

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025657.D
 Acq On : 04 Sep 2025 12:44
 Operator : CG/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 2.5PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Sep 04 13:25:52 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)

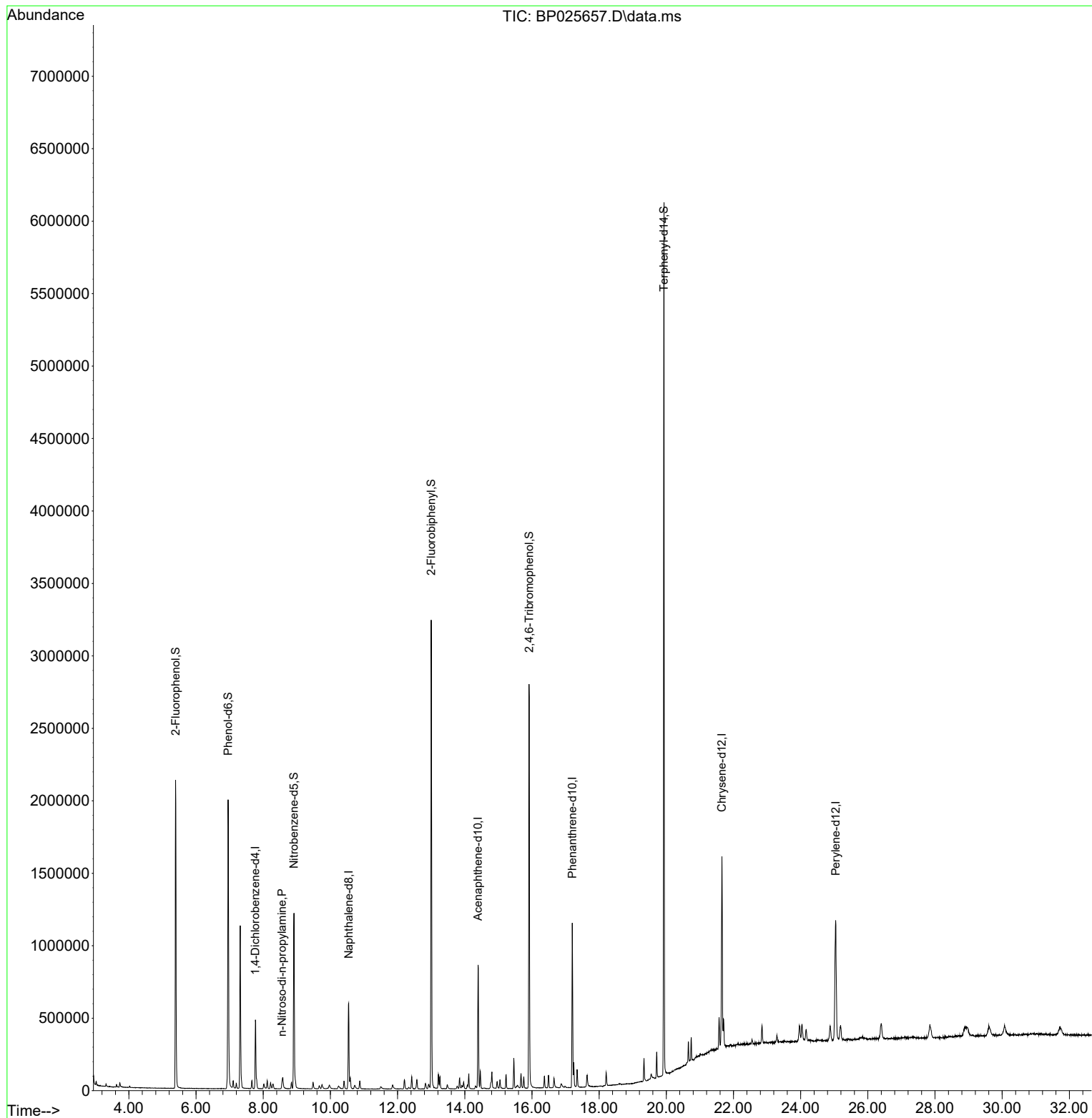
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	129518	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	513672	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	340056	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	697569	20.000	ng	0.00
76) Chrysene-d12	21.654	240	823719	20.000	ng	0.00
86) Perylene-d12	25.042	264	932054	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	962457	123.408	ng	-0.02
7) Phenol-d6	6.955	99	1195340	119.546	ng	-0.01
23) Nitrobenzene-d5	8.913	82	728511	71.742	ng	-0.02
42) 2,4,6-Tribromophenol	15.919	330	598705	130.802	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1666067	66.959	ng	-0.02
79) Terphenyl-d14	19.930	244	2906280	64.552	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.560	70	13375	2.019	ng	Qvalue 95

