

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025660.D
 Acq On : 04 Sep 2025 14:47
 Operator : CG/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 04 21:01:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	140687	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	584795	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	389817	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	778487	20.000	ng	0.00
76) Chrysene-d12	21.642	240	828025	20.000	ng	0.00
86) Perylene-d12	25.024	264	922045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1054919	124.525	ng	-0.02
7) Phenol-d6	6.955	99	1355815	124.830	ng	-0.01
23) Nitrobenzene-d5	8.913	82	961571	83.177	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	661237	126.023	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2263522	79.358	ng	-0.02
79) Terphenyl-d14	19.919	244	3756167	82.995	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	33986	10.242	ng	93
3) Pyridine	3.725	79	87976	9.686	ng	93
4) n-Nitrosodimethylamine	3.631	42	41748	11.149	ng	# 82
6) Aniline	7.102	93	140975	9.634	ng	98
8) 2-Chlorophenol	7.343	128	95988	10.041	ng	91
9) Benzaldehyde	6.919	77	81537	10.715	ng	94
10) Phenol	6.978	94	113611	9.969	ng	84
11) bis(2-Chloroethyl)ether	7.196	93	89560	10.082	ng	96
12) 1,3-Dichlorobenzene	7.660	146	106309	10.085	ng	99
13) 1,4-Dichlorobenzene	7.802	146	108342	10.056	ng	97
14) 1,2-Dichlorobenzene	8.119	146	103838	9.956	ng	97
15) Benzyl Alcohol	8.008	79	83275	9.650	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.290	45	128346	10.786	ng	98
17) 2-Methylphenol	8.213	107	75479	9.536	ng	97
18) Hexachloroethane	8.837	117	41589	10.498	ng	99
19) n-Nitroso-di-n-propyla...	8.560	70	72720	10.108	ng	94
20) 3+4-Methylphenols	8.543	107	98992	9.022	ng	96
22) Acetophenone	8.578	105	150483	10.261	ng	# 95
24) Nitrobenzene	8.949	77	105394	10.201	ng	99
25) Isophorone	9.478	82	204326	9.987	ng	97
26) 2-Nitrophenol	9.655	139	48588	9.163	ng	93
27) 2,4-Dimethylphenol	9.725	122	85141	9.337	ng	96
28) bis(2-Chloroethoxy)met...	9.949	93	118493	9.581	ng	100
29) 2,4-Dichlorophenol	10.207	162	81035	8.946	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	96191	9.687	ng	96
31) Naphthalene	10.584	128	297228	9.779	ng	100
32) Benzoic acid	9.837	122	36570	5.432	ng	98
33) 4-Chloroaniline	10.702	127	120242	8.956	ng	97
34) Hexachlorobutadiene	10.872	225	62634	10.128	ng	99
35) Caprolactam	11.484	113	29610	8.915	ng	93
36) 4-Chloro-3-methylphenol	11.837	107	98977	9.522	ng	100
37) 2-Methylnaphthalene	12.201	142	191553	9.684	ng	98
38) 1-Methylnaphthalene	12.419	142	205601	9.774	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	111882	9.938	ng	99
41) Hexachlorocyclopentadiene	12.548	237	37402	5.500	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	68801	9.052	ng	98

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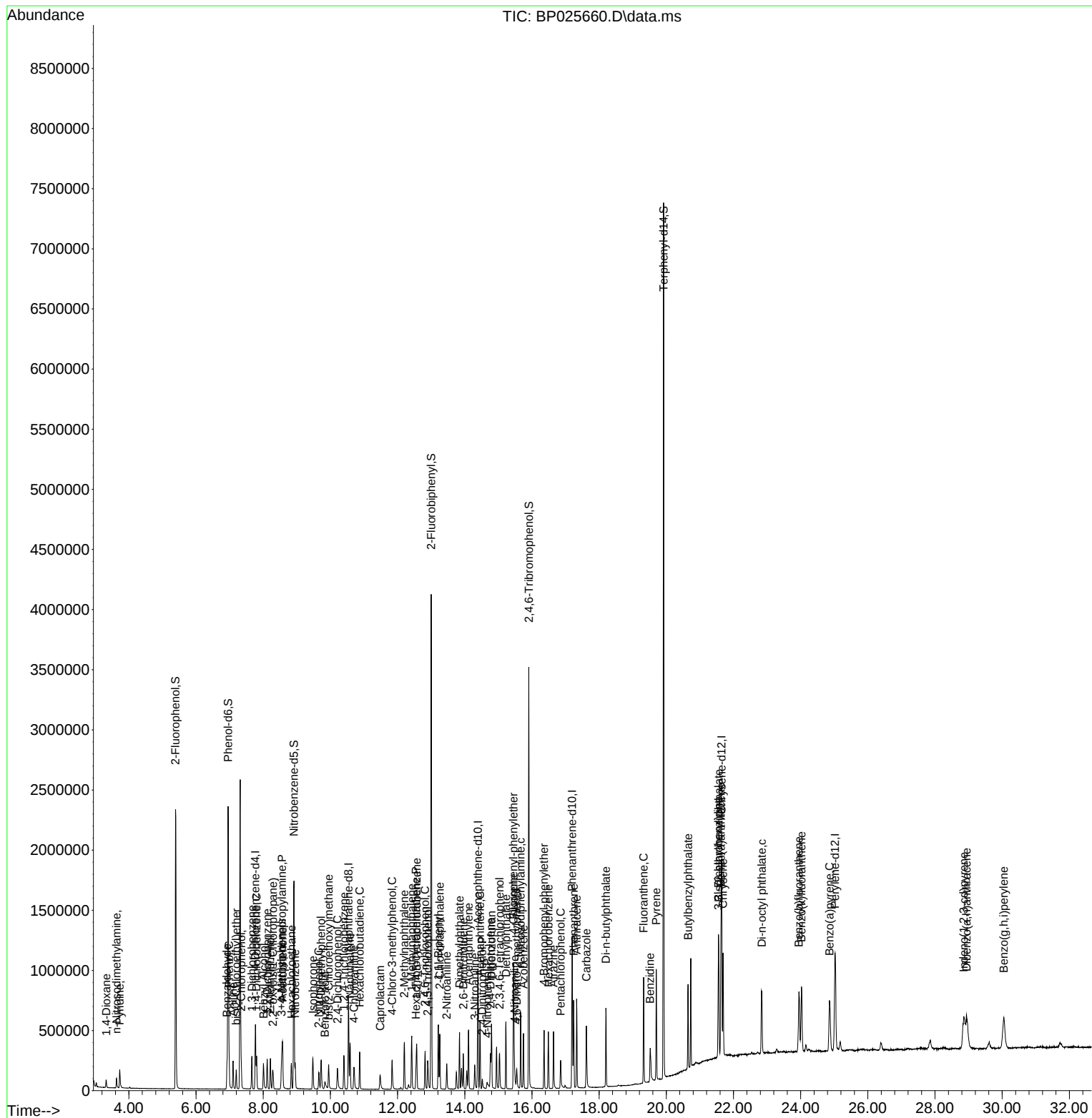
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44) 2,4,5-Trichlorophenol	12.896	196	73856	8.866	ng	98
46) 1,1'-Biphenyl	13.213	154	285435	10.082	ng	99
47) 2-Chloronaphthalene	13.254	162	216229	9.811	ng	99
48) 2-Nitroaniline	13.466	65	63135	9.831	ng	96
49) Acenaphthylene	14.113	152	360224	9.877	ng	99
50) Dimethylphthalate	13.843	163	287219	10.062	ng	99
51) 2,6-Dinitrotoluene	13.954	165	57873	9.619	ng	91
52) Acenaphthene	14.454	154	206376	9.641	ng	97
53) 3-Nitroaniline	14.295	138	60685	8.965	ng	95
54) 2,4-Dinitrophenol	14.519	184	20128	6.264	ng	# 86
55) Dibenzofuran	14.795	168	337353	9.968	ng	98
56) 4-Nitrophenol	14.666	139	31375	5.640	ng	89
57) 2,4-Dinitrotoluene	14.766	165	81278	9.468	ng	91
58) Fluorene	15.454	166	275385	10.312	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	69957	9.511	ng	98
60) Diethylphthalate	15.225	149	289489	9.980	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	138588	10.435	ng	99
62) 4-Nitroaniline	15.484	138	59336	8.550	ng	96
63) Azobenzene	15.748	77	258971	10.427	ng	97
65) 4,6-Dinitro-2-methylph...	15.548	198	40017	8.246	ng	90
66) n-Nitrosodiphenylamine	15.660	169	240423	10.128	ng	98
67) 4-Bromophenyl-phenylether	16.360	248	84988	9.926	ng	94
68) Hexachlorobenzene	16.489	284	100442	10.120	ng	99
69) Atrazine	16.642	200	86300	9.707	ng	99
70) Pentachlorophenol	16.854	266	50433	8.050	ng	95
71) Phenanthrene	17.242	178	425178	9.942	ng	99
72) Anthracene	17.331	178	433349	9.923	ng	99
73) Carbazole	17.619	167	400632	9.739	ng	98
74) Di-n-butylphthalate	18.201	149	489888	9.680	ng	99
75) Fluoranthene	19.325	202	500052	9.803	ng	99
77) Benzidine	19.519	184	268335	9.496	ng	98
78) Pyrene	19.701	202	522846	9.715	ng	100
80) Butylbenzylphthalate	20.648	149	231216	9.479	ng	98
81) Benzo(a)anthracene	21.624	228	534960	9.796	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	191945	9.325	ng	98
83) Chrysene	21.689	228	512498	10.021	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	338964	9.440	ng	100
85) Di-n-octyl phthalate	22.842	149	571655	9.256	ng	97
87) Indeno(1,2,3-cd)pyrene	28.854	276	519641	7.685	ng	94
88) Benzo(b)fluoranthene	23.948	252	533565	9.814	ng	99
89) Benzo(k)fluoranthene	24.024	252	533206	9.800	ng	99
90) Benzo(a)pyrene	24.860	252	512075	9.675	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	513704	9.296	ng	97
92) Benzo(g,h,i)perylene	30.048	276	505933	9.314	ng	98

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

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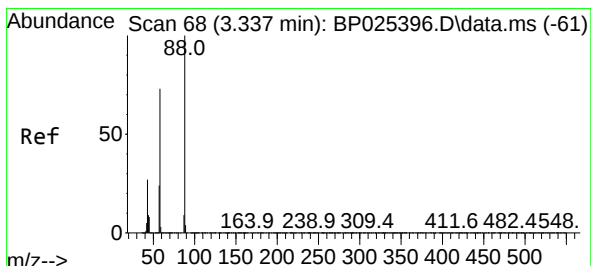
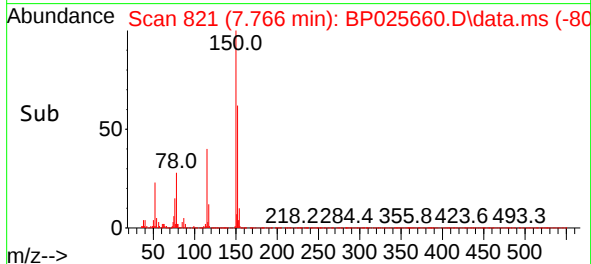
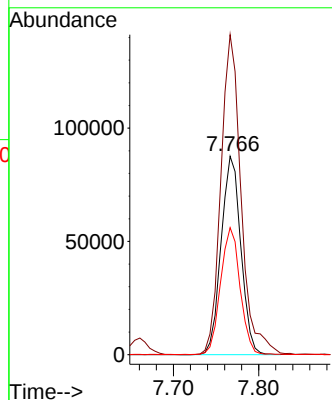
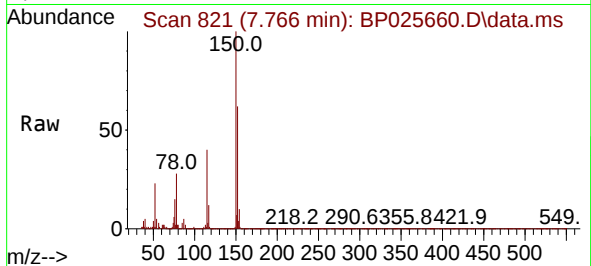




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.766 min Scan# 81
 Delta R.T. -0.030 min
 Lab File: BP025660.D
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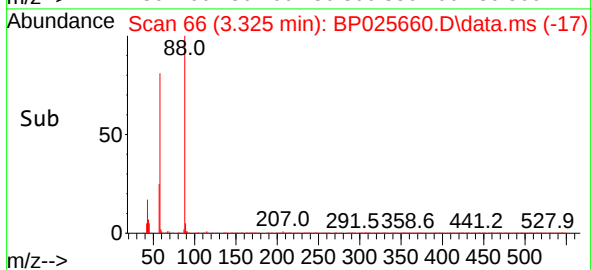
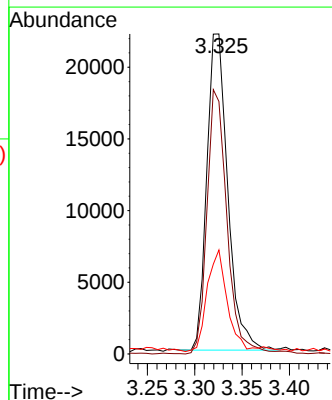
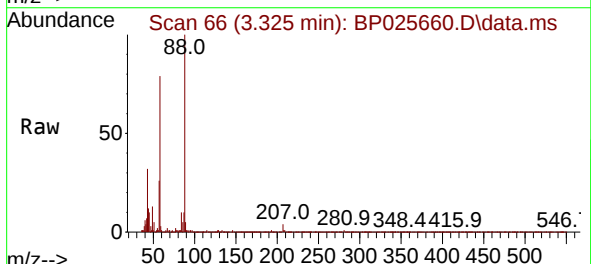
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 ClientSampleId :
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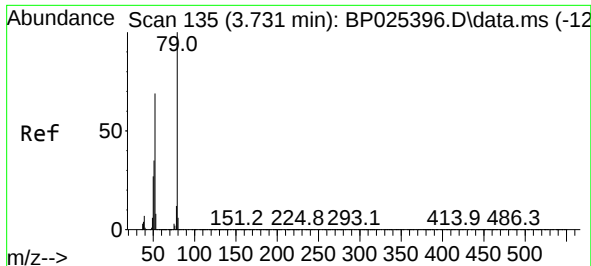
Tgt Ion:152 Resp: 140687
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.9 188.9
 115 64.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 10.242 ng
 RT: 3.325 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BP025660.D
 Acq: 04 Sep 2025 14:47

Tgt Ion: 88 Resp: 33986
 Ion Ratio Lower Upper
 88 100
 58 80.2 59.2 88.8
 43 31.0 21.7 32.5

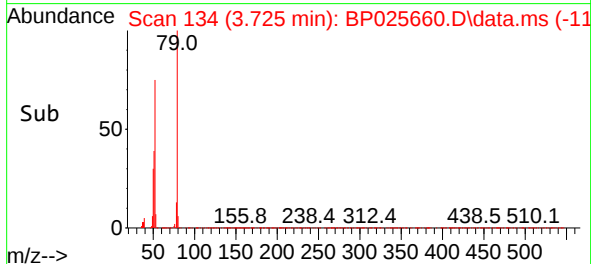
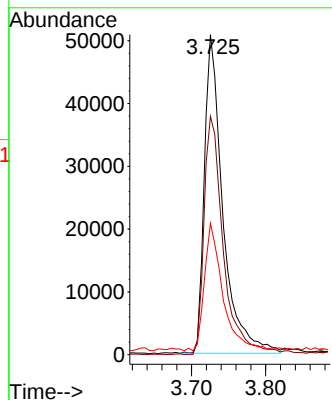
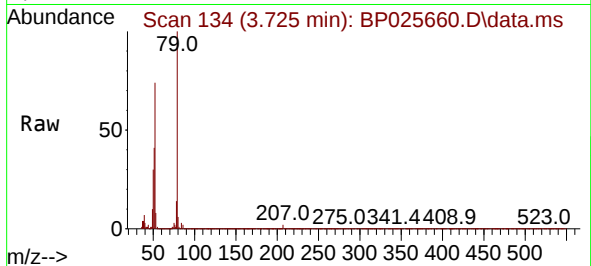




#3
Pyridine
Concen: 9.686 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025660.D
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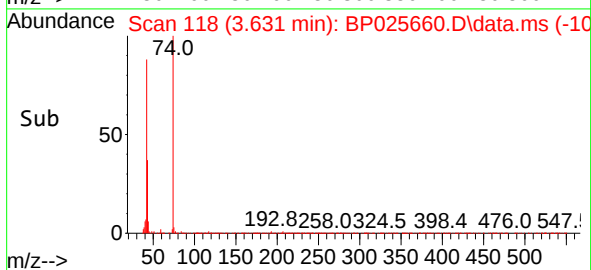
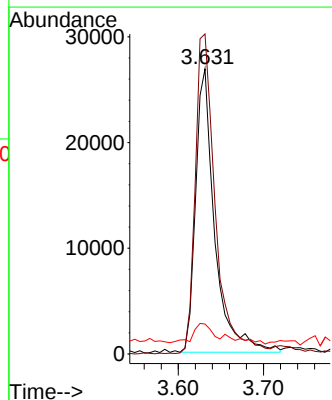
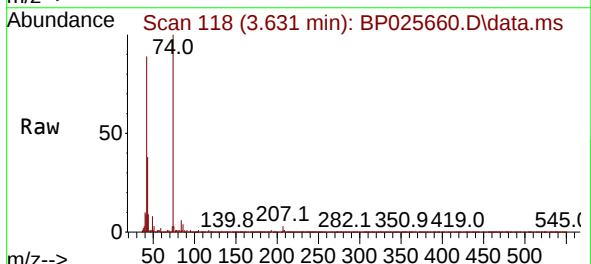
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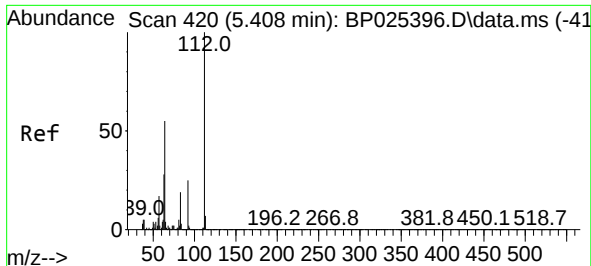
Tgt Ion: 79 Resp: 87976
Ion Ratio Lower Upper
79 100
52 74.5 55.5 83.3
51 41.1 28.3 42.5



#4
n-Nitrosodimethylamine
Concen: 11.149 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion: 42 Resp: 41748
Ion Ratio Lower Upper
42 100
74 112.3 107.0 160.4
44 10.5 6.2 9.4

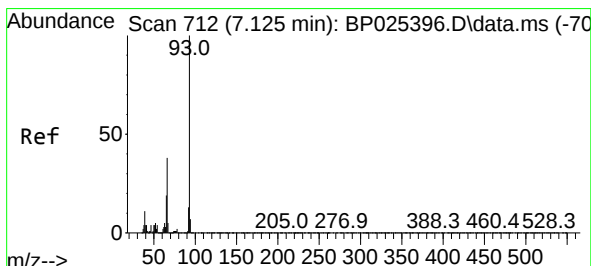
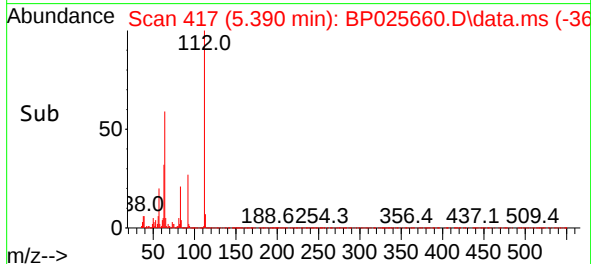
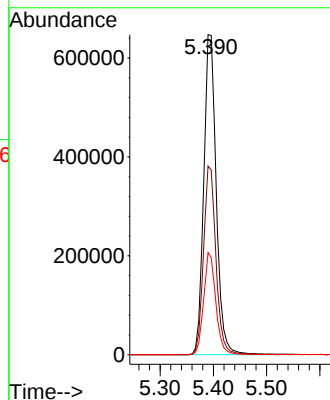
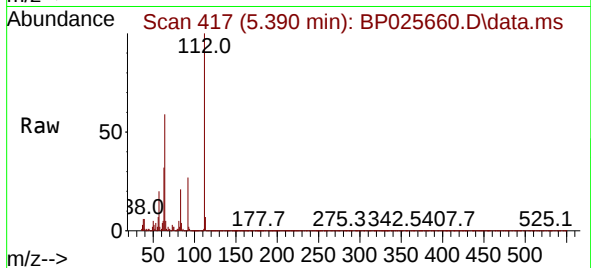




#5
2-Fluorophenol
Concen: 124.525 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

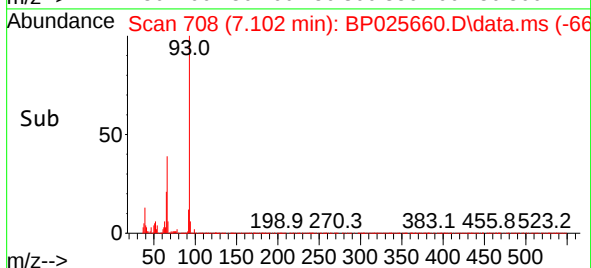
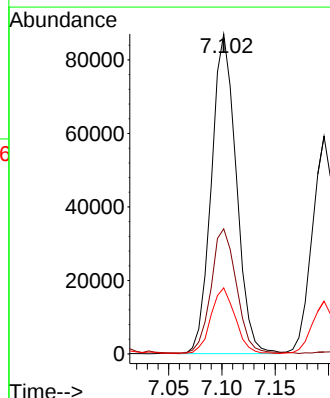
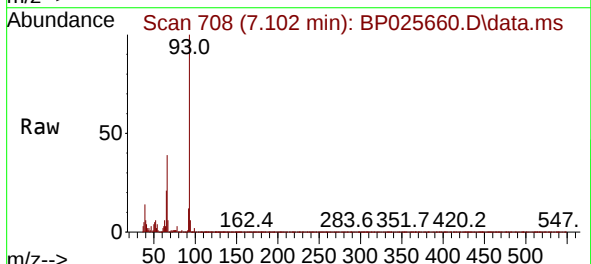
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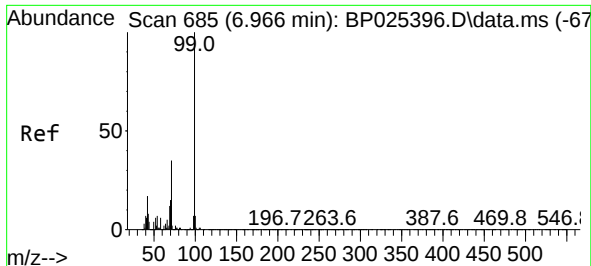
Tgt Ion:112 Resp: 1054919
Ion Ratio Lower Upper
112 100
64 58.9 43.8 65.8
63 31.9 22.7 34.1



#6
Aniline
Concen: 9.634 ng
RT: 7.102 min Scan# 708
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion: 93 Resp: 140975
Ion Ratio Lower Upper
93 100
66 39.1 30.4 45.6
65 20.6 15.3 22.9

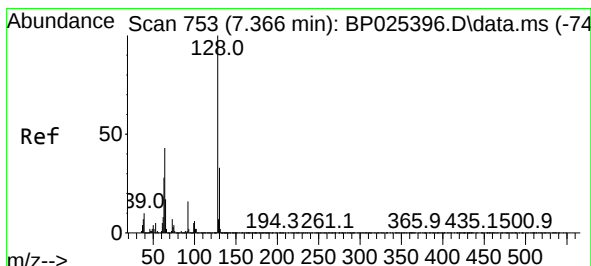
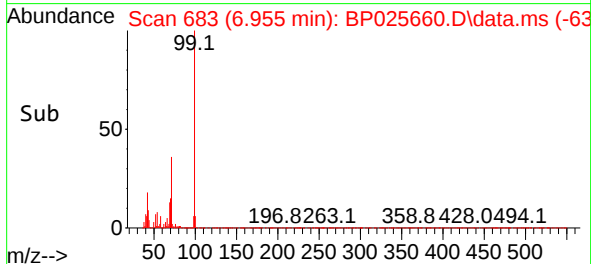
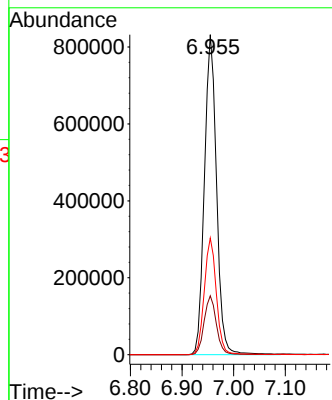
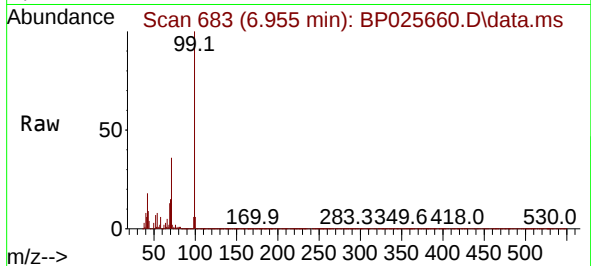




#7
Phenol-d6
Concen: 124.830 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

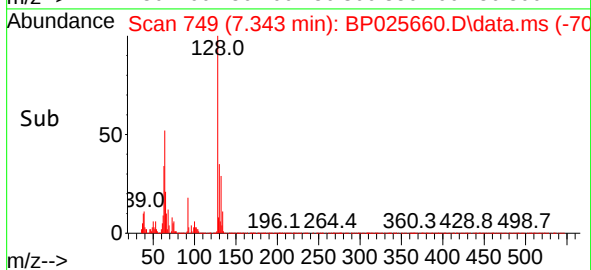
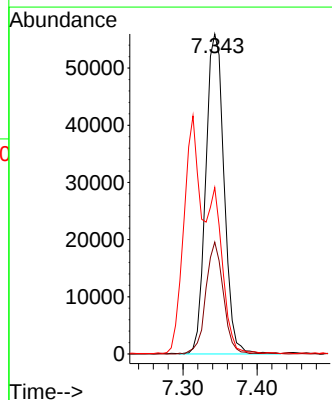
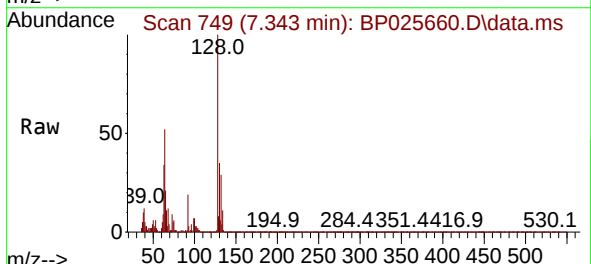
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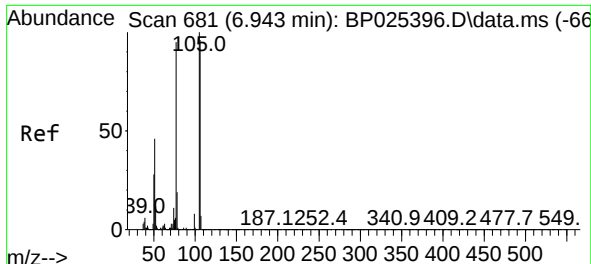
Tgt Ion: 99 Resp: 1355815
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 36.5 28.2 42.4



