

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
 Data File : BM050407.D
 Acq On : 11 Jul 2025 10:59
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 11 11:38:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	436693	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1613825	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1006200	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	1845780	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1742549	20.000	ng	0.00
86) Perylene-d12	24.486	264	1751119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2906402	114.562	ng	0.00
7) Phenol-d6	7.022	99	3712636	116.088	ng	0.00
23) Nitrobenzene-d5	9.016	82	2339734	73.966	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1451621	118.738	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	5987659	73.488	ng	0.00
79) Terphenyl-d14	19.839	244	8874607	89.607	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	42906	4.113	ng	98
3) Pyridine	3.740	79	109883	4.012	ng	97
6) Aniline	7.187	93	160287	3.905	ng	100
8) 2-Chlorophenol	7.428	128	115681	4.324	ng	99
10) Phenol	7.046	94	137856	4.133	ng	92
11) bis(2-Chloroethyl)ether	7.281	93	106215	3.976	ng	99
12) 1,3-Dichlorobenzene	7.751	146	135649	4.170	ng	98
13) 1,4-Dichlorobenzene	7.898	146	138640	4.174	ng	99
14) 1,2-Dichlorobenzene	8.216	146	131092	4.123	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	159639	4.057	ng	99
17) 2-Methylphenol	8.298	107	80441	3.718	ng	97
18) Hexachloroethane	8.951	117	46448	3.976	ng	96
19) n-Nitroso-di-n-propyla...	8.663	70	72620	3.748	ng	98
22) Acetophenone	8.681	105	162652	4.031	ng	# 98
24) Nitrobenzene	9.057	77	124607	4.414	ng	96
25) Isophorone	9.587	82	186760	3.638	ng	99
26) 2-Nitrophenol	9.769	139	36515	3.174	ng	# 86
27) 2,4-Dimethylphenol	9.828	122	93602	3.824	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	131631	3.870	ng	96
29) 2,4-Dichlorophenol	10.304	162	89899	3.575	ng	98
30) 1,2,4-Trichlorobenzene	10.522	180	123602	4.108	ng	99
31) Naphthalene	10.710	128	335828	4.097	ng	98
33) 4-Chloroaniline	10.810	127	129585	3.739	ng	98
34) Hexachlorobutadiene	11.004	225	74003	4.030	ng	96
36) 4-Chloro-3-methylphenol	11.928	107	79289	3.376	ng	97
37) 2-Methylnaphthalene	12.322	142	199338	3.851	ng	97
38) 1-Methylnaphthalene	12.539	142	215489	3.934	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	126161	3.943	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	65534	3.327	ng	94
44) 2,4,5-Trichlorophenol	12.992	196	73994	3.440	ng	97
46) 1,1'-Biphenyl	13.327	154	307080	4.113	ng	99
47) 2-Chloronaphthalene	13.369	162	245824	4.130	ng	99
48) 2-Nitroaniline	13.563	65	40360	3.038	ng	94
49) Acenaphthylene	14.210	152	334058	3.714	ng	98
50) Dimethylphthalate	13.945	163	268058	3.870	ng	99
51) 2,6-Dinitrotoluene	14.051	165	43461	3.268	ng	92

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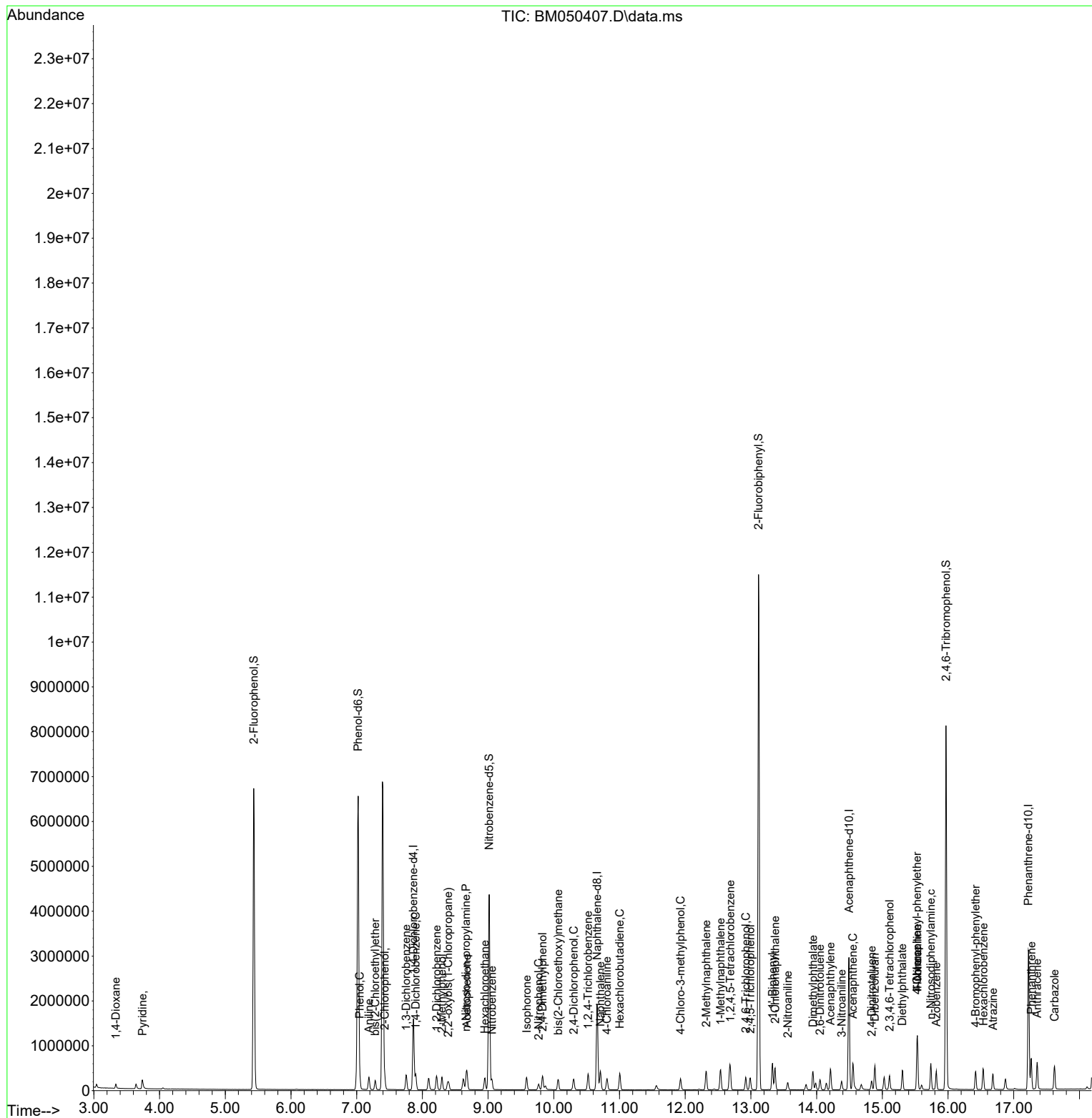
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.551	154	219275	3.834	ng	97
53) 3-Nitroaniline	14.380	138	43451	3.072	ng #	94
55) Dibenzofuran	14.886	168	353703	4.014	ng	99
57) 2,4-Dinitrotoluene	14.839	165	46798	4.941	ng #	89
58) Fluorene	15.533	166	271404	3.739	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	59170	3.268	ng	96
60) Diethylphthalate	15.304	149	240967	3.641	ng	100
61) 4-Chlorophenyl-phenyle...	15.527	204	137044	3.611	ng	92
62) 4-Nitroaniline	15.533	138	37296	4.757	ng	94
63) Azobenzene	15.821	77	210422	3.463	ng	97
66) n-Nitrosodiphenylamine	15.739	169	219487	3.800	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	75934	3.734	ng	97
68) Hexachlorobenzene	16.539	284	95935	3.994	ng	96
69) Atrazine	16.686	200	62521	3.297	ng	100
71) Phenanthrene	17.268	178	416893	3.992	ng	99
72) Anthracene	17.357	178	378486	3.641	ng	99
73) Carbazole	17.621	167	338749	3.601	ng	99
74) Di-n-butylphthalate	18.192	149	325326	3.160	ng	99
75) Fluoranthene	19.274	202	393607	3.467	ng	98
78) Pyrene	19.633	202	422615	3.787	ng	99
80) Butylbenzylphthalate	20.533	149	110947	3.015	ng	97
81) Benzo(a)anthracene	21.433	228	432897	3.813	ng	99
83) Chrysene	21.492	228	421299	3.934	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	173784	2.975	ng	96
87) Indeno(1,2,3-cd)pyrene	27.909	276	434027	3.486	ng #	94
88) Benzo(b)fluoranthene	23.521	252	387766	3.600	ng	98
89) Benzo(k)fluoranthene	23.586	252	390612	3.495	ng	97
90) Benzo(a)pyrene	24.339	252	338014	3.352	ng	98
91) Dibenzo(a,h)anthracene	27.974	278	366989	3.500	ng	98
92) Benzo(g,h,i)perylene	28.974	276	360081	3.634	ng	99

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

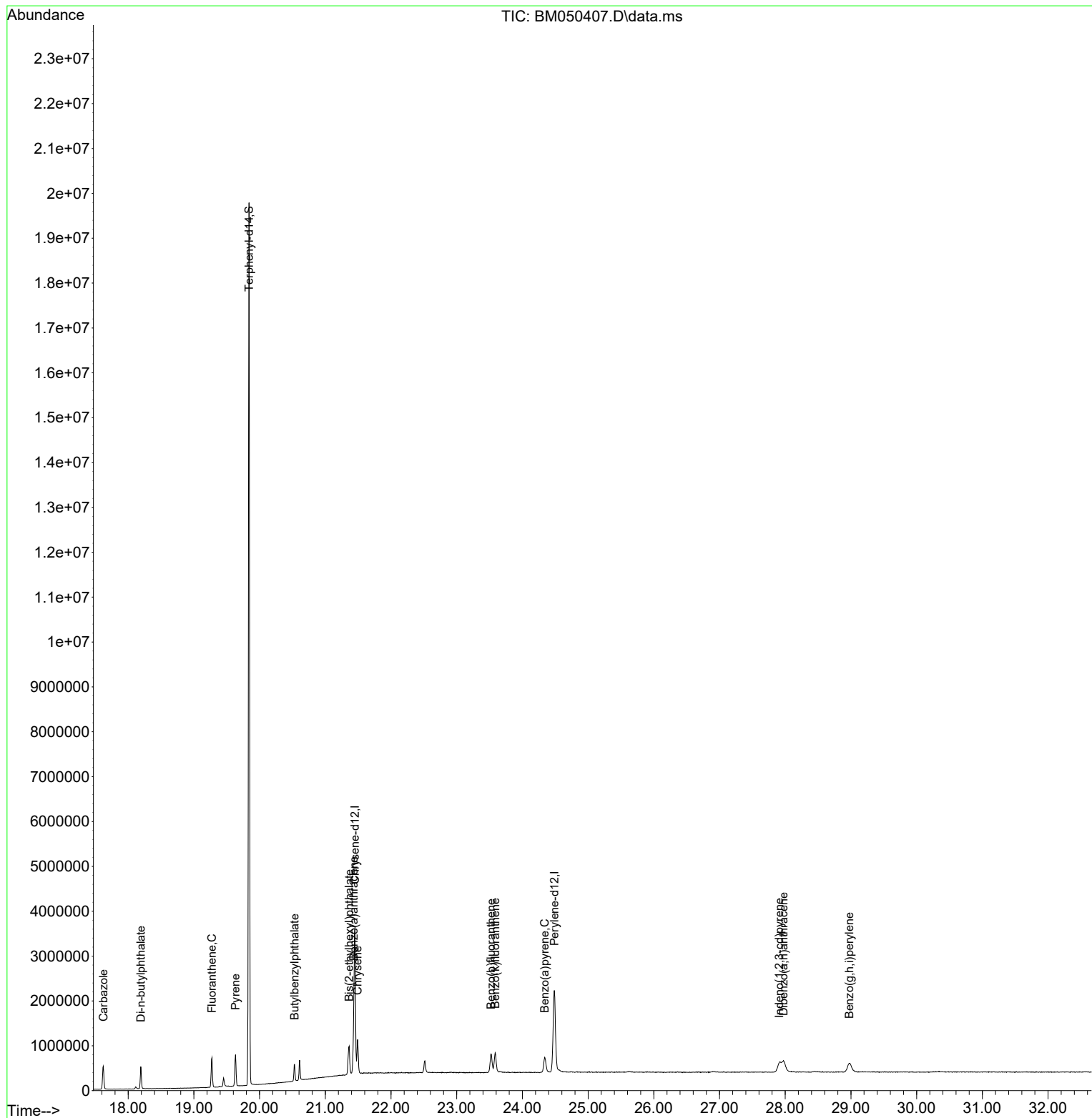
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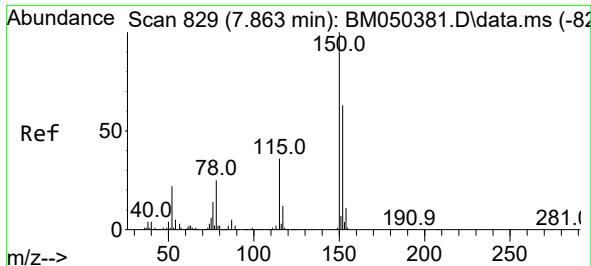


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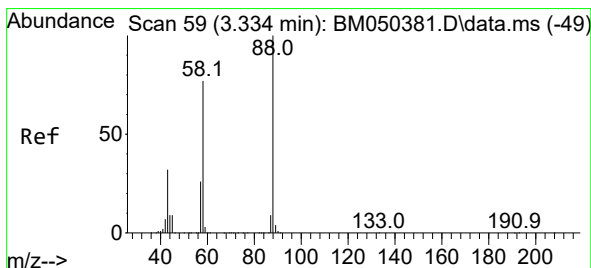
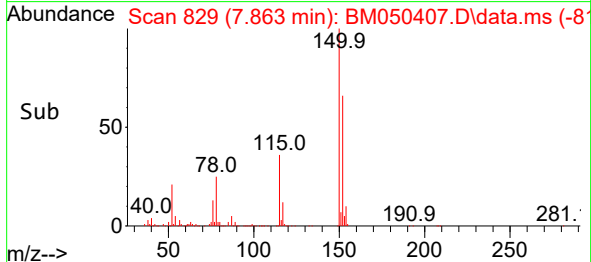
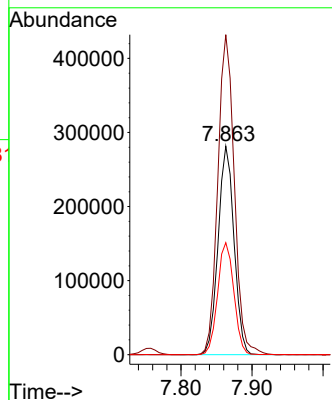
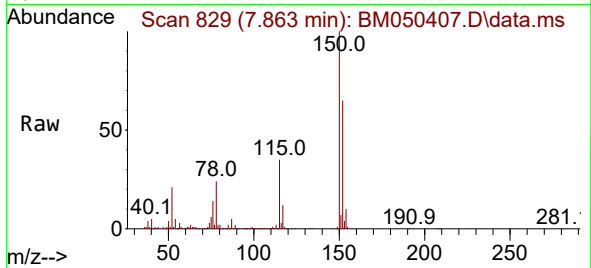




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM050407.D
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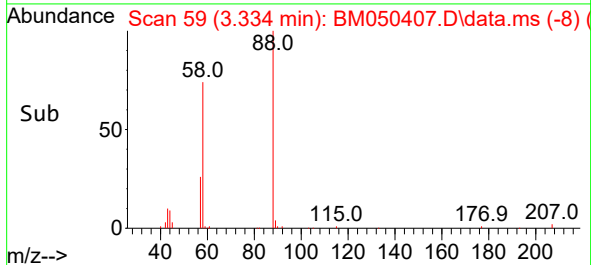
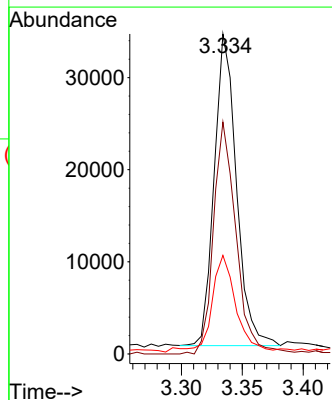
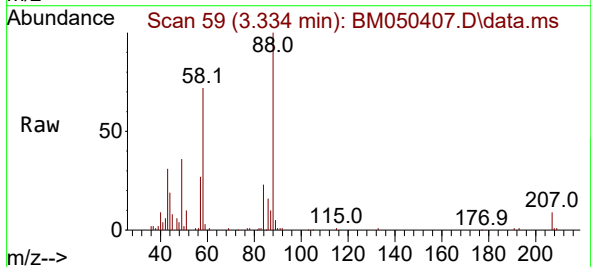
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

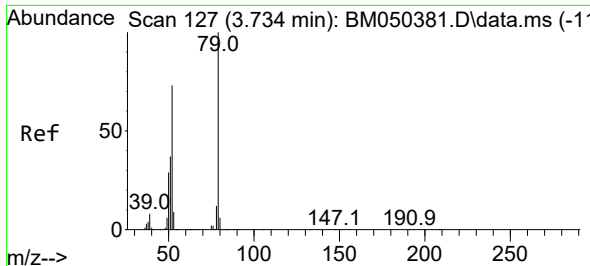
Tgt Ion:152 Resp: 436693
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.2 189.4
 115 53.7 45.8 68.8



#2
 1,4-Dioxane
 Concen: 4.113 ng
 RT: 3.334 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BM050407.D
 Acq: 11 Jul 2025 10:59

Tgt Ion: 88 Resp: 42906
 Ion Ratio Lower Upper
 88 100
 58 75.5 61.0 91.6
 43 33.6 24.6 37.0

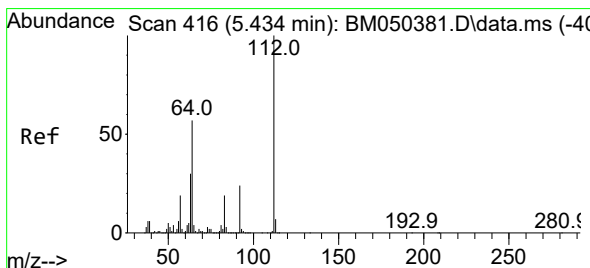
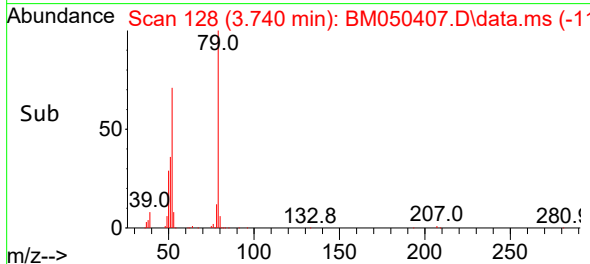
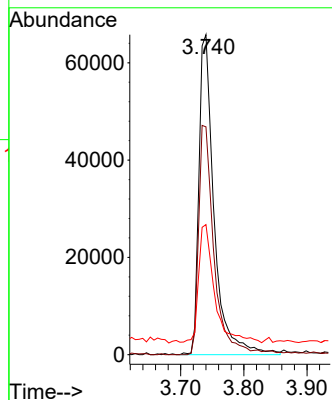
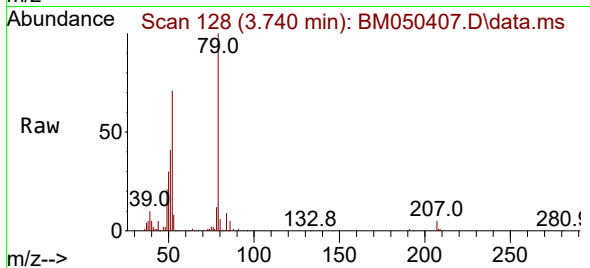




#3
 Pyridine
 Concen: 4.012 ng
 RT: 3.740 min Scan# 127
 Delta R.T. 0.006 min
 Lab File: BM050407.D
 Acq: 11 Jul 2025 10:59

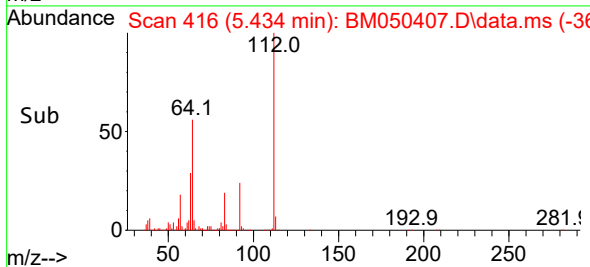
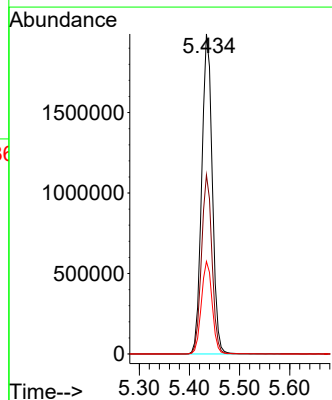
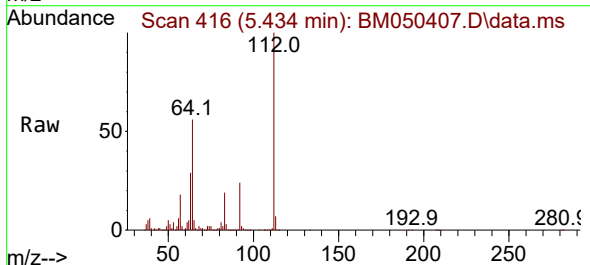
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 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

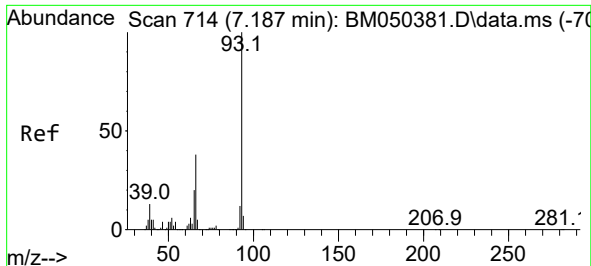
Tgt Ion: 79 Resp: 109883
 Ion Ratio Lower Upper
 79 100
 52 71.2 58.3 87.5
 51 40.7 29.6 44.4



#5
 2-Fluorophenol
 Concen: 114.562 ng
 RT: 5.434 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BM050407.D
 Acq: 11 Jul 2025 10:59

Tgt Ion: 112 Resp: 2906402
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.5 68.3
 63 28.9 24.2 36.4

