

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025582.D
 Acq On : 26 Aug 2025 12:29
 Operator : CG/JU
 Sample : Q2941-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-COMP(1-2)

Quant Time: Aug 26 12:51:48 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	7.772	152	199370	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	731884	20.000	ng	#-0.02
39) Acenaphthene-d10	14.395	164	459363	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	903591	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	1021743	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1202914	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1385838	115.437	ng	0.00
7) Phenol-d6	6.972	99	1562275	101.501	ng	0.00
23) Nitrobenzene-d5	8.913	82	1210303	83.652	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	827559	133.843	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2555175	76.021	ng	-0.02
79) Terphenyl-d14	19.924	244	4225469	75.663	ng	0.00

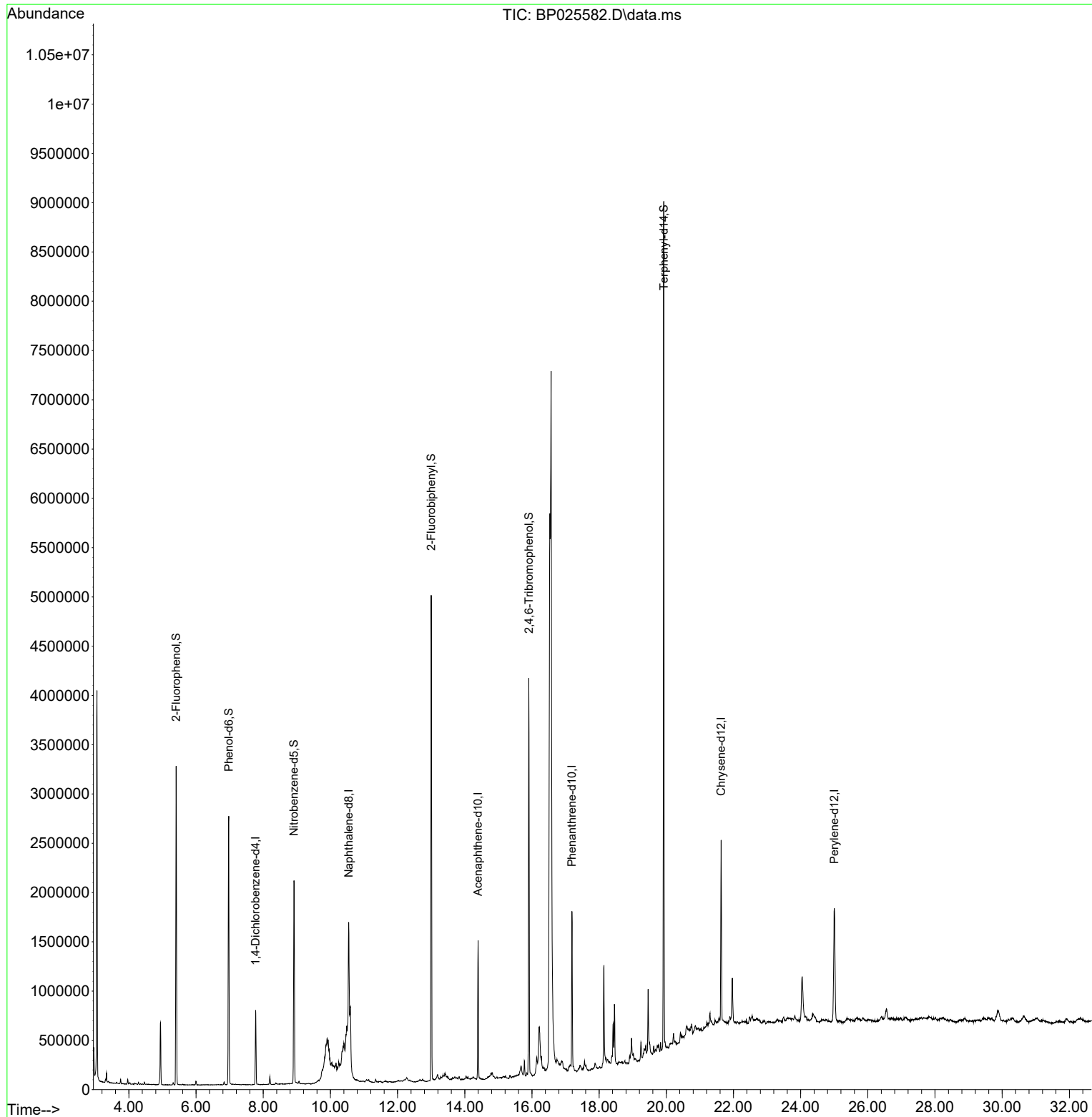
Target Compounds	Qvalue

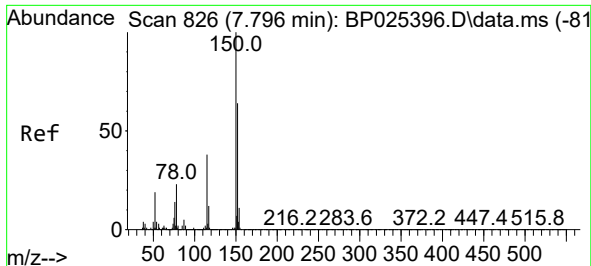
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025582.D
Acq On : 26 Aug 2025 12:29
Operator : CG/JU
Sample : Q2941-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-COMP(1-2)

Quant Time: Aug 26 12:51:48 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

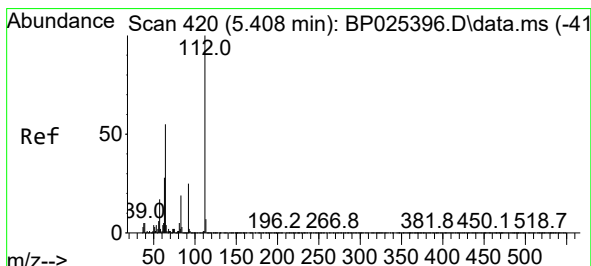
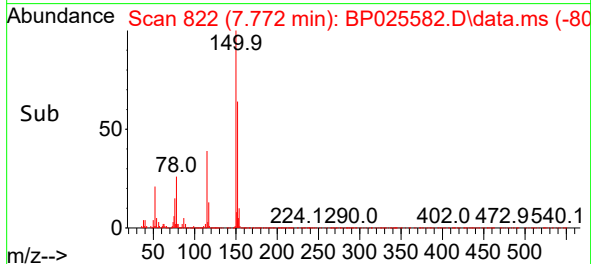
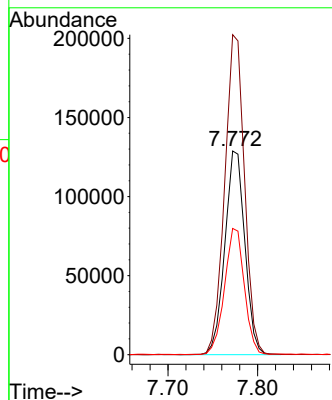
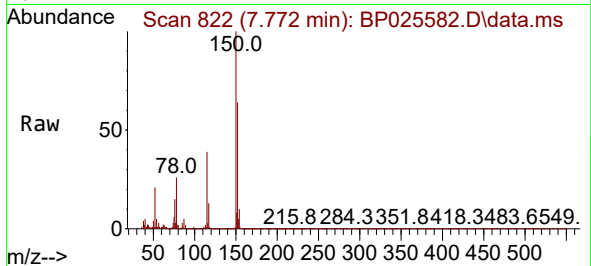




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

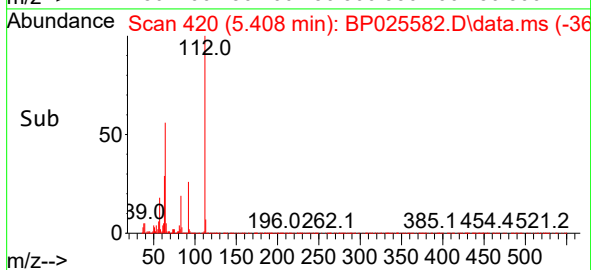
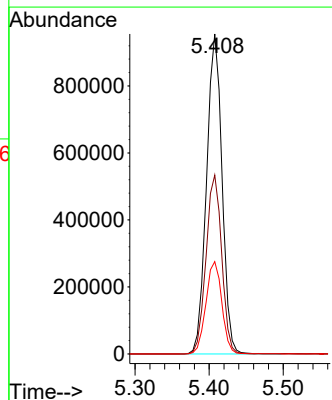
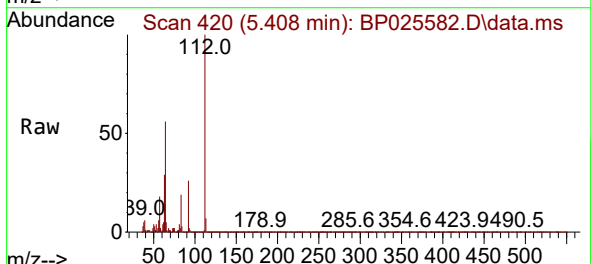
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP(1-2)

