

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
 Data File : BP025749.D
 Acq On : 15 Sep 2025 12:29
 Operator : CG/JU
 Sample : Q2893-03
 Misc : Q3-MDL-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 15 13:19:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	137962	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	566211	20.000	ng	0.00
39) Acenaphthene-d10	14.389	164	388487	20.000	ng	0.01
64) Phenanthrene-d10	17.177	188	814972	20.000	ng	0.00
76) Chrysene-d12	21.624	240	906043	20.000	ng	-0.02
86) Perylene-d12	24.971	264	939141	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1155418	135.133	ng	0.00
7) Phenol-d6	6.943	99	1576552	138.722	ng	0.00
23) Nitrobenzene-d5	8.901	82	1131091	88.118	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	644501	133.007	ng	0.00
45) 2-Fluorobiphenyl	12.989	172	2585910	88.630	ng	0.00
79) Terphenyl-d14	19.901	244	4296483	85.308	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.308	88	30330	8.452 ng	98
3) Pyridine	3.713	79	82436	8.343 ng	99
4) n-Nitrosodimethylamine	3.613	42	38727	8.306 ng	# 90
6) Aniline	7.096	93	134120	8.597 ng	98
8) 2-Chlorophenol	7.331	128	82422	8.787 ng	96
9) Benzaldehyde	6.913	77	76645	11.252 ng	96
10) Phenol	6.972	94	102835	8.581 ng	95
11) bis(2-Chloroethyl)ether	7.190	93	83014	8.622 ng	95
12) 1,3-Dichlorobenzene	7.649	146	94493	8.851 ng	95
13) 1,4-Dichlorobenzene	7.796	146	93917	8.637 ng	99
14) 1,2-Dichlorobenzene	8.107	146	93306	8.832 ng	98
15) Benzyl Alcohol	8.001	79	71663	7.631 ng	98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	140709	8.937 ng	99
17) 2-Methylphenol	8.201	107	65675	8.129 ng	98
18) Hexachloroethane	8.819	117	35228	8.481 ng	88
19) n-Nitroso-di-n-propyla...	8.554	70	69498	8.768 ng	98
20) 3+4-Methylphenols	8.537	107	84099	7.433 ng	97
22) Acetophenone	8.566	105	132909	8.784 ng	# 95
24) Nitrobenzene	8.943	77	104676	9.090 ng	97
25) Isophorone	9.472	82	187804	8.324 ng	98
26) 2-Nitrophenol	9.654	139	38703	7.570 ng	97
27) 2,4-Dimethylphenol	9.719	122	67384	7.513 ng	94
28) bis(2-Chloroethoxy)met...	9.943	93	109994	8.434 ng	99
29) 2,4-Dichlorophenol	10.207	162	70013	7.829 ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	87089	8.641 ng	99
31) Naphthalene	10.578	128	267728	8.769 ng	99
32) Benzoic acid	9.848	122	40915m	6.136 ng	
33) 4-Chloroaniline	10.701	127	101630	7.987 ng	98
34) Hexachlorobutadiene	10.854	225	57848	8.916 ng	98
35) Caprolactam	11.472	113	24231	7.029 ng	89
36) 4-Chloro-3-methylphenol	11.825	107	83415	7.824 ng	97
37) 2-Methylnaphthalene	12.189	142	171640	8.753 ng	100
38) 1-Methylnaphthalene	12.407	142	180487	8.631 ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	105299	8.945 ng	99
41) Hexachlorocyclopentadiene	12.531	237	34144	5.325 ng	98
43) 2,4,6-Trichlorophenol	12.807	196	62719	8.104 ng	99

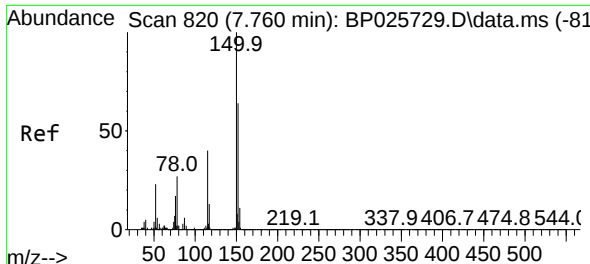
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
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Quant Time: Sep 15 13:19:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	68608	7.966	ng	92
46) 1,1'-Biphenyl	13.201	154	258771	9.075	ng	98
47) 2-Chloronaphthalene	13.242	162	201953	8.995	ng	99
48) 2-Nitroaniline	13.454	65	57334	7.660	ng	95
49) Acenaphthylene	14.107	152	318189	8.553	ng	98
50) Dimethylphthalate	13.831	163	256116	8.635	ng	99
51) 2,6-Dinitrotoluene	13.948	165	52066	8.286	ng	93
52) Acenaphthene	14.454	154	191301	8.917	ng	98
53) 3-Nitroaniline	14.295	138	47299	7.158	ng	96
54) 2,4-Dinitrophenol	14.519	184	17905	8.943	ng	90
55) Dibenzofuran	14.789	168	309822	8.861	ng	98
56) 4-Nitrophenol	14.660	139	21809m	8.100	ng	
57) 2,4-Dinitrotoluene	14.766	165	69802	7.805	ng	92
58) Fluorene	15.448	166	254310	9.146	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.025	232	62494	8.055	ng	98
60) Diethylphthalate	15.219	149	256401	8.522	ng	99
61) 4-Chlorophenyl-phenyle...	15.442	204	130531	9.315	ng	97
62) 4-Nitroaniline	15.489	138	39443	5.826	ng	94
63) Azobenzene	15.742	77	253031	8.698	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	33201	6.126	ng	92
66) n-Nitrosodiphenylamine	15.660	169	222527	8.922	ng	99
67) 4-Bromophenyl-phenylether	16.354	248	77820	8.692	ng	99
68) Hexachlorobenzene	16.477	284	86948	8.708	ng	98
69) Atrazine	16.636	200	78512	8.236	ng	93
70) Pentachlorophenol	16.842	266	47937	7.275	ng	94
71) Phenanthrene	17.219	178	416749	9.015	ng	99
72) Anthracene	17.319	178	407483	8.687	ng	99
73) Carbazole	17.601	167	369519	8.474	ng	98
74) Di-n-butylphthalate	18.183	149	446369	8.341	ng	100
75) Fluoranthene	19.307	202	494898	8.926	ng	100
77) Benzidine	19.518	184	200419	7.679	ng	99
78) Pyrene	19.689	202	517657	8.563	ng	99
80) Butylbenzylphthalate	20.630	149	206764	7.800	ng	99
81) Benzo(a)anthracene	21.601	228	533841	8.606	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	169820	7.918	ng	97
83) Chrysene	21.671	228	522474	8.836	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	304389	7.849	ng	99
85) Di-n-octyl phthalate	22.807	149	506384	7.340	ng	99
87) Indeno(1,2,3-cd)pyrene	28.777	276	565494	8.280	ng	# 79
88) Benzo(b)fluoranthene	23.912	252	494374	8.608	ng	100
89) Benzo(k)fluoranthene	23.983	252	543218	9.269	ng	99
90) Benzo(a)pyrene	24.818	252	476886	8.479	ng	100
91) Dibenzo(a,h)anthracene	28.871	278	468914	8.390	ng	97
92) Benzo(g,h,i)perylene	29.977	276	461745	8.401	ng	100

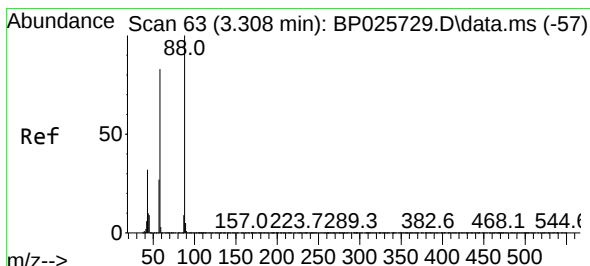
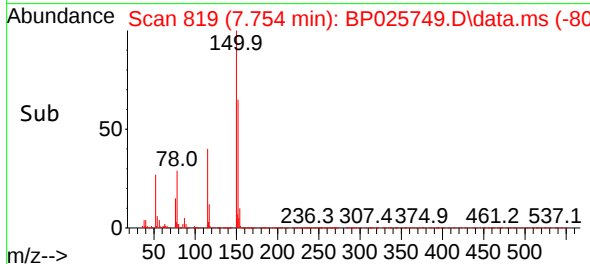
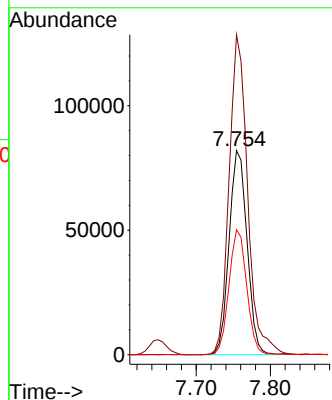
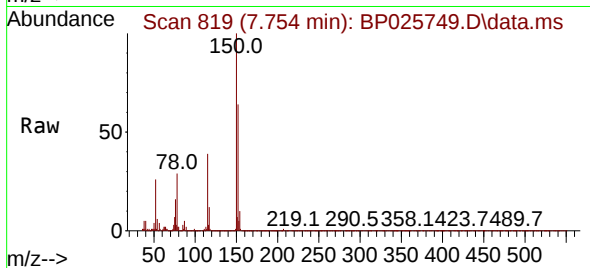
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.754 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025749.D
 Acq: 15 Sep 2025 12:29

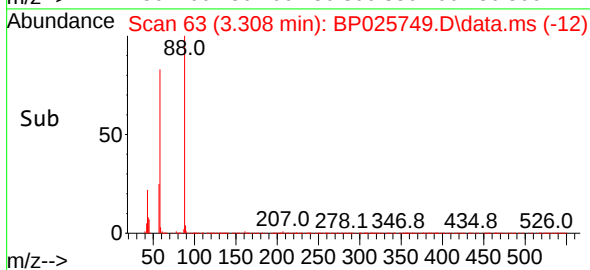
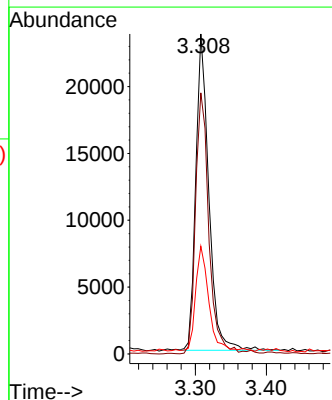
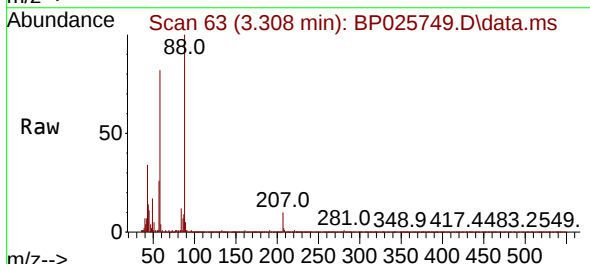
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

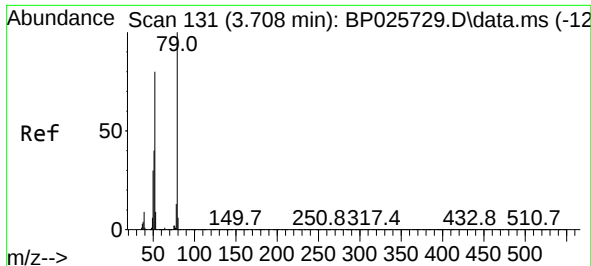
Tgt Ion:152 Resp: 137962
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.3 186.5
 115 61.2 50.3 75.5



#2
 1,4-Dioxane
 Concen: 8.452 ng
 RT: 3.308 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BP025749.D
 Acq: 15 Sep 2025 12:29

Tgt Ion: 88 Resp: 30330
 Ion Ratio Lower Upper
 88 100
 58 83.9 65.5 98.3
 43 33.1 25.2 37.8

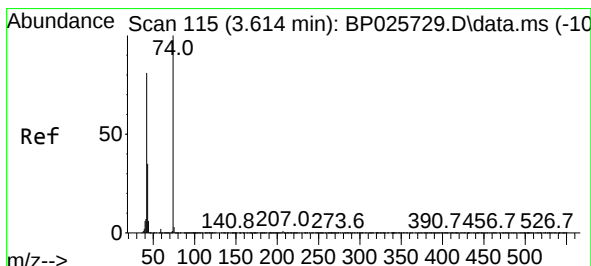
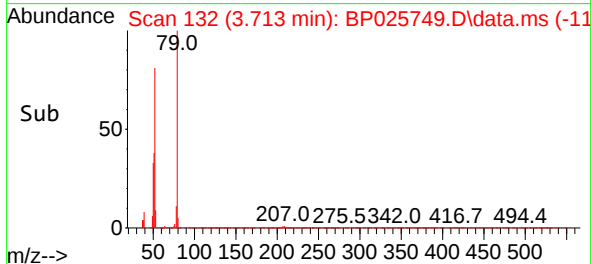
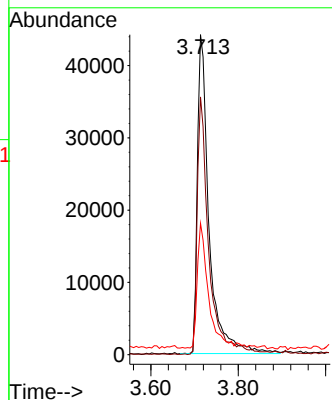
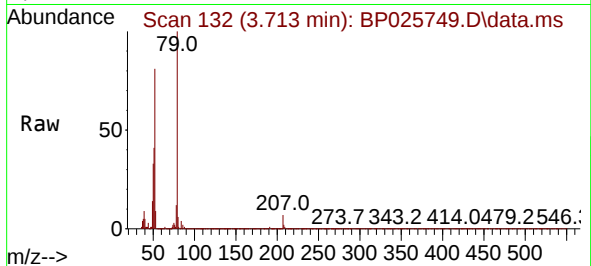




#3
Pyridine
Concen: 8.343 ng
RT: 3.713 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

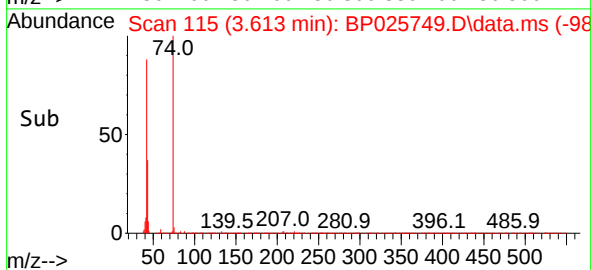
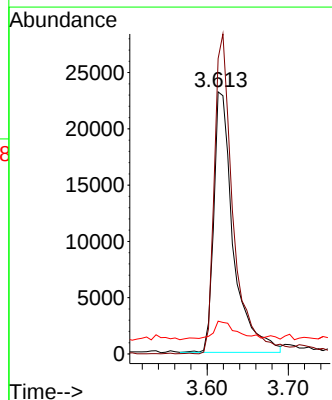
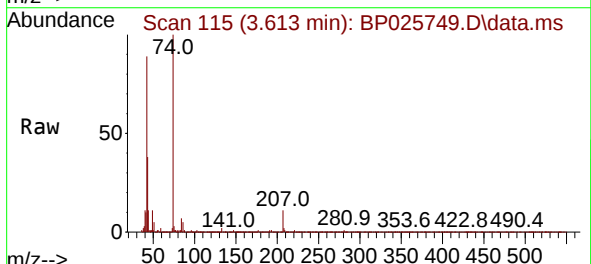
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

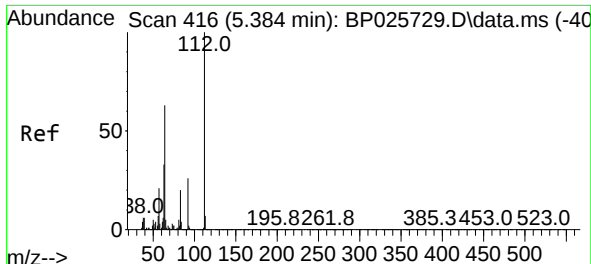
Tgt Ion: 79 Resp: 82436
Ion Ratio Lower Upper
79 100
52 80.6 63.7 95.5
51 41.1 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 8.306 ng
RT: 3.613 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 42 Resp: 38727
Ion Ratio Lower Upper
42 100
74 112.7 99.2 148.8
44 12.5 6.4 9.6#

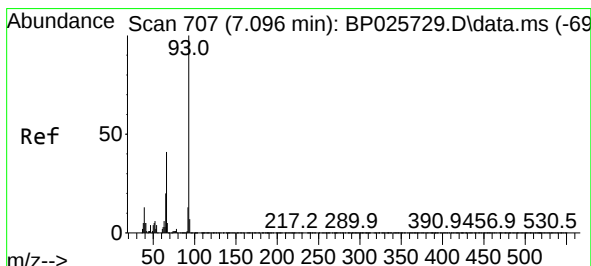
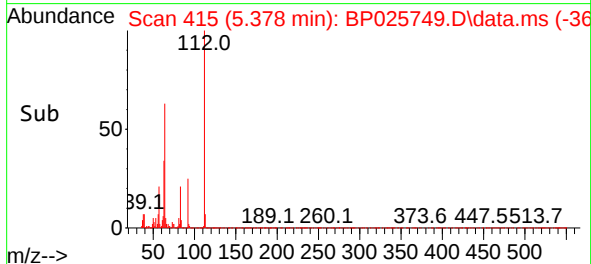
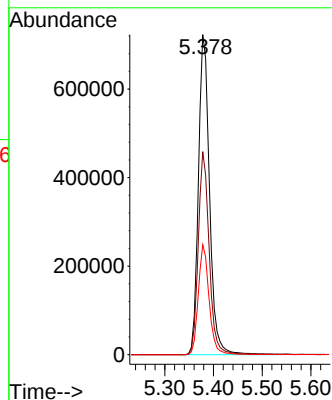
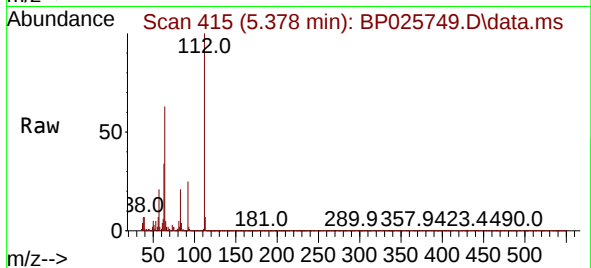




#5
2-Fluorophenol
Concen: 135.133 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

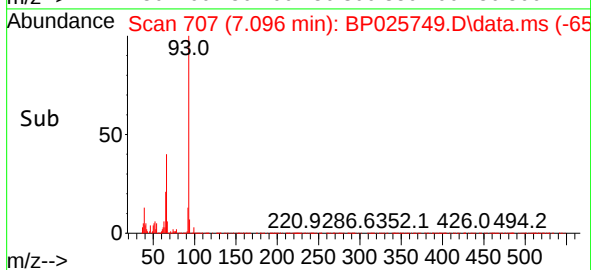
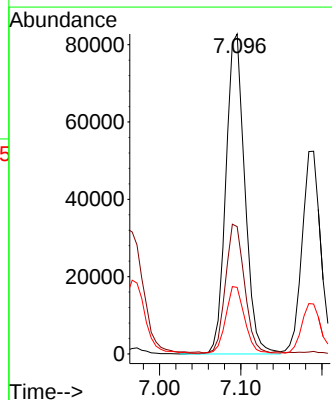
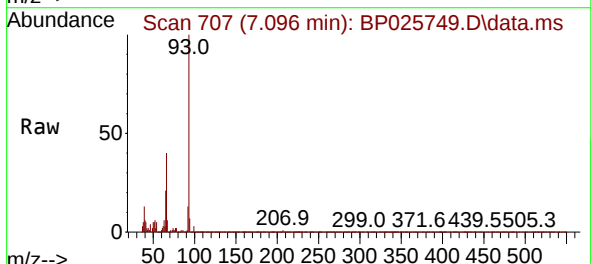
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2025

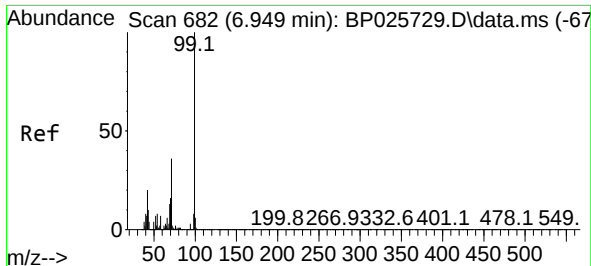
Tgt Ion:112 Resp: 1155418
Ion Ratio Lower Upper
112 100
64 63.5 50.2 75.4
63 34.3 26.7 40.1



#6
Aniline
Concen: 8.597 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 93 Resp: 134120
Ion Ratio Lower Upper
93 100
66 39.8 32.6 49.0
65 20.8 16.2 24.2

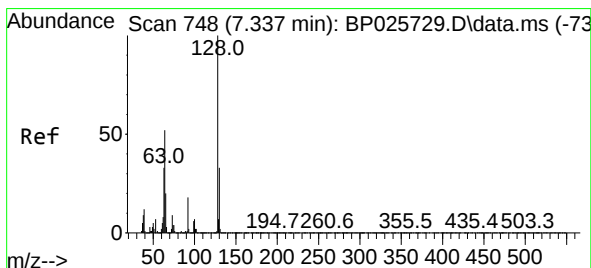
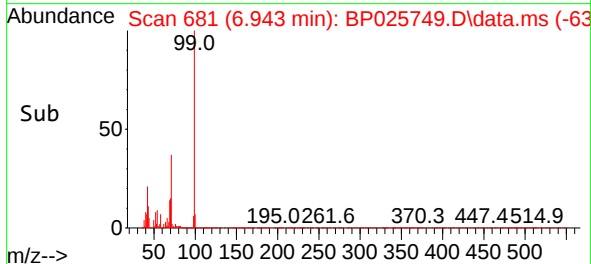
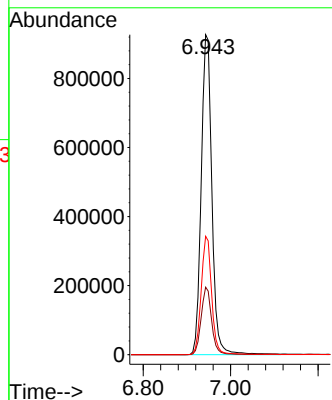
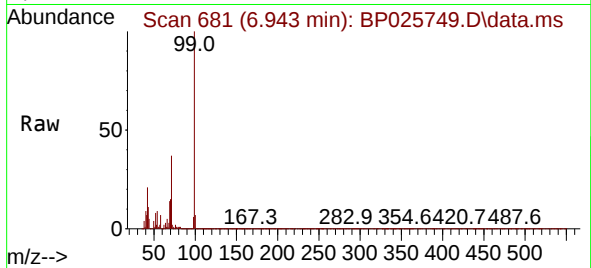




#7
Phenol-d6
Concen: 138.722 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

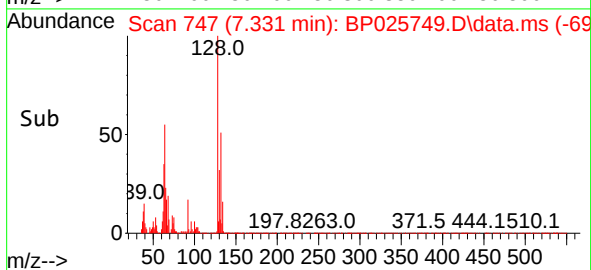
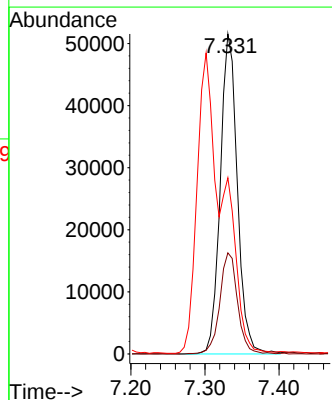
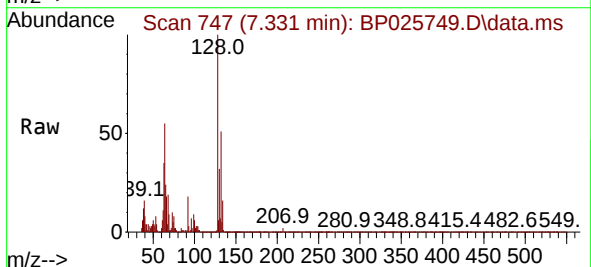
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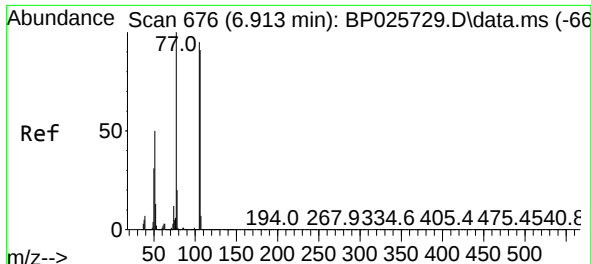
Tgt Ion: 99 Resp: 1576552
Ion Ratio Lower Upper
99 100
42 21.1 15.6 23.4
71 37.0 28.6 43.0



#8
2-Chlorophenol
Concen: 8.787 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:128 Resp: 82422
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 55.1 31.6 71.6