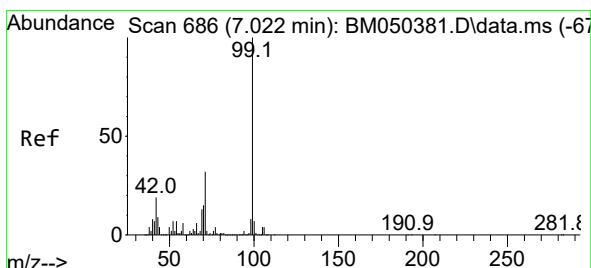
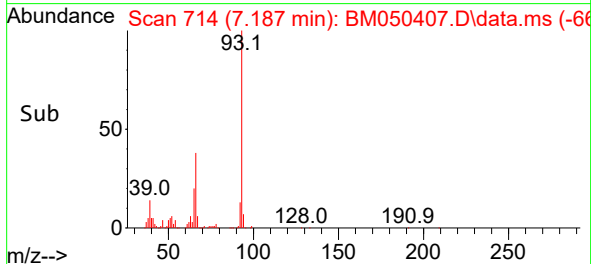
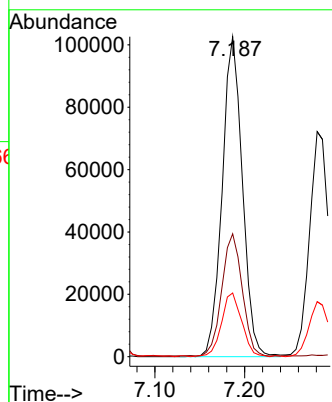
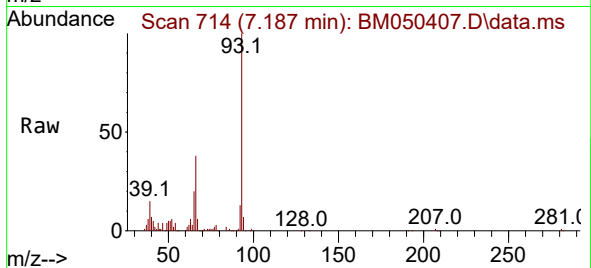




#6
Aniline
Concen: 3.905 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

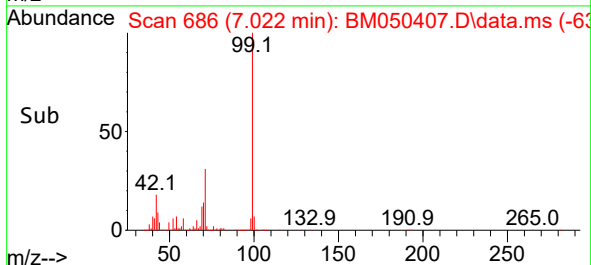
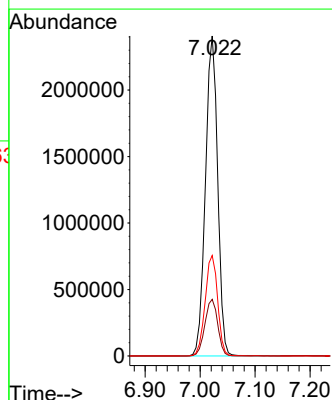
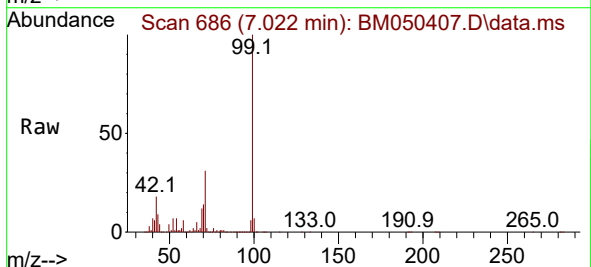
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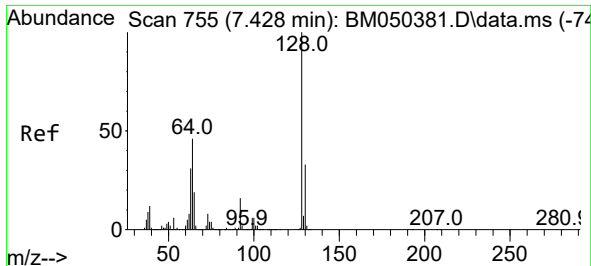
Tgt Ion: 93 Resp: 160287
Ion Ratio Lower Upper
93 100
66 38.4 30.5 45.7
65 19.9 15.9 23.9



#7
Phenol-d6
Concen: 116.088 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion: 99 Resp: 3712636
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 31.4 25.9 38.9

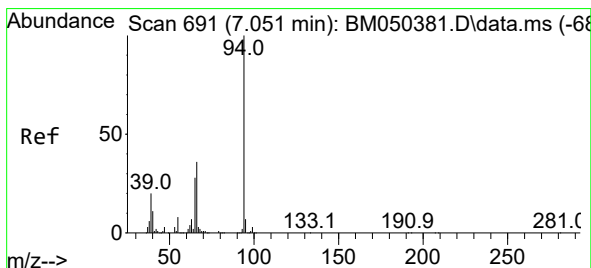
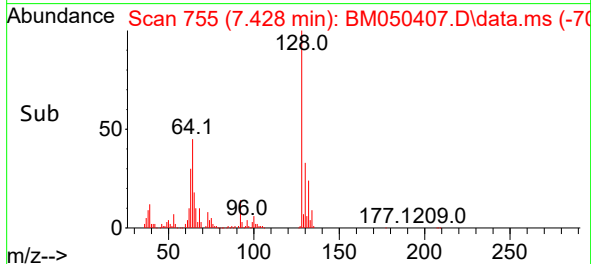
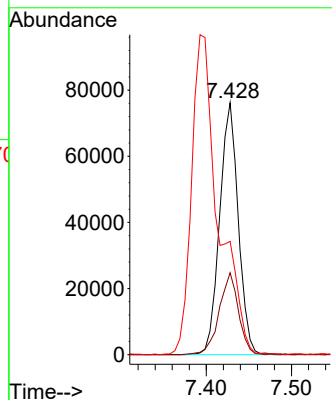
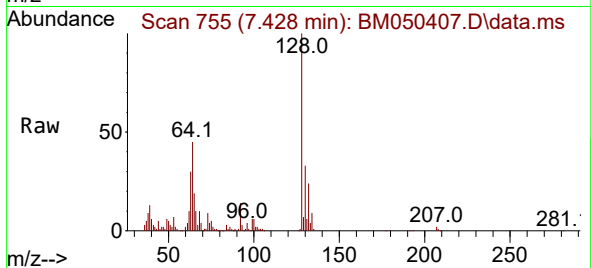




#8
2-Chlorophenol
Concen: 4.324 ng
RT: 7.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050407.D
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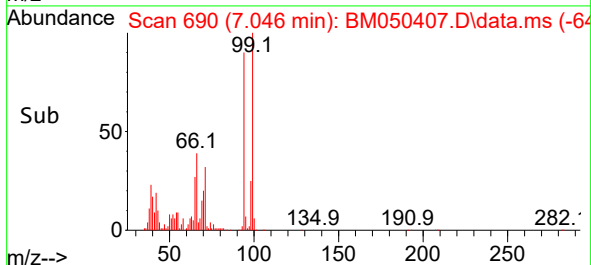
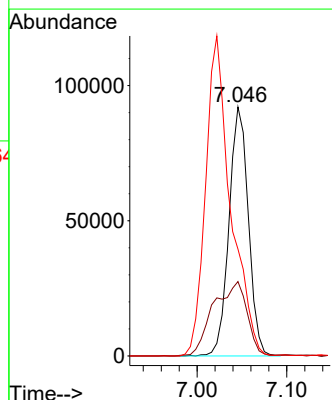
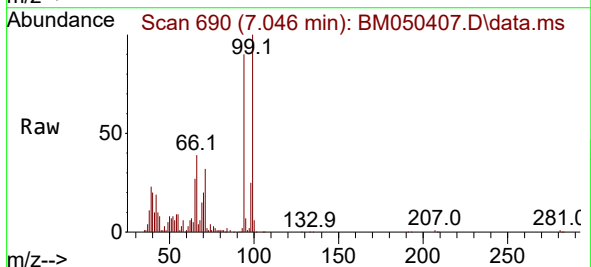
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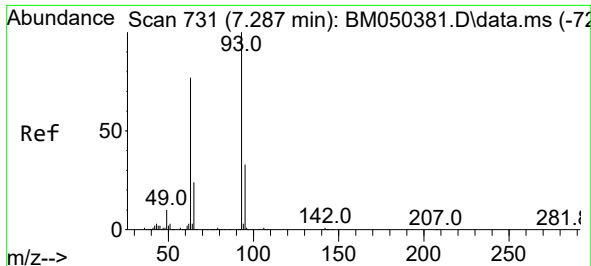
Tgt Ion:128 Resp: 115681
Ion Ratio Lower Upper
128 100
130 32.5 13.3 53.3
64 45.0 25.6 65.6



#10
Phenol
Concen: 4.133 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050407.D
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Tgt Ion: 94 Resp: 137856
Ion Ratio Lower Upper
94 100
65 29.9 8.1 48.1
66 43.0 15.8 55.8

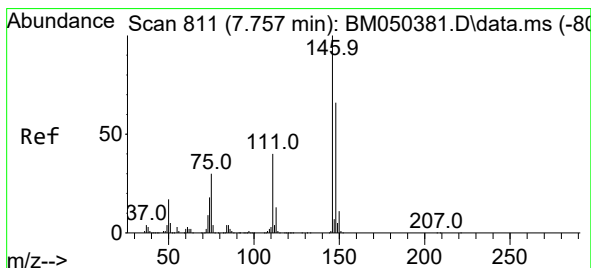
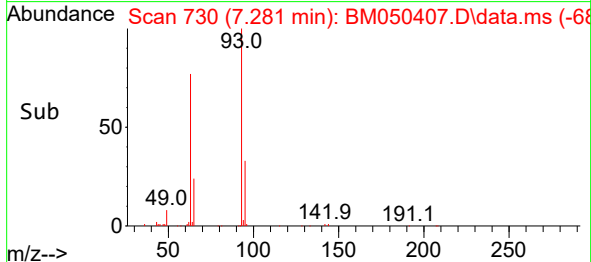
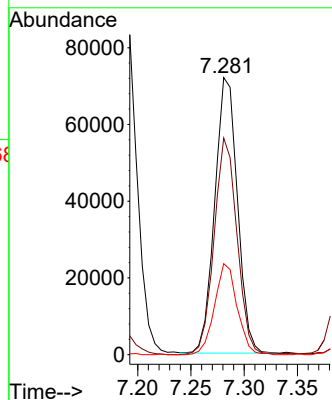
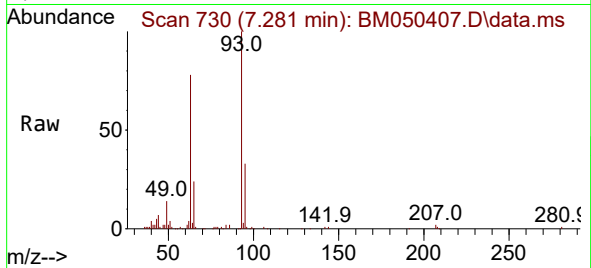




#11
bis(2-Chloroethyl)ether
Concen: 3.976 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050407.D
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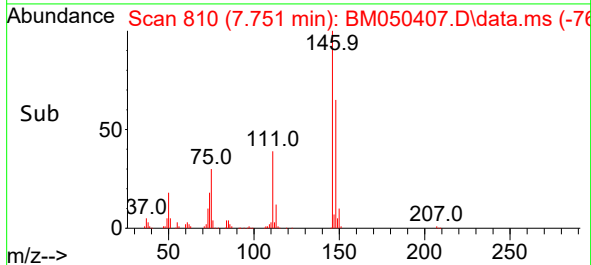
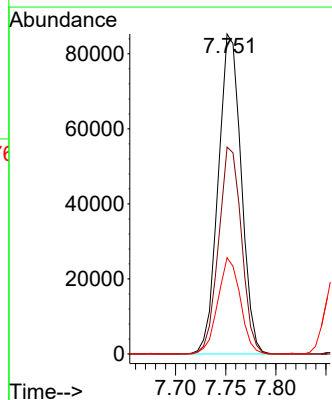
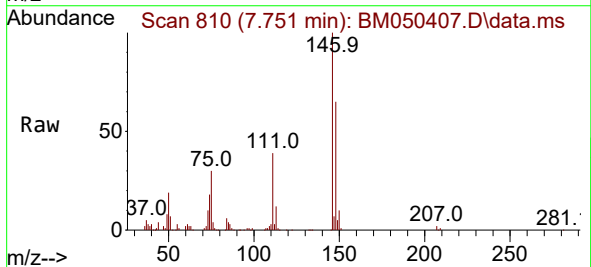
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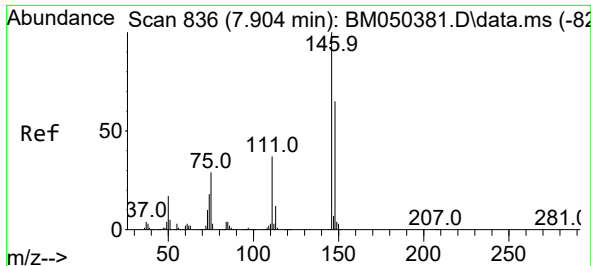
Tgt Ion: 93 Resp: 106215
Ion Ratio Lower Upper
93 100
63 78.2 56.9 96.9
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 4.170 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050407.D
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Tgt Ion: 146 Resp: 135649
Ion Ratio Lower Upper
146 100
148 64.7 53.2 79.8
75 30.1 23.9 35.9

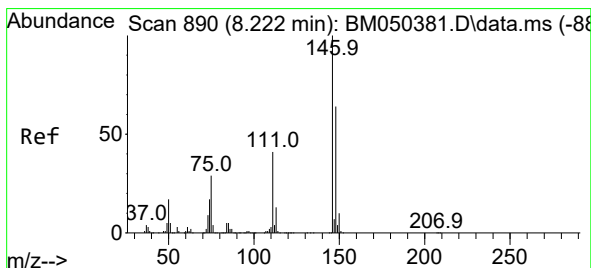
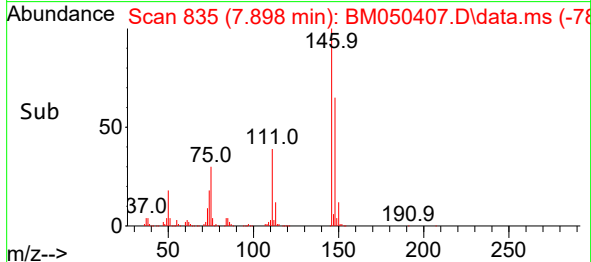
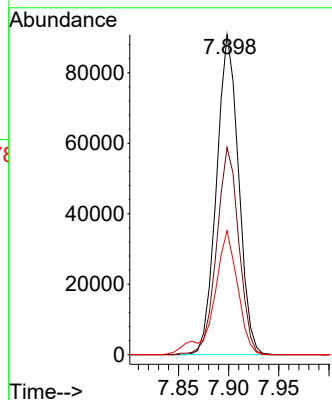
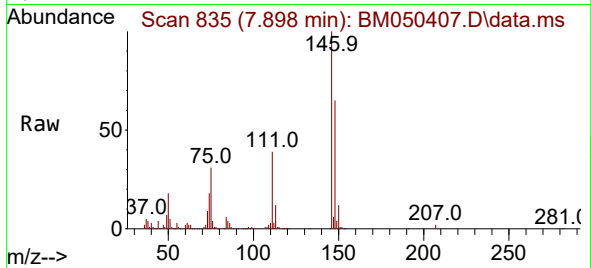




#13
1,4-Dichlorobenzene
Concen: 4.174 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

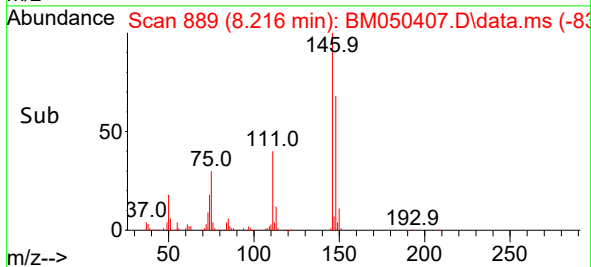
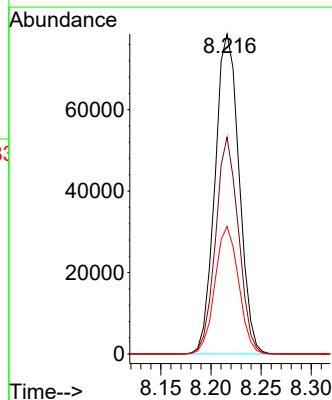
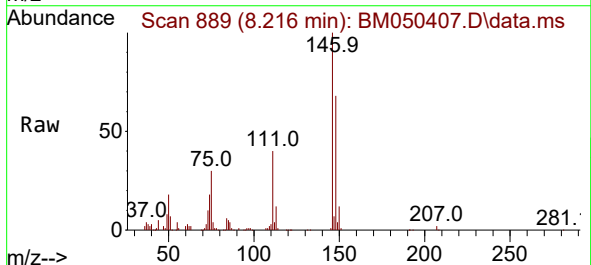
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

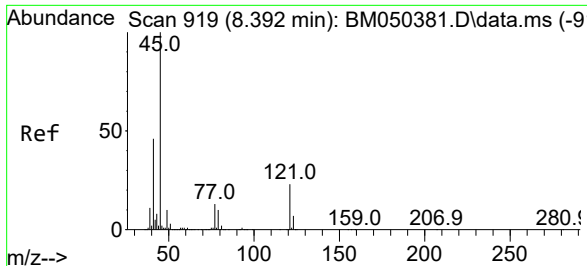
Tgt Ion:146 Resp: 138640
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
111 38.8 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 4.123 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:146 Resp: 131092
Ion Ratio Lower Upper
146 100
148 67.8 51.5 77.3
111 39.8 32.6 49.0

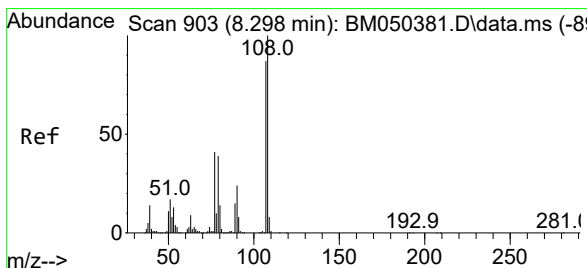
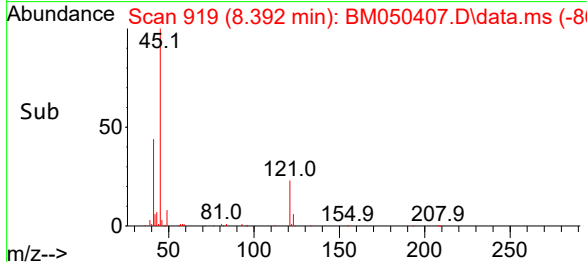
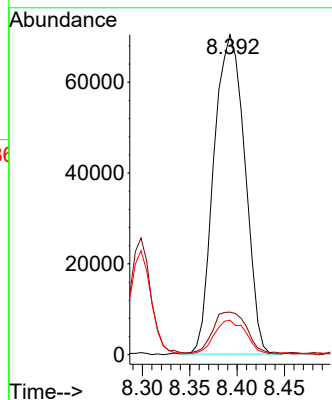
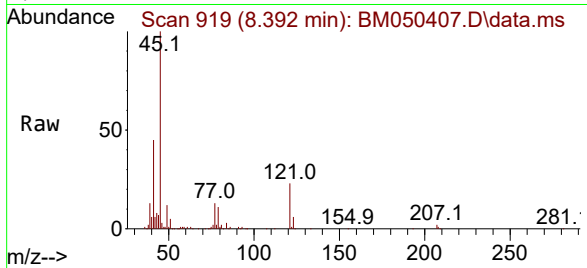




#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.057 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

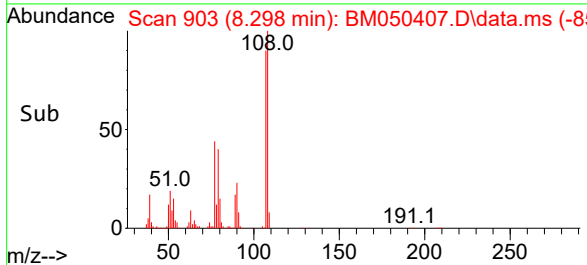
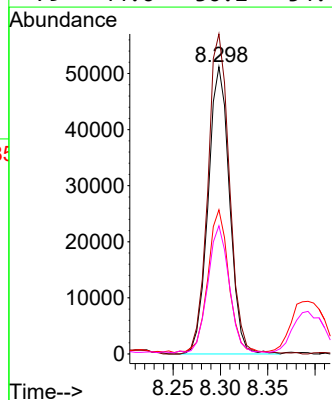
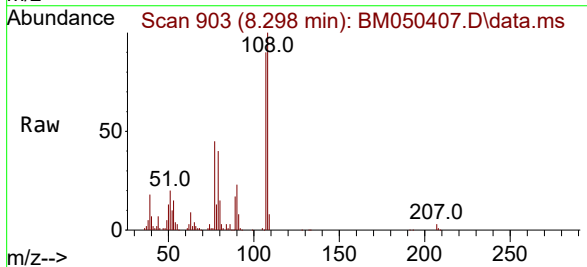
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

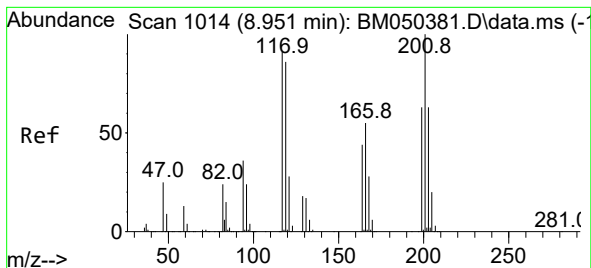
Tgt Ion:	45	Resp:	159639
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	33.5
79	10.8	0.0	30.3



#17
2-Methylphenol
Concen: 3.718 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:	107	Resp:	80441
Ion Ratio	Lower	Upper	
107	100		
108	111.4	92.1	138.1
77	50.2	38.2	57.4
79	44.6	36.2	54.4

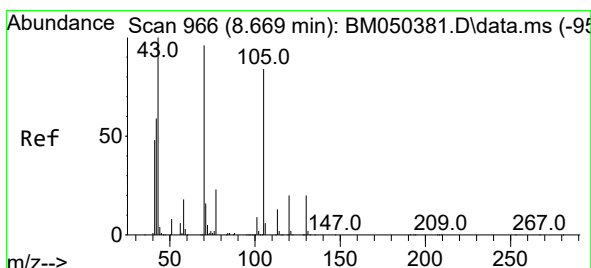
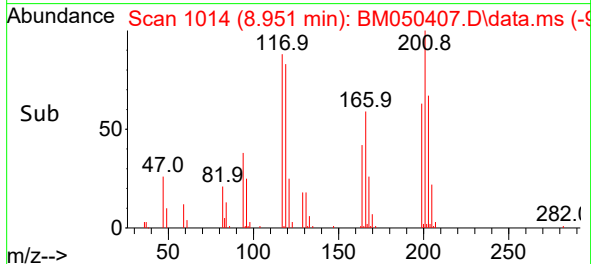
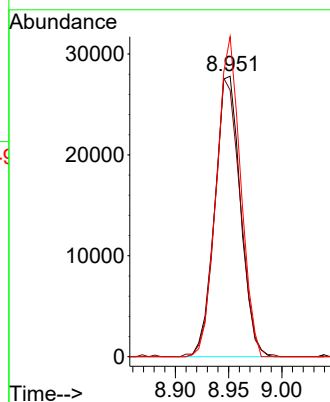
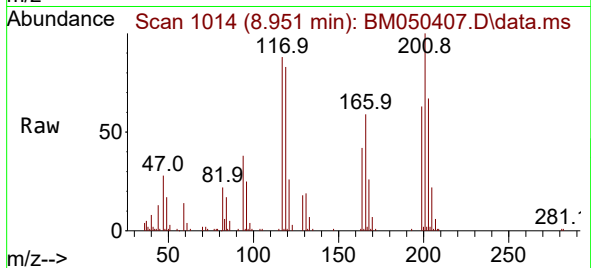