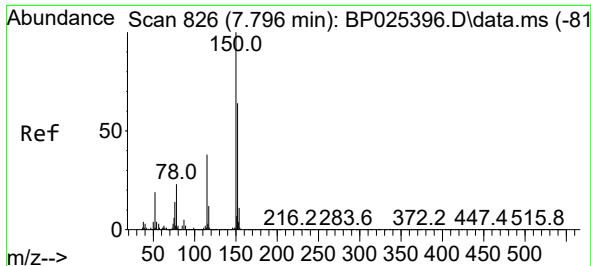
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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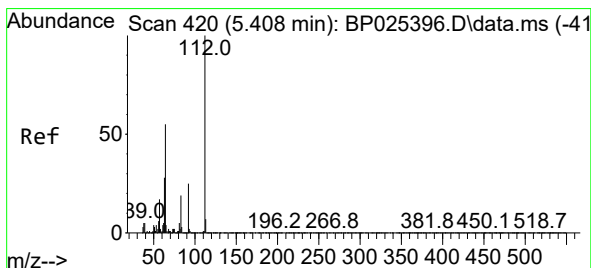
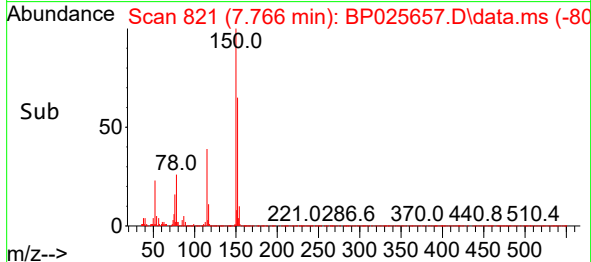
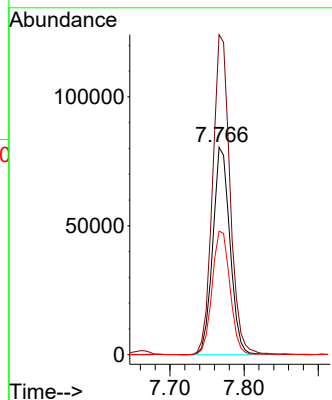
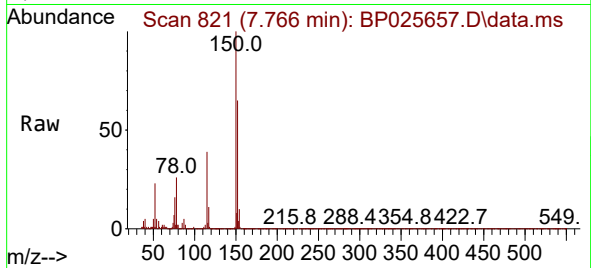




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025657.D
Acq: 04 Sep 2025 12:44

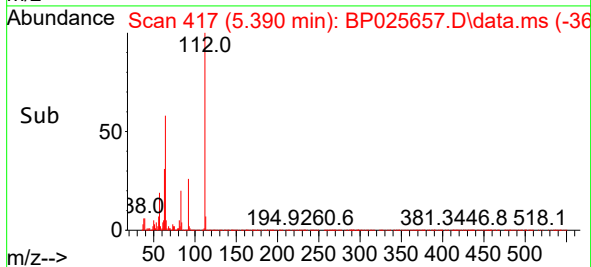
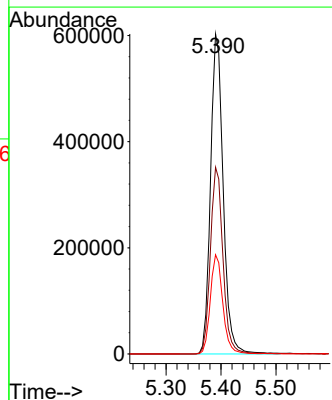
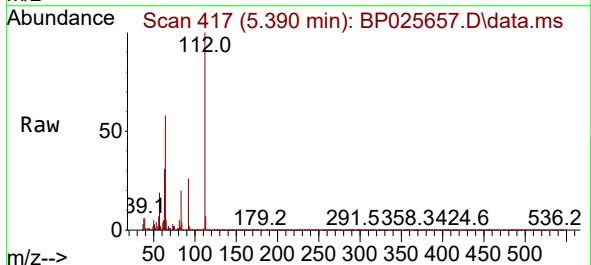
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

