

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
 Data File : BP025289.D
 Acq On : 01 Aug 2025 11:30
 Operator : CG/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 01 11:49:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

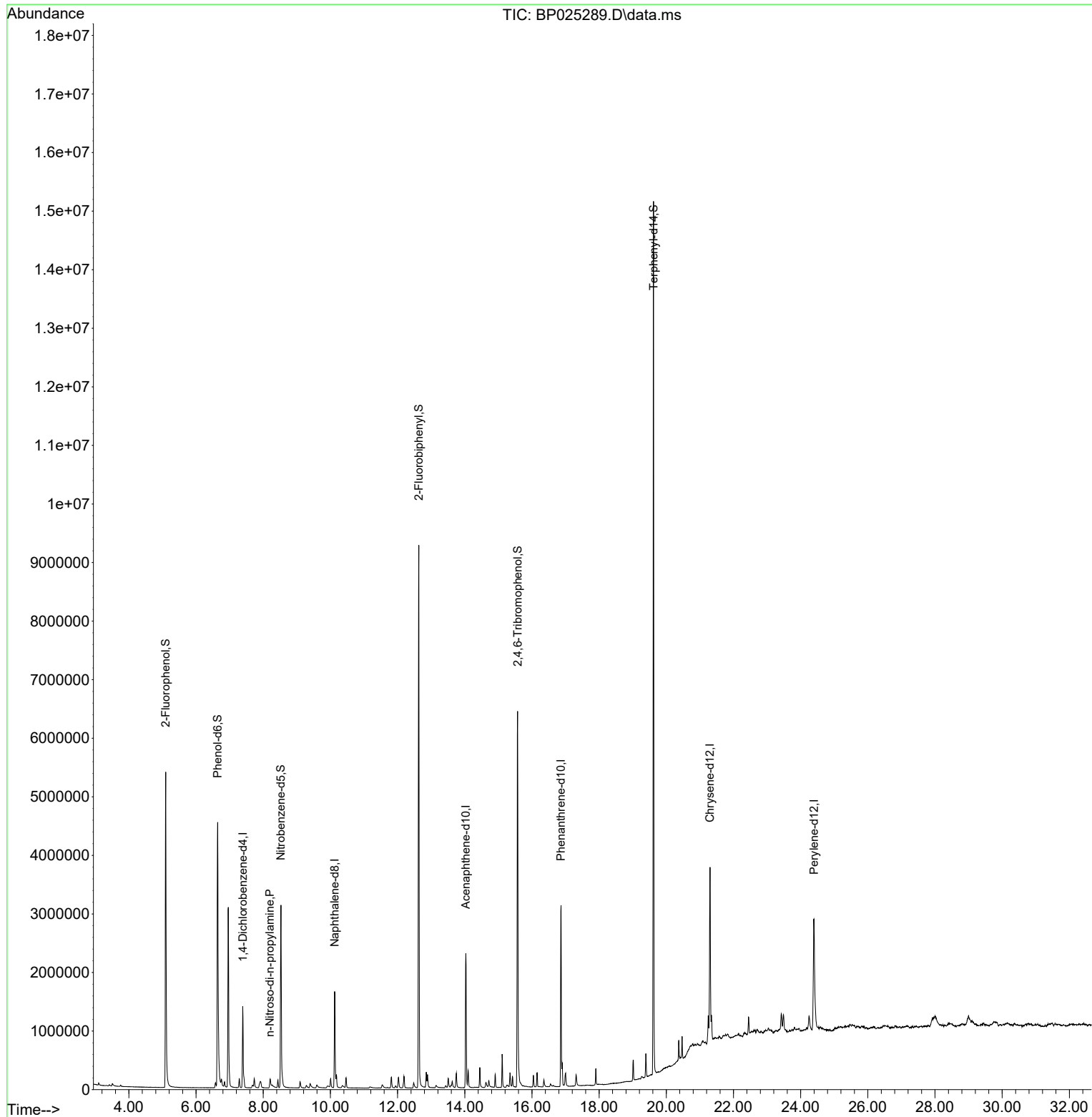
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.390	152	392131	20.000	ng	-0.01
21) Naphthalene-d8	10.125	136	1503844	20.000	ng	-0.02
39) Acenaphthene-d10	14.031	164	926507	20.000	ng	-0.02
64) Phenanthrene-d10	16.866	188	1761280	20.000	ng	-0.01
76) Chrysene-d12	21.301	240	1829267	20.000	ng	0.00
86) Perylene-d12	24.395	264	2151240	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2850863	122.840	ng	-0.01
7) Phenol-d6	6.643	99	3443016	119.782	ng	0.00
23) Nitrobenzene-d5	8.525	82	1948583	72.008	ng	-0.01
42) 2,4,6-Tribromophenol	15.572	330	1562508	114.396	ng	0.00
45) 2-Fluorobiphenyl	12.631	172	4870149	74.106	ng	-0.02
79) Terphenyl-d14	19.619	244	7061791	76.206	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.196	70	36422m	2.106	ng	Qvalue

