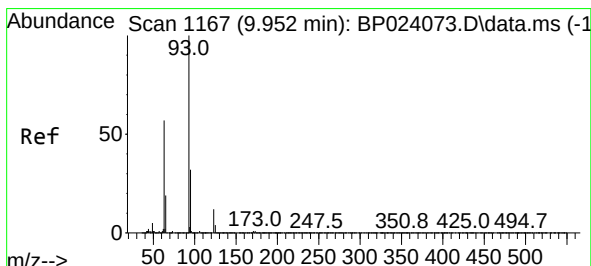
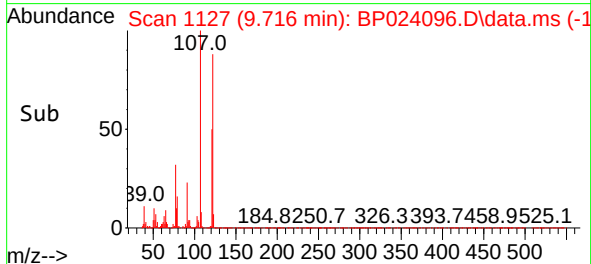
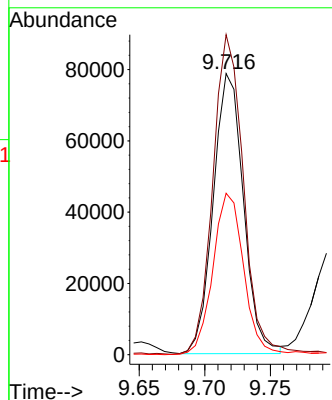
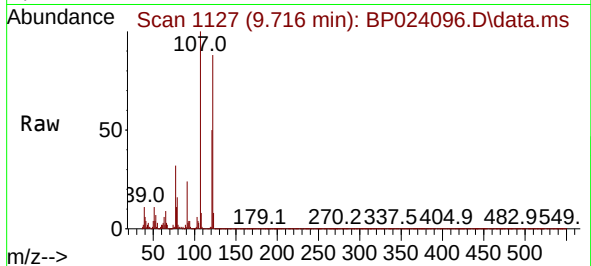
Tgt Ion:122 Resp: 126044

Ion Ratio Lower Upper

122 100

107 113.8 89.8 134.8

121 57.4 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 10.096 ng

RT: 9.946 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

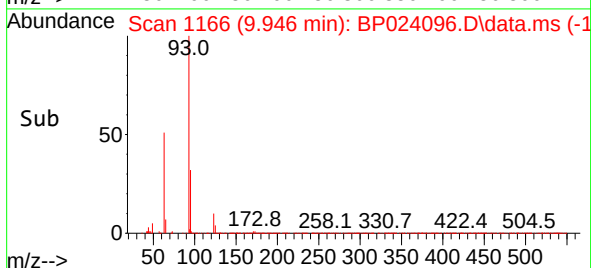
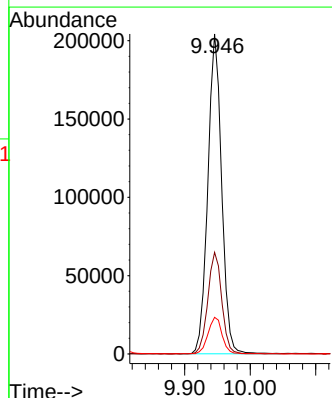
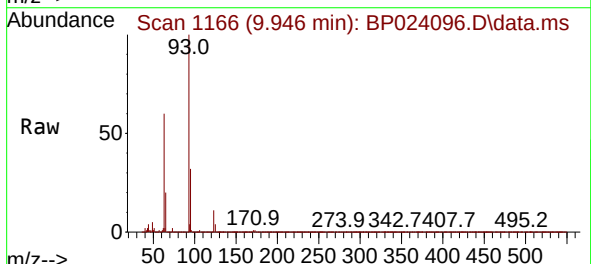
Tgt Ion: 93 Resp: 298973

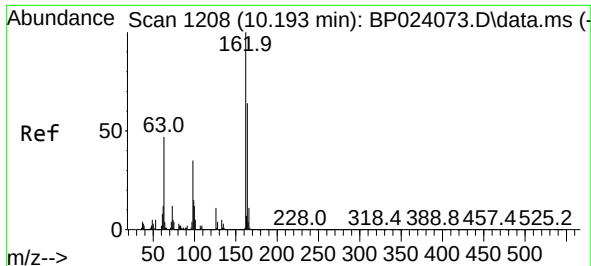
Ion Ratio Lower Upper

93 100

95 31.7 25.9 38.9

123 11.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 8.416 ng

RT: 10.193 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

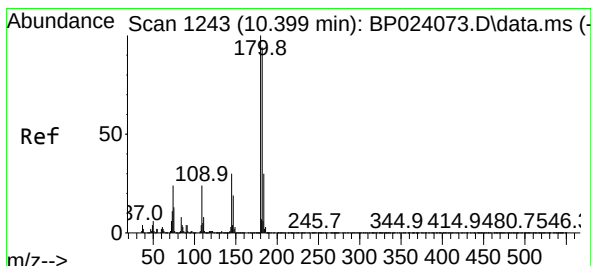
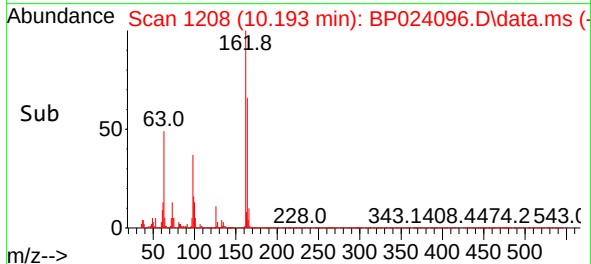
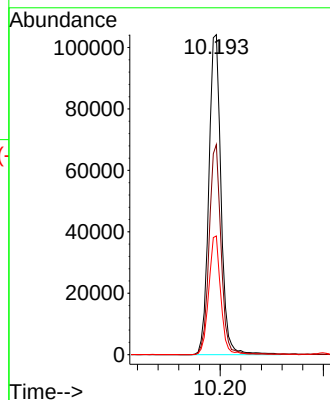
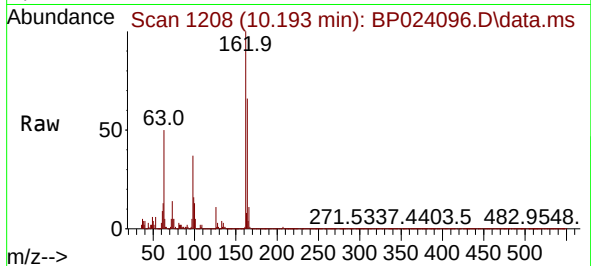
Tgt Ion:162 Resp: 170879

Ion Ratio Lower Upper

162 100

164 65.6 44.5 84.5

98 37.1 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 9.211 ng

RT: 10.399 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

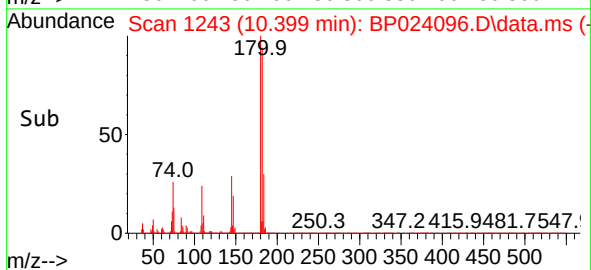
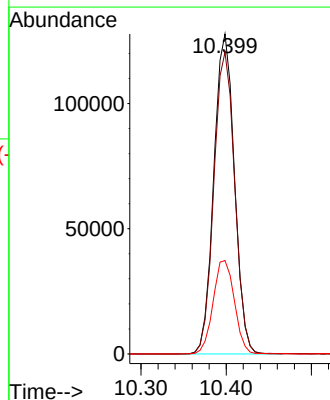
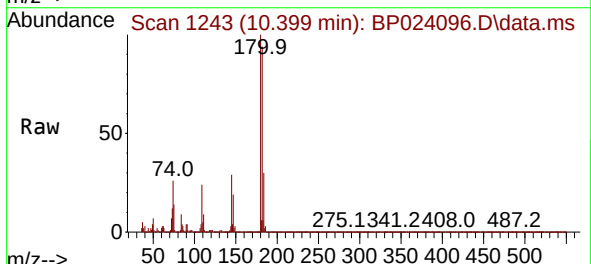
Tgt Ion:180 Resp: 214265

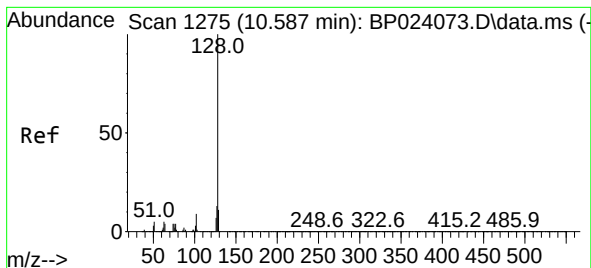
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 29.2 24.0 36.0

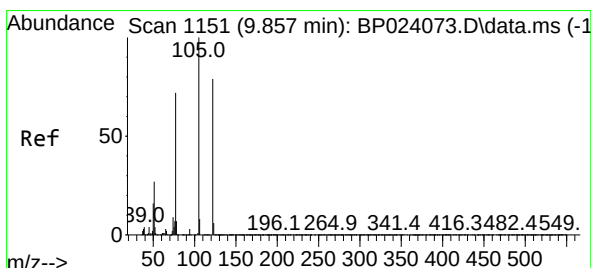
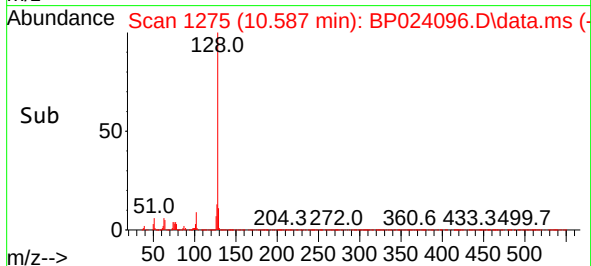
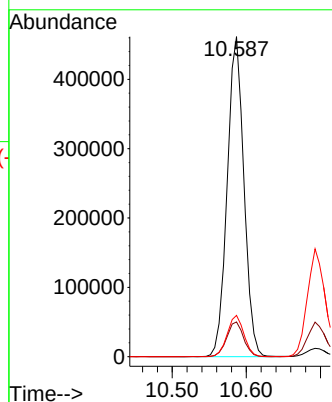
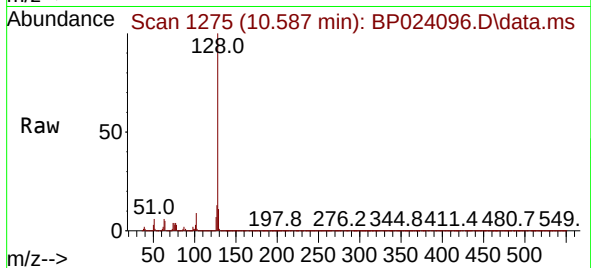




#31
Naphthalene
Concen: 9.630 ng
RT: 10.587 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

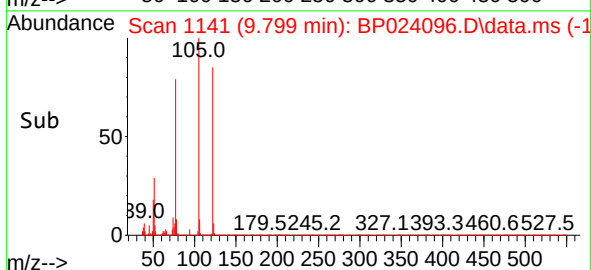
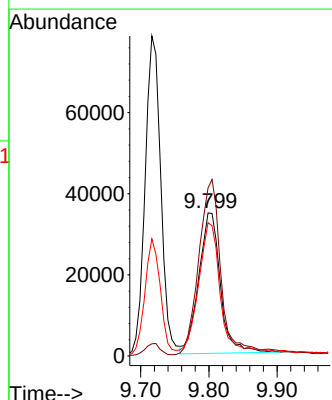
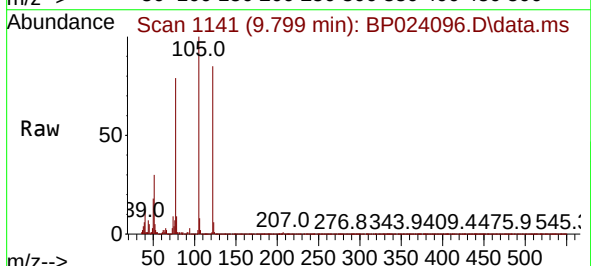
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

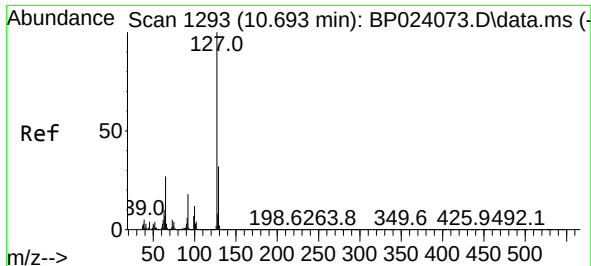
Tgt Ion:128 Resp: 722073
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 11.636 ng
RT: 9.799 min Scan# 1141
Delta R.T. -0.058 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:122 Resp: 76717
Ion Ratio Lower Upper
122 100
105 117.4 103.7 143.7
77 93.2 69.9 109.9

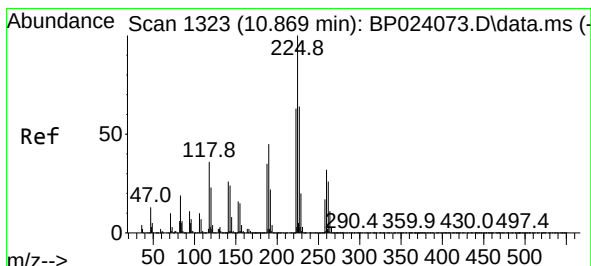
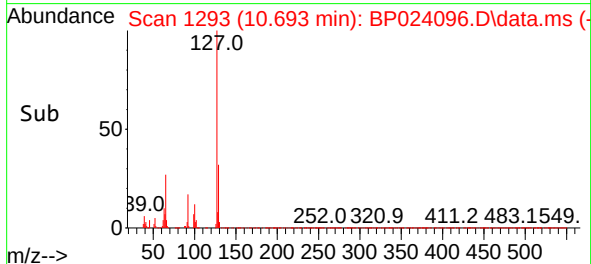
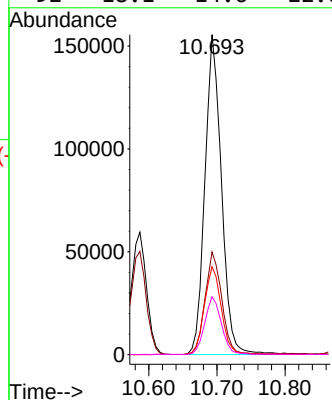
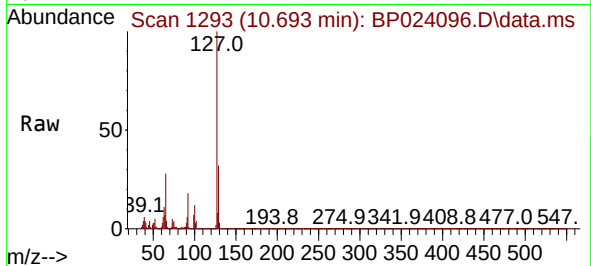




#33
4-Chloroaniline
Concen: 9.952 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

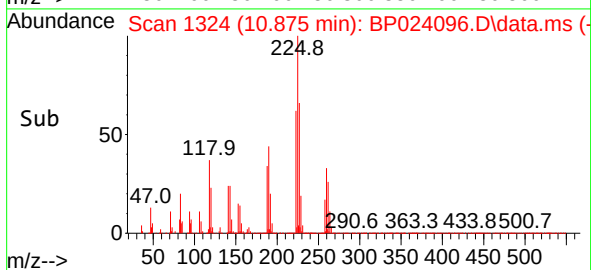
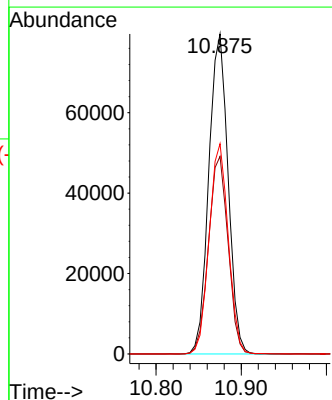
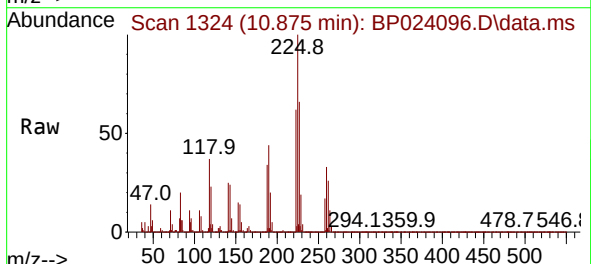
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

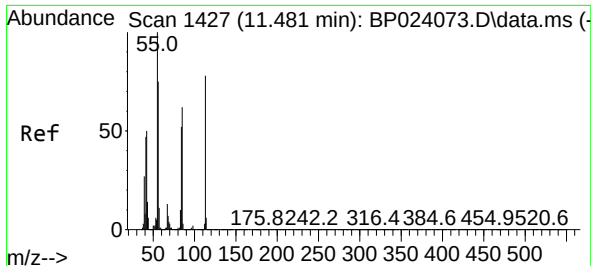
Tgt Ion:	127	Resp:	262903
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.0
65	27.5	21.3	31.9
92	18.1	14.6	22.0



#34
Hexachlorobutadiene
Concen: 9.262 ng
RT: 10.875 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:	225	Resp:	124789
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.5	75.7
227	65.7	51.3	76.9