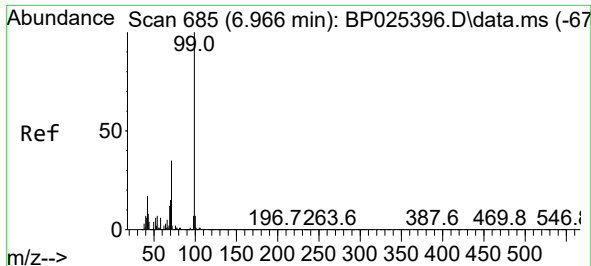
Tgt Ion:152 Resp: 129518
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 59.5 48.5 72.7



#5
2-Fluorophenol
Concen: 123.408 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025657.D
Acq: 04 Sep 2025 12:44

Tgt Ion:112 Resp: 962457
Ion Ratio Lower Upper
112 100
64 58.3 43.8 65.8
63 31.0 22.7 34.1

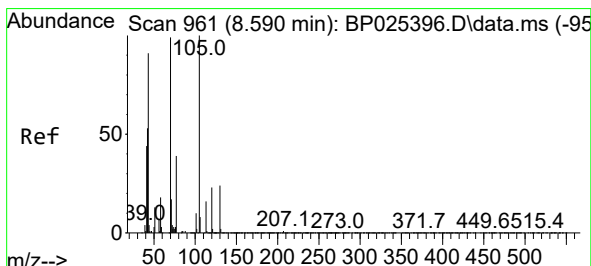
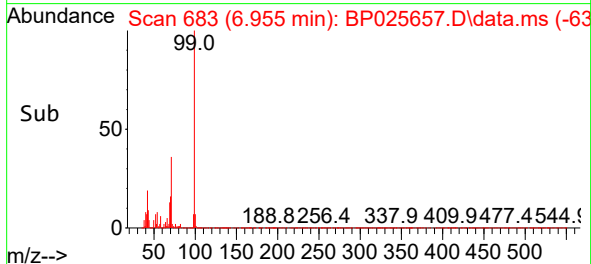
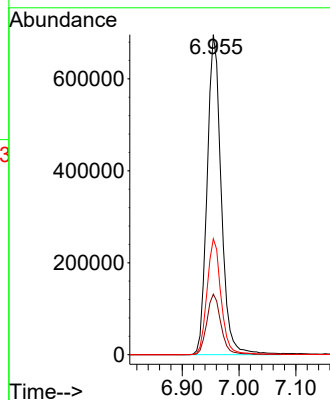
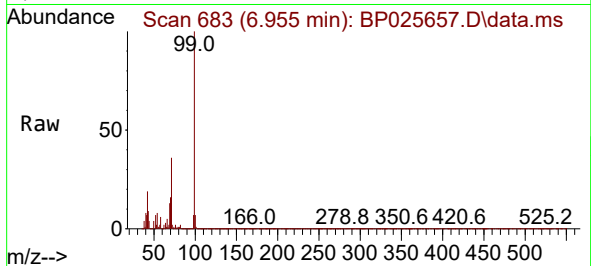




#7
Phenol-d6
Concen: 119.546 ng
RT: 6.955 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025657.D
Acq: 04 Sep 2025 12:44