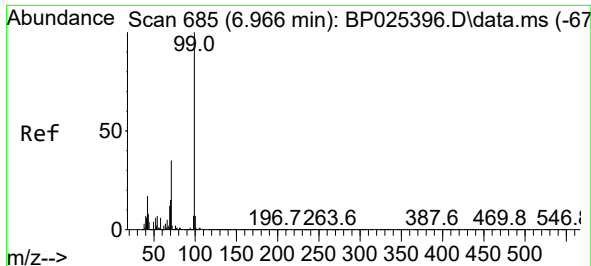
Tgt Ion:152 Resp: 199370
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 62.0 48.5 72.7



#5
2-Fluorophenol
Concen: 115.437 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

Tgt Ion:112 Resp: 1385838
Ion Ratio Lower Upper
112 100
64 55.9 43.8 65.8
63 28.9 22.7 34.1

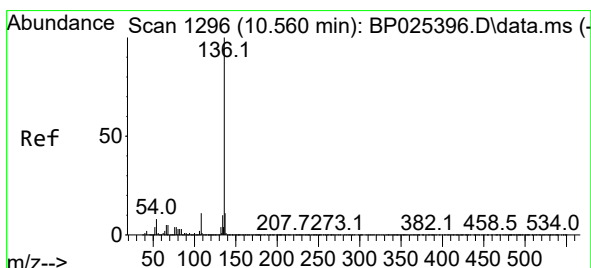
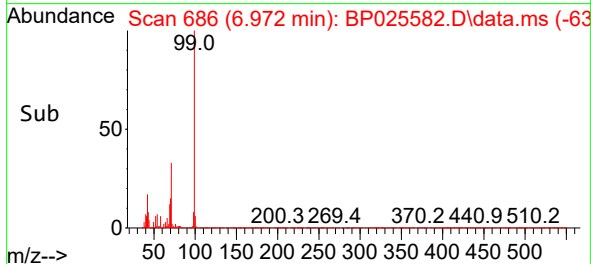
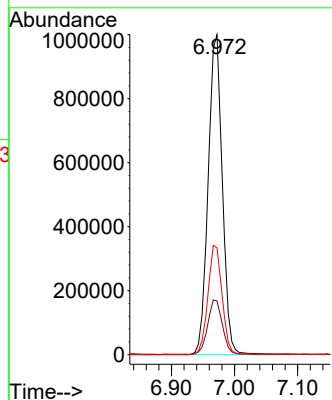
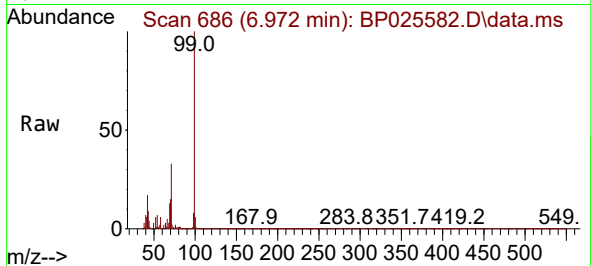




#7
Phenol-d6
Concen: 101.501 ng
RT: 6.972 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

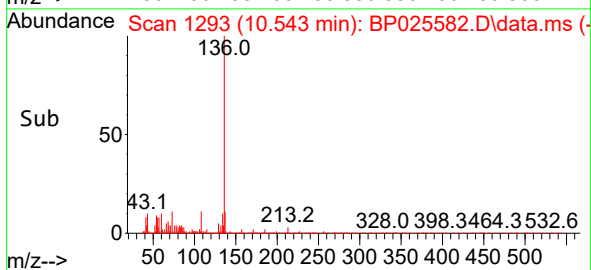
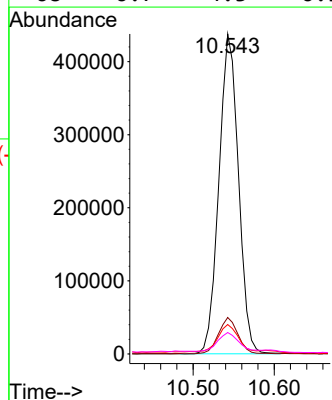
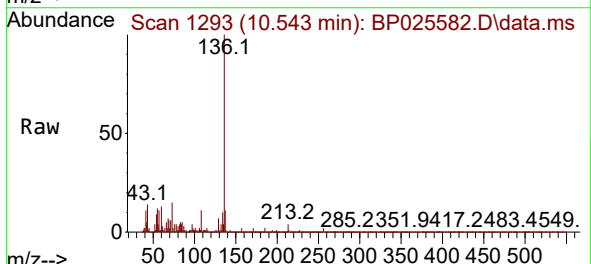
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP(1-2)