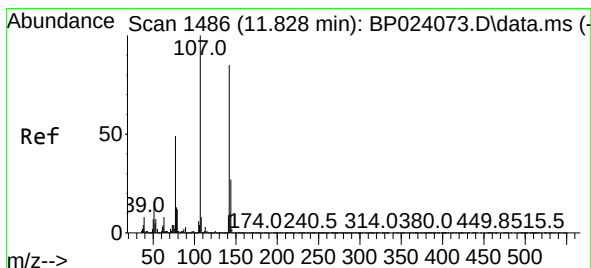
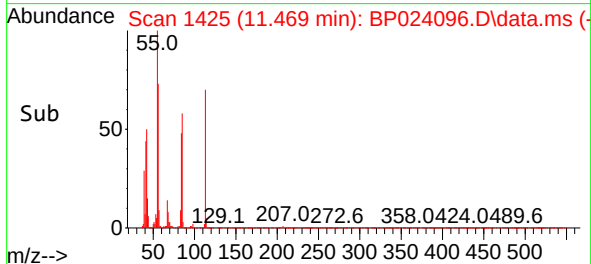
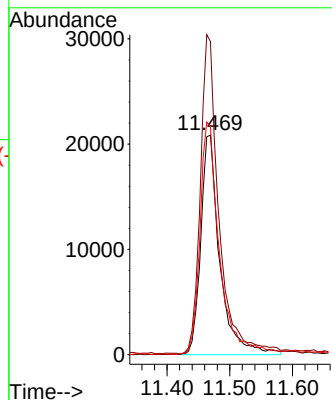
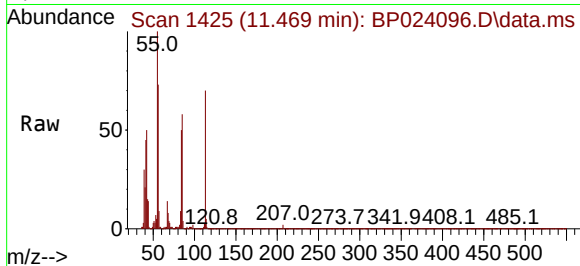




#35
 Caprolactam
 Concen: 11.271 ng m
 RT: 11.469 min Scan# 1425
 Delta R.T. -0.012 min
 Lab File: BP024096.D
 Acq: 19 Feb 2025 13:16

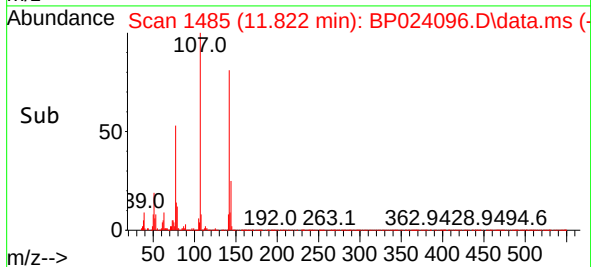
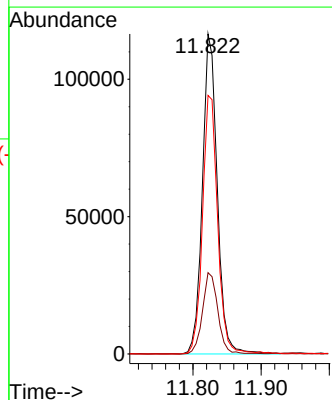
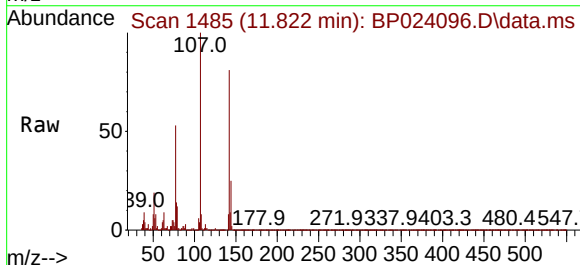
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

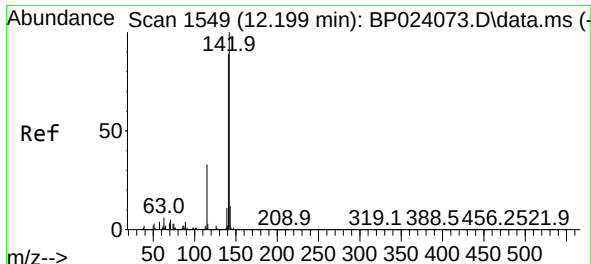
Tgt Ion:113 Resp: 44078
 Ion Ratio Lower Upper
 113 100
 55 142.7 108.8 148.8
 56 104.2 76.5 116.5



#36
 4-Chloro-3-methylphenol
 Concen: 8.468 ng
 RT: 11.822 min Scan# 1485
 Delta R.T. -0.006 min
 Lab File: BP024096.D
 Acq: 19 Feb 2025 13:16

Tgt Ion:107 Resp: 176742
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.8 32.8
 142 80.8 67.8 101.8

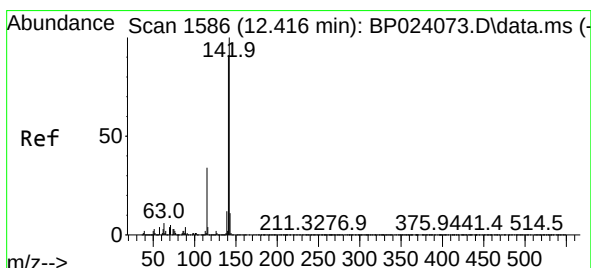
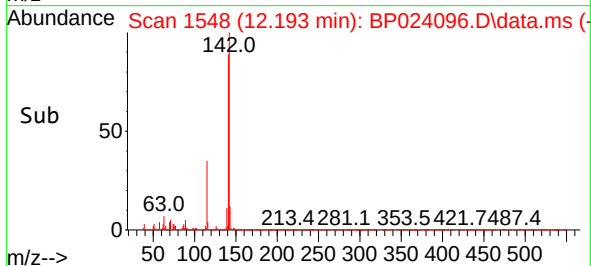
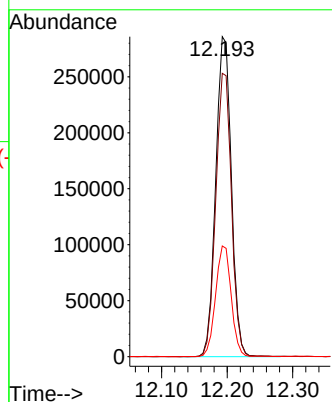
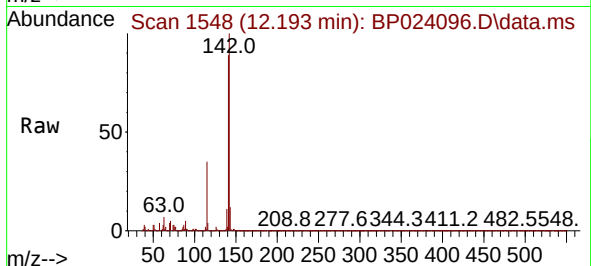




#37
2-Methylnaphthalene
Concen: 9.457 ng
RT: 12.193 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

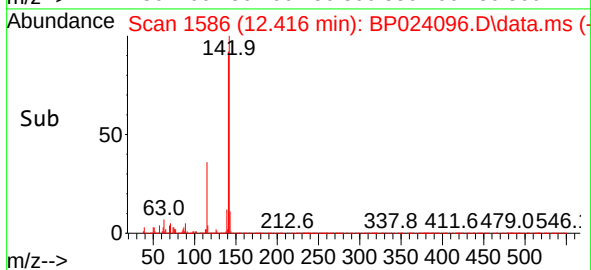
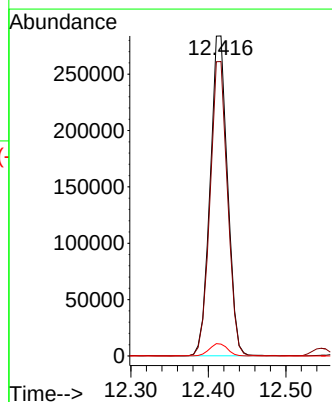
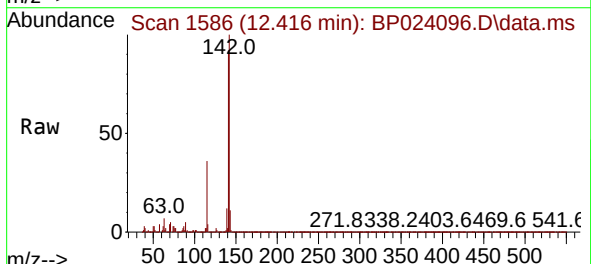
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

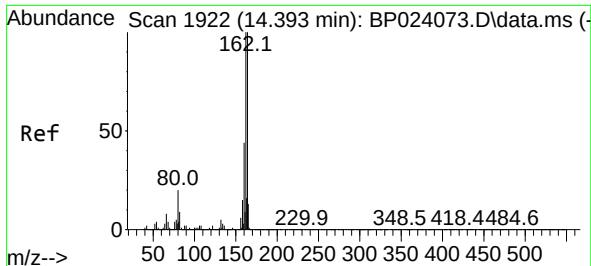
Tgt Ion:142 Resp: 471304
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 34.6 26.5 39.7



#38
1-Methylnaphthalene
Concen: 9.144 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:142 Resp: 443358
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.6
116 3.7 2.8 4.2

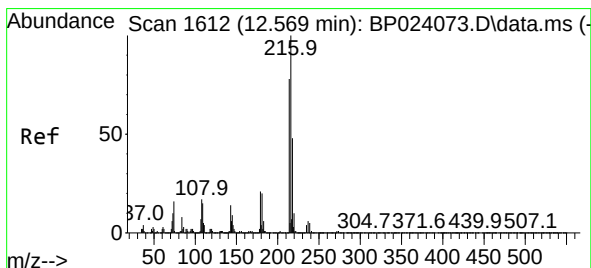
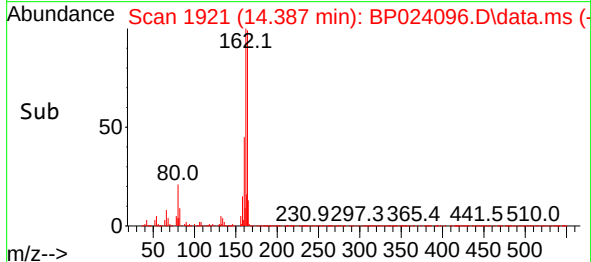
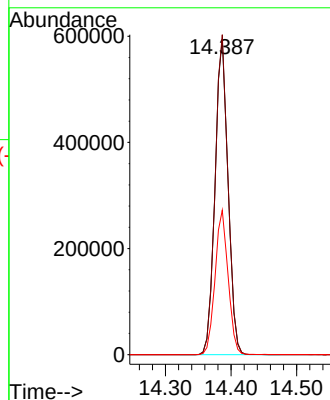
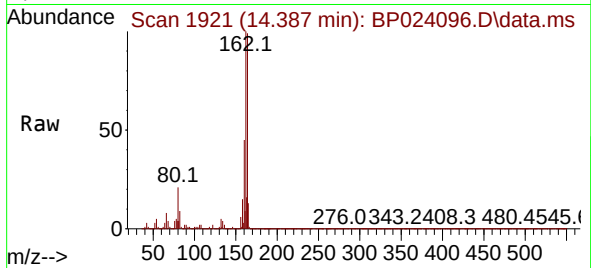




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

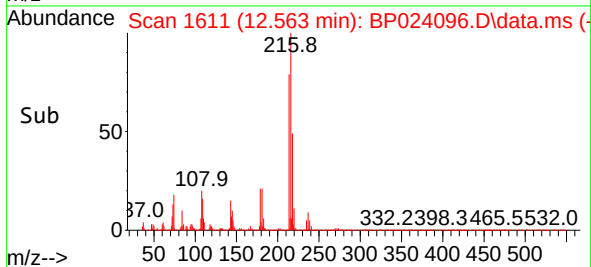
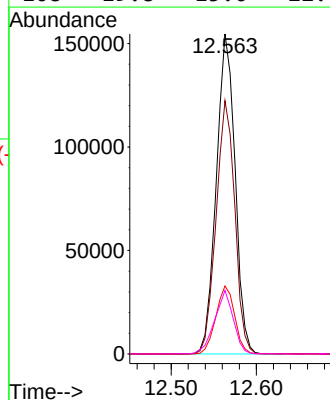
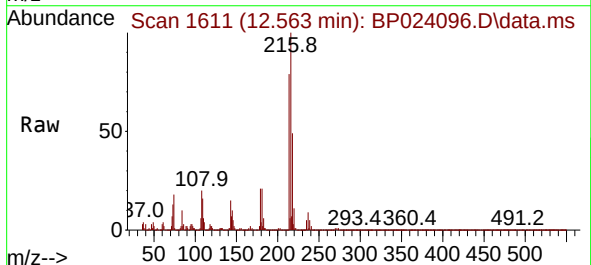
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

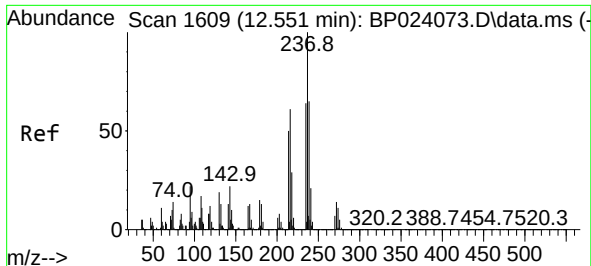
Tgt Ion:164 Resp: 817475
Ion Ratio Lower Upper
164 100
162 101.4 80.1 120.1
160 45.8 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.427 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:216 Resp: 236785
Ion Ratio Lower Upper
216 100
214 78.8 62.7 94.1
179 21.3 16.6 25.0
108 19.8 15.0 22.6

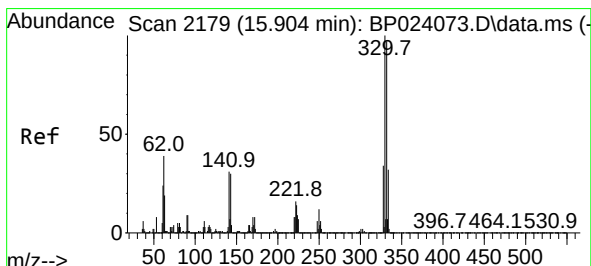
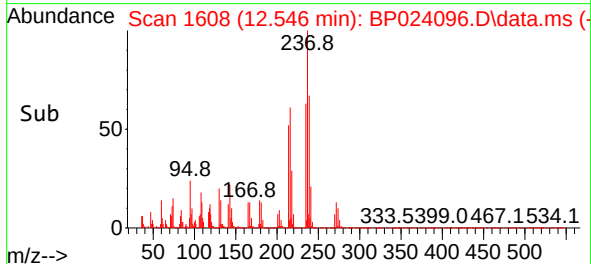
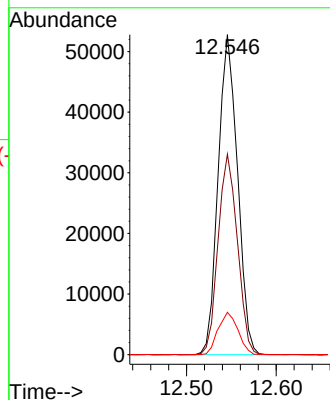
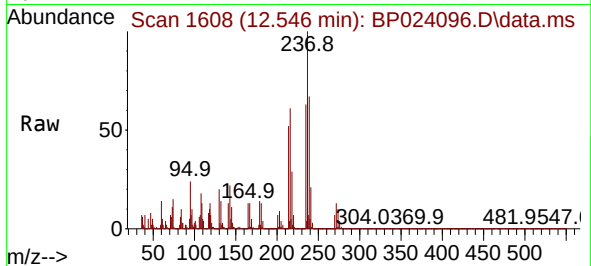




#41
Hexachlorocyclopentadiene
Concen: 8.452 ng
RT: 12.546 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

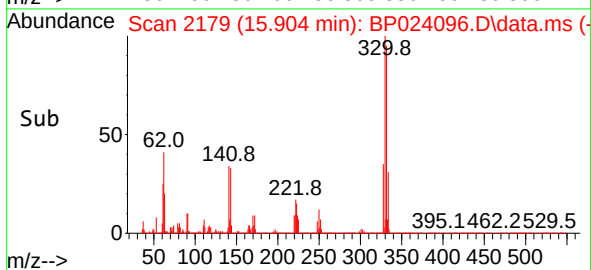
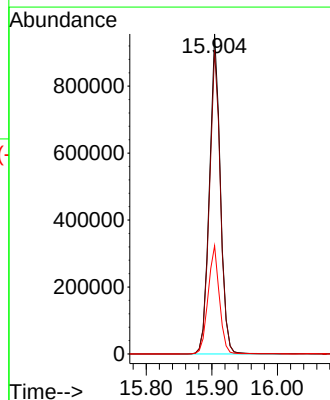
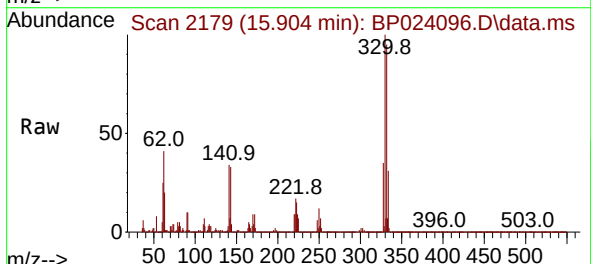
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

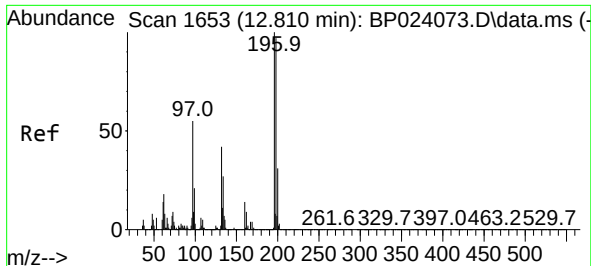
Tgt Ion:237 Resp: 78992
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.3 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 110.495 ng
RT: 15.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:330 Resp: 1106402
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 35.1 28.3 42.5