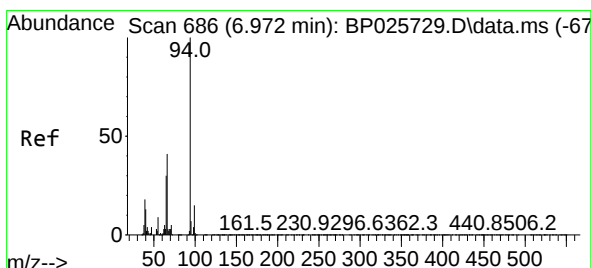
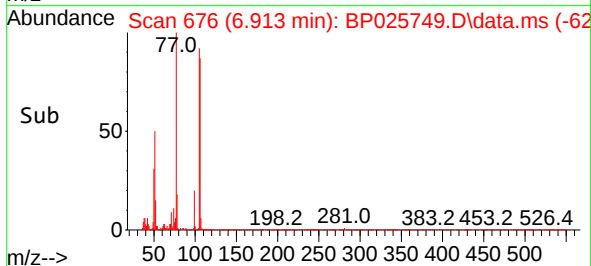
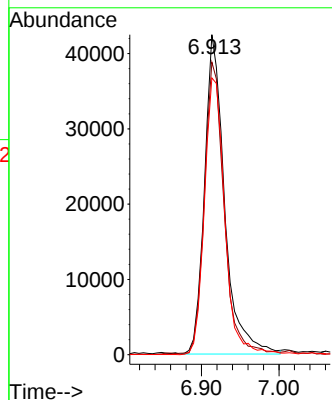
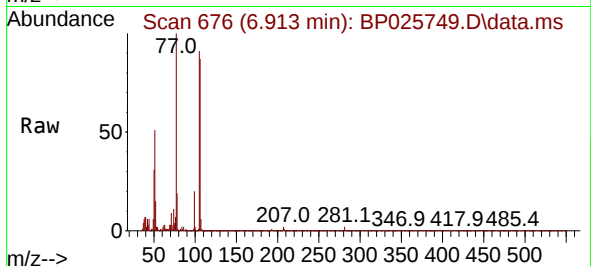




#9
Benzaldehyde
Concen: 11.252 ng
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

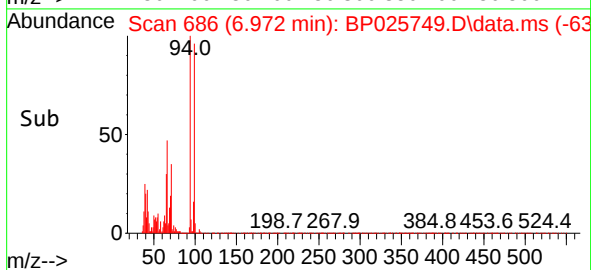
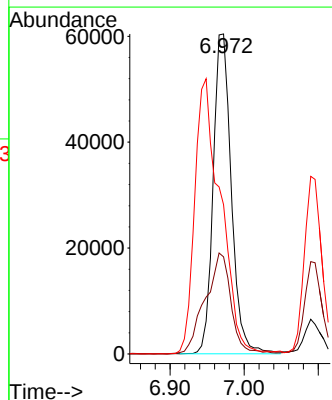
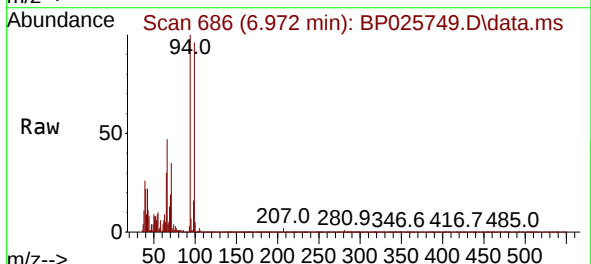
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2025

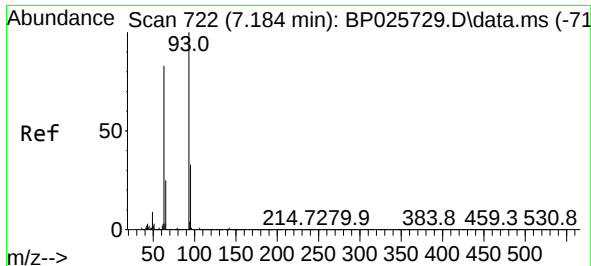
Tgt Ion: 77 Resp: 76645
Ion Ratio Lower Upper
77 100
105 91.4 75.2 115.2
106 86.5 71.3 111.3



#10
Phenol
Concen: 8.581 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 94 Resp: 102835
Ion Ratio Lower Upper
94 100
65 30.3 10.2 50.2
66 46.6 21.4 61.4

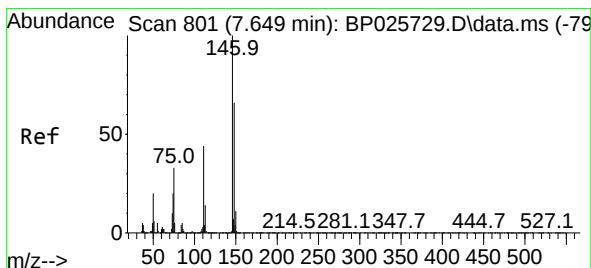
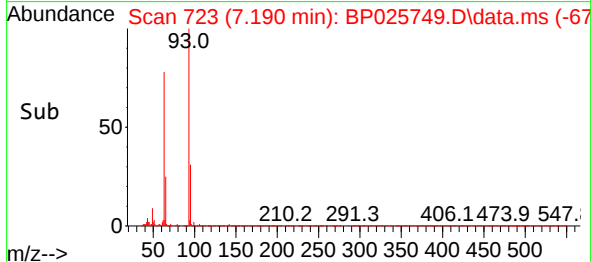
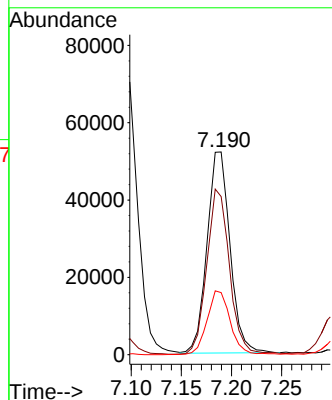
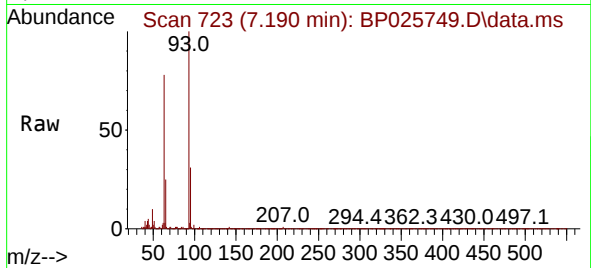




#11
bis(2-Chloroethyl)ether
Concen: 8.622 ng
RT: 7.190 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

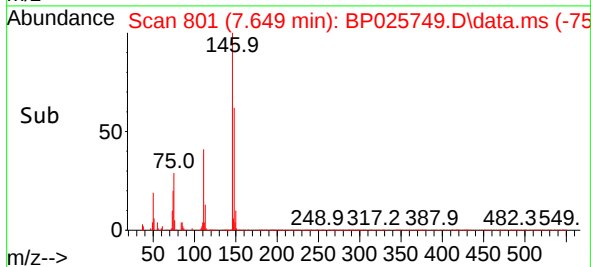
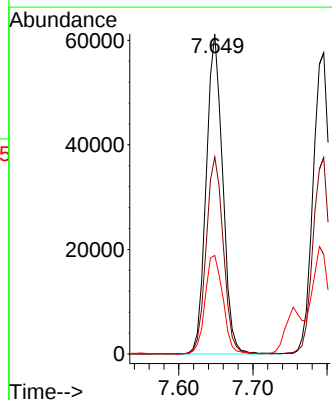
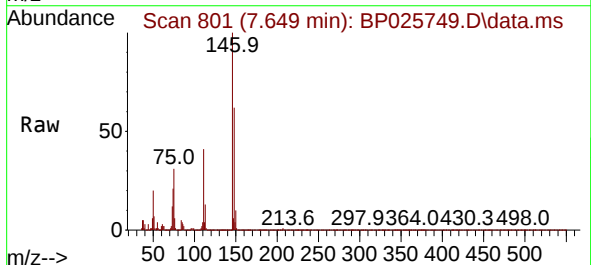
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

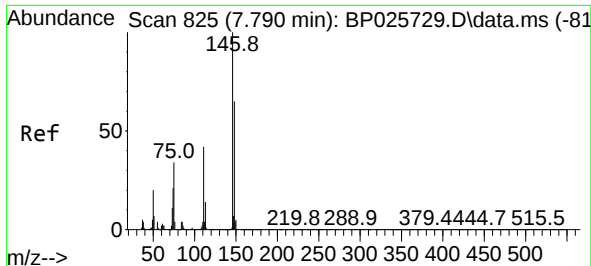
Tgt Ion: 93 Resp: 83014
Ion Ratio Lower Upper
93 100
63 78.0 62.6 102.6
95 30.6 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 8.851 ng
RT: 7.649 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 146 Resp: 94493
Ion Ratio Lower Upper
146 100
148 61.6 52.7 79.1
75 30.8 26.4 39.6

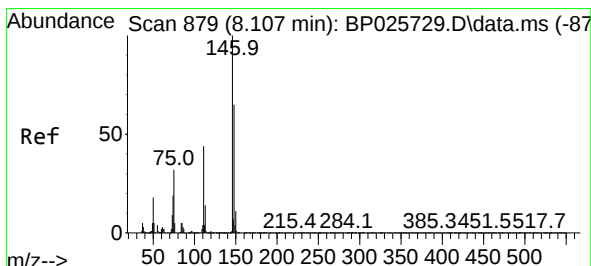
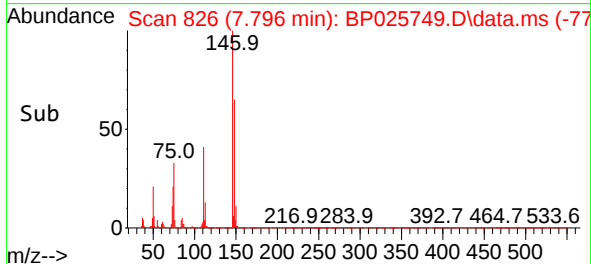
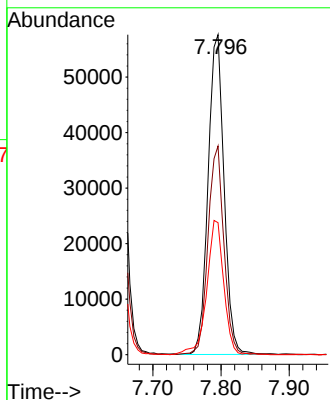
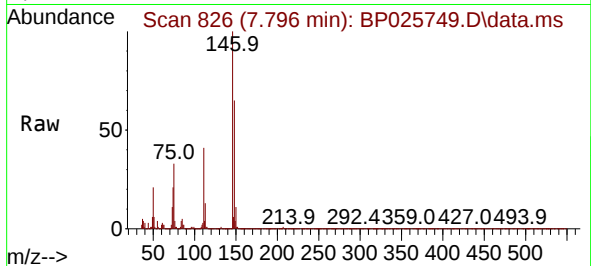




#13
1,4-Dichlorobenzene
Concen: 8.637 ng
RT: 7.796 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

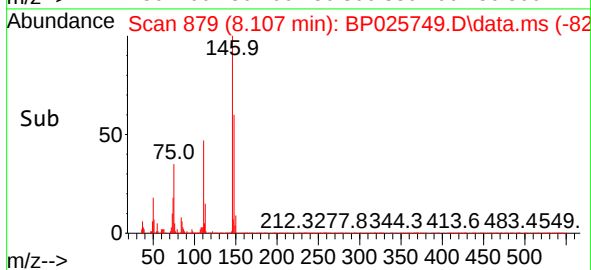
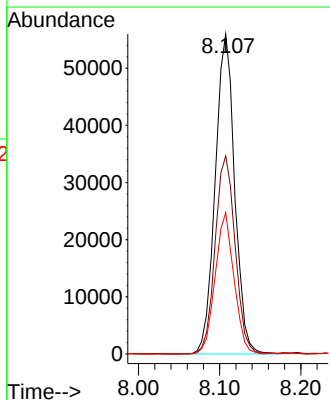
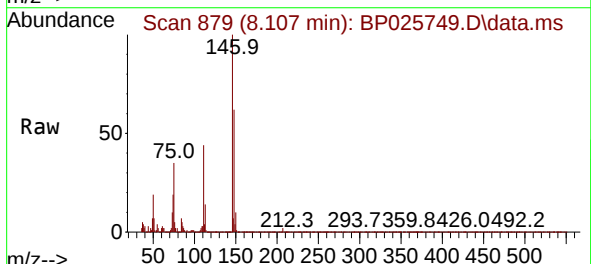
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

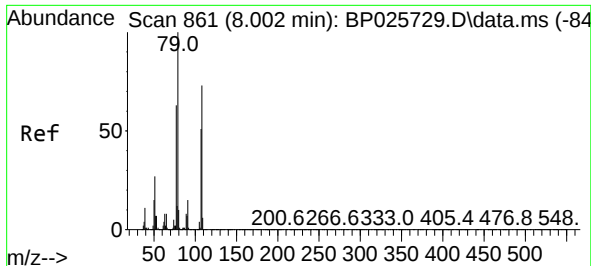
Tgt Ion:146 Resp: 93917
Ion Ratio Lower Upper
146 100
148 65.2 52.0 78.0
111 41.3 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 8.832 ng
RT: 8.107 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:146 Resp: 93306
Ion Ratio Lower Upper
146 100
148 61.9 51.7 77.5
111 44.2 35.5 53.3

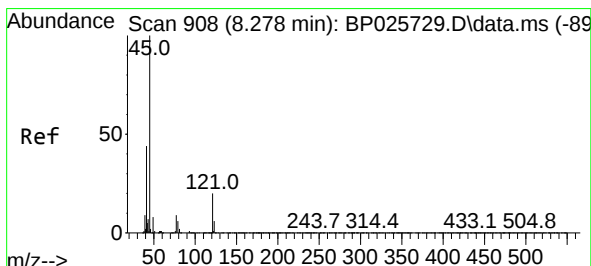
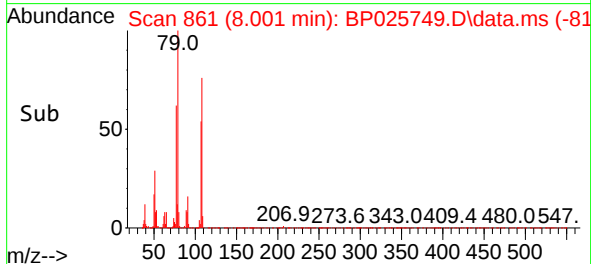
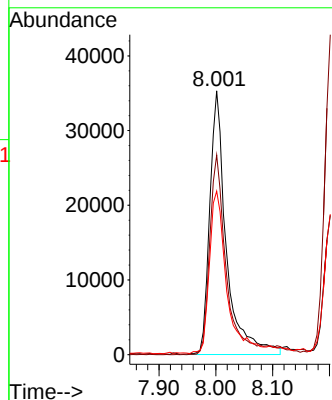
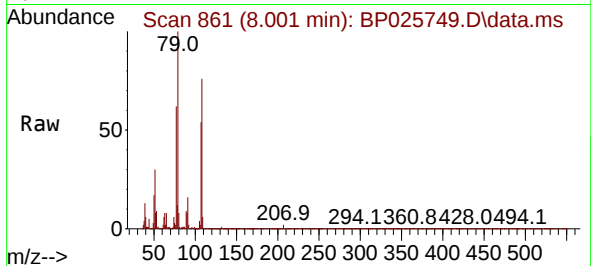




#15
Benzyl Alcohol
Concen: 7.631 ng
RT: 8.001 min Scan# 861
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

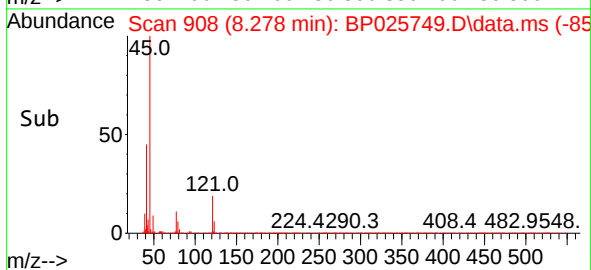
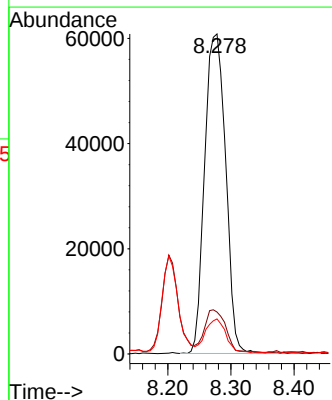
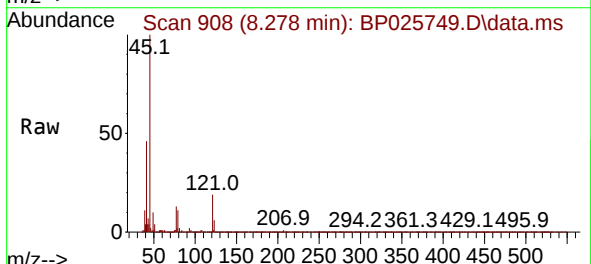
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion: 79 Resp: 71663
Ion Ratio Lower Upper
79 100
108 75.7 58.7 88.1
77 62.0 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.937 ng
RT: 8.278 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 45 Resp: 140709
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.1
79 11.0 0.0 30.0

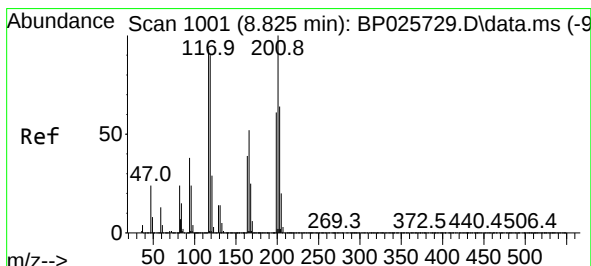
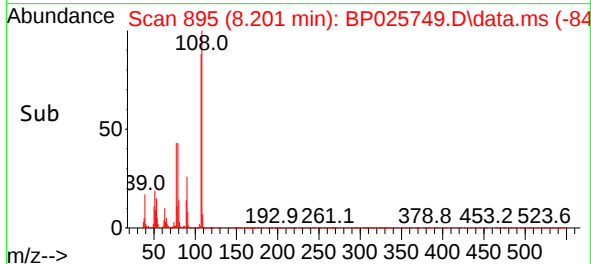
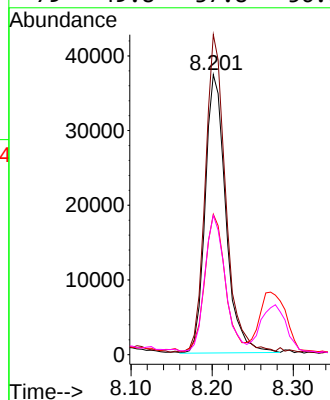
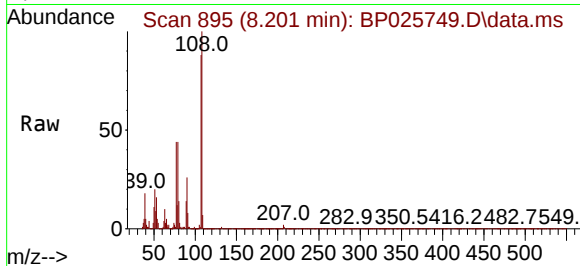




#17
2-Methylphenol
Concen: 8.129 ng
RT: 8.201 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

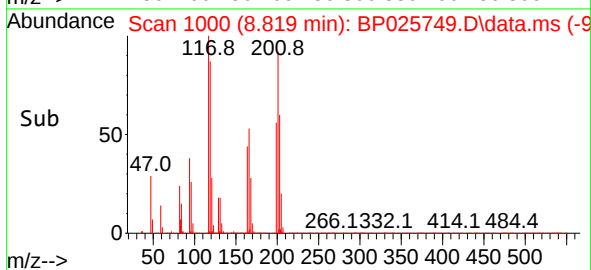
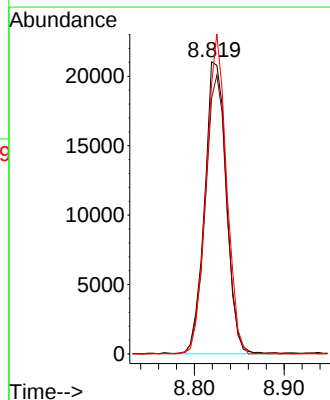
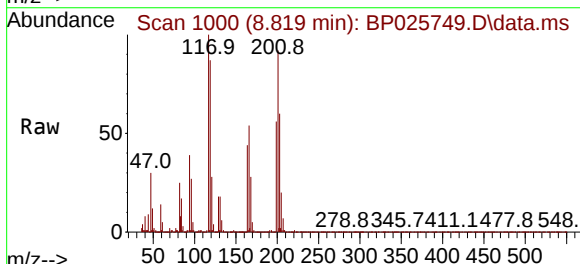
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

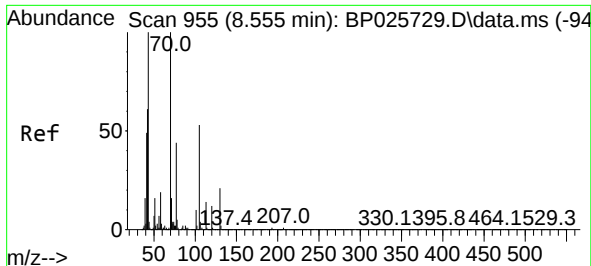
Tgt Ion:	107	Resp:	65675
Ion	Ratio	Lower	Upper
107	100		
108	114.3	89.6	134.4
77	50.1	39.3	58.9
79	49.8	37.8	56.6



#18
Hexachloroethane
Concen: 8.481 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:	117	Resp:	35228
Ion	Ratio	Lower	Upper
117	100		
119	87.4	77.1	115.7
201	92.4	85.6	128.4

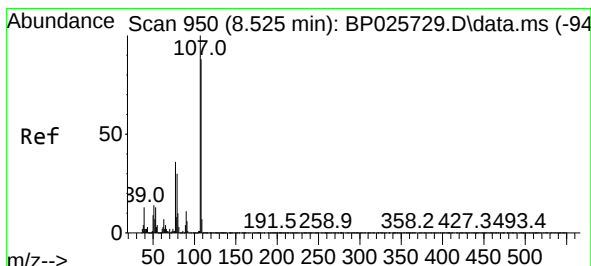
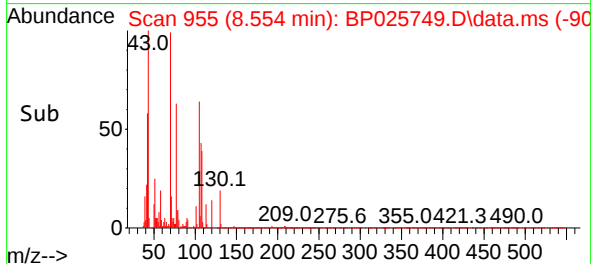
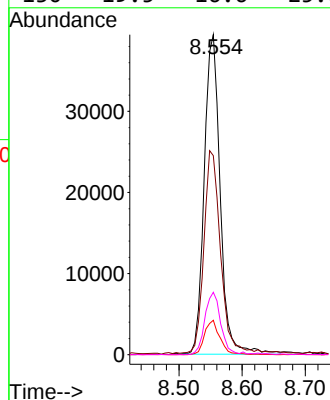
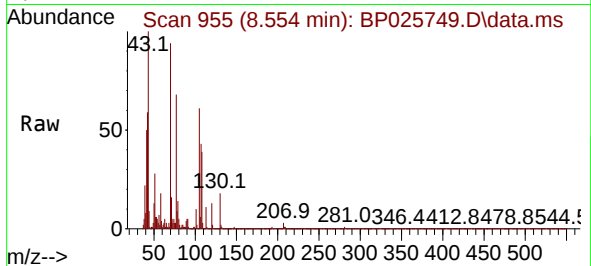




#19
n-Nitroso-di-n-propylamine
Concen: 8.768 ng
RT: 8.554 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

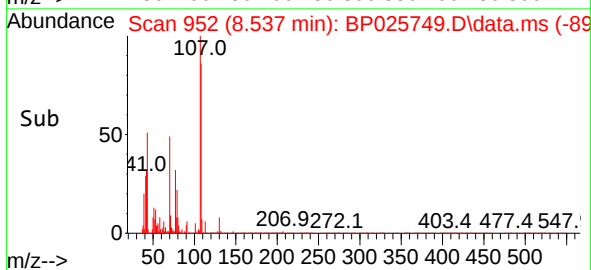
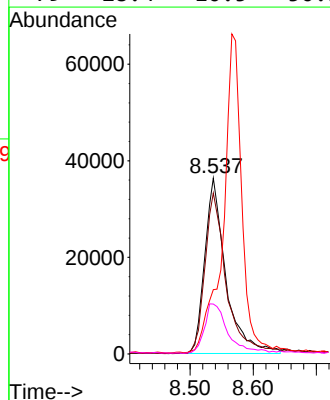
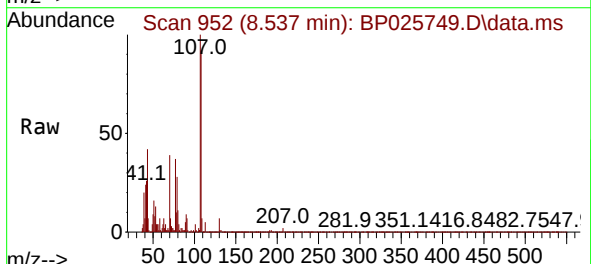
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

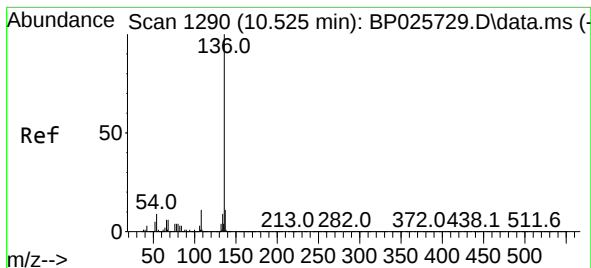
Tgt Ion: 70 Resp: 69498
Ion Ratio Lower Upper
70 100
42 62.2 49.0 73.4
101 10.8 7.9 11.9
130 19.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 7.433 ng
RT: 8.537 min Scan# 952
Delta R.T. 0.012 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 107 Resp: 84099
Ion Ratio Lower Upper
107 100
108 91.5 67.8 107.8
77 36.6 16.1 56.1
79 28.4 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion:136 Resp: 566211