#18
Hexachloroethane
Concen: 3.976 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

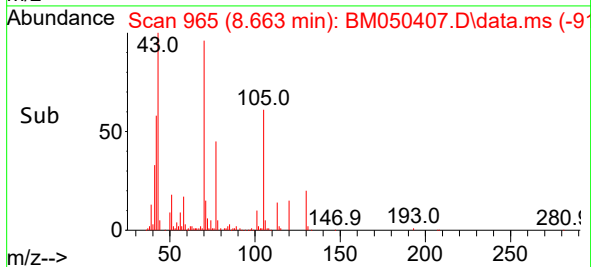
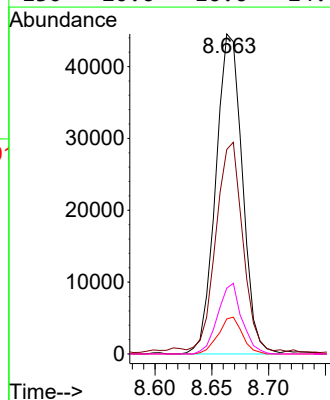
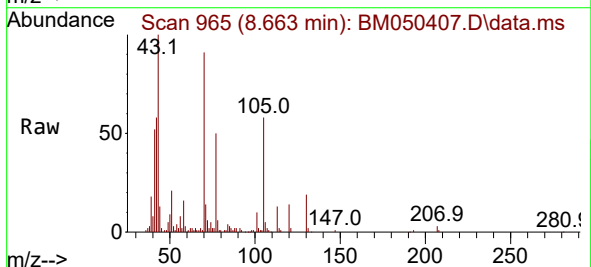
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

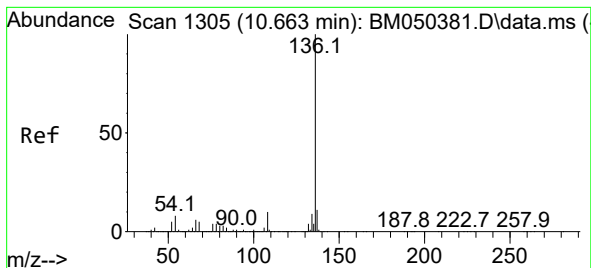
Tgt Ion:117 Resp: 46448
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4
201 116.6 87.9 131.9



#19
n-Nitroso-di-n-propylamine
Concen: 3.748 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion: 70 Resp: 72620
Ion Ratio Lower Upper
70 100
42 63.9 49.7 74.5
101 10.9 7.7 11.5
130 20.6 16.6 24.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:136 Resp: 1613825

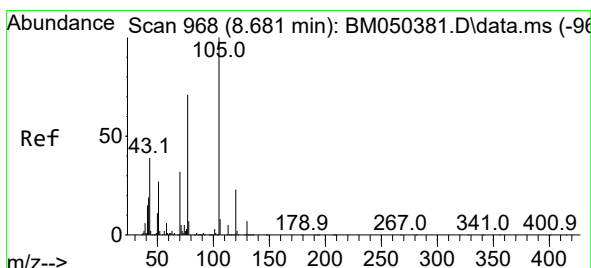
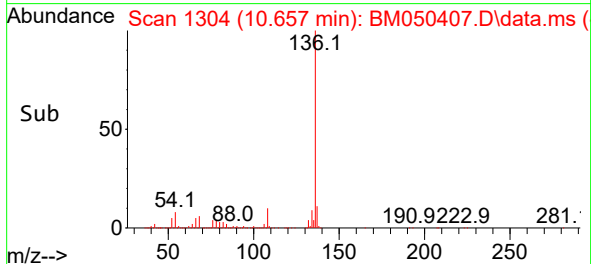
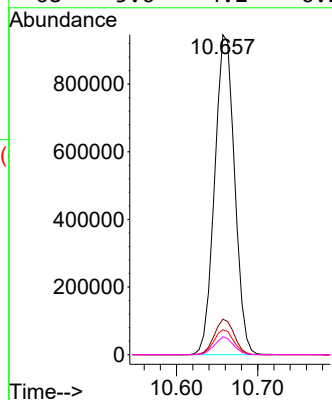
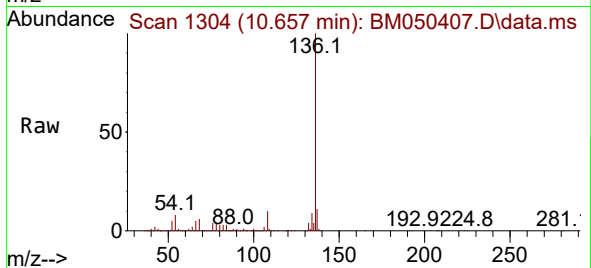
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.8 6.3 9.5

68 5.6 4.2 6.2



#22

Acetophenone

Concen: 4.031 ng

RT: 8.681 min Scan# 968

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Tgt Ion:105 Resp: 162652

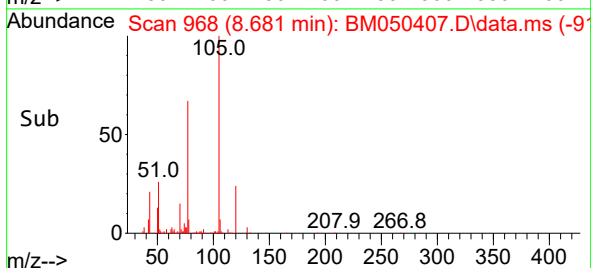
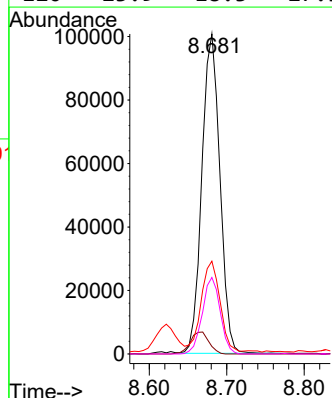
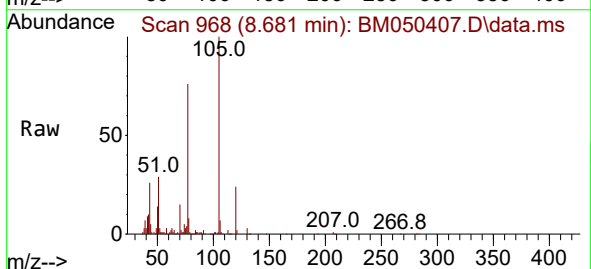
Ion Ratio Lower Upper

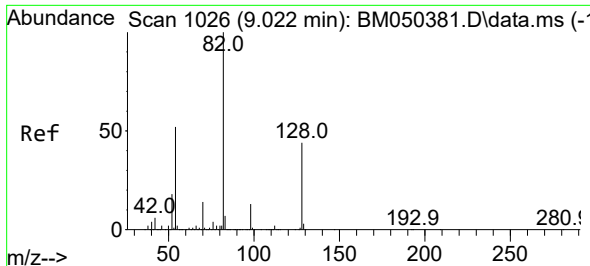
105 100

71 2.3 4.4 6.6#

51 29.0 23.0 34.6

120 23.9 18.3 27.5

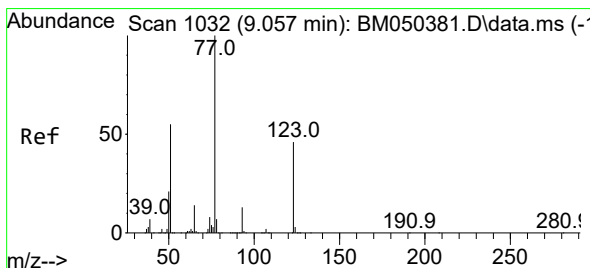
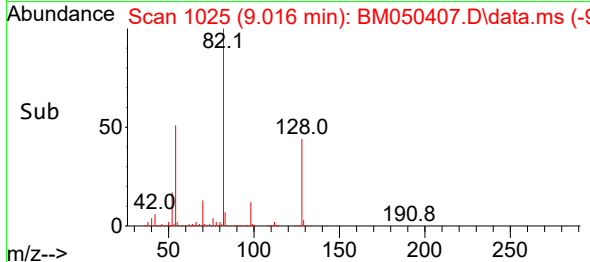
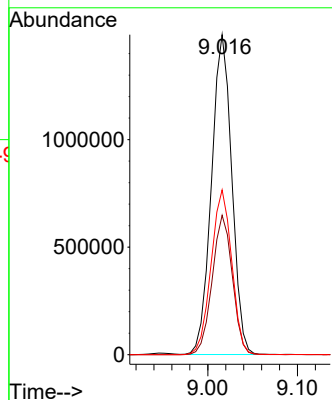
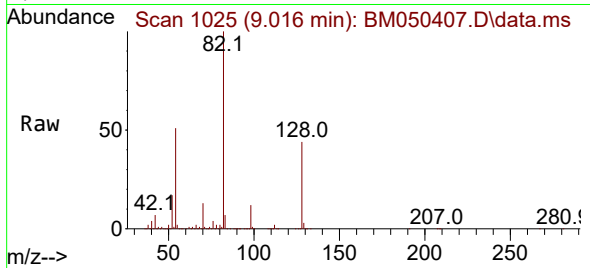




#23
Nitrobenzene-d5
Concen: 73.966 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

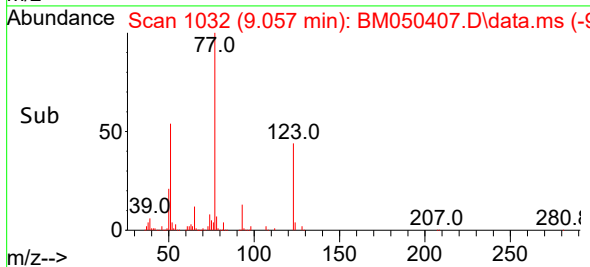
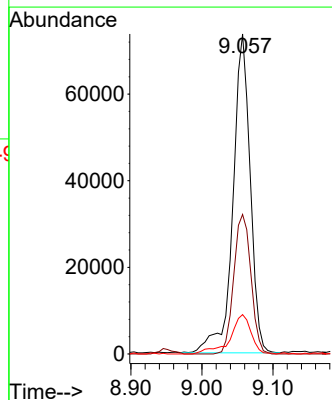
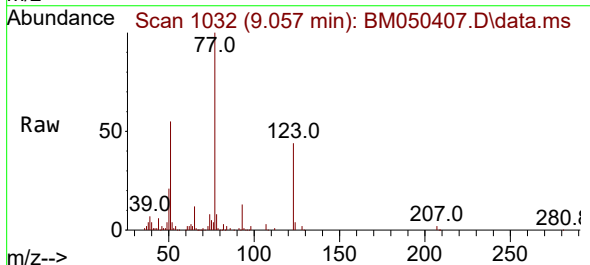
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

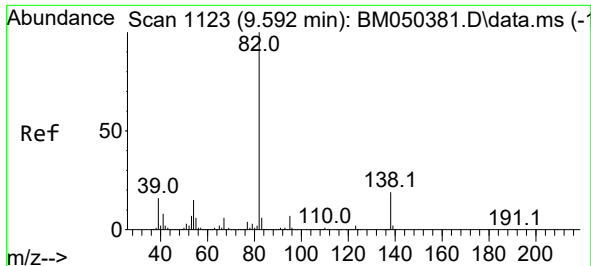
Tgt Ion: 82 Resp: 2339734
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 51.5 41.5 62.3



#24
Nitrobenzene
Concen: 4.414 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion: 77 Resp: 124607
Ion Ratio Lower Upper
77 100
123 43.6 37.0 55.6
65 12.3 11.0 16.4

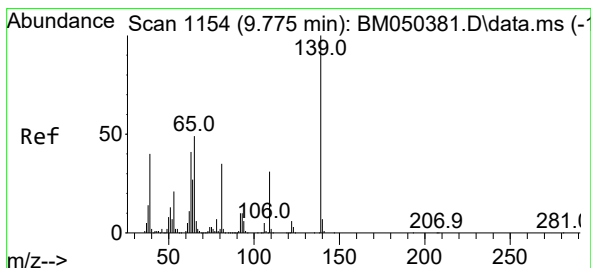
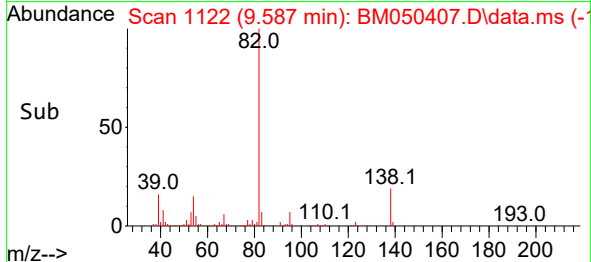
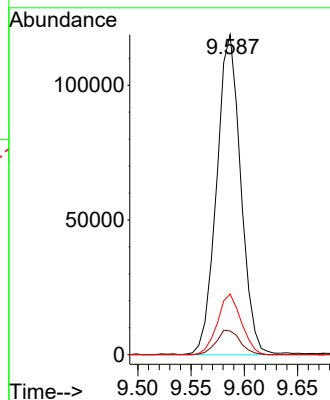
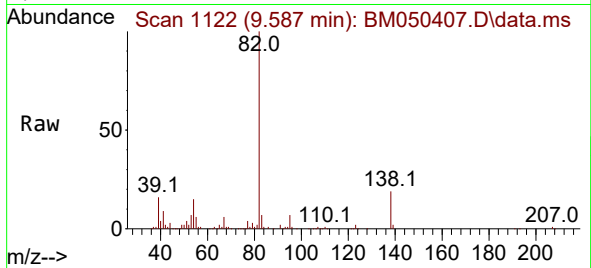




#25
Isophorone
Concen: 3.638 ng
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

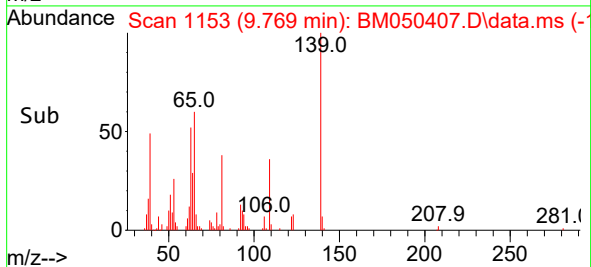
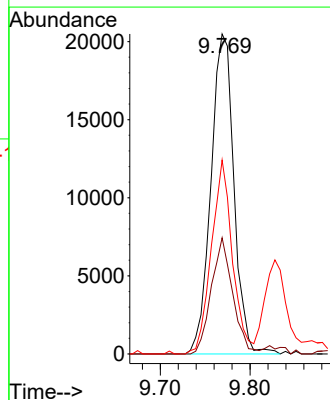
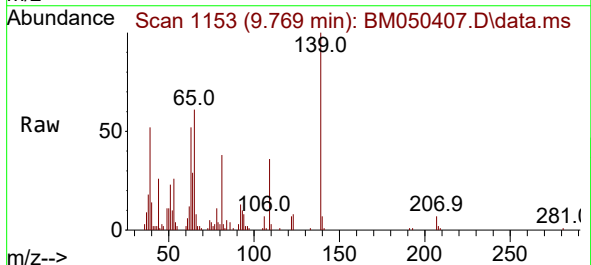
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

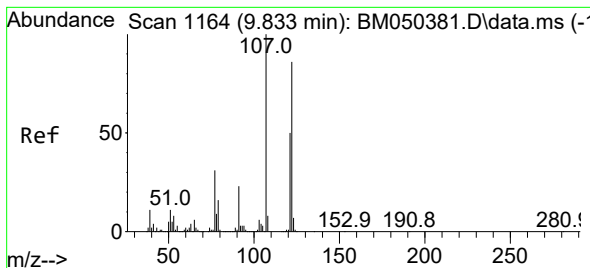
Tgt Ion: 82 Resp: 186760
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 18.9 15.3 22.9



#26
2-Nitrophenol
Concen: 3.174 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion: 139 Resp: 36515
Ion Ratio Lower Upper
139 100
109 36.3 24.6 36.8
65 60.6 39.2 58.8#





#27

2,4-Dimethylphenol

Concen: 3.824 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

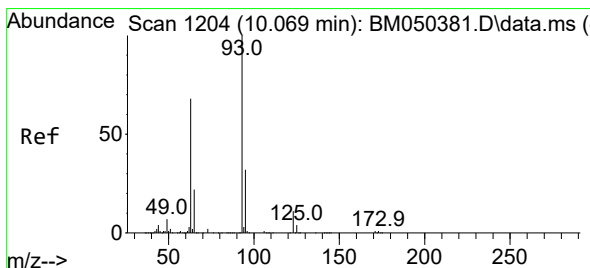
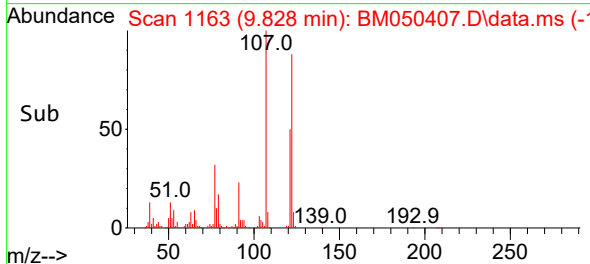
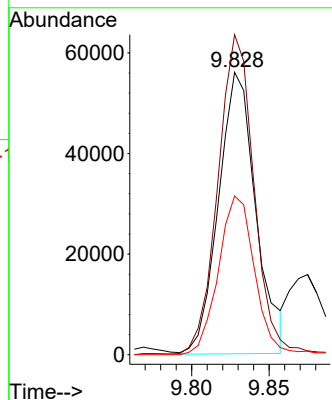
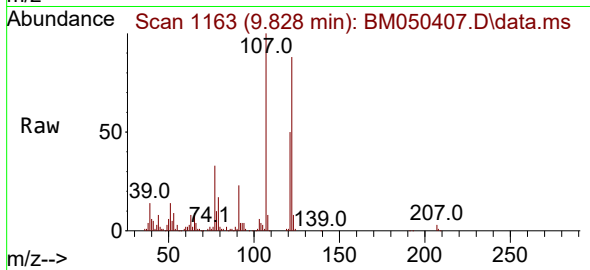
Tgt Ion:122 Resp: 93602

Ion Ratio Lower Upper

122 100

107 113.3 93.0 139.6

121 56.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.870 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

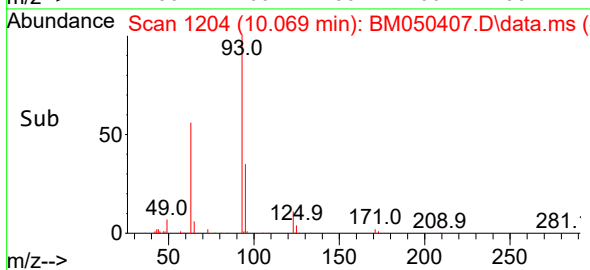
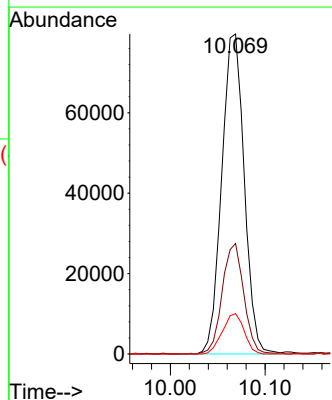
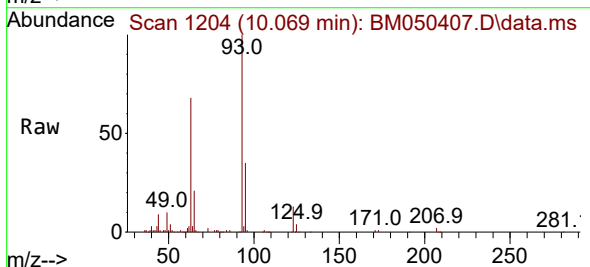
Tgt Ion: 93 Resp: 131631

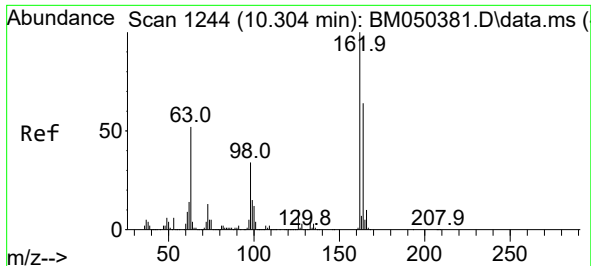
Ion Ratio Lower Upper

93 100

95 34.6 25.8 38.6

123 12.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 3.575 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

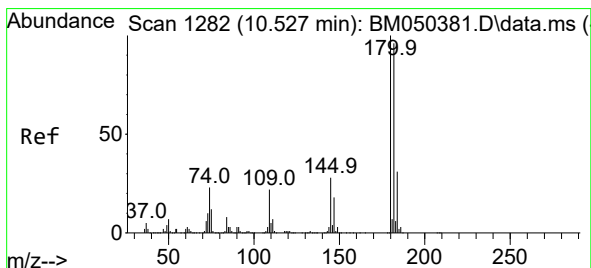
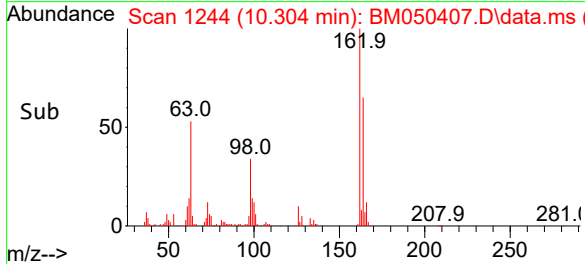
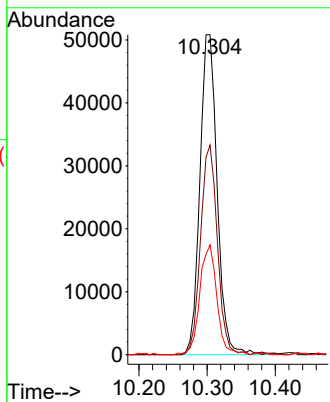
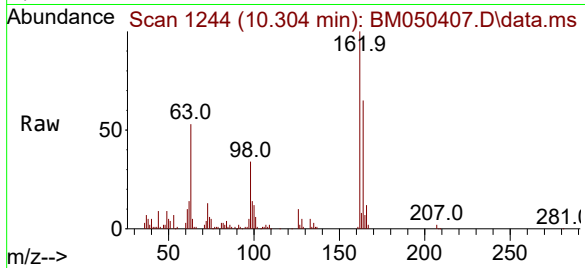
Tgt Ion:162 Resp: 89899

Ion Ratio Lower Upper

162 100

164 65.5 43.7 83.7

98 34.4 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 4.108 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