#8
2-Chlorophenol
Concen: 10.041 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.023 min
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Tgt Ion:128 Resp: 95988
Ion Ratio Lower Upper
128 100
130 34.9 12.6 52.6
64 52.0 23.4 63.4

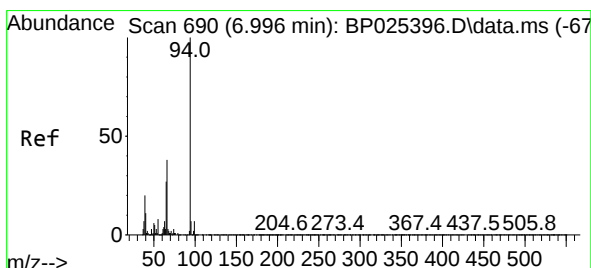
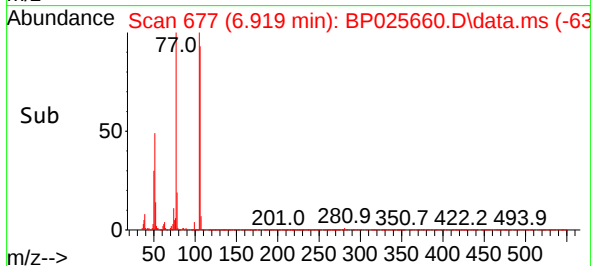
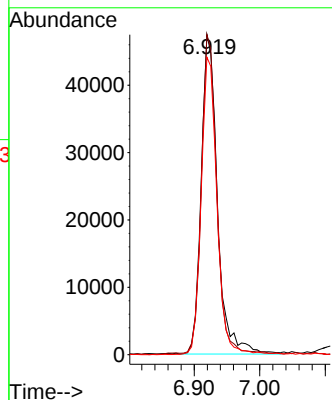
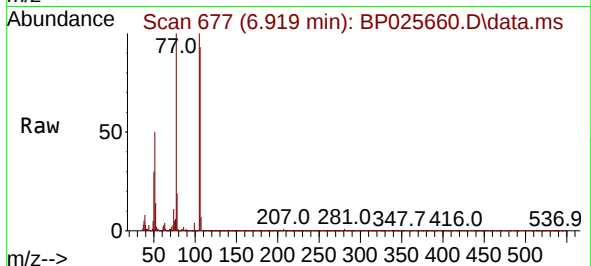




#9
Benzaldehyde
Concen: 10.715 ng
RT: 6.919 min Scan# 61
Delta R.T. -0.023 min
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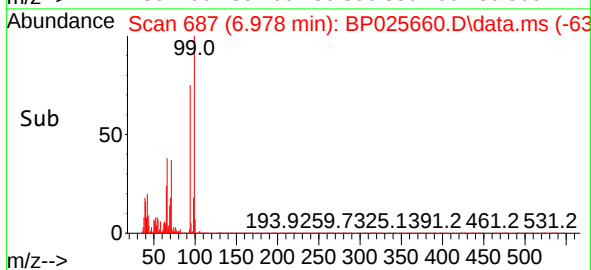
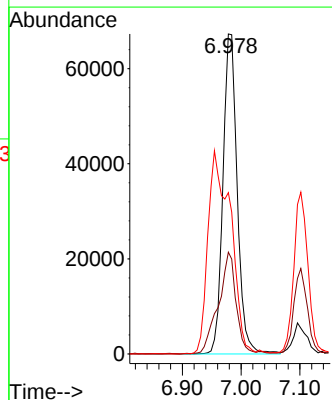
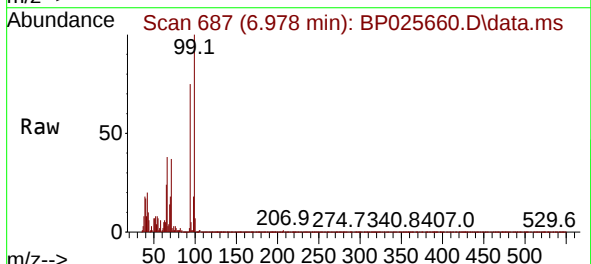
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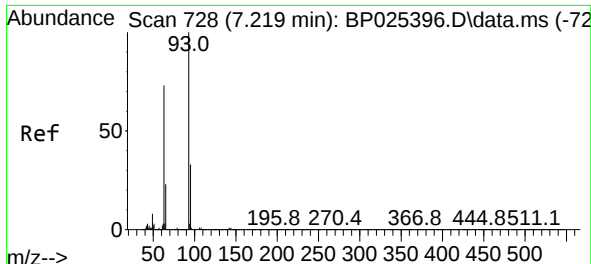
Tgt Ion: 77 Resp: 81537
Ion Ratio Lower Upper
77 100
105 100.0 84.8 124.8
106 93.0 80.5 120.5



#10
Phenol
Concen: 9.969 ng
RT: 6.978 min Scan# 687
Delta R.T. -0.018 min
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Tgt Ion: 94 Resp: 113611
Ion Ratio Lower Upper
94 100
65 31.8 6.8 46.8
66 50.4 18.2 58.2

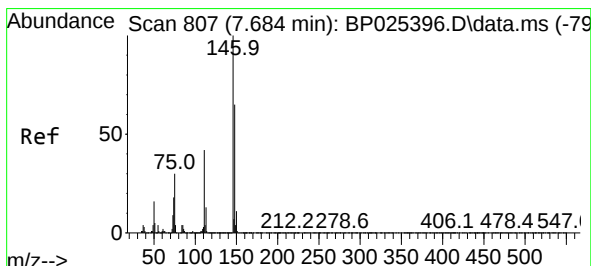
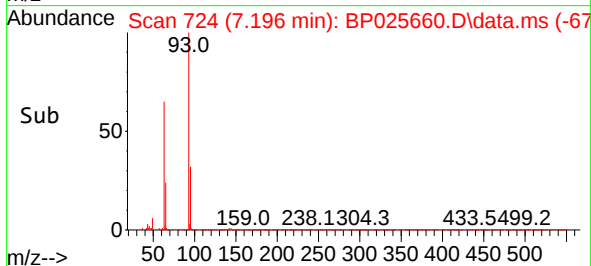
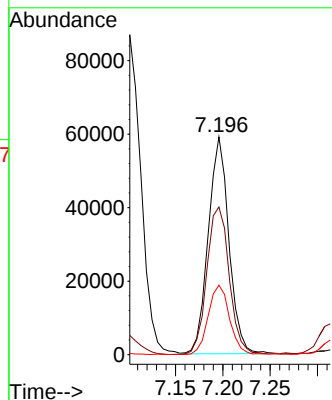
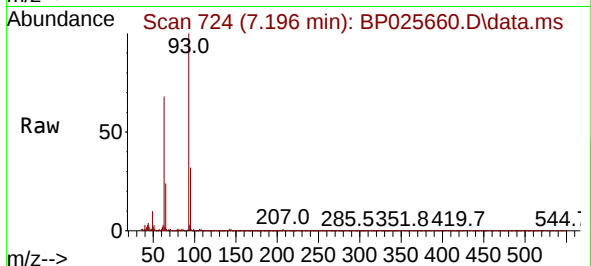




#11
bis(2-Chloroethyl)ether
Concen: 10.082 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

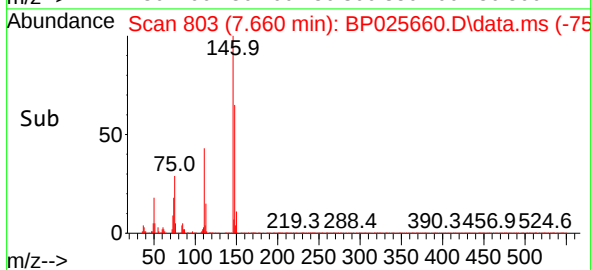
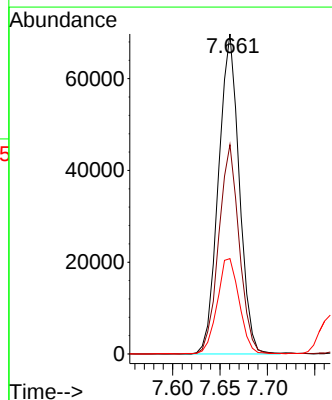
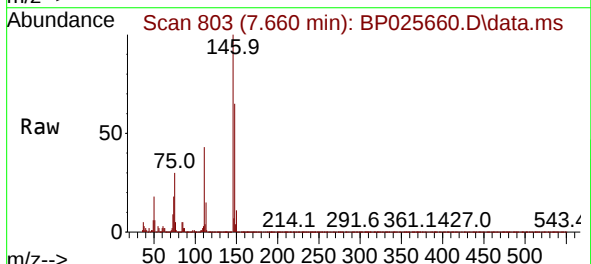
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

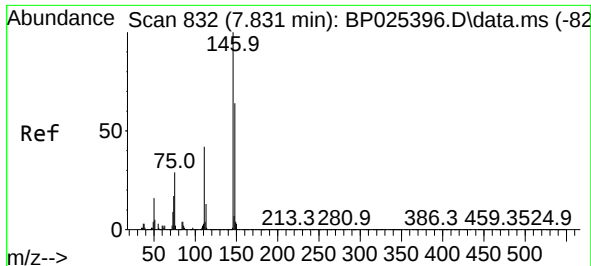
Tgt Ion: 93 Resp: 89560
Ion Ratio Lower Upper
93 100
63 67.9 52.6 92.6
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.085 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion: 146 Resp: 106309
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 29.8 23.7 35.5

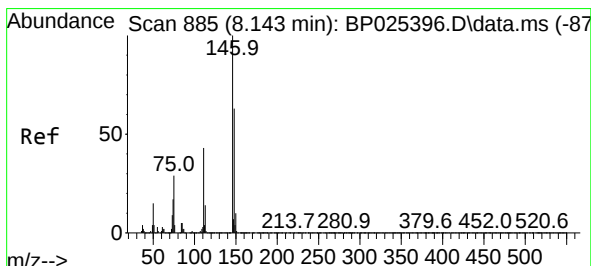
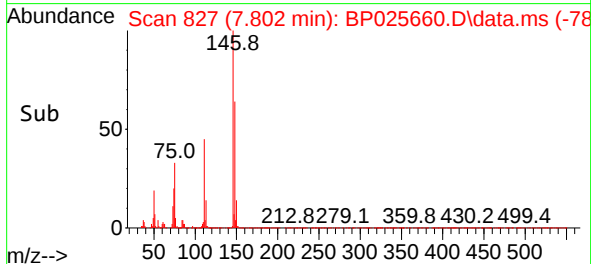
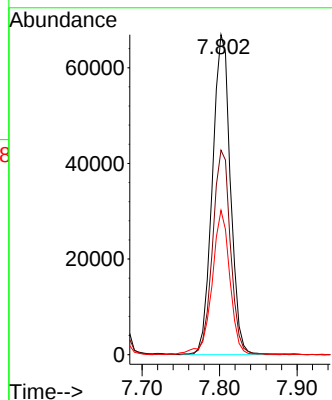
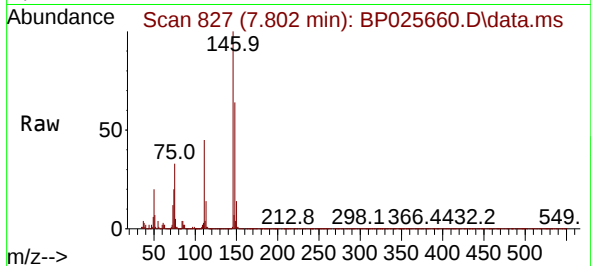




#13
1,4-Dichlorobenzene
Concen: 10.056 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

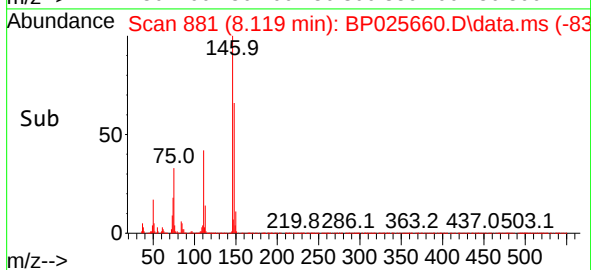
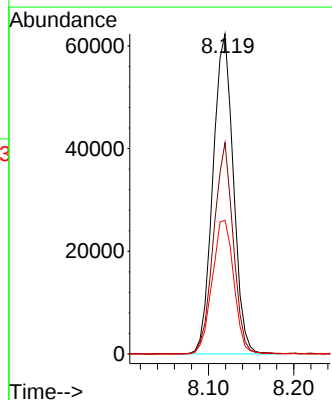
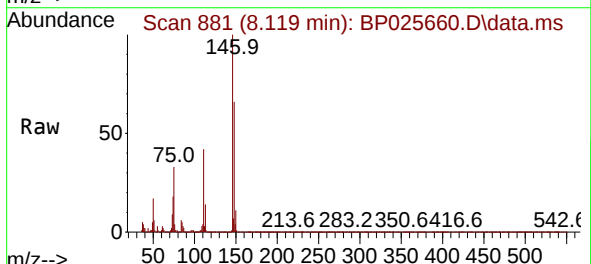
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

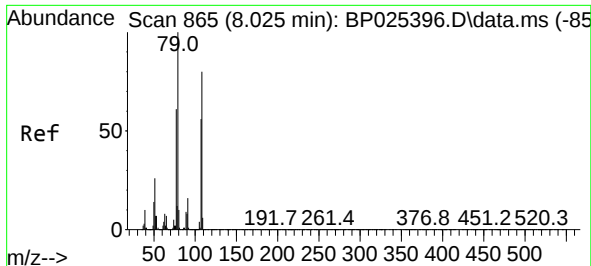
Tgt Ion:146 Resp: 108342
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 45.1 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 9.956 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:146 Resp: 103838
Ion Ratio Lower Upper
146 100
148 66.0 50.4 75.6
111 41.8 34.5 51.7

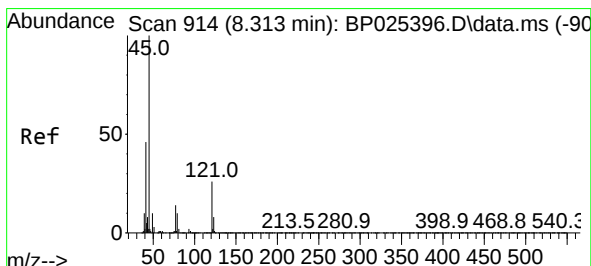
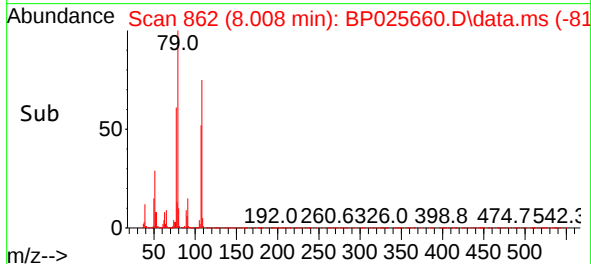
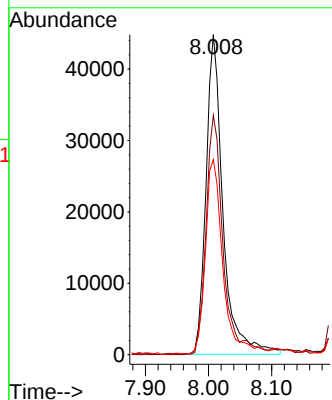
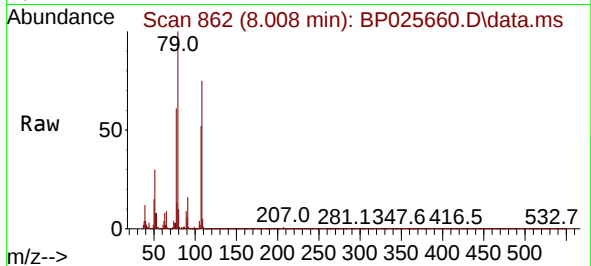




#15
Benzyl Alcohol
Concen: 9.650 ng
RT: 8.008 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

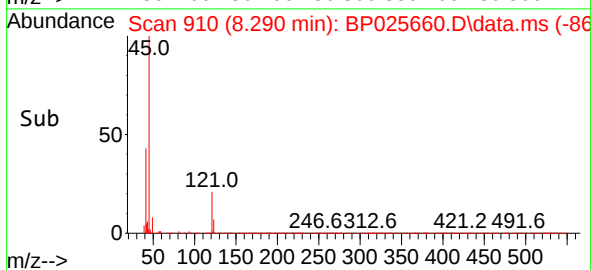
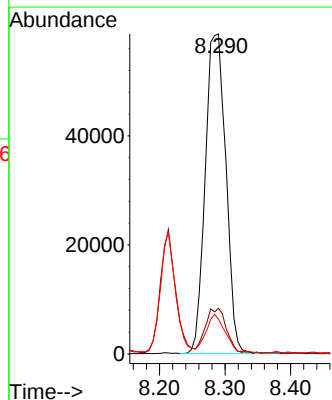
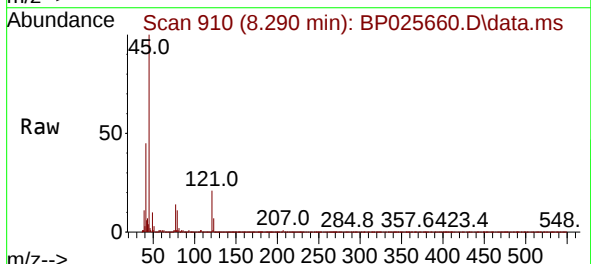
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

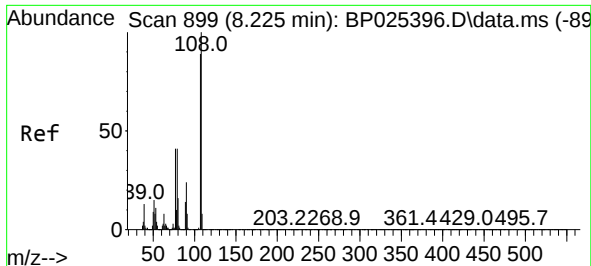
Tgt Ion: 79 Resp: 83275
Ion Ratio Lower Upper
79 100
108 74.8 63.8 95.6
77 61.0 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.786 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion: 45 Resp: 128346
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.3
79 10.9 0.0 31.8

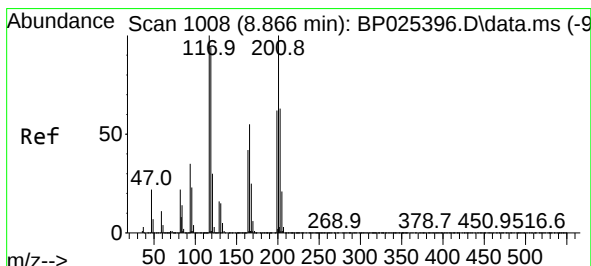
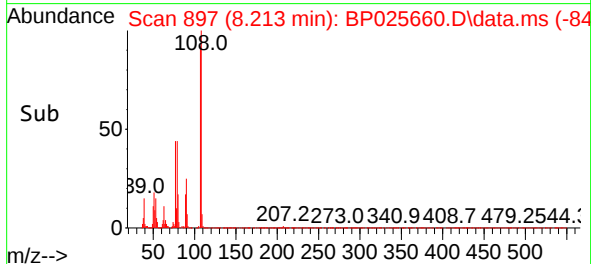
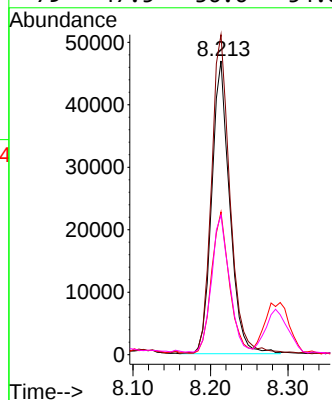
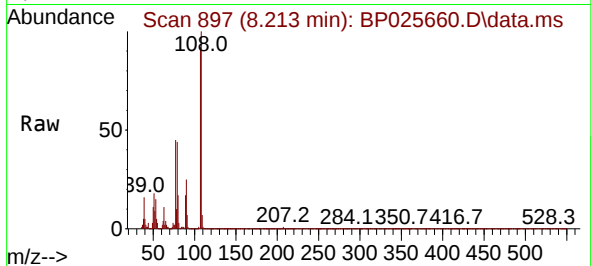




#17
2-Methylphenol
Concen: 9.536 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

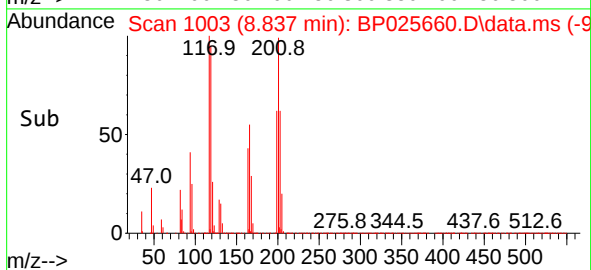
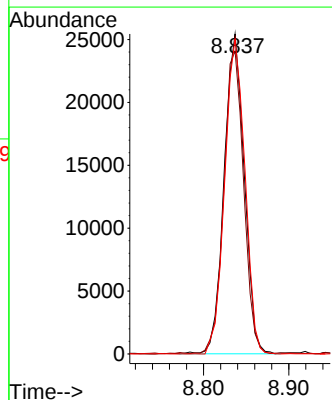
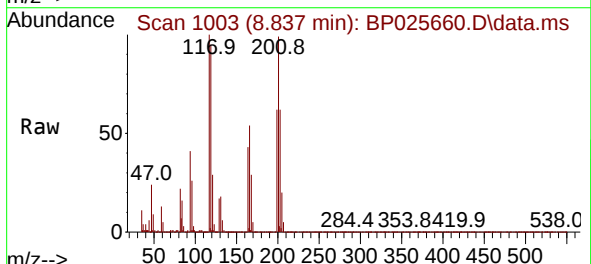
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:	107	Resp:	75479
Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.4	134.0
77	48.6	36.3	54.5
79	47.5	36.6	54.8



#18
Hexachloroethane
Concen: 10.498 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:	117	Resp:	41589
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.1	112.7
201	98.5	80.1	120.1

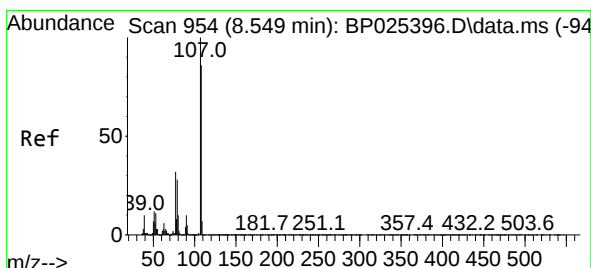
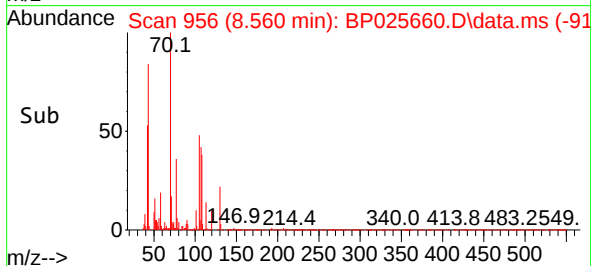
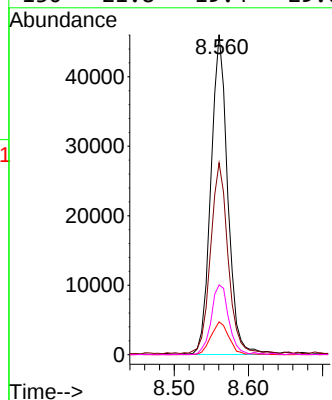
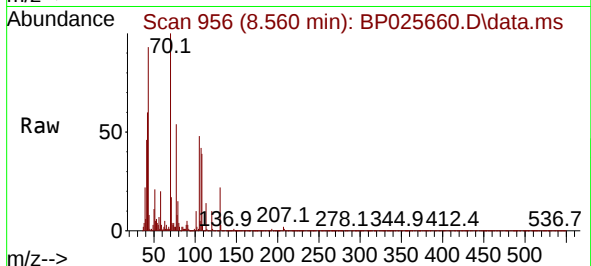




#19
n-Nitroso-di-n-propylamine
Concen: 10.108 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

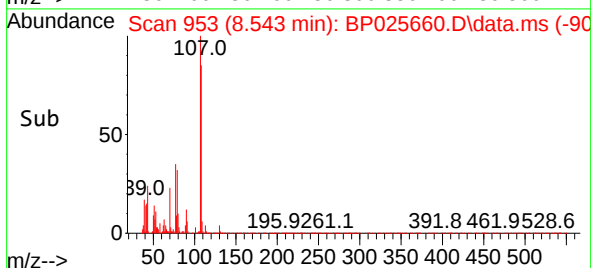
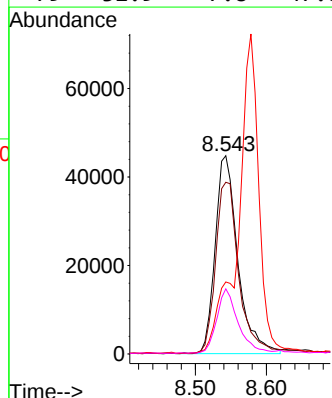
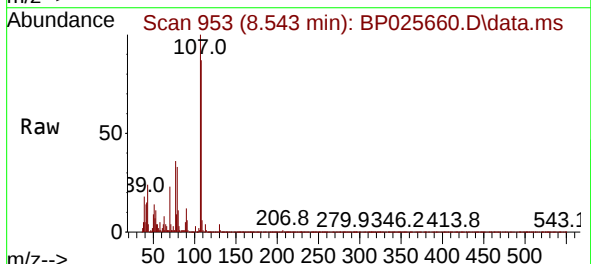
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