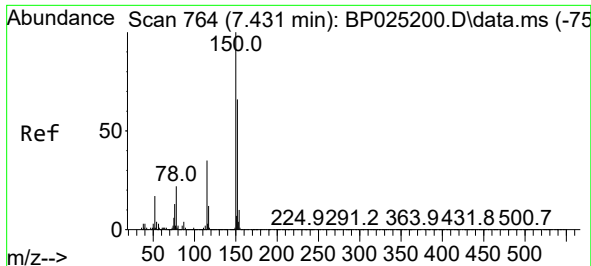
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
Data File : BP025289.D
Acq On : 01 Aug 2025 11:30
Operator : CG/JU
Sample : Q2126-02
Misc : LOQ-SOIL-2.5 PPM
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Aug 01 11:49:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

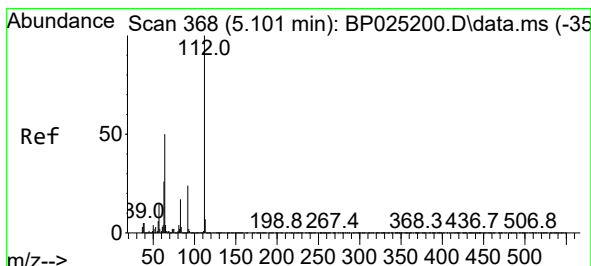
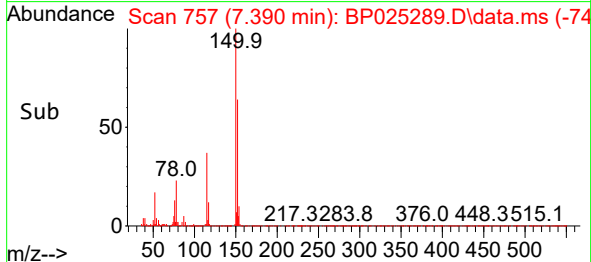
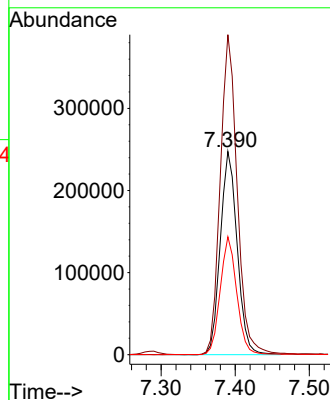
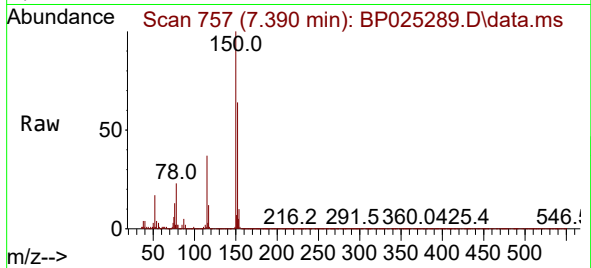




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.390 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP025289.D
Acq: 01 Aug 2025 11:30