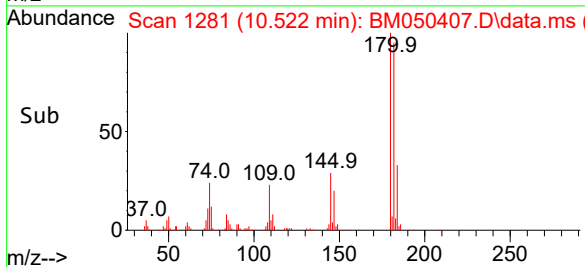
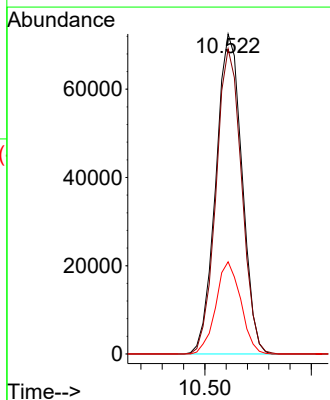
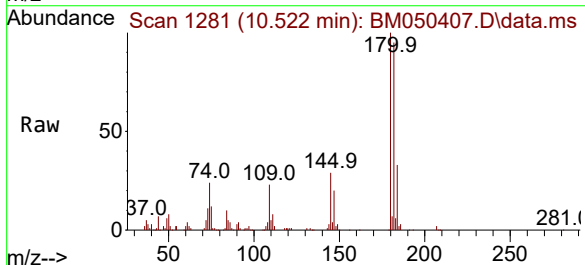
Tgt Ion:180 Resp: 123602

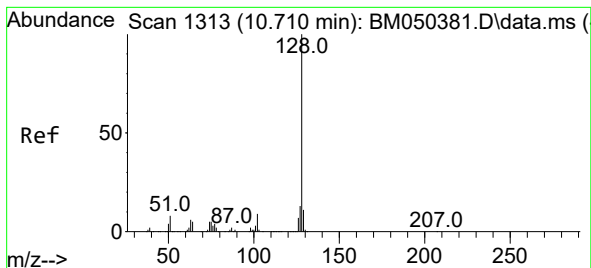
Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

145 28.8 22.6 33.8

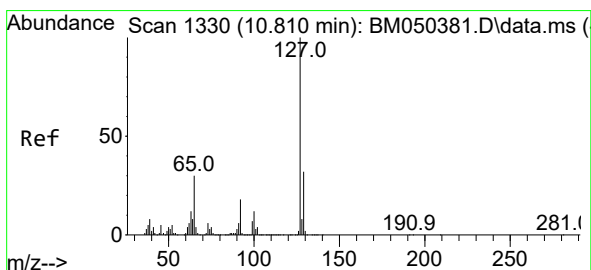
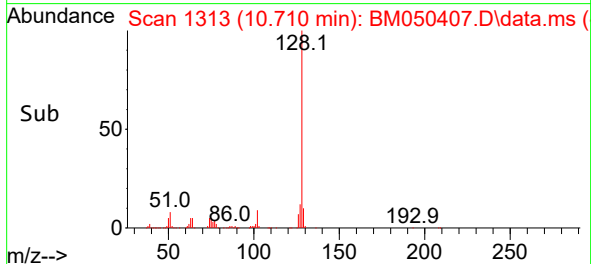
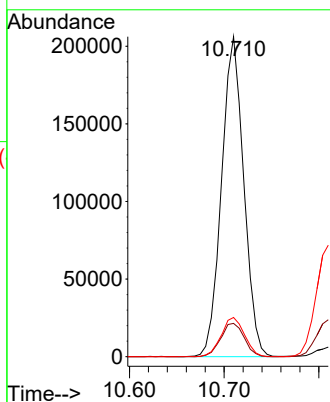
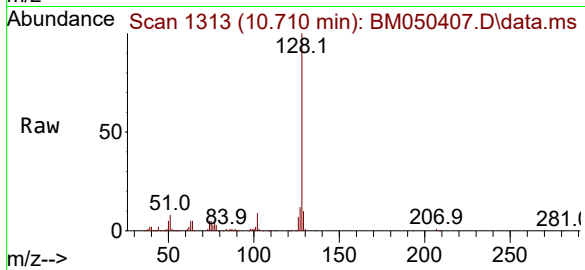




#31
Naphthalene
Concen: 4.097 ng
RT: 10.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

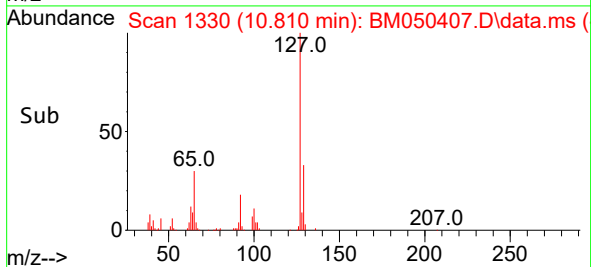
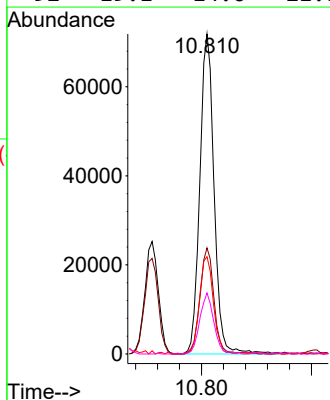
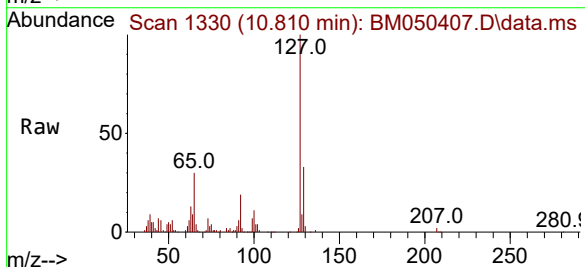
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

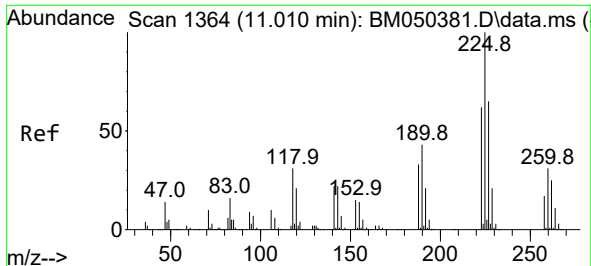
Tgt Ion:128 Resp: 335828
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.3 10.4 15.6



#33
4-Chloroaniline
Concen: 3.739 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:127 Resp: 129585
Ion Ratio Lower Upper
127 100
129 33.2 25.5 38.3
65 30.4 23.9 35.9
92 19.1 14.6 21.8

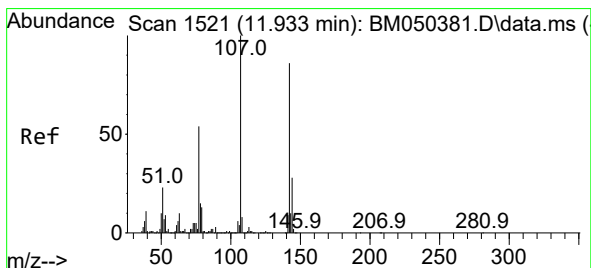
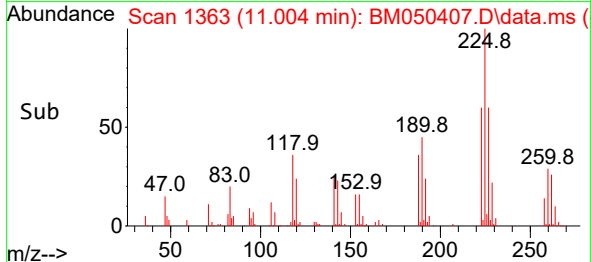
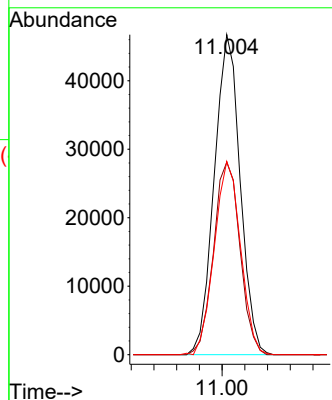
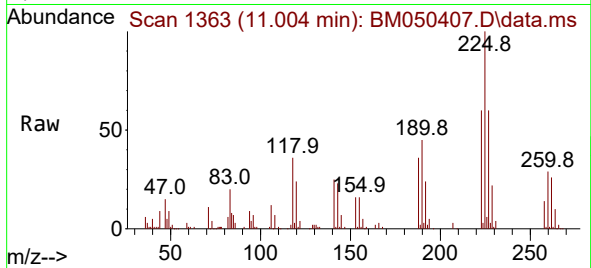




#34
Hexachlorobutadiene
Concen: 4.030 ng
RT: 11.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

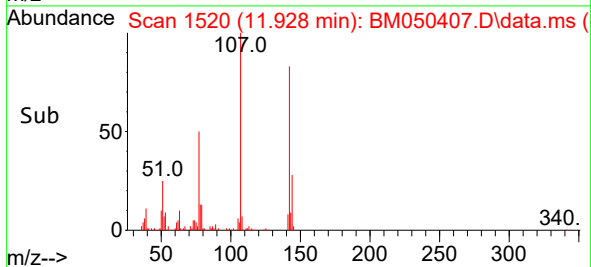
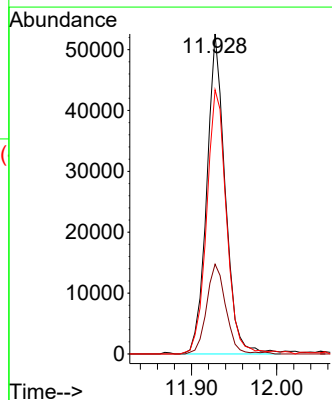
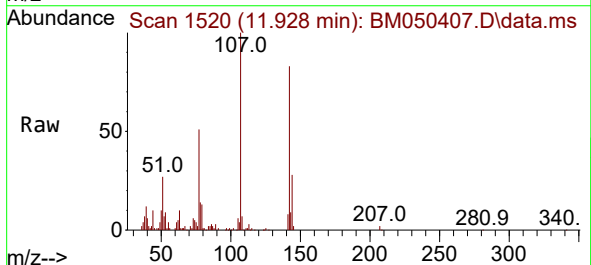
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

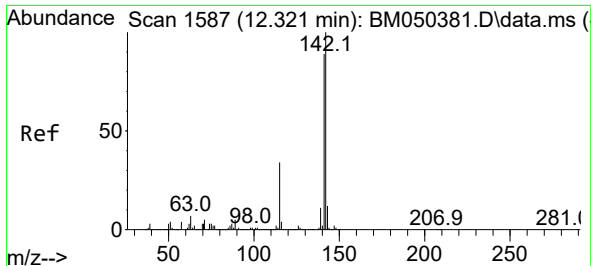
Tgt Ion:225 Resp: 74003
Ion Ratio Lower Upper
225 100
223 62.8 49.7 74.5
227 60.4 52.1 78.1



#36
4-Chloro-3-methylphenol
Concen: 3.376 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:107 Resp: 79289
Ion Ratio Lower Upper
107 100
144 28.0 22.2 33.4
142 82.5 68.7 103.1





#37

2-Methylnaphthalene

Concen: 3.851 ng

RT: 12.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

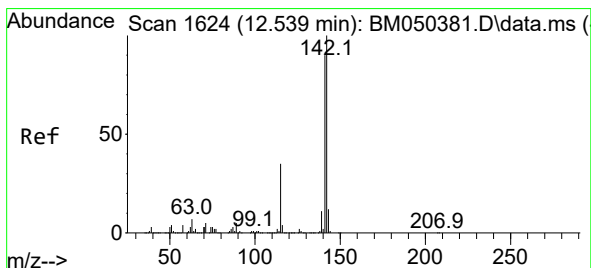
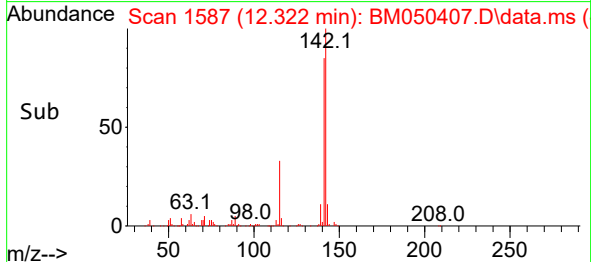
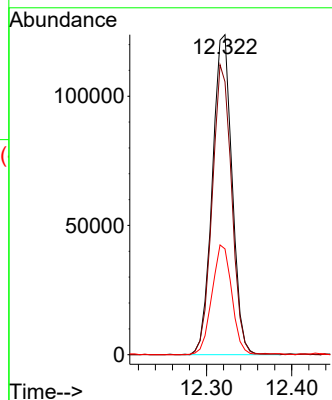
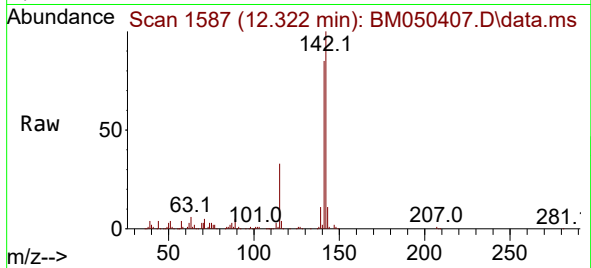
Tgt Ion:142 Resp: 199338

Ion Ratio Lower Upper

142 100

141 85.2 70.8 106.2

115 33.1 27.0 40.4



#38

1-Methylnaphthalene

Concen: 3.934 ng

RT: 12.539 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

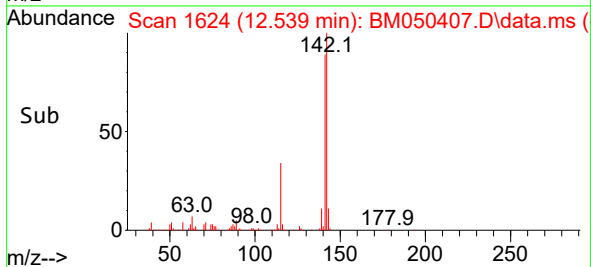
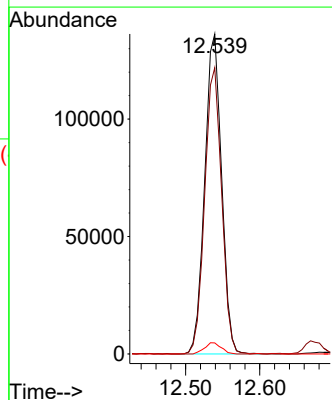
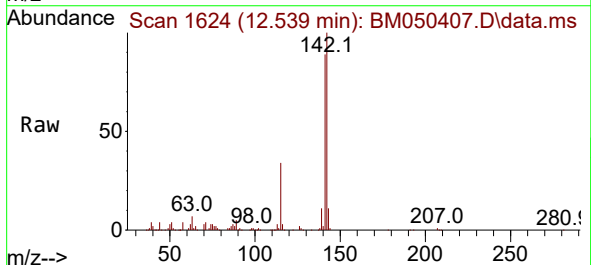
Tgt Ion:142 Resp: 215489

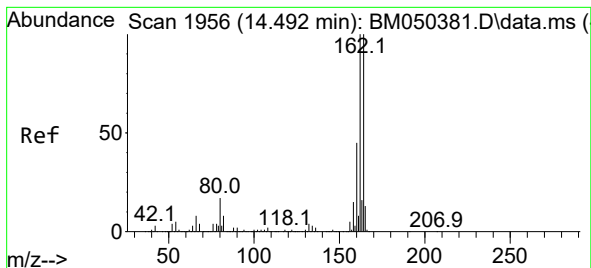
Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

116 3.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

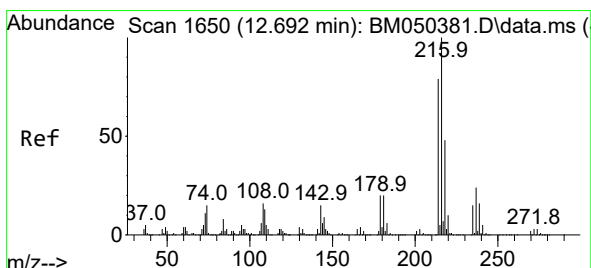
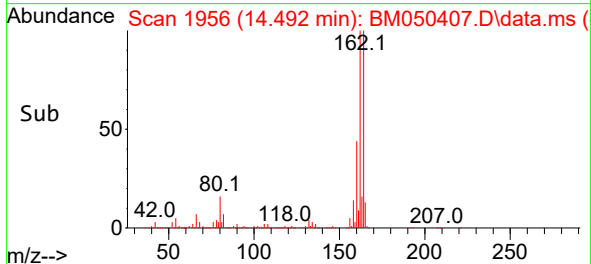
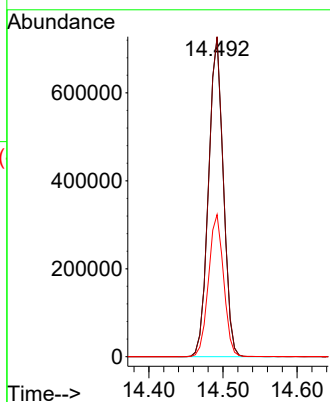
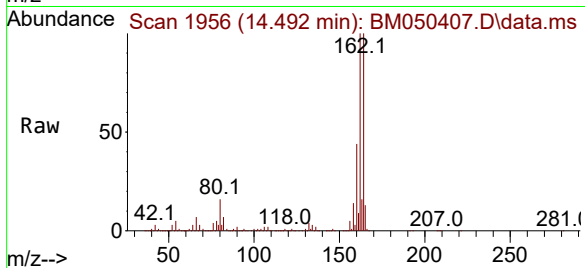
Tgt Ion:164 Resp: 1006200

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.943 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Tgt Ion:216 Resp: 126161

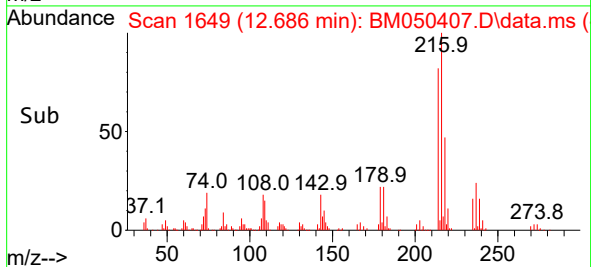
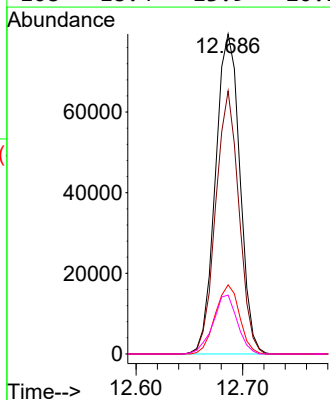
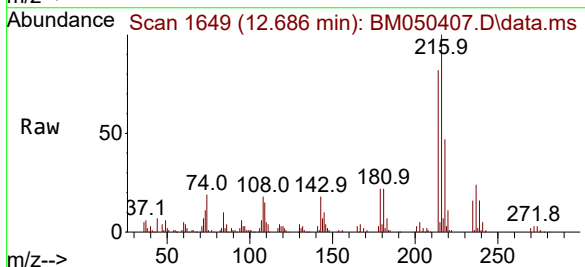
Ion Ratio Lower Upper

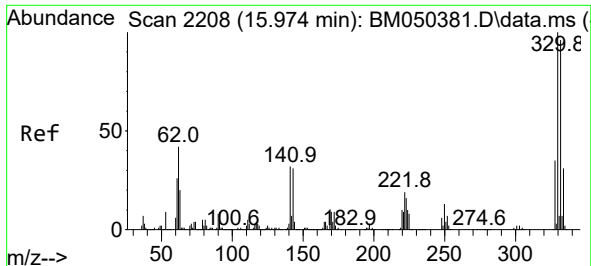
216 100

214 78.3 63.3 94.9

179 21.4 16.4 24.6

108 18.4 13.9 20.9

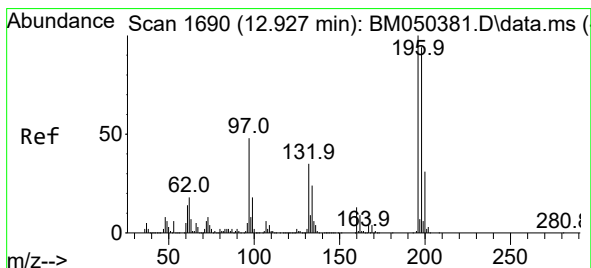
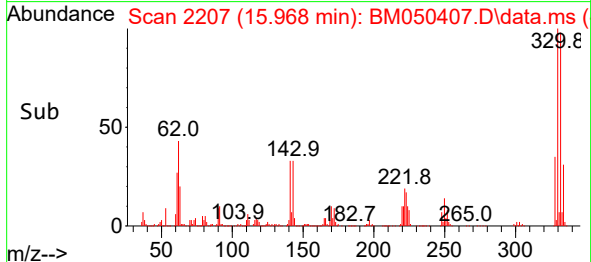
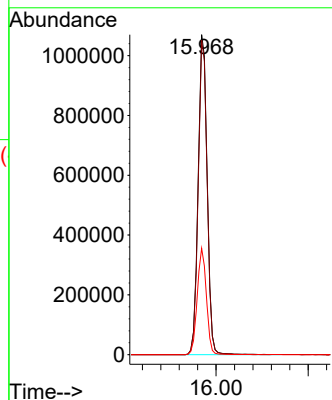
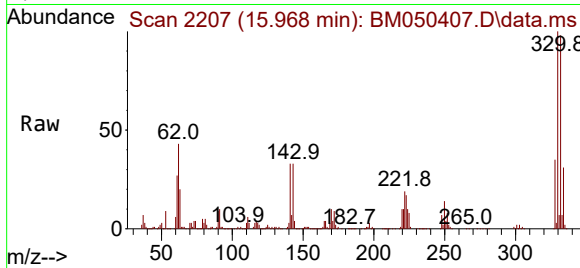




#42
2,4,6-Tribromophenol
Concen: 118.738 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

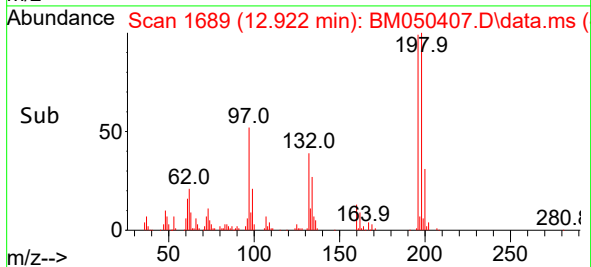
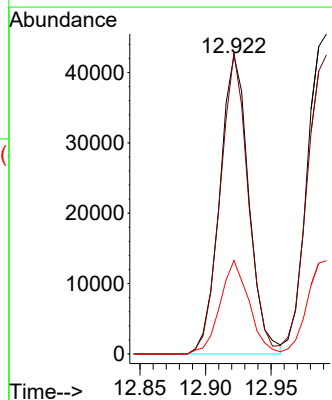
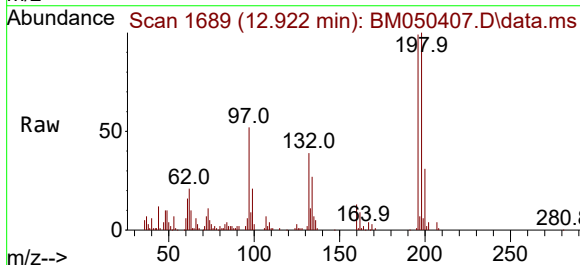
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