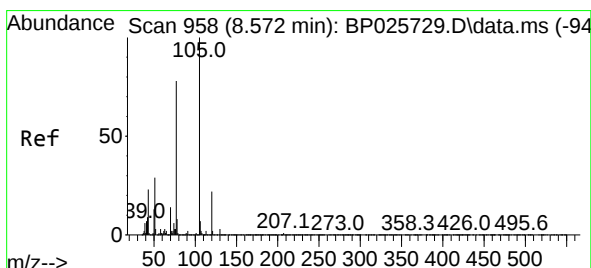
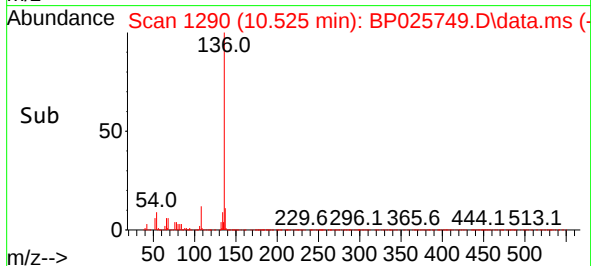
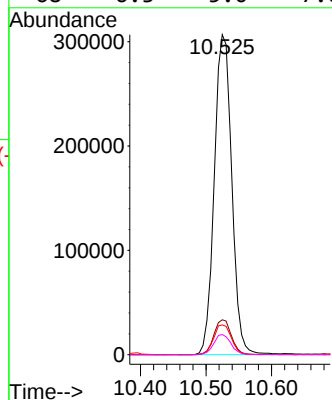
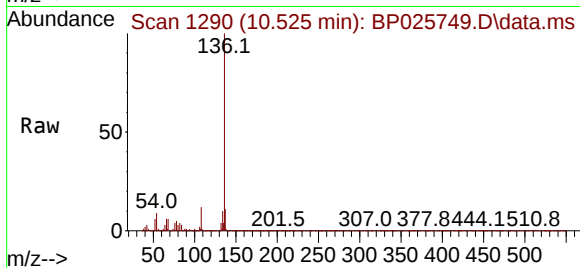
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.3 7.5 11.3

68 6.3 5.0 7.6



#22

Acetophenone

Concen: 8.784 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Tgt Ion:105 Resp: 132909

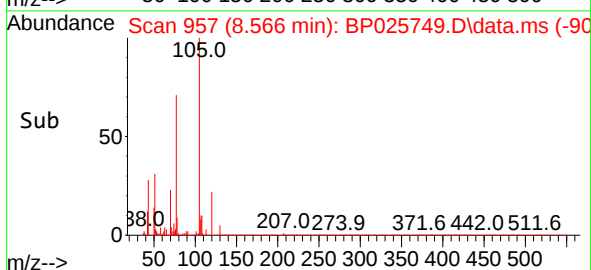
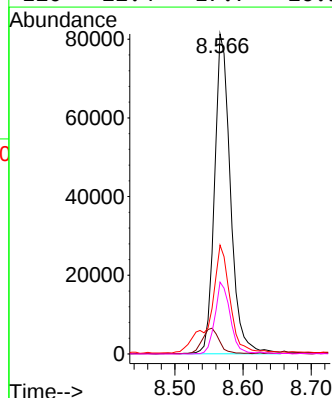
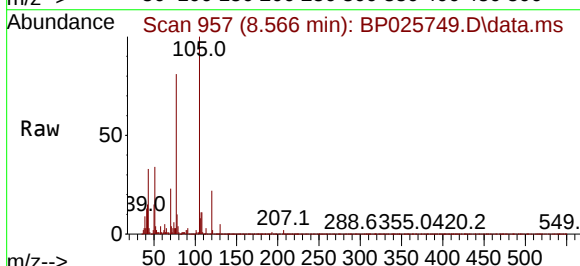
Ion Ratio Lower Upper

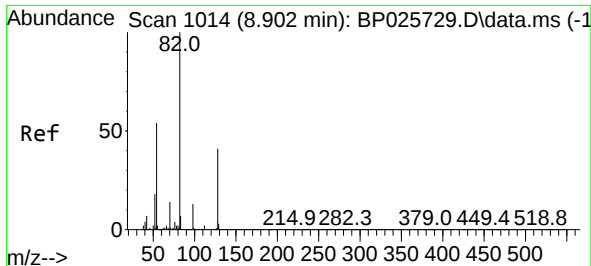
105 100

71 3.8 1.8 2.8

51 34.0 23.5 35.3

120 22.4 17.7 26.5

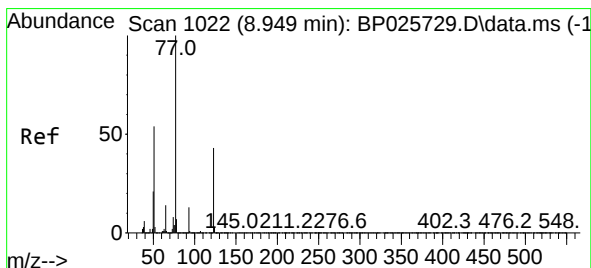
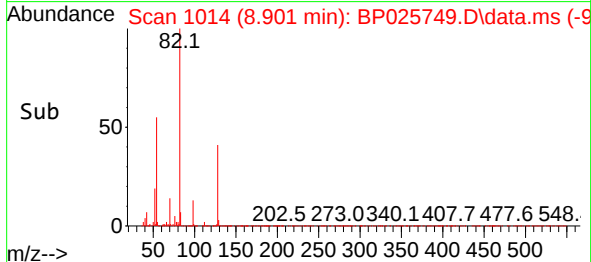
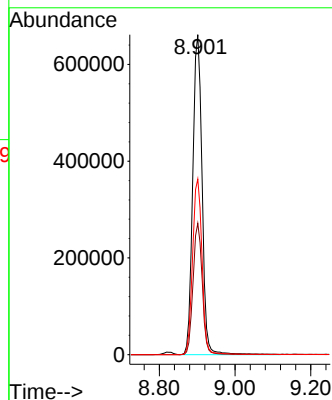
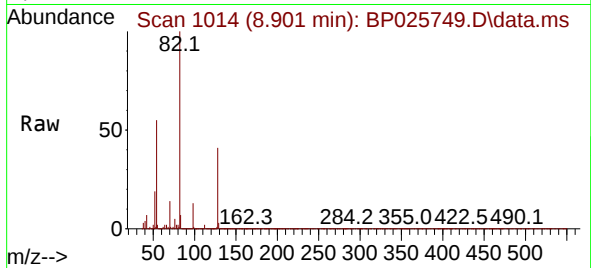




#23
Nitrobenzene-d5
Concen: 88.118 ng
RT: 8.901 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

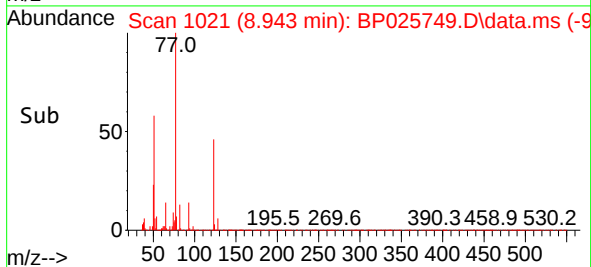
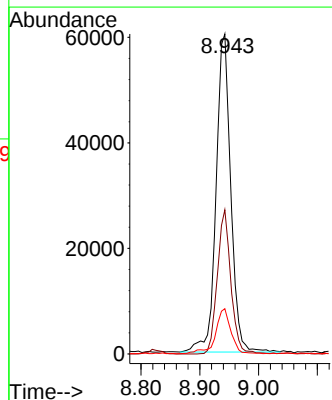
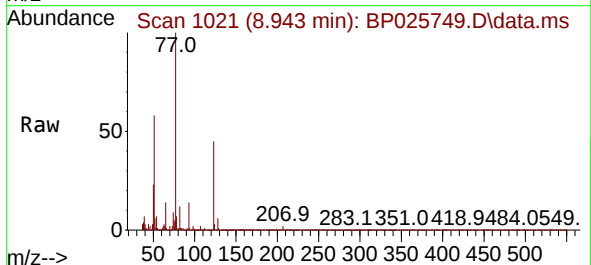
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

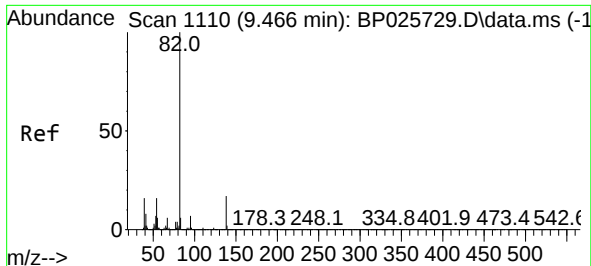
Tgt Ion: 82 Resp: 1131091
Ion Ratio Lower Upper
82 100
128 41.1 32.9 49.3
54 54.9 43.4 65.2



#24
Nitrobenzene
Concen: 9.090 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 77 Resp: 104676
Ion Ratio Lower Upper
77 100
123 45.1 34.4 51.6
65 14.2 10.8 16.2

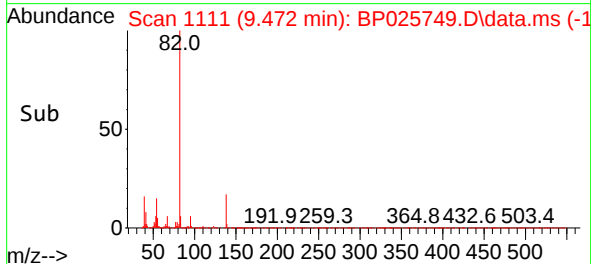
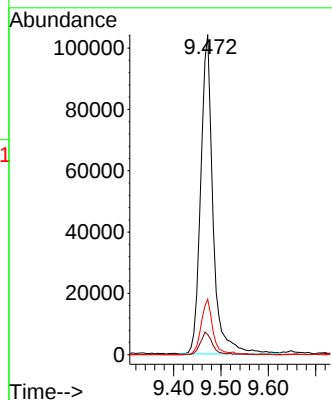
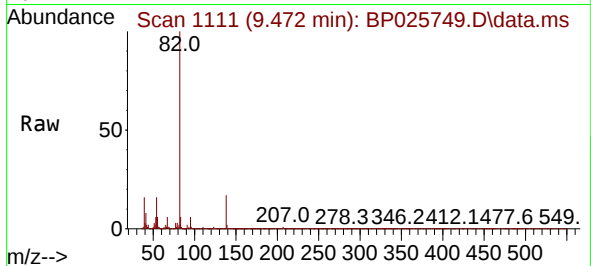




#25
Isophorone
Concen: 8.324 ng
RT: 9.472 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

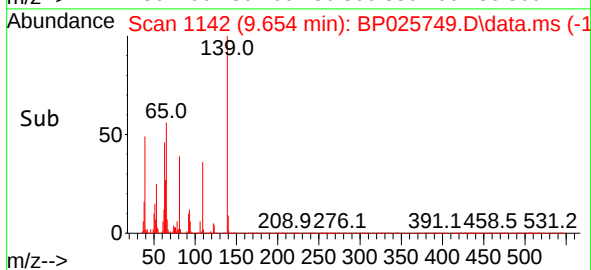
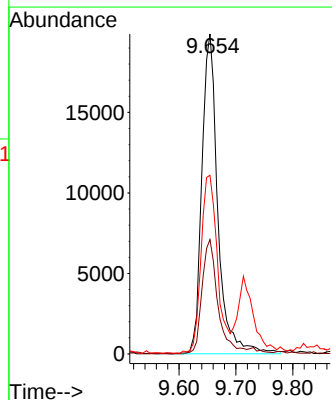
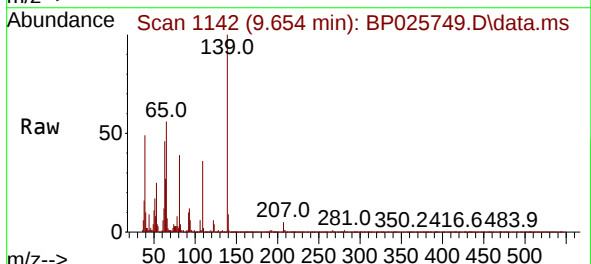
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

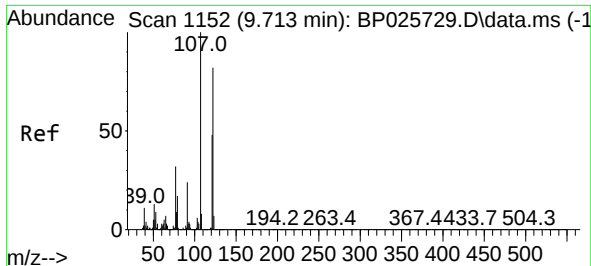
Tgt Ion: 82 Resp: 187804
Ion Ratio Lower Upper
82 100
95 6.3 5.8 8.8
138 17.3 13.5 20.3



#26
2-Nitrophenol
Concen: 7.570 ng
RT: 9.654 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 139 Resp: 38703
Ion Ratio Lower Upper
139 100
109 35.7 29.0 43.4
65 55.8 46.9 70.3

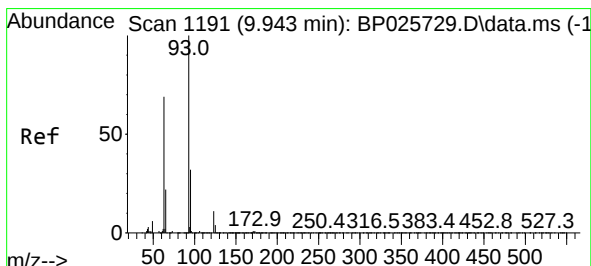
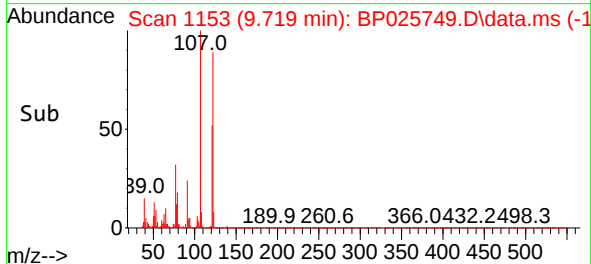
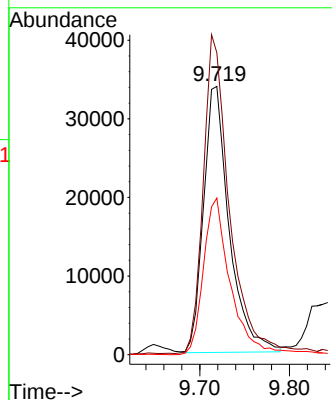
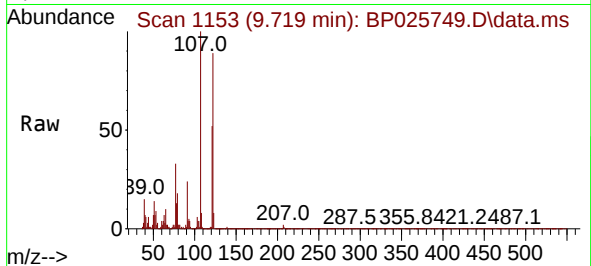




#27
2,4-Dimethylphenol
Concen: 7.513 ng
RT: 9.719 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

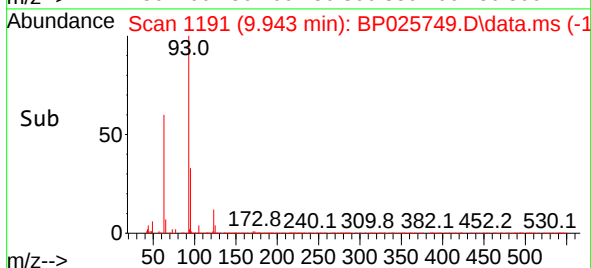
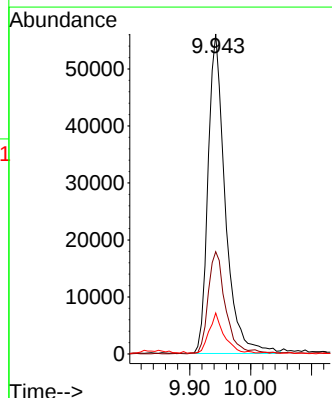
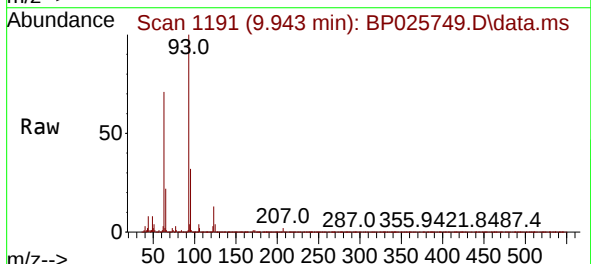
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

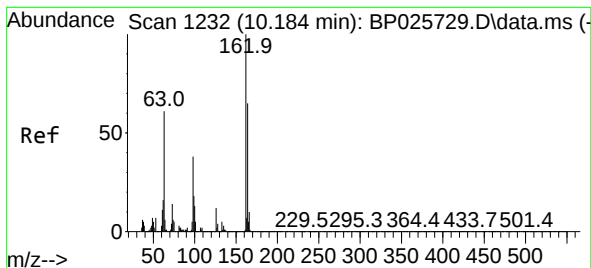
Tgt Ion:122 Resp: 67384
Ion Ratio Lower Upper
122 100
107 112.5 97.9 146.9
121 58.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.434 ng
RT: 9.943 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion: 93 Resp: 109994
Ion Ratio Lower Upper
93 100
95 31.9 25.6 38.4
123 12.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 7.829 ng

RT: 10.207 min Scan# 1236

Delta R.T. 0.023 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

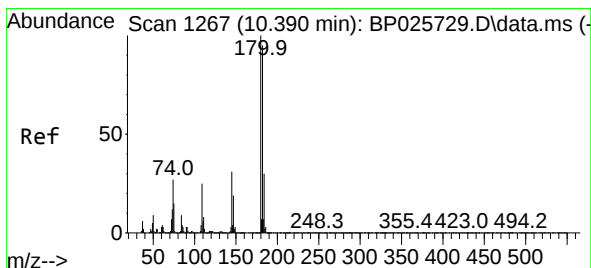
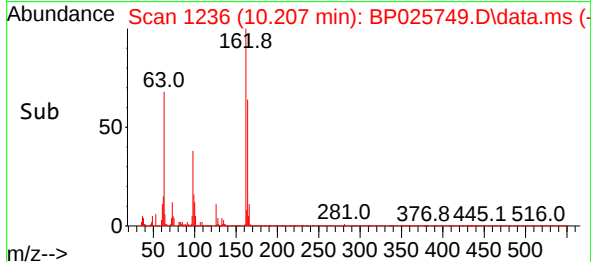
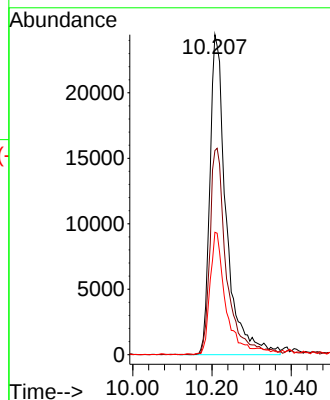
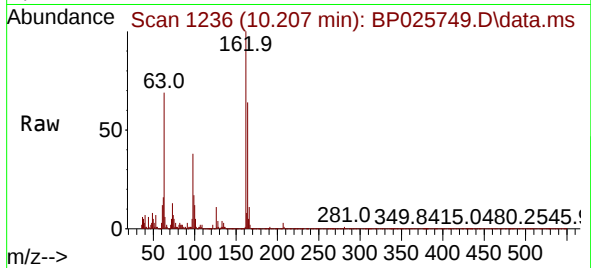
Tgt Ion:162 Resp: 70013

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 38.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 8.641 ng

RT: 10.390 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

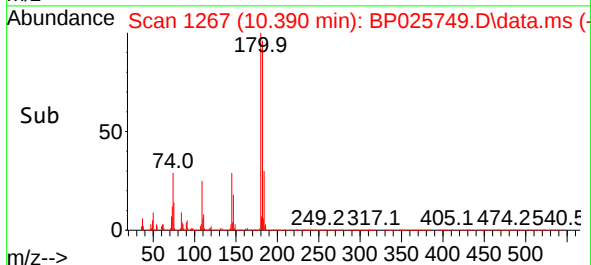
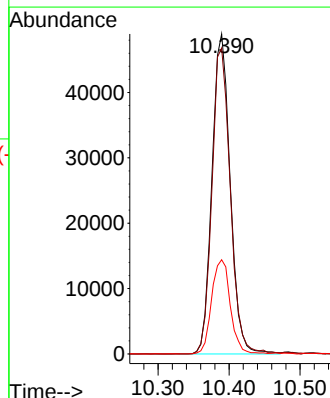
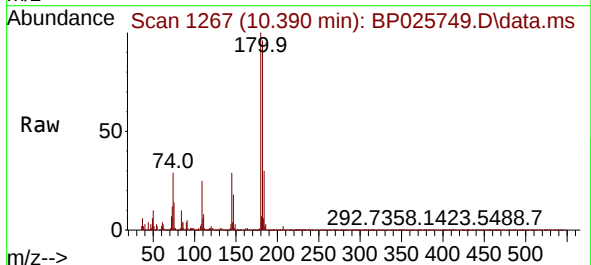
Tgt Ion:180 Resp: 87089

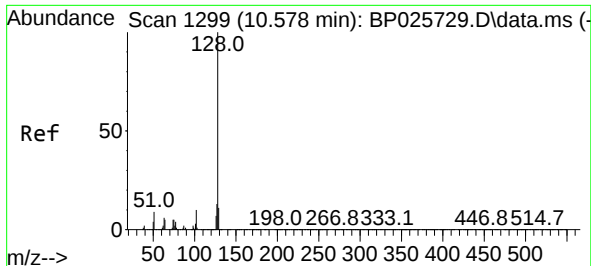
Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 29.5 24.7 37.1

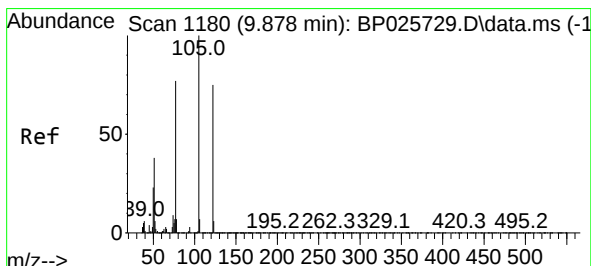
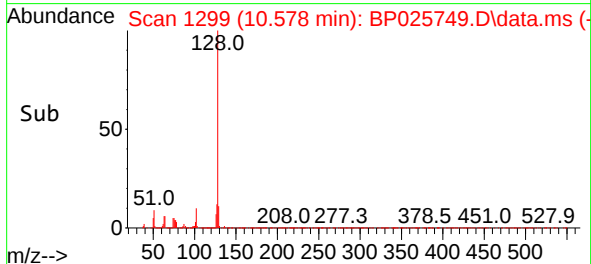
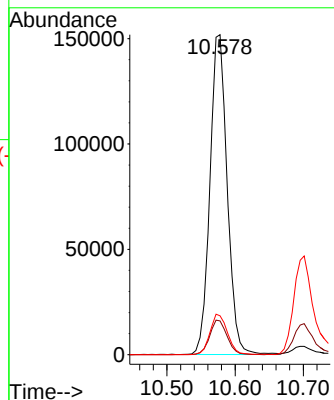
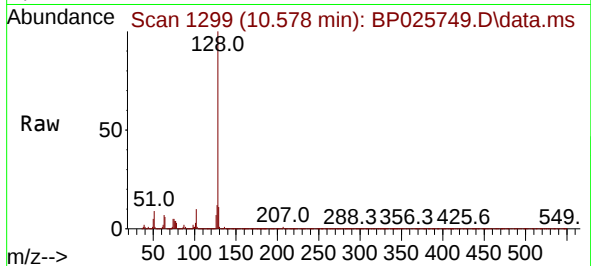




#31
Naphthalene
Concen: 8.769 ng
RT: 10.578 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

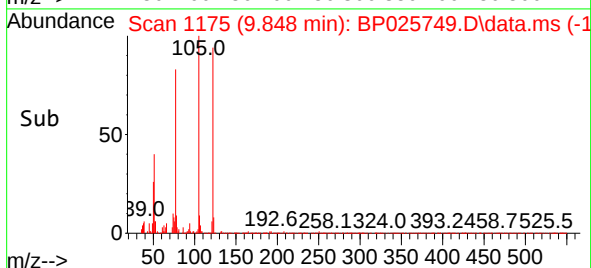
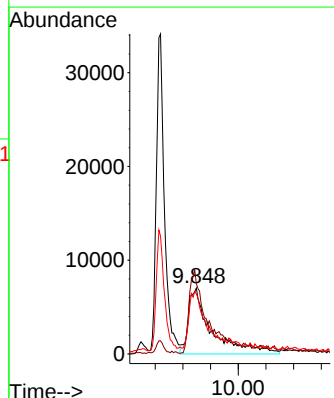
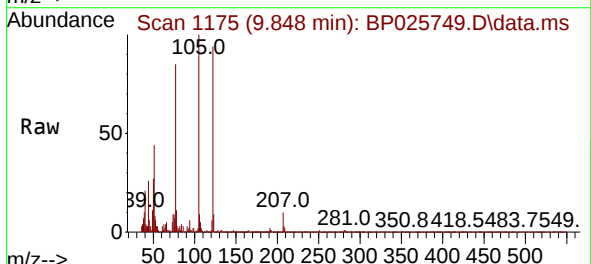
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

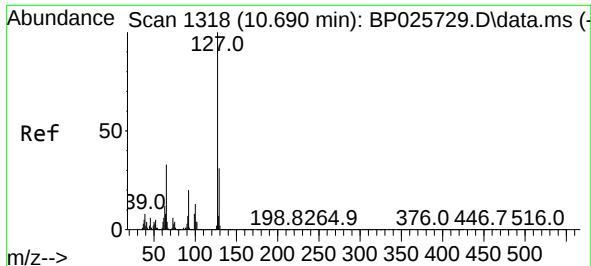
Tgt Ion:128 Resp: 267728
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.2 10.2 15.4



#32
Benzoic acid
Concen: 6.136 ng m
RT: 9.848 min Scan# 1175
Delta R.T. -0.030 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:122 Resp: 40915
Ion Ratio Lower Upper
122 100
105 106.9 111.5 151.5#
77 90.8 81.8 121.8