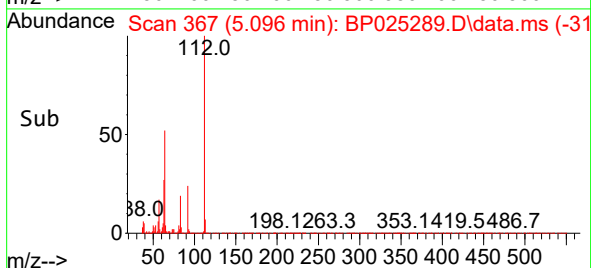
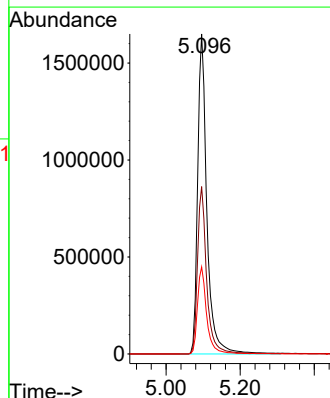
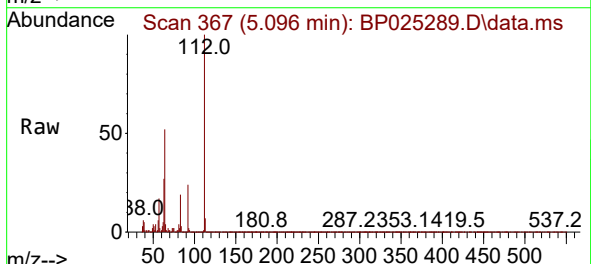
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025

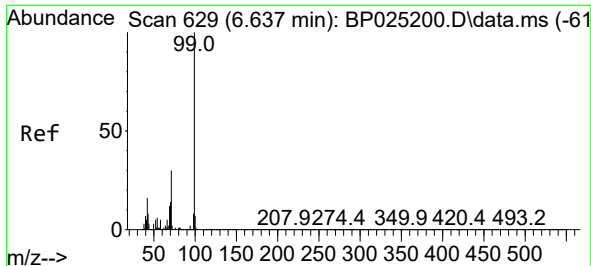
Tgt Ion:152 Resp: 392131
Ion Ratio Lower Upper
152 100
150 157.4 121.9 182.9
115 58.0 43.0 64.6



#5
2-Fluorophenol
Concen: 122.840 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.012 min
Lab File: BP025289.D
Acq: 01 Aug 2025 11:30

Tgt Ion:112 Resp: 2850863
Ion Ratio Lower Upper
112 100
64 52.3 39.8 59.6
63 27.2 20.5 30.7

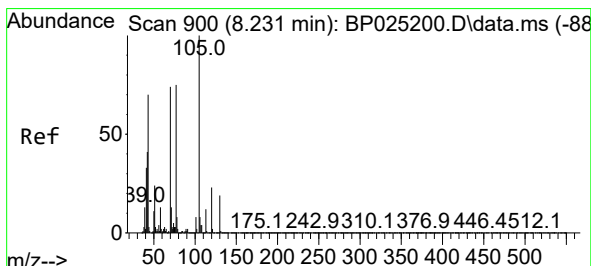
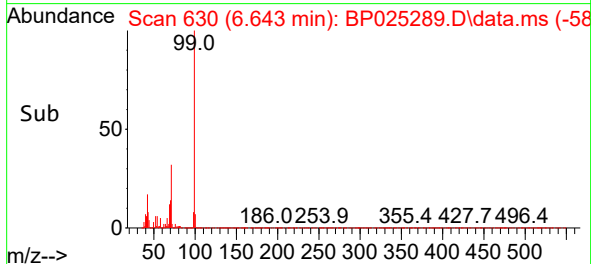
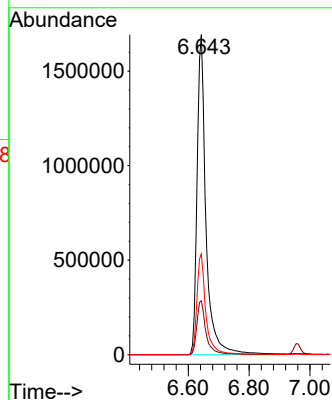
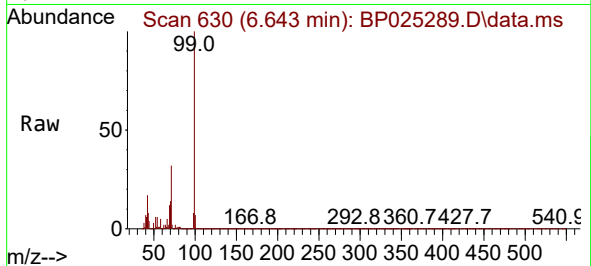




#7
Phenol-d6
Concen: 119.782 ng
RT: 6.643 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025289.D
Acq: 01 Aug 2025 11:30