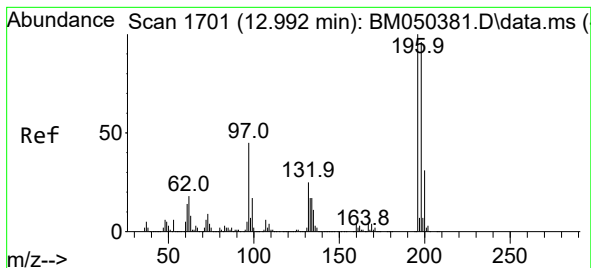
Tgt Ion:330 Resp: 1451621
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 33.7 27.4 41.0



#43
2,4,6-Trichlorophenol
Concen: 3.327 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:196 Resp: 65534
Ion Ratio Lower Upper
196 100
198 100.7 75.1 112.7
200 31.3 24.6 37.0





#44

2,4,5-Trichlorophenol

Concen: 3.440 ng

RT: 12.992 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050407.D

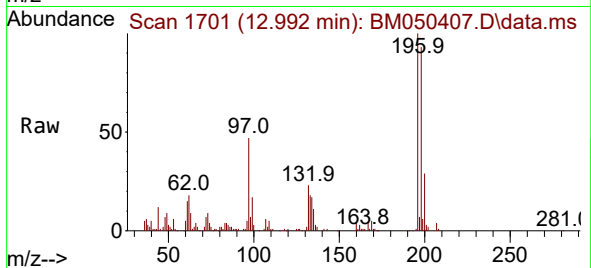
Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025



Tgt Ion:196 Resp: 73994

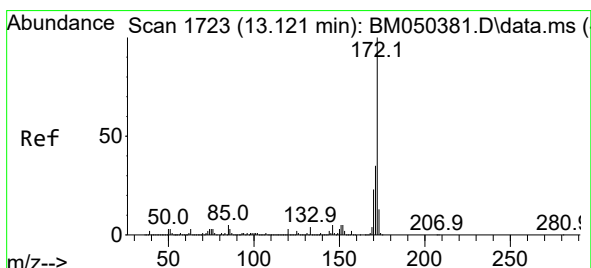
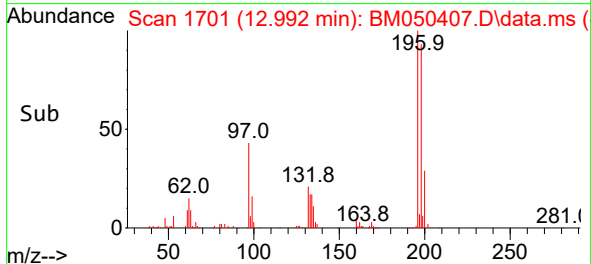
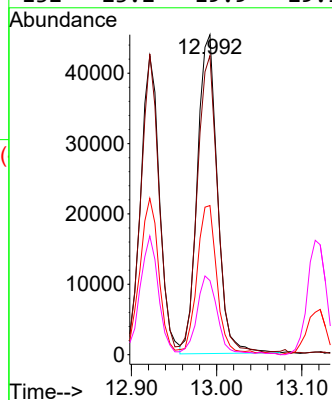
Ion Ratio Lower Upper

196 100

198 93.5 77.2 115.8

97 46.6 36.2 54.4

132 23.2 19.9 29.9



#45

2-Fluorobiphenyl

Concen: 73.488 ng

RT: 13.116 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

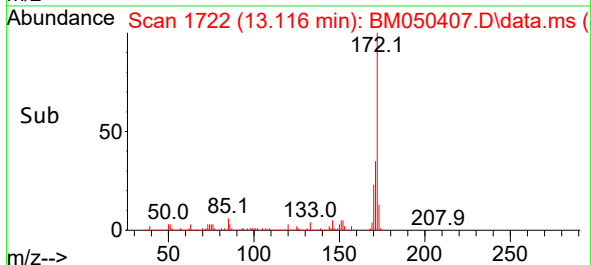
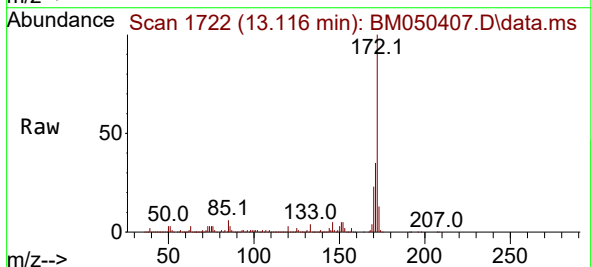
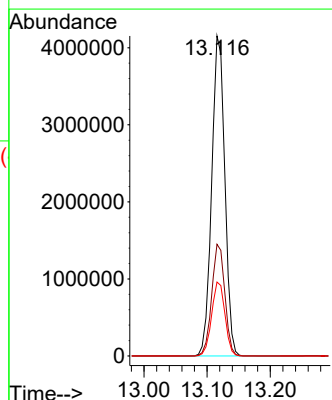
Tgt Ion:172 Resp: 5987659

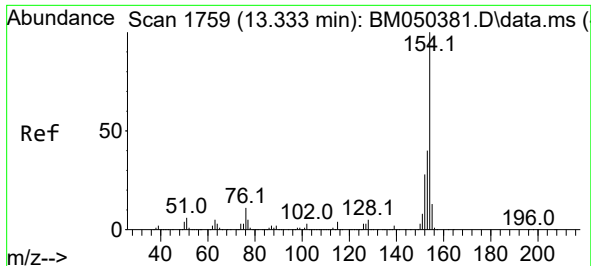
Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.1 18.8 28.2

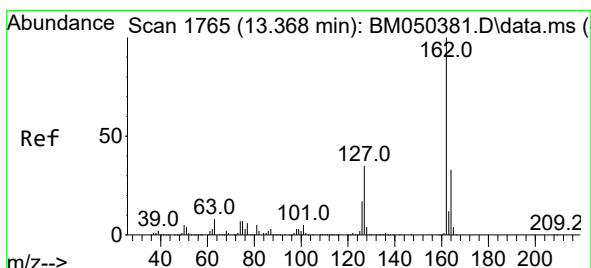
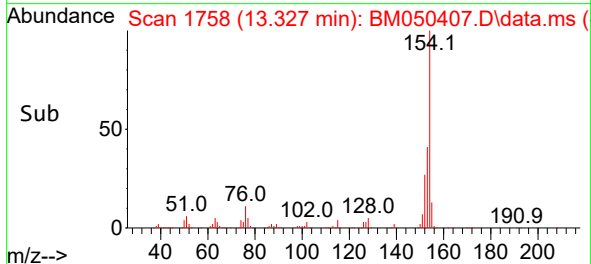
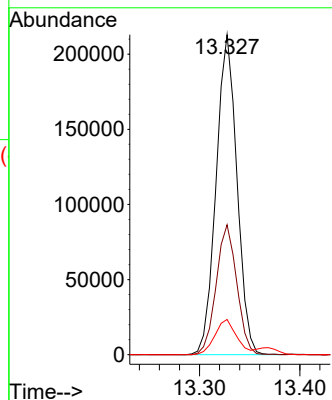
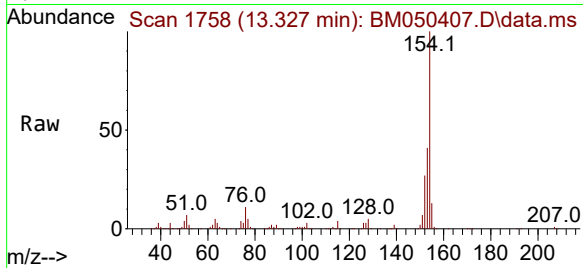




#46
1,1'-Biphenyl
Concen: 4.113 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

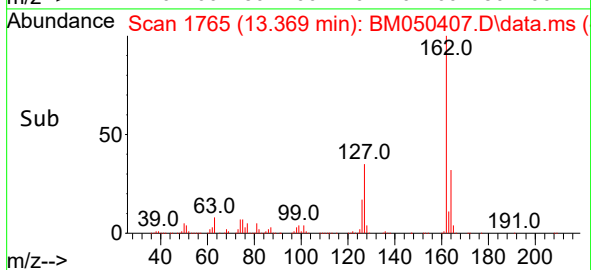
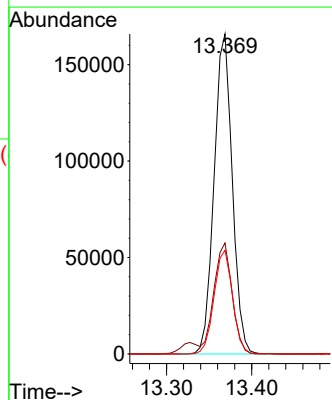
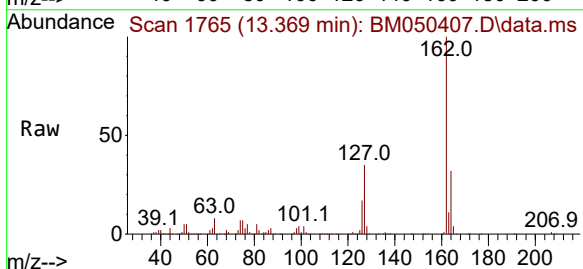
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

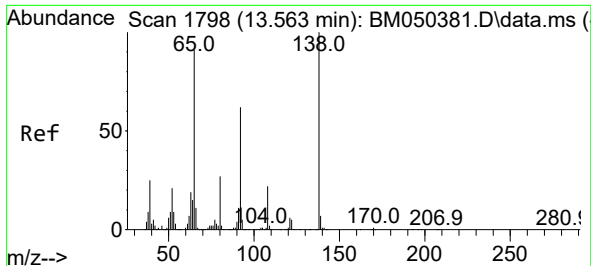
Tgt Ion:154 Resp: 307080
Ion Ratio Lower Upper
154 100
153 40.6 19.7 59.7
76 11.0 0.0 30.9



#47
2-Chloronaphthalene
Concen: 4.130 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:162 Resp: 245824
Ion Ratio Lower Upper
162 100
127 34.7 28.3 42.5
164 32.4 26.6 40.0

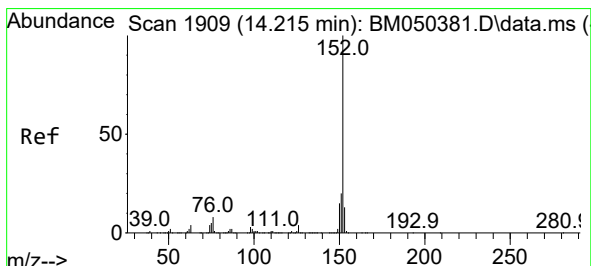
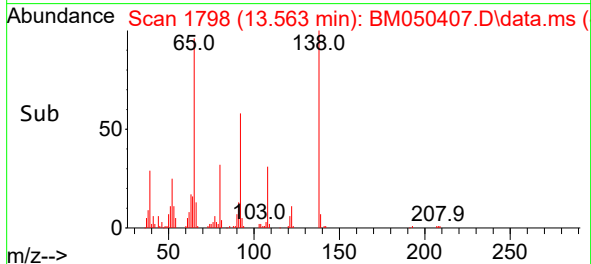
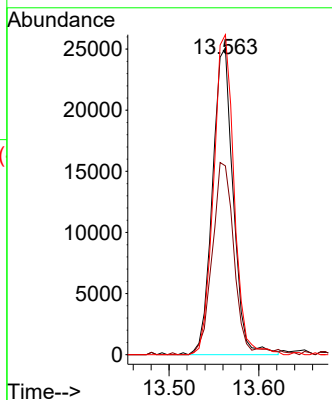
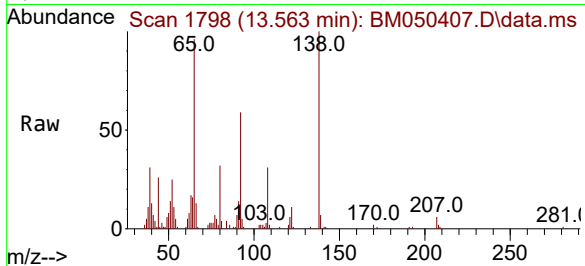




#48
2-Nitroaniline
Concen: 3.038 ng
RT: 13.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

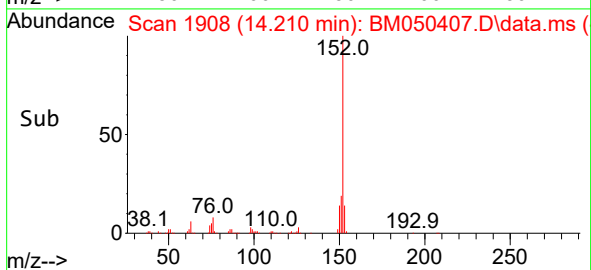
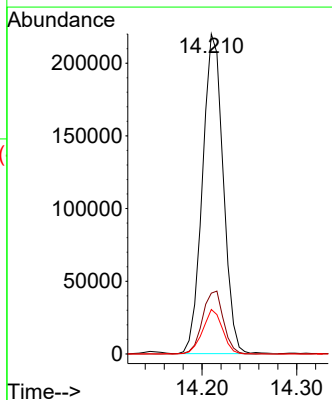
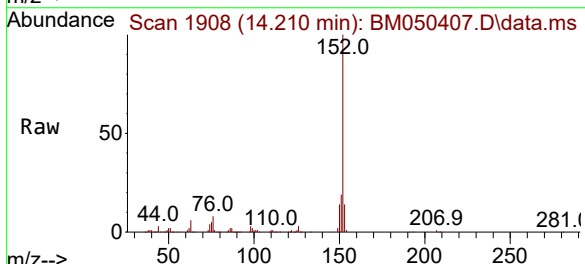
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

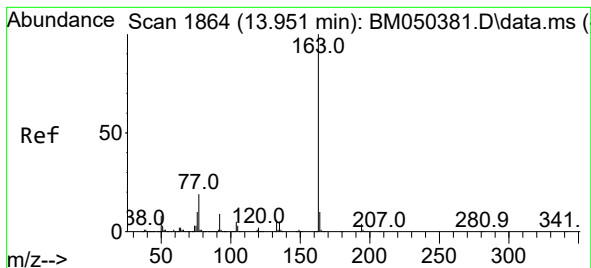
Tgt Ion: 65 Resp: 40360
Ion Ratio Lower Upper
65 100
92 61.5 54.3 81.5
138 104.2 87.8 131.6



#49
Acenaphthylene
Concen: 3.714 ng
RT: 14.210 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion: 152 Resp: 334058
Ion Ratio Lower Upper
152 100
151 19.0 16.3 24.5
153 13.9 10.6 15.8





#50

Dimethylphthalate

Concen: 3.870 ng

RT: 13.945 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

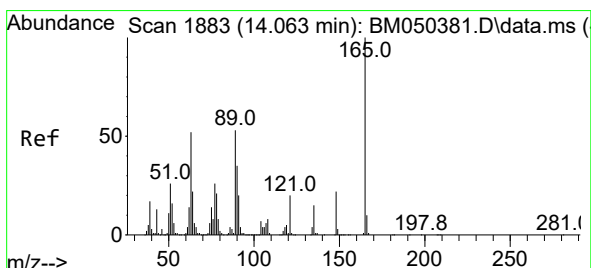
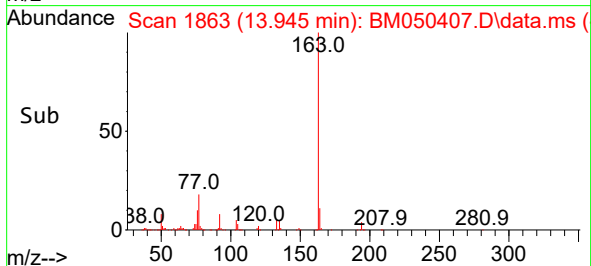
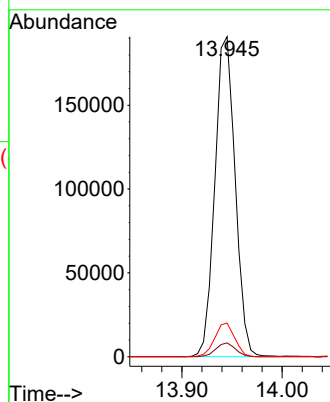
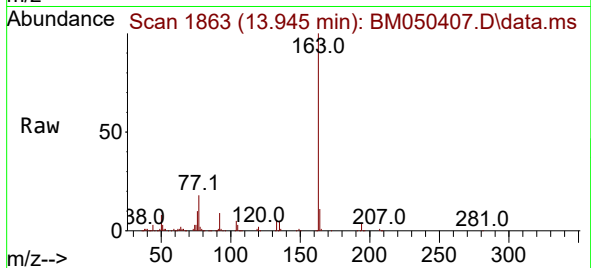
Tgt Ion:163 Resp: 268058

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.5 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 3.268 ng

RT: 14.051 min Scan# 1881

Delta R.T. -0.012 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

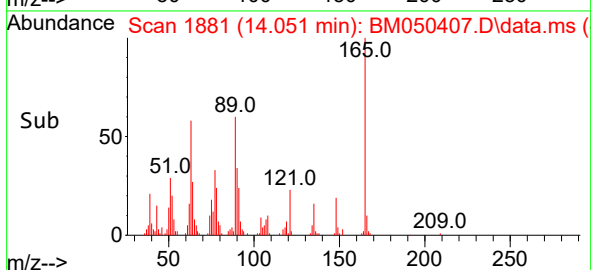
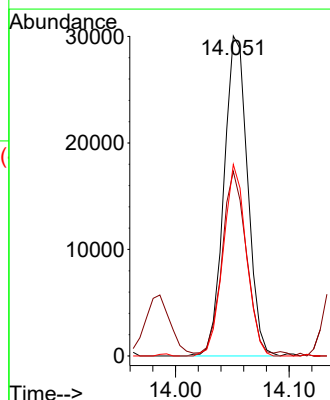
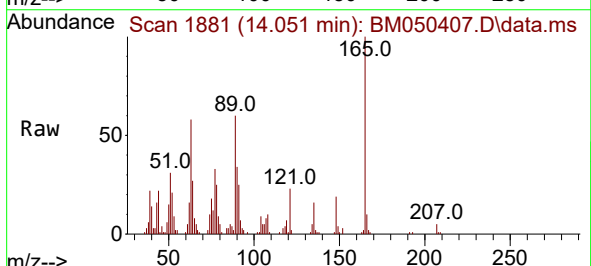
Tgt Ion:165 Resp: 43461

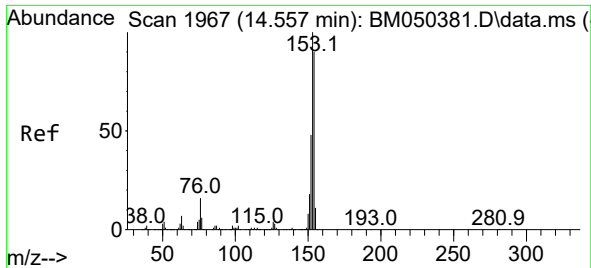
Ion Ratio Lower Upper

165 100

63 57.6 42.4 63.6

89 59.9 42.2 63.2

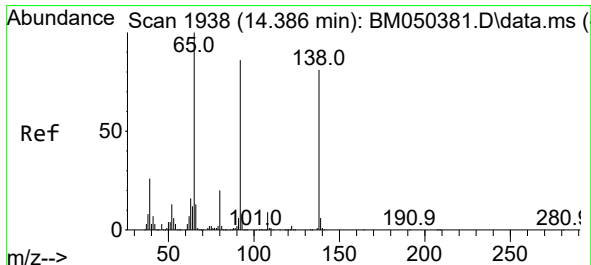
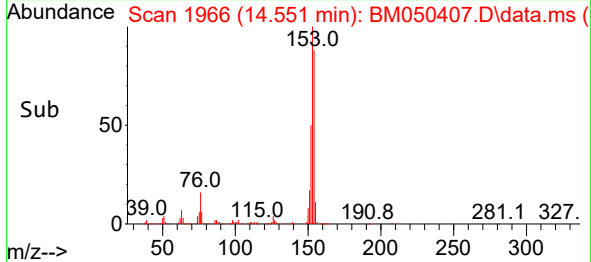
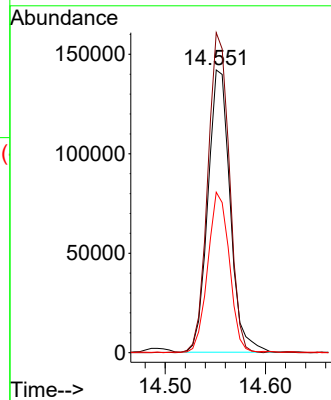
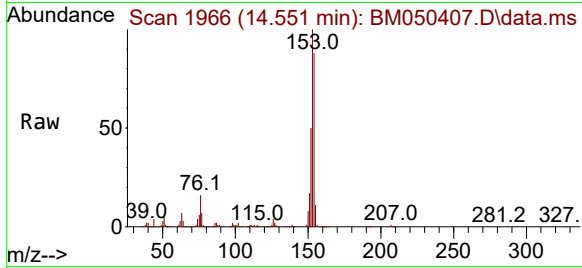




#52
Acenaphthene
Concen: 3.834 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

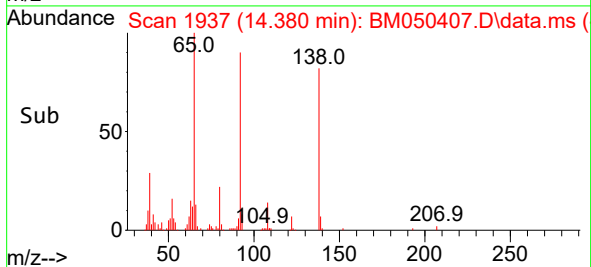
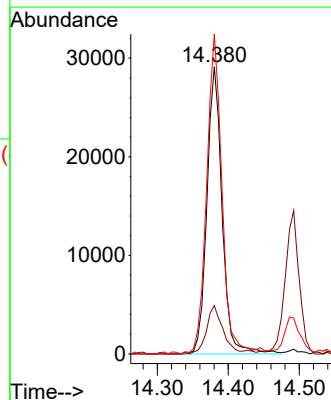
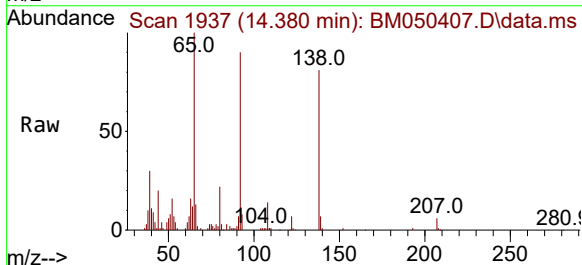
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

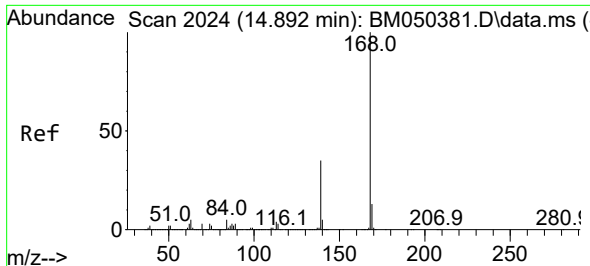
Tgt Ion:154 Resp: 219275
Ion Ratio Lower Upper
154 100
153 113.2 89.2 133.8
152 56.8 42.6 64.0