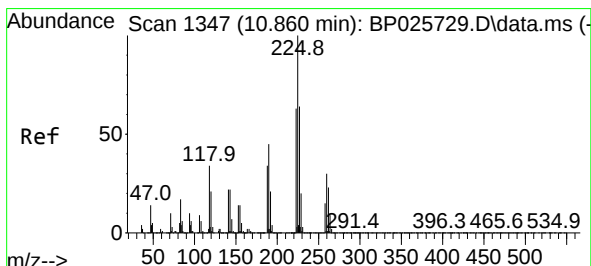
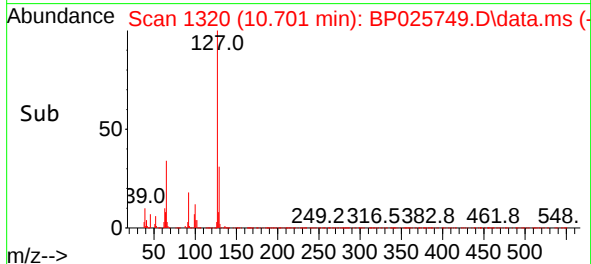
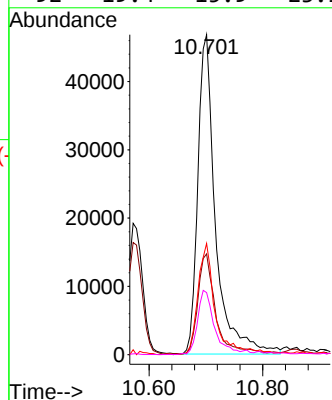
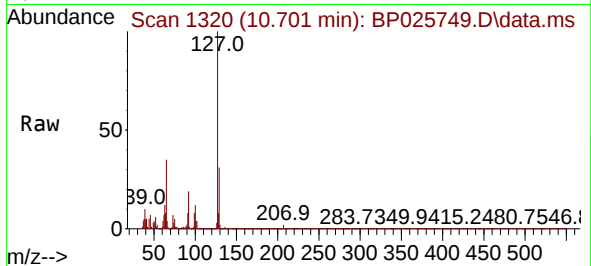




#33
4-Chloroaniline
Concen: 7.987 ng
RT: 10.701 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

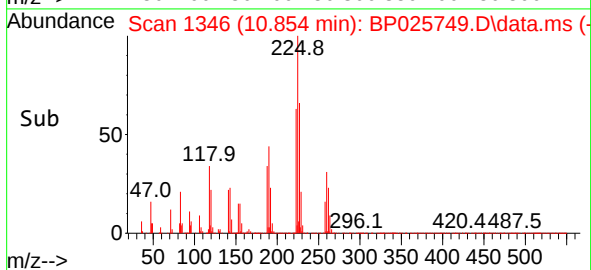
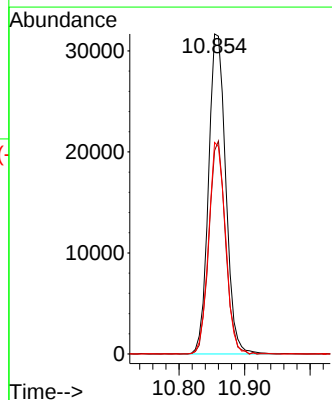
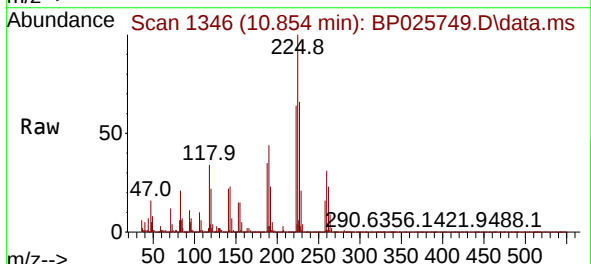
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

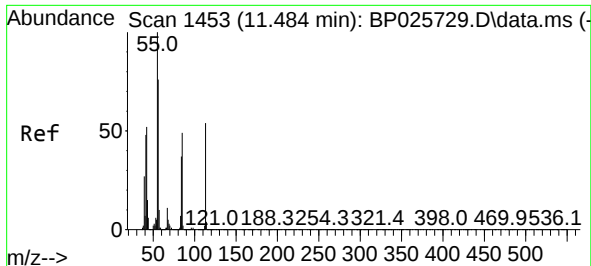
Tgt Ion:	127	Resp:	101630
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.1	37.7
65	34.7	26.4	39.6
92	19.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 8.916 ng
RT: 10.854 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:	225	Resp:	57848
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.1	75.1
227	66.1	51.2	76.8

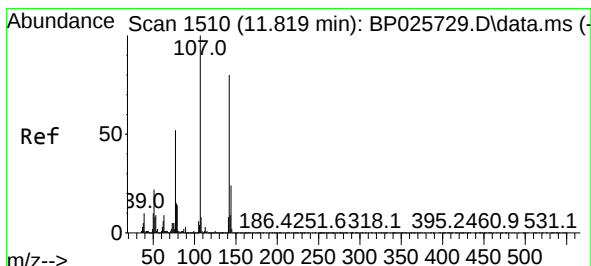
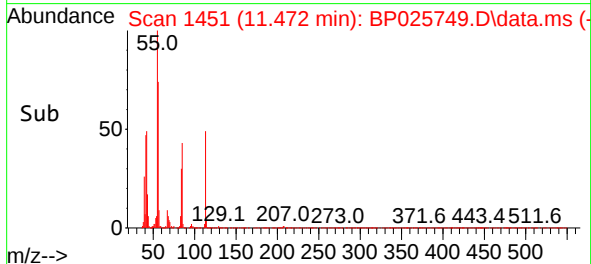
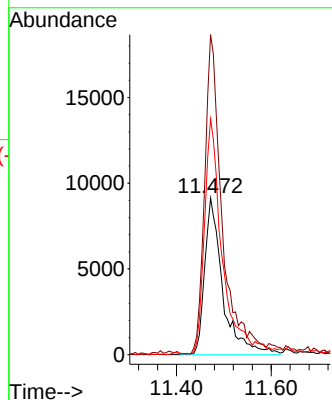
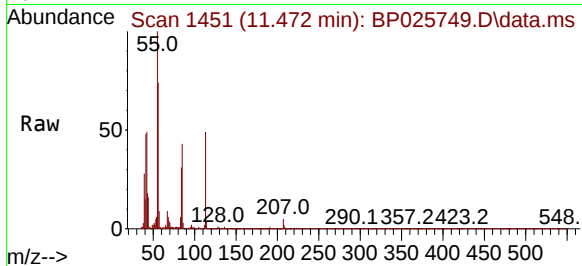




#35
Caprolactam
Concen: 7.029 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

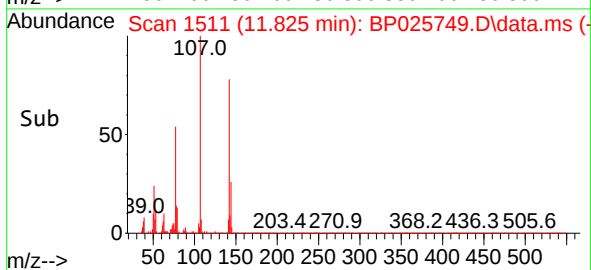
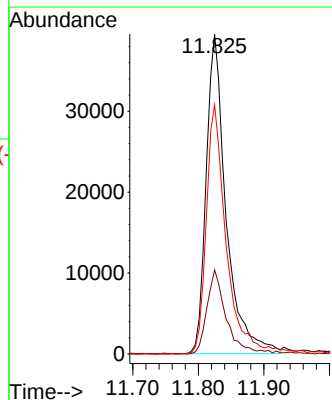
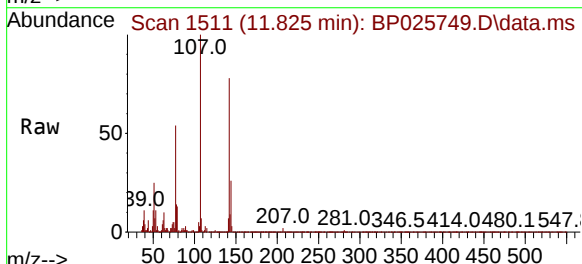
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

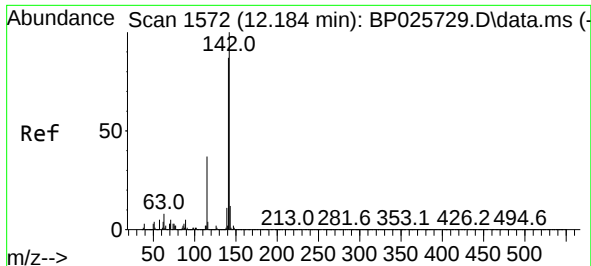
Tgt Ion	113	Resp	24231
Ion	Ratio	Lower	Upper
113	100		
55	204.3	165.5	205.5
56	150.4	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 7.824 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion	107	Resp	83415
Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.4	29.2
142	77.8	63.8	95.6

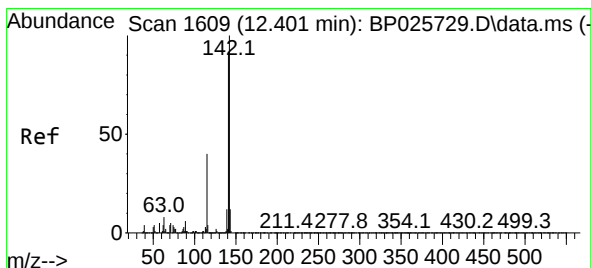
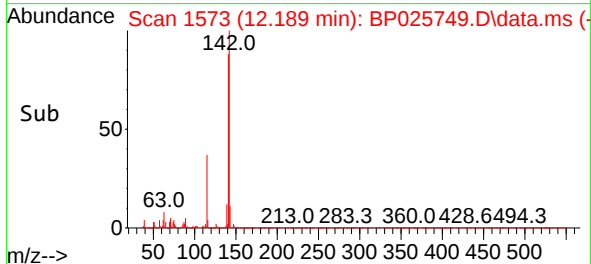
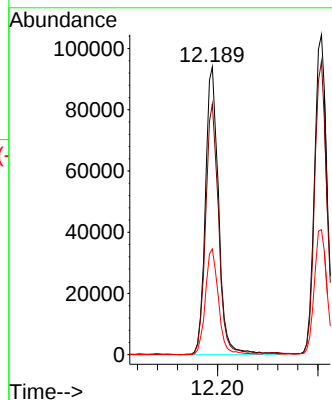
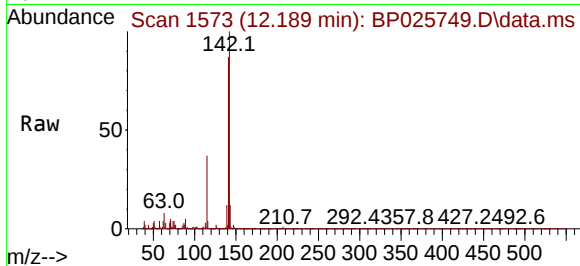




#37
2-Methylnaphthalene
Concen: 8.753 ng
RT: 12.189 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

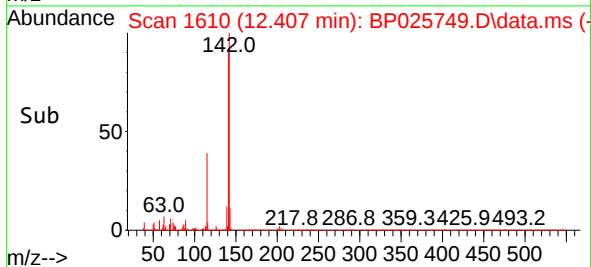
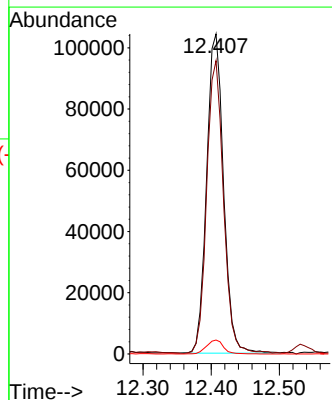
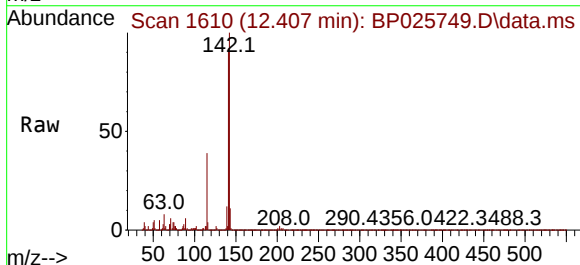
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

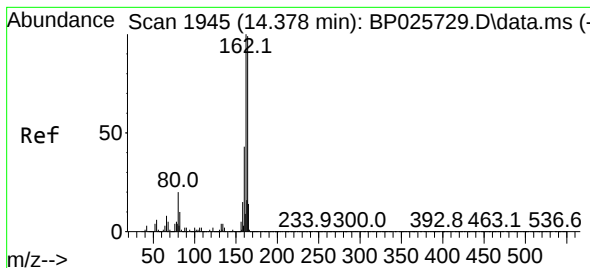
Tgt Ion:142 Resp: 171640
Ion Ratio Lower Upper
142 100
141 87.1 69.6 104.4
115 36.7 30.0 45.0



#38
1-Methylnaphthalene
Concen: 8.631 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:142 Resp: 180487
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
116 4.4 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.389 min Scan# 1947

Delta R.T. 0.012 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

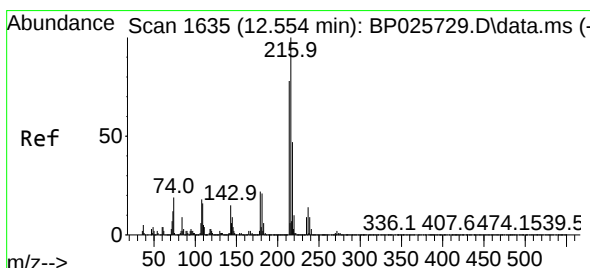
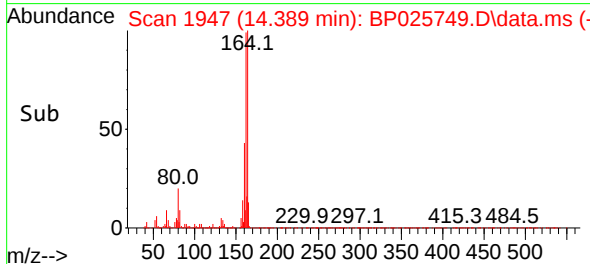
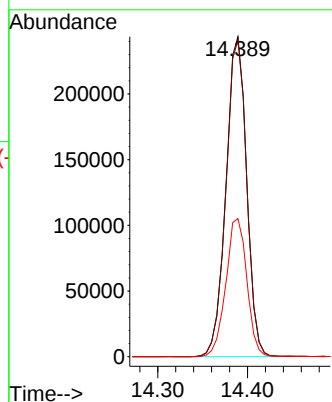
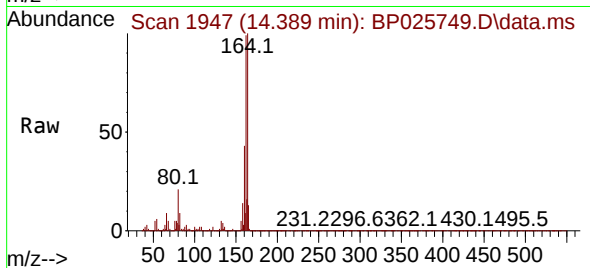
Tgt Ion:164 Resp: 388487

Ion Ratio Lower Upper

164 100

162 98.8 80.6 120.8

160 43.1 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.945 ng

RT: 12.560 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Tgt Ion:216 Resp: 105299

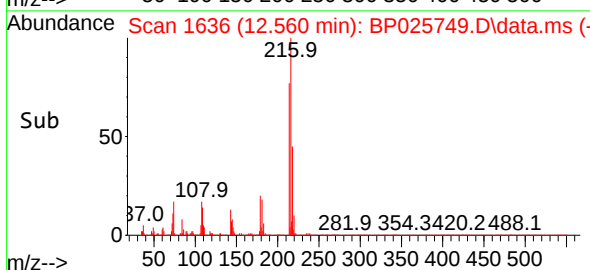
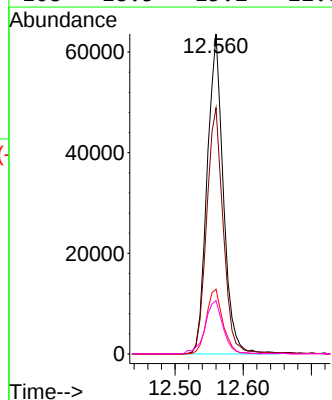
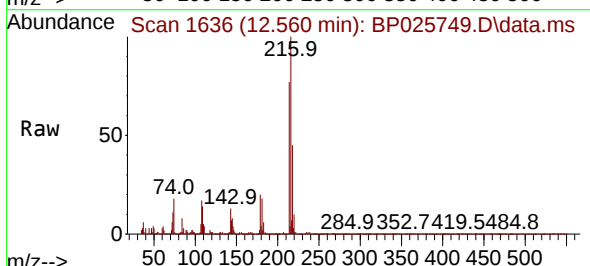
Ion Ratio Lower Upper

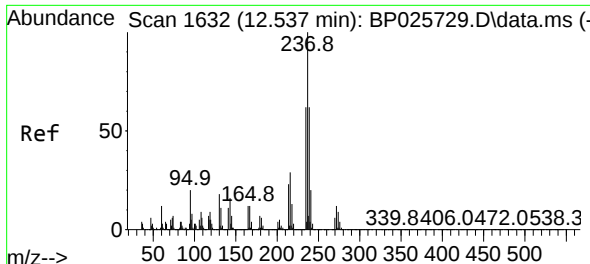
216 100

214 78.4 62.4 93.6

179 20.6 17.0 25.6

108 18.5 15.2 22.8

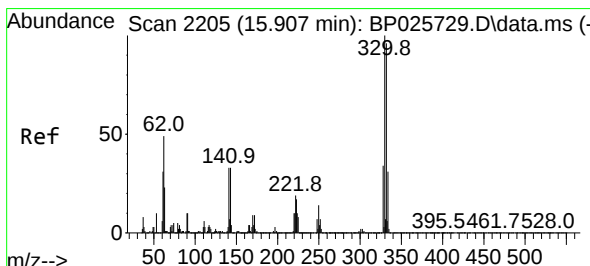
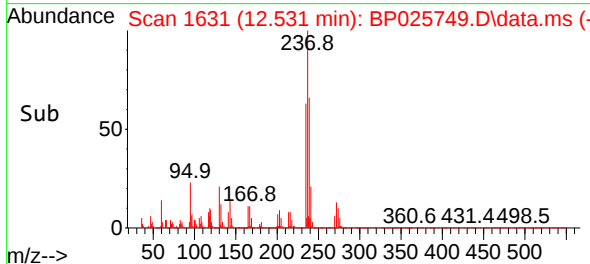
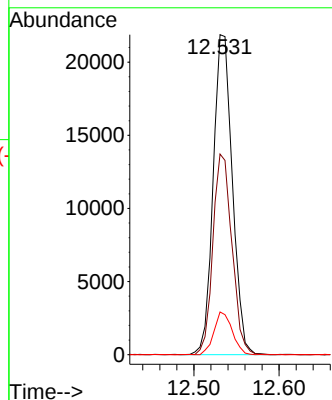
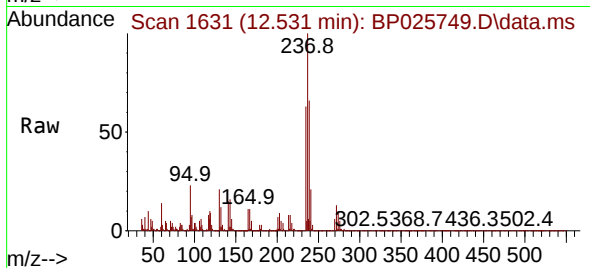




#41
Hexachlorocyclopentadiene
Concen: 5.325 ng
RT: 12.531 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

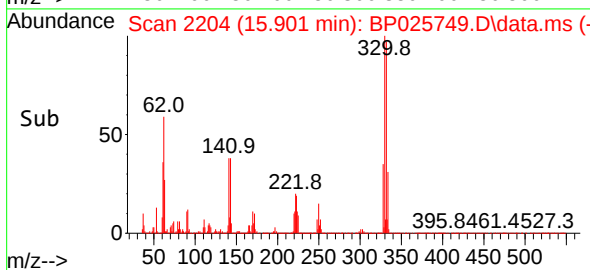
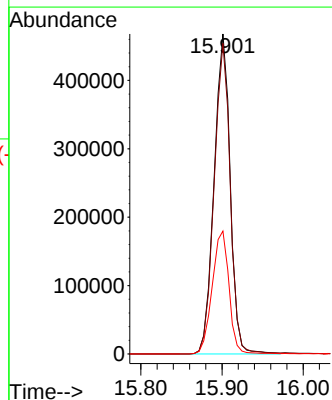
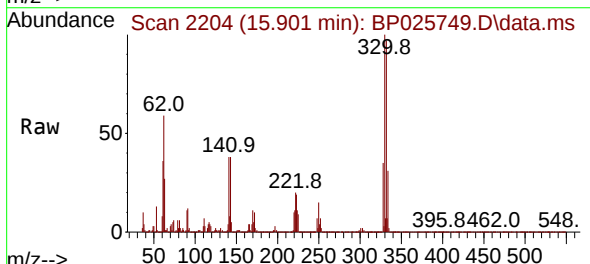
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

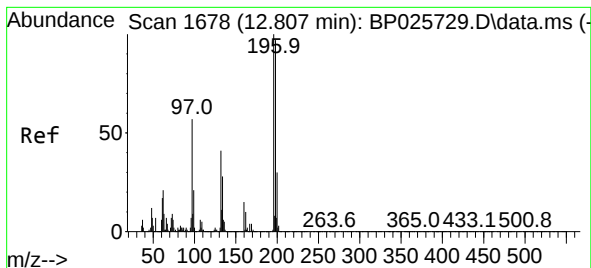
Tgt Ion:237 Resp: 34144
Ion Ratio Lower Upper
237 100
235 62.7 41.9 81.9
272 13.3 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 133.007 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:330 Resp: 644501
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 40.1 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 8.104 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

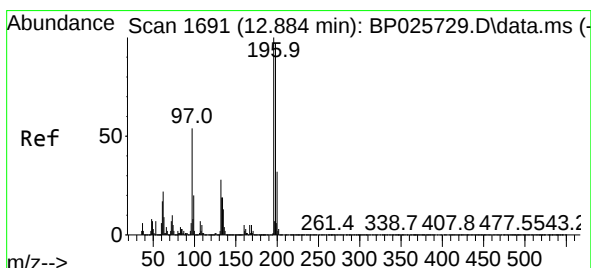
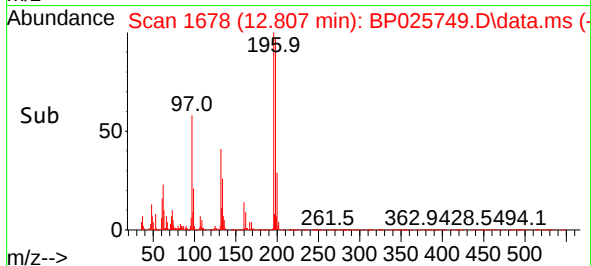
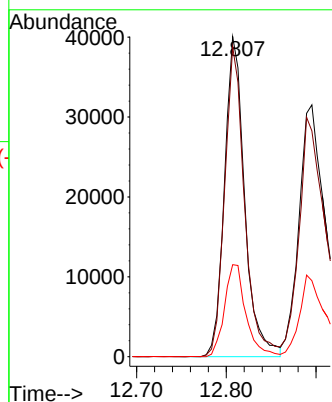
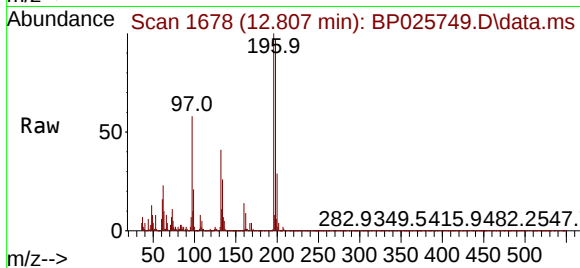
Tgt Ion:196 Resp: 62719

Ion Ratio Lower Upper

196 100

198 96.8 77.2 115.8

200 28.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 7.966 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Tgt Ion:196 Resp: 68608

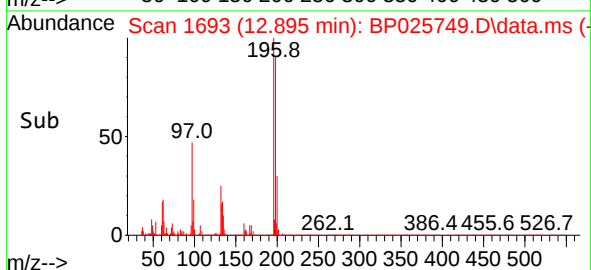
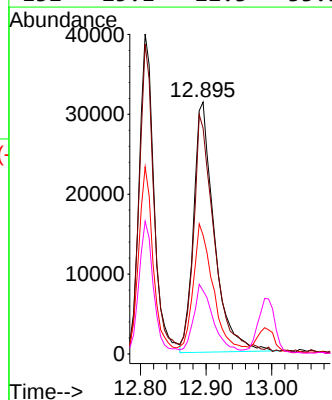
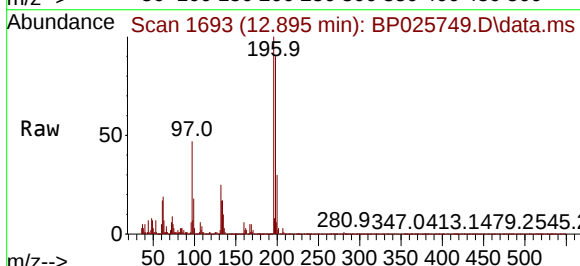
Ion Ratio Lower Upper

