

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025408.D
 Acq On : 15 Aug 2025 01:00
 Operator : CG/JU
 Sample : Q2820-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DUP-2

Quant Time: Aug 15 01:38:30 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	7.790	152	130775	20.000	ng	0.00
21) Naphthalene-d8	10.555	136	527527	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	362405	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	768594	20.000	ng	0.00
76) Chrysene-d12	21.636	240	878990	20.000	ng	-0.01
86) Perylene-d12	24.983	264	982656	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	966224	122.700	ng	0.00
7) Phenol-d6	6.966	99	1284539	127.232	ng	0.00
23) Nitrobenzene-d5	8.931	82	781383	74.928	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	652588	133.782	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1759458	66.352	ng	-0.01
79) Terphenyl-d14	19.925	244	3197028	66.544	ng	0.00

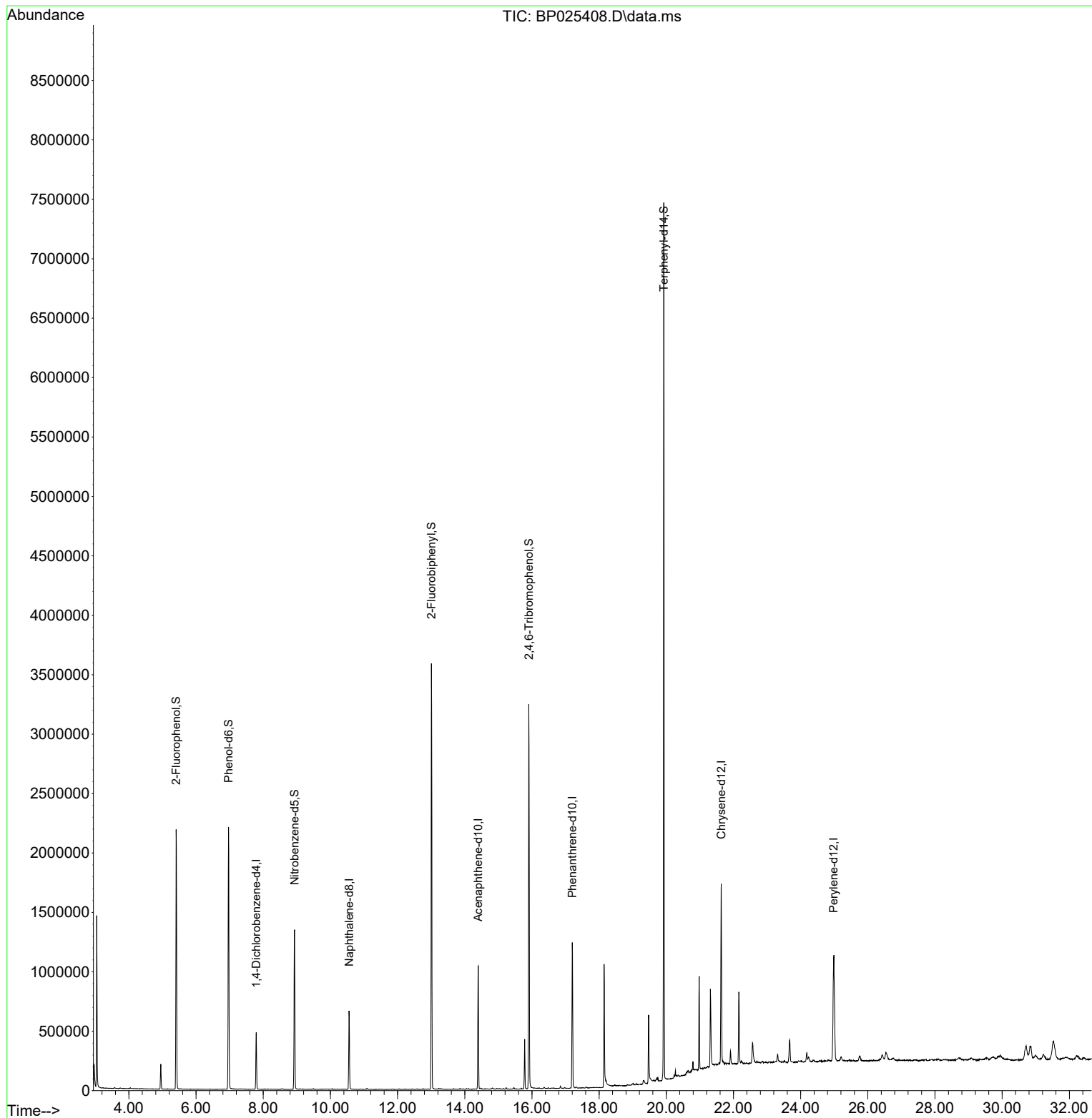
Target Compounds	Qvalue

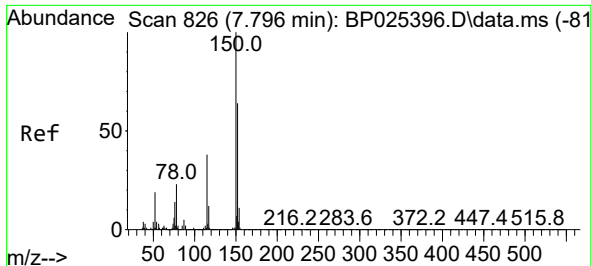