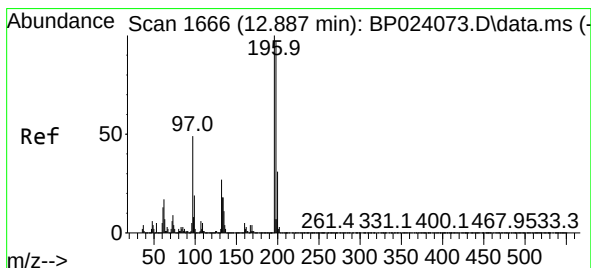
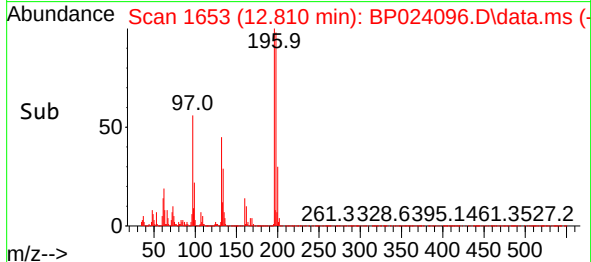
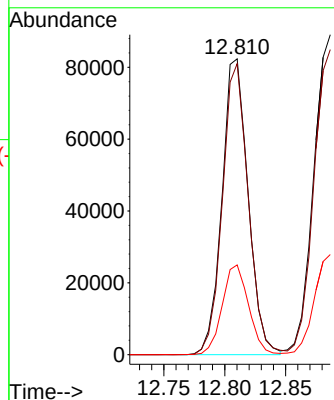
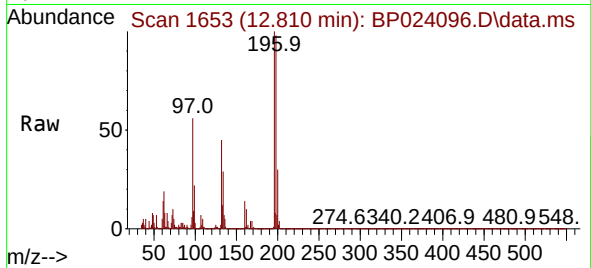




#43
2,4,6-Trichlorophenol
Concen: 8.051 ng
RT: 12.810 min Scan# 1653
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

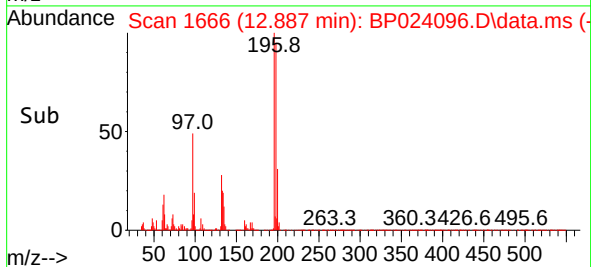
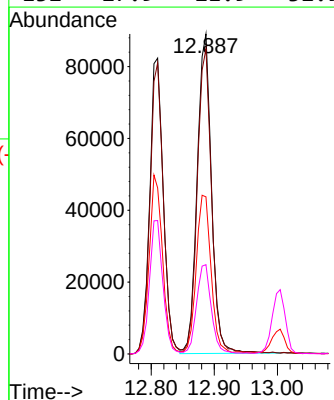
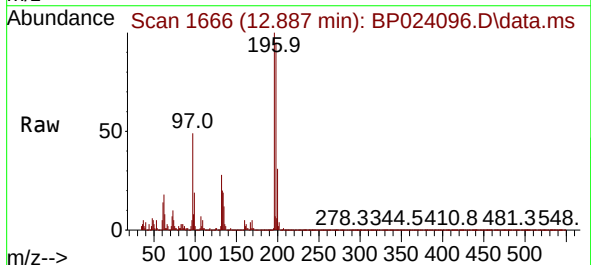
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

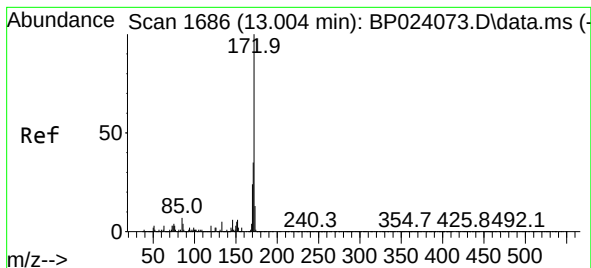
Tgt Ion:196 Resp: 123322
Ion Ratio Lower Upper
196 100
198 98.4 77.8 116.6
200 30.4 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 8.388 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:196 Resp: 140525
Ion Ratio Lower Upper
196 100
198 95.4 77.4 116.2
97 49.1 39.0 58.4
132 27.9 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 92.913 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

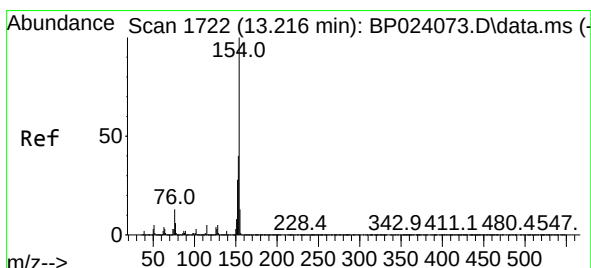
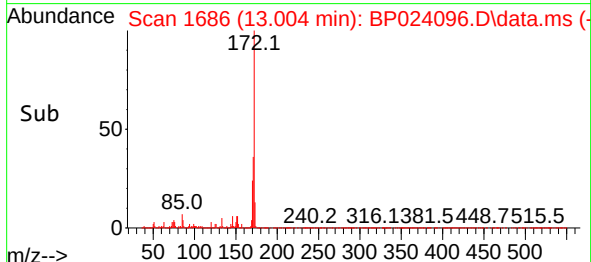
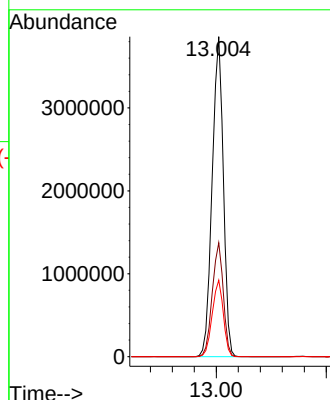
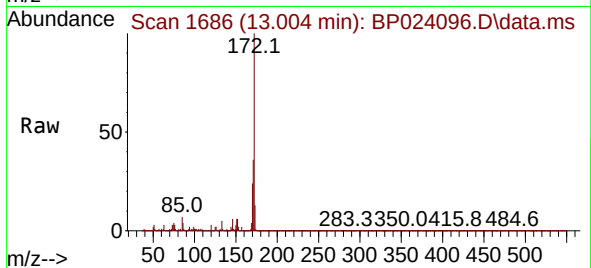
Tgt Ion:172 Resp: 5433076

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 9.927 ng

RT: 13.210 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

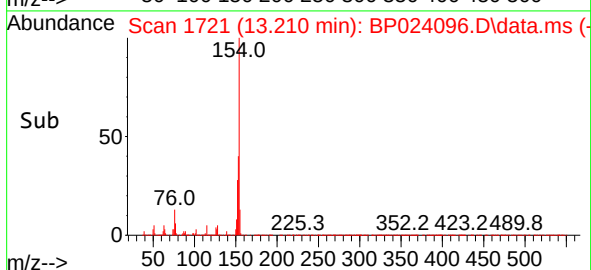
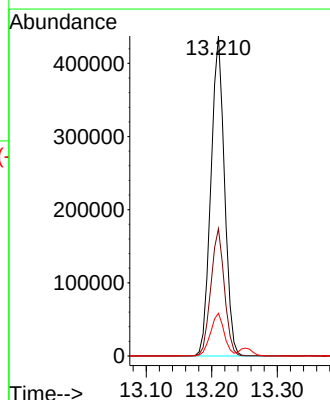
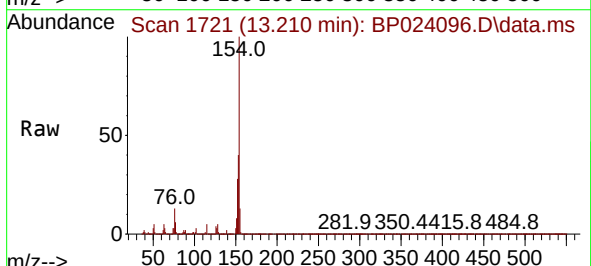
Tgt Ion:154 Resp: 630618

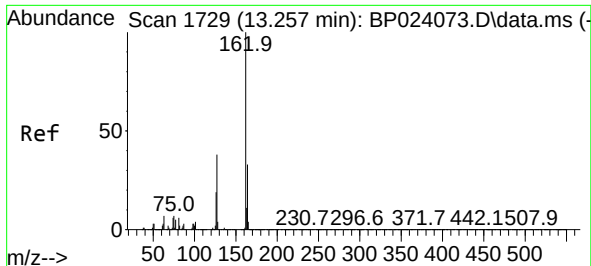
Ion Ratio Lower Upper

154 100

153 39.8 20.0 60.0

76 13.4 0.0 32.6

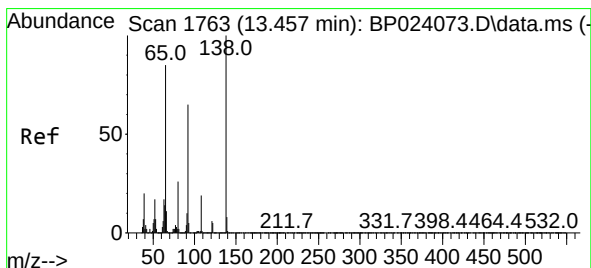
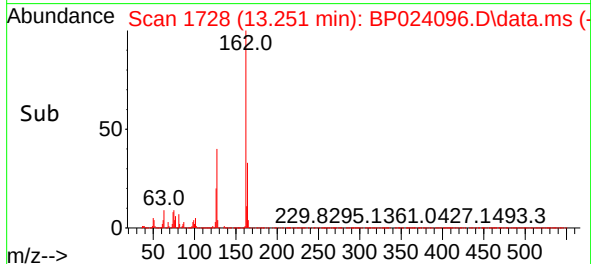
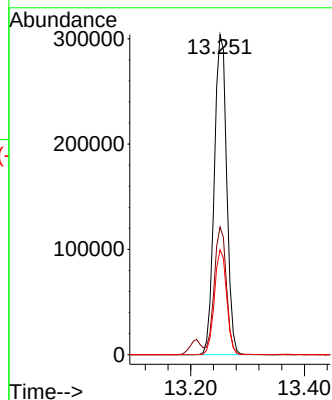
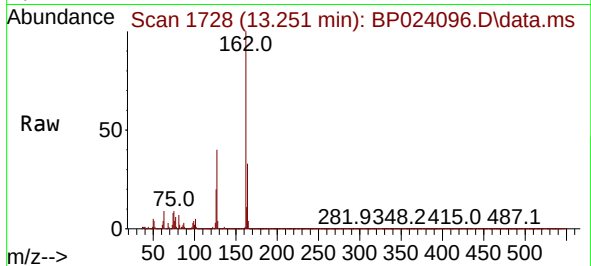




#47
2-Chloronaphthalene
Concen: 9.591 ng
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

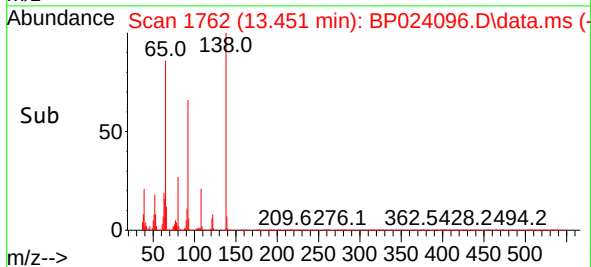
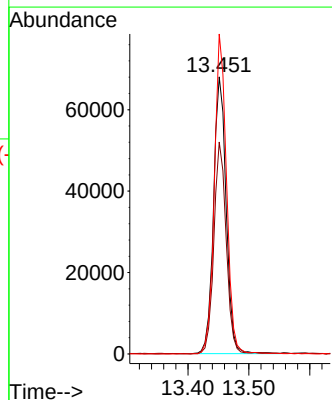
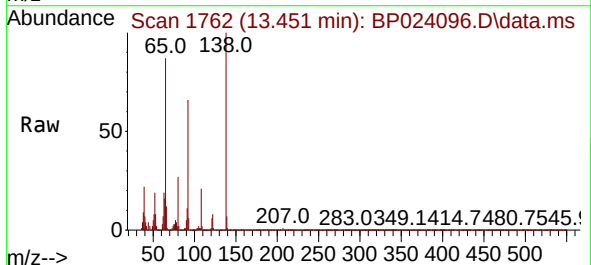
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

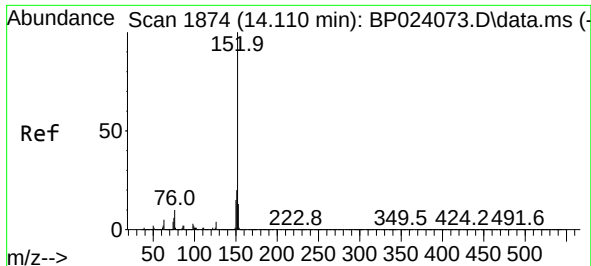
Tgt Ion:162 Resp: 460562
Ion Ratio Lower Upper
162 100
127 39.9 30.7 46.1
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 8.644 ng
RT: 13.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion: 65 Resp: 98055
Ion Ratio Lower Upper
65 100
92 76.5 61.7 92.5
138 115.4 94.6 142.0

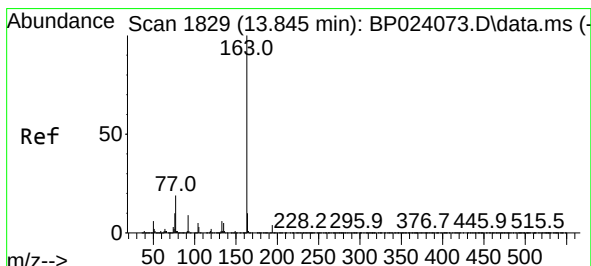
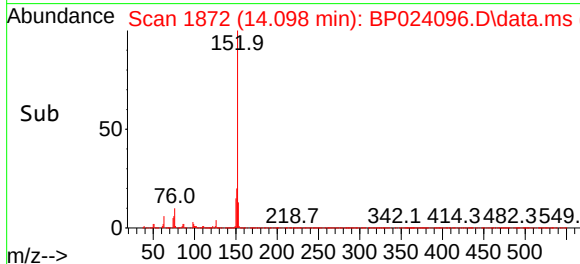
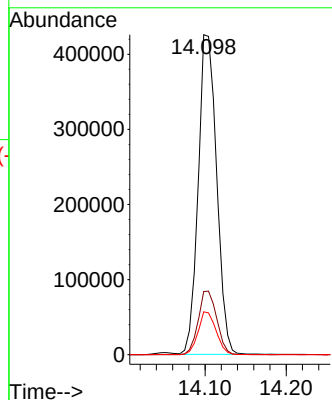
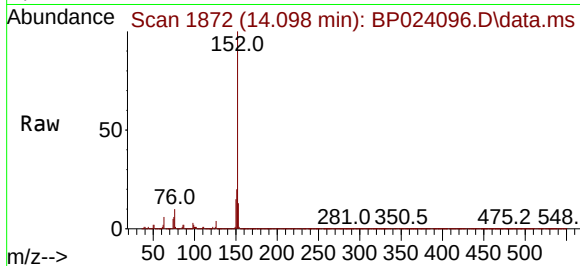




#49
Acenaphthylene
Concen: 9.504 ng
RT: 14.098 min Scan# 1872
Delta R.T. -0.012 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

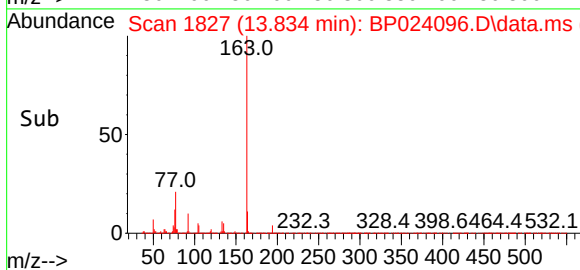
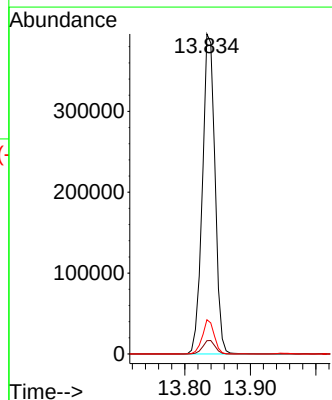
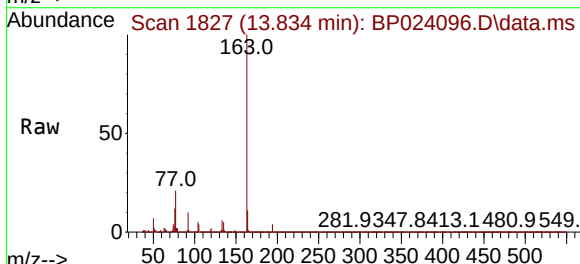
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

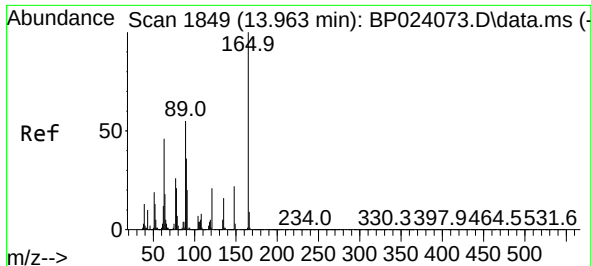
Tgt Ion:152 Resp: 672424
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 9.169 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:163 Resp: 528726
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.7 8.1 12.1