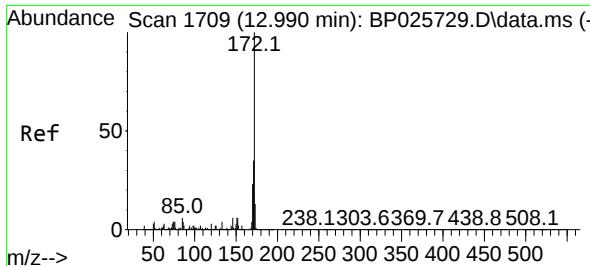
196 100

198 89.7 77.8 116.8

97 47.2 43.3 64.9

132 25.1 22.3 33.5

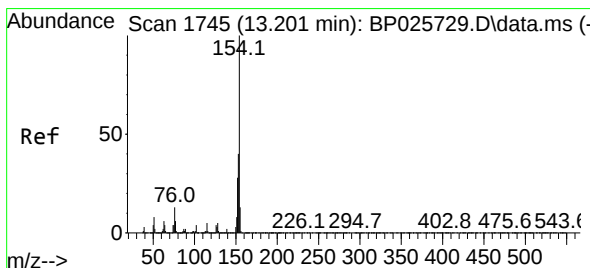
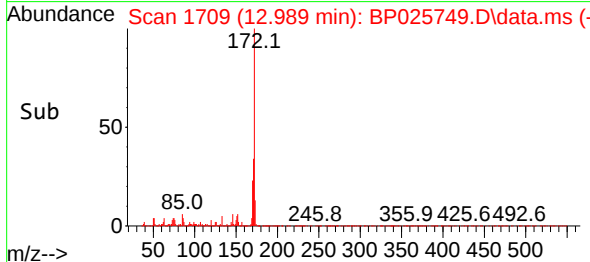
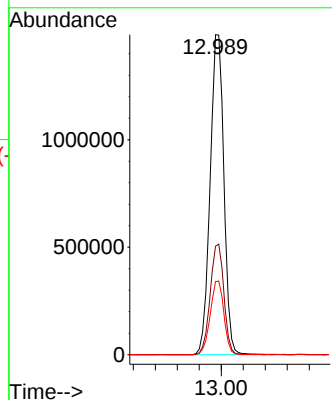
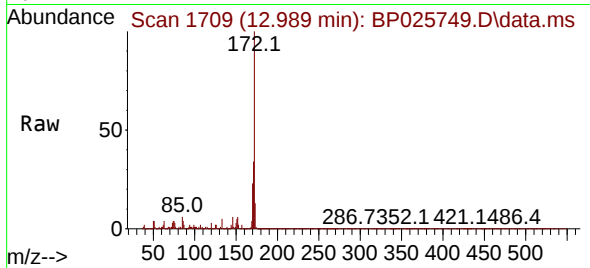




#45
2-Fluorobiphenyl
Concen: 88.630 ng
RT: 12.989 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

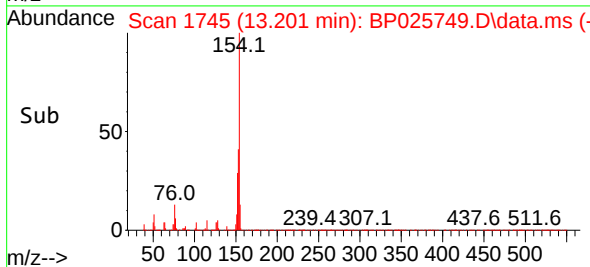
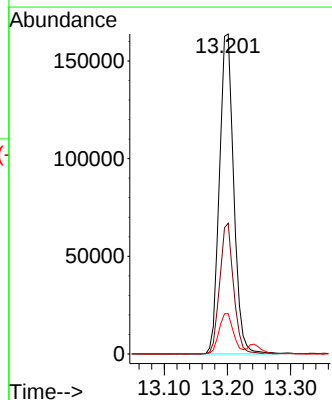
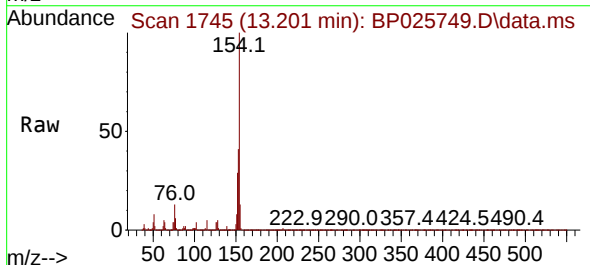
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

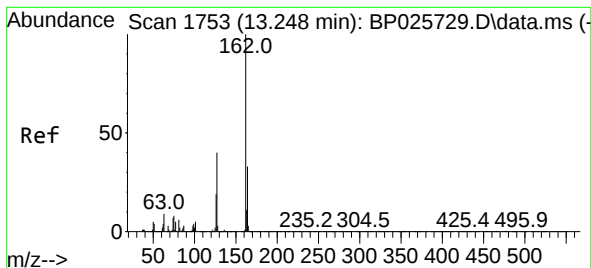
Tgt Ion:172 Resp: 2585910
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.6
170 22.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 9.075 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:154 Resp: 258771
Ion Ratio Lower Upper
154 100
153 40.9 19.7 59.7
76 12.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 8.995 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

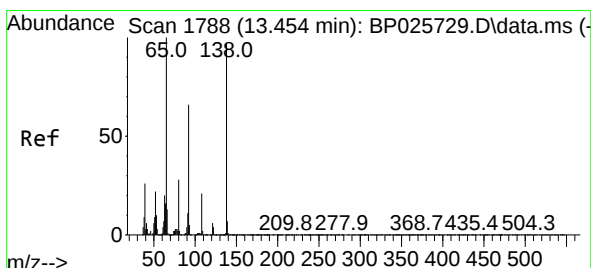
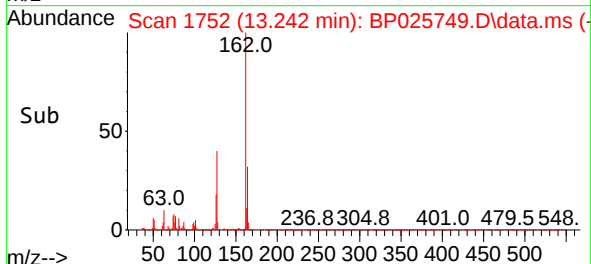
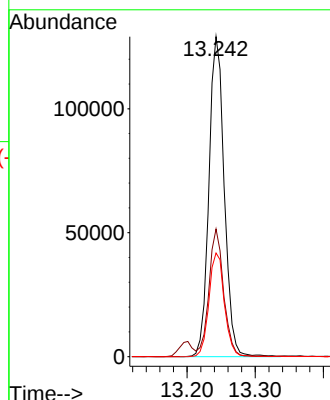
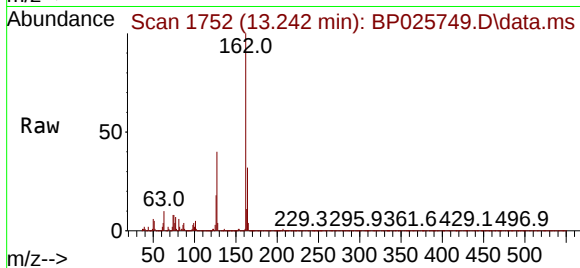
Tgt Ion:162 Resp: 201953

Ion Ratio Lower Upper

162 100

127 39.9 32.2 48.4

164 32.4 26.5 39.7



#48

2-Nitroaniline

Concen: 7.660 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

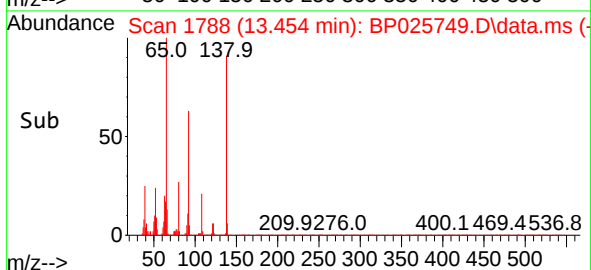
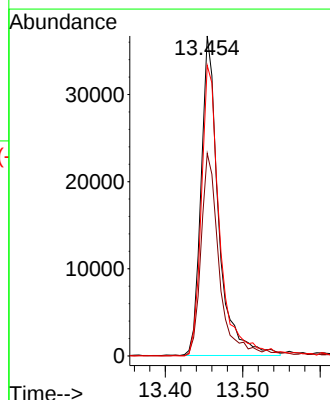
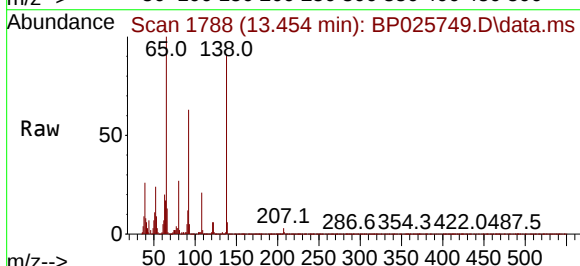
Tgt Ion: 65 Resp: 57334

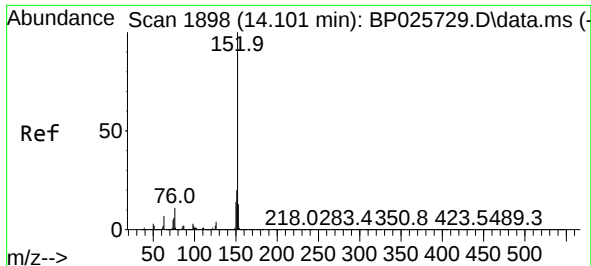
Ion Ratio Lower Upper

65 100

92 63.3 53.1 79.7

138 90.8 77.8 116.8

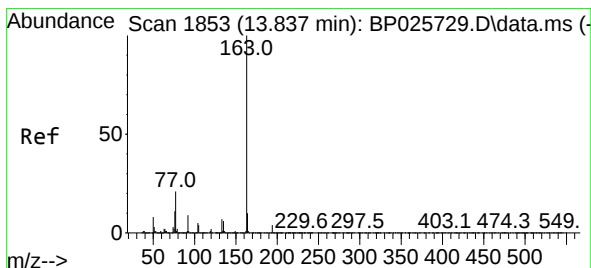
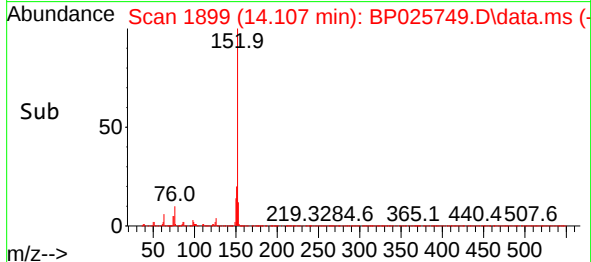
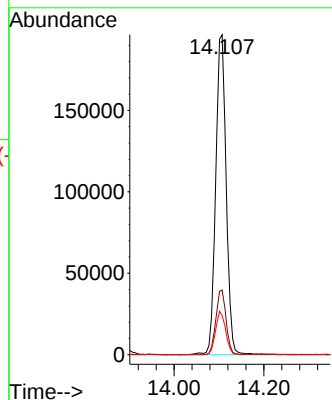
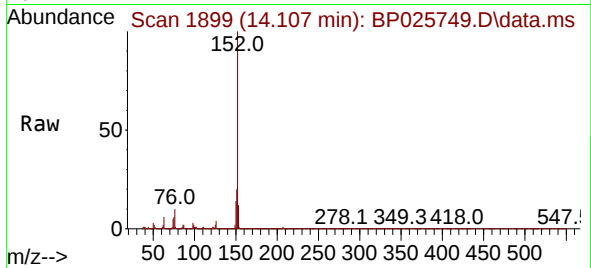




#49
Acenaphthylene
Concen: 8.553 ng
RT: 14.107 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

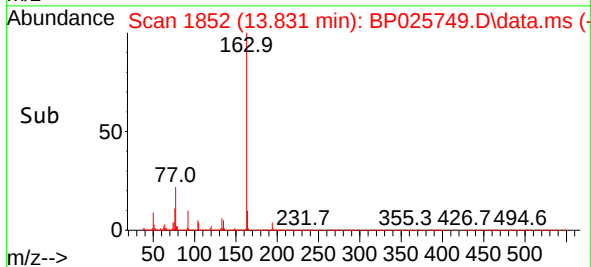
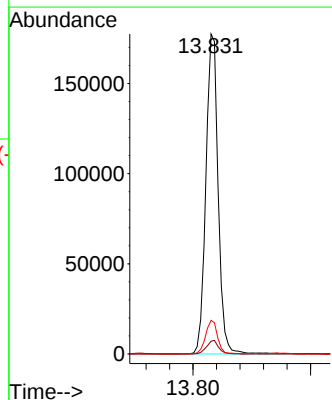
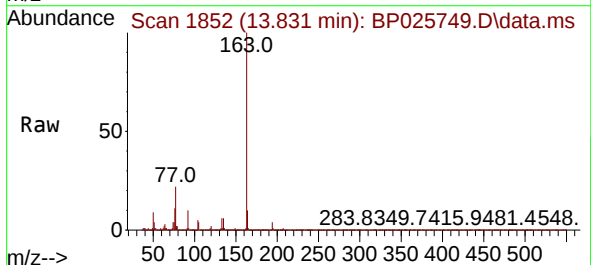
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

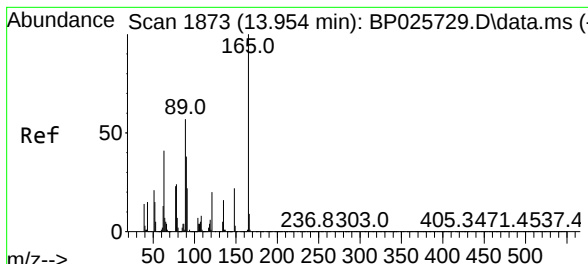
Tgt Ion:152 Resp: 318189
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 12.2 10.5 15.7



#50
Dimethylphthalate
Concen: 8.635 ng
RT: 13.831 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:163 Resp: 256116
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.2 12.2

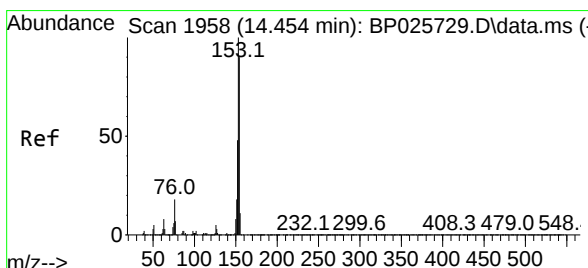
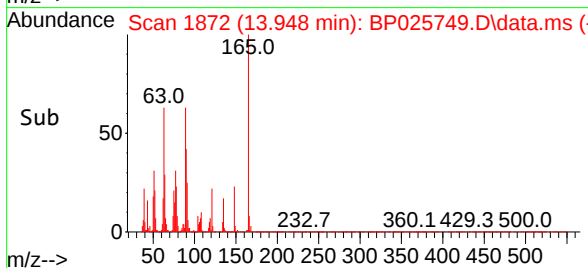
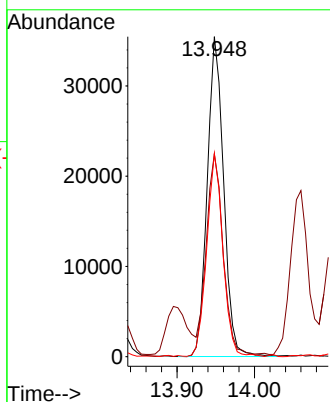
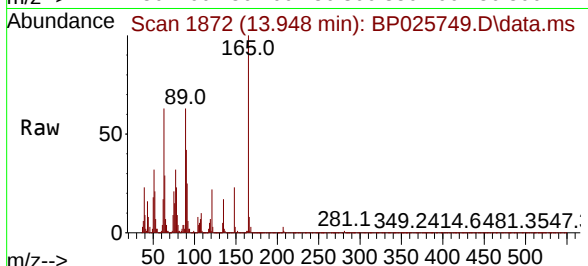




#51
2,6-Dinitrotoluene
Concen: 8.286 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

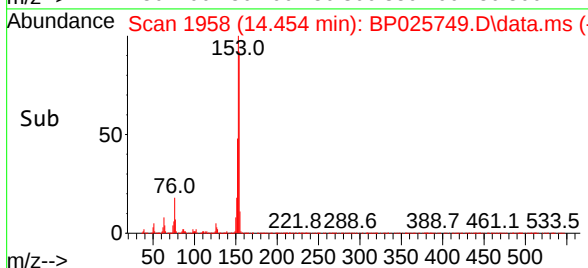
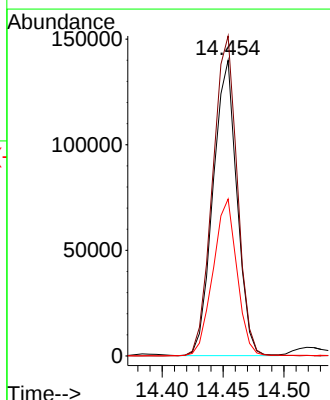
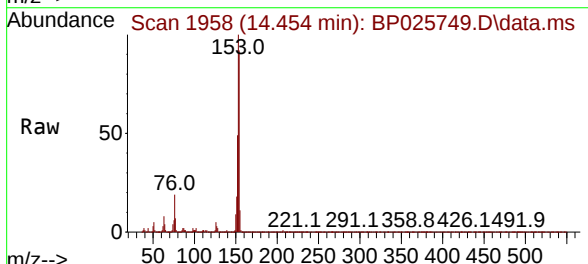
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2025

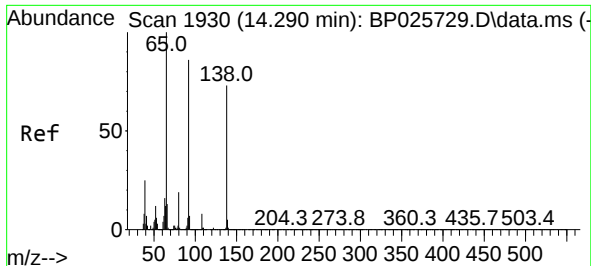
Tgt Ion:	165	Resp:	52066
Ion Ratio	Lower	Upper	
165	100		
63	63.4	48.1	72.1
89	63.5	45.4	68.0



#52
Acenaphthene
Concen: 8.917 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:	154	Resp:	191301
Ion Ratio	Lower	Upper	
154	100		
153	108.2	89.4	134.0
152	53.1	42.5	63.7

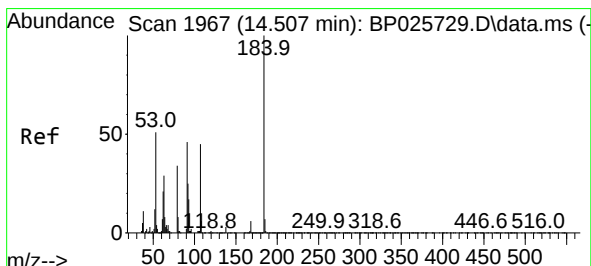
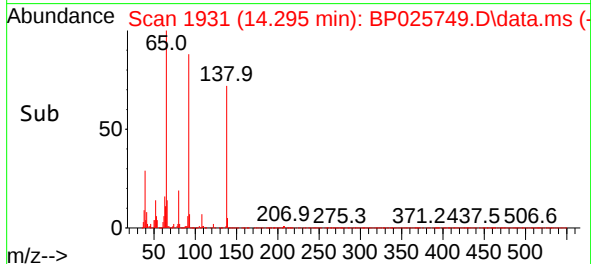
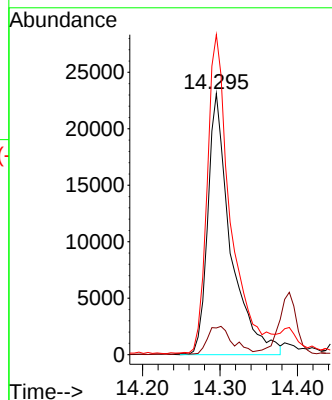
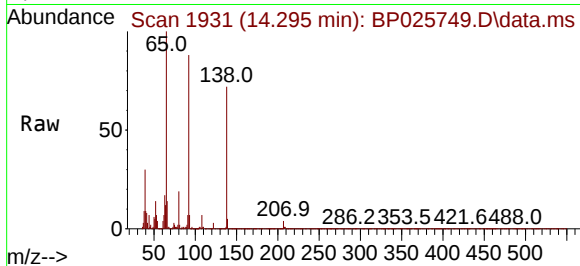




#53
3-Nitroaniline
Concen: 7.158 ng
RT: 14.295 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

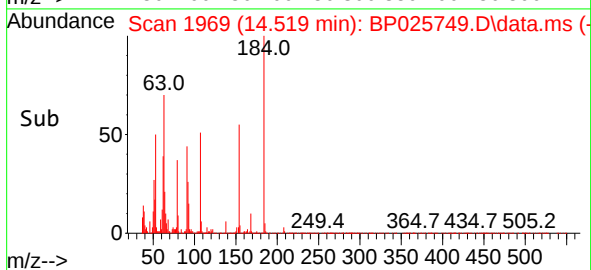
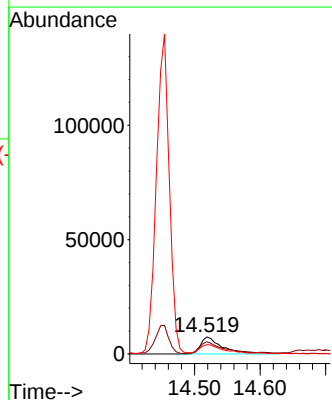
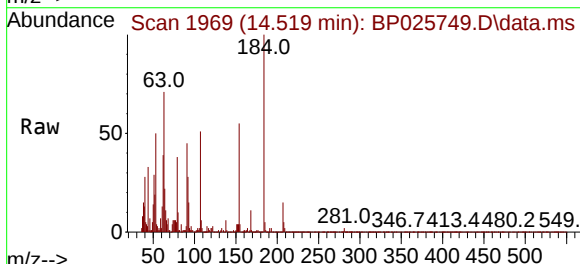
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

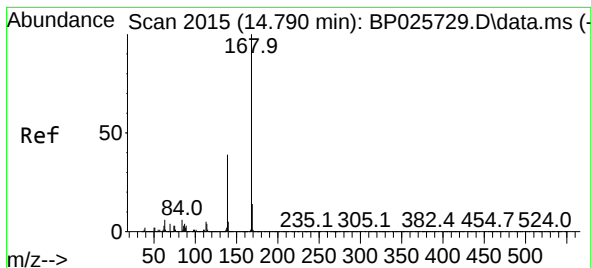
Tgt Ion:138 Resp: 47299
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 122.5 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 8.943 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.012 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:184 Resp: 17905
Ion Ratio Lower Upper
184 100
63 71.4 52.5 78.7
154 55.2 51.5 77.3





#55

Dibenzofuran

Concen: 8.861 ng

RT: 14.789 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

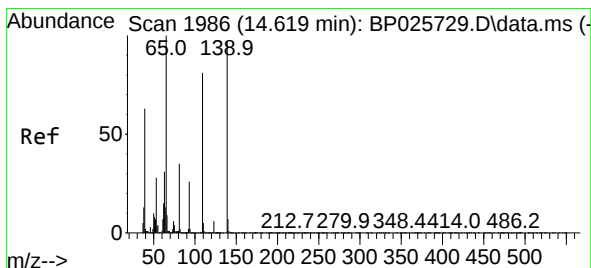
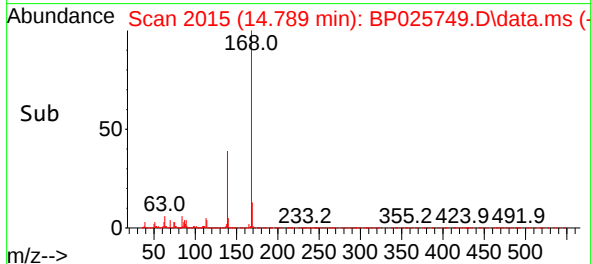
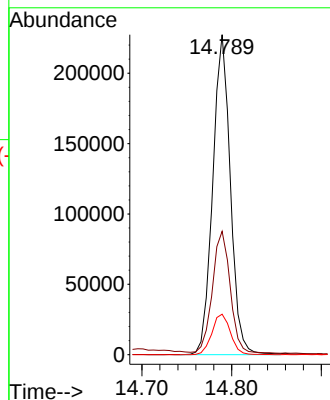
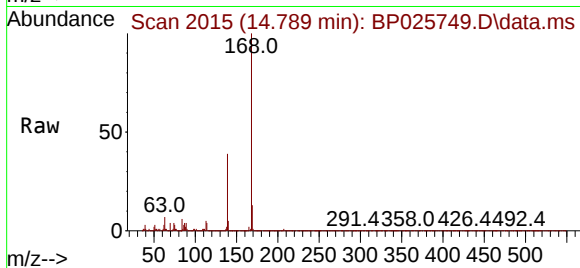
Tgt Ion:168 Resp: 309822

Ion Ratio Lower Upper

168 100

139 38.5 31.7 47.5

169 12.6 10.8 16.2



#56

4-Nitrophenol

Concen: 8.100 ng m

RT: 14.660 min Scan# 1993

Delta R.T. 0.041 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

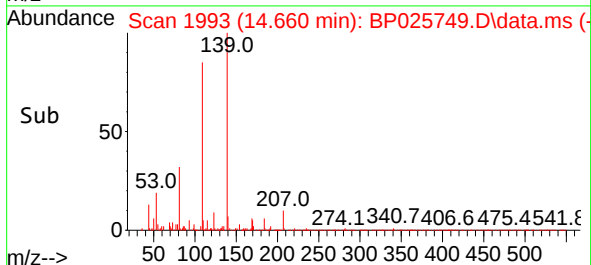
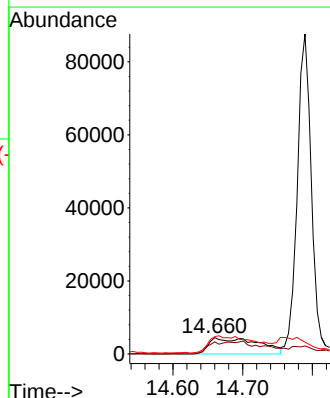
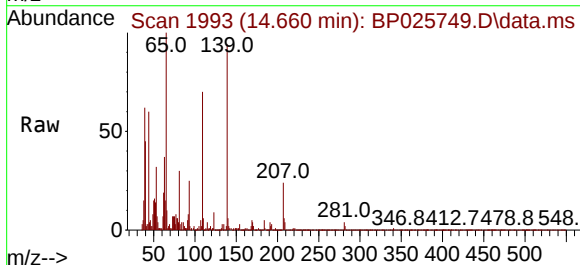
Tgt Ion:139 Resp: 21809