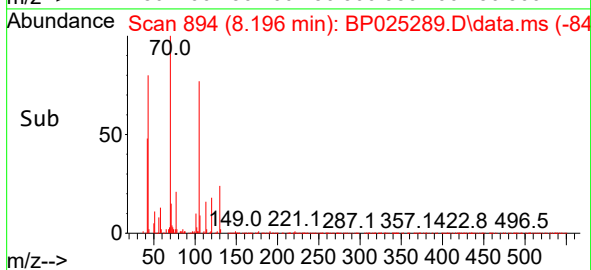
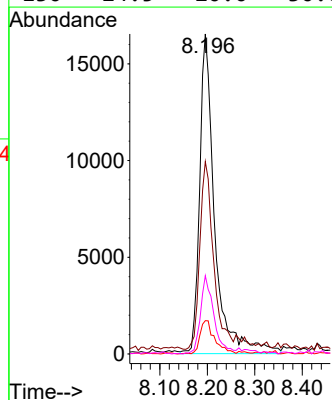
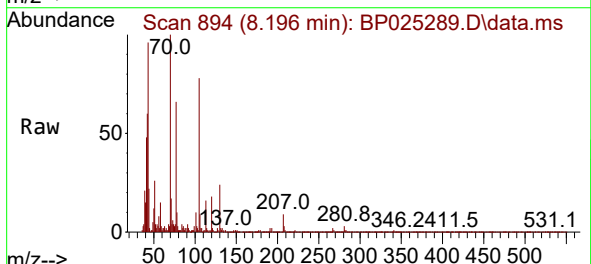
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025

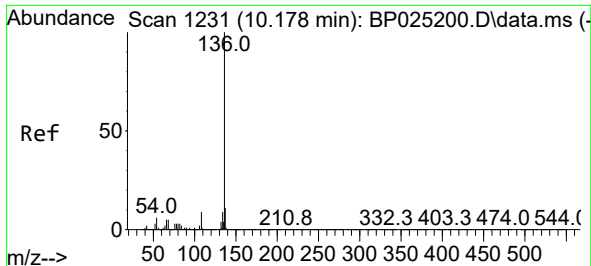
Tgt Ion: 99 Resp: 3443016
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 31.5 24.2 36.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.106 ng m
RT: 8.196 min Scan# 894
Delta R.T. -0.017 min
Lab File: BP025289.D
Acq: 01 Aug 2025 11:30

Tgt Ion: 70 Resp: 36422
Ion Ratio Lower Upper
70 100
42 60.1 44.2 66.2
101 10.4 8.6 12.8
130 24.5 20.0 30.0



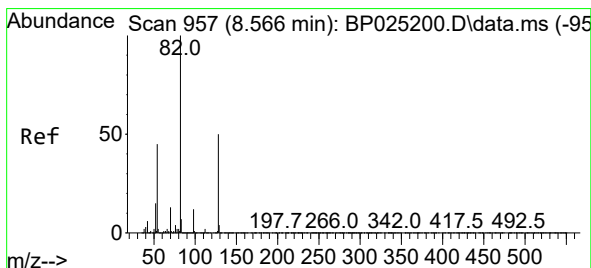
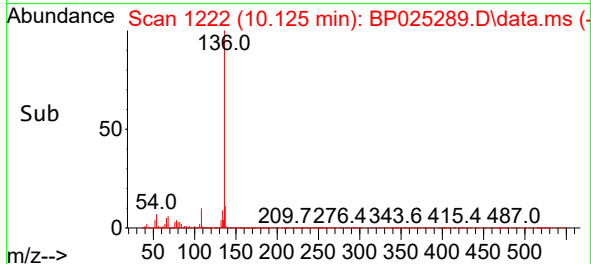
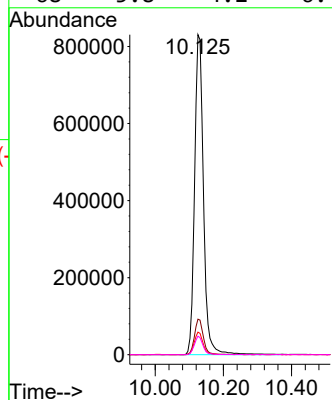
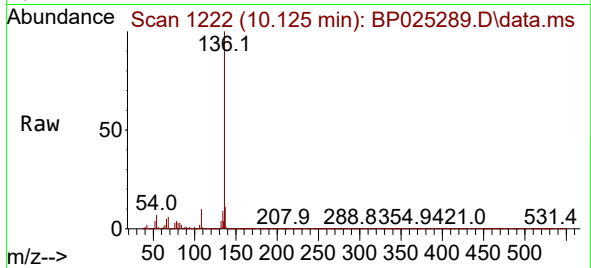