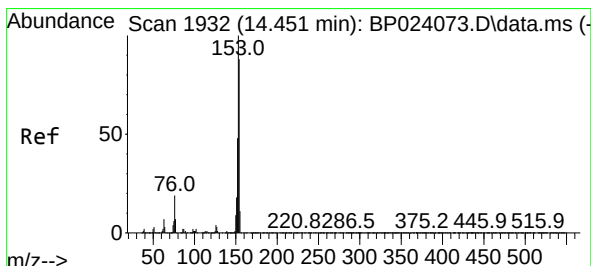
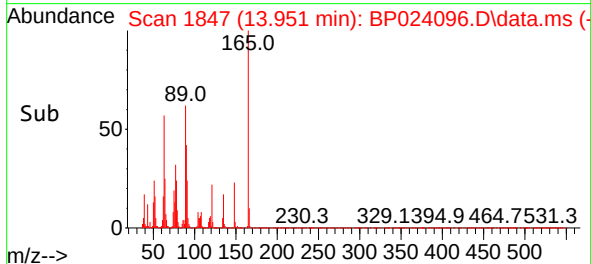
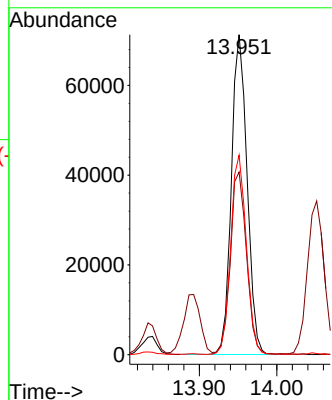
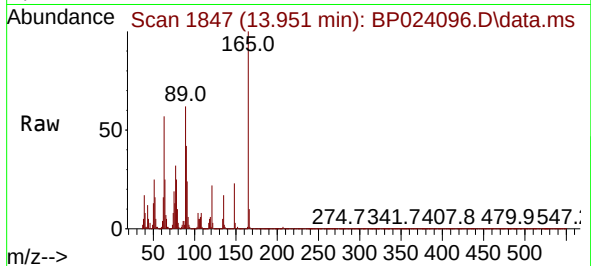




#51
2,6-Dinitrotoluene
Concen: 8.546 ng
RT: 13.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

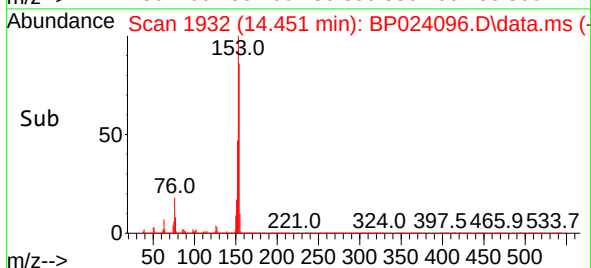
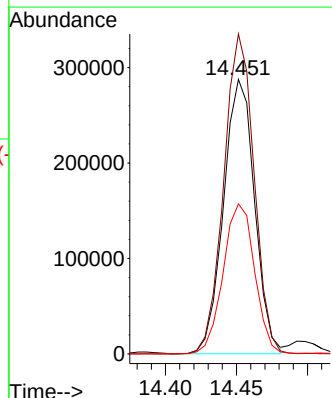
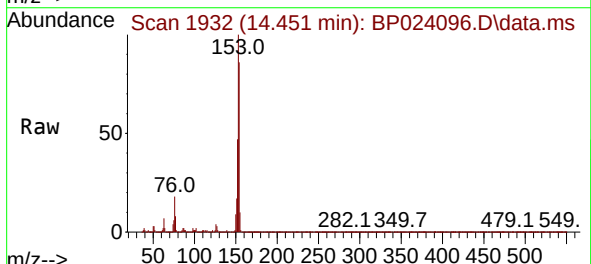
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

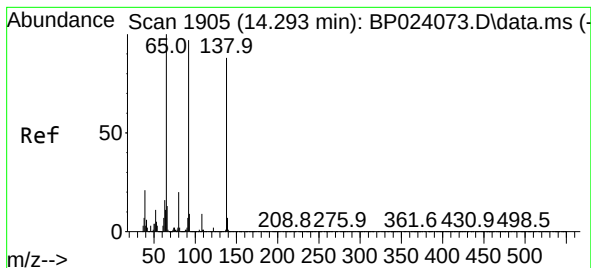
Tgt Ion:165 Resp: 100384
Ion Ratio Lower Upper
165 100
63 57.1 40.1 60.1
89 62.3 44.2 66.4



#52
Acenaphthene
Concen: 9.606 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:154 Resp: 437637
Ion Ratio Lower Upper
154 100
153 116.6 90.6 135.8
152 54.6 43.6 65.4

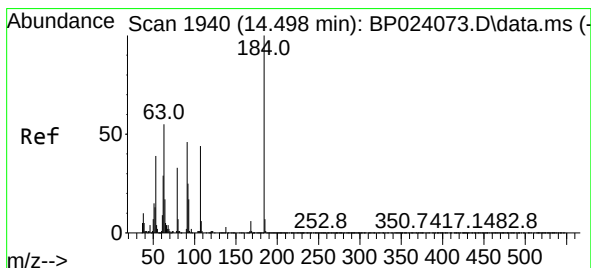
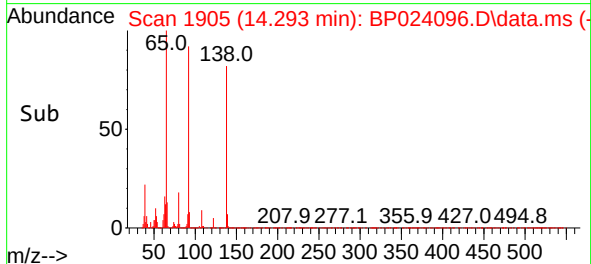
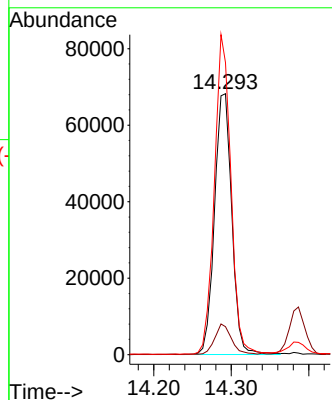
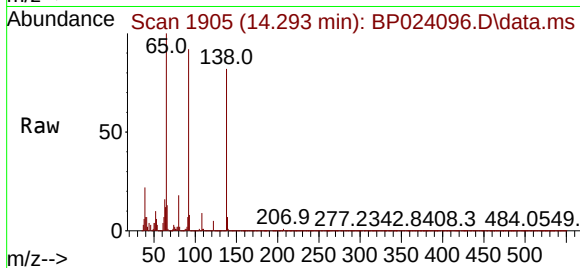




#53
3-Nitroaniline
Concen: 8.429 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

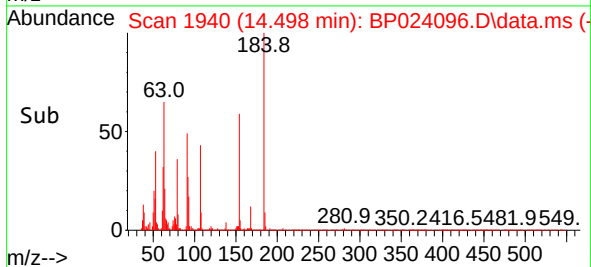
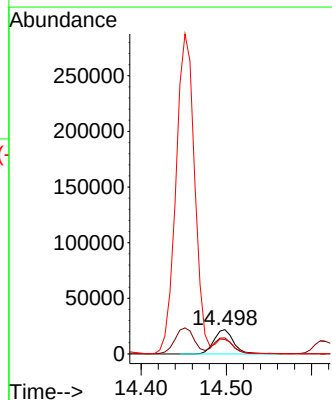
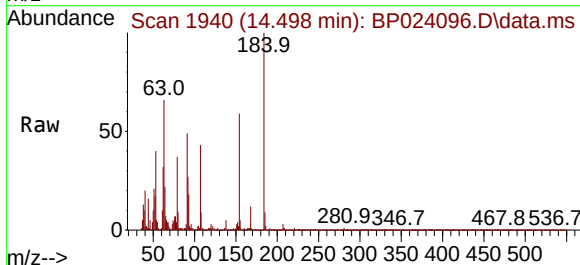
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

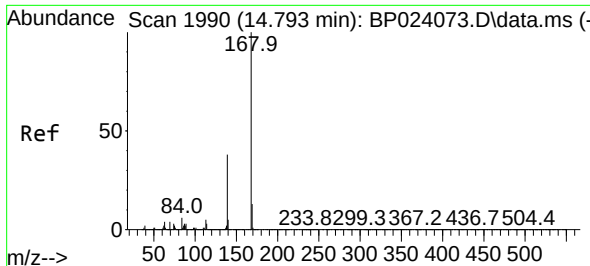
Tgt Ion:138 Resp: 105647
Ion Ratio Lower Upper
138 100
108 10.7 7.8 11.8
92 111.9 88.4 132.6



#54
2,4-Dinitrophenol
Concen: 11.843 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:184 Resp: 34857
Ion Ratio Lower Upper
184 100
63 66.0 49.4 74.0
154 59.5 49.2 73.8

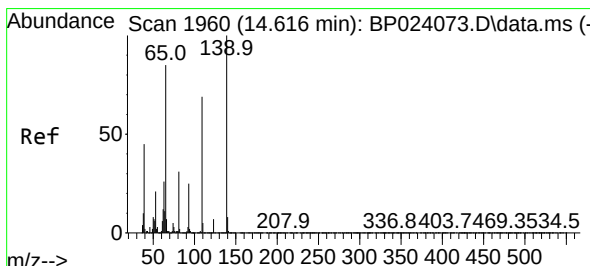
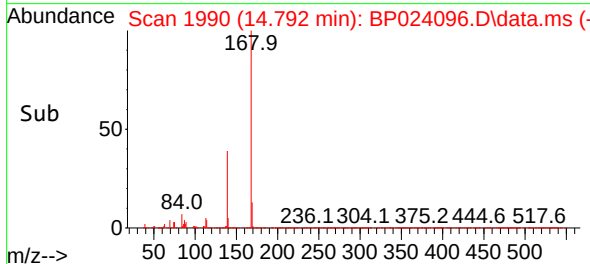
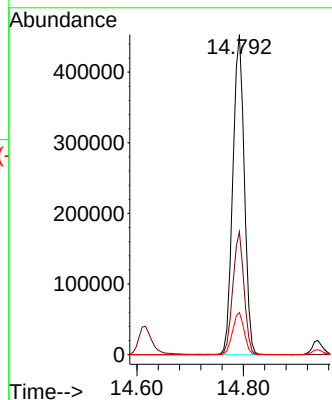
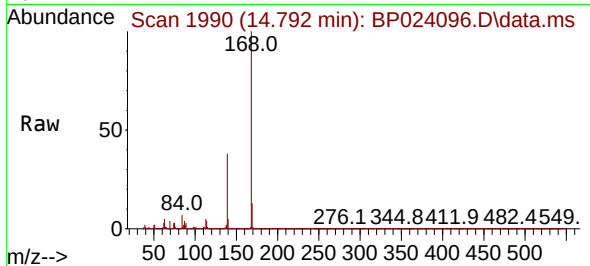




#55
Dibenzenofuran
Concen: 9.173 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

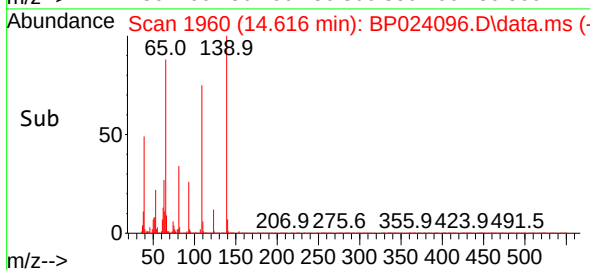
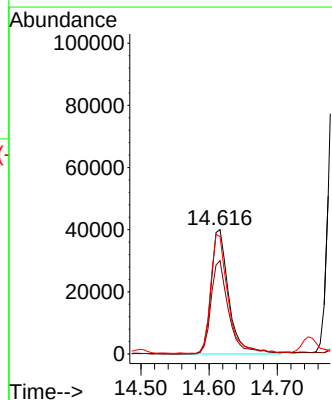
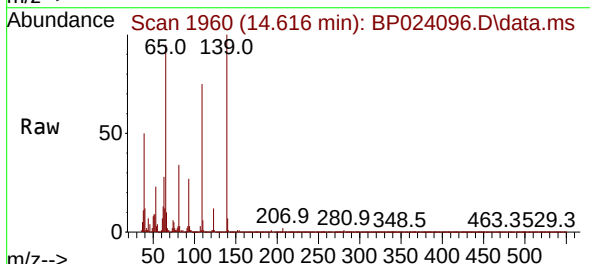
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

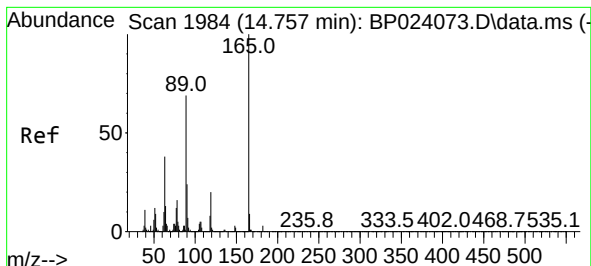
Tgt Ion:168 Resp: 678883
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.2
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 6.656 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:139 Resp: 72062
Ion Ratio Lower Upper
139 100
109 75.1 49.2 89.2
65 94.5 65.4 105.4

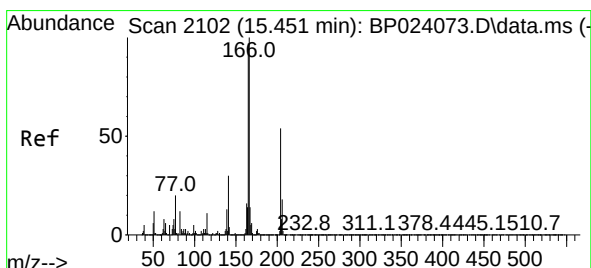
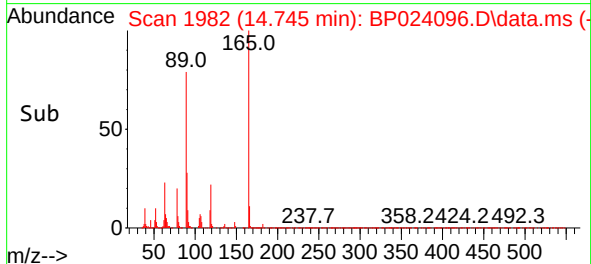
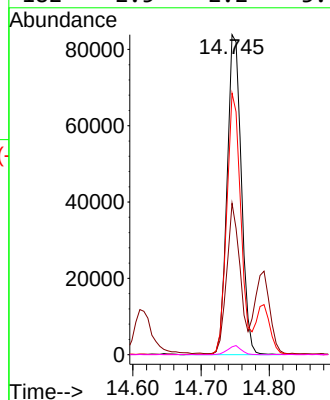
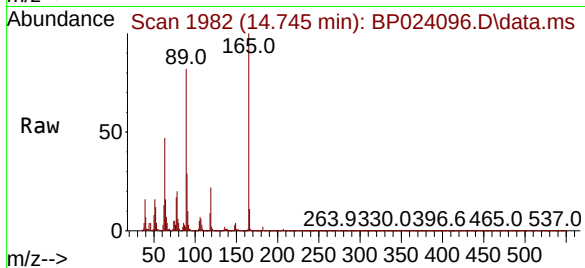




#57
2,4-Dinitrotoluene
Concen: 7.967 ng
RT: 14.745 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

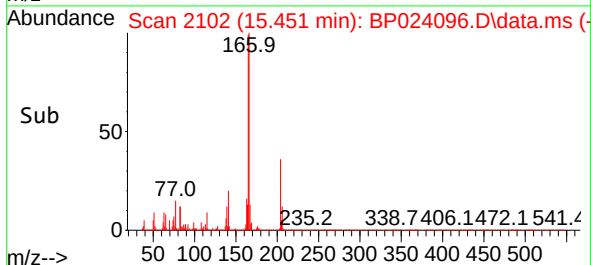
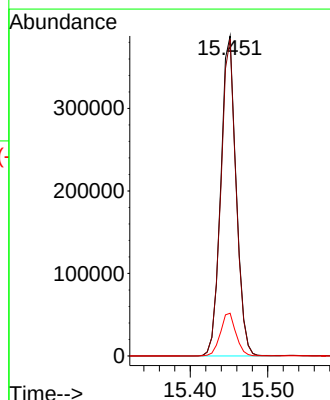
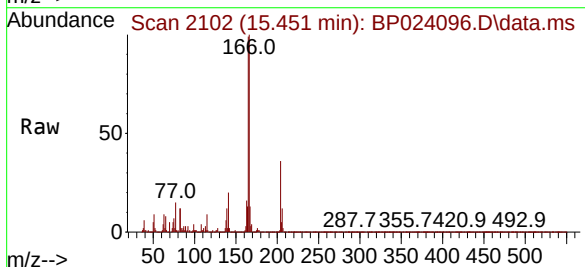
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

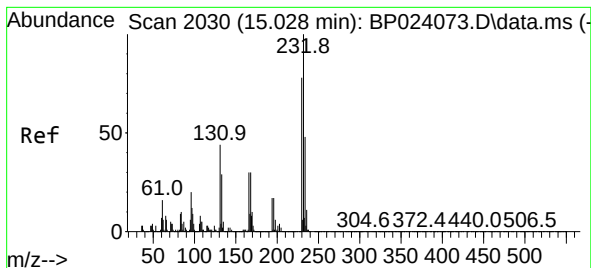
Tgt Ion:165 Resp: 121561
Ion Ratio Lower Upper
165 100
63 47.3 30.4 45.6#
89 81.7 54.8 82.2
182 2.5 2.2 3.4



#58
Fluorene
Concen: 9.240 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:166 Resp: 534100
Ion Ratio Lower Upper
166 100
165 98.9 77.5 116.3
167 13.4 10.9 16.3