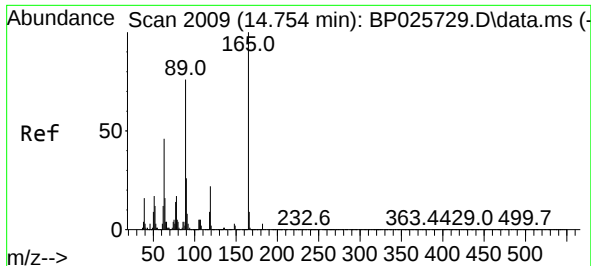
Ion Ratio Lower Upper

139 100

109 74.4 62.9 102.9

65 106.2 83.4 123.4

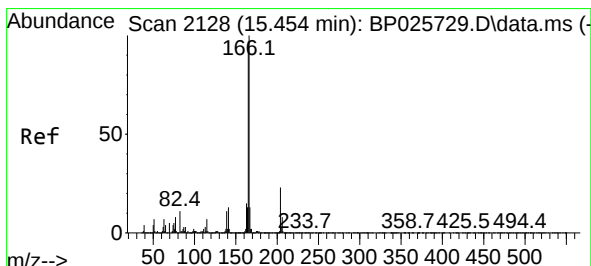
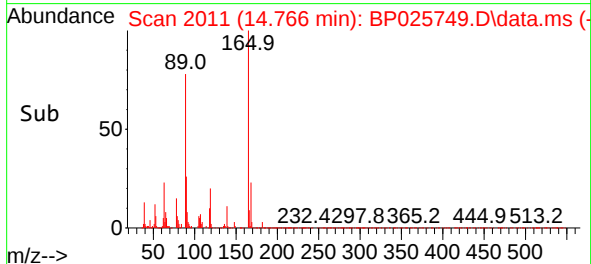
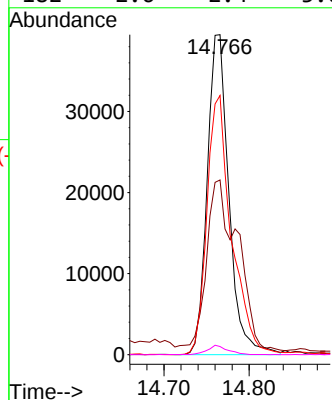
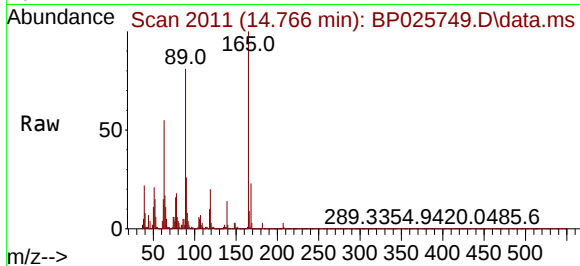




#57
2,4-Dinitrotoluene
Concen: 7.805 ng
RT: 14.766 min Scan# 2009
Delta R.T. 0.012 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

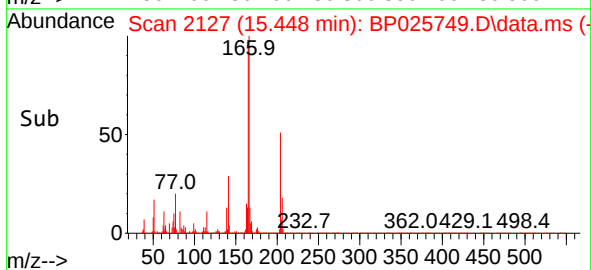
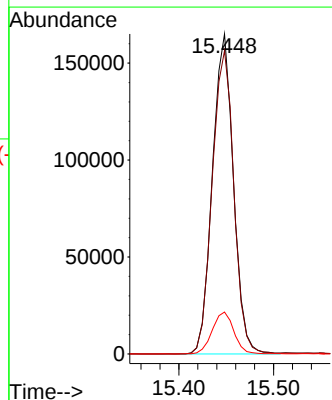
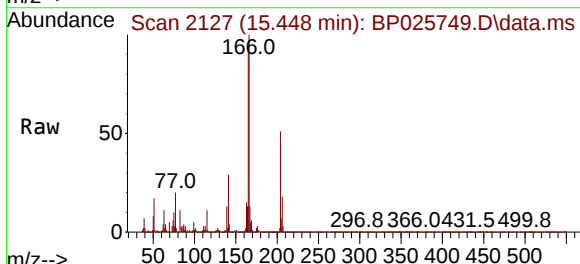
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

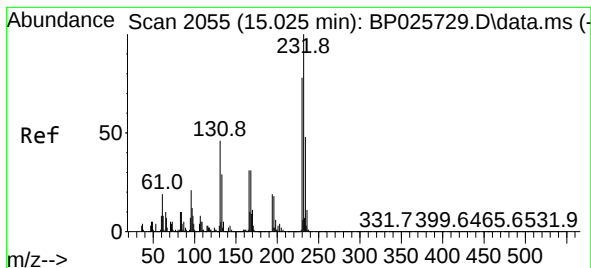
Tgt Ion:	165	Resp:	69802
Ion	Ratio	Lower	Upper
165	100		
63	54.6	37.7	56.5
89	81.0	61.0	91.6
182	2.6	2.4	3.6



#58
Fluorene
Concen: 9.146 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:	166	Resp:	254310
Ion	Ratio	Lower	Upper
166	100		
165	94.7	77.7	116.5
167	13.1	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.055 ng

RT: 15.025 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion:232 Resp: 62494

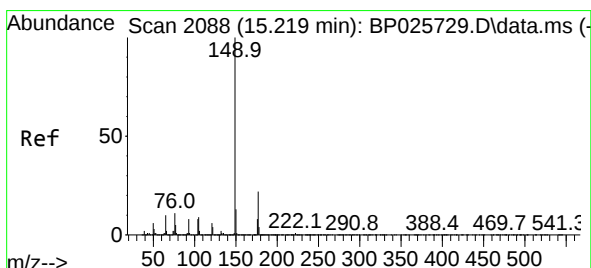
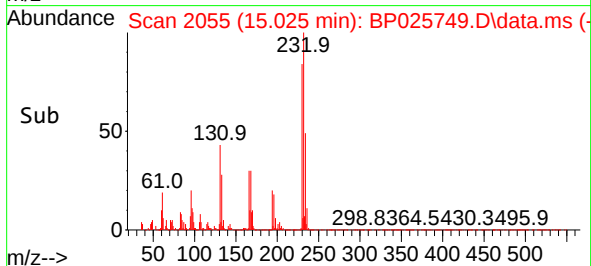
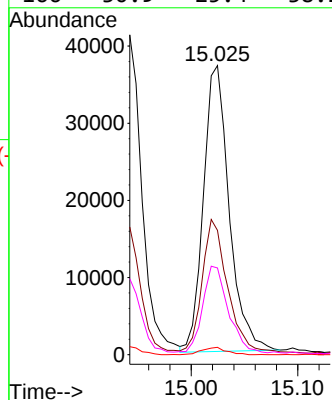
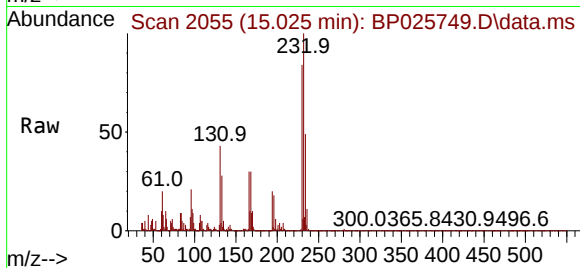
Ion Ratio Lower Upper

232 100

131 47.1 36.7 55.1

130 2.4 2.0 3.0

166 30.9 25.4 38.2



#60

Diethylphthalate

Concen: 8.522 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

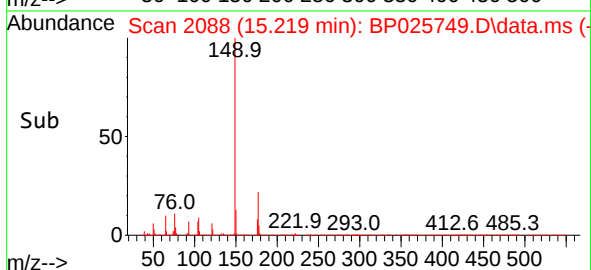
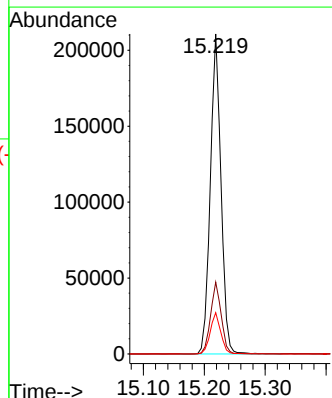
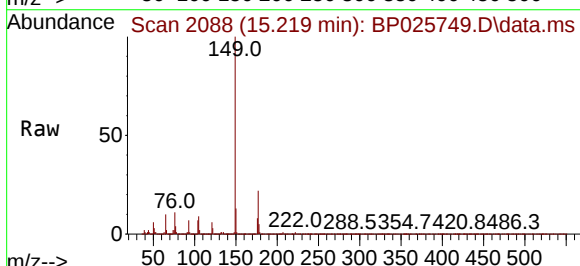
Tgt Ion:149 Resp: 256401

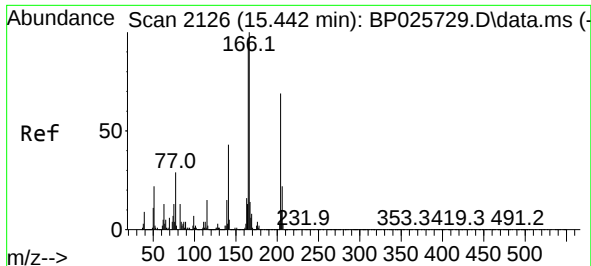
Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

150 12.9 10.0 15.0

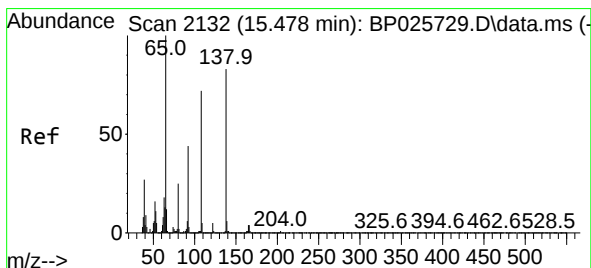
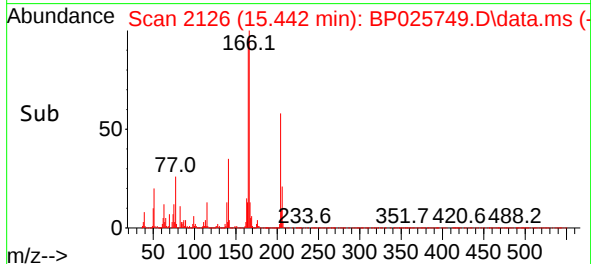
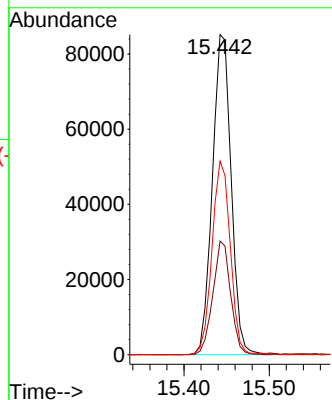
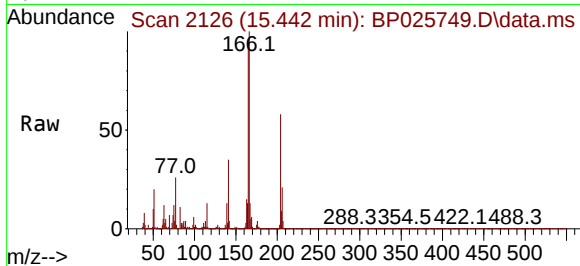




#61
4-Chlorophenyl-phenylether
Concen: 9.315 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

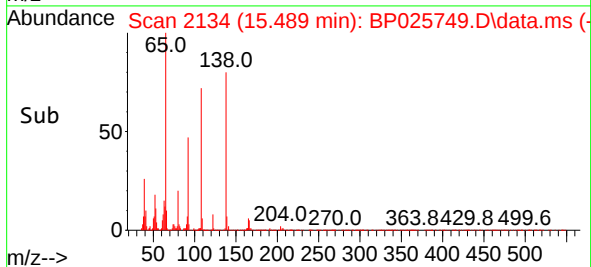
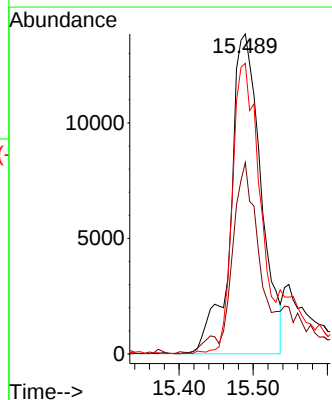
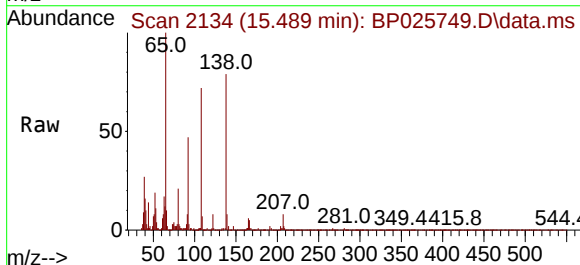
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

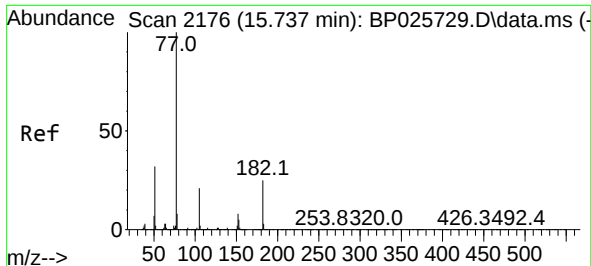
Tgt Ion:204 Resp: 130531
Ion Ratio Lower Upper
204 100
206 35.5 26.0 39.0
141 60.4 49.7 74.5



#62
4-Nitroaniline
Concen: 5.826 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:138 Resp: 39443
Ion Ratio Lower Upper
138 100
92 59.8 33.3 73.3
108 90.8 66.7 106.7

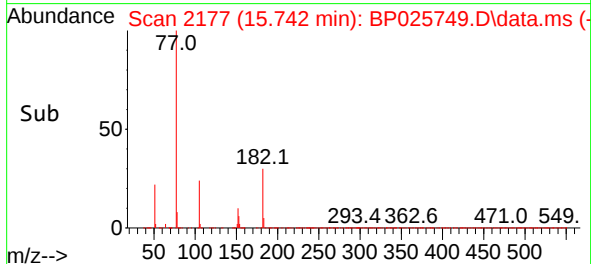
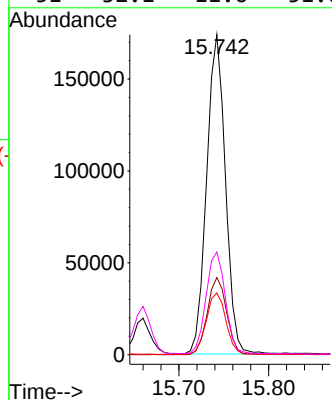
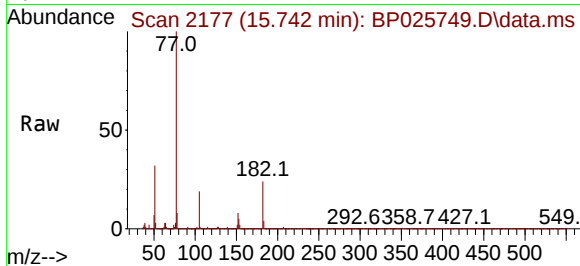




#63
Azobenzene
Concen: 8.698 ng
RT: 15.742 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

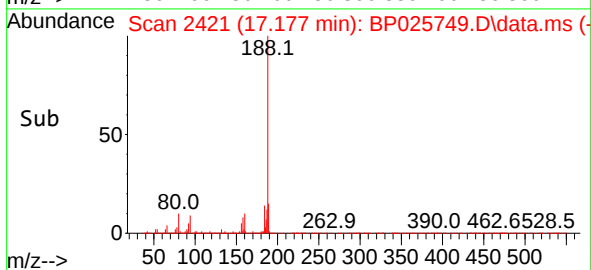
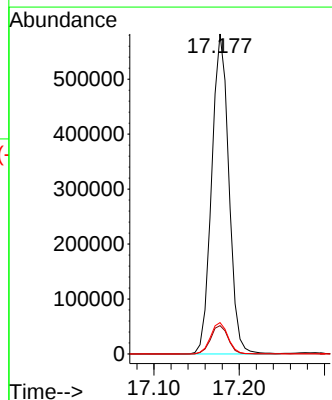
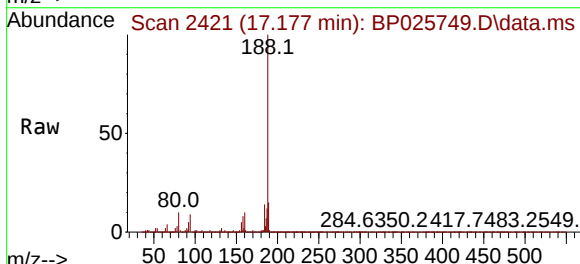
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

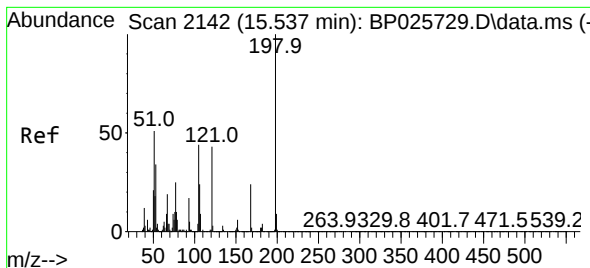
Tgt Ion: 77	Resp: 253031
Ion Ratio	Lower Upper
77 100	
182 24.1	5.2 45.2
105 19.3	1.1 41.1
51 32.1	11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.177 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:188	Resp: 814972
Ion Ratio	Lower Upper
188 100	
94 8.9	7.4 11.0
80 9.8	7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 6.126 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

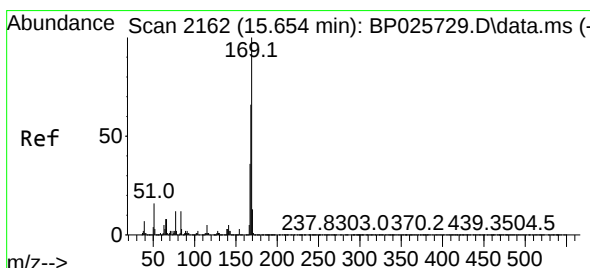
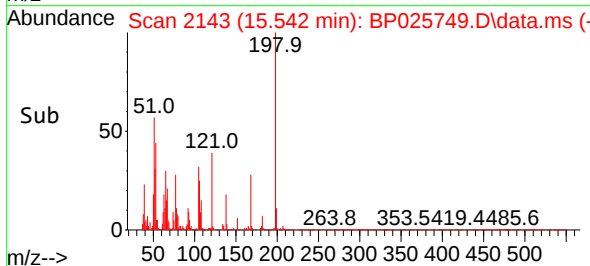
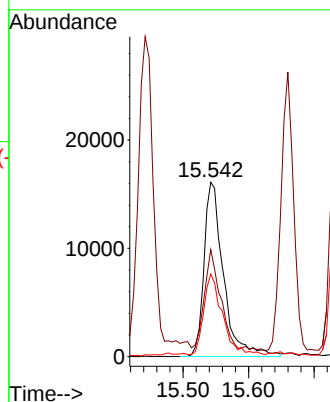
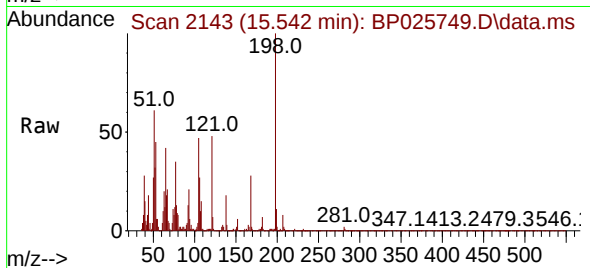
Tgt Ion:198 Resp: 33201

Ion Ratio Lower Upper

198 100

51 61.4 33.4 73.4

105 47.3 24.3 64.3



#66

n-Nitrosodiphenylamine

Concen: 8.922 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

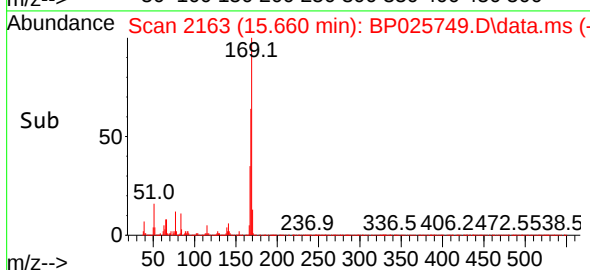
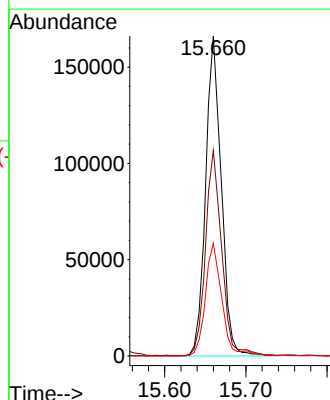
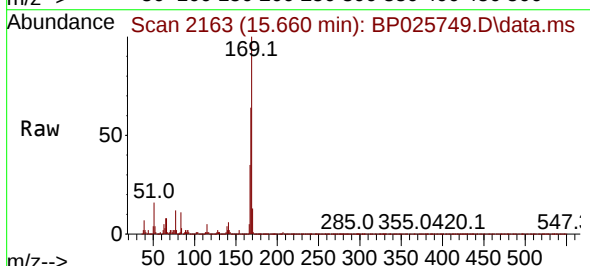
Tgt Ion:169 Resp: 222527

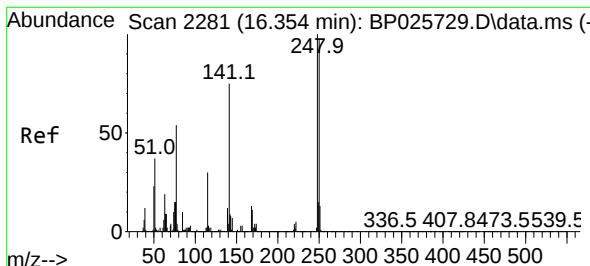
Ion Ratio Lower Upper

169 100

168 64.3 52.6 78.8

167 35.2 28.5 42.7

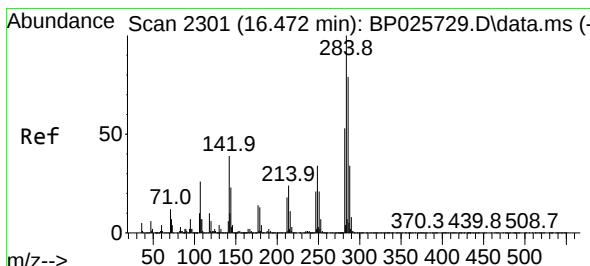
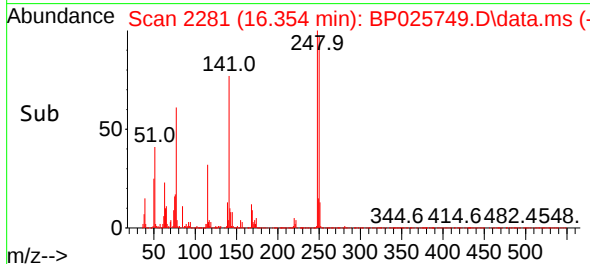
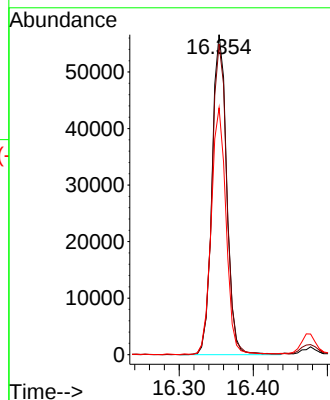
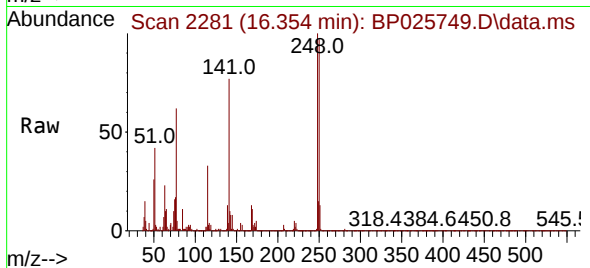




#67
4-Bromophenyl-phenylether
Concen: 8.692 ng
RT: 16.354 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

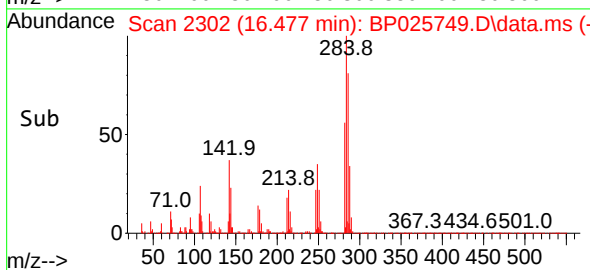
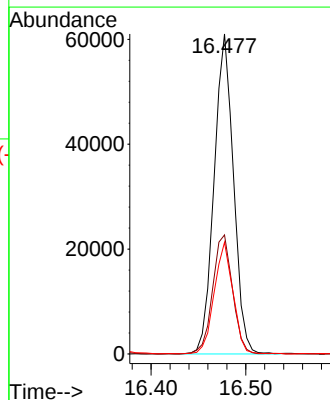
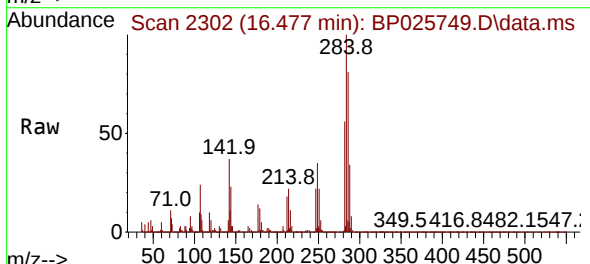
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