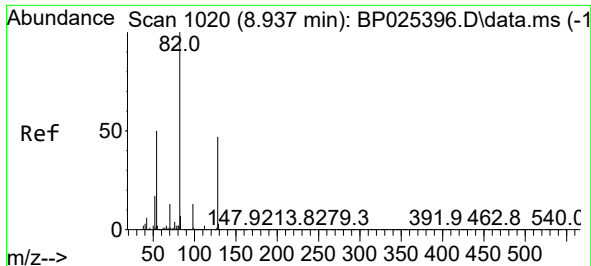
Tgt Ion: 99 Resp: 1562275
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 33.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

Tgt Ion: 136 Resp: 731884
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.2 6.0 9.0#
68 6.7 4.3 6.5#

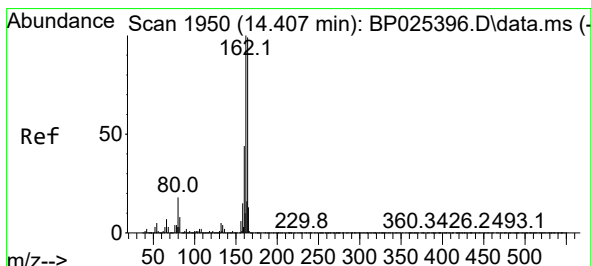
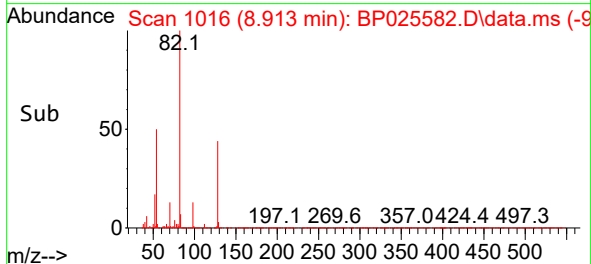
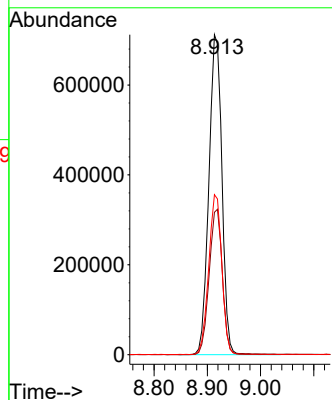
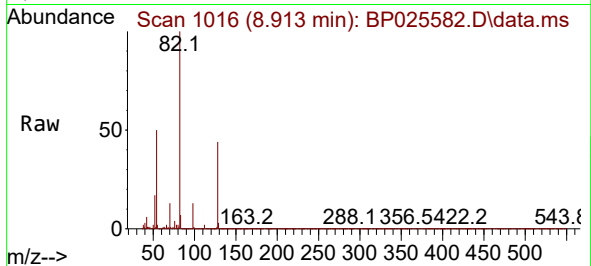




#23
Nitrobenzene-d5
Concen: 83.652 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