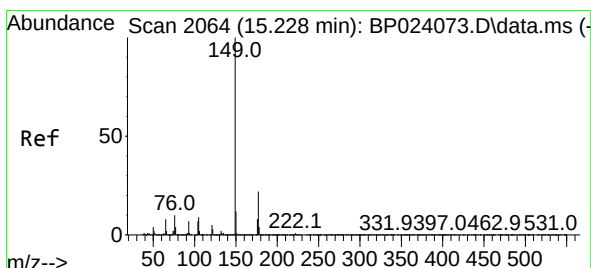
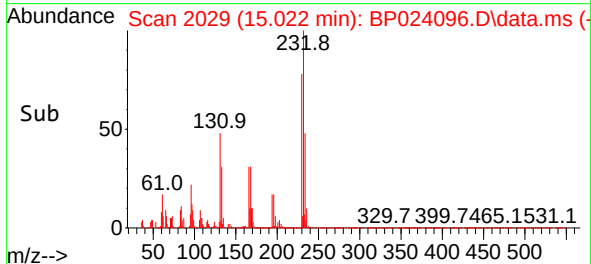
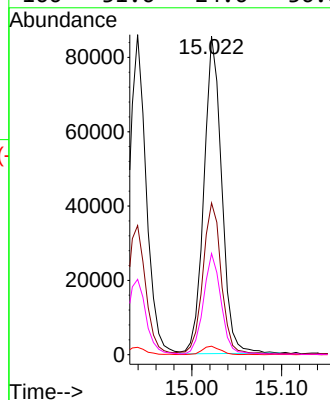
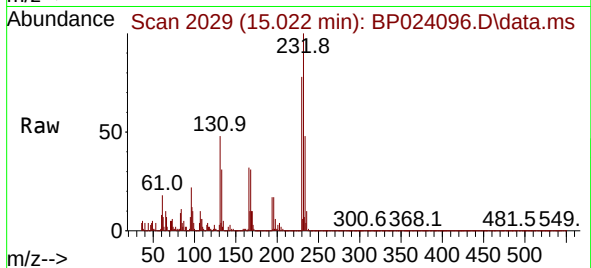




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.107 ng
RT: 15.022 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

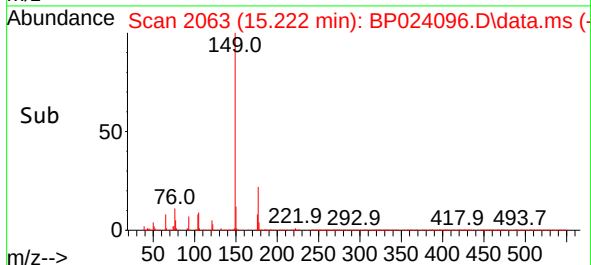
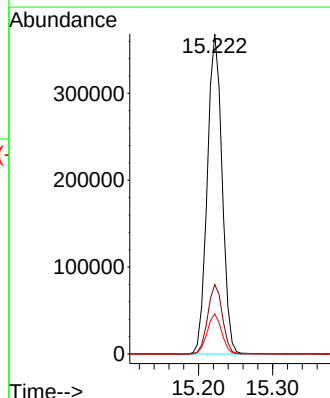
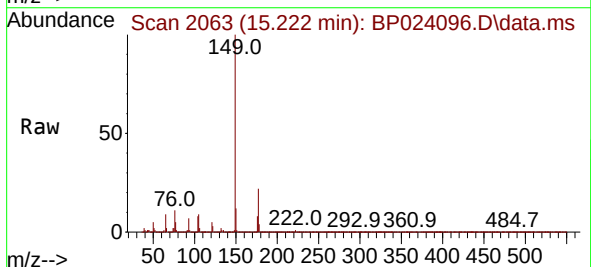
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

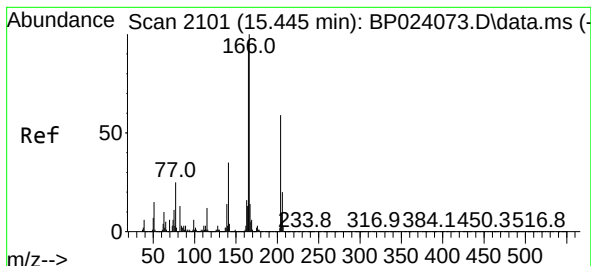
Tgt Ion:232 Resp: 117836
Ion Ratio Lower Upper
232 100
131 49.0 37.3 55.9
130 2.7 1.9 2.9
166 31.6 24.6 36.8



#60
Diethylphthalate
Concen: 8.911 ng
RT: 15.222 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:149 Resp: 510079
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.5 9.8 14.6

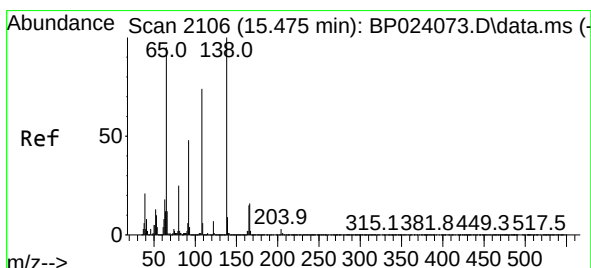
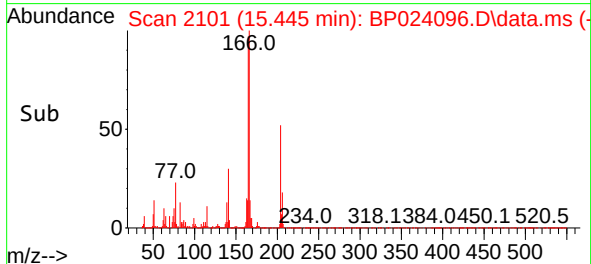
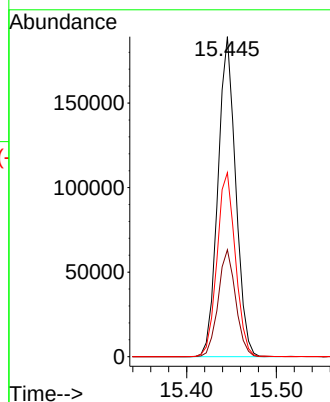
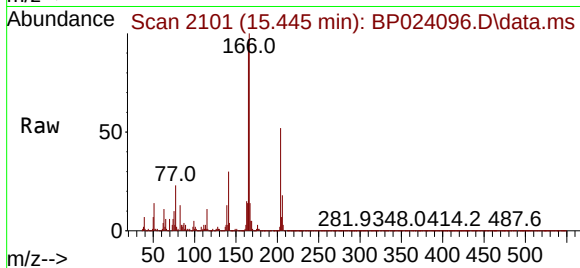




#61
4-Chlorophenyl-phenylether
Concen: 9.140 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

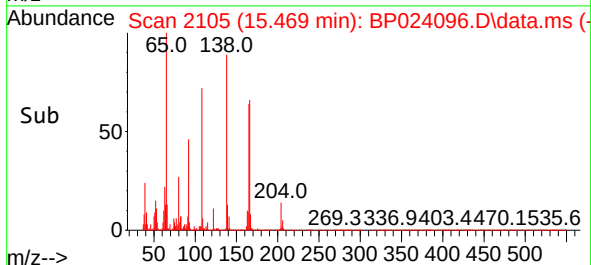
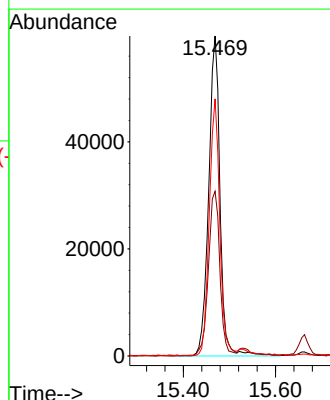
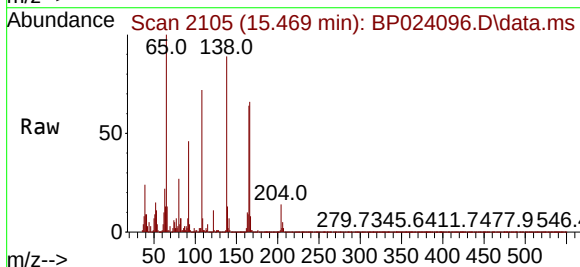
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

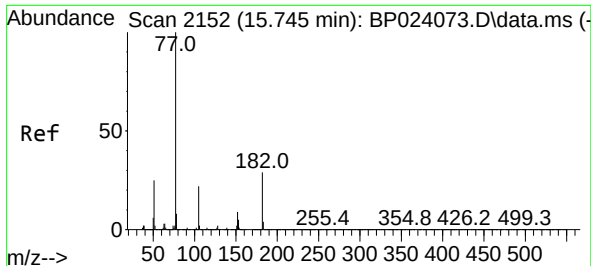
Tgt Ion:204 Resp: 260030
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 57.5 47.8 71.6



#62
4-Nitroaniline
Concen: 9.719 ng
RT: 15.469 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:138 Resp: 102453
Ion Ratio Lower Upper
138 100
92 51.5 28.3 68.3
108 80.4 54.0 94.0

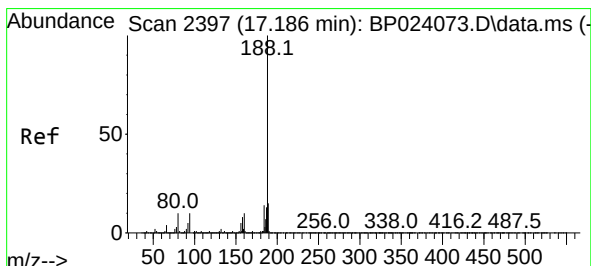
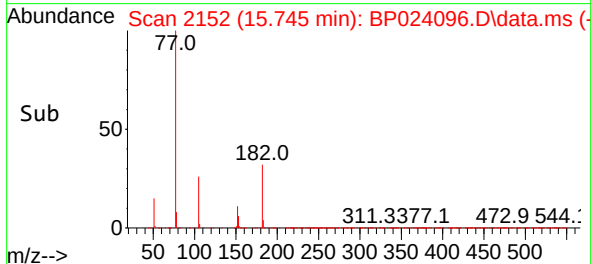
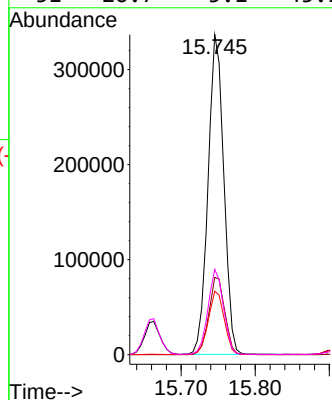
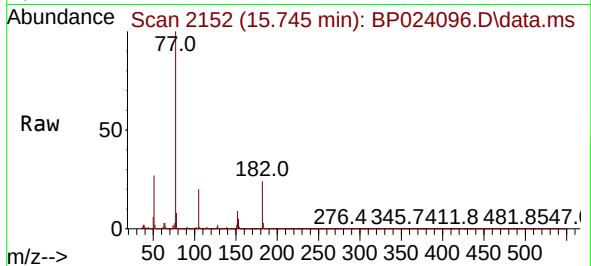




#63
Azobenzene
Concen: 9.254 ng
RT: 15.745 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

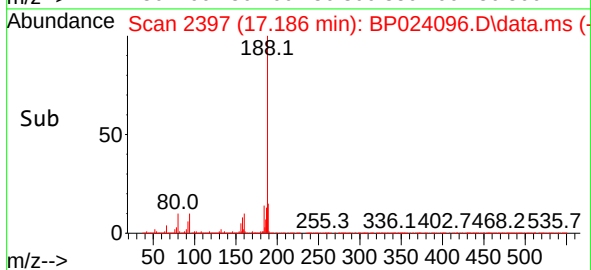
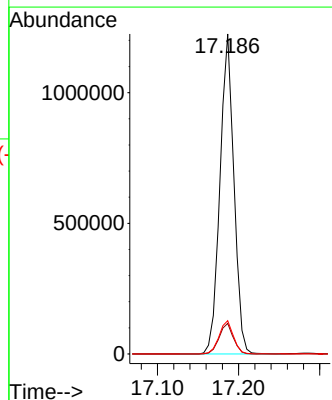
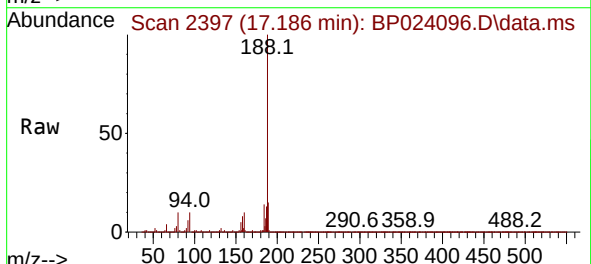
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

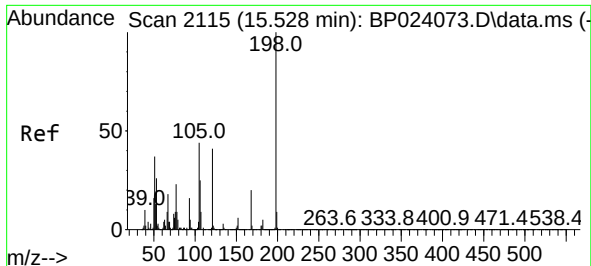
Tgt Ion: 77	Resp: 496390
Ion Ratio	Lower Upper
77 100	
182 24.2	8.5 48.5
105 19.8	1.8 41.8
51 26.7	5.1 45.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:188	Resp: 1468041		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.6	11.4	
80 10.4	8.2	12.2	

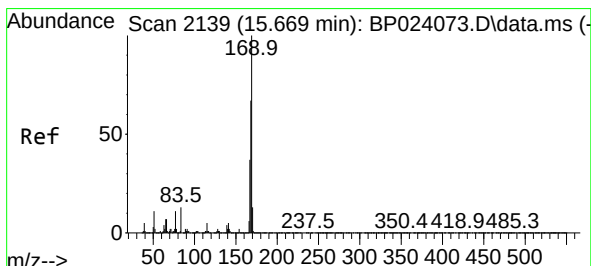
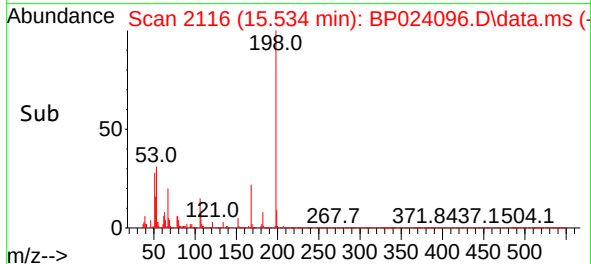
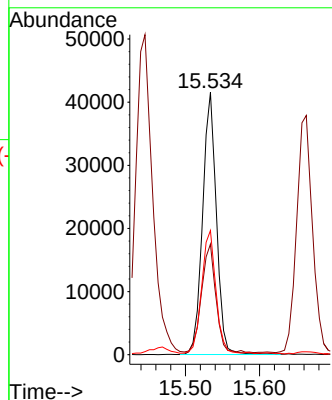
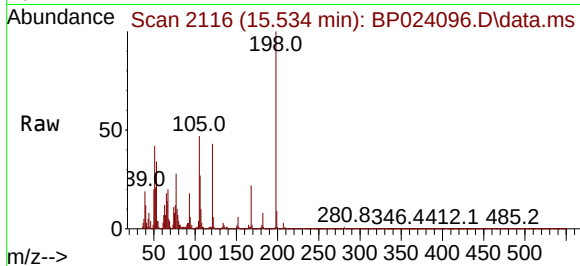




#65
4,6-Dinitro-2-methylphenol
Concen: 11.018 ng
RT: 15.534 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

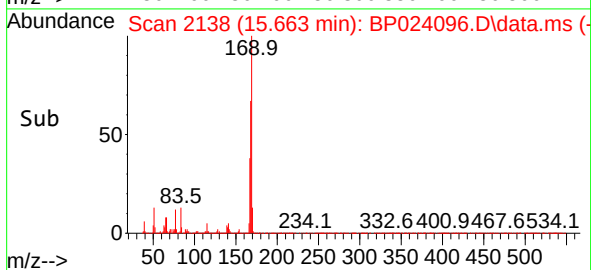
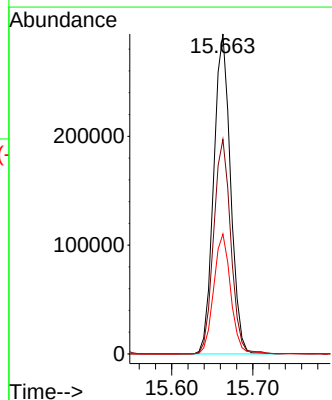
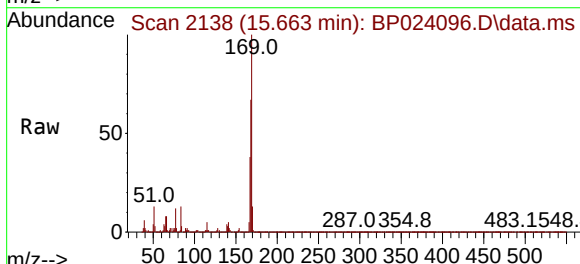
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

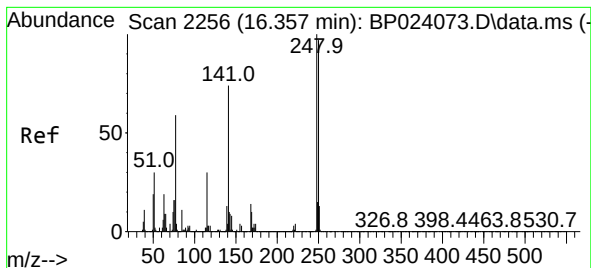
Tgt Ion:198 Resp: 53993
Ion Ratio Lower Upper
198 100
51 42.2 18.7 58.7
105 47.3 24.7 64.7



#66
n-Nitrosodiphenylamine
Concen: 9.262 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:169 Resp: 424033
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 37.5 29.5 44.3

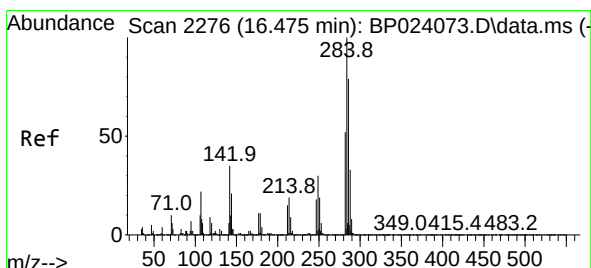
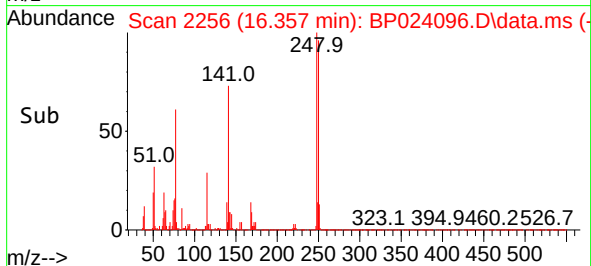
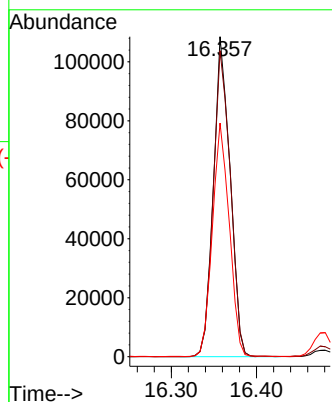
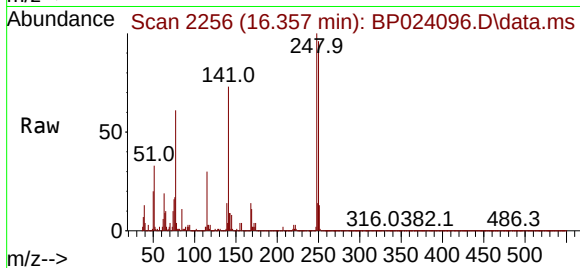