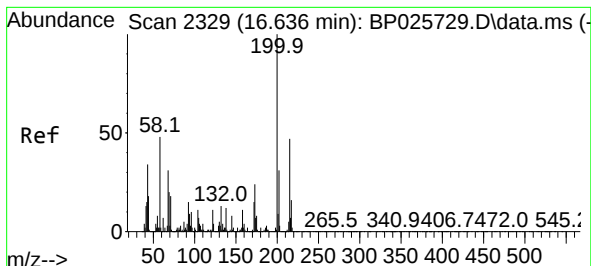
Tgt Ion:248 Resp: 77820
Ion Ratio Lower Upper
248 100
250 97.1 77.5 116.3
141 77.2 60.2 90.4



#68
Hexachlorobenzene
Concen: 8.708 ng
RT: 16.477 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:284 Resp: 86948
Ion Ratio Lower Upper
284 100
142 37.2 31.3 46.9
249 34.9 27.3 40.9





#69

Atrazine

Concen: 8.236 ng

RT: 16.636 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

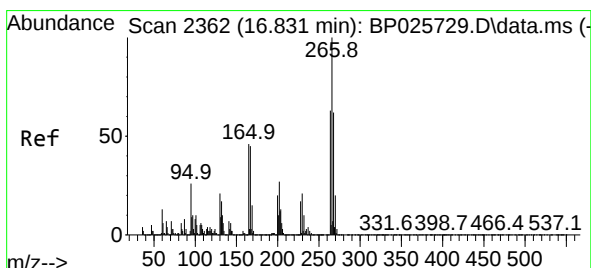
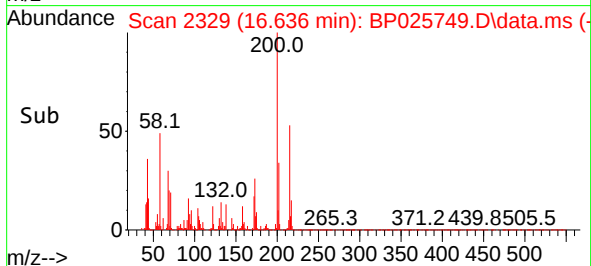
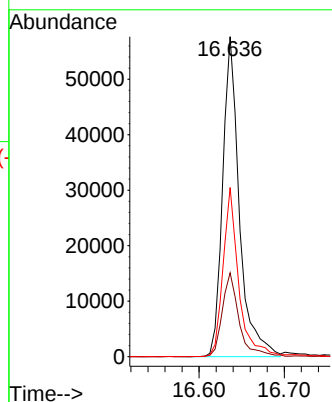
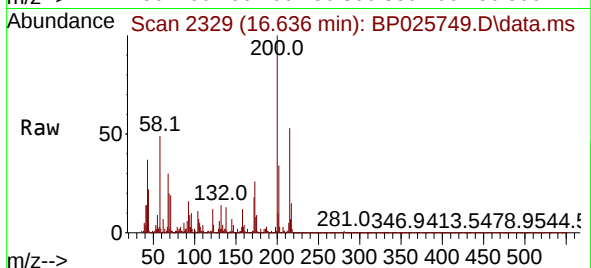
Tgt Ion:200 Resp: 78512

Ion Ratio Lower Upper

200 100

173 26.2 4.2 44.2

215 52.9 27.3 67.3



#70

Pentachlorophenol

Concen: 7.275 ng

RT: 16.842 min Scan# 2364

Delta R.T. 0.012 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

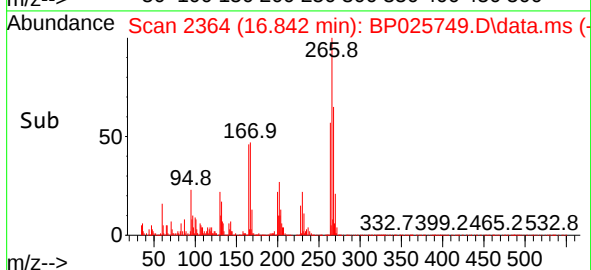
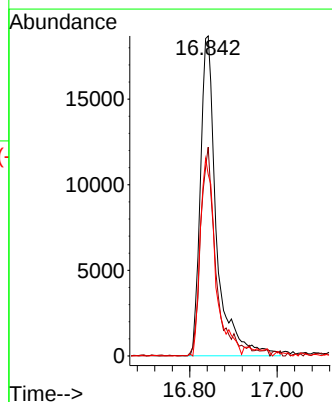
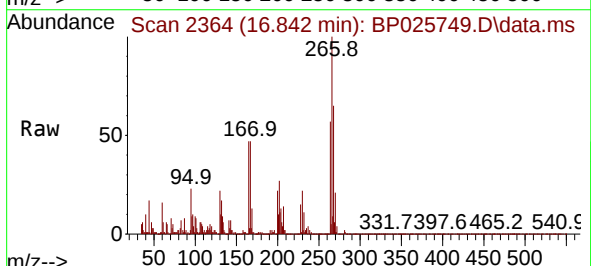
Tgt Ion:266 Resp: 47937

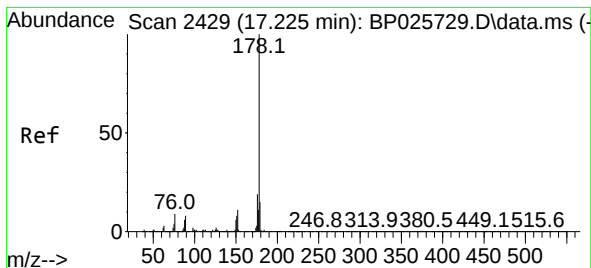
Ion Ratio Lower Upper

266 100

268 65.2 49.8 74.8

264 56.7 50.2 75.2





#71

Phenanthrene

Concen: 9.015 ng

RT: 17.219 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

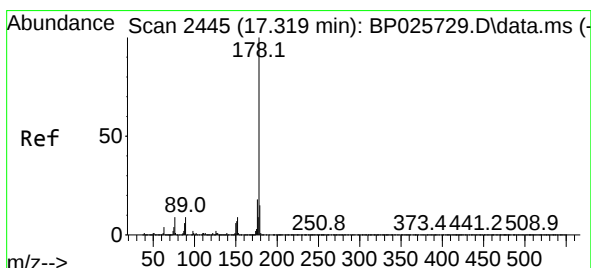
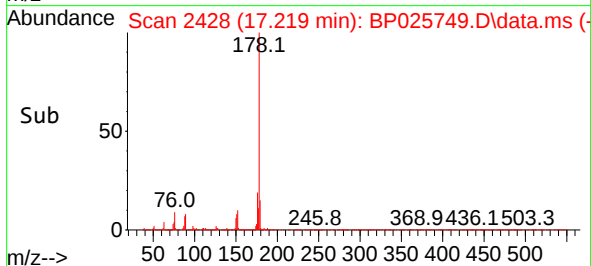
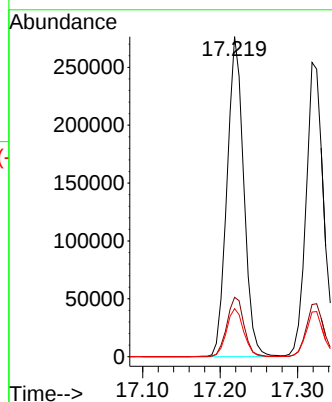
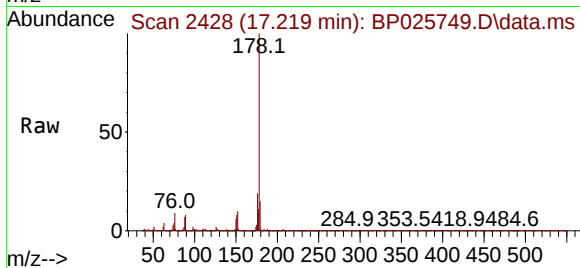
Tgt Ion:178 Resp: 416749

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.0 12.2 18.4



#72

Anthracene

Concen: 8.687 ng

RT: 17.319 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

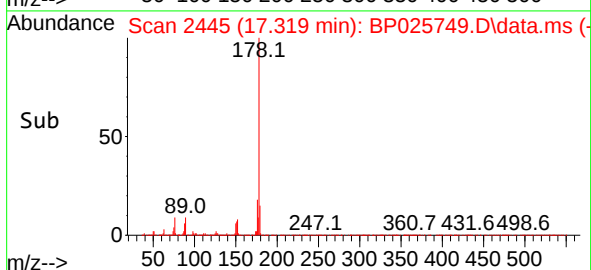
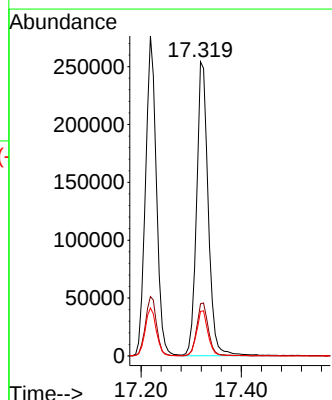
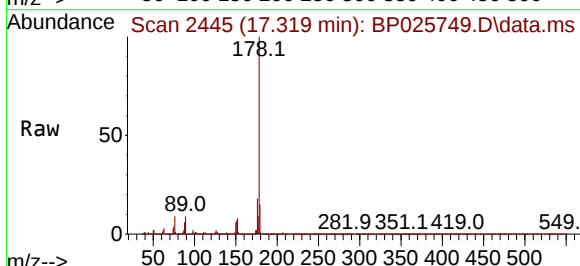
Tgt Ion:178 Resp: 407483

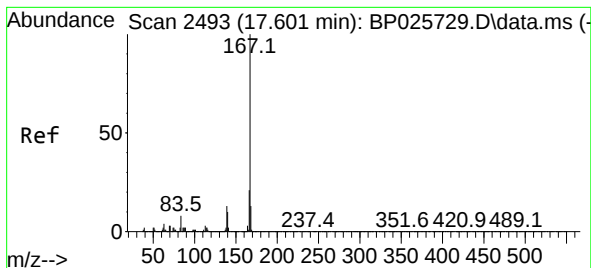
Ion Ratio Lower Upper

178 100

176 17.7 14.8 22.2

179 15.2 12.2 18.4





#73

Carbazole

Concen: 8.474 ng

RT: 17.601 min Scan# 2493

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

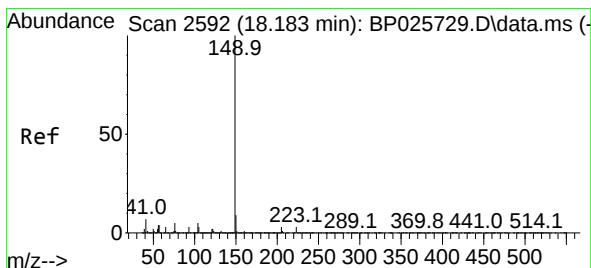
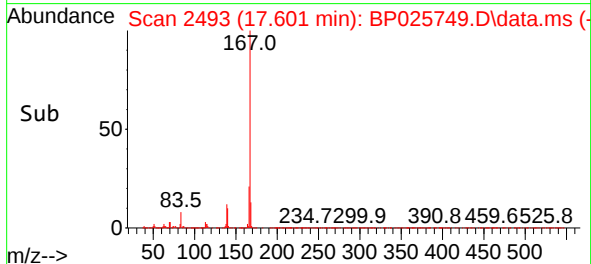
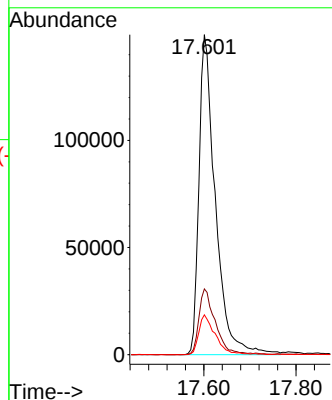
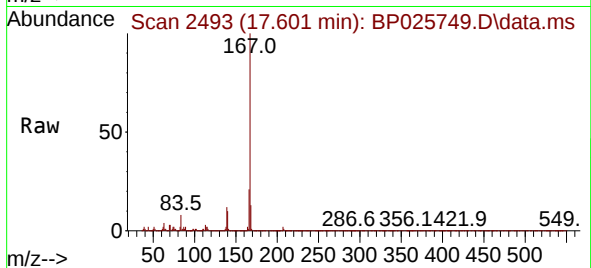
Tgt Ion:167 Resp: 369519

Ion Ratio Lower Upper

167 100

166 20.5 17.0 25.4

139 12.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 8.341 ng

RT: 18.183 min Scan# 2592

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

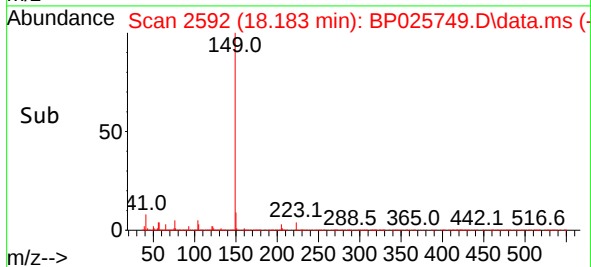
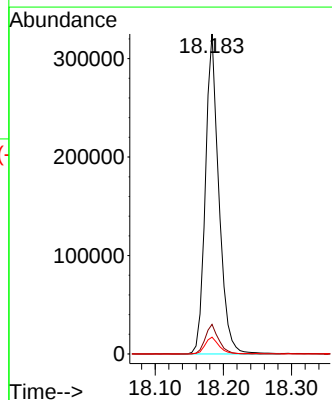
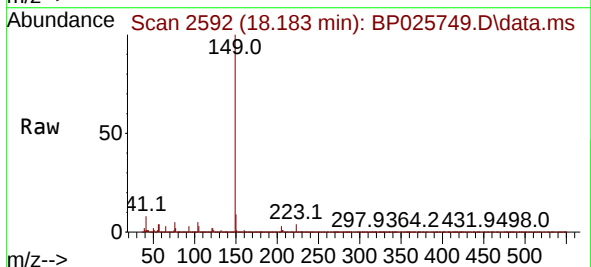
Tgt Ion:149 Resp: 446369

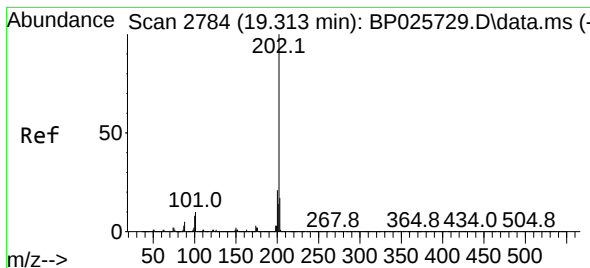
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.3 4.3 6.5

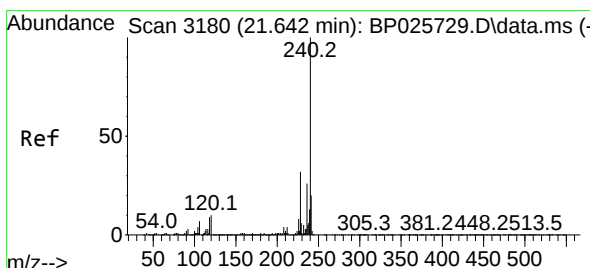
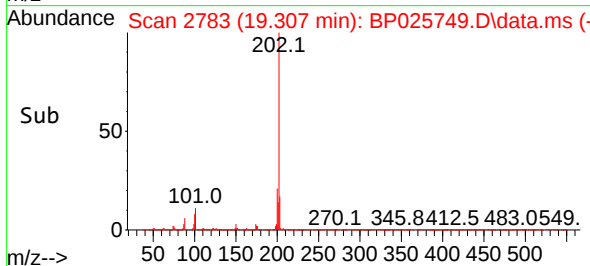
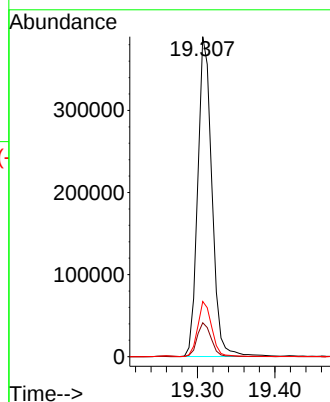
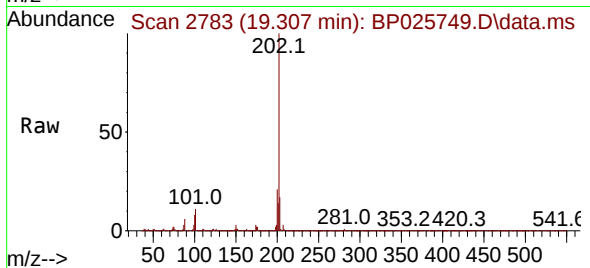




#75
Fluoranthene
Concen: 8.926 ng
RT: 19.307 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

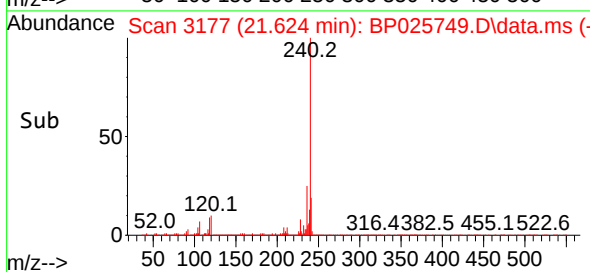
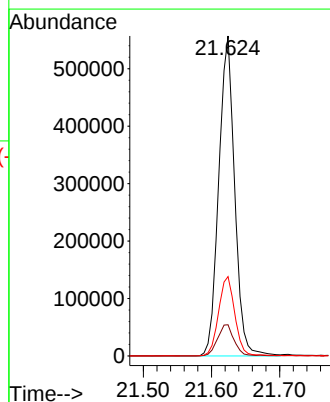
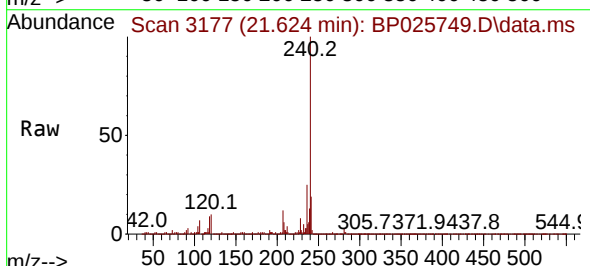
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

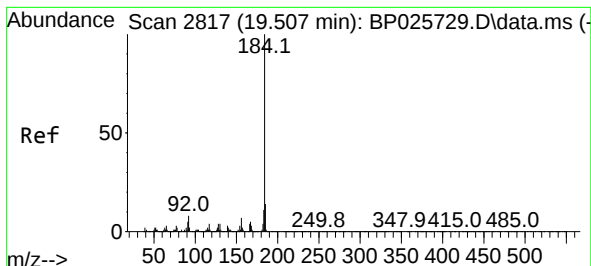
Tgt Ion:202 Resp: 494898
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.018 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:240 Resp: 906043
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.8 20.7 31.1





#77

Benzidine

Concen: 7.679 ng

RT: 19.518 min Scan# 2819

Delta R.T. 0.012 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

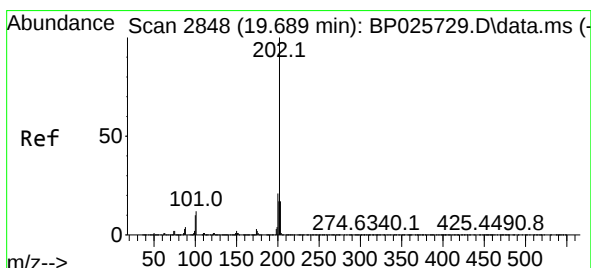
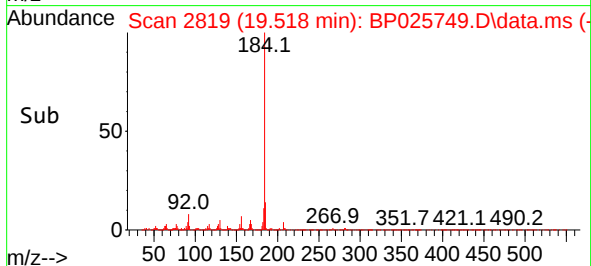
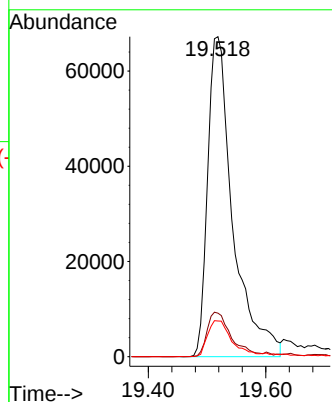
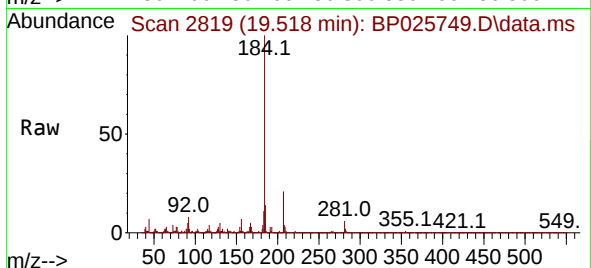
Tgt Ion:184 Resp: 200419

Ion Ratio Lower Upper

184 100

185 13.6 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 8.563 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

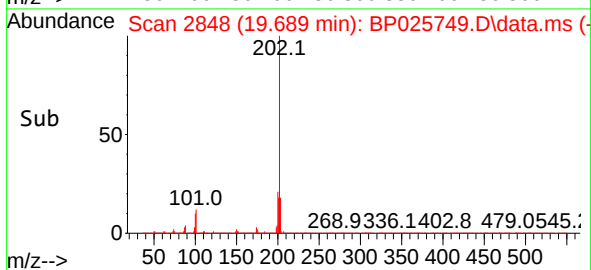
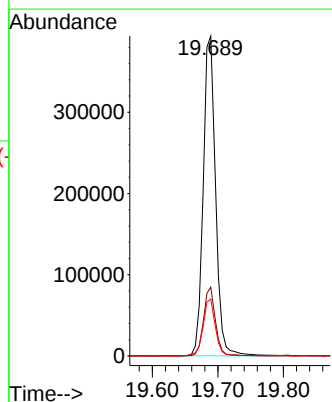
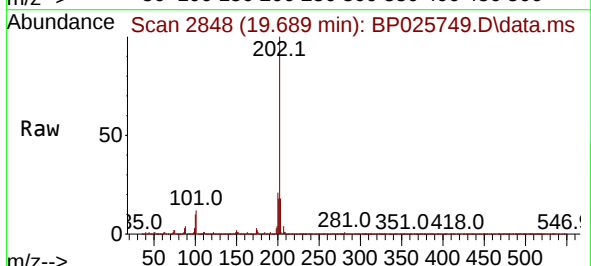
Tgt Ion:202 Resp: 517657

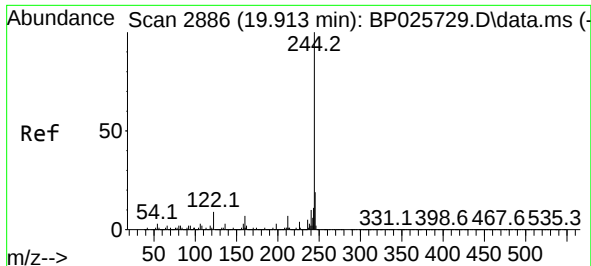
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.8 13.9 20.9

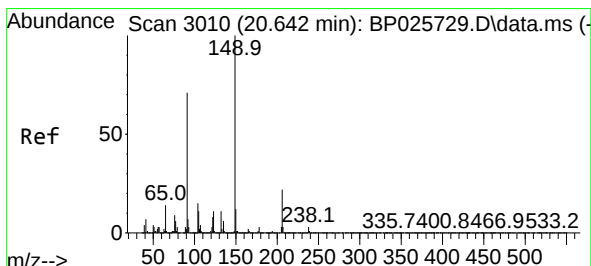
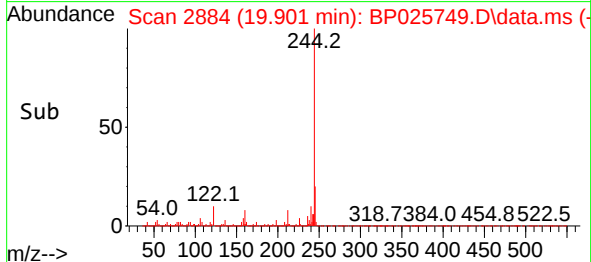
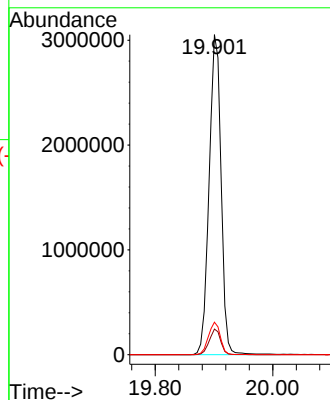
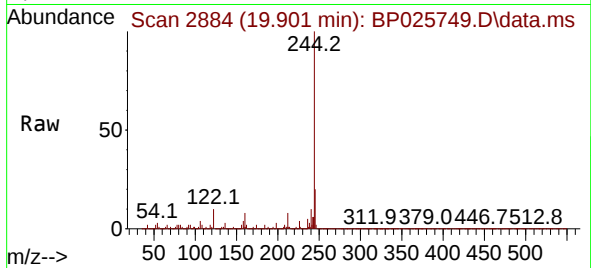




#79
 Terphenyl-d14
 Concen: 85.308 ng
 RT: 19.901 min Scan# 2884
 Delta R.T. -0.012 min
 Lab File: BP025749.D
 Acq: 15 Sep 2025 12:29

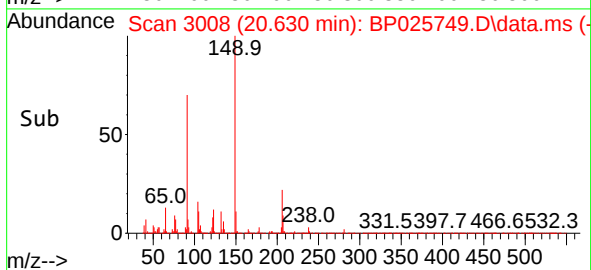
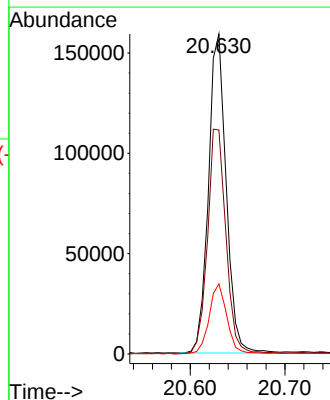
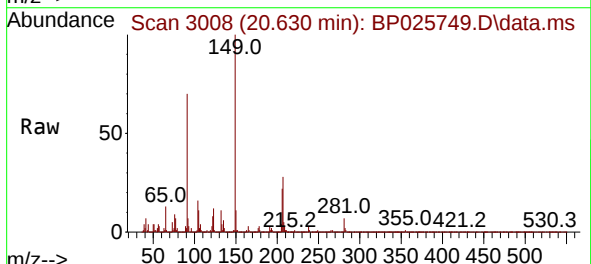
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