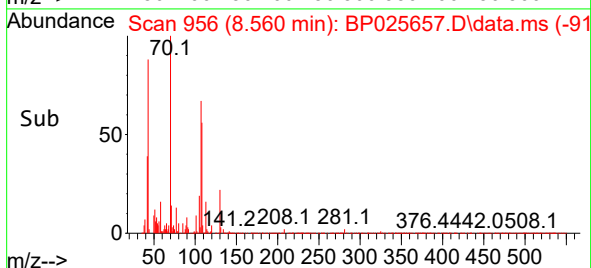
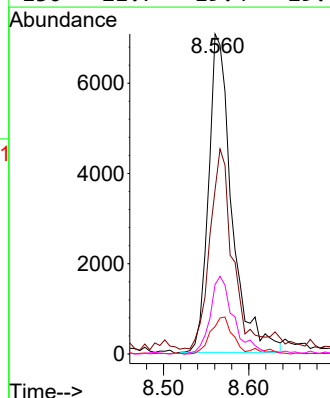
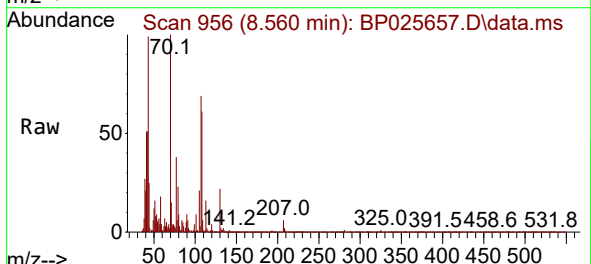
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

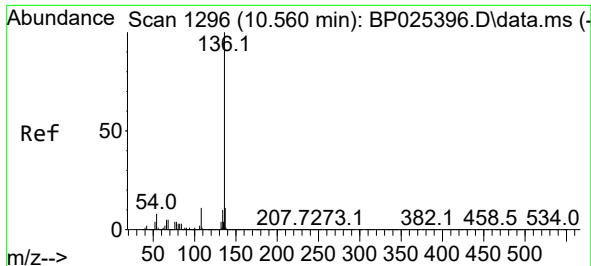
Tgt Ion: 99 Resp: 1195340
Ion Ratio Lower Upper
99 100
42 18.9 13.7 20.5
71 36.2 28.2 42.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.019 ng
RT: 8.560 min Scan# 956
Delta R.T. -0.029 min
Lab File: BP025657.D
Acq: 04 Sep 2025 12:44

Tgt Ion: 70 Resp: 13375
Ion Ratio Lower Upper
70 100
42 51.4 43.8 65.6
101 8.5 8.5 12.7
130 21.7 19.4 29.0

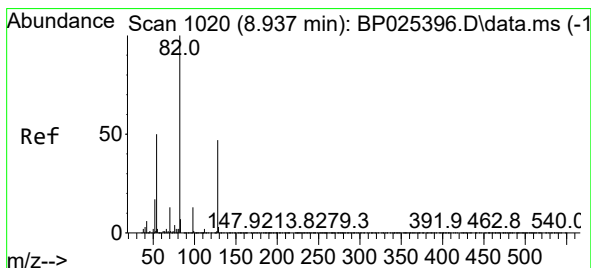
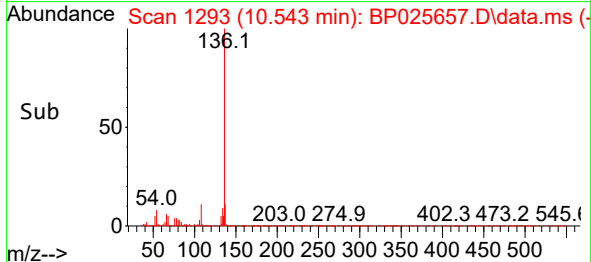
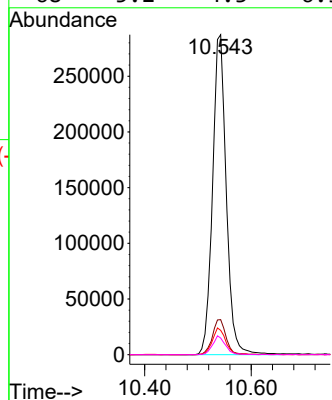
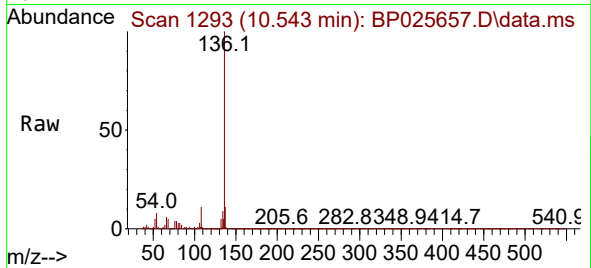