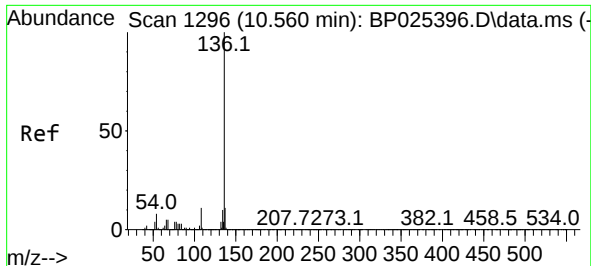
Tgt Ion:	70	Resp:	72720
Ion	Ratio	Lower	Upper
70	100		
42	60.0	43.8	65.6
101	10.2	8.5	12.7
130	21.8	19.4	29.0



#20
3+4-Methylphenols
Concen: 9.022 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:	107	Resp:	98992
Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.3	106.3
77	36.3	12.3	52.3
79	32.9	7.8	47.8

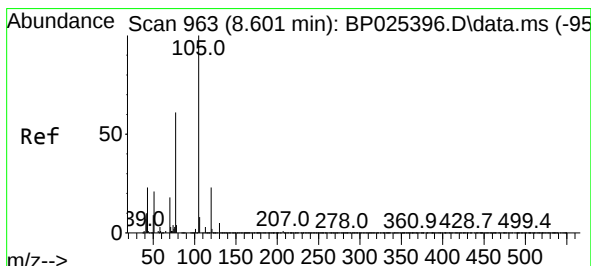
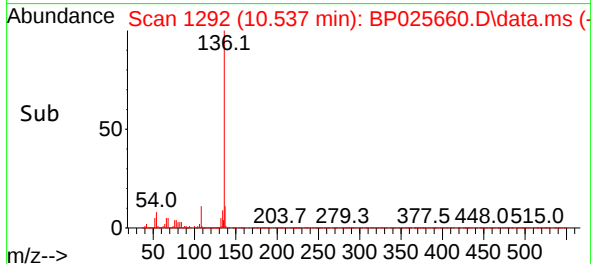
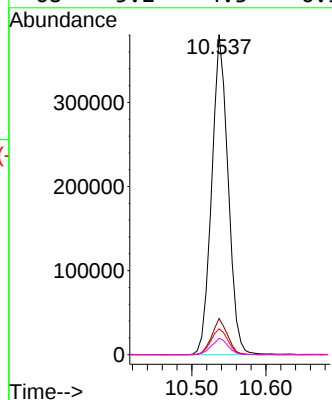
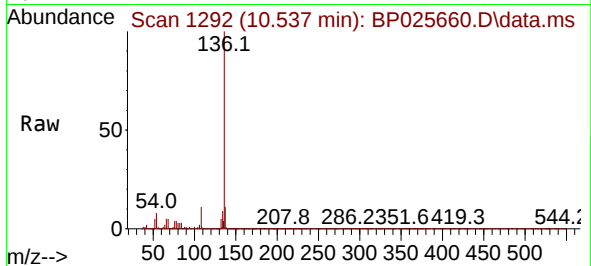




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

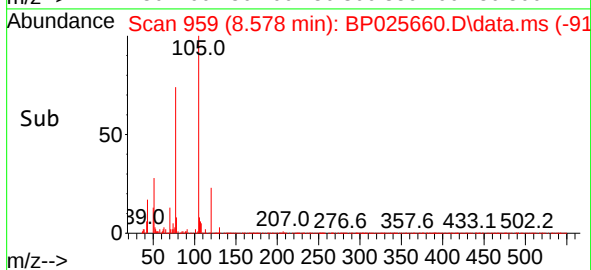
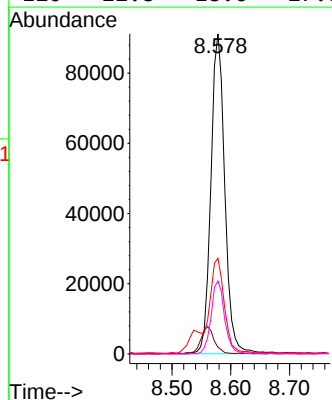
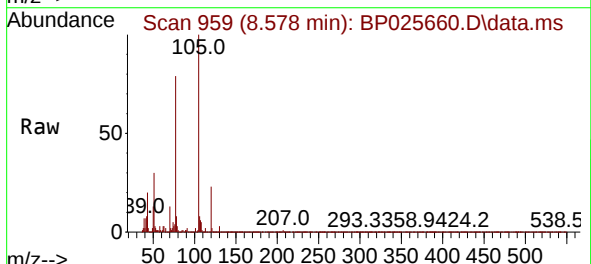
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

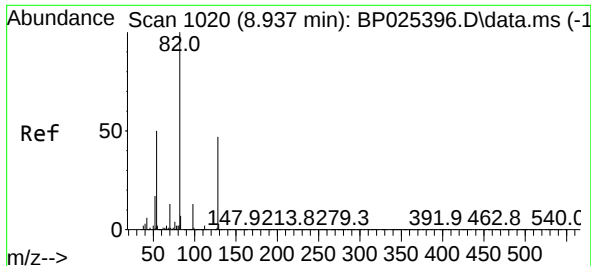
Tgt Ion:	136	Resp:	584795
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.1	6.0	9.0
68	5.2	4.3	6.5



#22
Acetophenone
Concen: 10.261 ng
RT: 8.578 min Scan# 959
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:	105	Resp:	150483
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.6	4.0#
51	29.8	20.6	30.8
120	22.8	18.6	27.8

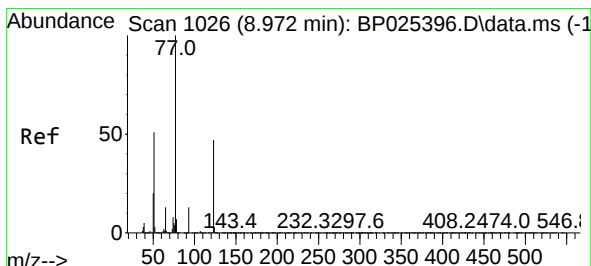
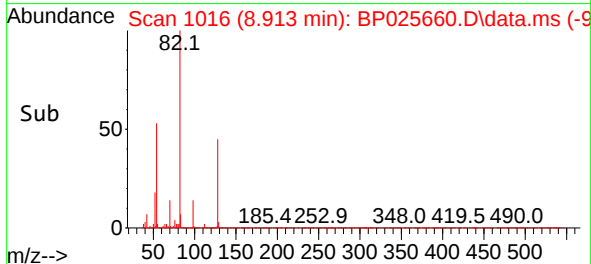
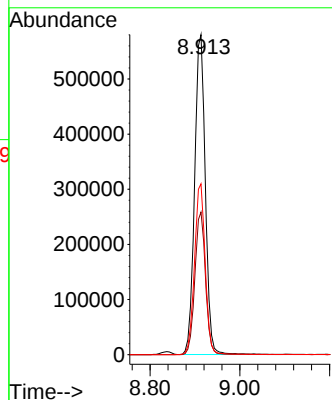
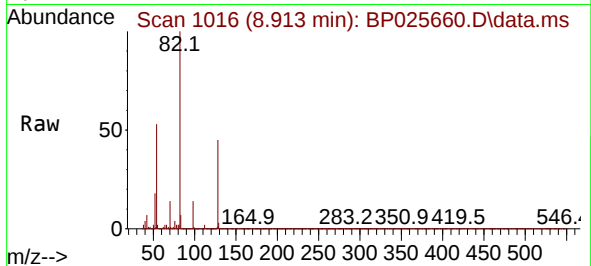




#23
Nitrobenzene-d5
Concen: 83.177 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

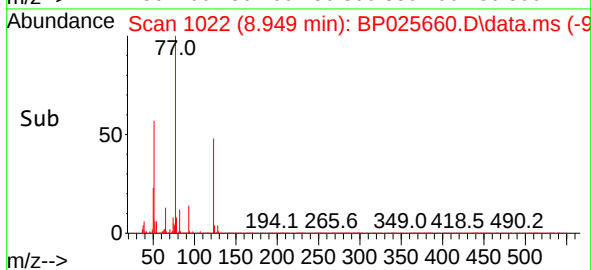
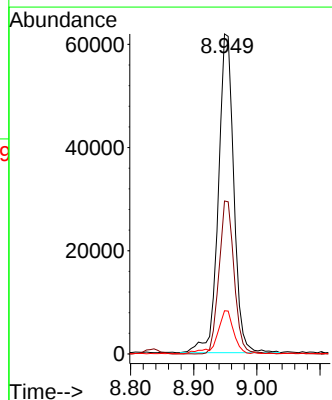
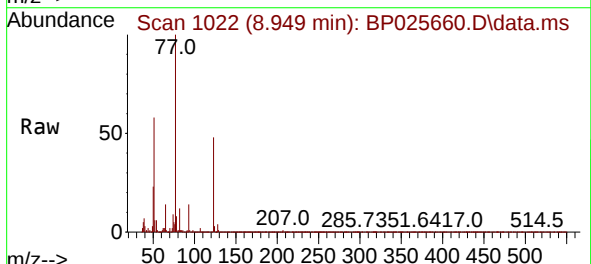
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

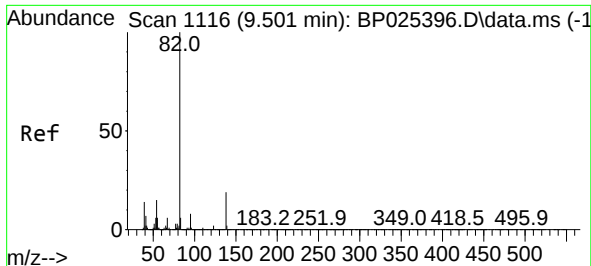
Tgt Ion: 82 Resp: 961571
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 53.4 39.8 59.6



#24
Nitrobenzene
Concen: 10.201 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion: 77 Resp: 105394
Ion Ratio Lower Upper
77 100
123 47.8 38.6 58.0
65 13.5 10.6 15.8

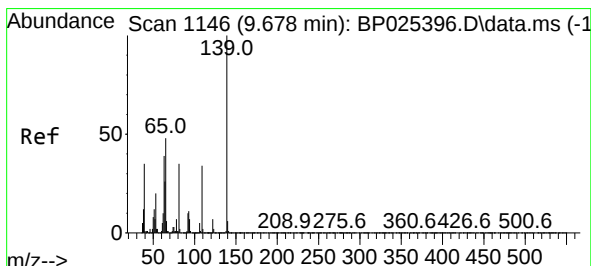
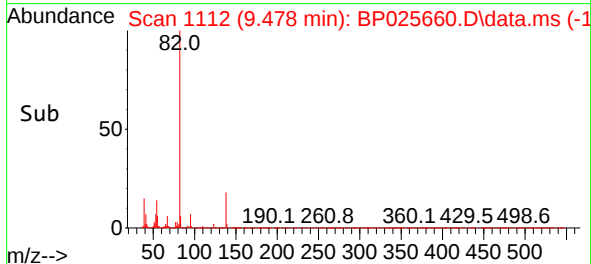
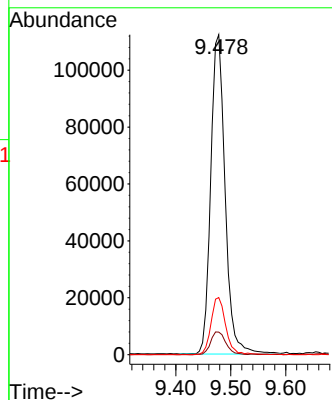
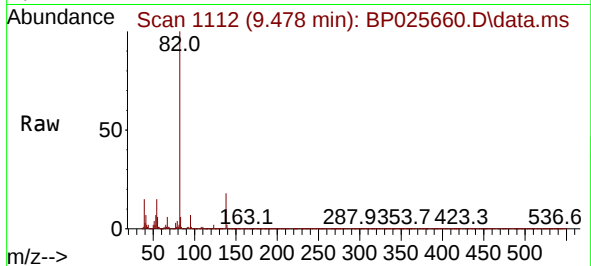




#25
Isophorone
Concen: 9.987 ng
RT: 9.478 min Scan# 1112
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

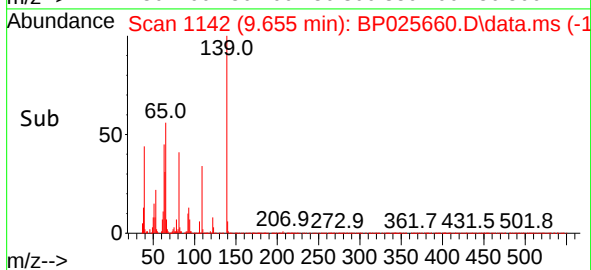
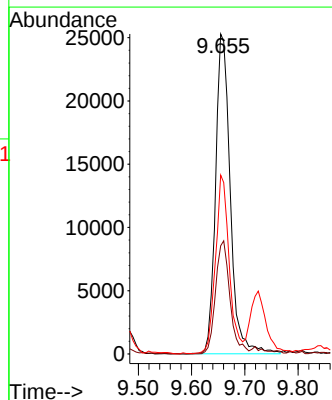
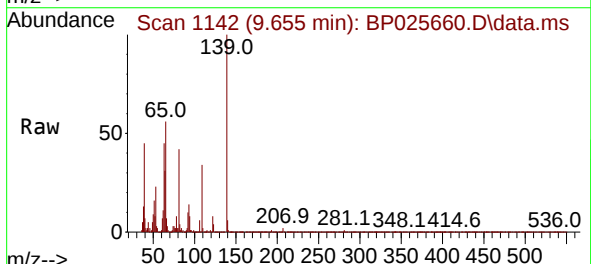
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

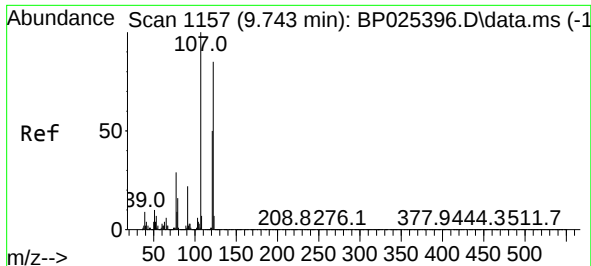
Tgt Ion: 82 Resp: 204326
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 17.8 15.4 23.0



#26
2-Nitrophenol
Concen: 9.163 ng
RT: 9.655 min Scan# 1142
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:139 Resp: 48588
Ion Ratio Lower Upper
139 100
109 33.8 26.9 40.3
65 55.9 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 9.337 ng

RT: 9.725 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

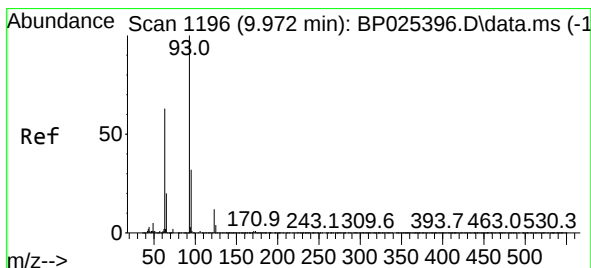
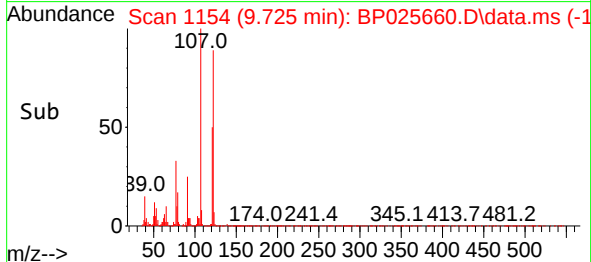
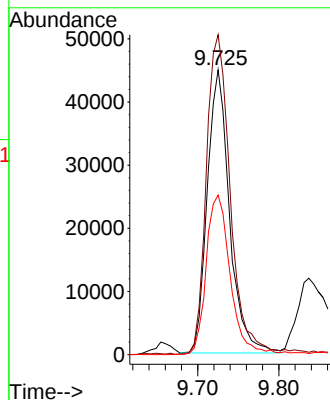
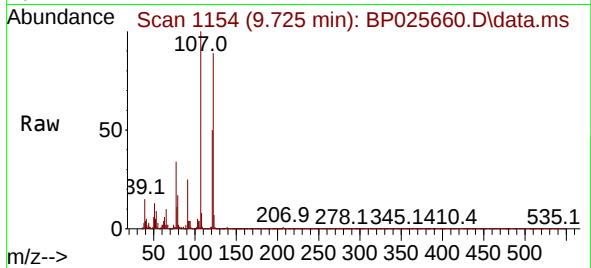
Tgt Ion:122 Resp: 85141

Ion Ratio Lower Upper

122 100

107 112.3 93.7 140.5

121 56.1 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 9.581 ng

RT: 9.949 min Scan# 1192

Delta R.T. -0.023 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

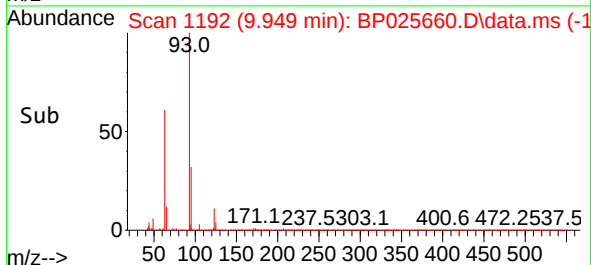
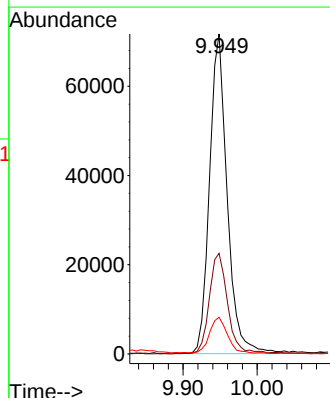
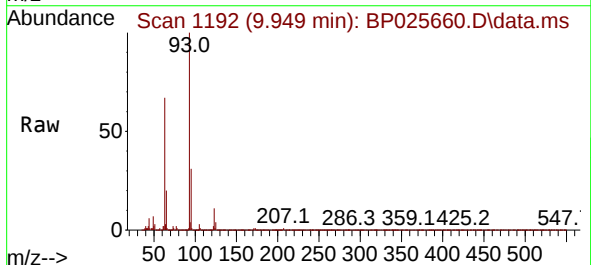
Tgt Ion: 93 Resp: 118493

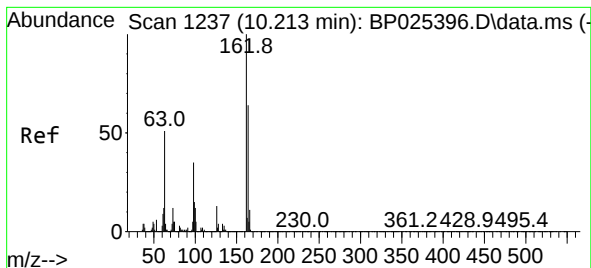
Ion Ratio Lower Upper

93 100

95 31.5 25.4 38.0

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.946 ng

RT: 10.207 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

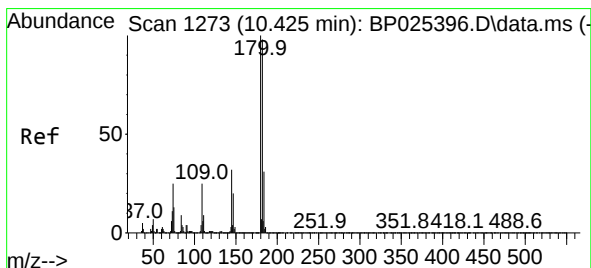
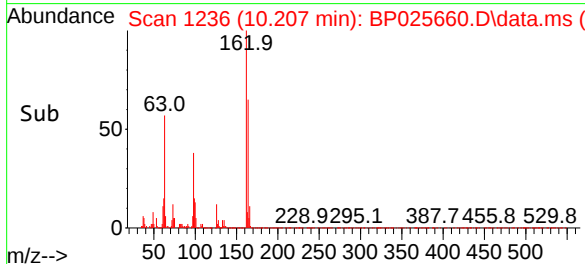
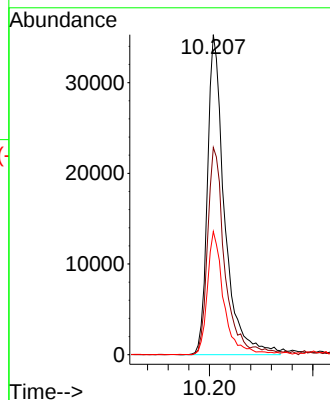
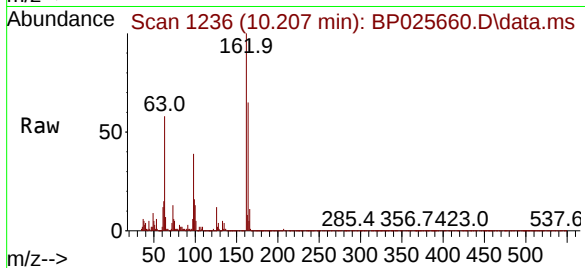
Tgt Ion:162 Resp: 81035

Ion Ratio Lower Upper

162 100

164 64.7 44.4 84.4

98 38.5 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 9.687 ng

RT: 10.402 min Scan# 1269

Delta R.T. -0.023 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

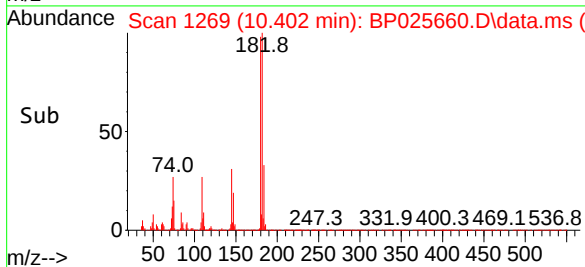
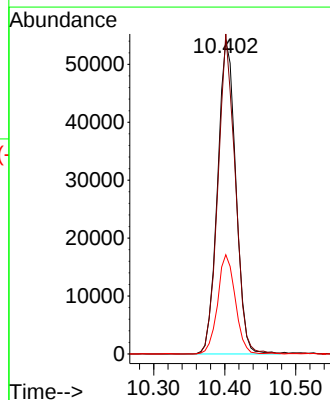
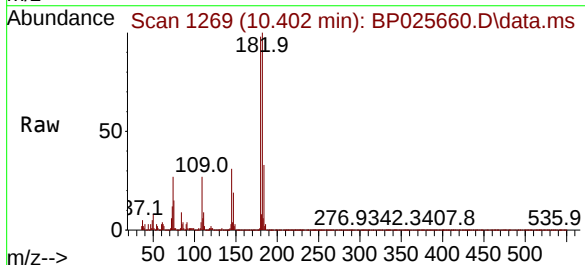
Tgt Ion:180 Resp: 96191

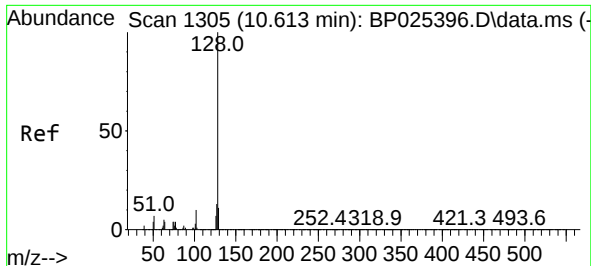
Ion Ratio Lower Upper

180 100

182 102.0 78.0 117.0

145 31.6 25.9 38.9

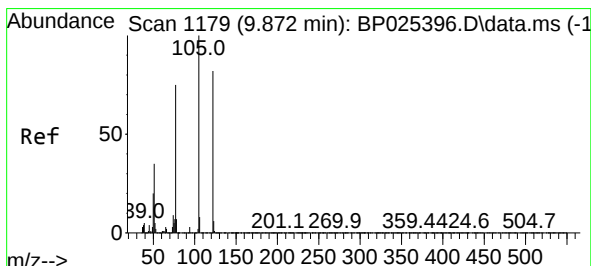
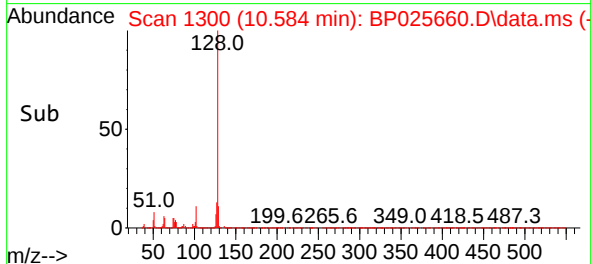
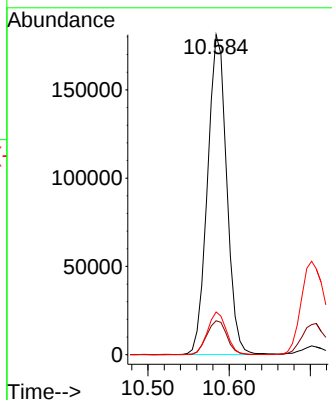
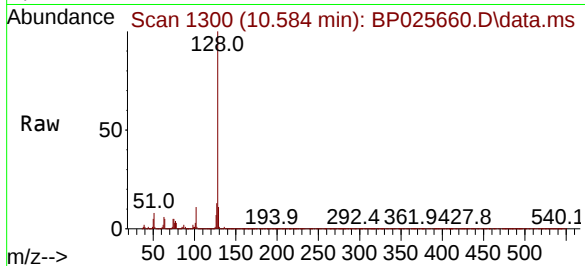




#31
Naphthalene
Concen: 9.779 ng
RT: 10.584 min Scan# 1117
Delta R.T. -0.029 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

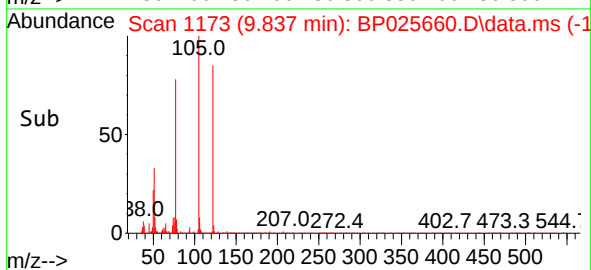
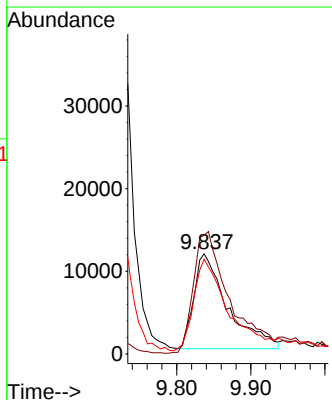
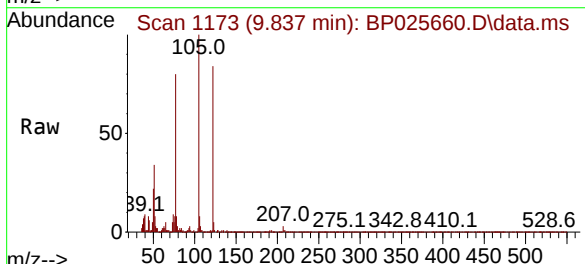
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