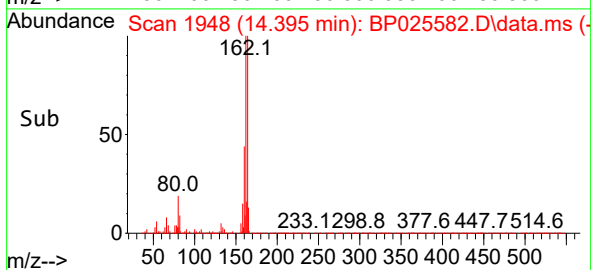
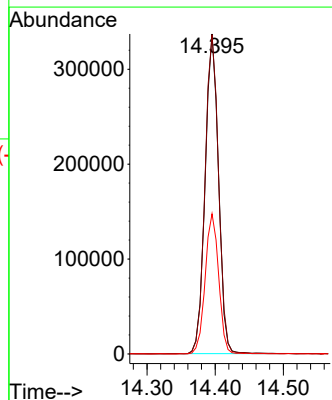
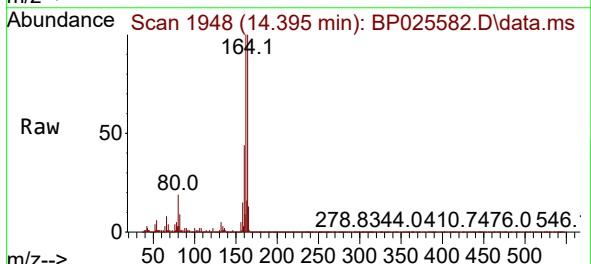
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP(1-2)

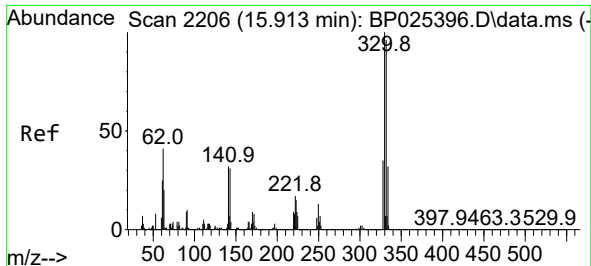
Tgt Ion: 82 Resp: 1210303
Ion Ratio Lower Upper
82 100
128 44.5 37.7 56.5
54 50.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

Tgt Ion:164 Resp: 459363
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 43.8 35.4 53.2

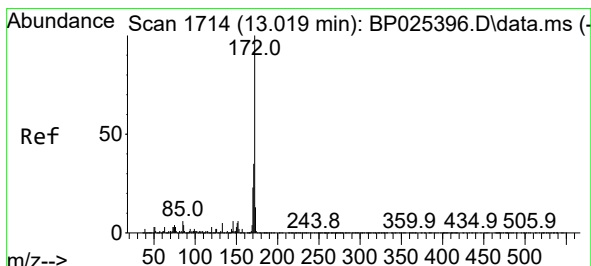
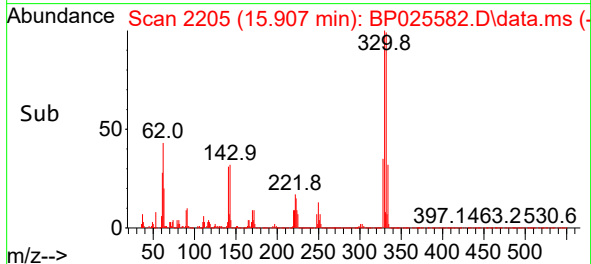
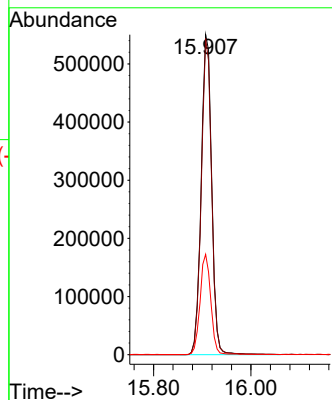
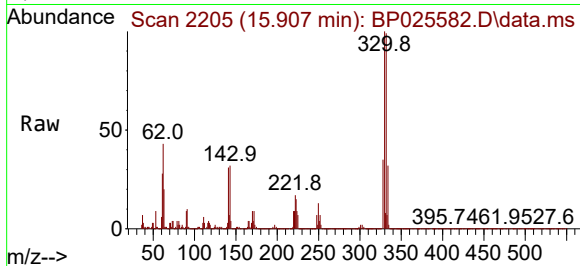




#42
2,4,6-Tribromophenol
Concen: 133.843 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