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025657.D
Acq: 04 Sep 2025 12:44

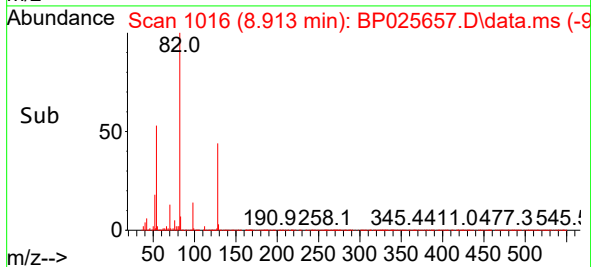
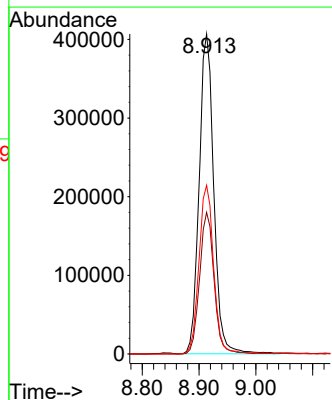
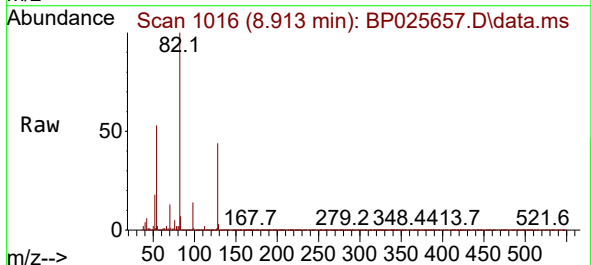
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

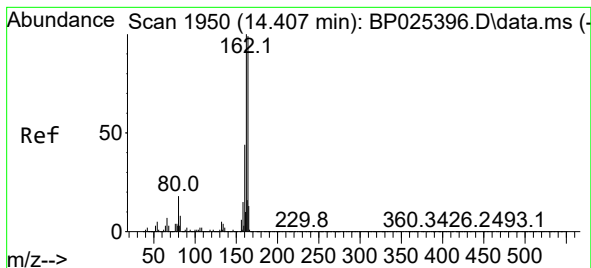
Tgt Ion:136 Resp: 513672
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 6.0 9.0
68 5.2 4.3 6.5



#23
Nitrobenzene-d5
Concen: 71.742 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025657.D
Acq: 04 Sep 2025 12:44

Tgt Ion: 82 Resp: 728511
Ion Ratio Lower Upper
82 100
128 44.3 37.7 56.5
54 52.7 39.8 59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.012 min

Lab File: BP025657.D

Acq: 04 Sep 2025 12:44

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

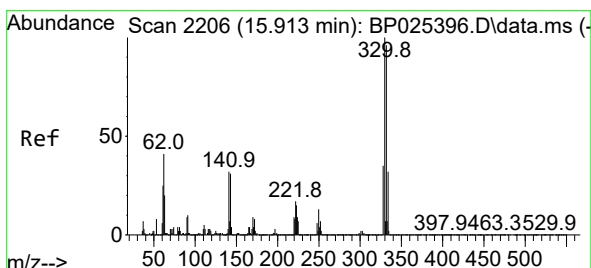
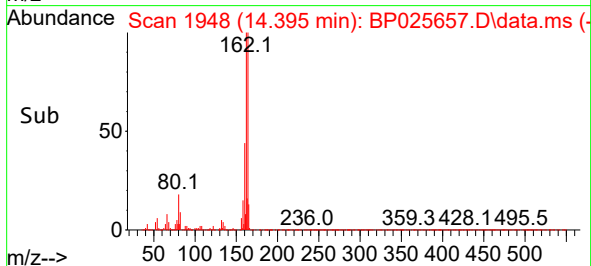
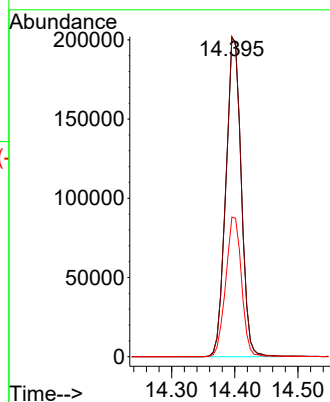
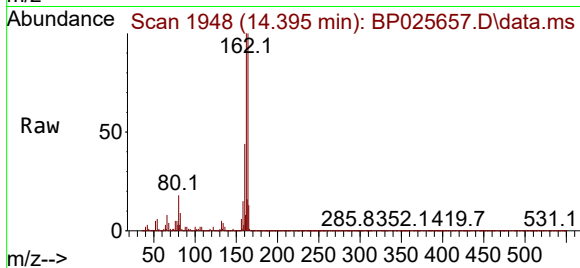
Tgt Ion:164 Resp: 340056