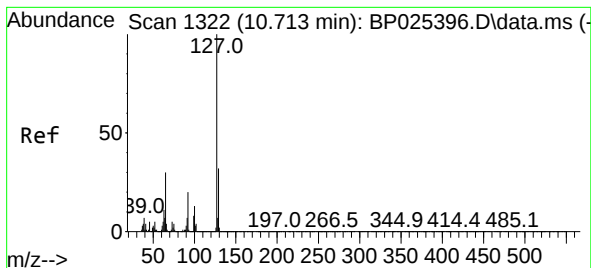
Tgt Ion:128 Resp: 297228
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 5.432 ng
RT: 9.837 min Scan# 1173
Delta R.T. -0.035 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:122 Resp: 36570
Ion Ratio Lower Upper
122 100
105 118.4 100.6 140.6
77 94.5 71.5 111.5





#33

4-Chloroaniline

Concen: 8.956 ng

RT: 10.702 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:127 Resp: 120242

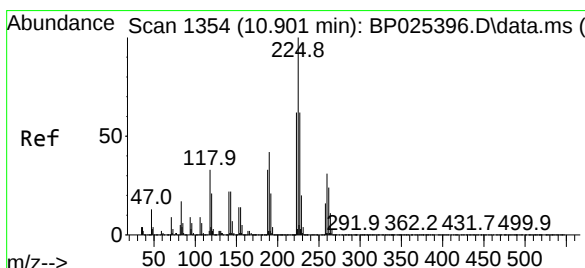
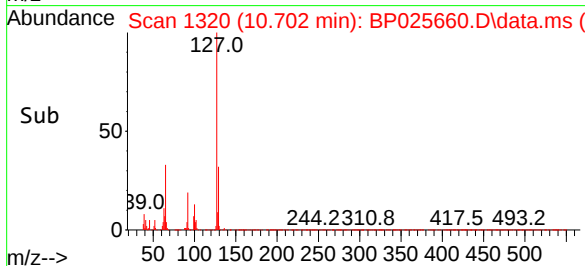
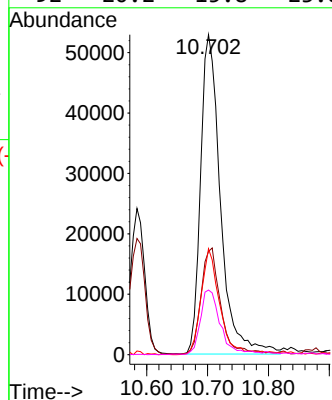
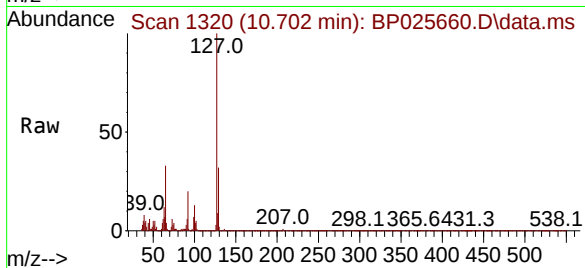
Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 33.1 23.8 35.6

92 20.2 15.8 23.8



#34

Hexachlorobutadiene

Concen: 10.128 ng

RT: 10.872 min Scan# 1349

Delta R.T. -0.029 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

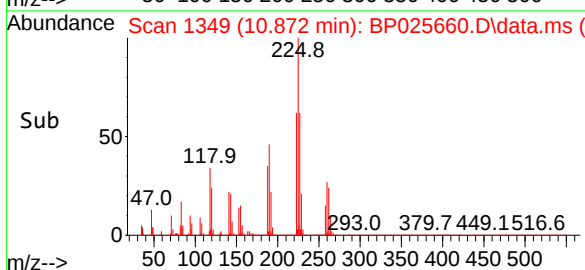
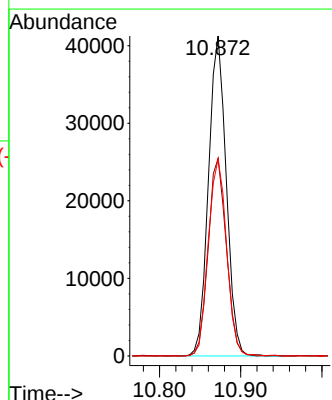
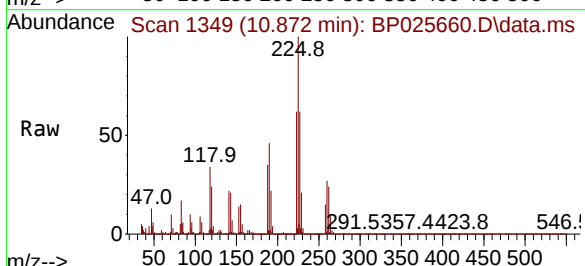
Tgt Ion:225 Resp: 62634

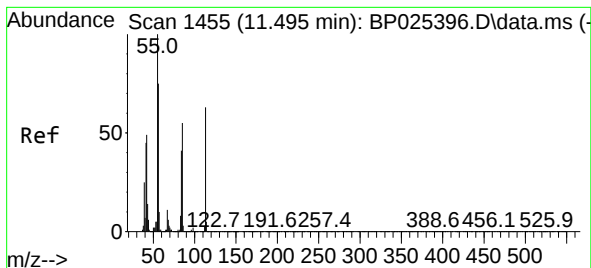
Ion Ratio Lower Upper

225 100

223 61.7 50.0 75.0

227 61.5 49.7 74.5

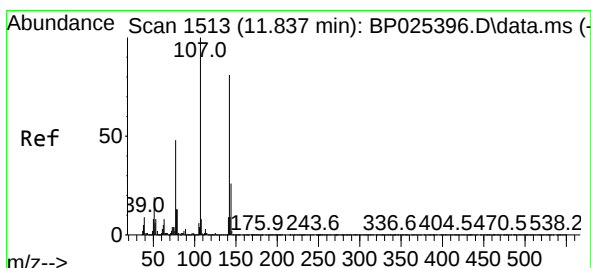
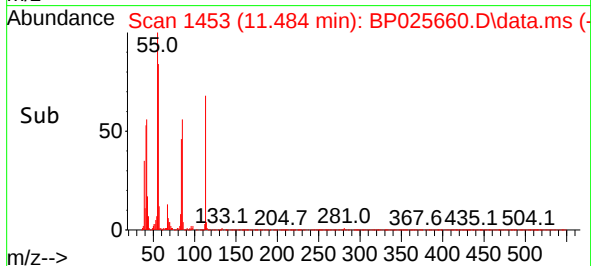
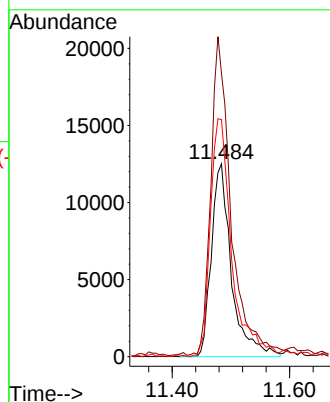
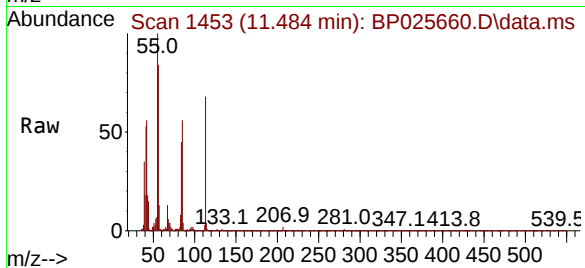




#35
Caprolactam
Concen: 8.915 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

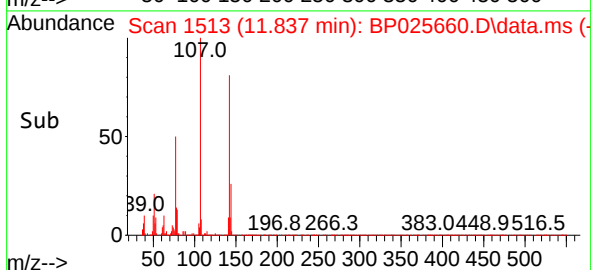
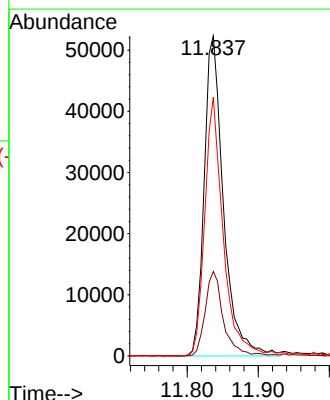
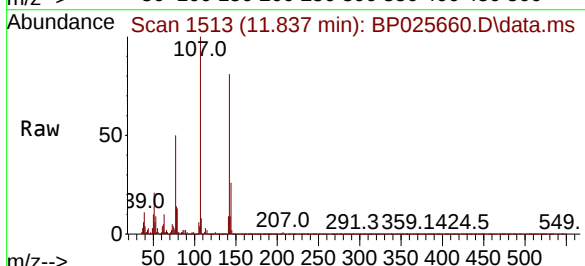
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:113 Resp: 29610
Ion Ratio Lower Upper
113 100
55 147.0 140.0 180.0
56 123.0 100.0 140.0



#36
4-Chloro-3-methylphenol
Concen: 9.522 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:107 Resp: 98977
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 80.8 64.6 97.0

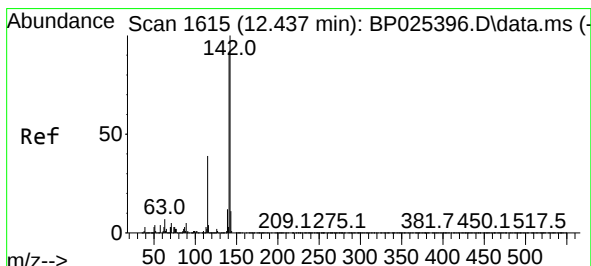
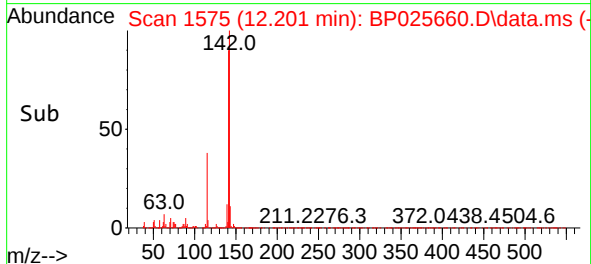
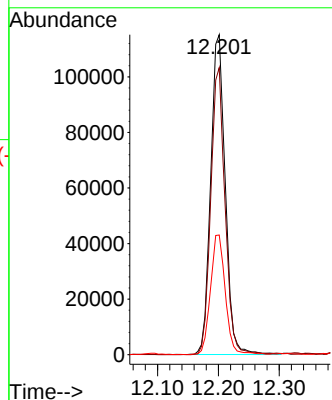
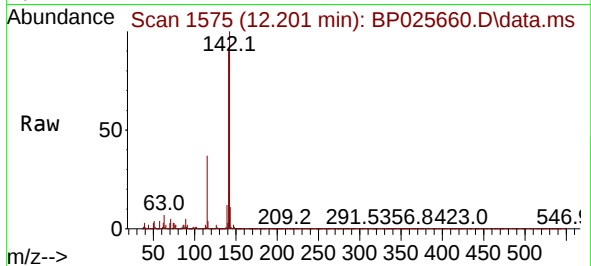




#37
2-Methylnaphthalene
Concen: 9.684 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

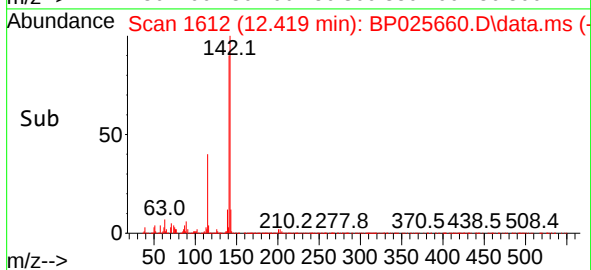
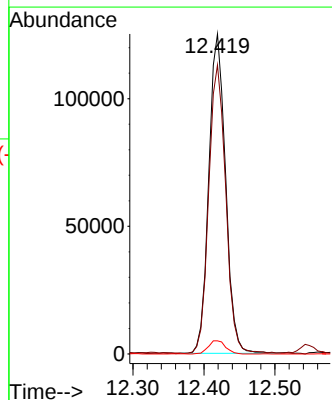
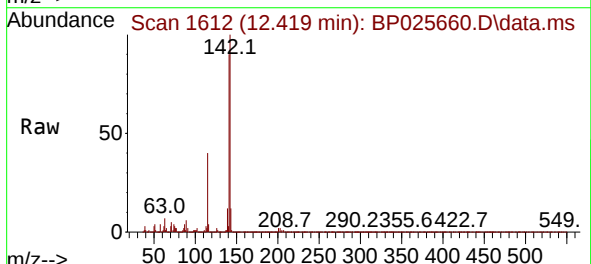
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

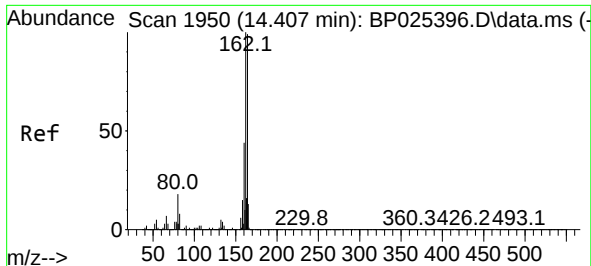
Tgt Ion:142 Resp: 191553
Ion Ratio Lower Upper
142 100
141 89.7 70.3 105.5
115 37.4 28.9 43.3



#38
1-Methylnaphthalene
Concen: 9.774 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:142 Resp: 205601
Ion Ratio Lower Upper
142 100
141 90.3 73.1 109.7
116 4.1 3.2 4.8

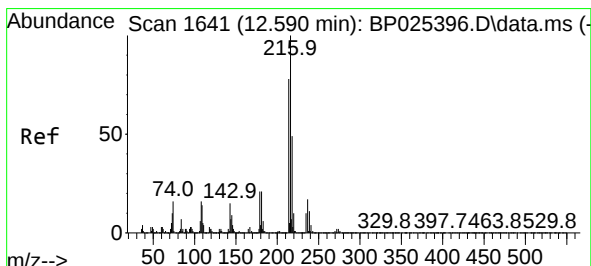
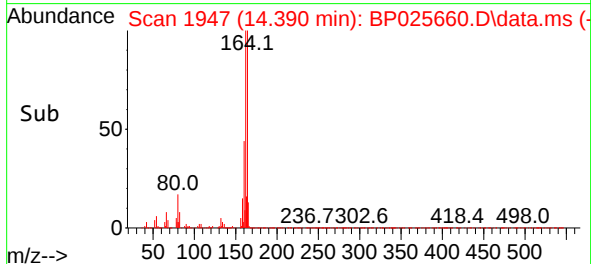
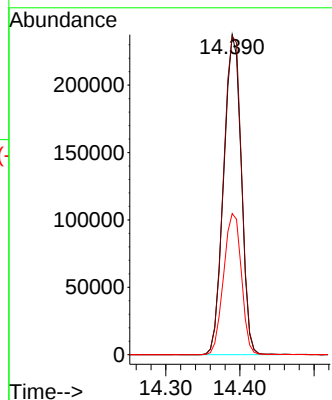
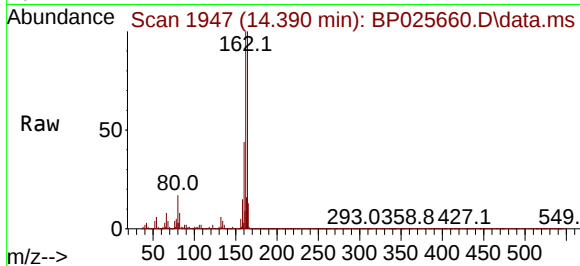




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

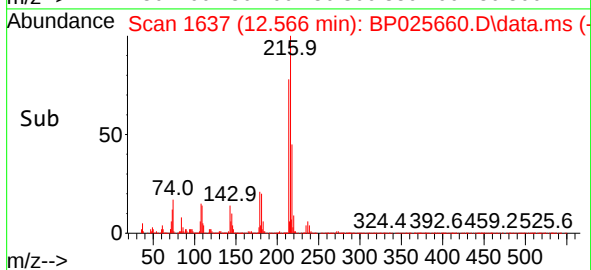
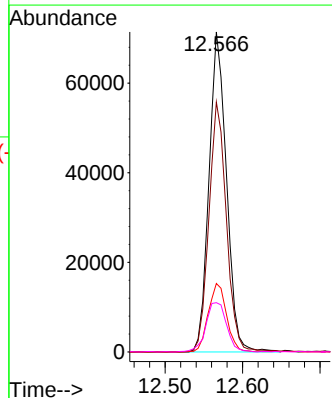
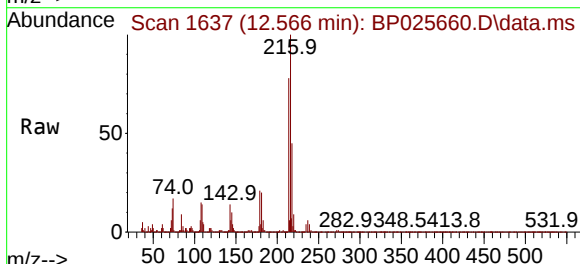
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:164 Resp: 389817
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.6
160 44.1 35.4 53.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.938 ng
RT: 12.566 min Scan# 1637
Delta R.T. -0.023 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:216 Resp: 111882
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 22.5 17.1 25.7
108 18.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 5.500 ng

RT: 12.548 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

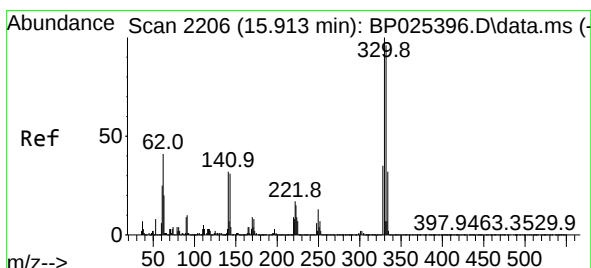
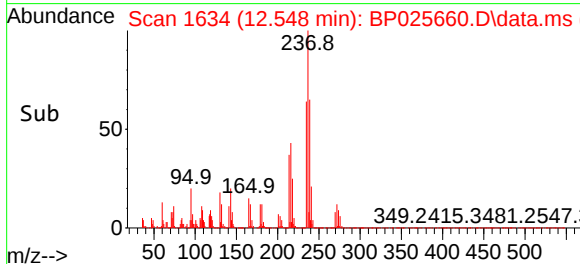
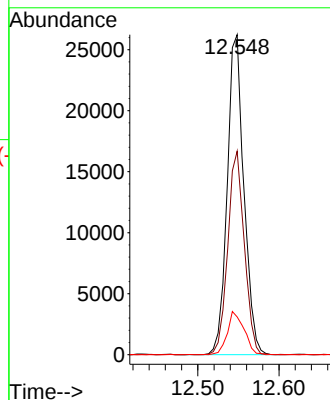
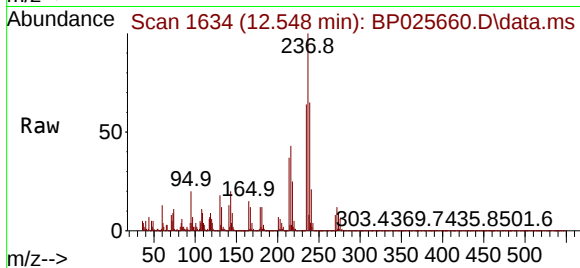
Tgt Ion:237 Resp: 37402

Ion Ratio Lower Upper

237 100

235 63.6 42.7 82.7

272 11.8 0.0 34.0



#42

2,4,6-Tribromophenol

Concen: 126.023 ng

RT: 15.907 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

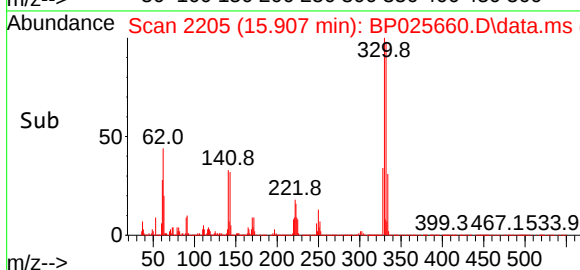
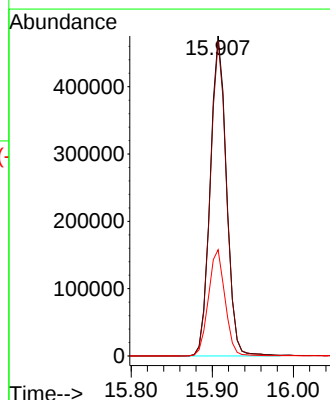
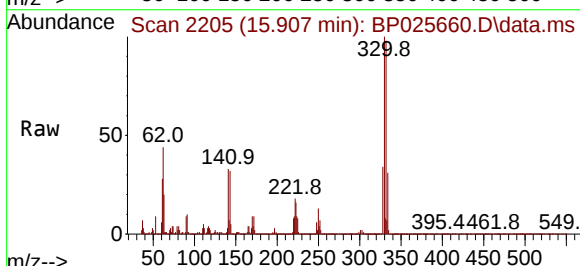
Tgt Ion:330 Resp: 661237

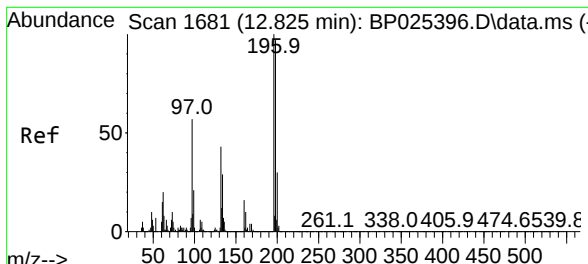
Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 33.9 26.6 39.8

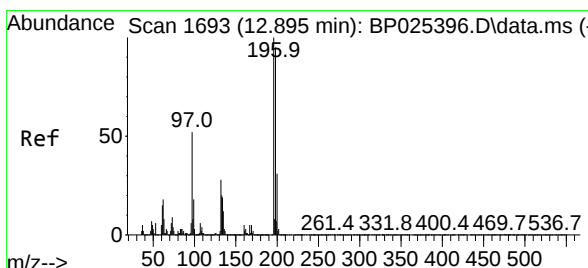
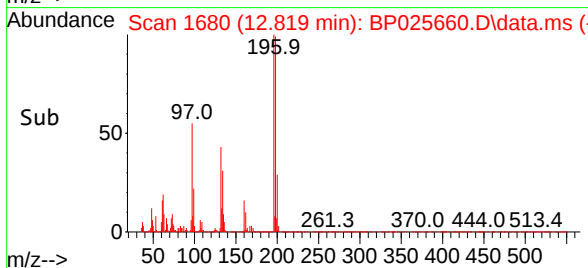
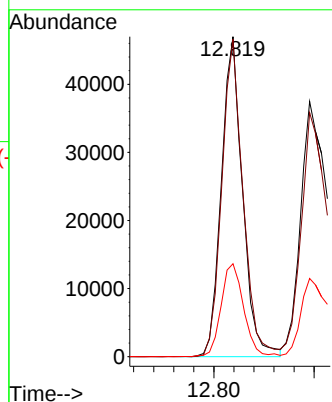
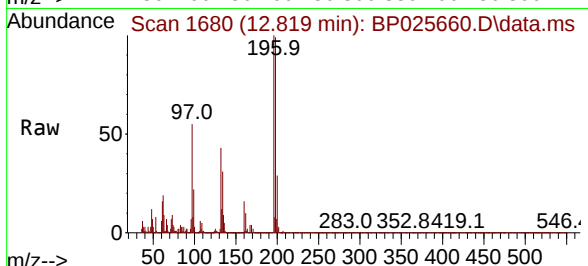




#43
2,4,6-Trichlorophenol
Concen: 9.052 ng
RT: 12.819 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

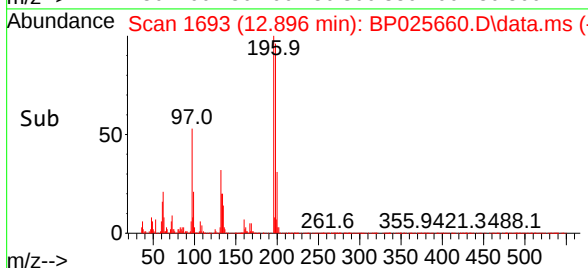
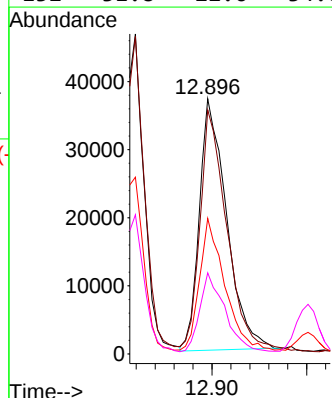
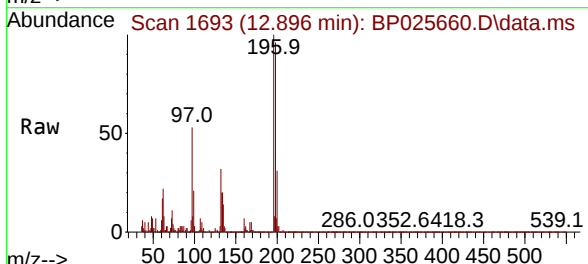
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