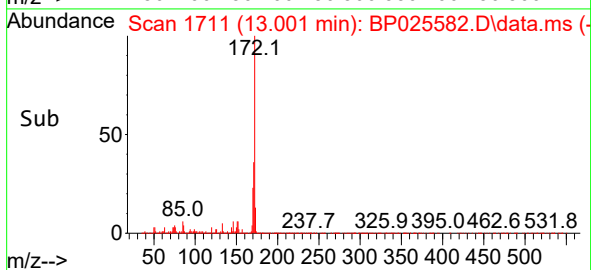
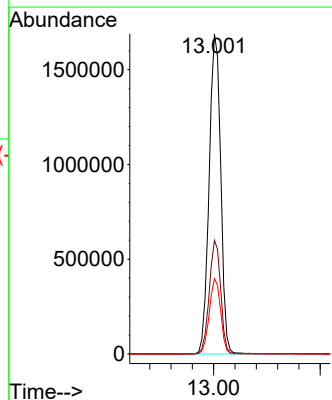
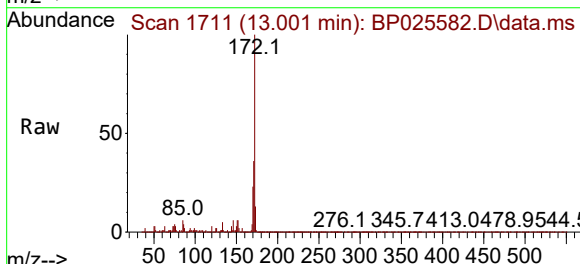
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP(1-2)

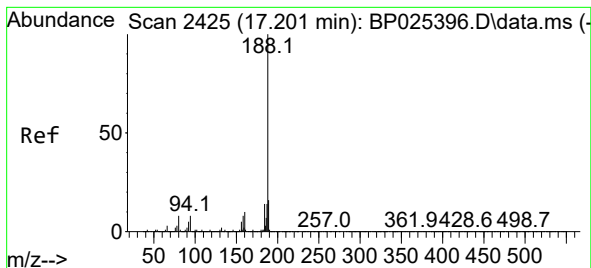
Tgt Ion:330 Resp: 827559
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 31.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 76.021 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

Tgt Ion:172 Resp: 2555175
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP025582.D

Acq: 26 Aug 2025 12:29

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP(1-2)

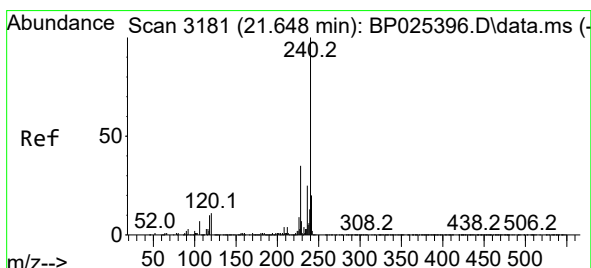
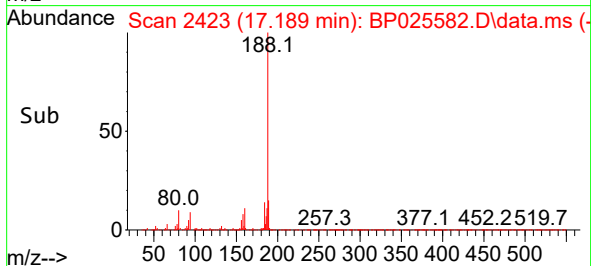
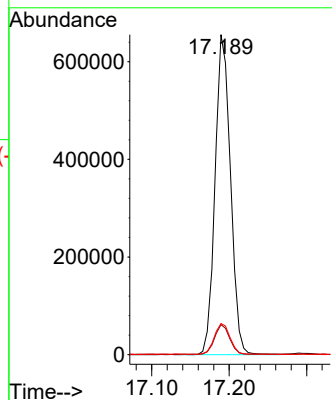
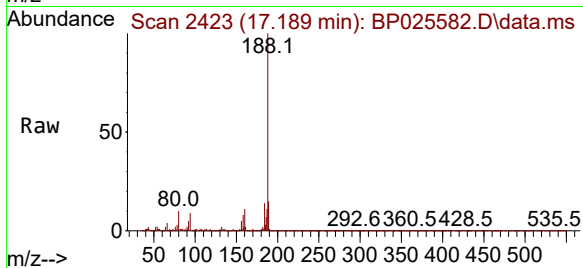
Tgt Ion:188 Resp: 903591