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

160 43.7 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 130.802 ng

RT: 15.919 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BP025657.D

Acq: 04 Sep 2025 12:44

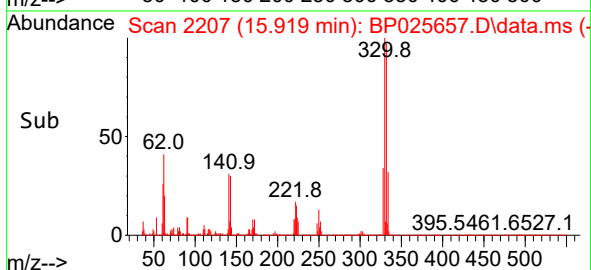
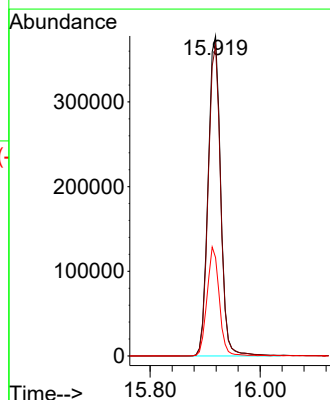
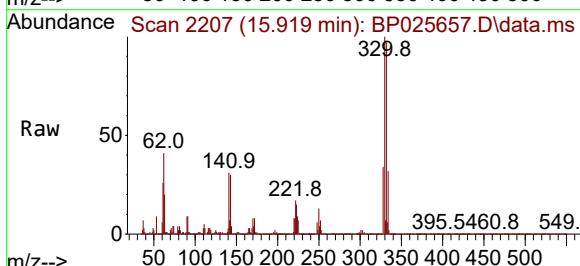
Tgt Ion:330 Resp: 598705

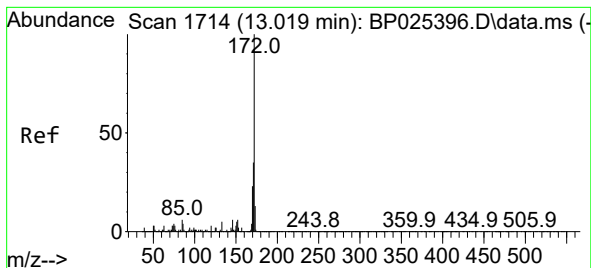
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 33.3 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 66.959 ng

RT: 13.001 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP025657.D

Acq: 04 Sep 2025 12:44

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

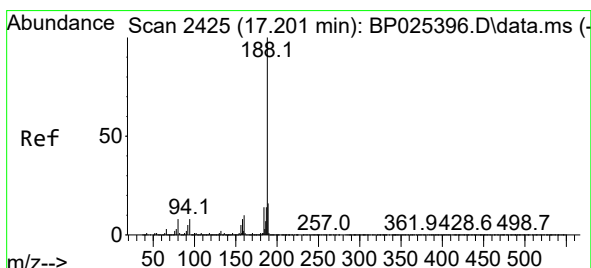
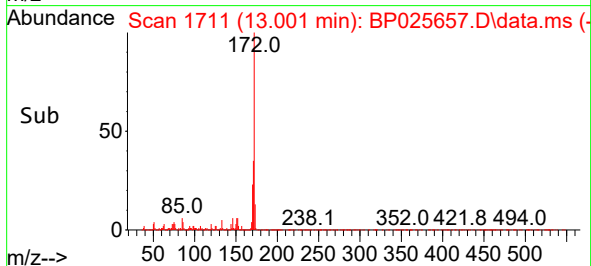
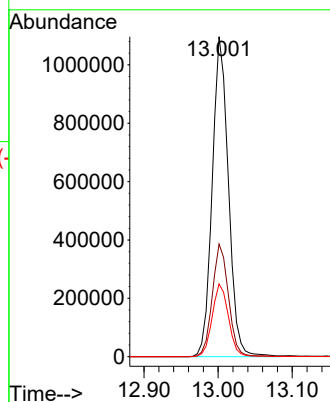
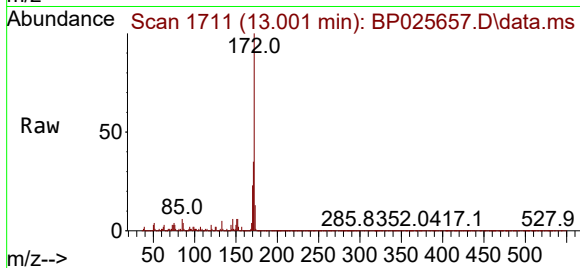
Tgt Ion:172 Resp: 1666067