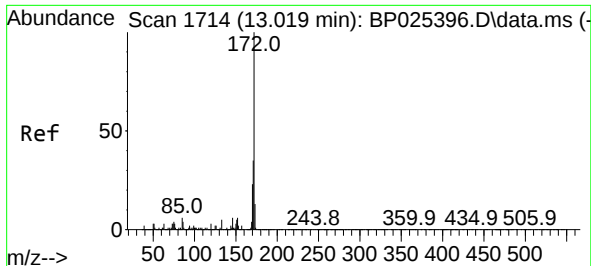
Tgt Ion:196 Resp: 68801
Ion Ratio Lower Upper
196 100
198 99.2 77.2 115.8
200 29.1 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 8.866 ng
RT: 12.896 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:196 Resp: 73856
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
97 53.1 41.2 61.8
132 31.8 22.6 34.0

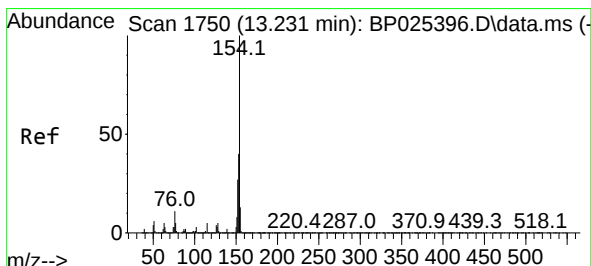
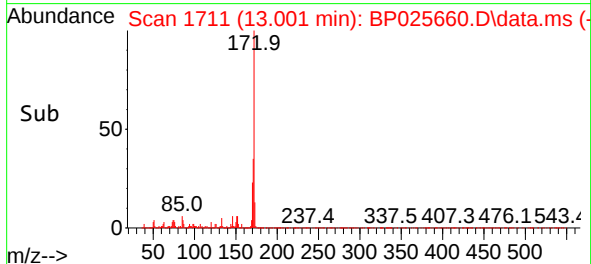
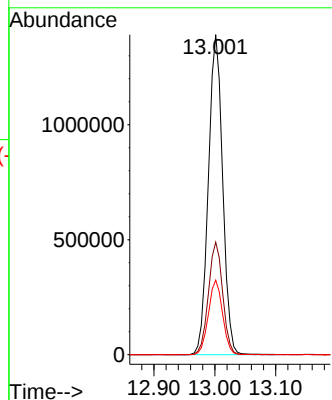
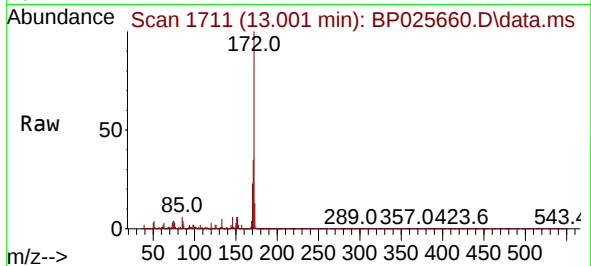




#45
2-Fluorobiphenyl
Concen: 79.358 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

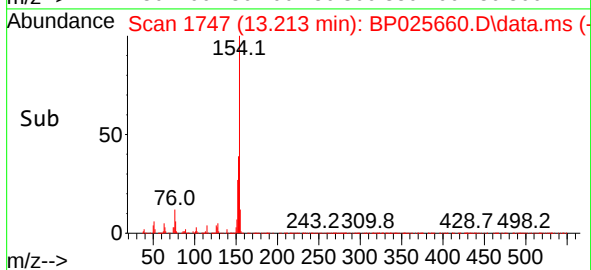
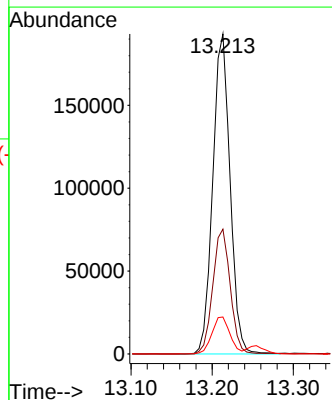
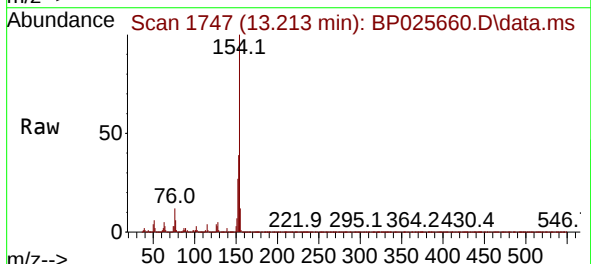
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

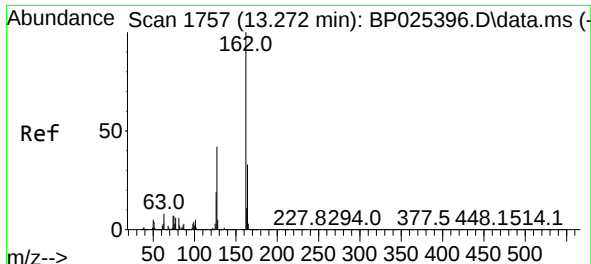
Tgt Ion:172 Resp: 2263522
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.082 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:154 Resp: 285435
Ion Ratio Lower Upper
154 100
153 39.0 19.5 59.5
76 11.6 0.0 31.1

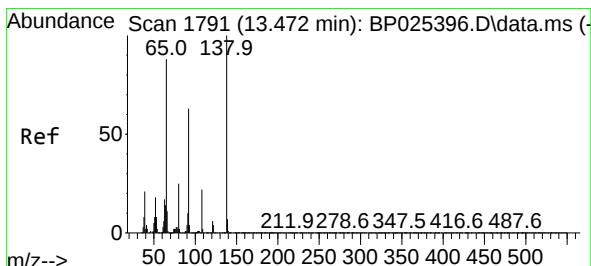
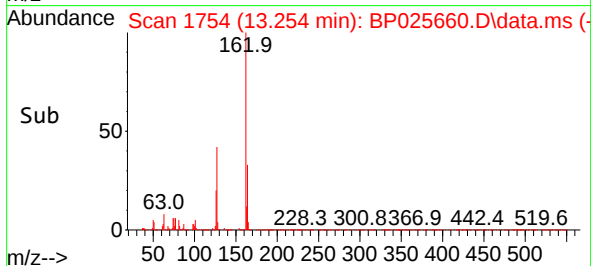
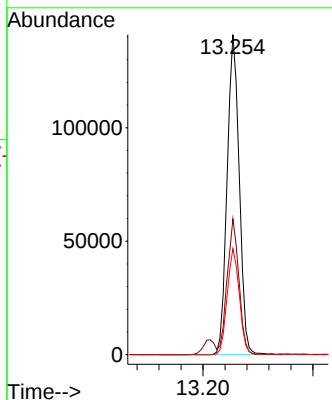
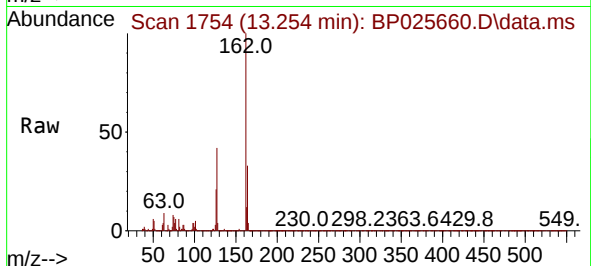




#47
2-Chloronaphthalene
Concen: 9.811 ng
RT: 13.254 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

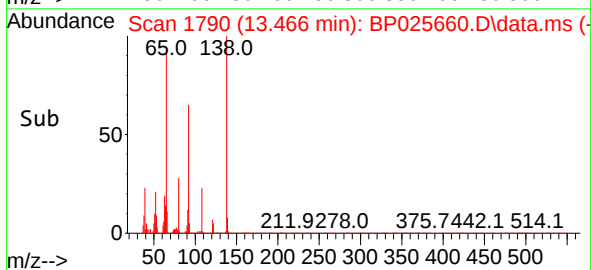
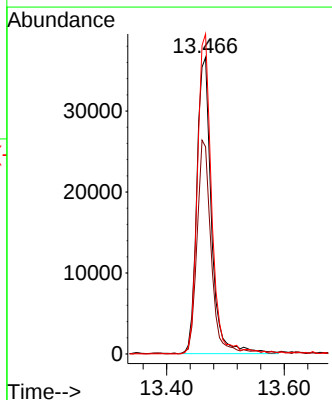
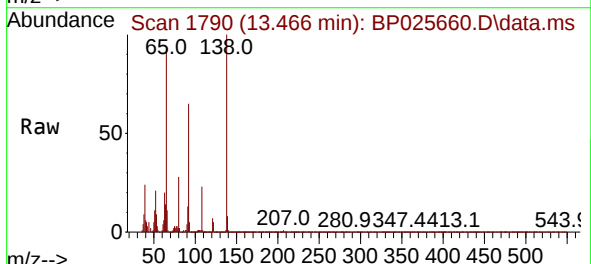
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025

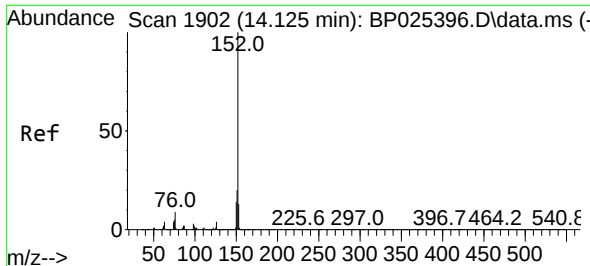
Tgt Ion:162 Resp: 216229
Ion Ratio Lower Upper
162 100
127 42.4 33.4 50.2
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 9.831 ng
RT: 13.466 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion: 65 Resp: 63135
Ion Ratio Lower Upper
65 100
92 69.9 57.6 86.4
138 107.9 91.0 136.6

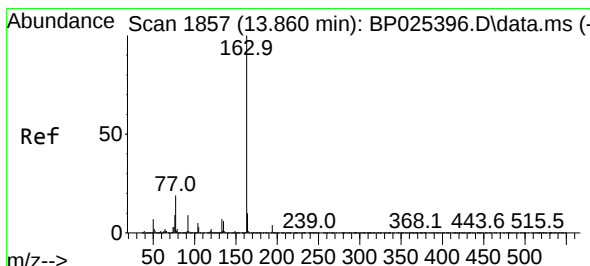
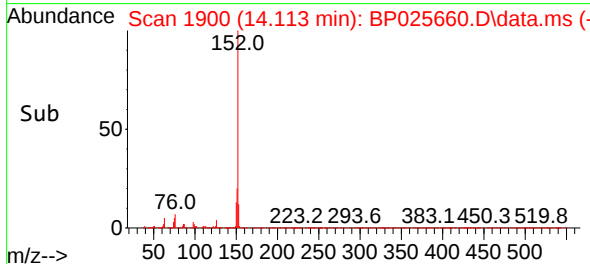
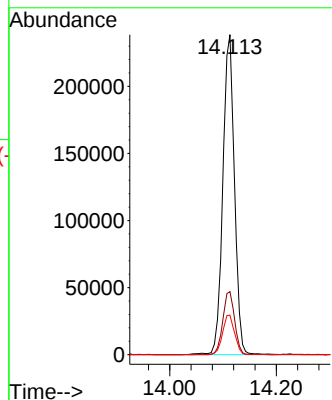
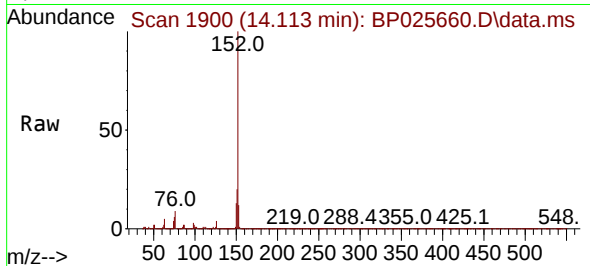




#49
Acenaphthylene
Concen: 9.877 ng
RT: 14.113 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

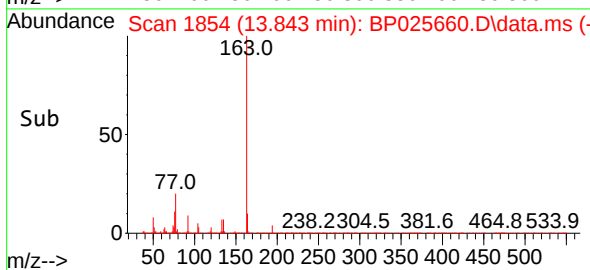
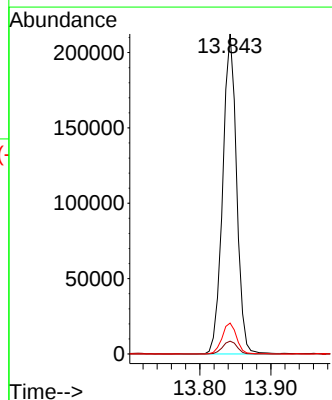
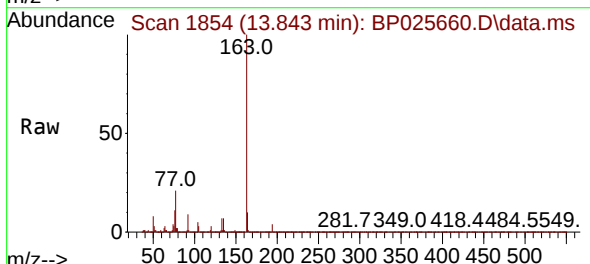
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

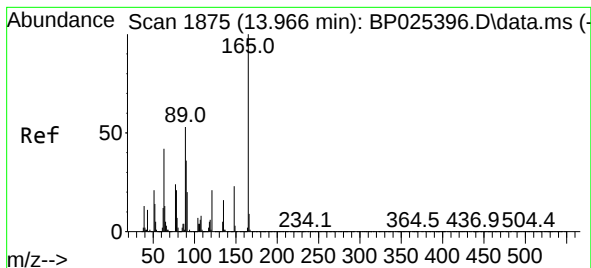
Tgt Ion:152 Resp: 360224
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 12.4 10.6 15.8



#50
Dimethylphthalate
Concen: 10.062 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:163 Resp: 287219
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.6 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 9.619 ng

RT: 13.954 min Scan# 1875

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

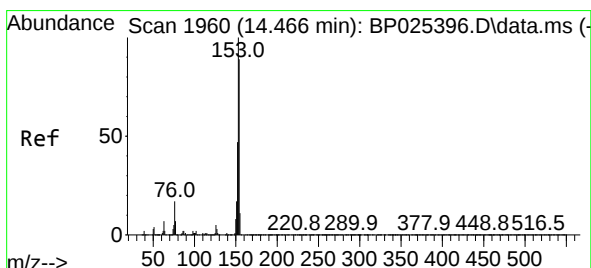
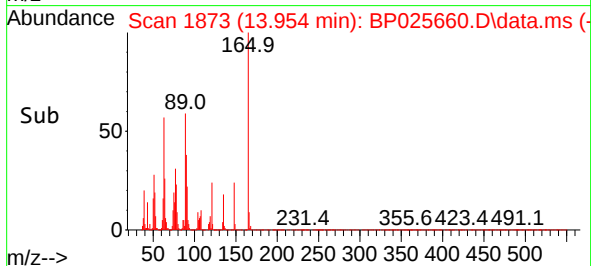
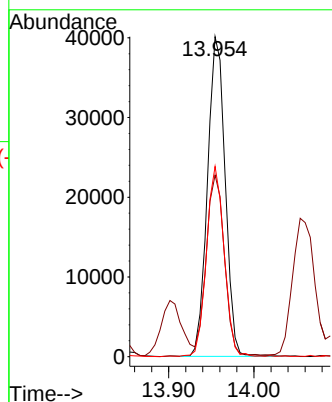
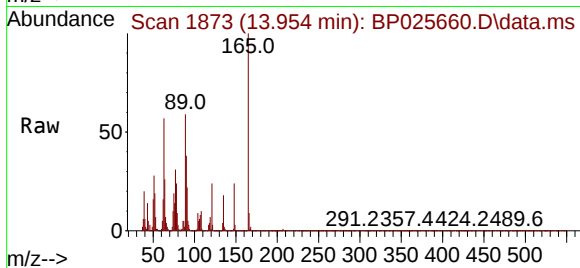
Tgt Ion:165 Resp: 57873

Ion Ratio Lower Upper

165 100

63 56.8 40.9 61.3

89 59.5 42.1 63.1



#52

Acenaphthene

Concen: 9.641 ng

RT: 14.454 min Scan# 1958

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

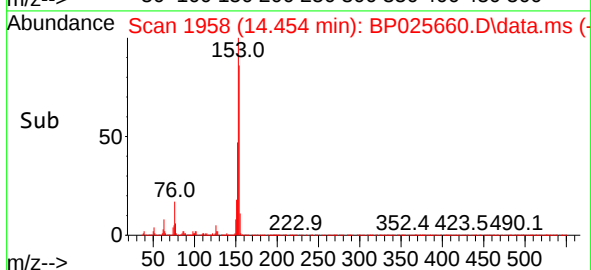
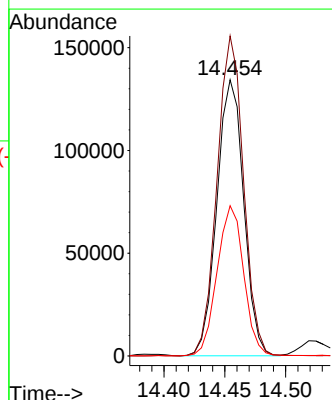
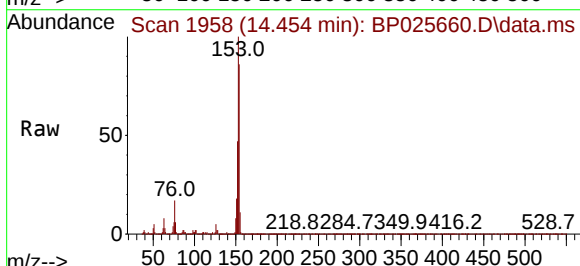
Tgt Ion:154 Resp: 206376

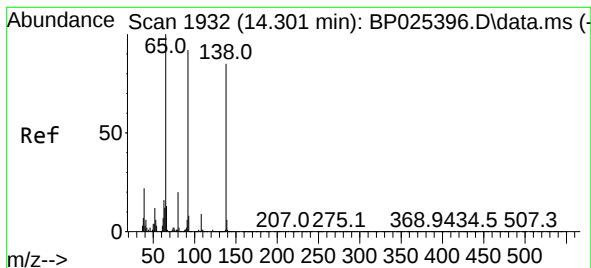
Ion Ratio Lower Upper

154 100

153 115.9 90.2 135.2

152 54.4 42.1 63.1





#53

3-Nitroaniline

Concen: 8.965 ng

RT: 14.295 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

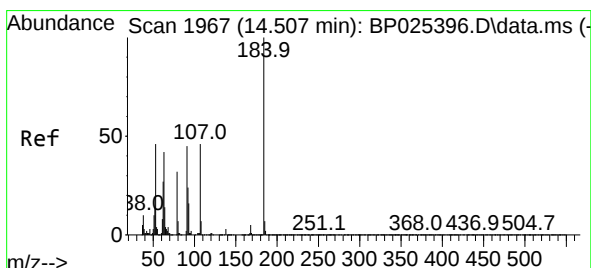
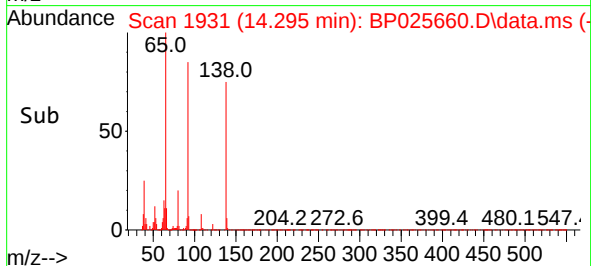
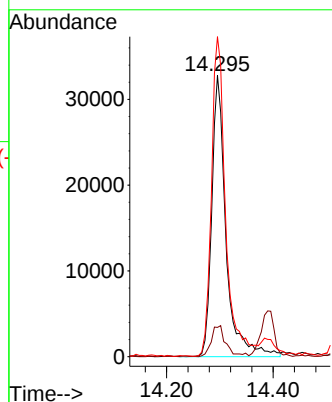
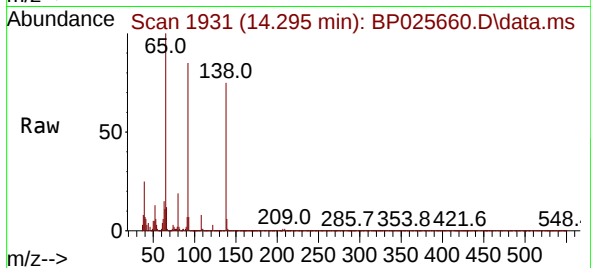
Tgt Ion:138 Resp: 60685

Ion Ratio Lower Upper

138 100

108 10.4 8.3 12.5

92 113.8 86.2 129.2



#54

2,4-Dinitrophenol

Concen: 6.264 ng

RT: 14.519 min Scan# 1969

Delta R.T. 0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

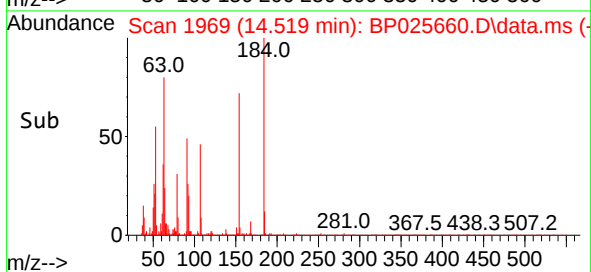
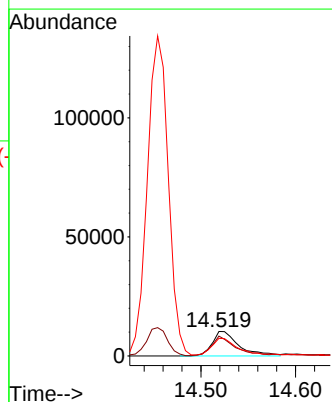
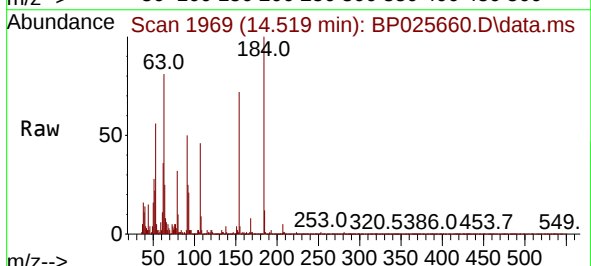
Tgt Ion:184 Resp: 20128

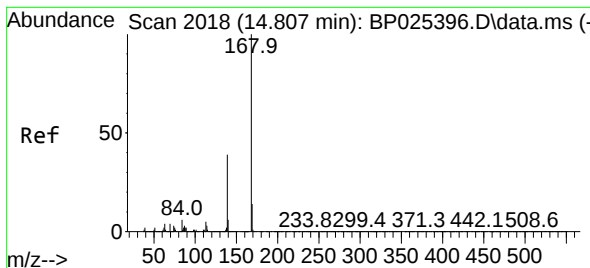
Ion Ratio Lower Upper

184 100

63 81.0 49.4 74.2#

154 72.0 54.6 82.0

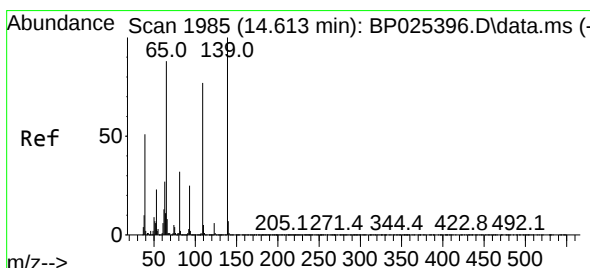
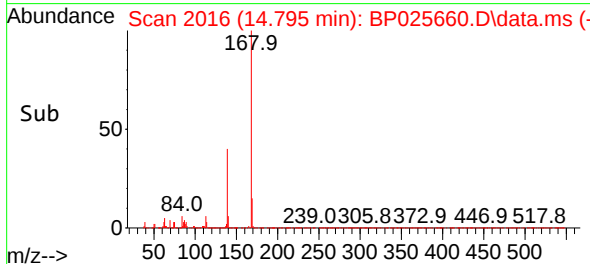
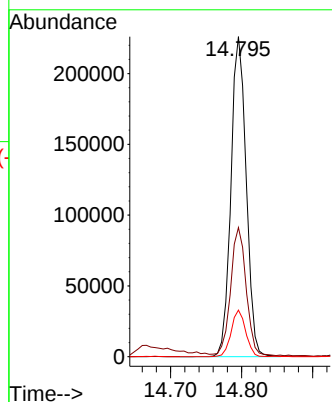
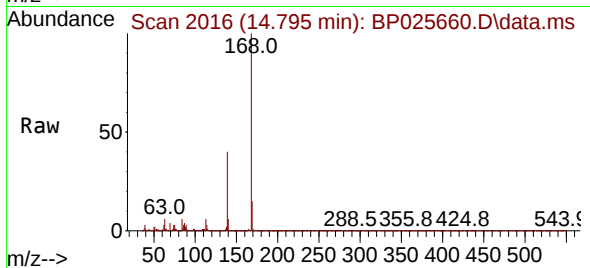




#55
Dibenzofuran
Concen: 9.968 ng
RT: 14.795 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

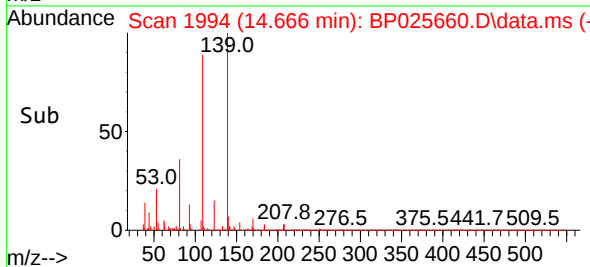
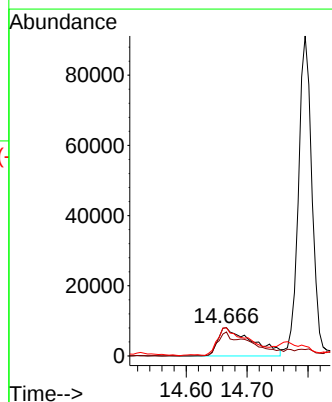
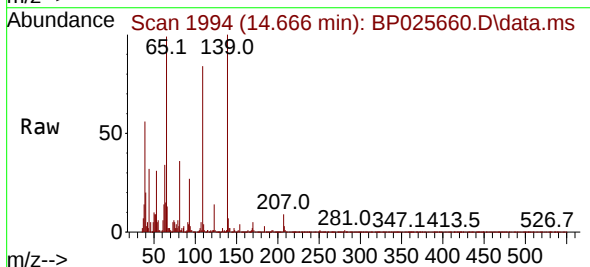
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