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.125 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP025289.D
Acq: 01 Aug 2025 11:30

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

Tgt Ion:136 Resp: 1503844

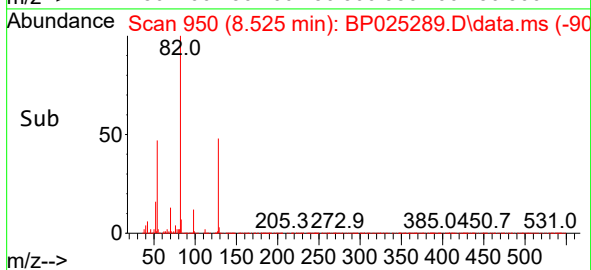
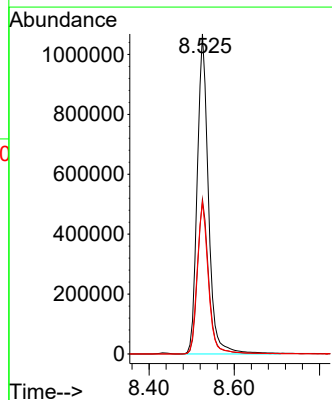
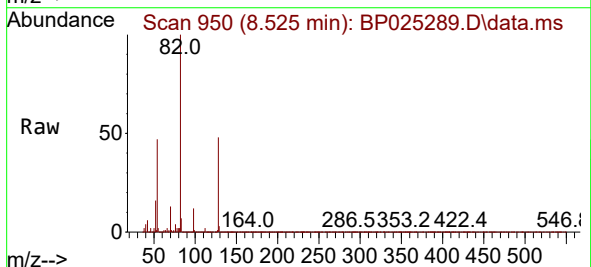
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.1	7.7
68	5.8	4.2	6.4

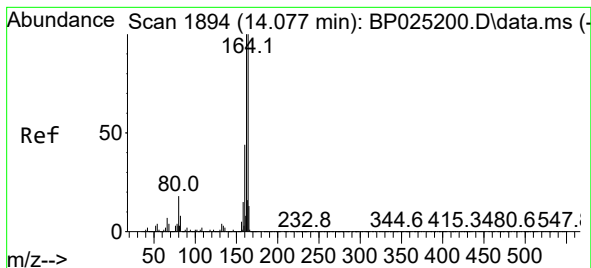


#23
Nitrobenzene-d5
Concen: 72.008 ng
RT: 8.525 min Scan# 950
Delta R.T. -0.012 min
Lab File: BP025289.D
Acq: 01 Aug 2025 11:30

Tgt Ion: 82 Resp: 1948583

Ion	Ratio	Lower	Upper
82	100		
128	48.4	40.2	60.4
54	47.3	36.3	54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.031 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP025289.D

Acq: 01 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

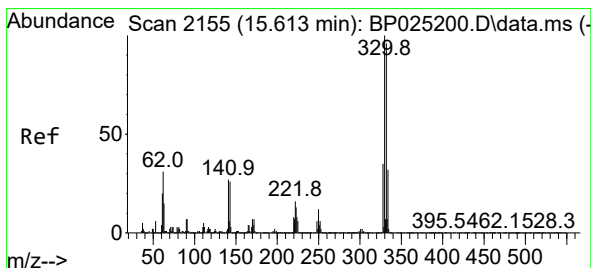
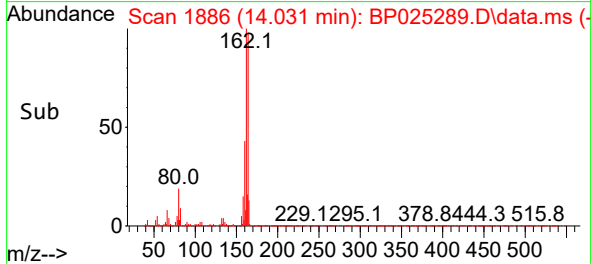
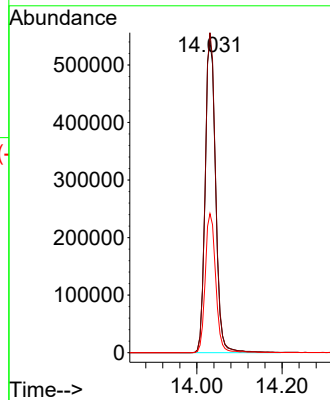
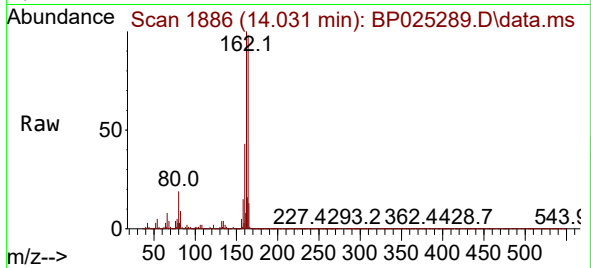
Tgt Ion:164 Resp: 926507