#53
3-Nitroaniline
Concen: 3.072 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:138 Resp: 43451
Ion Ratio Lower Upper
138 100
108 16.8 8.8 13.2#
92 111.4 85.0 127.6

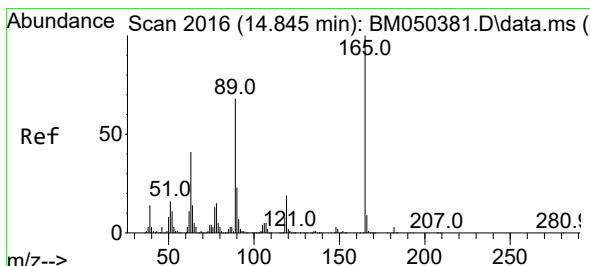
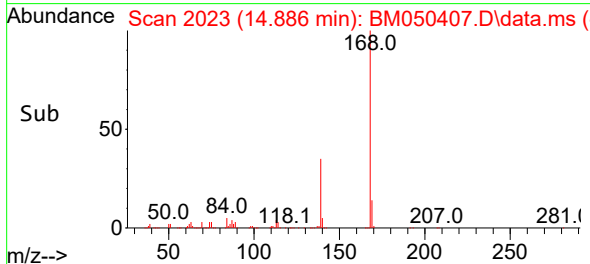
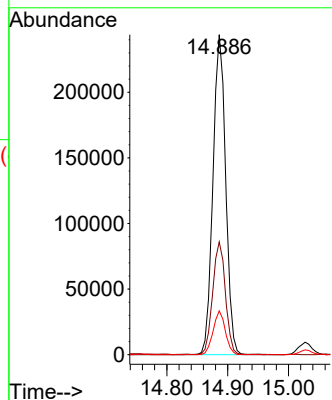
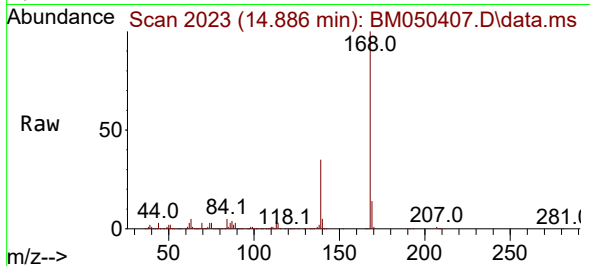




#55
Dibenzenofuran
Concen: 4.014 ng
RT: 14.886 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

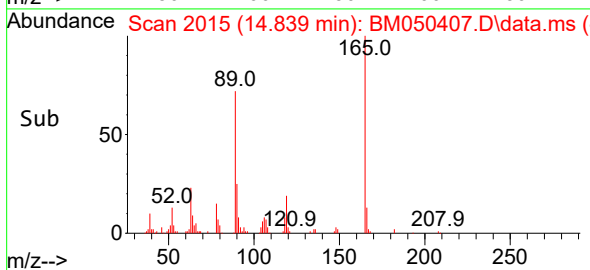
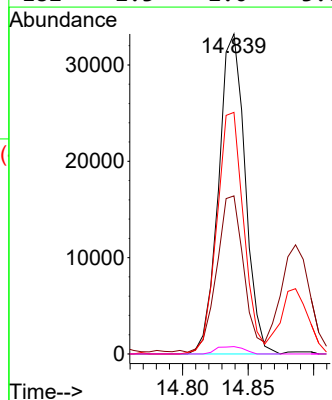
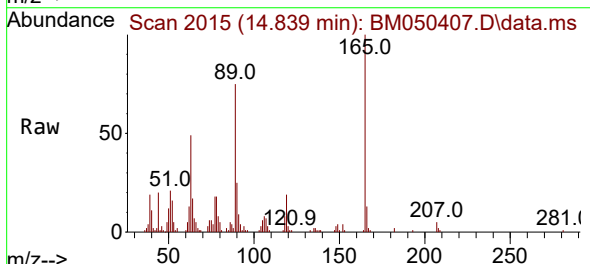
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

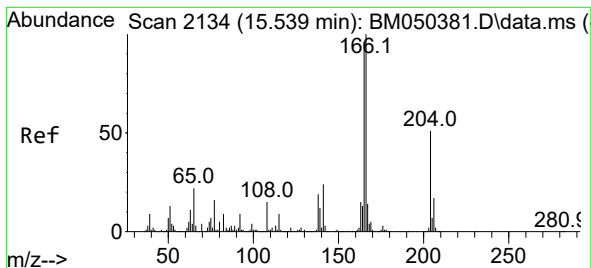
Tgt Ion:168 Resp: 353703
Ion Ratio Lower Upper
168 100
139 35.3 27.7 41.5
169 13.7 10.7 16.1



#57
2,4-Dinitrotoluene
Concen: 4.941 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:165 Resp: 46798
Ion Ratio Lower Upper
165 100
63 49.4 32.5 48.7#
89 75.5 54.0 81.0
182 2.3 2.0 3.0





#58

Fluorene

Concen: 3.739 ng

RT: 15.533 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

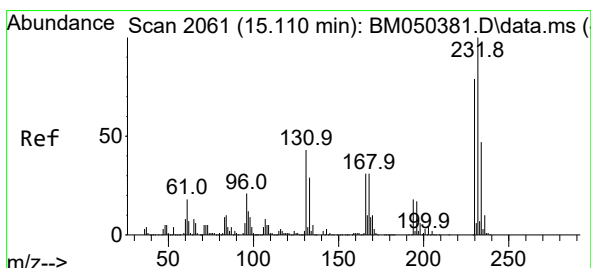
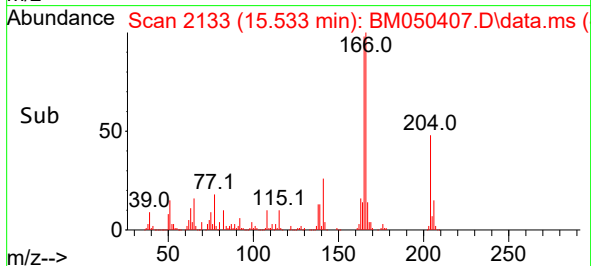
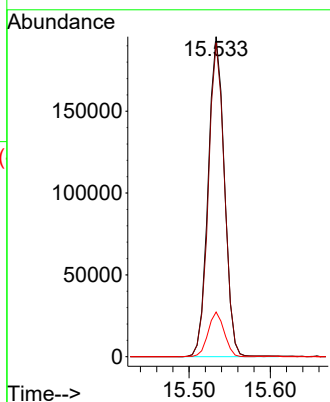
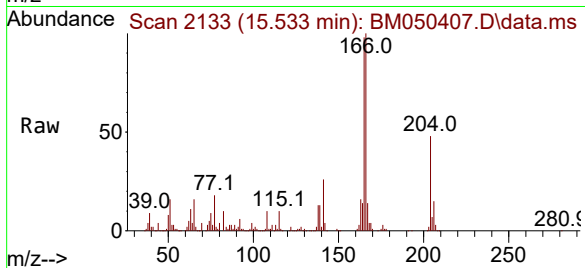
Tgt Ion:166 Resp: 271404

Ion Ratio Lower Upper

166 100

165 98.1 77.0 115.6

167 14.0 10.9 16.3



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.268 ng

RT: 15.110 min Scan# 2061

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Tgt Ion:232 Resp: 59170

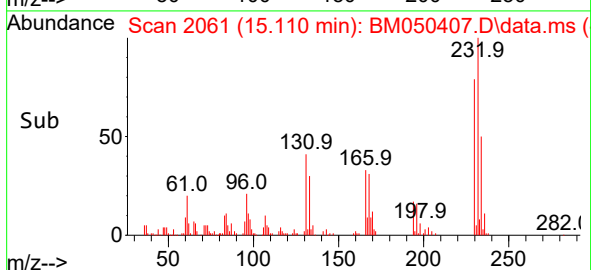
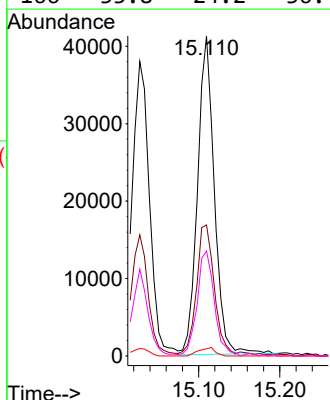
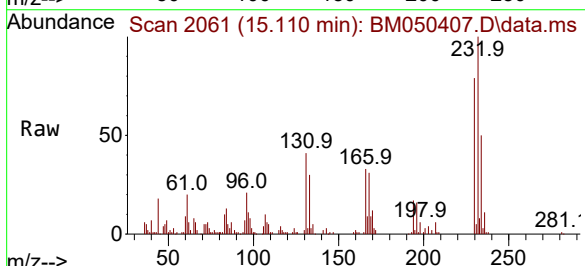
Ion Ratio Lower Upper

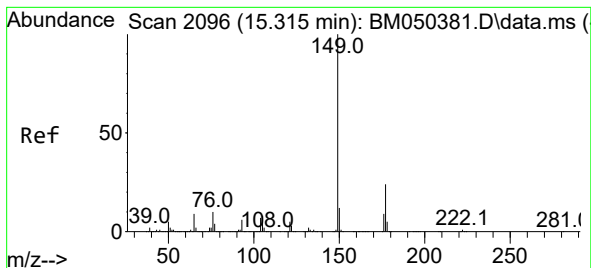
232 100

131 43.6 33.4 50.0

130 2.6 1.8 2.6

166 33.8 24.2 36.4





#60

Diethylphthalate

Concen: 3.641 ng

RT: 15.304 min Scan# 2096

Delta R.T. -0.012 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

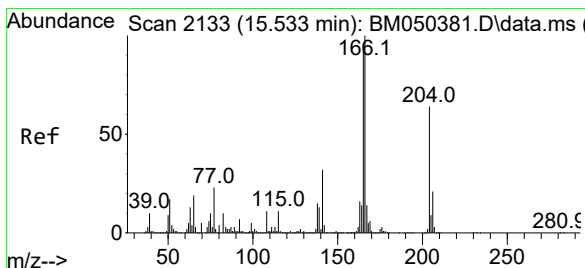
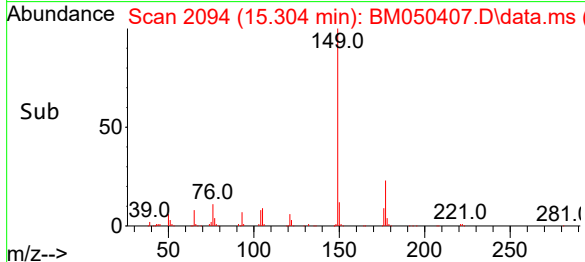
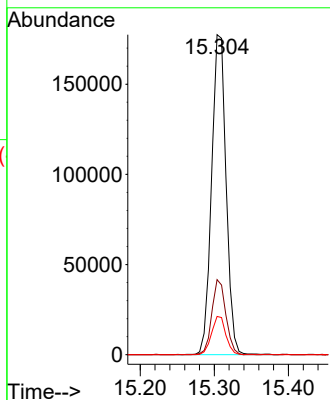
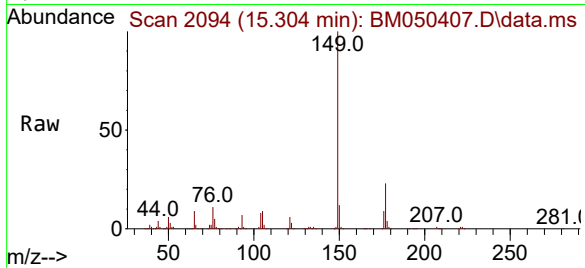
Tgt Ion:149 Resp: 240967

Ion Ratio Lower Upper

149 100

177 23.4 18.8 28.2

150 12.0 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 3.611 ng

RT: 15.527 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

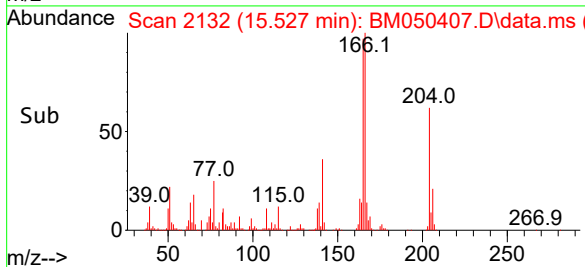
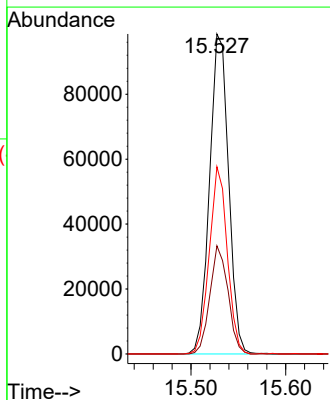
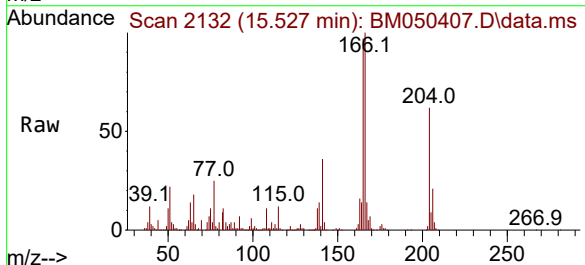
Tgt Ion:204 Resp: 137044

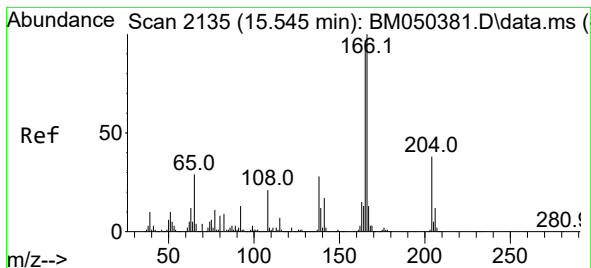
Ion Ratio Lower Upper

204 100

206 33.8 26.6 39.8

141 58.5 39.9 59.9

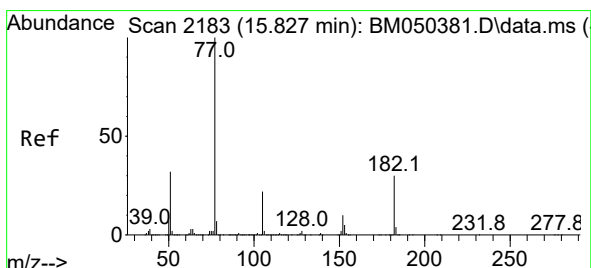
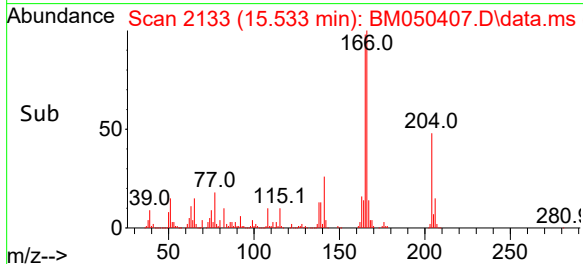
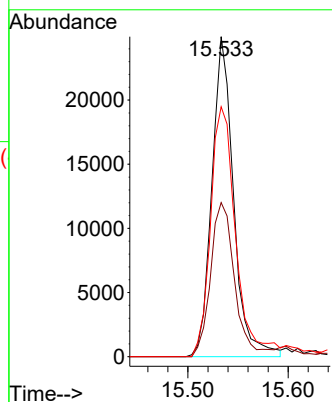
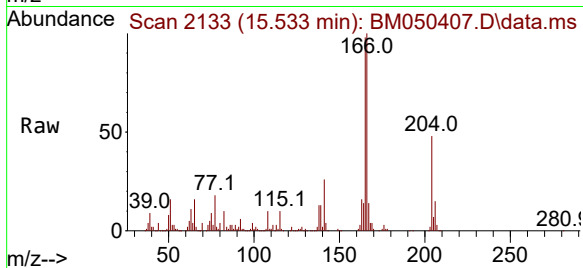




#62
4-Nitroaniline
Concen: 4.757 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

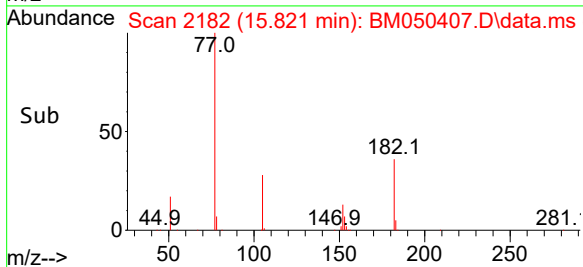
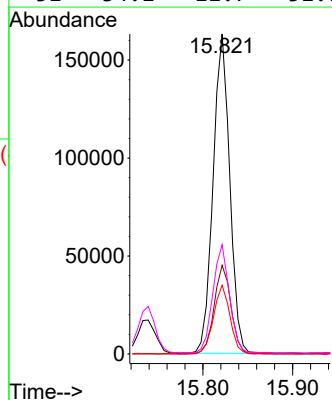
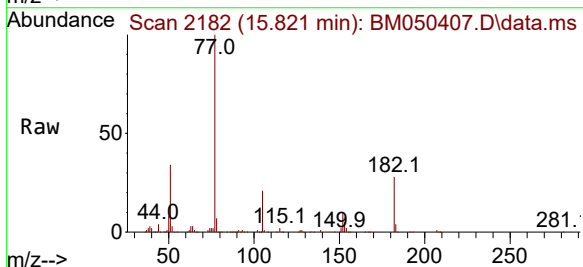
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

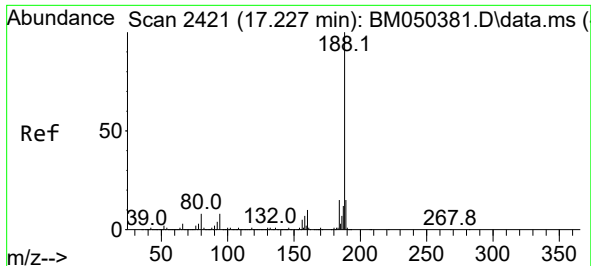
Tgt Ion:138 Resp: 37296
Ion Ratio Lower Upper
138 100
92 48.1 24.5 64.5
108 78.1 52.5 92.5



#63
Azobenzene
Concen: 3.463 ng
RT: 15.821 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion: 77 Resp: 210422
Ion Ratio Lower Upper
77 100
182 27.7 10.0 50.0
105 21.5 2.0 42.0
51 34.1 11.7 51.7

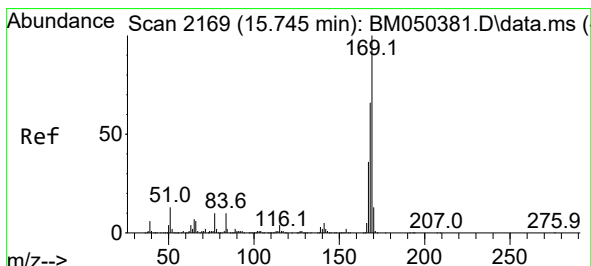
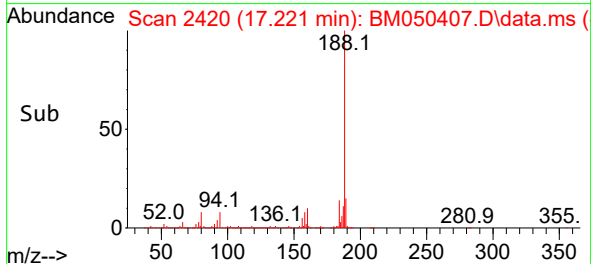
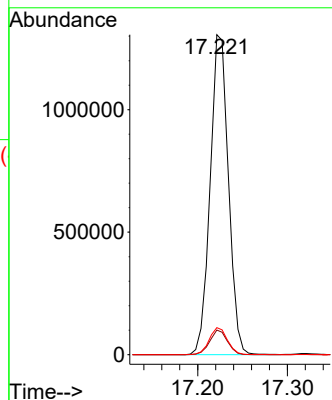
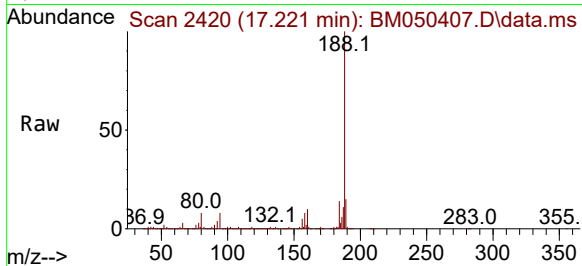




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

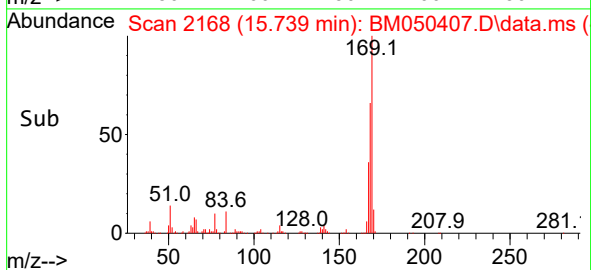
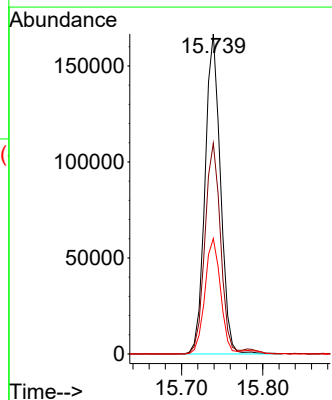
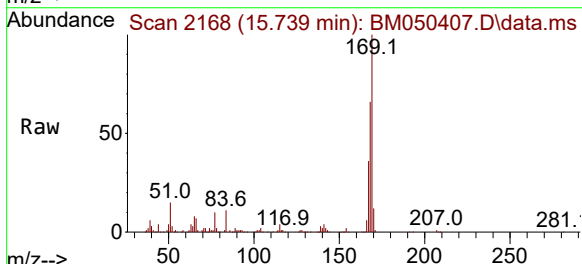
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

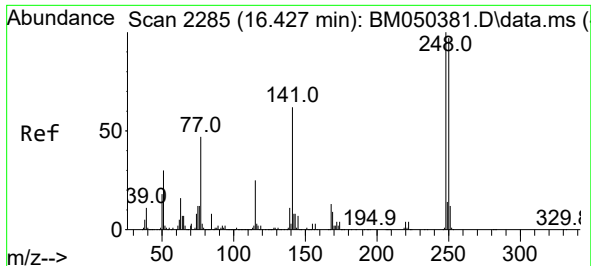
Tgt Ion:188 Resp: 1845780
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 8.4 6.5 9.7



#66
n-Nitrosodiphenylamine
Concen: 3.800 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:169 Resp: 219487
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.0 28.7 43.1