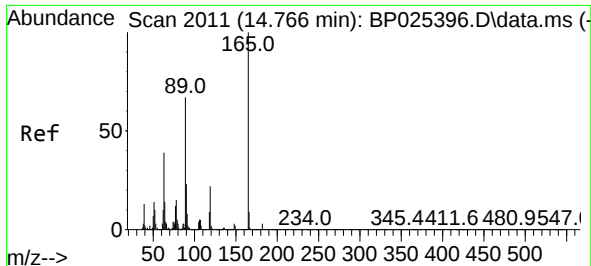
Tgt Ion:168 Resp: 337353
Ion Ratio Lower Upper
168 100
139 40.3 31.5 47.3
169 14.6 10.9 16.3



#56
4-Nitrophenol
Concen: 5.640 ng
RT: 14.666 min Scan# 1994
Delta R.T. 0.053 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:139 Resp: 31375
Ion Ratio Lower Upper
139 100
109 84.4 56.6 96.6
65 99.3 68.2 108.2

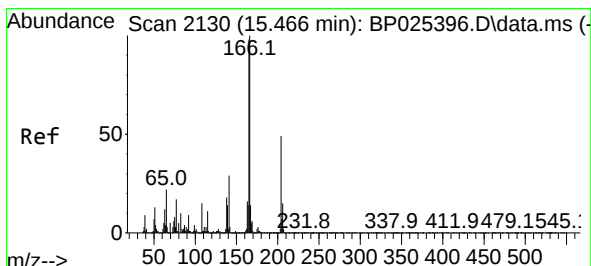
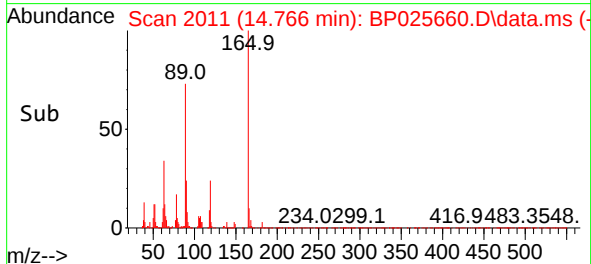
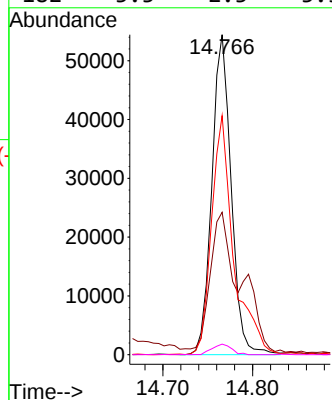
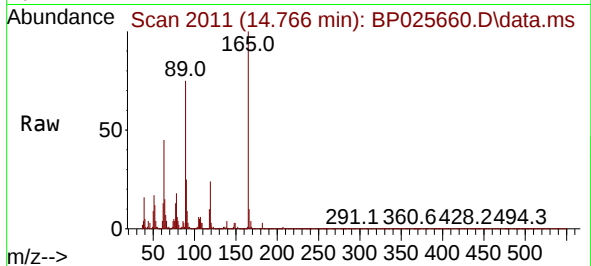




#57
2,4-Dinitrotoluene
Concen: 9.468 ng
RT: 14.766 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

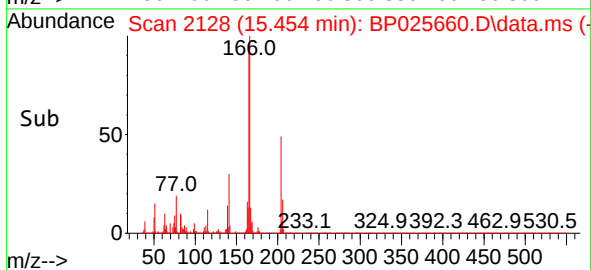
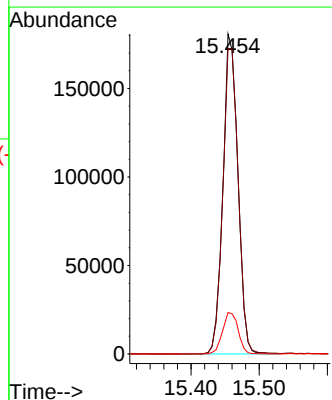
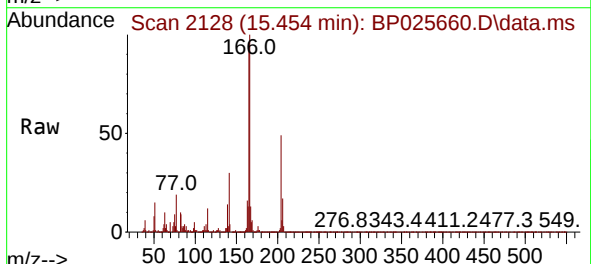
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

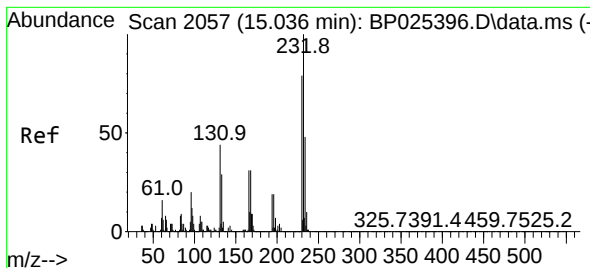
Tgt Ion:	165	Resp:	81278
Ion Ratio	Lower	Upper	
165	100		
63	44.5	31.4	47.2
89	74.7	53.3	79.9
182	3.3	2.3	3.5



#58
Fluorene
Concen: 10.312 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:	166	Resp:	275385
Ion Ratio	Lower	Upper	
166	100		
165	95.5	78.8	118.2
167	13.0	11.0	16.4

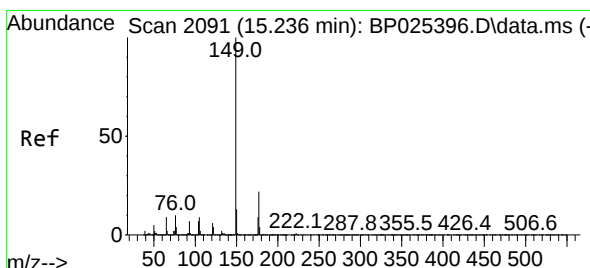
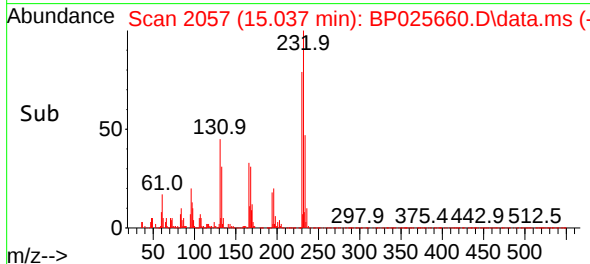
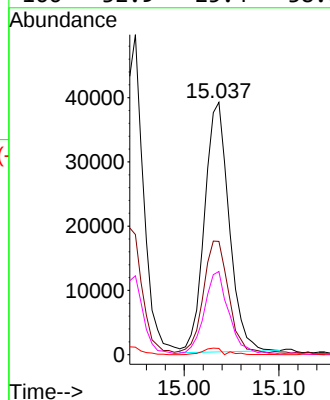
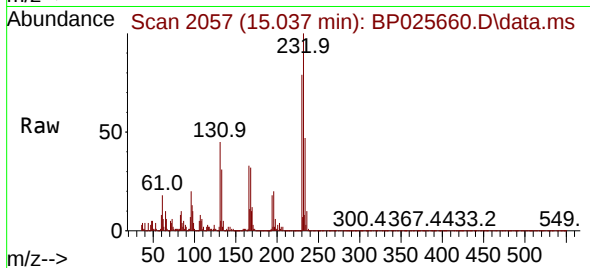




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.511 ng
RT: 15.037 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

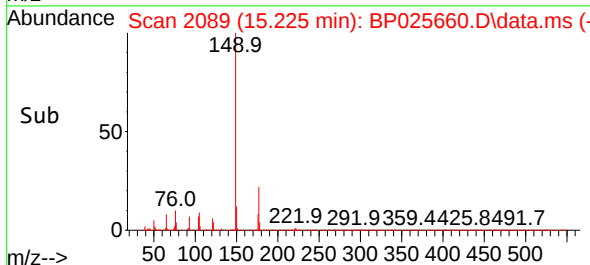
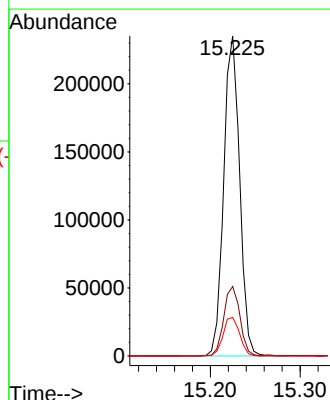
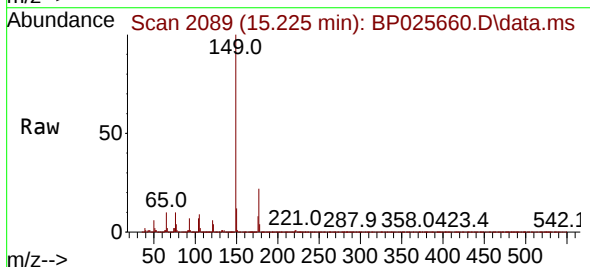
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

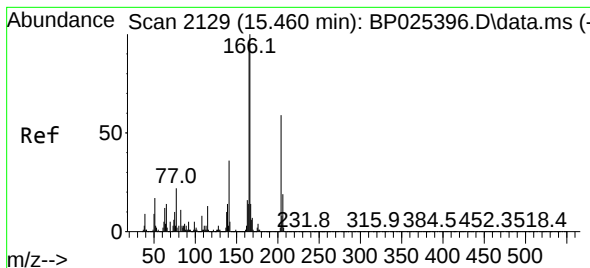
Tgt Ion:232	Resp:	69957
Ion Ratio	Lower	Upper
232	100	
131	47.5	37.0 55.6
130	2.3	1.9 2.9
166	32.9	25.4 38.0



#60
Diethylphthalate
Concen: 9.980 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:149	Resp:	289489
Ion Ratio	Lower	Upper
149	100	
177	21.7	17.3 25.9
150	12.1	10.3 15.5

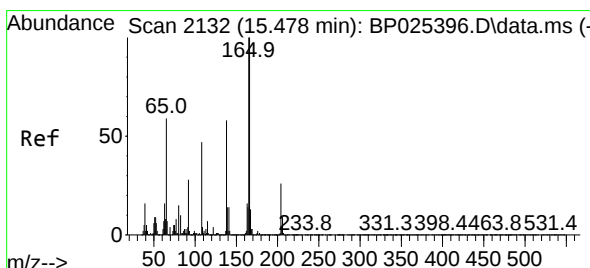
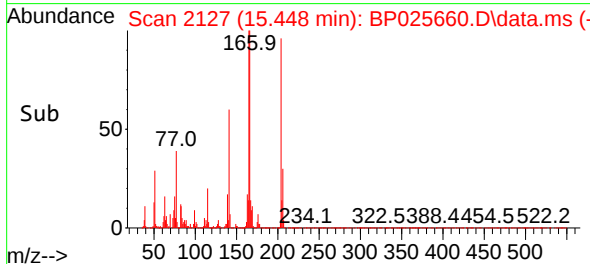
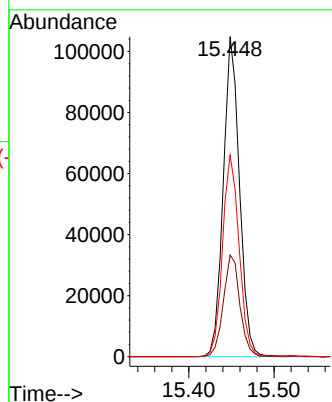
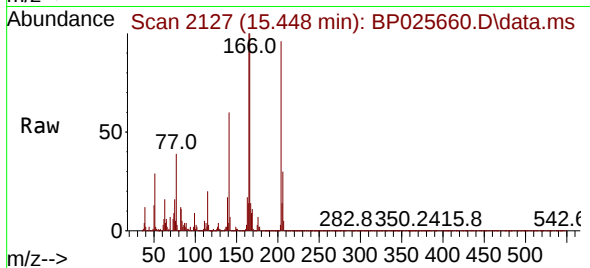




#61
4-Chlorophenyl-phenylether
Concen: 10.435 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

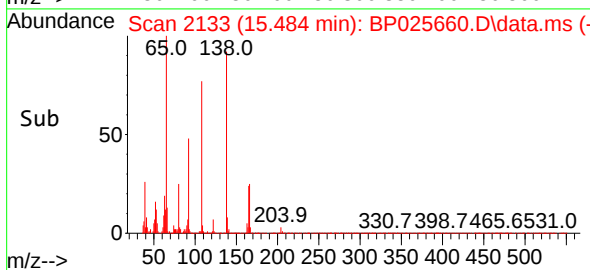
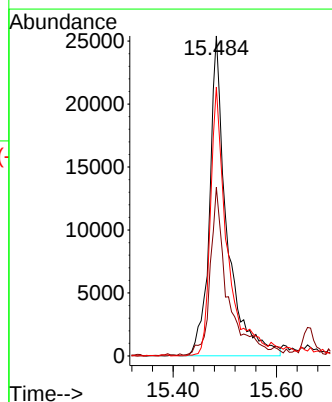
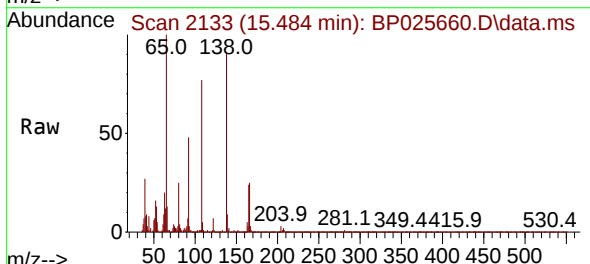
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

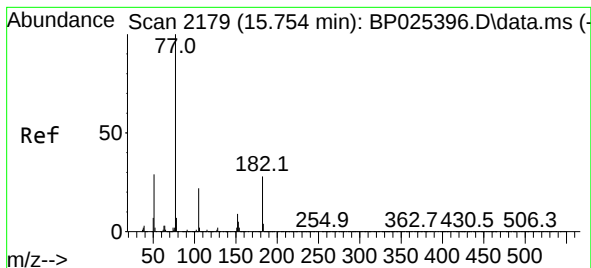
Tgt Ion:204 Resp: 138588
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 63.0 49.4 74.2



#62
4-Nitroaniline
Concen: 8.550 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:138 Resp: 59336
Ion Ratio Lower Upper
138 100
92 52.7 29.1 69.1
108 84.1 61.5 101.5





#63

Azobenzene

Concen: 10.427 ng

RT: 15.748 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 77 Resp: 258971

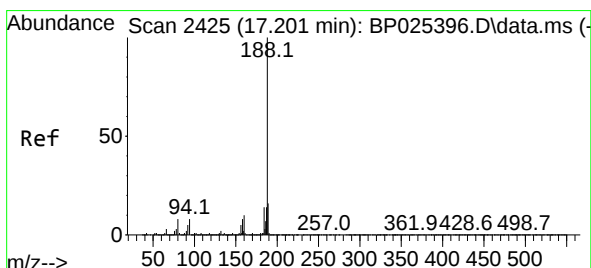
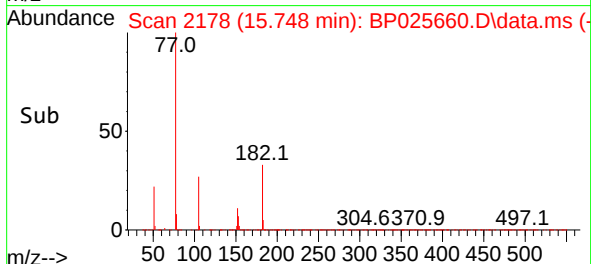
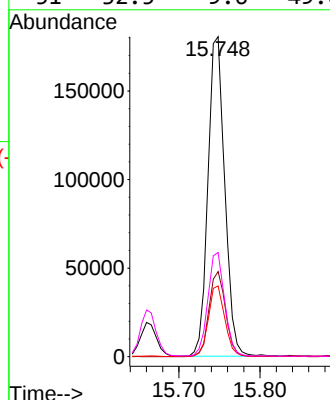
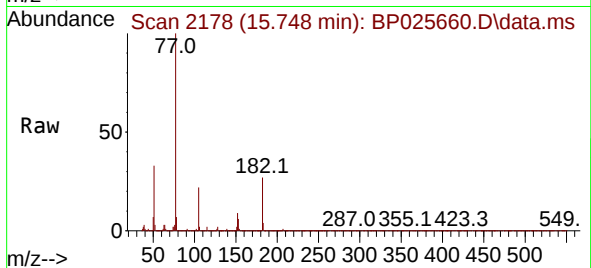
Ion Ratio Lower Upper

77 100

182 26.6 7.5 47.5

105 22.1 2.1 42.1

51 32.5 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

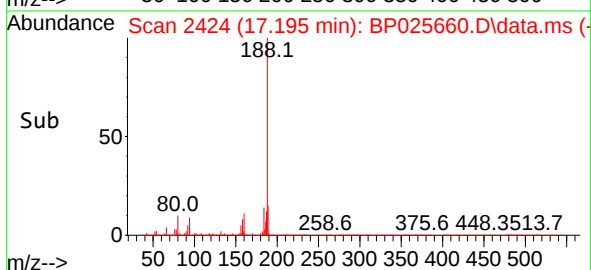
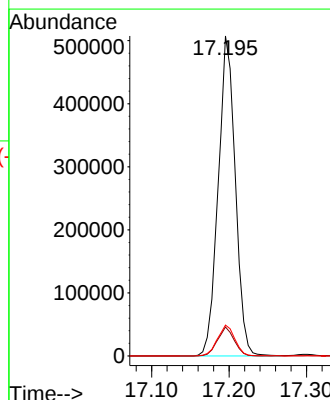
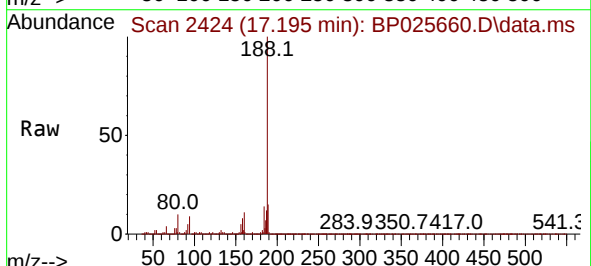
Tgt Ion:188 Resp: 778487

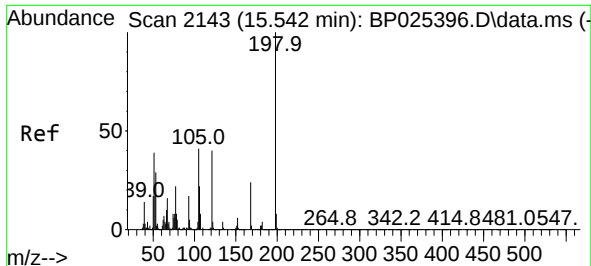
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.6 6.7 10.1

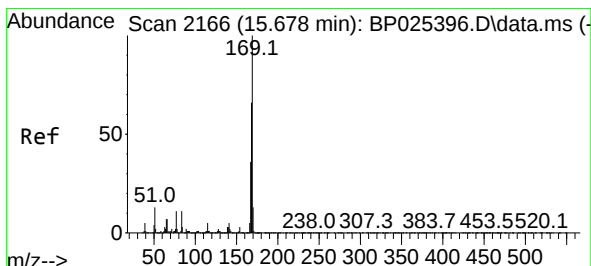
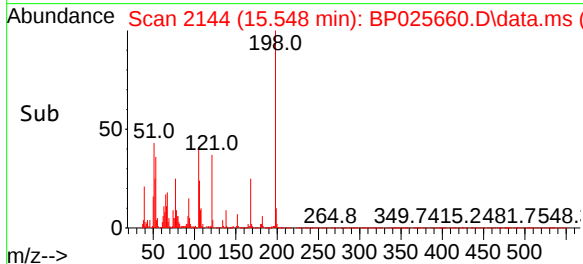
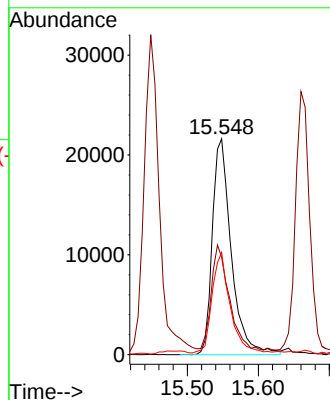
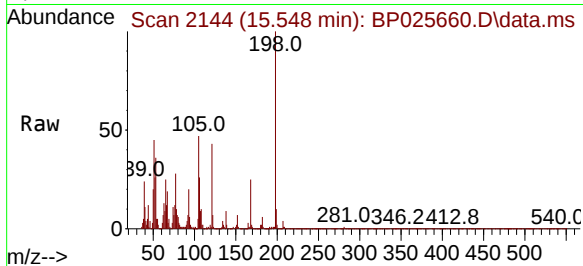




#65
4,6-Dinitro-2-methylphenol
Concen: 8.246 ng
RT: 15.548 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

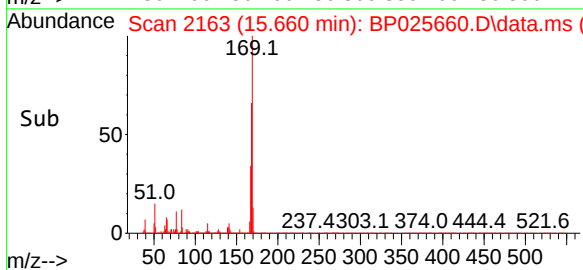
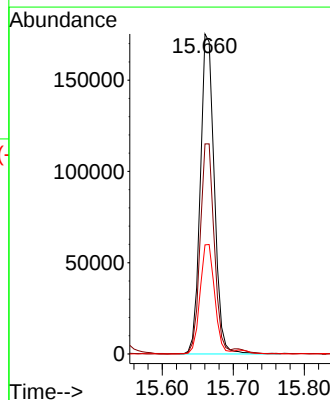
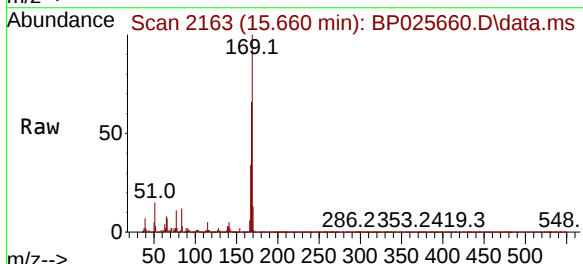
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

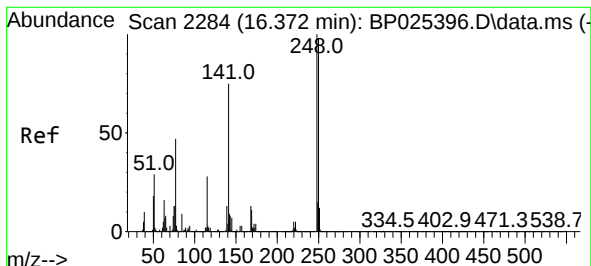
Tgt Ion:198 Resp: 40017
Ion Ratio Lower Upper
198 100
51 45.1 19.6 59.6
105 47.3 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 10.128 ng
RT: 15.660 min Scan# 2163
Delta R.T. -0.018 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:169 Resp: 240423
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 34.1 28.7 43.1

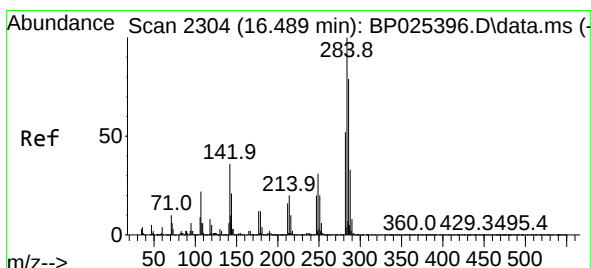
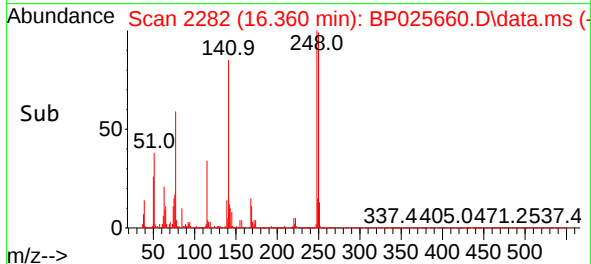
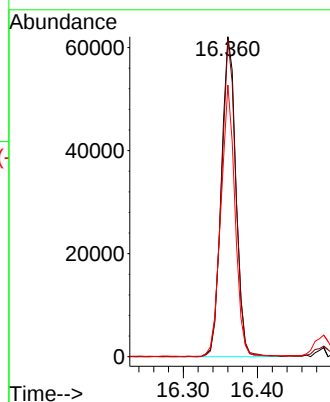
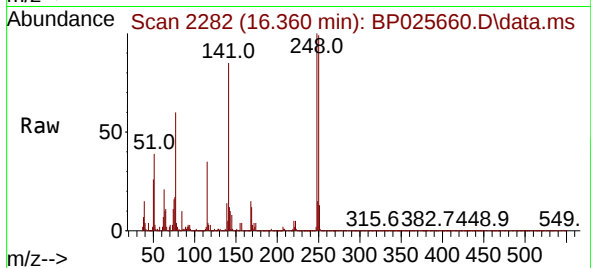




#67
4-Bromophenyl-phenylether
Concen: 9.926 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