Ion Ratio Lower Upper

164 100

162 102.6 80.3 120.5

160 44.6 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 114.396 ng

RT: 15.572 min Scan# 2148

Delta R.T. -0.006 min

Lab File: BP025289.D

Acq: 01 Aug 2025 11:30

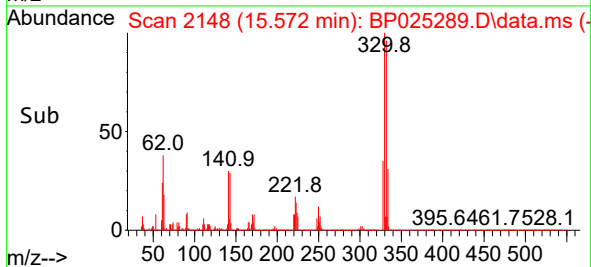
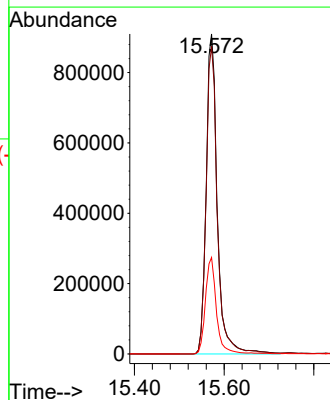
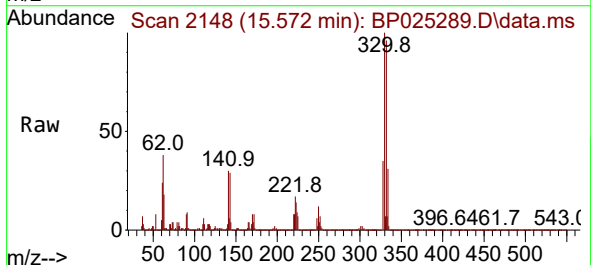
Tgt Ion:330 Resp: 1562508

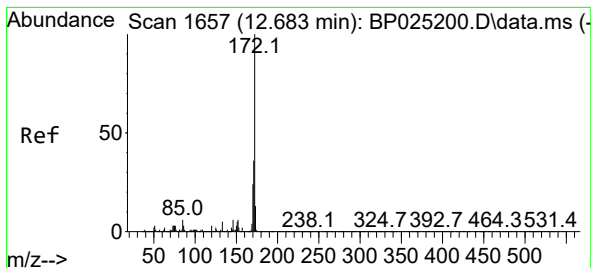
Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 29.6 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 74.106 ng

RT: 12.631 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP025289.D

Acq: 01 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

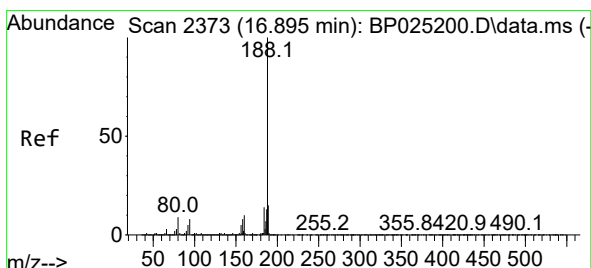
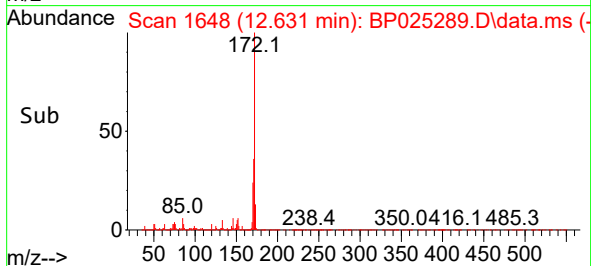
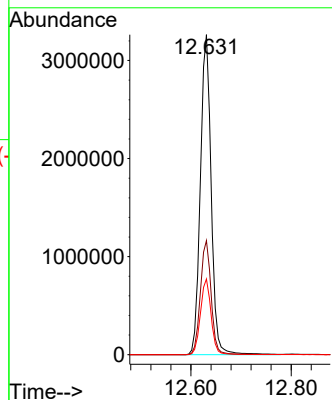
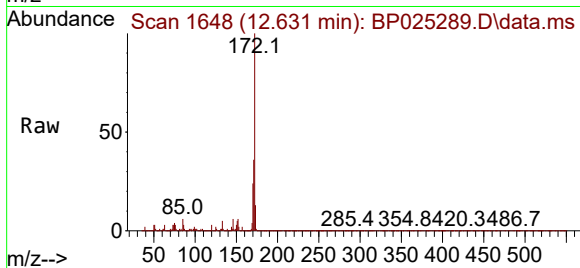
Tgt Ion:172 Resp: 4870149