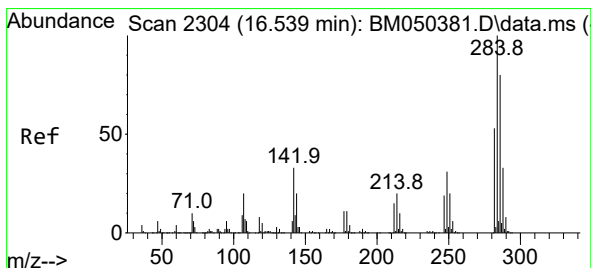
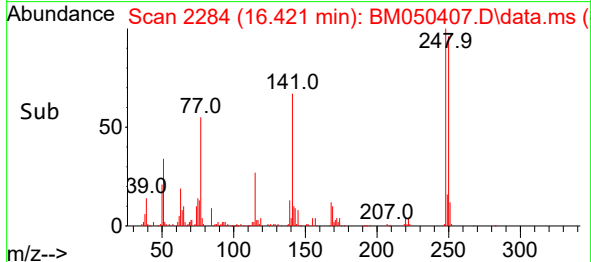
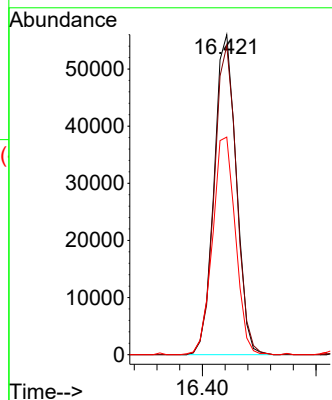
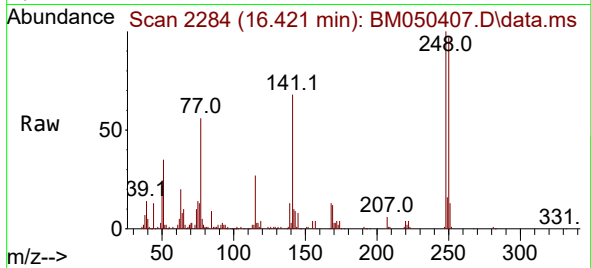




#67
4-Bromophenyl-phenylether
Concen: 3.734 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

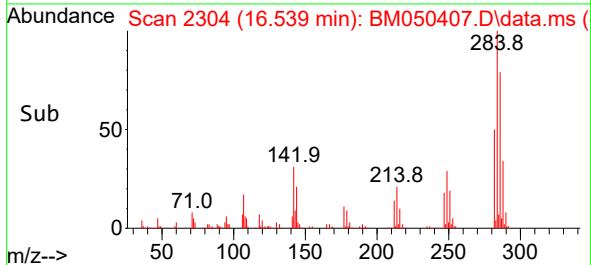
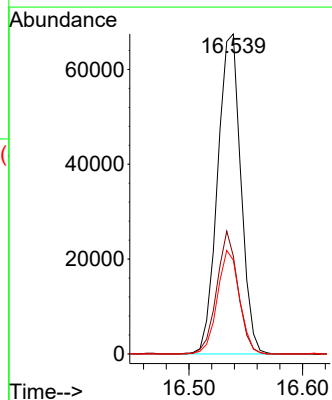
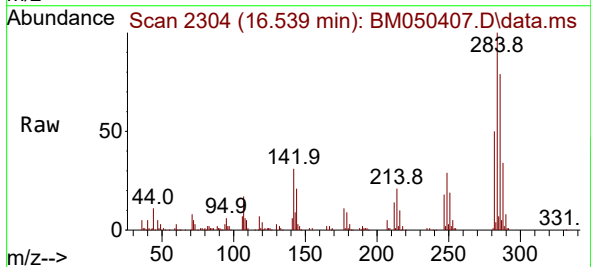
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

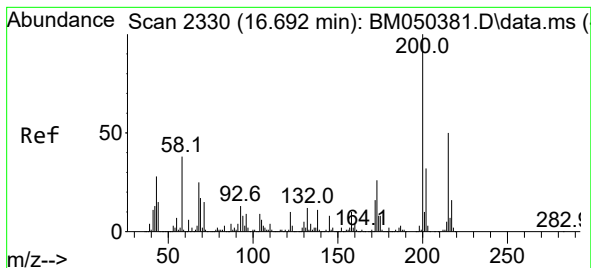
Tgt Ion:248 Resp: 75934
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 68.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 3.994 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:284 Resp: 95935
Ion Ratio Lower Upper
284 100
142 30.6 26.8 40.2
249 29.4 24.5 36.7





#69

Atrazine

Concen: 3.297 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

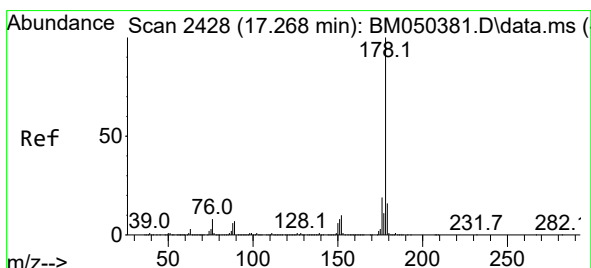
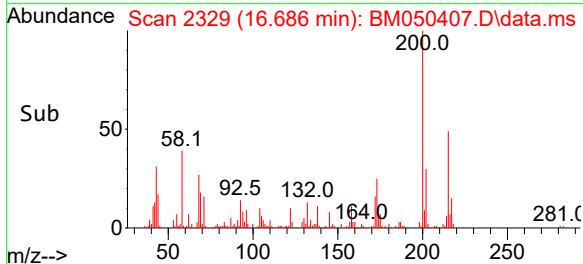
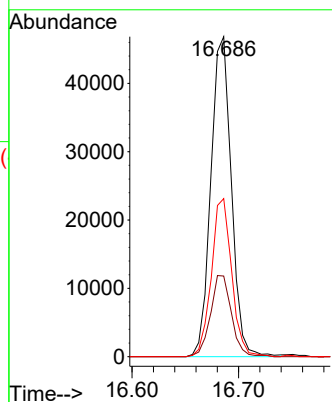
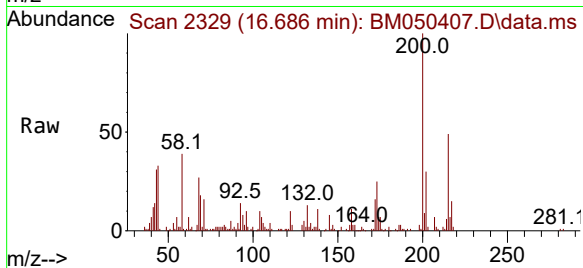
Tgt Ion:200 Resp: 62521

Ion Ratio Lower Upper

200 100

173 25.2 5.6 45.6

215 49.4 29.6 69.6



#71

Phenanthrene

Concen: 3.992 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

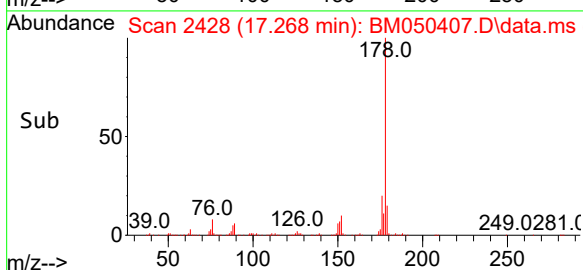
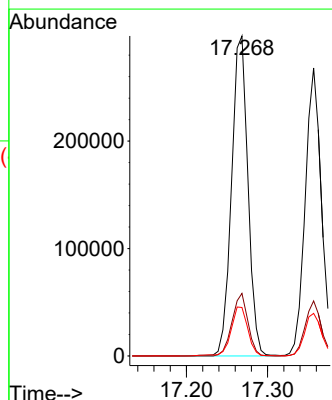
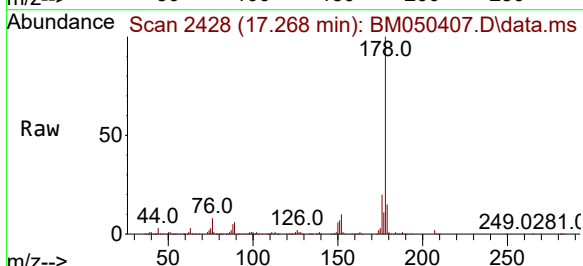
Tgt Ion:178 Resp: 416893

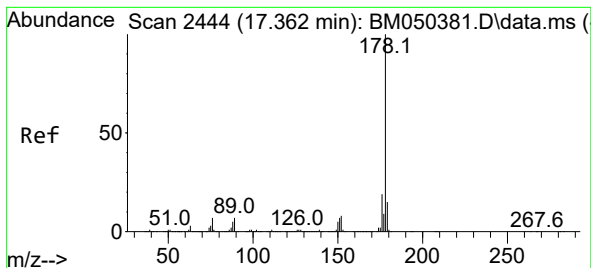
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.2 12.5 18.7





#72

Anthracene

Concen: 3.641 ng

RT: 17.357 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

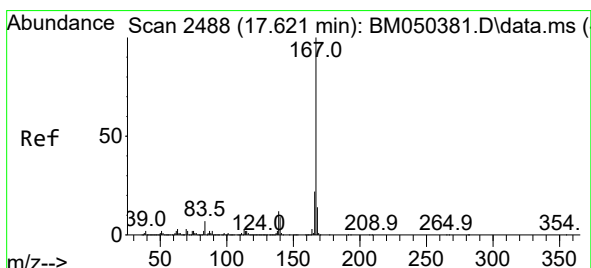
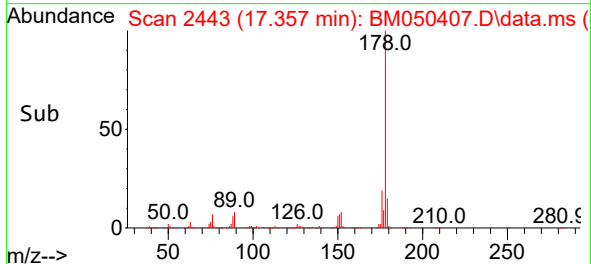
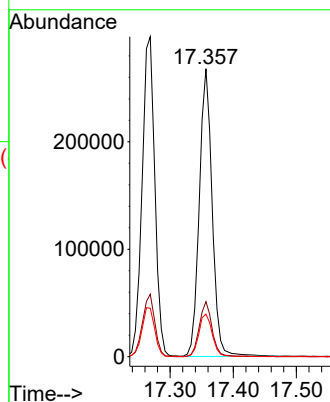
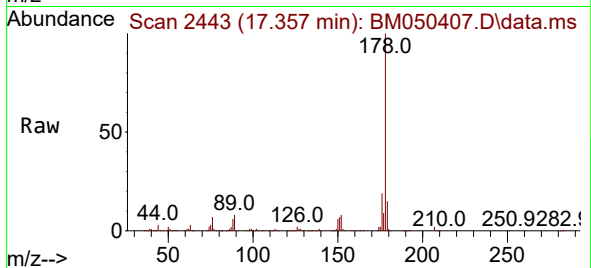
Tgt Ion:178 Resp: 378486

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 14.8 12.2 18.4



#73

Carbazole

Concen: 3.601 ng

RT: 17.621 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

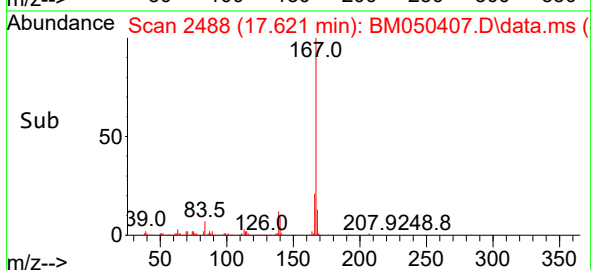
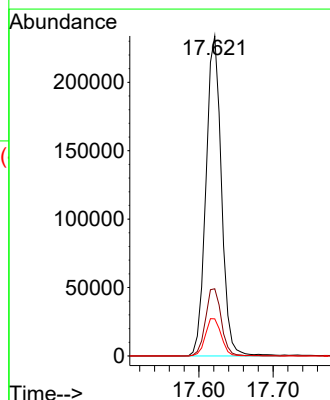
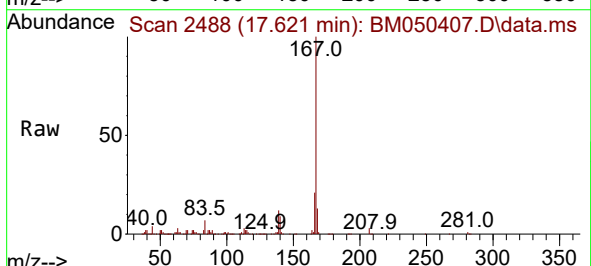
Tgt Ion:167 Resp: 338749

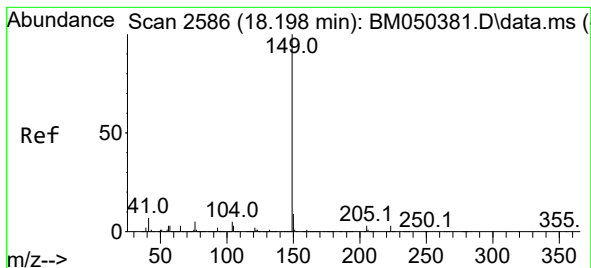
Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 11.6 9.9 14.9





#74

Di-n-butylphthalate

Concen: 3.160 ng

RT: 18.192 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

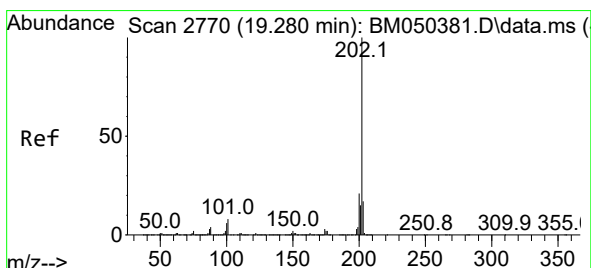
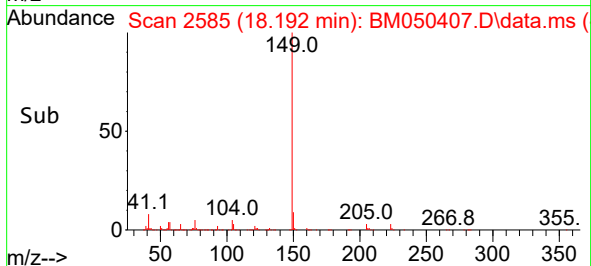
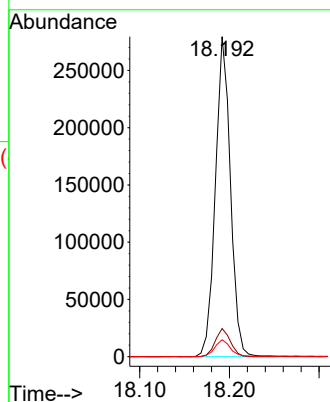
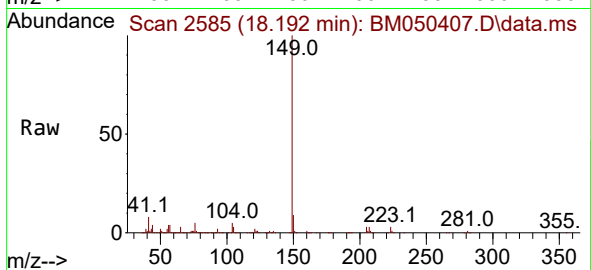
Tgt Ion:149 Resp: 325326

Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.3 3.9 5.9



#75

Fluoranthene

Concen: 3.467 ng

RT: 19.274 min Scan# 2769

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

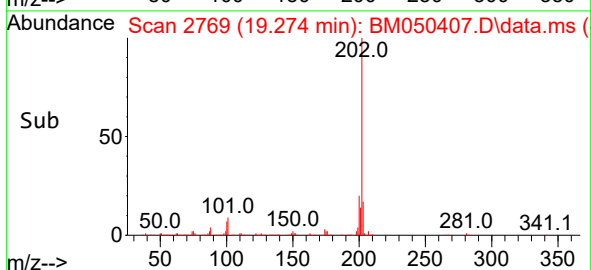
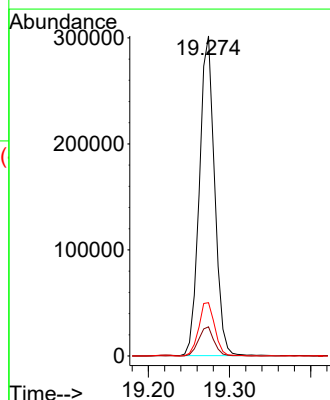
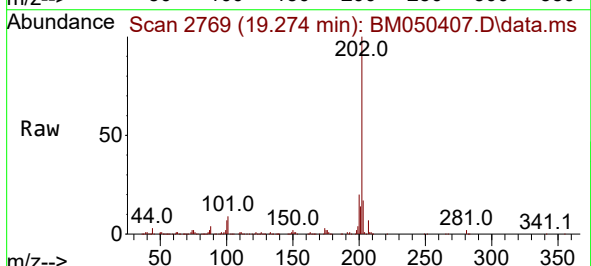
Tgt Ion:202 Resp: 393607

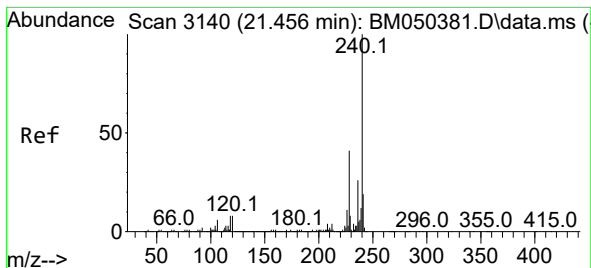
Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.3

203 16.7 0.0 37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

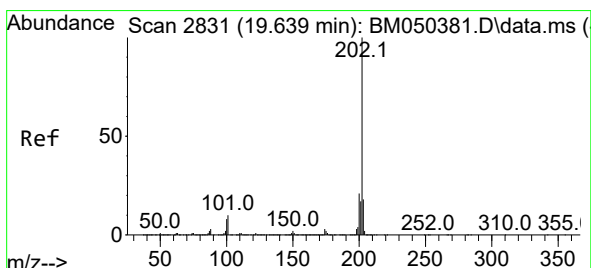
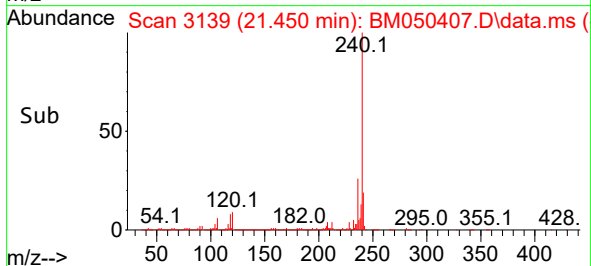
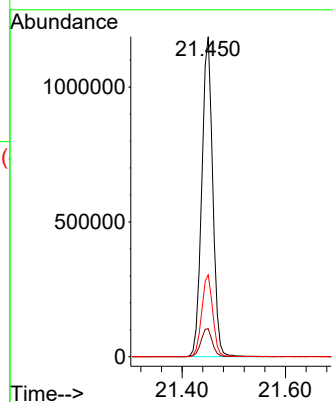
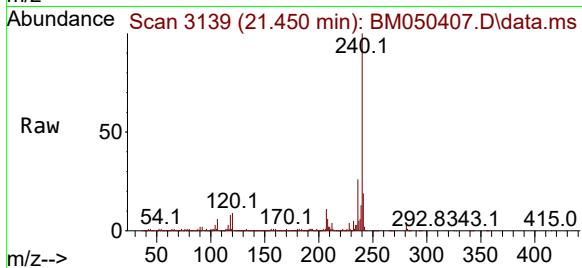
Tgt Ion:240 Resp: 1742549

Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

236 25.6 20.7 31.1



#78

Pyrene

Concen: 3.787 ng

RT: 19.633 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

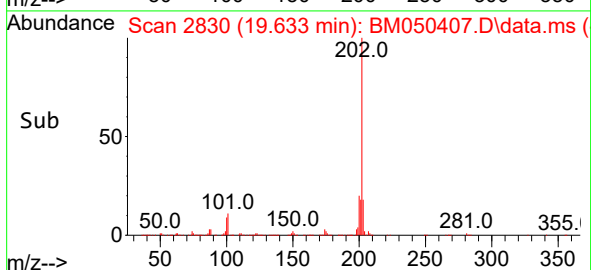
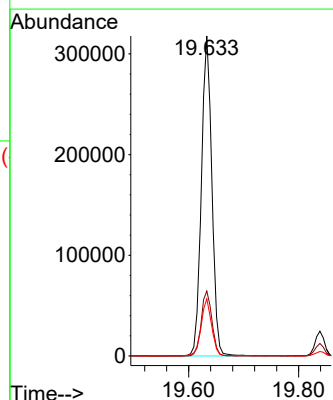
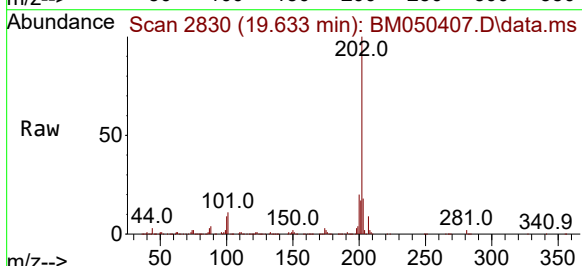
Tgt Ion:202 Resp: 422615

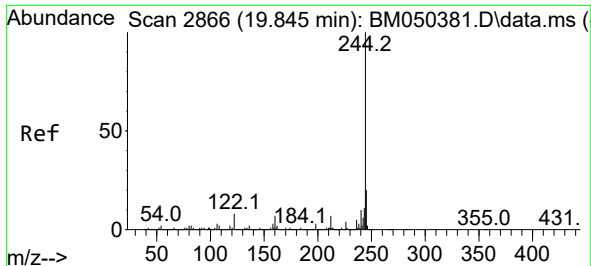
Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

203 17.8 14.1 21.1

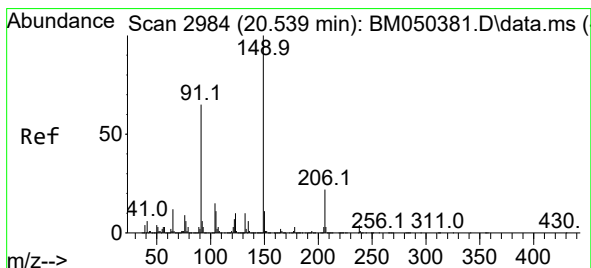
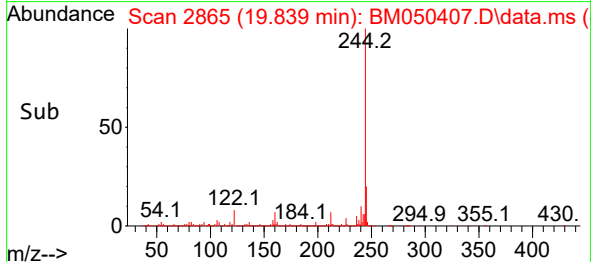
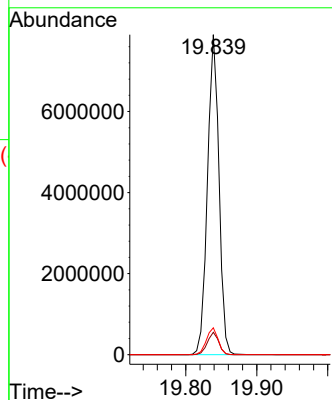
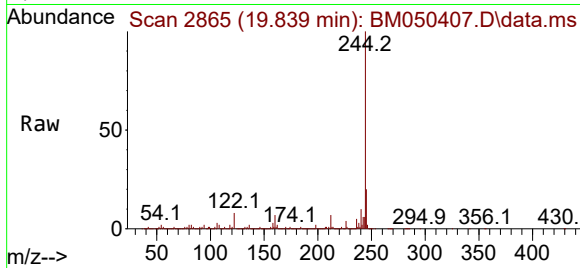