#67
4-Bromophenyl-phenylether
Concen: 8.970 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

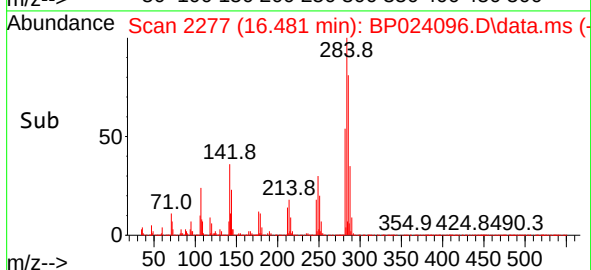
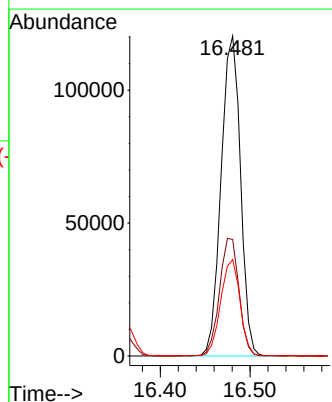
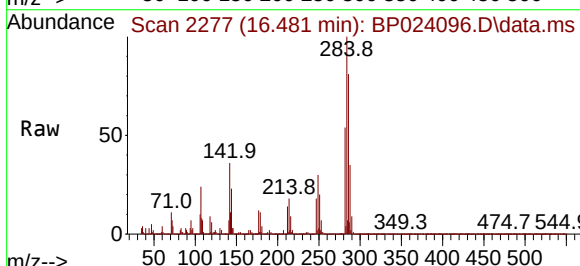
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

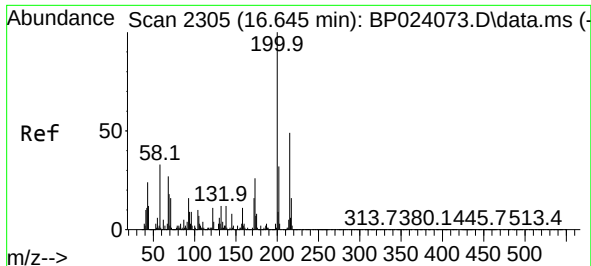
Tgt Ion:248 Resp: 147878
Ion Ratio Lower Upper
248 100
250 95.7 77.9 116.9
141 73.0 58.8 88.2



#68
Hexachlorobenzene
Concen: 9.294 ng
RT: 16.481 min Scan# 2277
Delta R.T. 0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:284 Resp: 180288
Ion Ratio Lower Upper
284 100
142 36.4 27.7 41.5
249 30.1 23.8 35.6

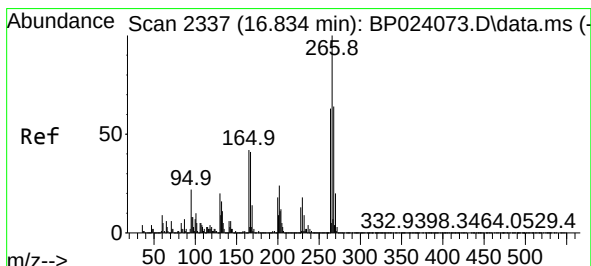
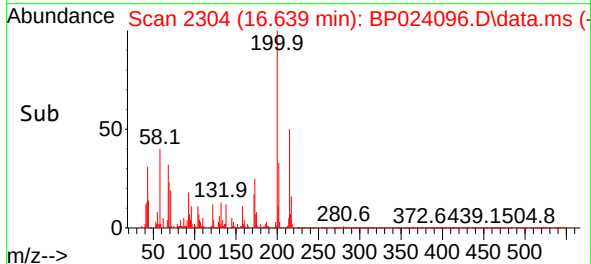
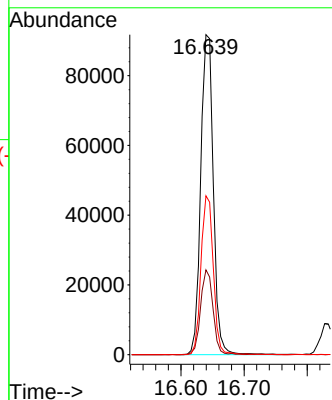
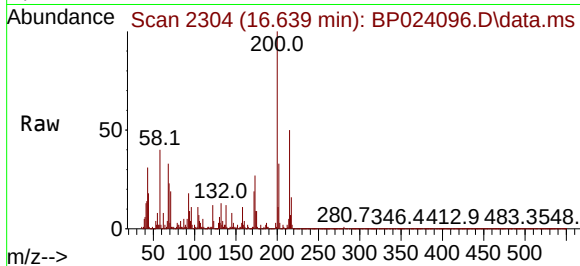




#69
 Atrazine
 Concen: 10.814 ng
 RT: 16.639 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024096.D
 Acq: 19 Feb 2025 13:16

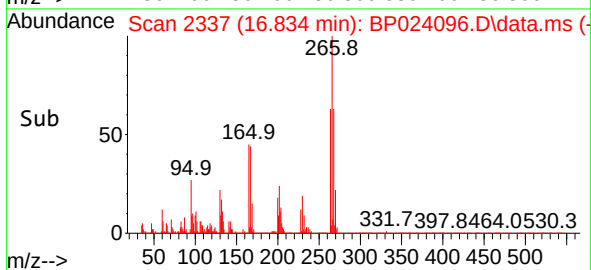
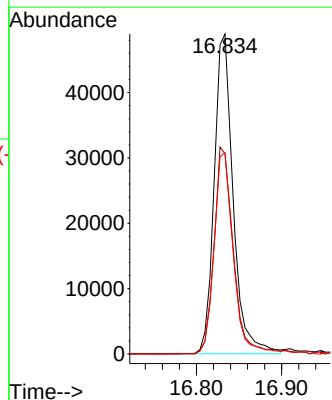
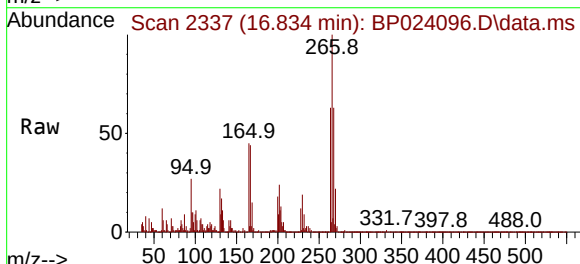
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

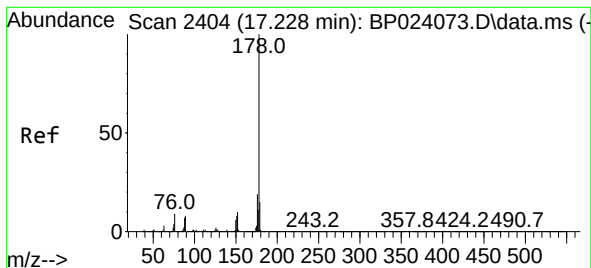
Tgt Ion:200 Resp: 127051
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.7 45.7
 215 49.7 28.7 68.7



#70
 Pentachlorophenol
 Concen: 6.025 ng
 RT: 16.834 min Scan# 2337
 Delta R.T. -0.000 min
 Lab File: BP024096.D
 Acq: 19 Feb 2025 13:16

Tgt Ion:266 Resp: 75908
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.3 76.9
 264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 9.617 ng

RT: 17.228 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

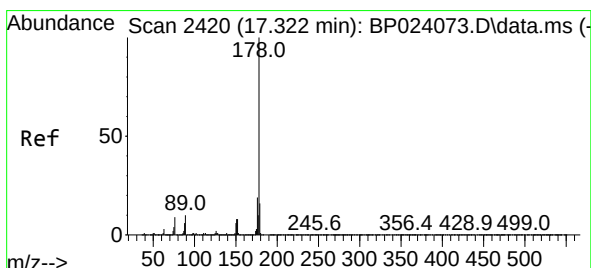
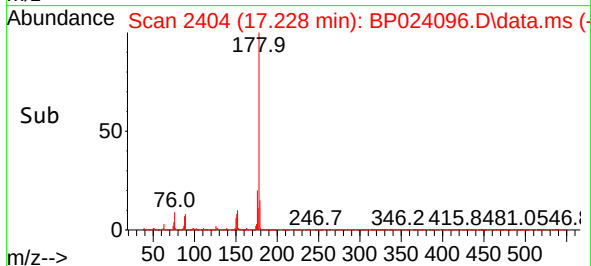
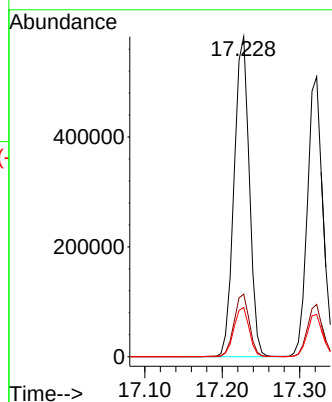
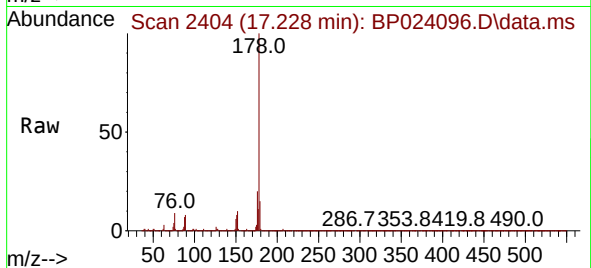
Tgt Ion:178 Resp: 795998

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.3 12.4 18.6



#72

Anthracene

Concen: 8.979 ng

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

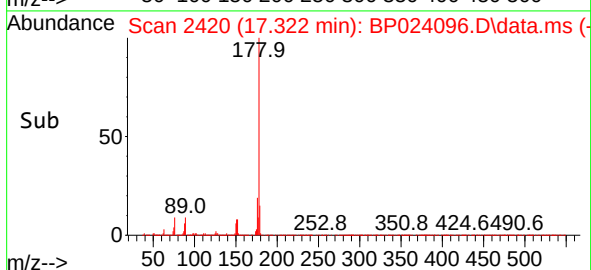
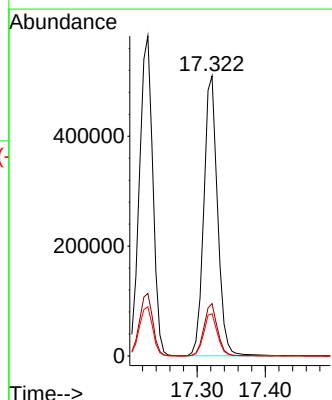
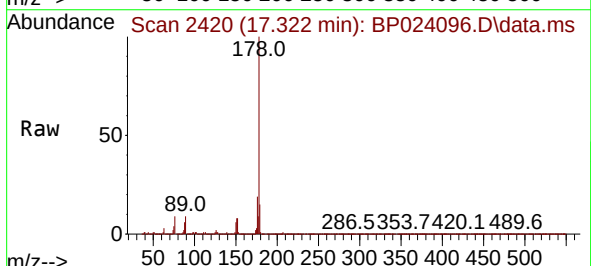
Tgt Ion:178 Resp: 712168

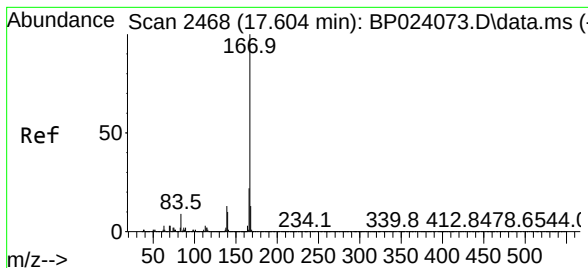
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.1 12.6 19.0





#73

Carbazole

Concen: 8.648 ng

RT: 17.598 min Scan# 2467

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

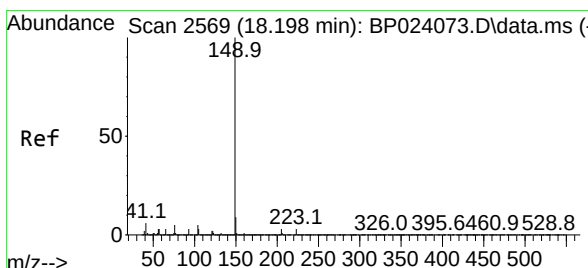
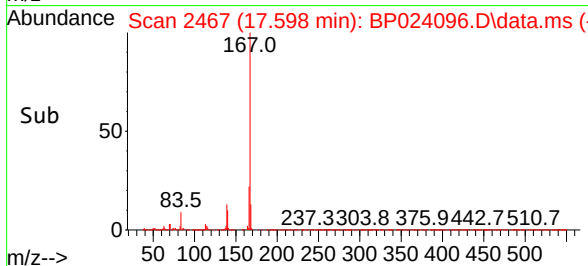
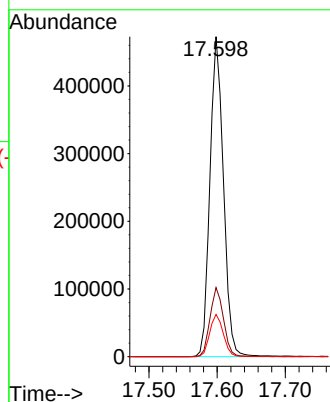
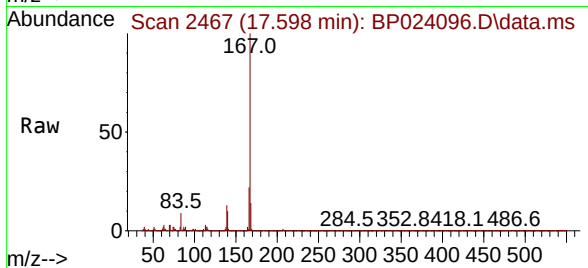
Tgt Ion:167 Resp: 653505

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 8.089 ng

RT: 18.198 min Scan# 2569

Delta R.T. -0.000 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

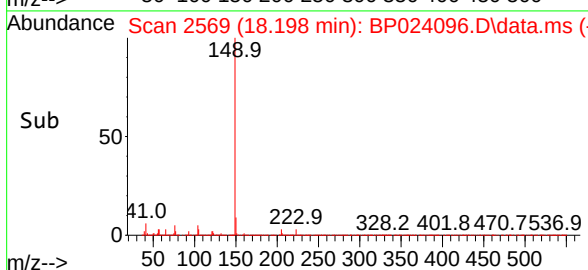
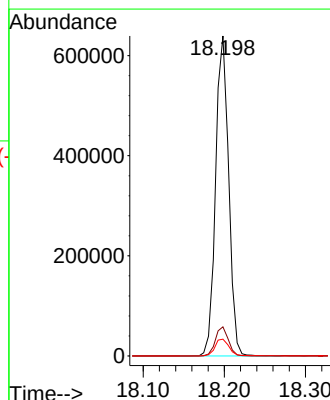
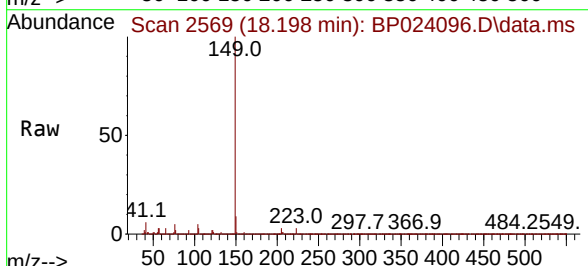
Tgt Ion:149 Resp: 713237

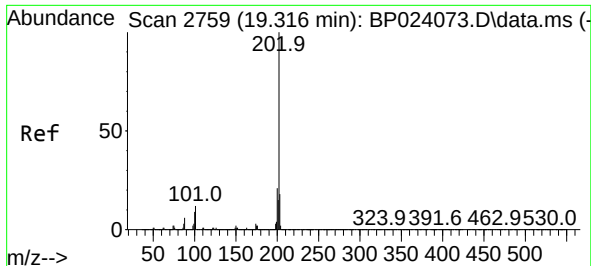
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.3 4.2 6.2

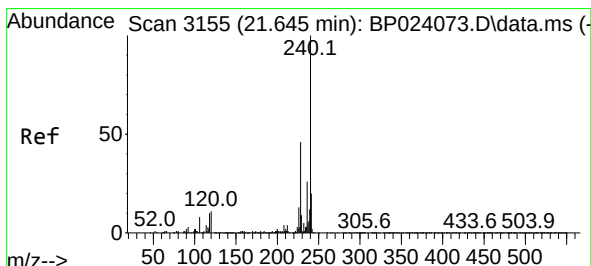
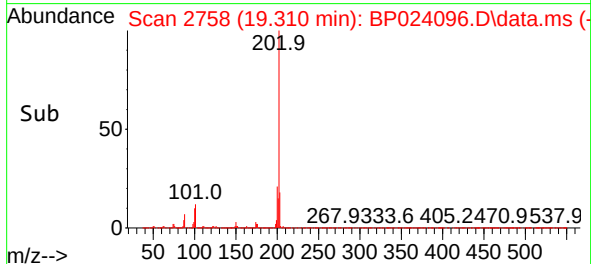
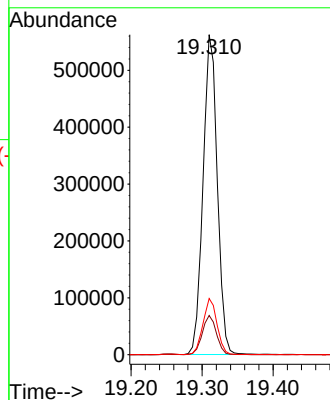
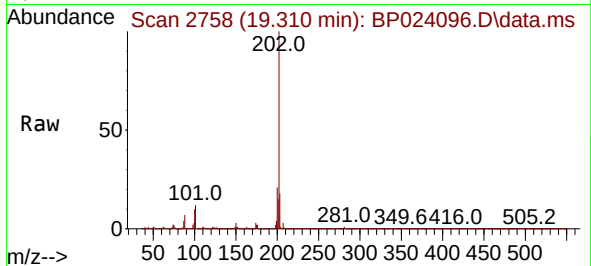