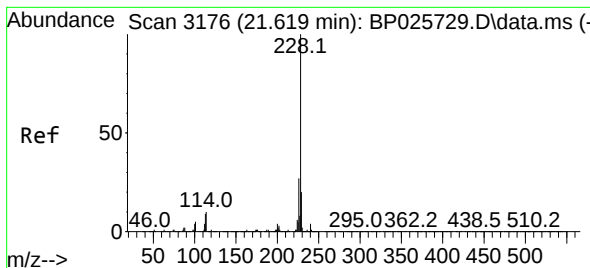
Tgt Ion:244 Resp: 4296483
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 10.2 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 7.800 ng
 RT: 20.630 min Scan# 3008
 Delta R.T. -0.012 min
 Lab File: BP025749.D
 Acq: 15 Sep 2025 12:29

Tgt Ion:149 Resp: 206764
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.6 85.0
 206 21.9 17.4 26.0





#81

Benzo(a)anthracene

Concen: 8.606 ng

RT: 21.601 min Scan# 3176

Delta R.T. -0.018 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

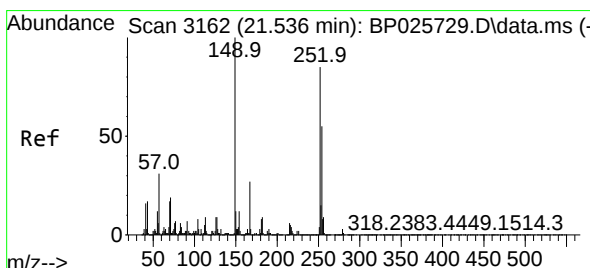
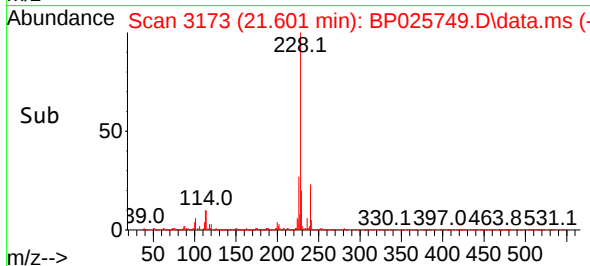
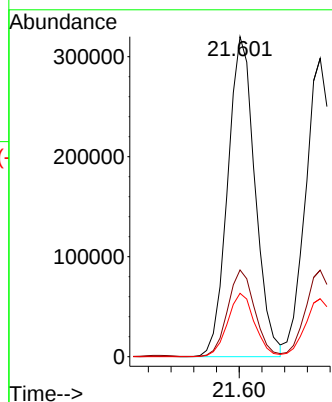
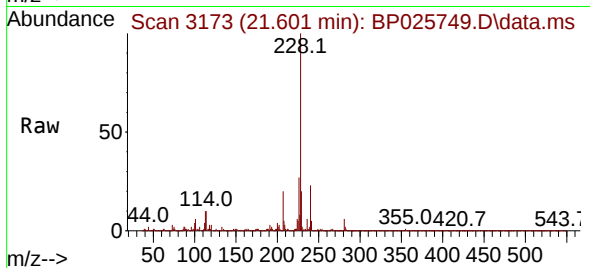
Tgt Ion:228 Resp: 533841

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 7.918 ng

RT: 21.524 min Scan# 3160

Delta R.T. -0.012 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

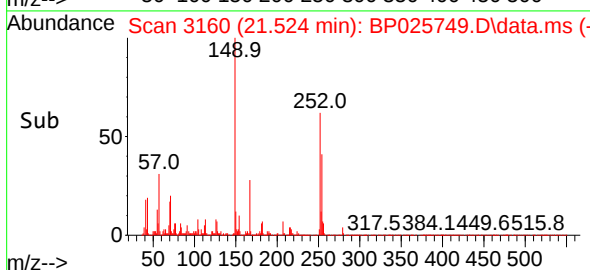
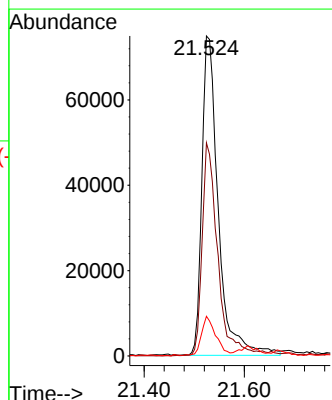
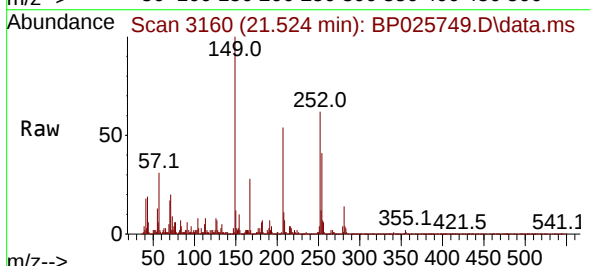
Tgt Ion:252 Resp: 169820

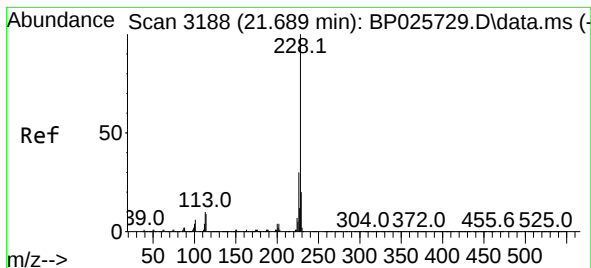
Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.0

126 12.4 8.3 12.5





#83

Chrysene

Concen: 8.836 ng

RT: 21.671 min Scan# 3185

Delta R.T. -0.018 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

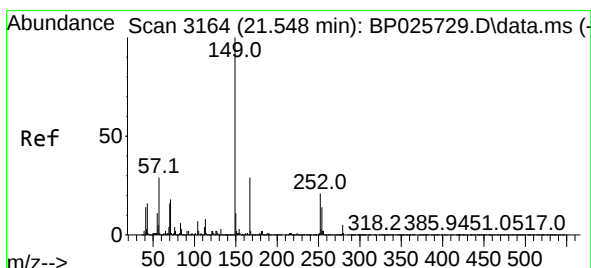
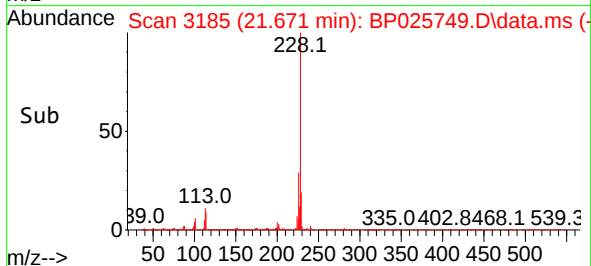
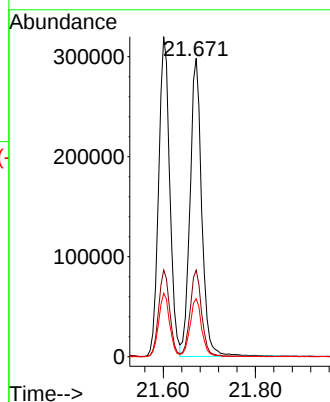
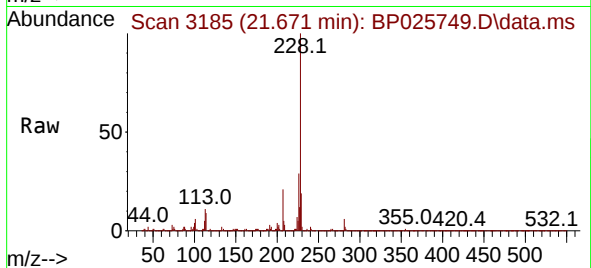
Tgt Ion:228 Resp: 522474

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.849 ng

RT: 21.536 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

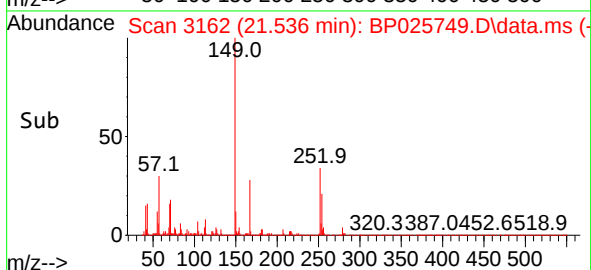
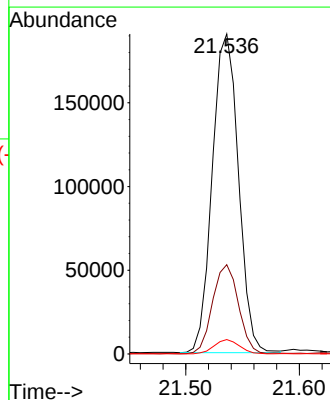
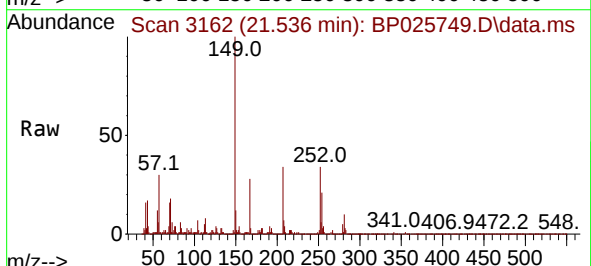
Tgt Ion:149 Resp: 304389

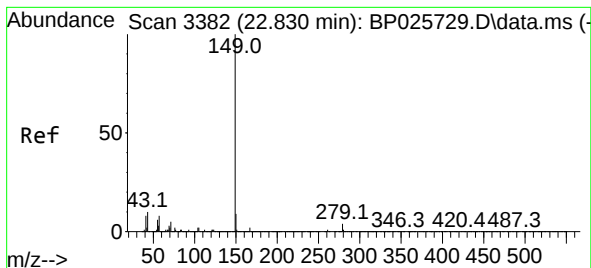
Ion Ratio Lower Upper

149 100

167 27.9 22.9 34.3

279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 7.340 ng

RT: 22.807 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

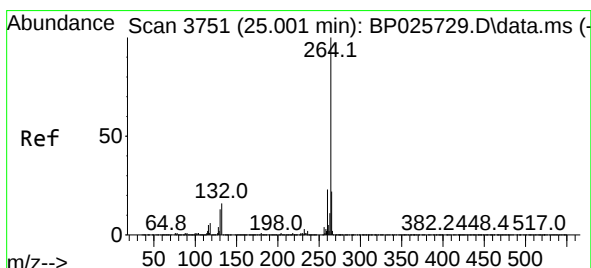
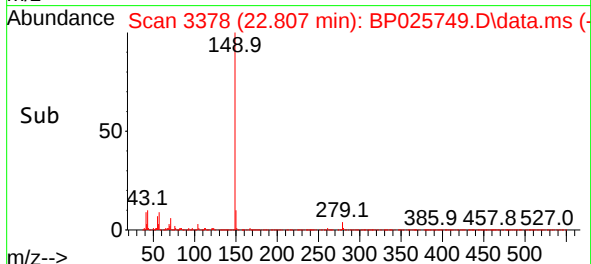
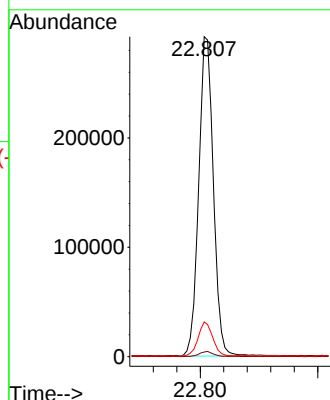
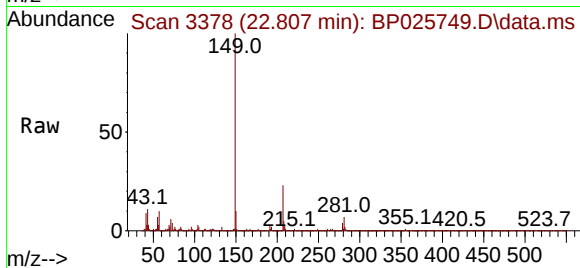
Tgt Ion:149 Resp: 506384

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.030 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

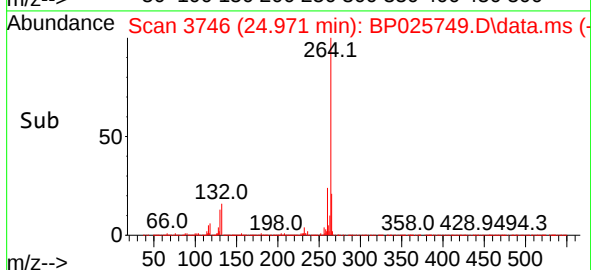
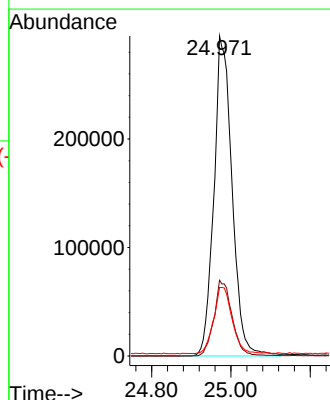
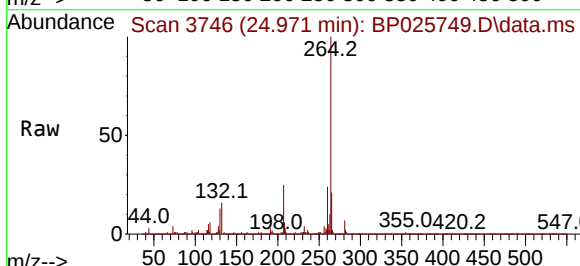
Tgt Ion:264 Resp: 939141

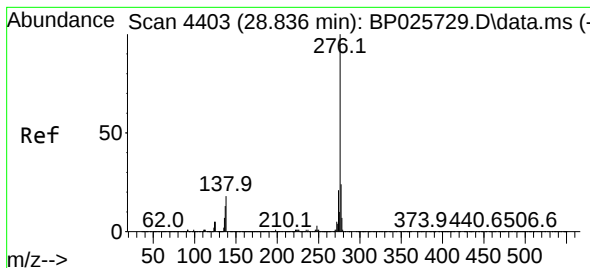
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.280 ng

RT: 28.777 min Scan# 41

Delta R.T. -0.059 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

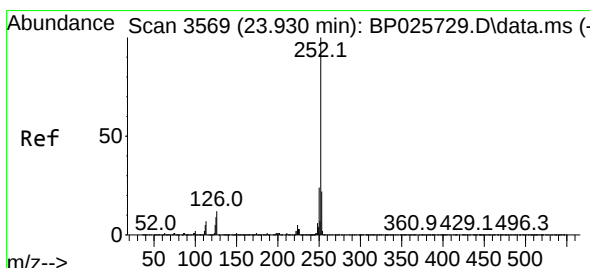
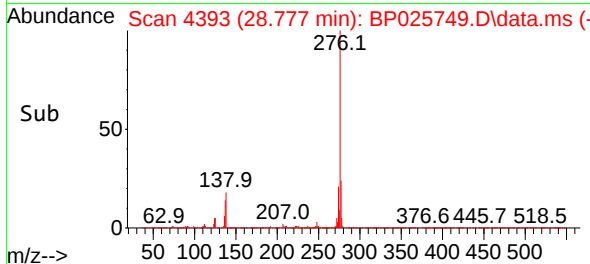
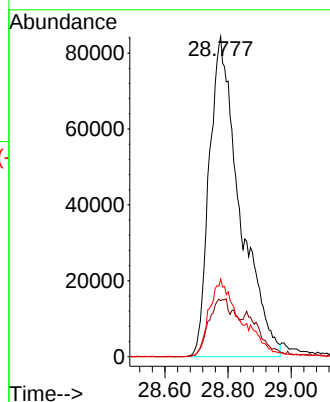
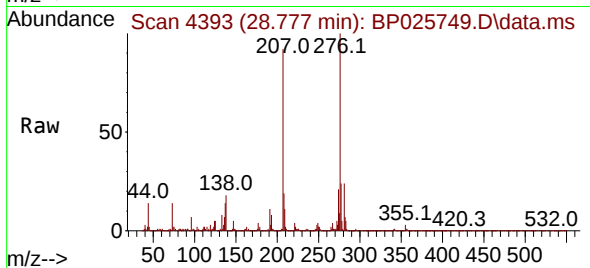
Tgt Ion:276 Resp: 565494

Ion Ratio Lower Upper

276 100

138 11.8 13.4 20.2#

277 25.3 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 8.608 ng

RT: 23.912 min Scan# 3566

Delta R.T. -0.018 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

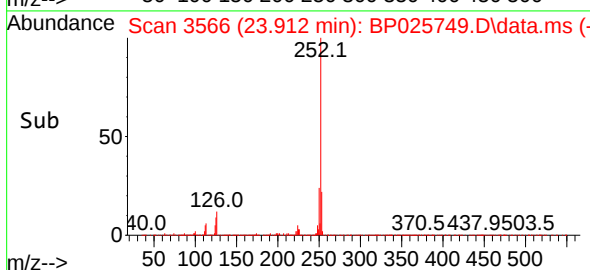
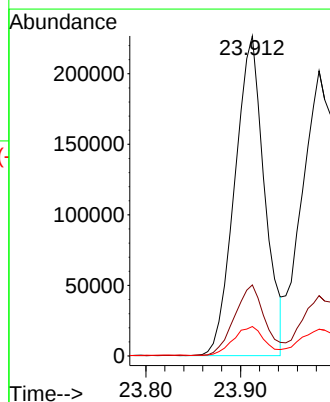
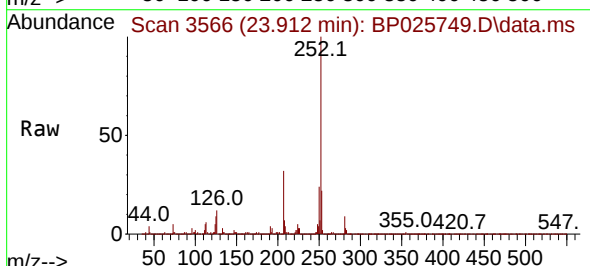
Tgt Ion:252 Resp: 494374

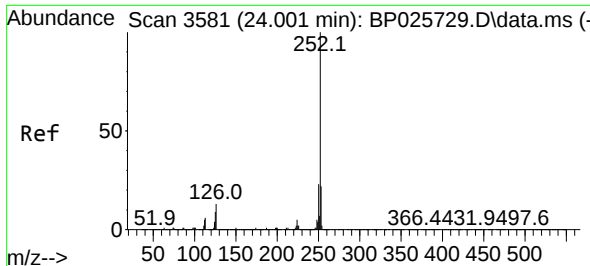
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 9.2 7.3 10.9

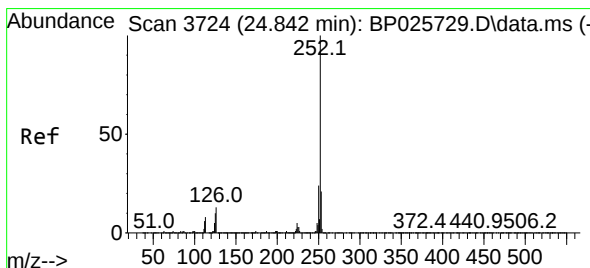
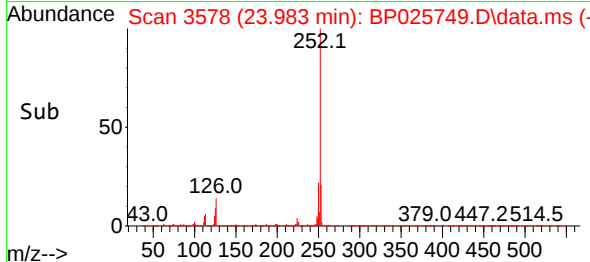
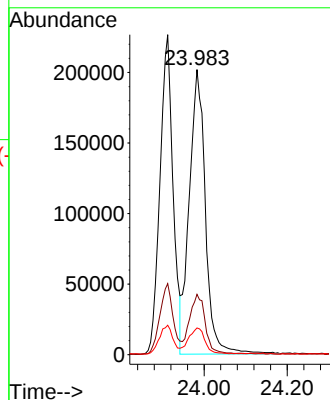
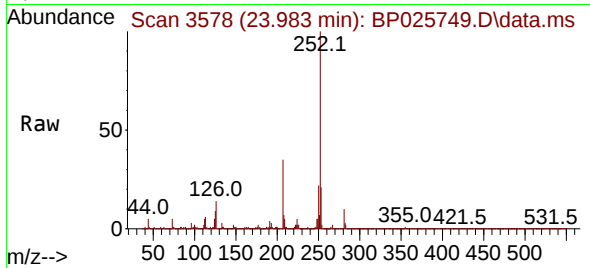




#89
Benzo(k)fluoranthene
Concen: 9.269 ng
RT: 23.983 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

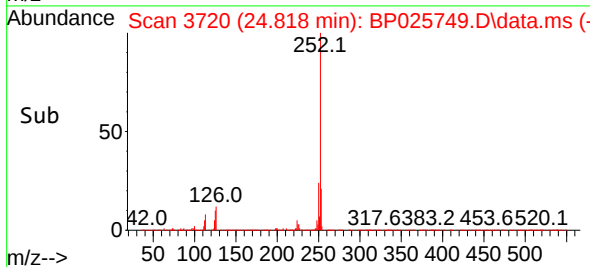
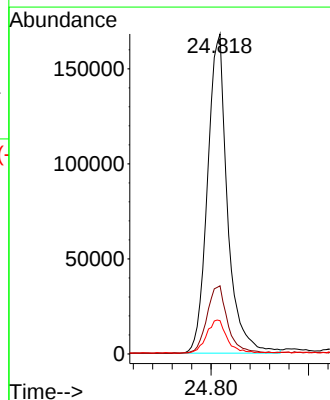
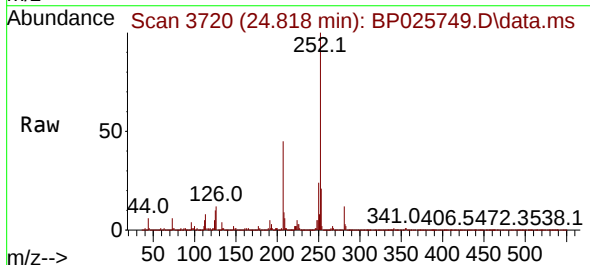
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

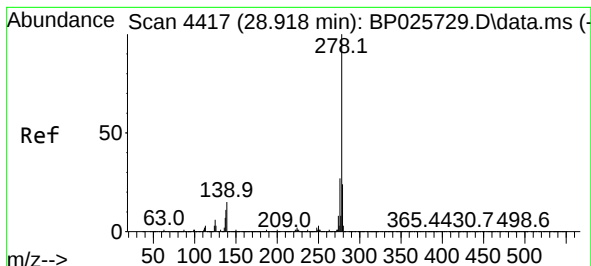
Tgt Ion:252 Resp: 543218
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.4 7.5 11.3



#90
Benzo(a)pyrene
Concen: 8.479 ng
RT: 24.818 min Scan# 3720
Delta R.T. -0.024 min
Lab File: BP025749.D
Acq: 15 Sep 2025 12:29

Tgt Ion:252 Resp: 476886
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 8.390 ng

RT: 28.871 min Scan# 4417

Delta R.T. -0.047 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

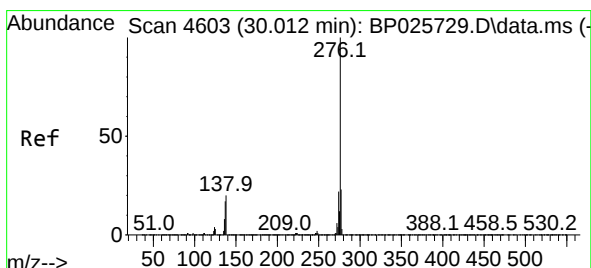
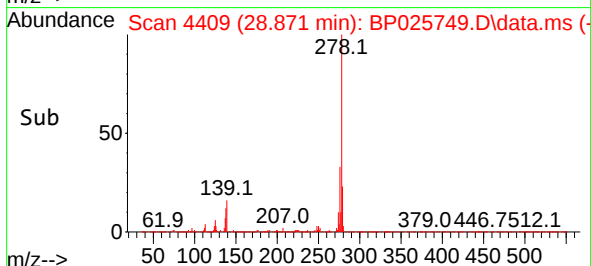
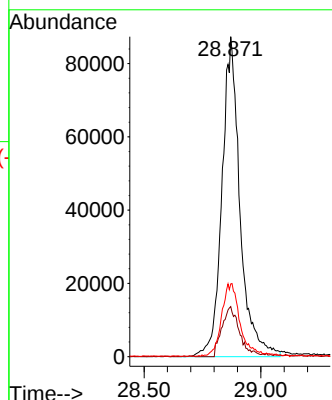
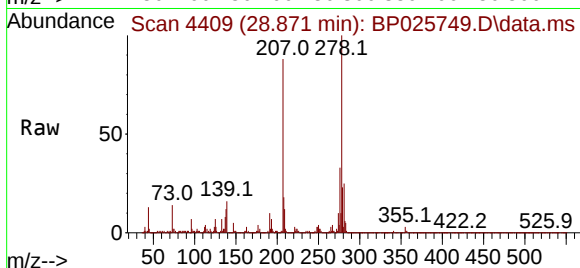
Tgt Ion:278 Resp: 468914

Ion Ratio Lower Upper

278 100

139 15.6 12.1 18.1

279 22.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 8.401 ng

RT: 29.977 min Scan# 4597

Delta R.T. -0.035 min

Lab File: BP025749.D

Acq: 15 Sep 2025 12:29

Tgt Ion:276 Resp: 461745

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 20.0 16.0 24.0