#79
 Terphenyl-d14
 Concen: 89.607 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050407.D
 Acq: 11 Jul 2025 10:59

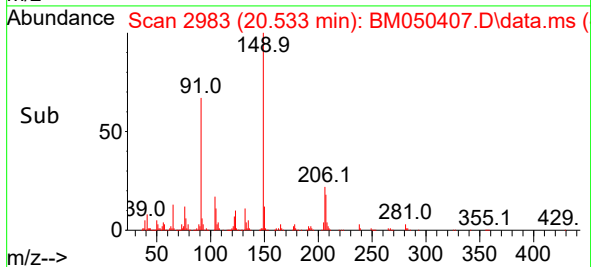
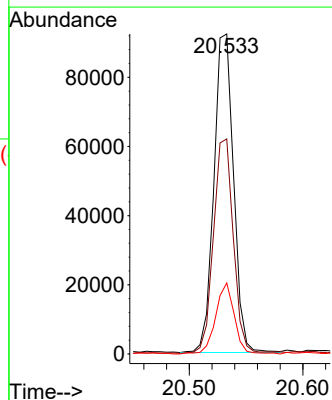
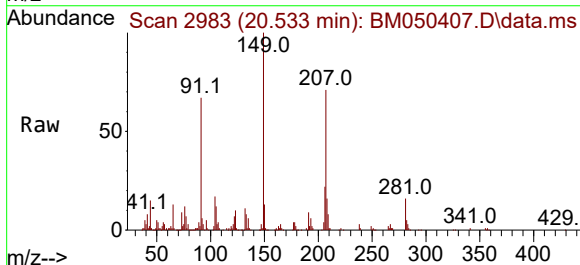
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

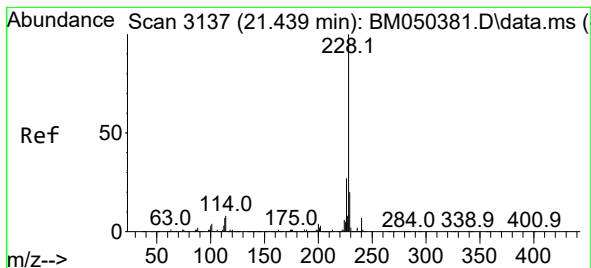
Tgt Ion:244 Resp: 8874607
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.4 6.2 9.2



#80
 Butylbenzylphthalate
 Concen: 3.015 ng
 RT: 20.533 min Scan# 2983
 Delta R.T. -0.006 min
 Lab File: BM050407.D
 Acq: 11 Jul 2025 10:59

Tgt Ion:149 Resp: 110947
 Ion Ratio Lower Upper
 149 100
 91 67.2 51.6 77.4
 206 22.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 3.813 ng

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

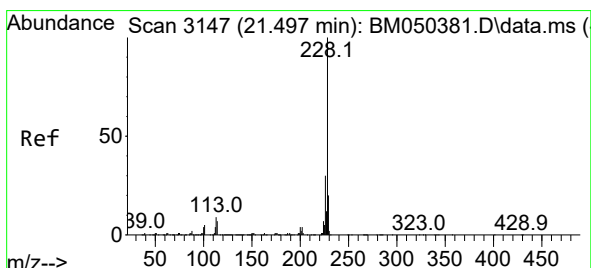
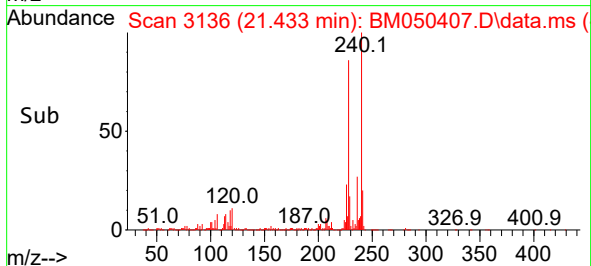
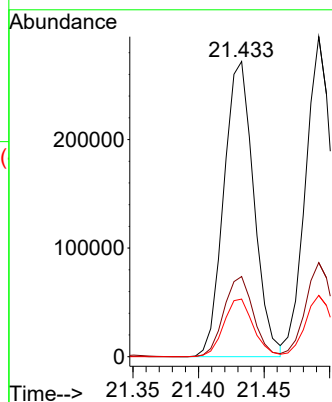
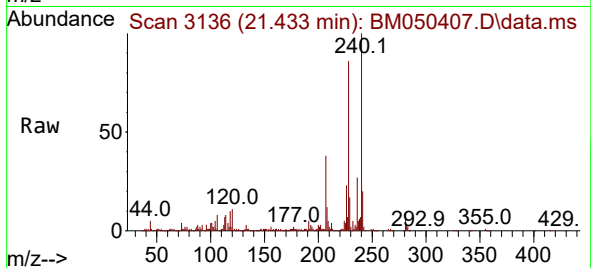
Tgt Ion:228 Resp: 432897

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.5 16.0 24.0



#83

Chrysene

Concen: 3.934 ng

RT: 21.492 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

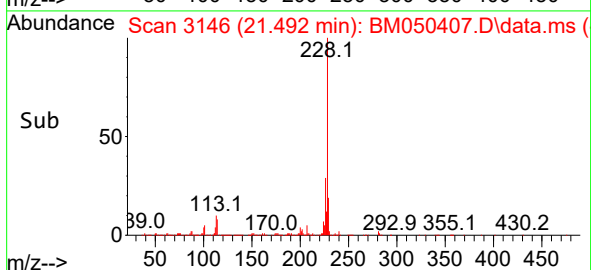
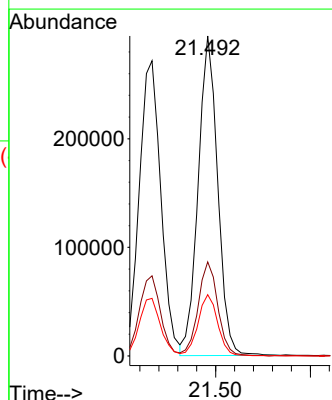
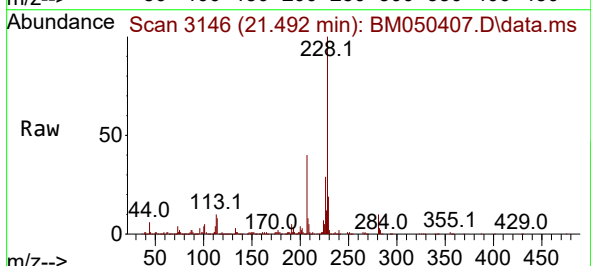
Tgt Ion:228 Resp: 421299

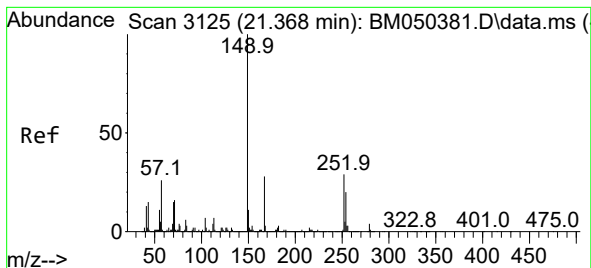
Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

229 19.1 15.8 23.6

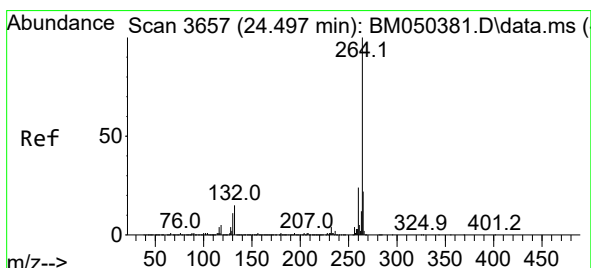
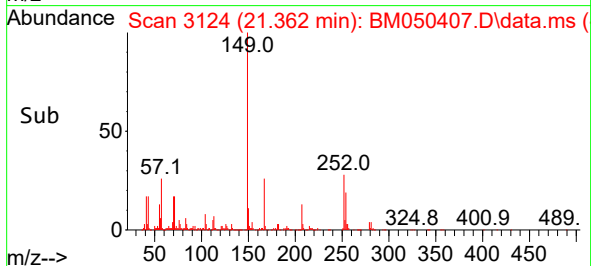
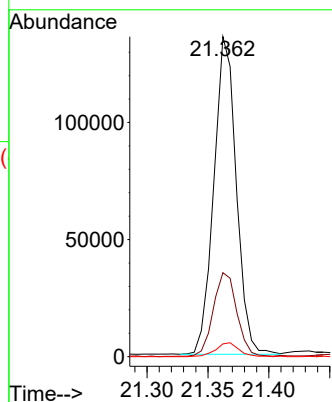
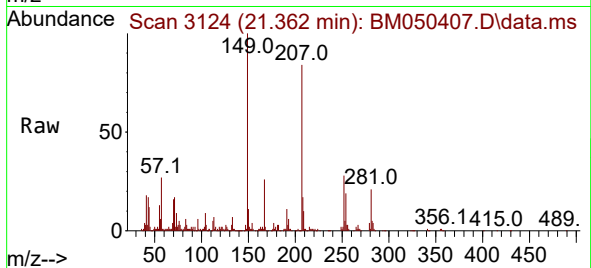




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.975 ng
RT: 21.362 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

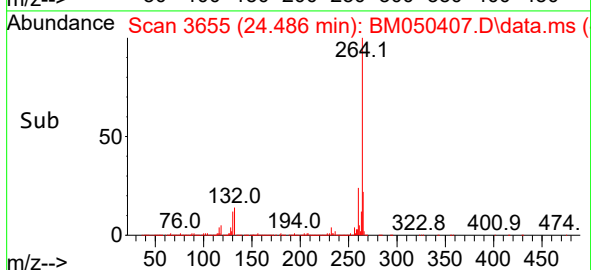
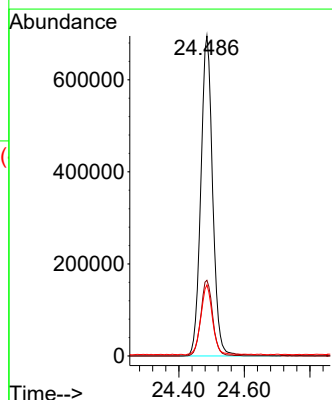
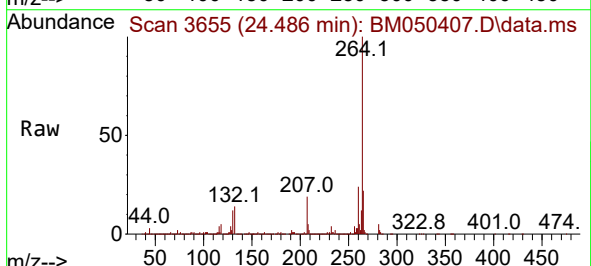
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

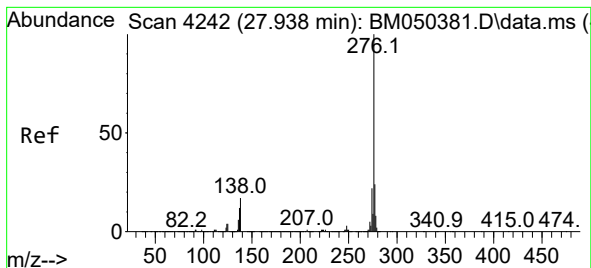
Tgt Ion:149 Resp: 173784
Ion Ratio Lower Upper
149 100
167 26.3 22.7 34.1
279 4.0 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.486 min Scan# 3655
Delta R.T. -0.012 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:264 Resp: 1751119
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.486 ng

RT: 27.909 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

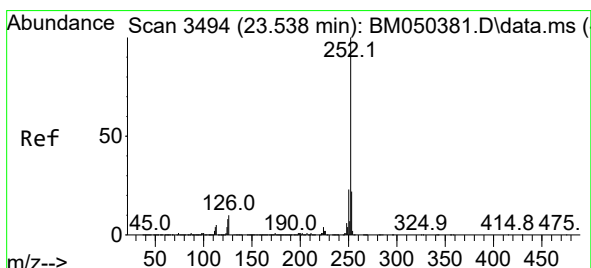
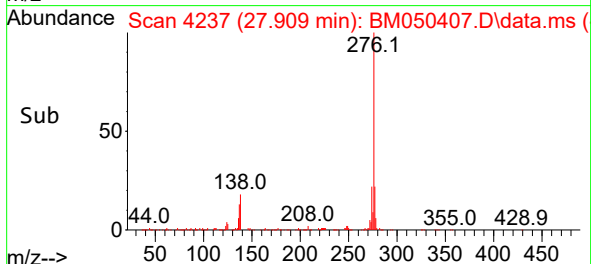
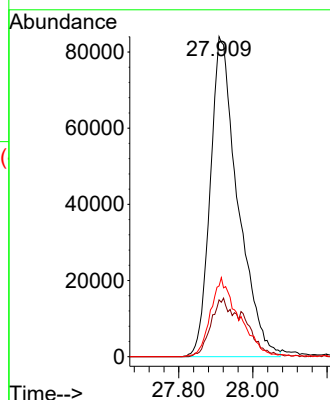
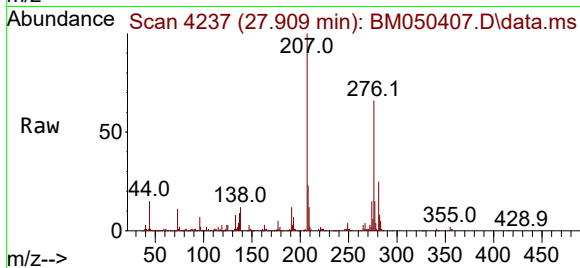
Tgt Ion:276 Resp: 434027

Ion Ratio Lower Upper

276 100

138 15.4 17.0 25.6#

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 3.600 ng

RT: 23.521 min Scan# 3491

Delta R.T. -0.017 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

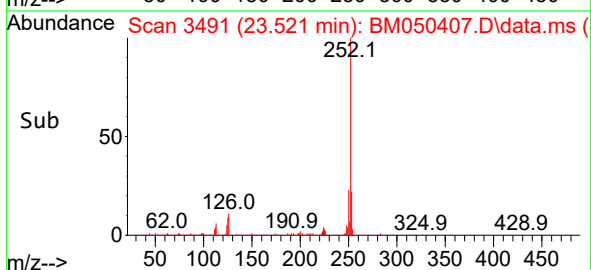
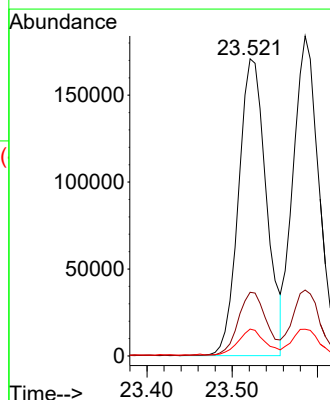
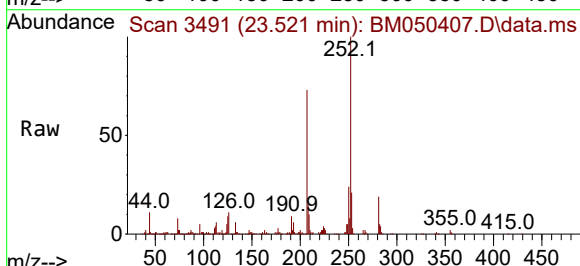
Tgt Ion:252 Resp: 387766

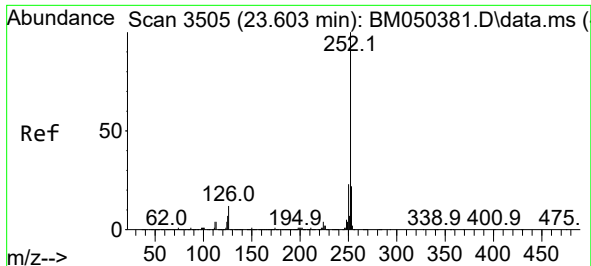
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.0 6.3 9.5

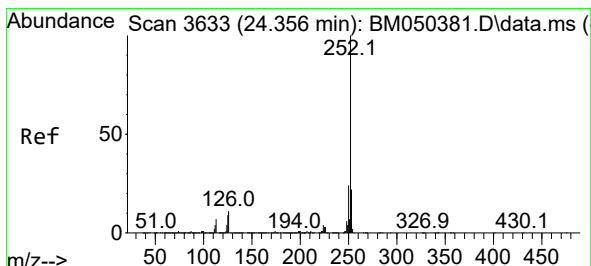
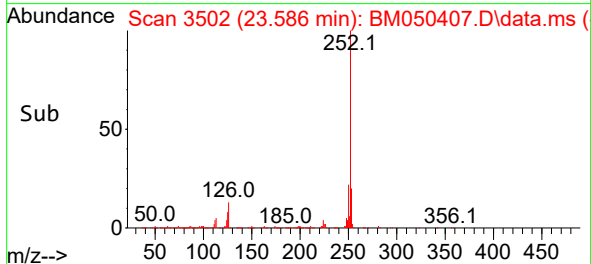
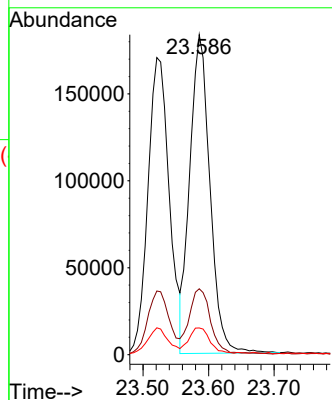
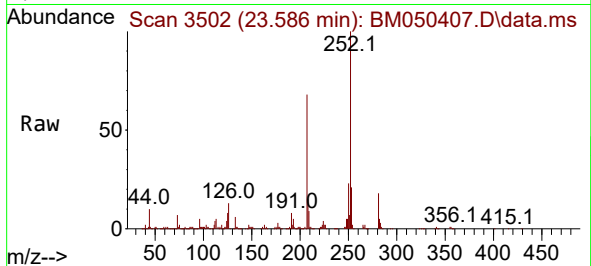




#89
Benzo(k)fluoranthene
Concen: 3.495 ng
RT: 23.586 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

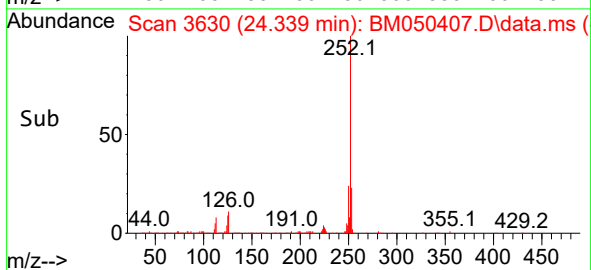
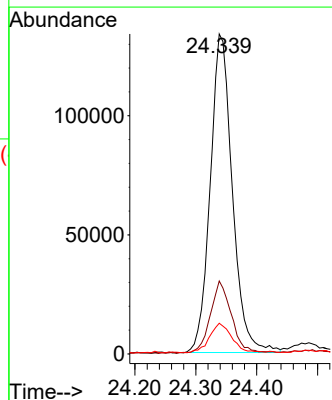
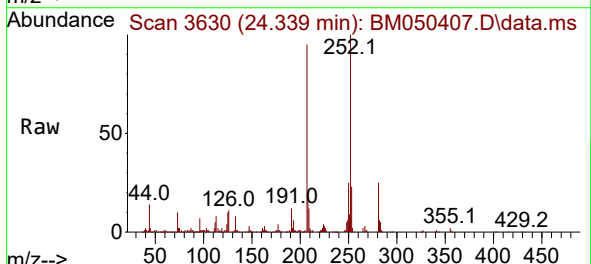
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2025

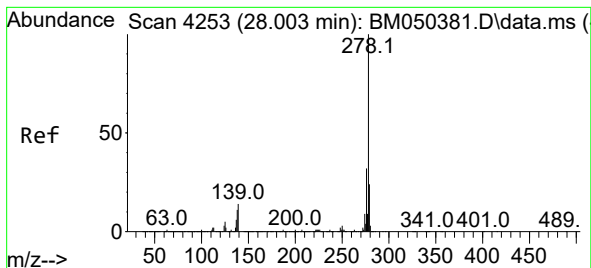
Tgt Ion:252 Resp: 390612
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 8.3 6.2 9.2



#90
Benzo(a)pyrene
Concen: 3.352 ng
RT: 24.339 min Scan# 3630
Delta R.T. -0.017 min
Lab File: BM050407.D
Acq: 11 Jul 2025 10:59

Tgt Ion:252 Resp: 338014
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 9.6 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 3.500 ng

RT: 27.974 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2025

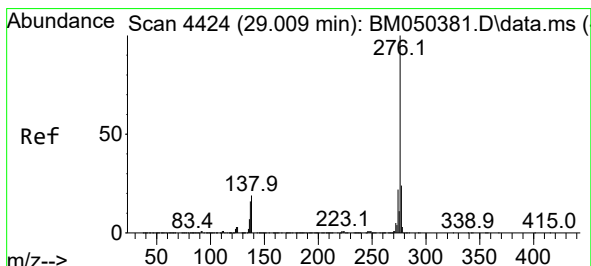
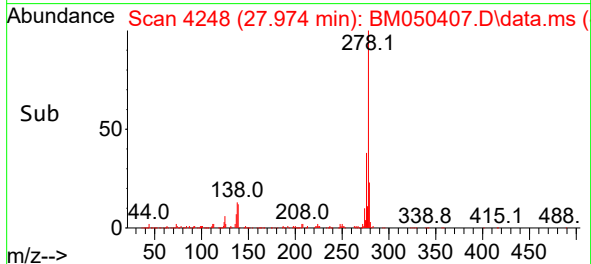
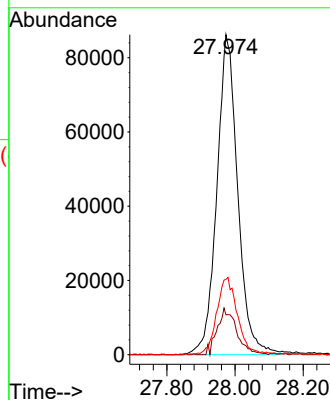
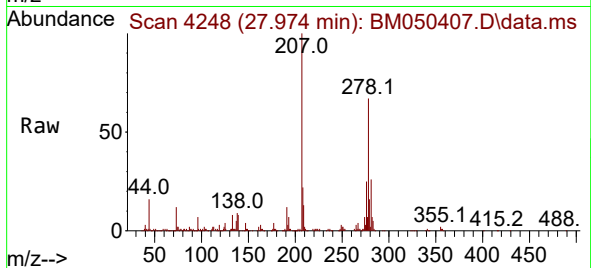
Tgt Ion:278 Resp: 366989

Ion Ratio Lower Upper

278 100

139 12.4 10.8 16.2

279 23.6 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 3.634 ng

RT: 28.974 min Scan# 4418

Delta R.T. -0.035 min

Lab File: BM050407.D

Acq: 11 Jul 2025 10:59

Tgt Ion:276 Resp: 360081

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 18.9 14.9 22.3