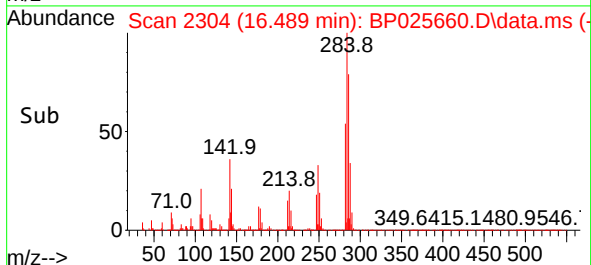
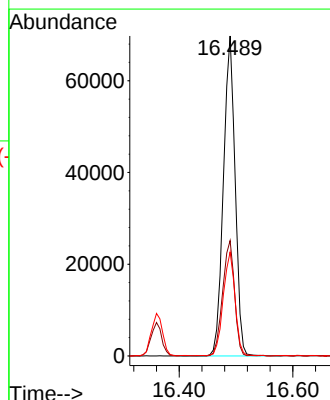
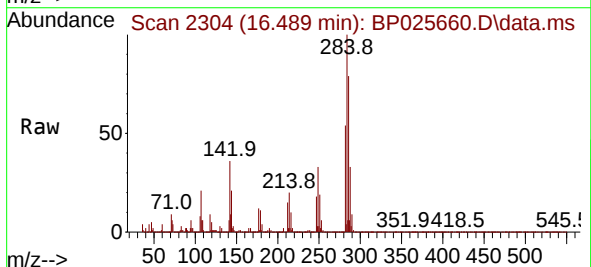
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

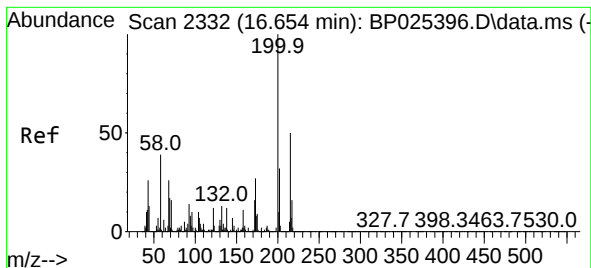
Tgt Ion:248 Resp: 84988
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.2
141 84.8 59.6 89.4



#68
Hexachlorobenzene
Concen: 10.120 ng
RT: 16.489 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:284 Resp: 100442
Ion Ratio Lower Upper
284 100
142 36.0 29.1 43.7
249 32.5 25.0 37.4





#69

Atrazine

Concen: 9.707 ng

RT: 16.642 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

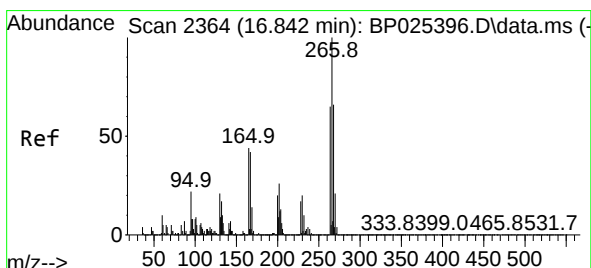
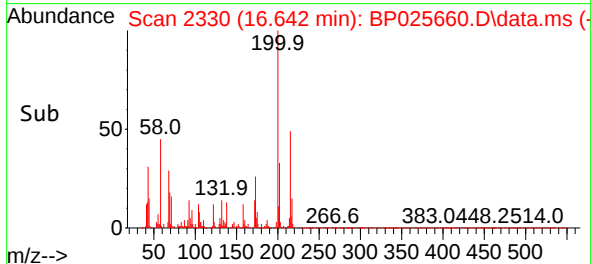
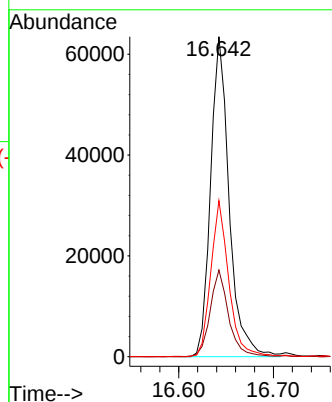
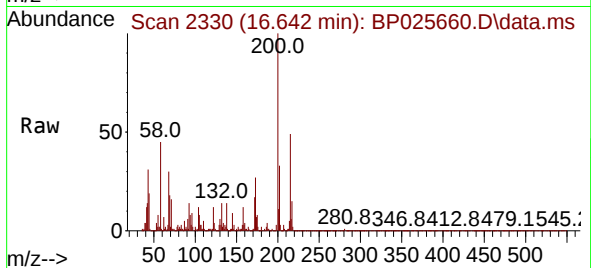
Tgt Ion:200 Resp: 86300

Ion Ratio Lower Upper

200 100

173 27.0 6.7 46.7

215 48.7 29.7 69.7



#70

Pentachlorophenol

Concen: 8.050 ng

RT: 16.854 min Scan# 2366

Delta R.T. 0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

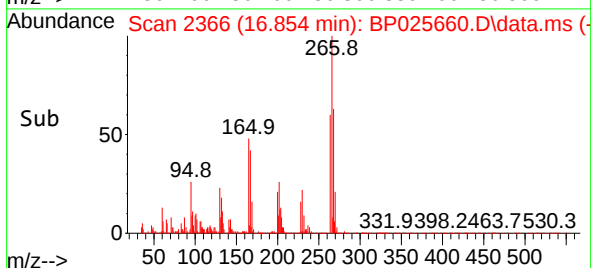
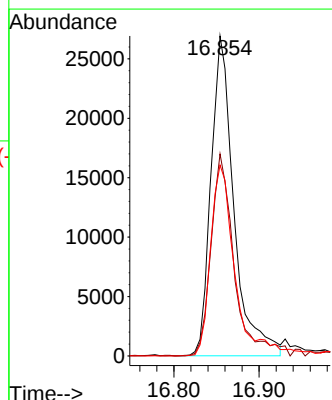
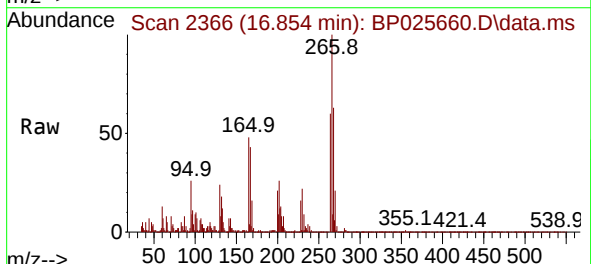
Tgt Ion:266 Resp: 50433

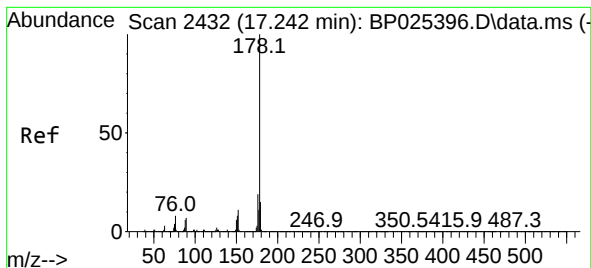
Ion Ratio Lower Upper

266 100

268 63.1 52.6 79.0

264 59.7 52.0 78.0





#71

Phenanthrene

Concen: 9.942 ng

RT: 17.242 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

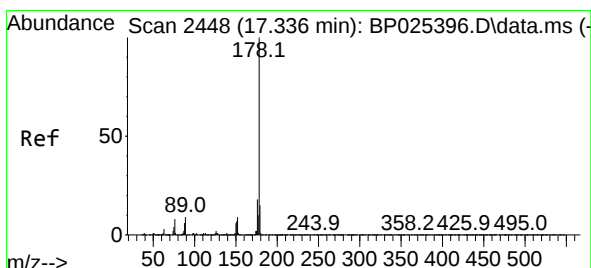
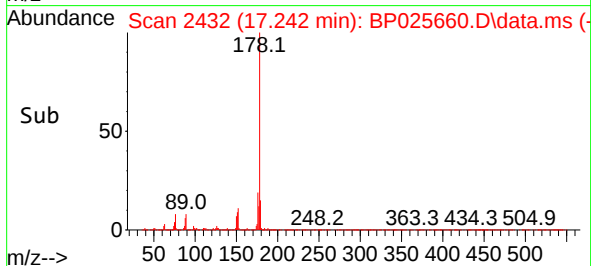
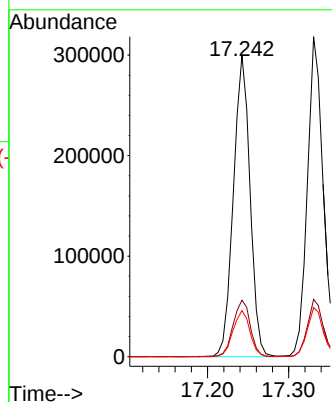
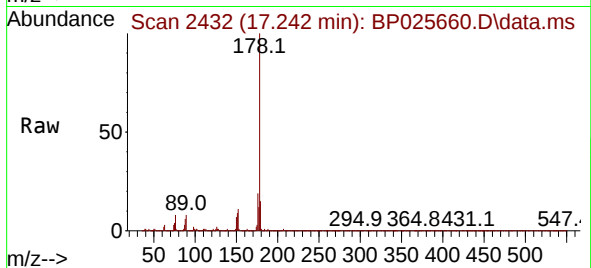
Tgt Ion:178 Resp: 425178

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 15.3 12.2 18.4



#72

Anthracene

Concen: 9.923 ng

RT: 17.331 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

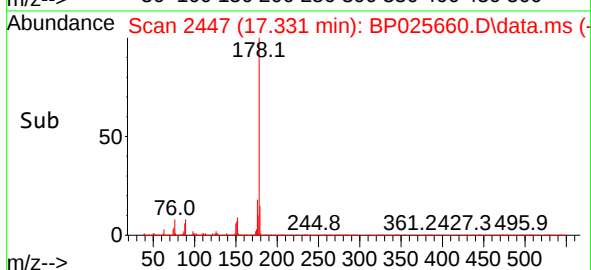
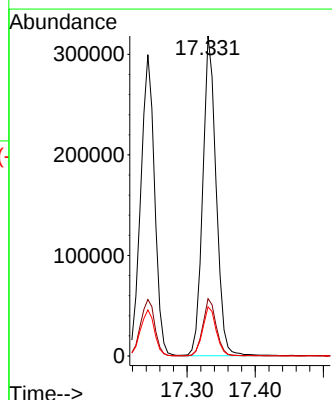
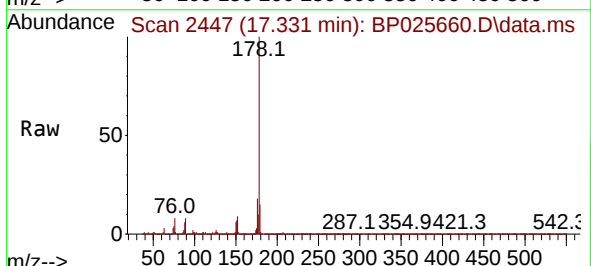
Tgt Ion:178 Resp: 433349

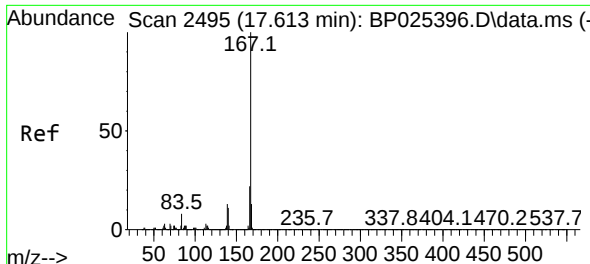
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.3 12.2 18.2

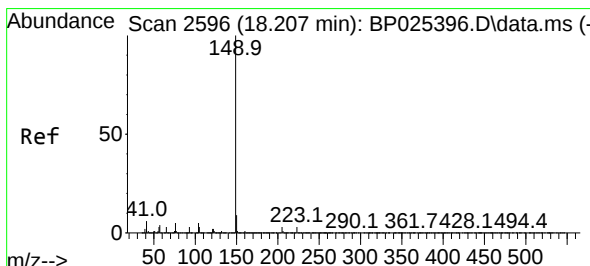
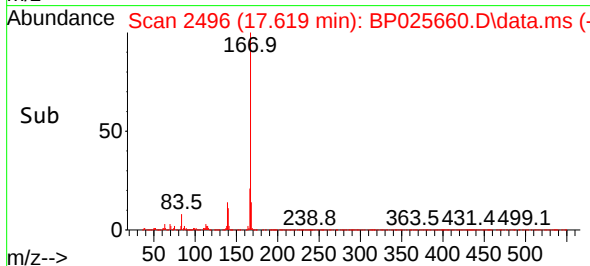
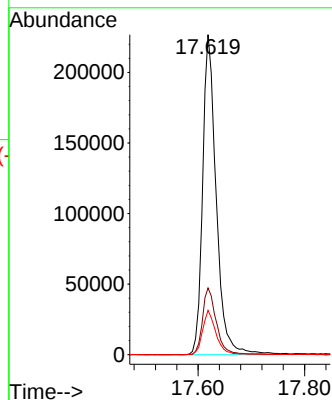
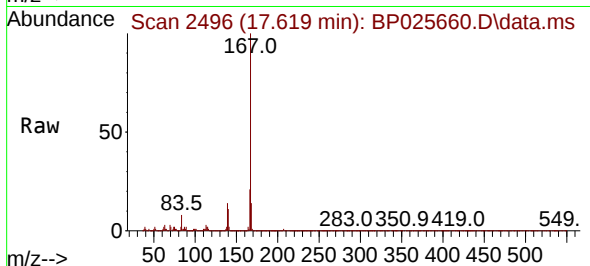




#73
 Carbazole
 Concen: 9.739 ng
 RT: 17.619 min Scan# 2496
 Delta R.T. 0.006 min
 Lab File: BP025660.D
 Acq: 04 Sep 2025 14:47

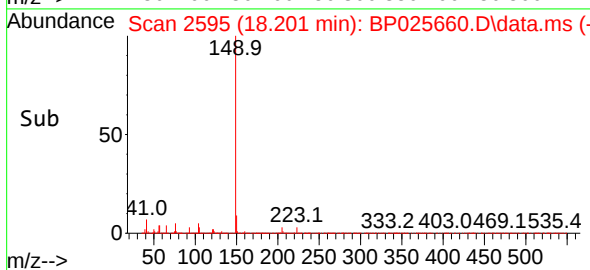
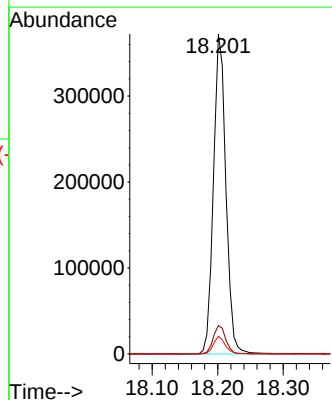
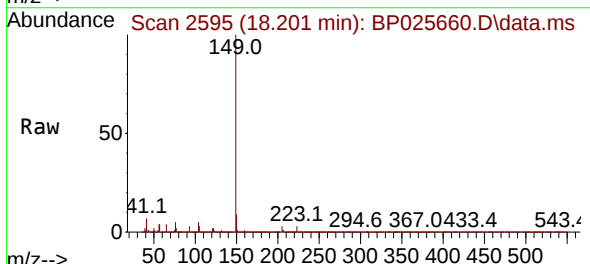
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

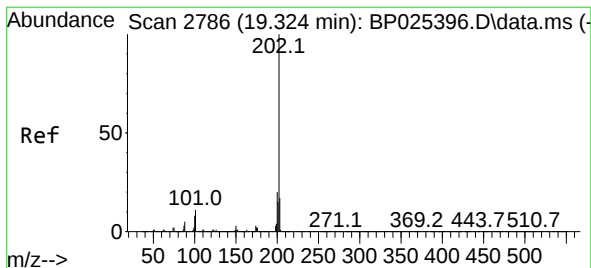
Tgt Ion:167 Resp: 400632
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.5 26.3
 139 13.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 9.680 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025660.D
 Acq: 04 Sep 2025 14:47

Tgt Ion:149 Resp: 489888
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 9.803 ng

RT: 19.325 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

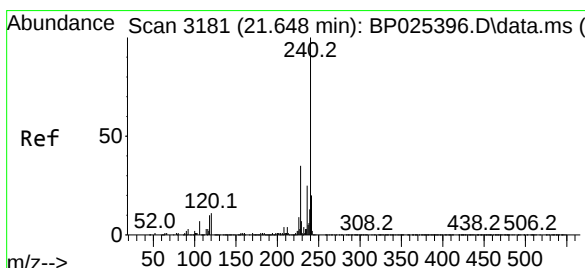
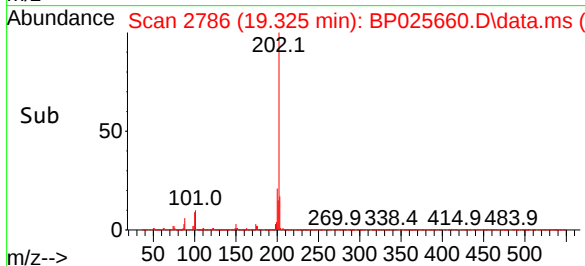
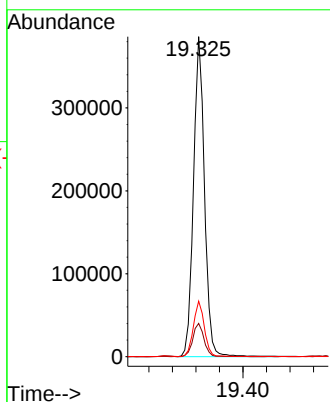
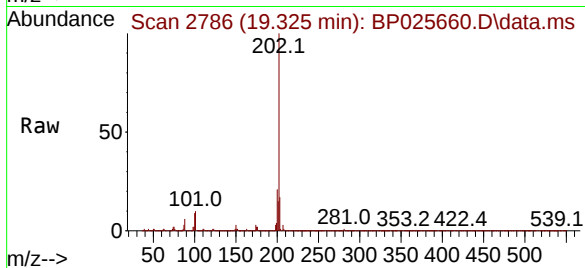
Tgt Ion:202 Resp: 500052

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.1

203 17.4 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

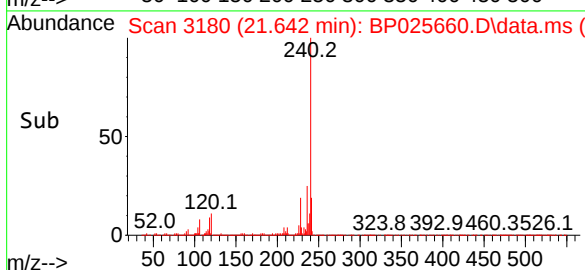
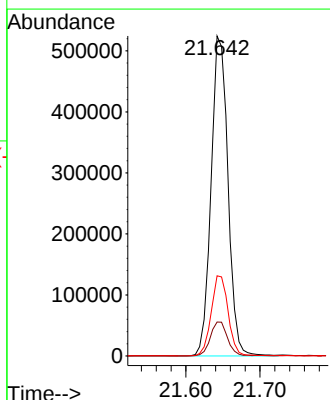
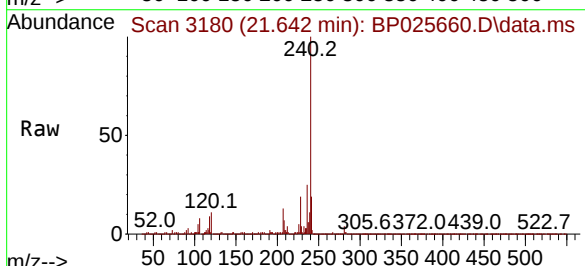
Tgt Ion:240 Resp: 828025

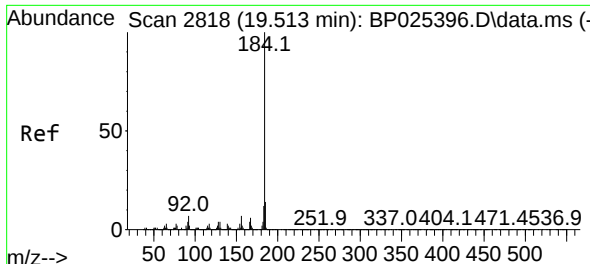
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.0 19.8 29.8

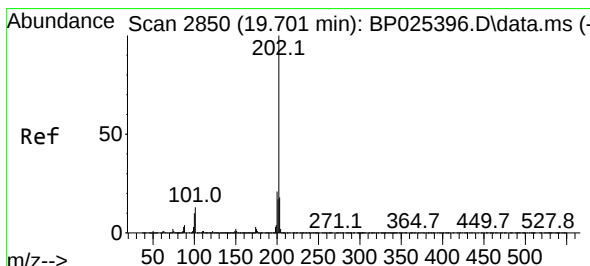
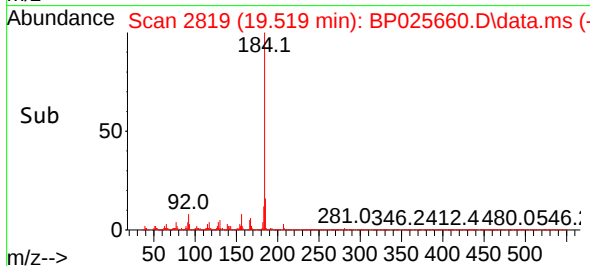
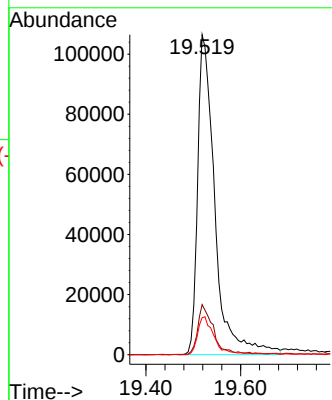
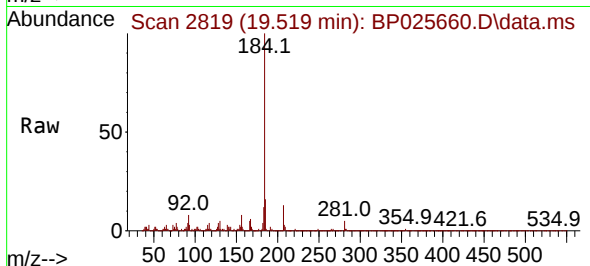




#77
Benzidine
Concen: 9.496 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

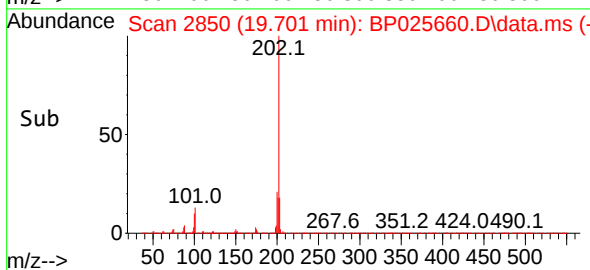
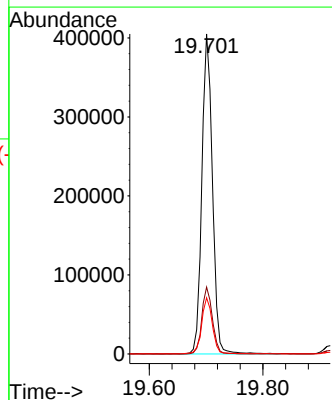
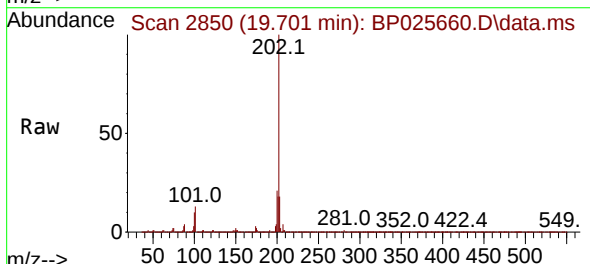
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

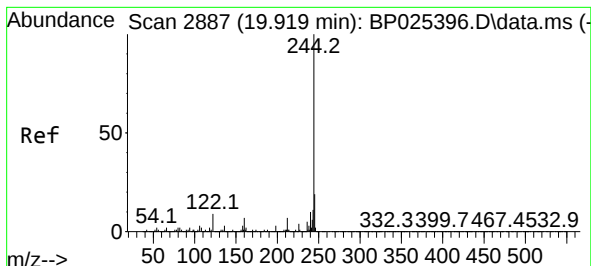
Tgt Ion:184 Resp: 268335
Ion Ratio Lower Upper
184 100
185 15.6 11.5 17.3
183 11.6 9.4 14.2



#78
Pyrene
Concen: 9.715 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:202 Resp: 522846
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 82.995 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

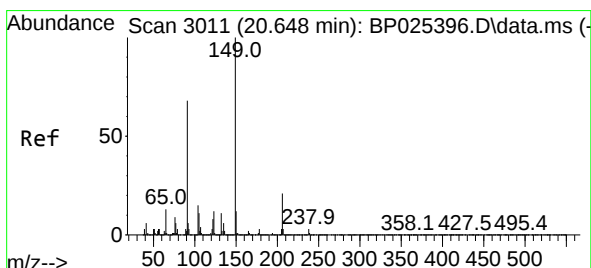
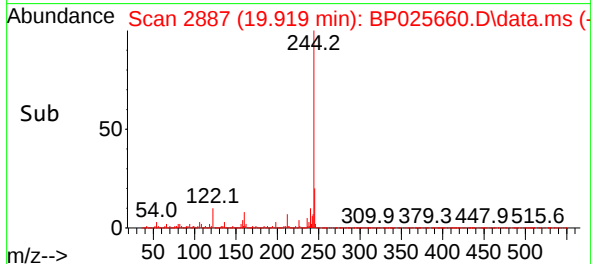
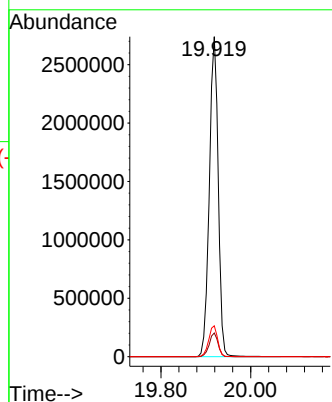
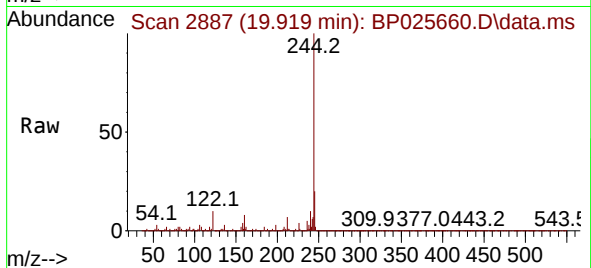
Tgt Ion:244 Resp: 3756167