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 22.8 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025657.D

Acq: 04 Sep 2025 12:44

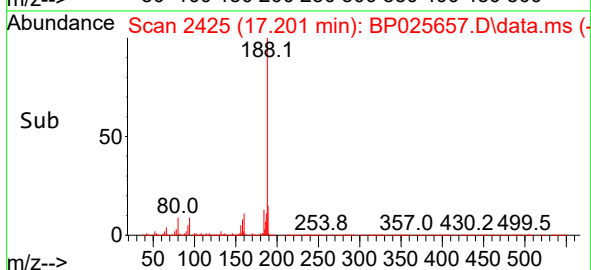
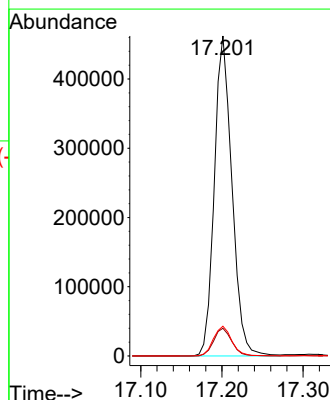
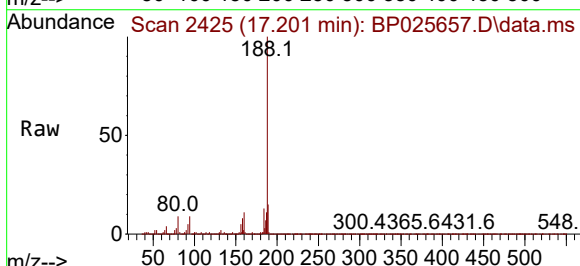
Tgt Ion:188 Resp: 697569

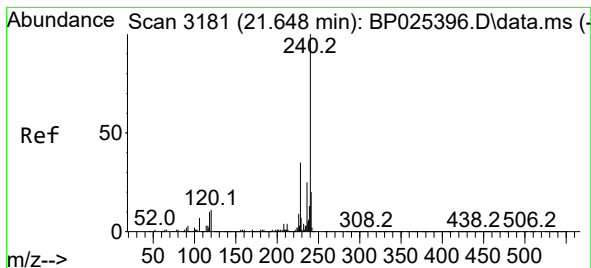
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.3 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3181