#75
Fluoranthene
Concen: 8.396 ng
RT: 19.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

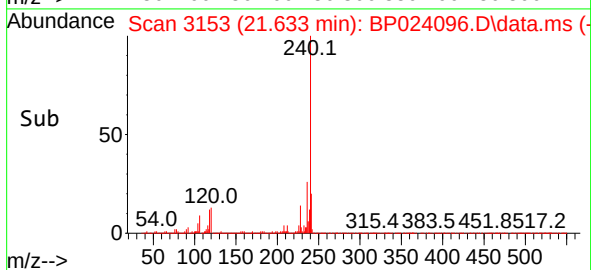
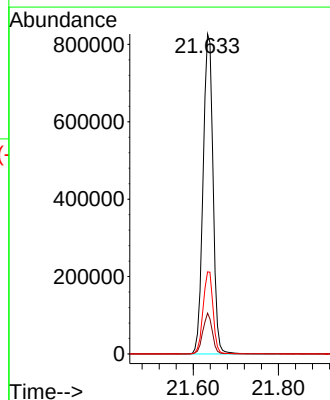
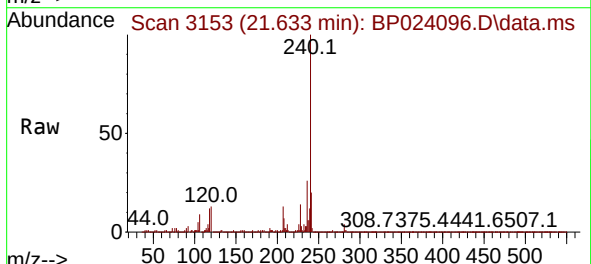
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

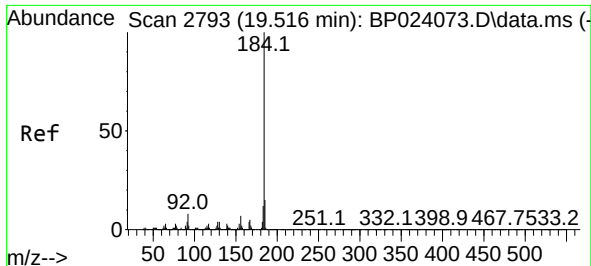
Tgt Ion:202 Resp: 785959
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:240 Resp: 1339893
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.7 20.7 31.1

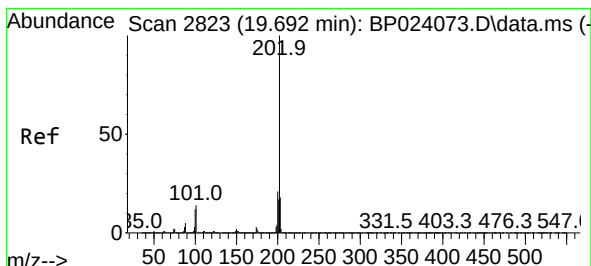
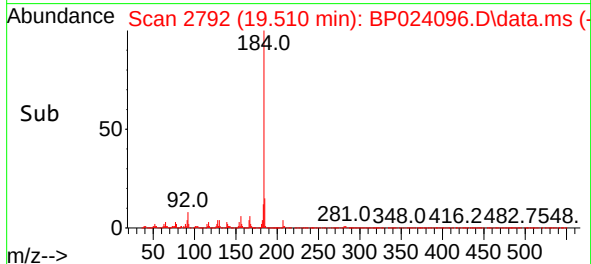
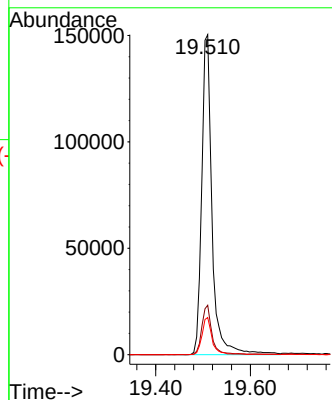
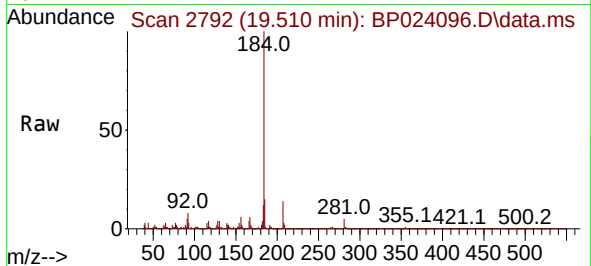




#77
Benzidine
Concen: 13.918 ng
RT: 19.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

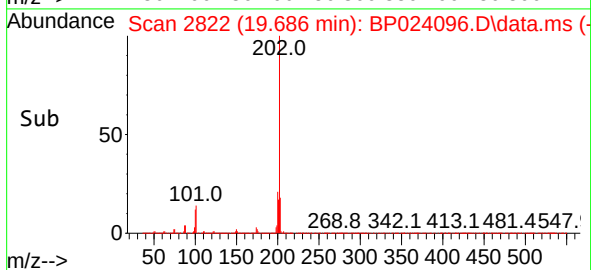
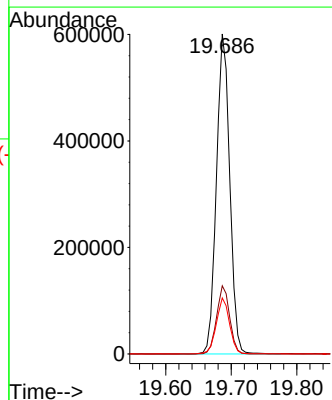
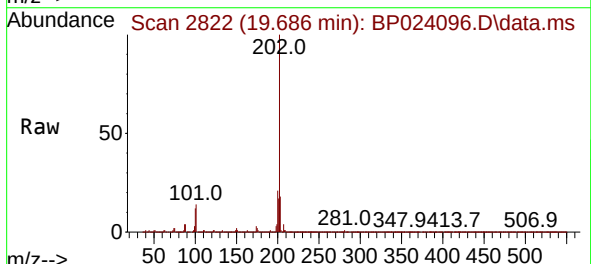
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

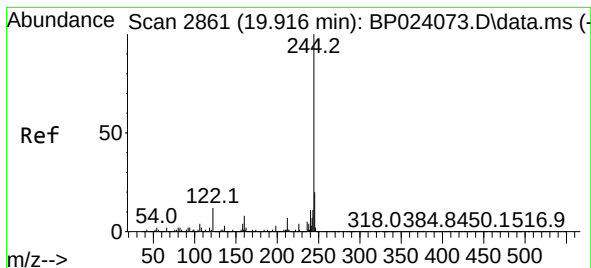
Tgt Ion:184 Resp: 227246
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 11.6 9.3 13.9



#78
Pyrene
Concen: 9.901 ng
RT: 19.686 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:202 Resp: 842689
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.5 14.4 21.6





#79

Terphenyl-d14

Concen: 98.431 ng

RT: 19.910 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

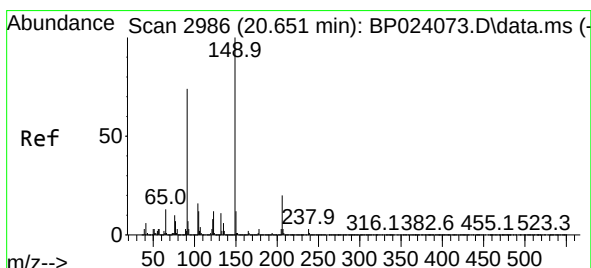
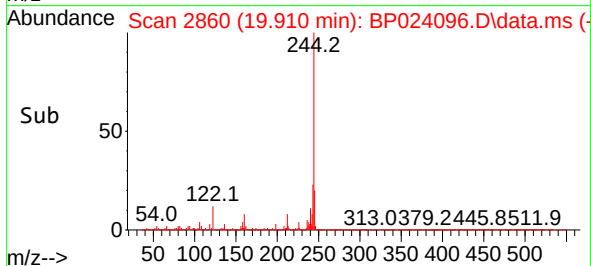
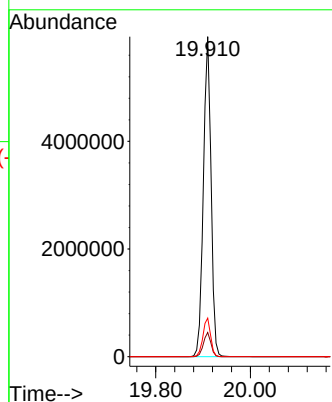
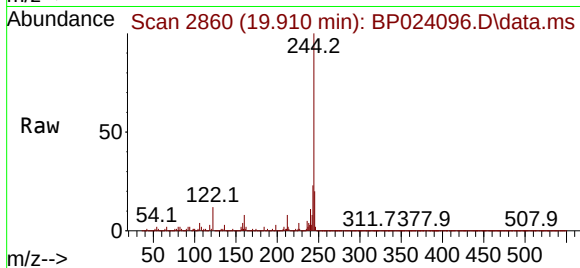
Tgt Ion:244 Resp: 6665183

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 12.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 8.576 ng

RT: 20.645 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

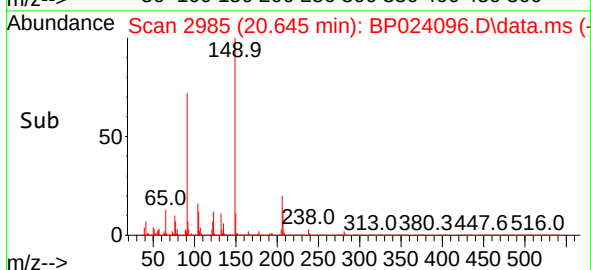
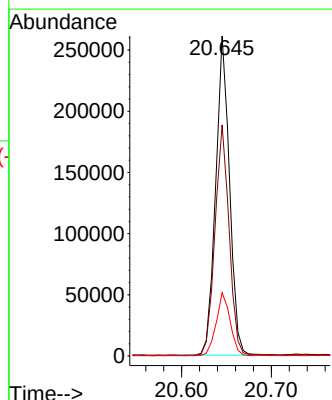
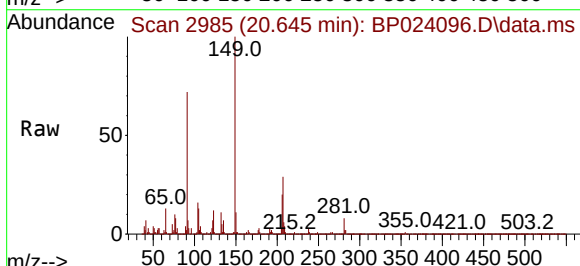
Tgt Ion:149 Resp: 279702

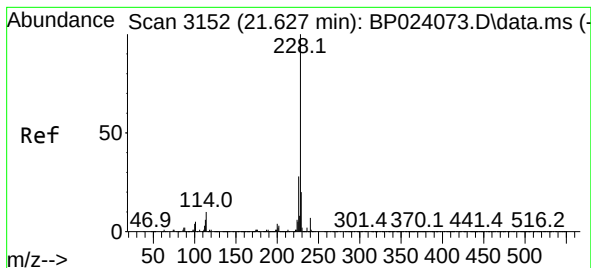
Ion Ratio Lower Upper

149 100

91 72.2 59.4 89.0

206 19.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 9.591 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.012 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

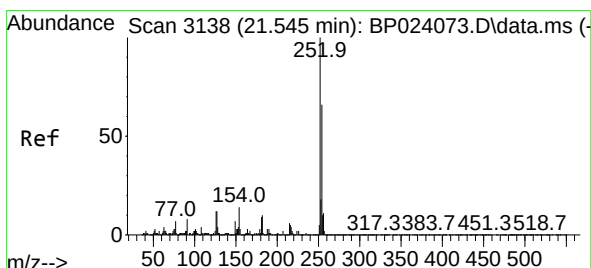
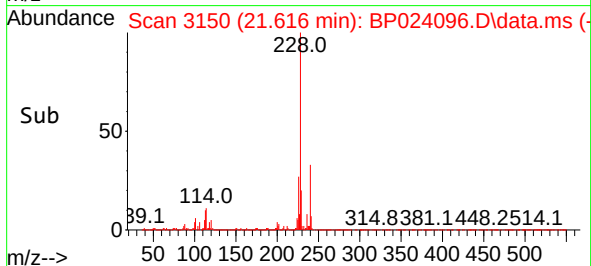
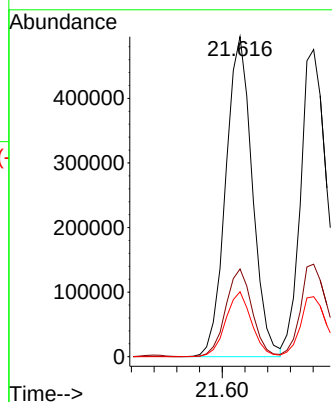
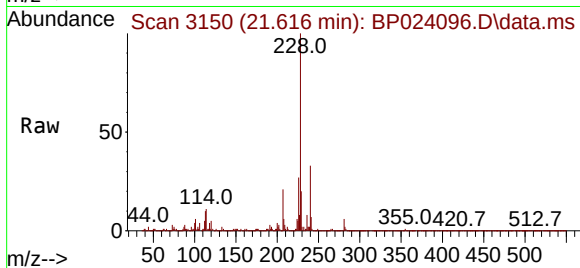
Tgt Ion:228 Resp: 805836

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 8.657 ng

RT: 21.539 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

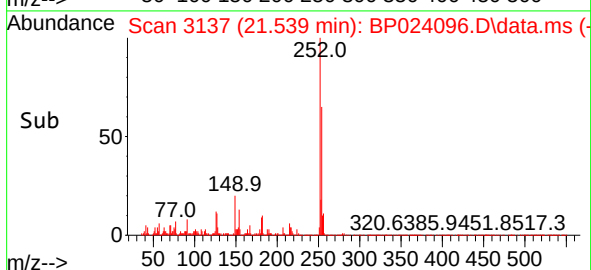
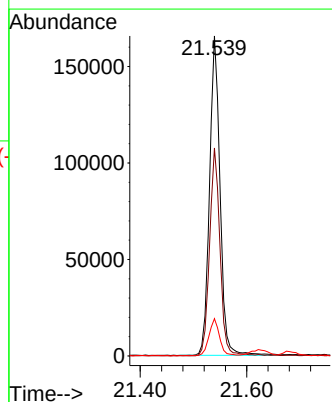
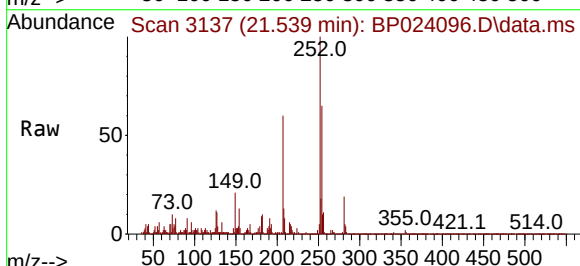
Tgt Ion:252 Resp: 227288

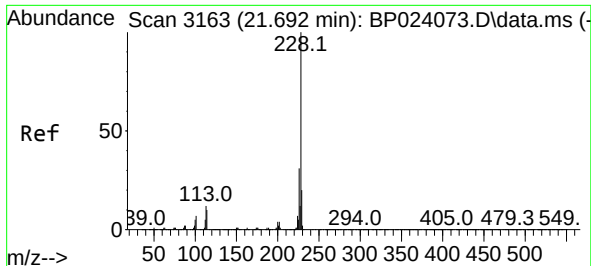
Ion Ratio Lower Upper

252 100

254 65.0 52.4 78.6

126 11.7 9.6 14.4





#83

Chrysene

Concen: 9.554 ng

RT: 21.680 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

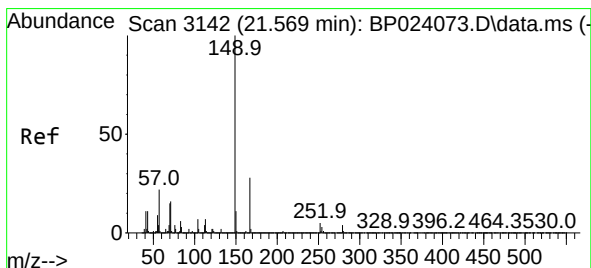
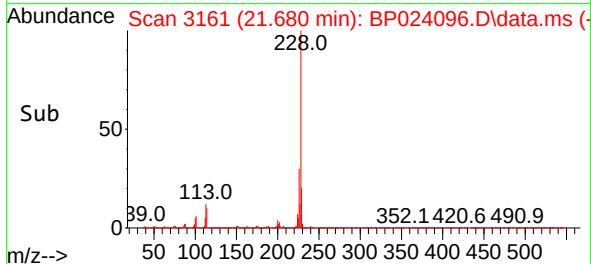
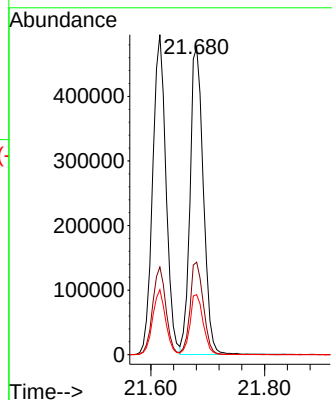
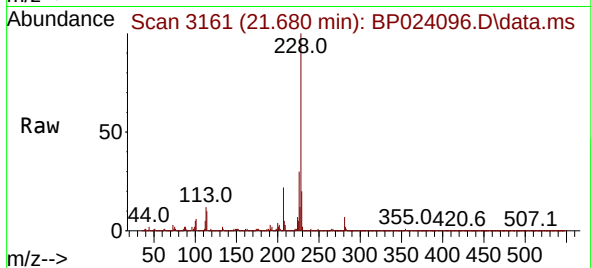
Tgt Ion:228 Resp: 774057