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.2 28.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 2368

Delta R.T. -0.012 min

Lab File: BP025289.D

Acq: 01 Aug 2025 11:30

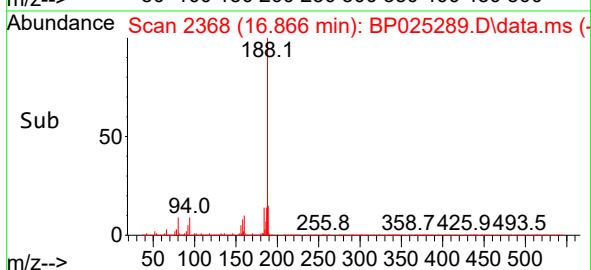
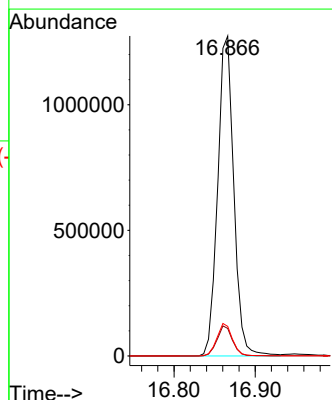
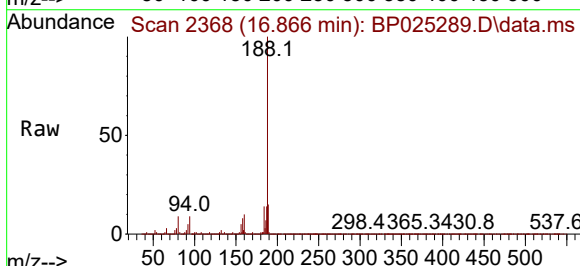
Tgt Ion:188 Resp: 1761280

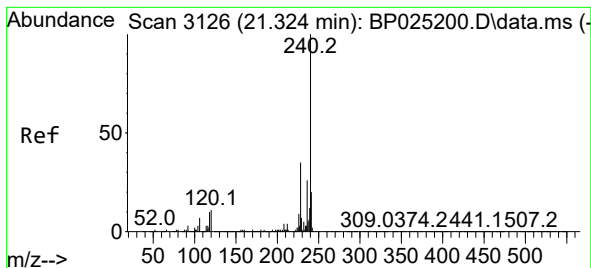
Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.301 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025289.D