Ion Ratio Lower Upper

188 100

94 9.4 6.6 10.0

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.018 min

Lab File: BP025582.D

Acq: 26 Aug 2025 12:29

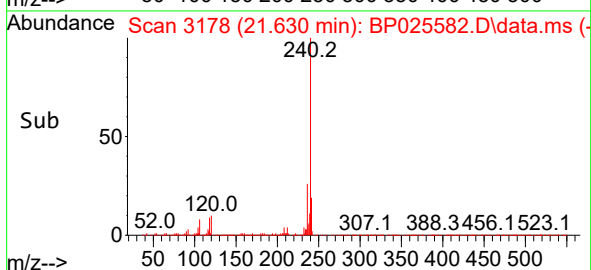
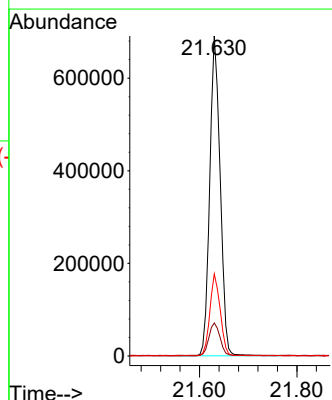
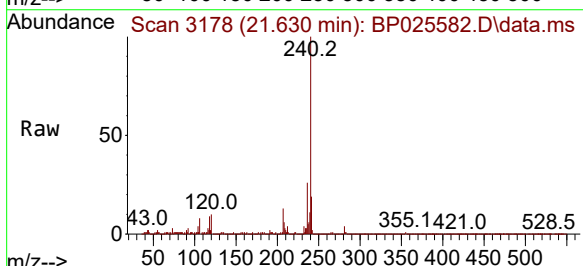
Tgt Ion:240 Resp: 1021743

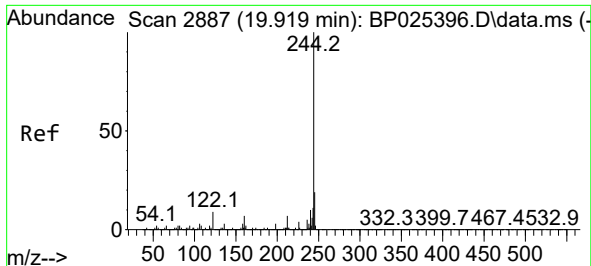
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8

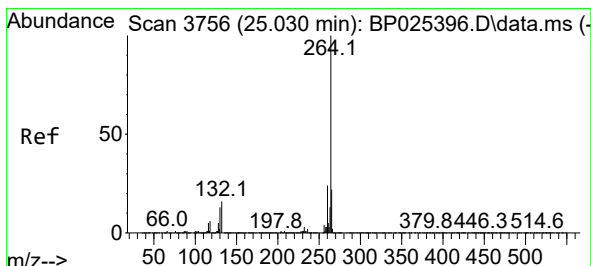
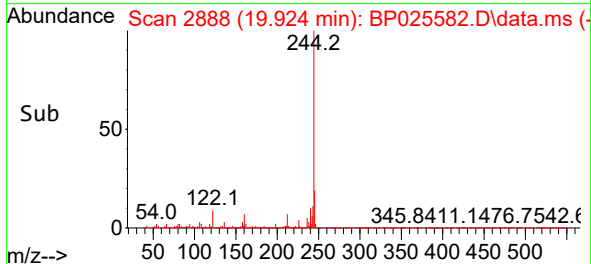
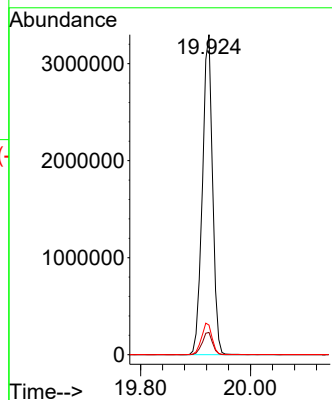
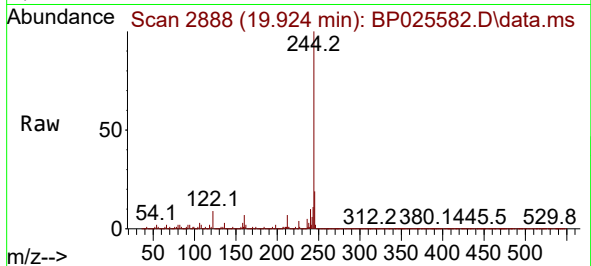




#79
Terphenyl-d14
Concen: 75.663 ng
RT: 19.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

Instrument :
BNA_P
ClientSampleId :
SOIL-COMP(1-2)

Tgt Ion:244 Resp: 4225469
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.3 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025582.D
Acq: 26 Aug 2025 12:29

Tgt Ion:264 Resp: 1202914
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.9 17.4 26.0