Delta R.T. 0.006 min

Lab File: BP025657.D

Acq: 04 Sep 2025 12:44

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

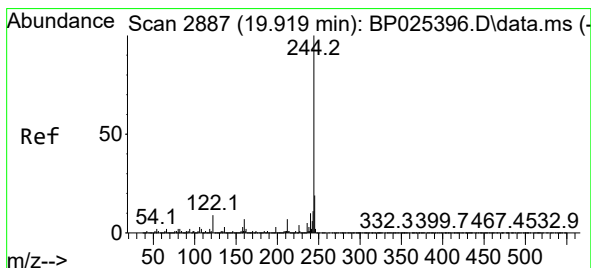
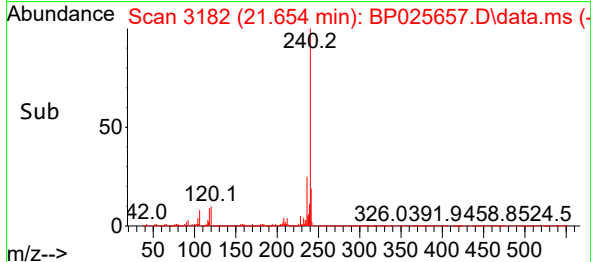
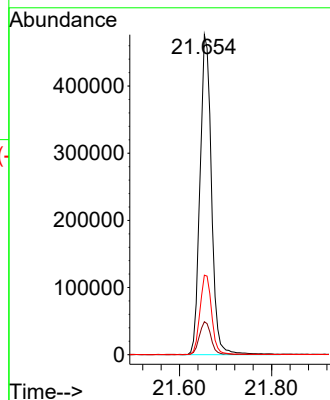
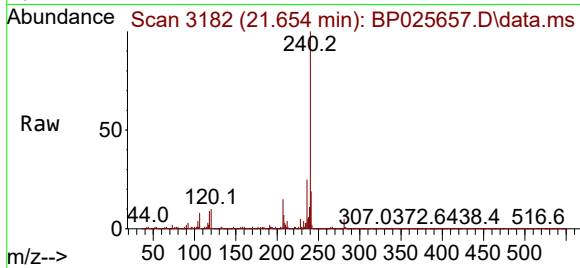
Tgt Ion:240 Resp: 823719

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 64.552 ng

RT: 19.930 min Scan# 2889

Delta R.T. 0.012 min

Lab File: BP025657.D

Acq: 04 Sep 2025 12:44

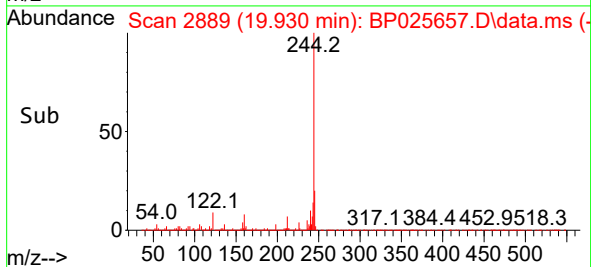
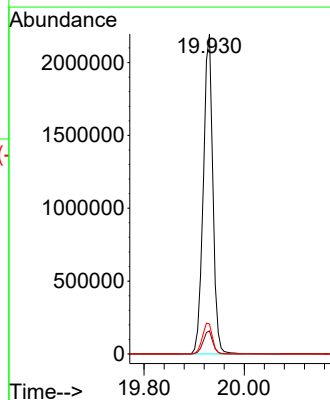
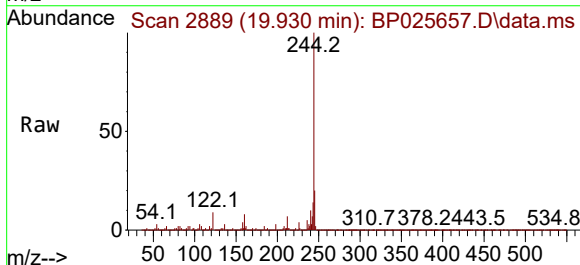
Tgt Ion:244 Resp: 2906280

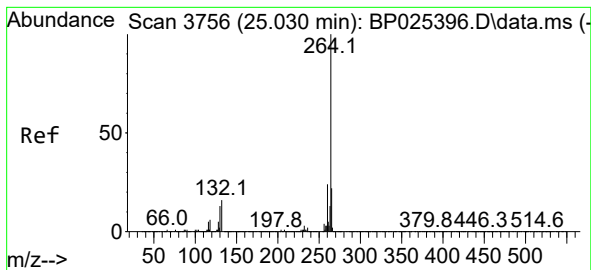
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.4 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.042 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP025657.D

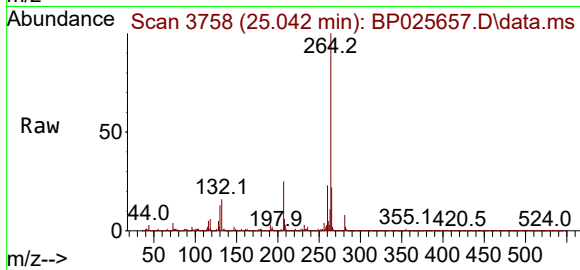
Acq: 04 Sep 2025 12:44

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Tgt Ion:264 Resp: 932054

Ion Ratio Lower Upper

264 100

260 22.5 19.3 28.9

265 21.8 17.4 26.0