Acq: 01 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

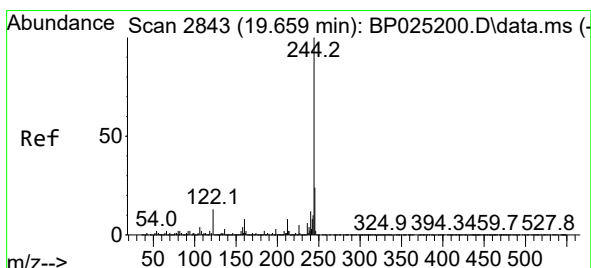
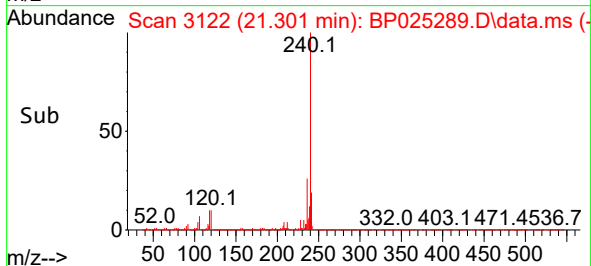
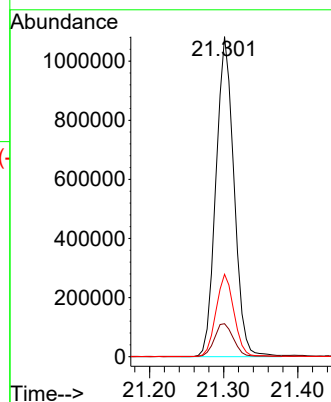
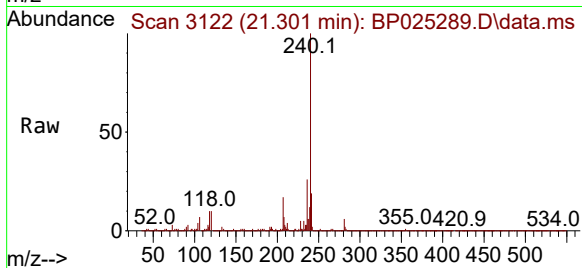
Tgt Ion:240 Resp: 1829267

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 76.206 ng

RT: 19.619 min Scan# 2836

Delta R.T. -0.012 min

Lab File: BP025289.D

Acq: 01 Aug 2025 11:30

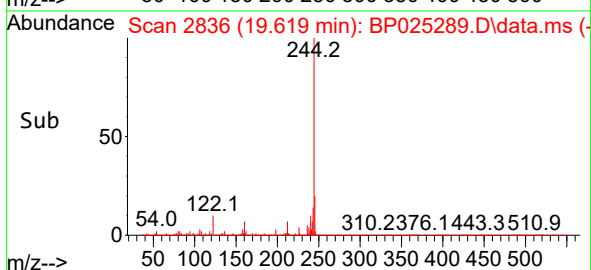
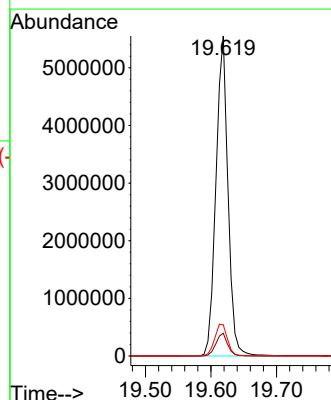
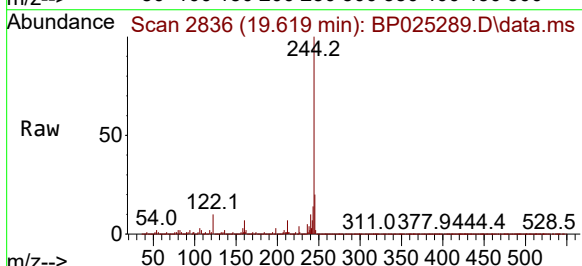
Tgt Ion:244 Resp: 7061791

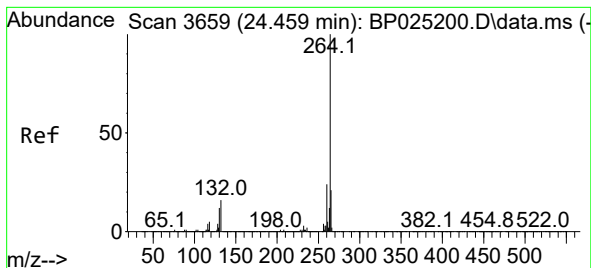
Ion Ratio Lower Upper

244 100

212 7.1 6.6 9.8

122 9.8 10.3 15.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.395 min Scan# 30

Delta R.T. -0.017 min

Lab File: BP025289.D

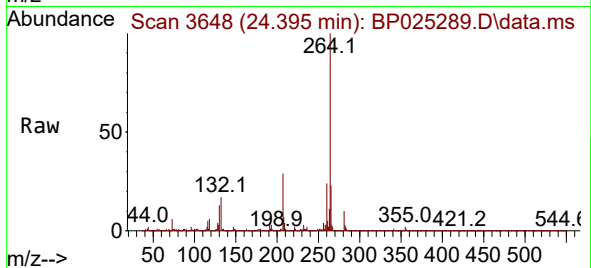
Acq: 01 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025



Tgt Ion:264 Resp: 2151240

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.7 17.5 26.3