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.7 7.4 11.2



#80

Butylbenzylphthalate

Concen: 9.479 ng

RT: 20.648 min Scan# 3011

Delta R.T. 0.000 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

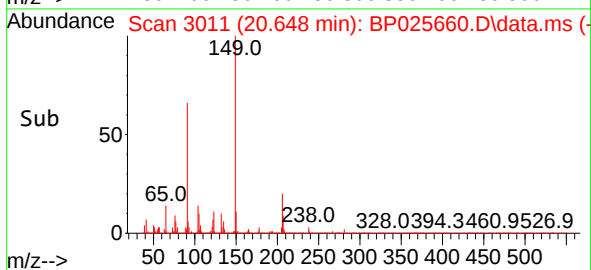
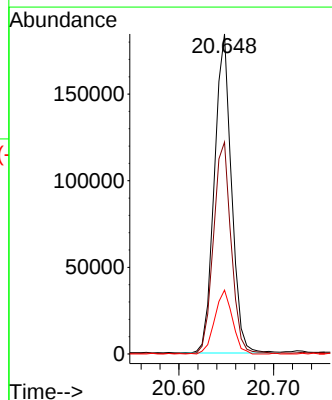
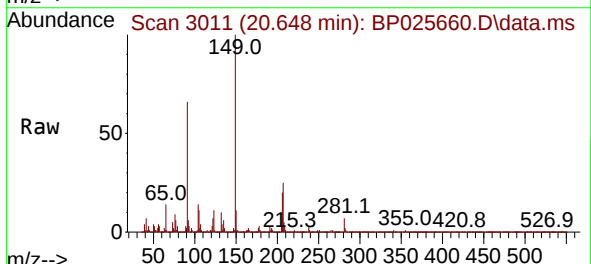
Tgt Ion:149 Resp: 231216

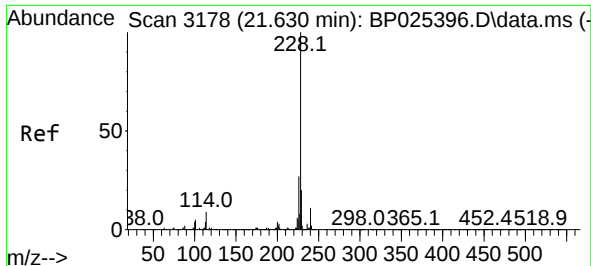
Ion Ratio Lower Upper

149 100

91 66.2 54.2 81.2

206 19.9 16.6 24.8

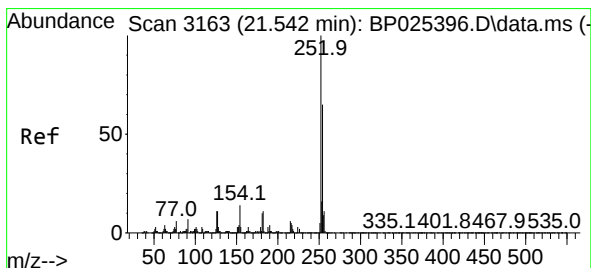
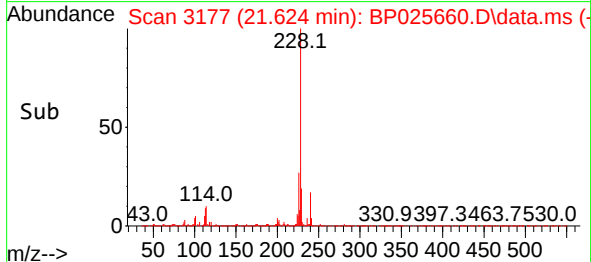
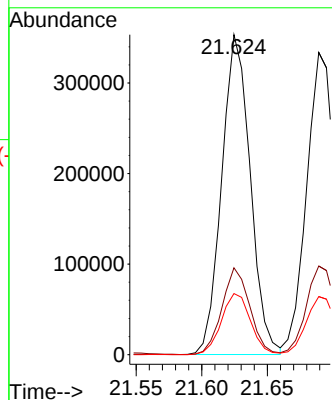
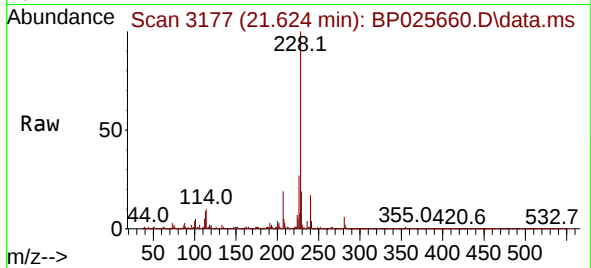




#81
Benzo(a)anthracene
Concen: 9.796 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

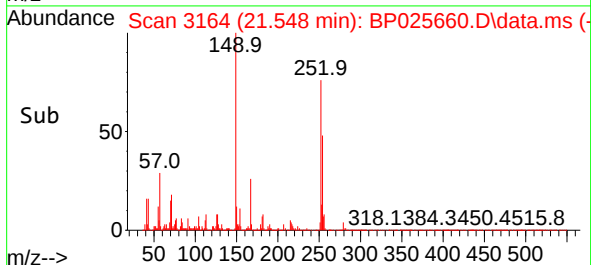
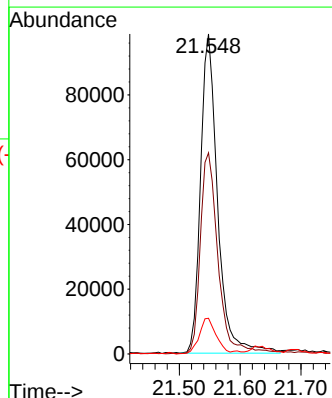
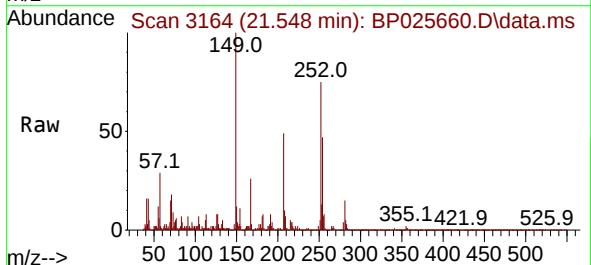
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

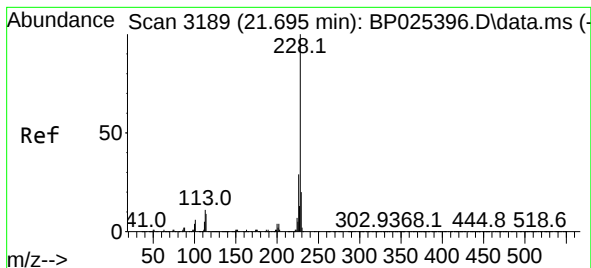
Tgt Ion:228 Resp: 534960
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 9.325 ng
RT: 21.548 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:252 Resp: 191945
Ion Ratio Lower Upper
252 100
254 62.8 51.8 77.6
126 11.2 9.1 13.7





#83

Chrysene

Concen: 10.021 ng

RT: 21.689 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

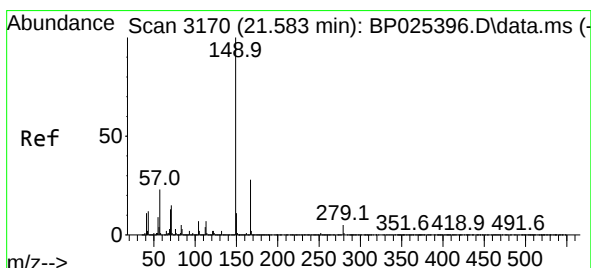
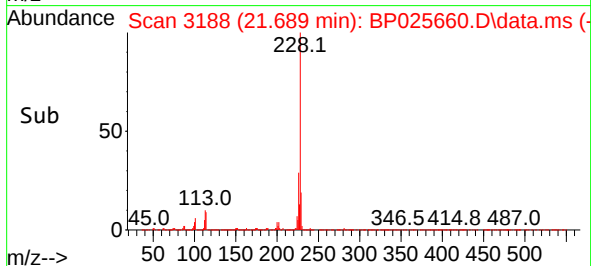
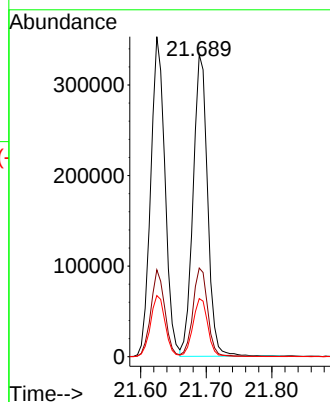
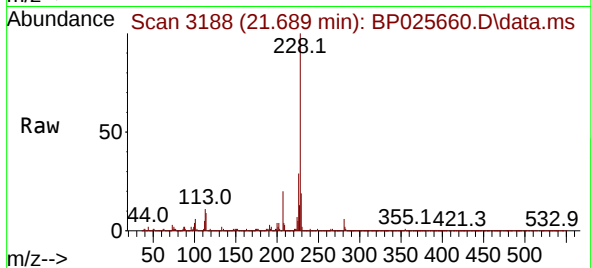
Tgt Ion:228 Resp: 512498

Ion Ratio Lower Upper

228 100

226 29.3 23.2 34.8

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.440 ng

RT: 21.560 min Scan# 3166

Delta R.T. -0.023 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

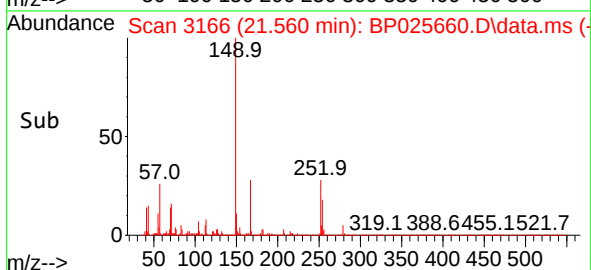
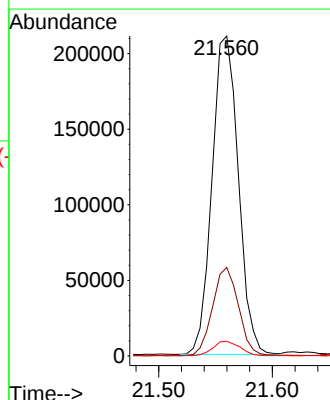
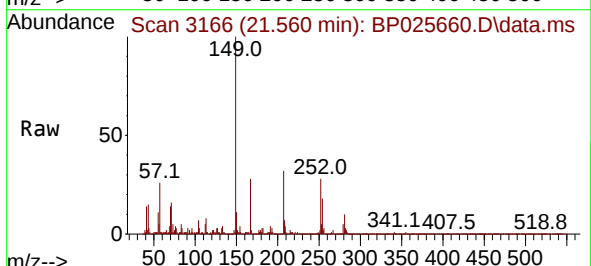
Tgt Ion:149 Resp: 338964

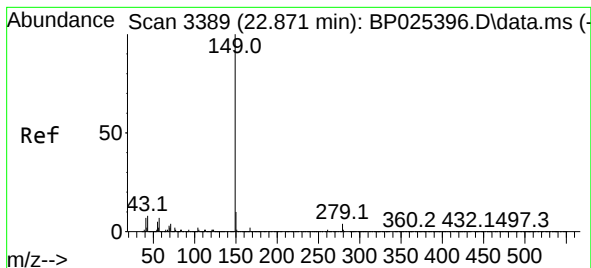
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 9.256 ng

RT: 22.842 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

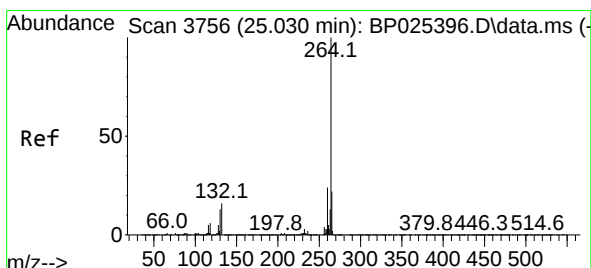
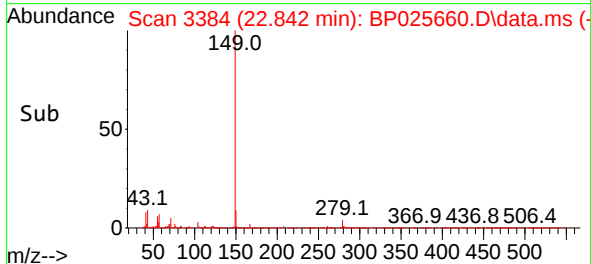
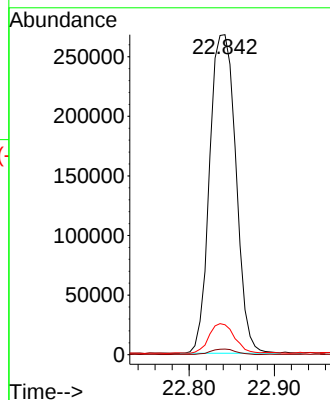
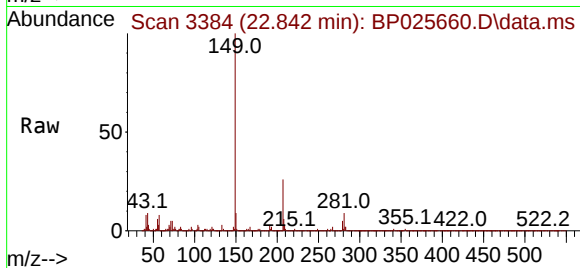
Tgt Ion:149 Resp: 571655

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3755

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

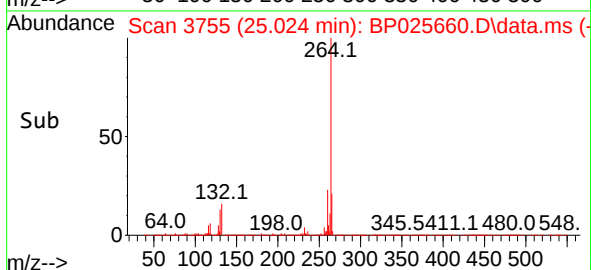
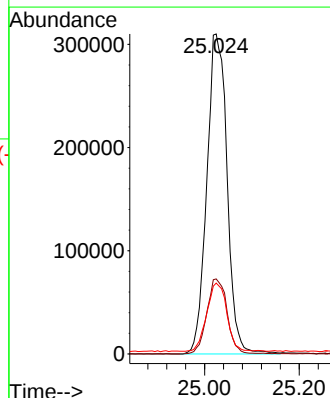
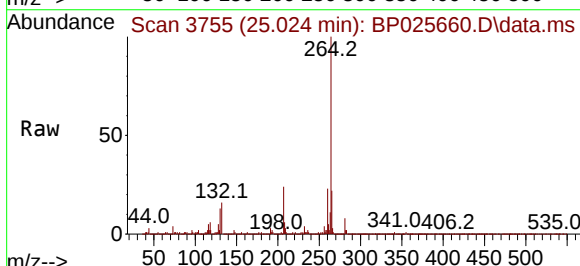
Tgt Ion:264 Resp: 922045

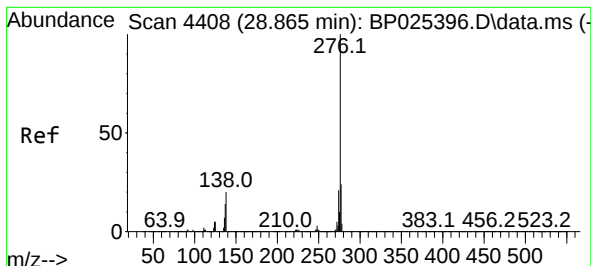
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.685 ng

RT: 28.854 min Scan# 4408

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

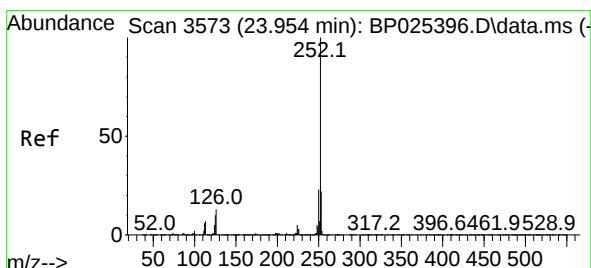
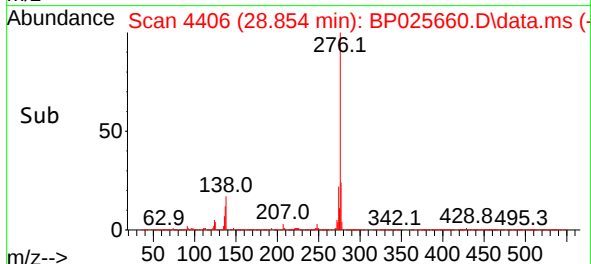
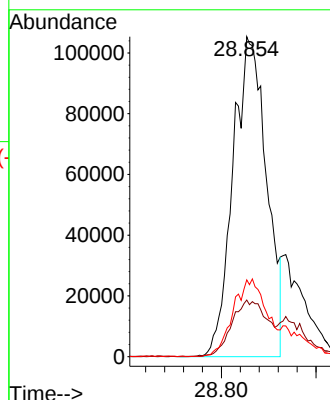
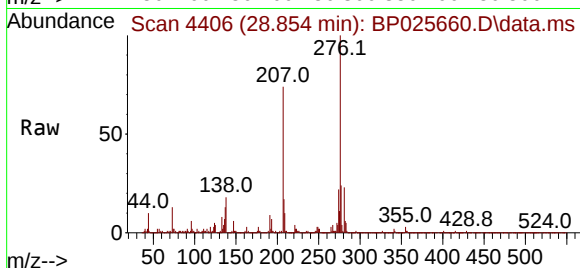
Tgt Ion:276 Resp: 519641

Ion Ratio Lower Upper

276 100

138 18.2 12.9 19.3

277 24.5 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 9.814 ng

RT: 23.948 min Scan# 3572

Delta R.T. -0.006 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

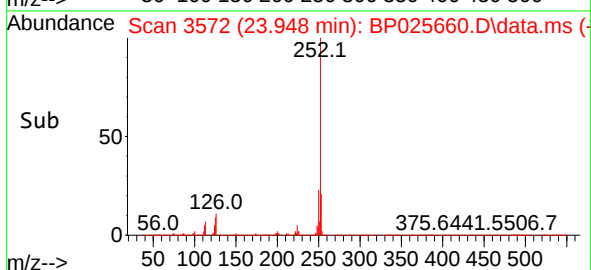
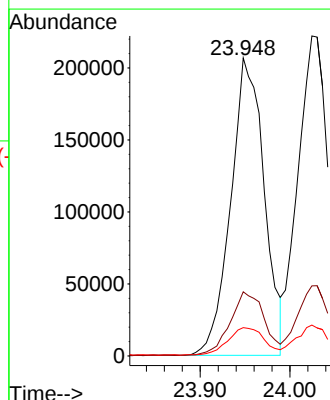
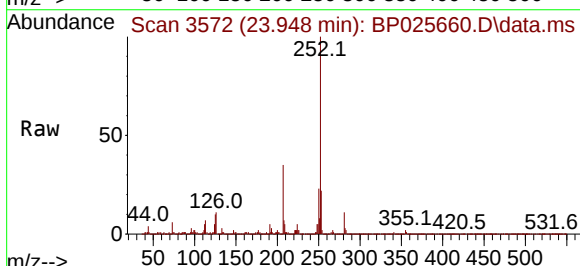
Tgt Ion:252 Resp: 533565

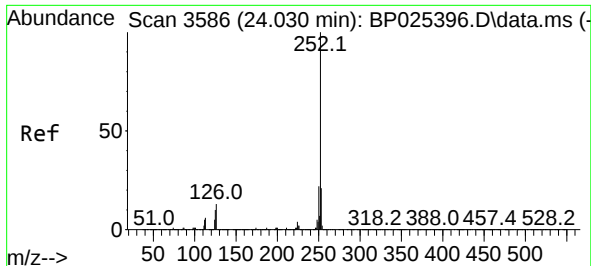
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 9.5 7.9 11.9

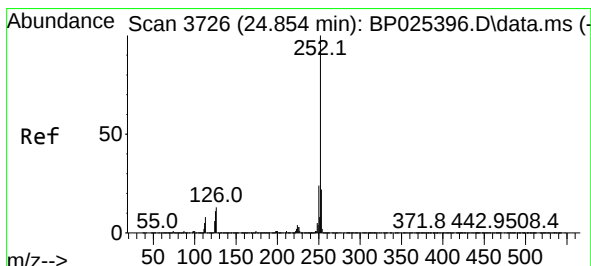
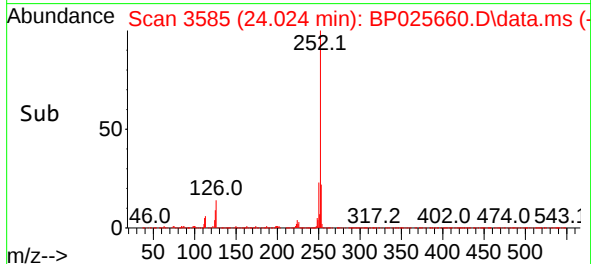
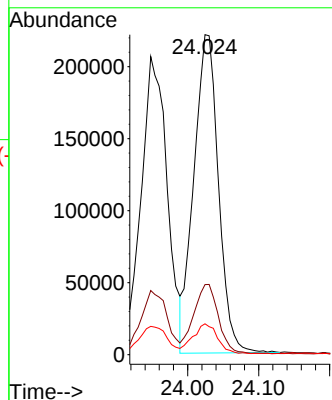
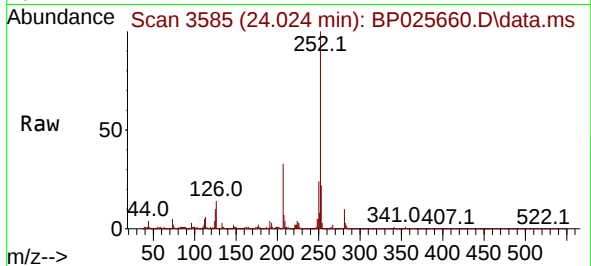




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 24.024 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

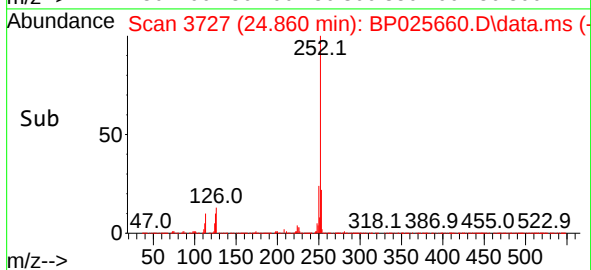
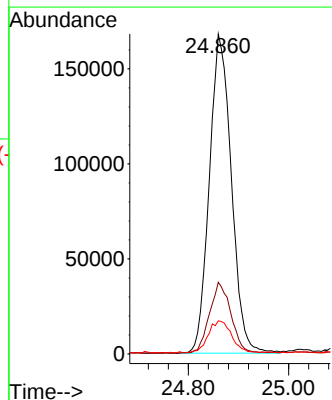
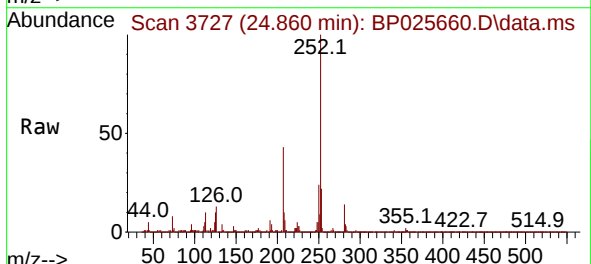
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

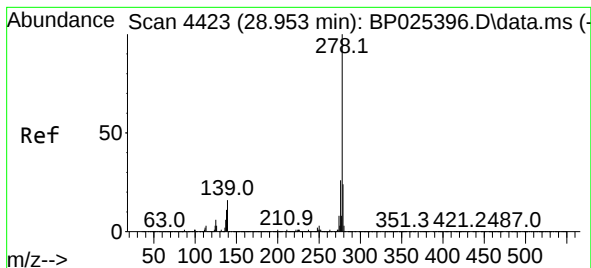
Tgt Ion:252 Resp: 533206
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.6 7.8 11.6



#90
Benzo(a)pyrene
Concen: 9.675 ng
RT: 24.860 min Scan# 3727
Delta R.T. 0.006 min
Lab File: BP025660.D
Acq: 04 Sep 2025 14:47

Tgt Ion:252 Resp: 512075
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 9.296 ng

RT: 28.942 min Scan# 4423

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

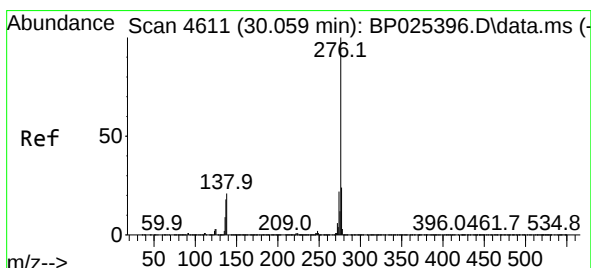
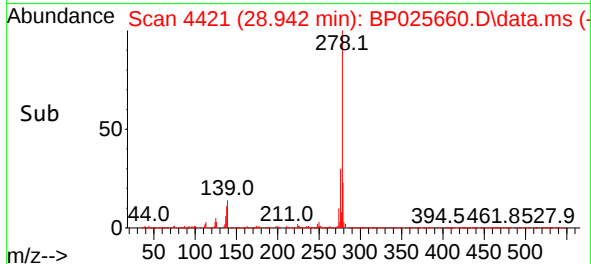
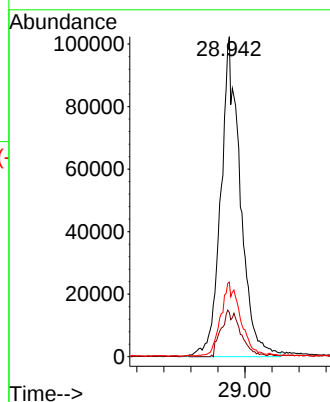
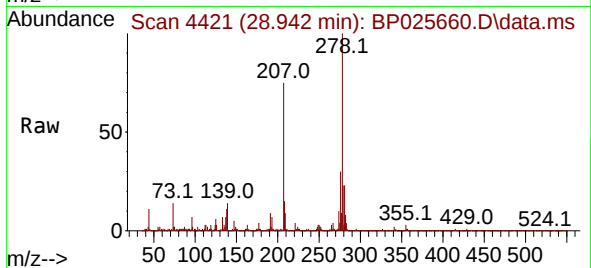
Tgt Ion:278 Resp: 513704

Ion Ratio Lower Upper

278 100

139 13.9 13.0 19.4

279 23.3 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 9.314 ng

RT: 30.048 min Scan# 4609

Delta R.T. -0.012 min

Lab File: BP025660.D

Acq: 04 Sep 2025 14:47

Tgt Ion:276 Resp: 505933

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.0

138 20.4 16.7 25.1