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.008 ng

RT: 21.557 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

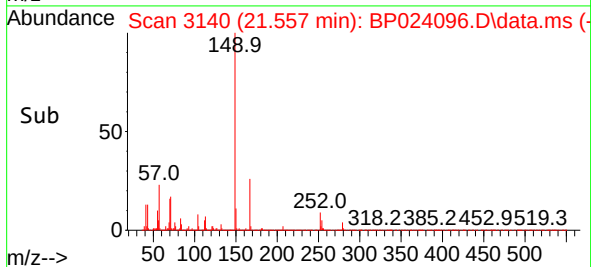
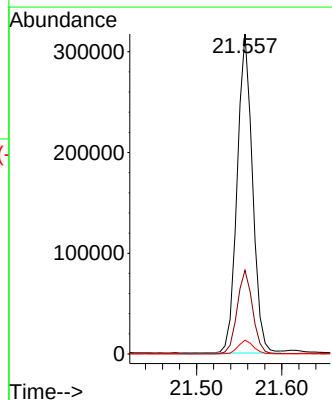
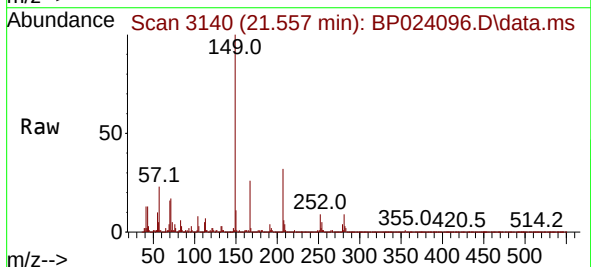
Tgt Ion:149 Resp: 396025

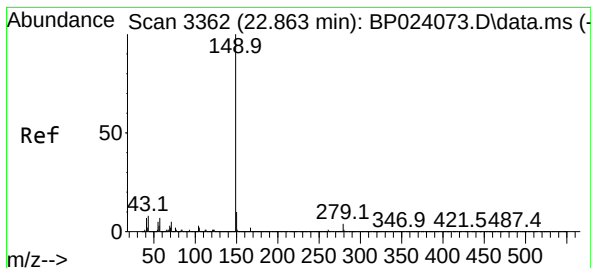
Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.2

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 6.729 ng

RT: 22.851 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

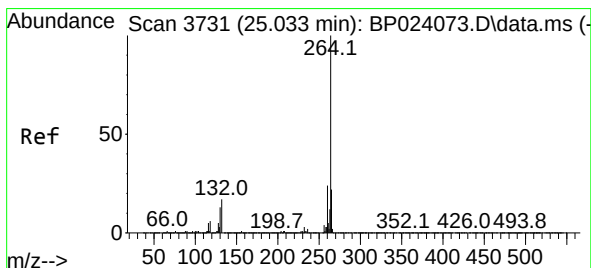
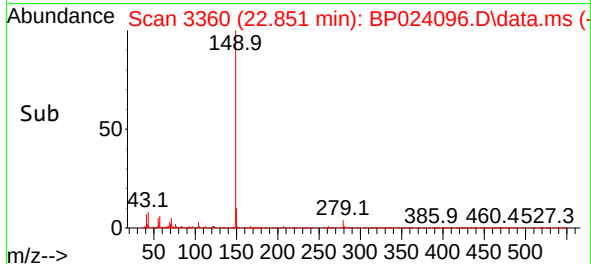
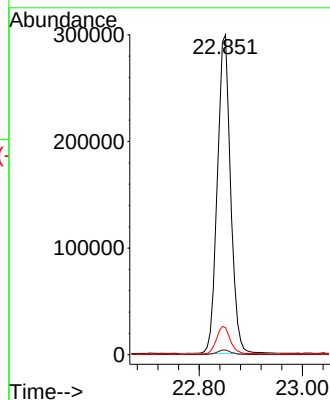
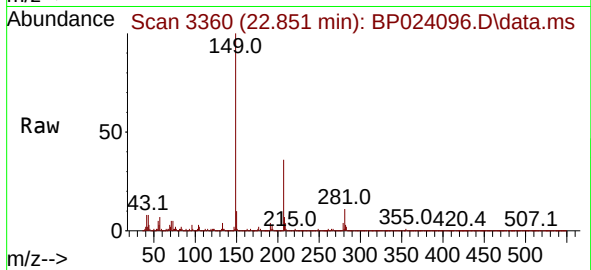
Tgt Ion:149 Resp: 531962

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.2 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.015 min Scan# 3728

Delta R.T. -0.018 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

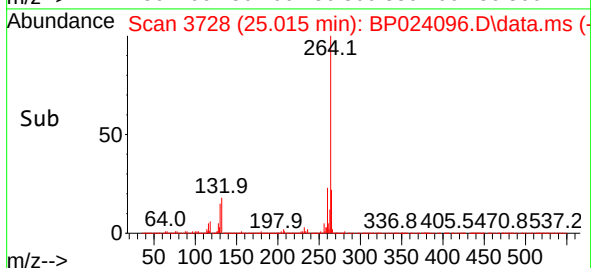
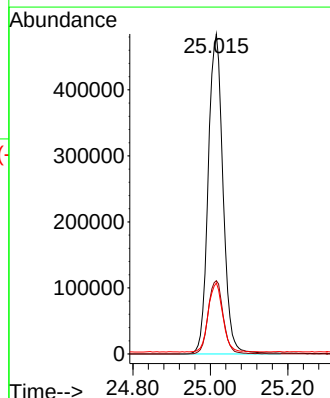
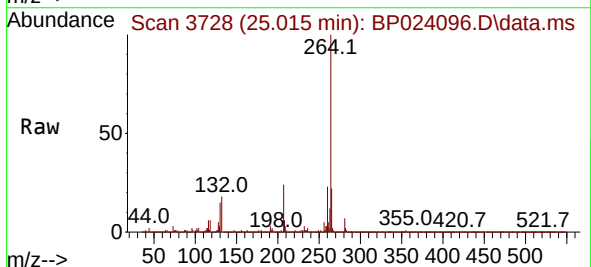
Tgt Ion:264 Resp: 1282983

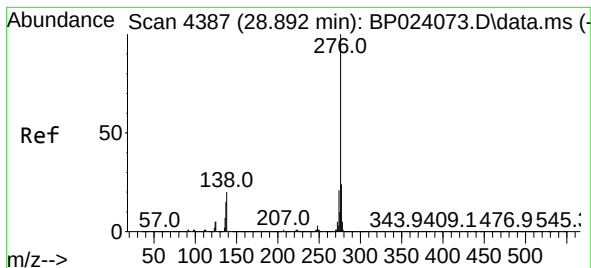
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.2 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.562 ng

RT: 28.833 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

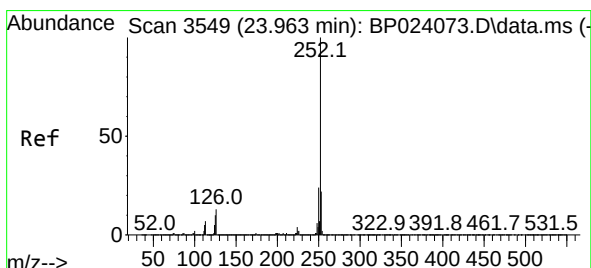
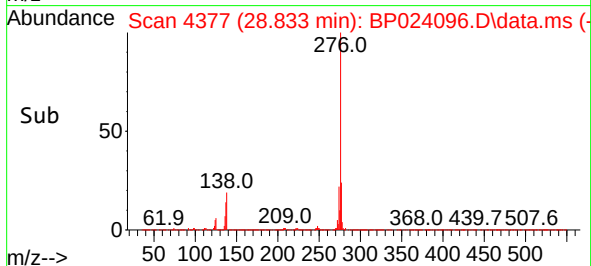
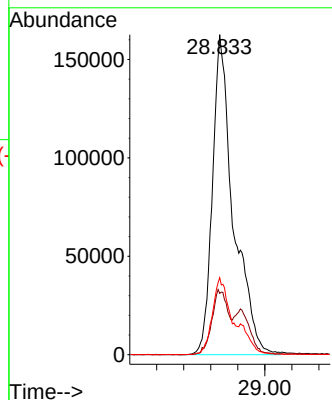
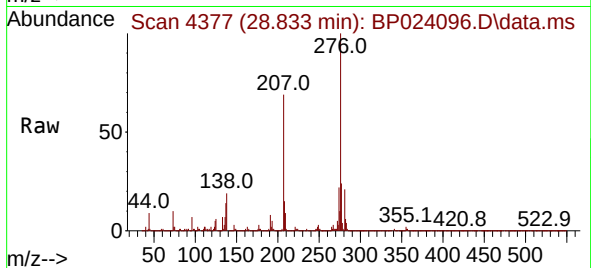
Tgt Ion:276 Resp: 872794

Ion Ratio Lower Upper

276 100

138 16.1 14.2 21.4

277 20.3 16.2 24.4



#88

Benzo(b)fluoranthene

Concen: 9.043 ng

RT: 23.933 min Scan# 3544

Delta R.T. -0.029 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

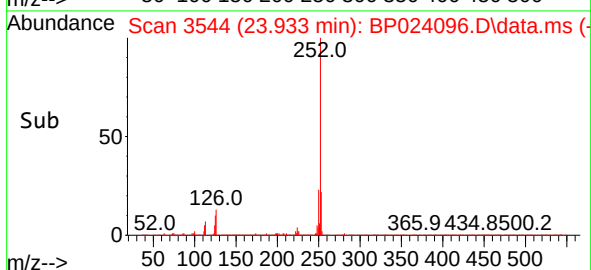
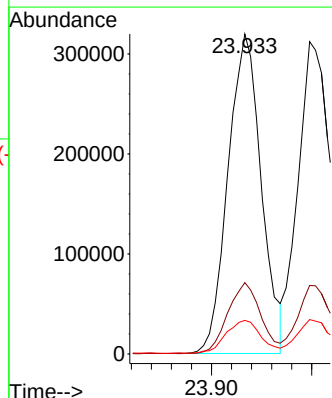
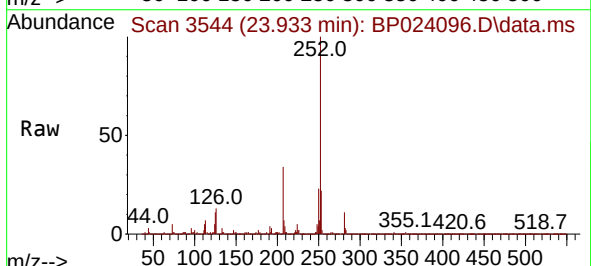
Tgt Ion:252 Resp: 736745

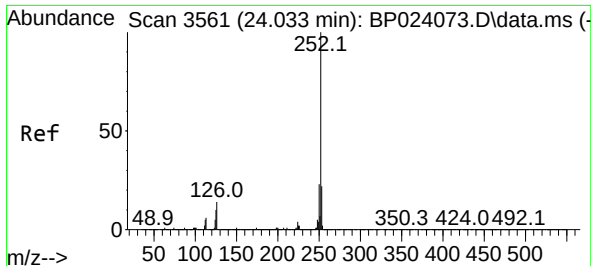
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.5 8.4 12.6

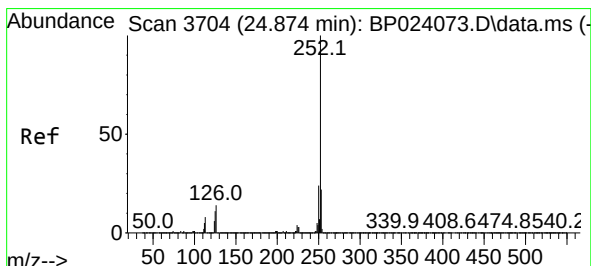
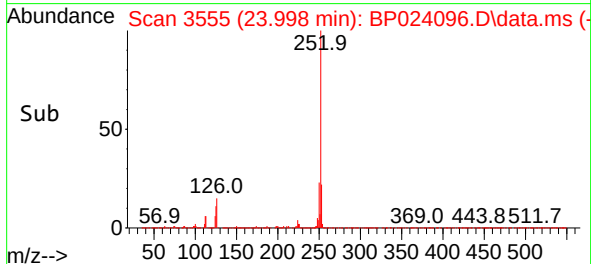
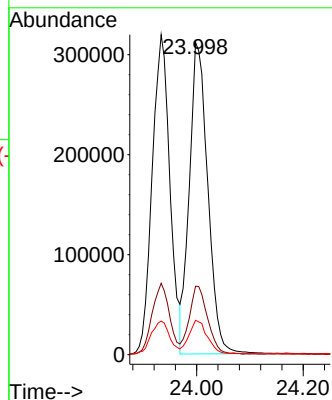
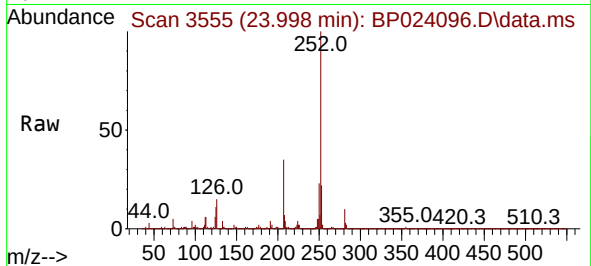




#89
Benzo(k)fluoranthene
Concen: 9.450 ng
RT: 23.998 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

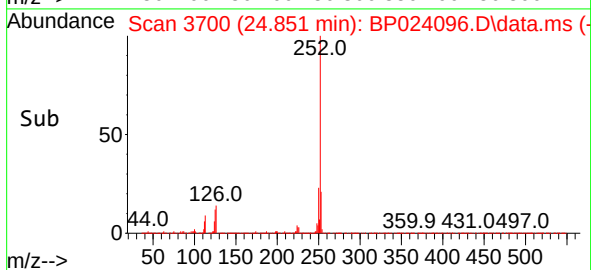
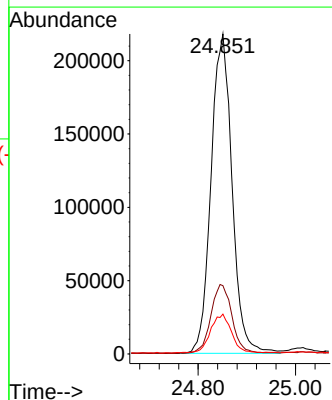
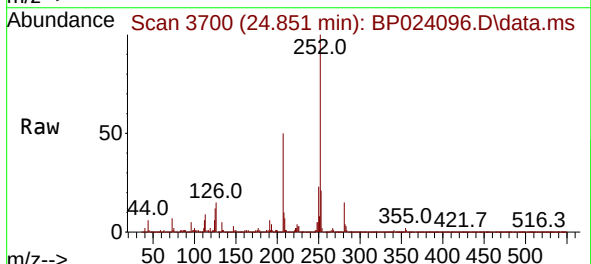
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

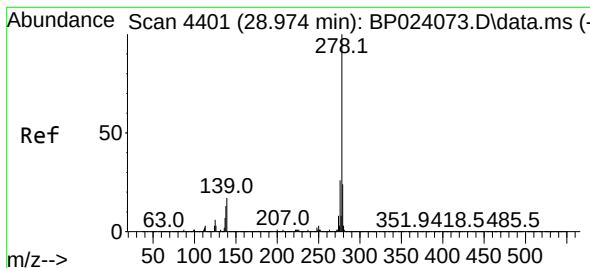
Tgt Ion:252 Resp: 749400
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.0 8.1 12.1



#90
Benzo(a)pyrene
Concen: 9.428 ng
RT: 24.851 min Scan# 3700
Delta R.T. -0.024 min
Lab File: BP024096.D
Acq: 19 Feb 2025 13:16

Tgt Ion:252 Resp: 651893
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 12.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 9.583 ng

RT: 28.915 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

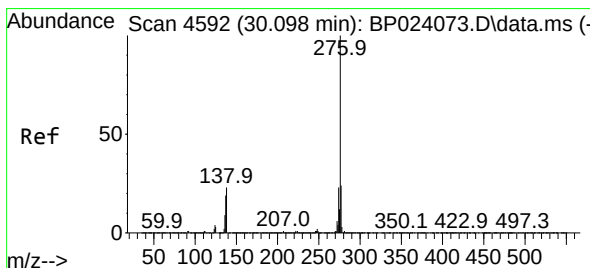
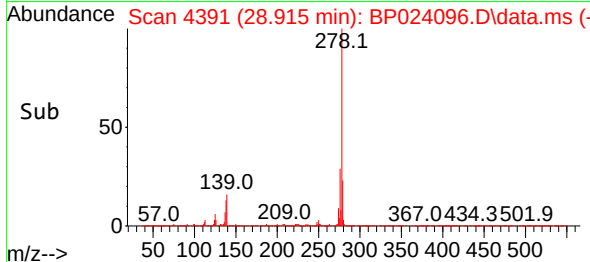
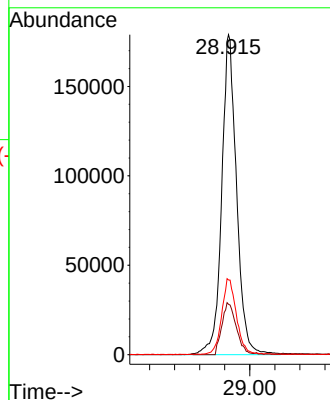
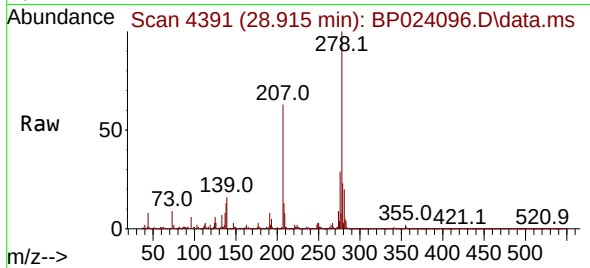
Tgt Ion:278 Resp: 735420

Ion Ratio Lower Upper

278 100

139 15.7 13.4 20.0

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 8.663 ng

RT: 30.009 min Scan# 4577

Delta R.T. -0.088 min

Lab File: BP024096.D

Acq: 19 Feb 2025 13:16

Tgt Ion:276 Resp: 674665

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 23.7 18.1 27.1