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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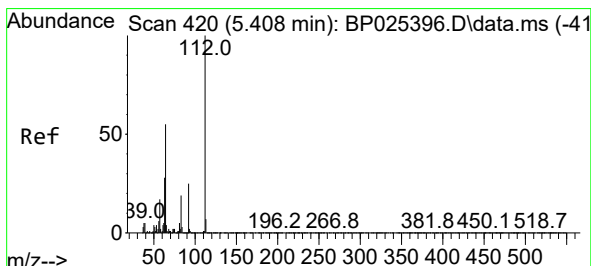
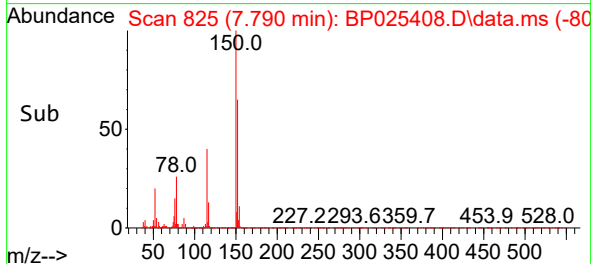
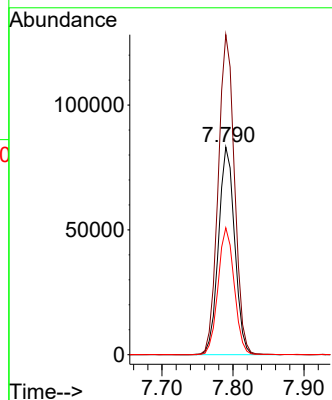
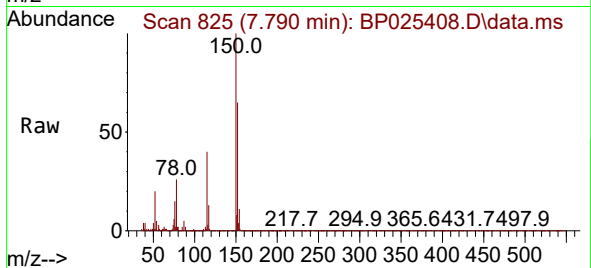




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025408.D
 Acq: 15 Aug 2025 01:00

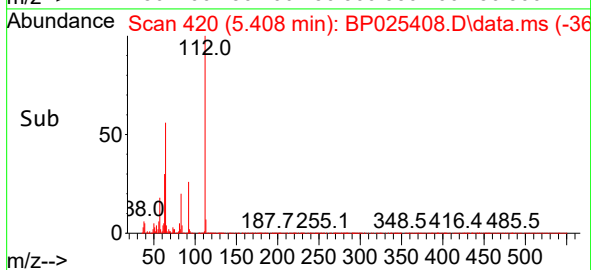
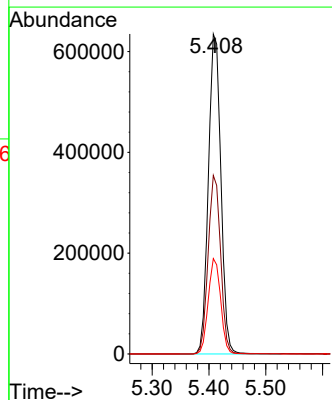
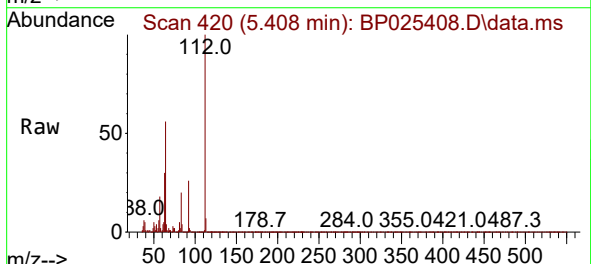
Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DUP-2

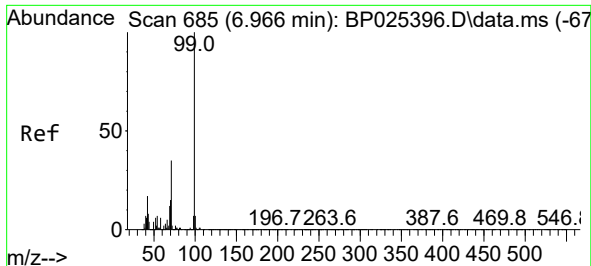
Tgt Ion:152 Resp: 130775
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.9 188.9
 115 61.1 48.5 72.7



#5
 2-Fluorophenol
 Concen: 122.700 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025408.D
 Acq: 15 Aug 2025 01:00

Tgt Ion:112 Resp: 966224
 Ion Ratio Lower Upper
 112 100
 64 55.8 43.8 65.8
 63 29.8 22.7 34.1

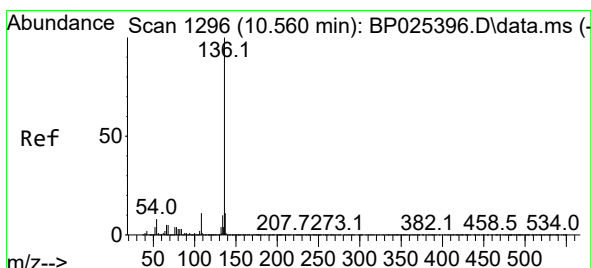
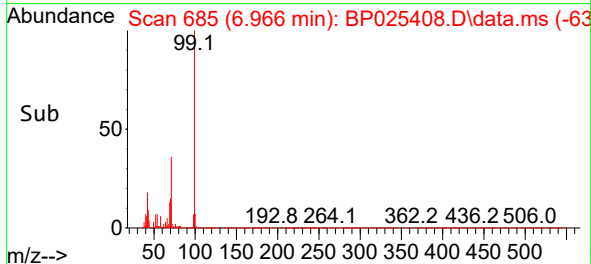
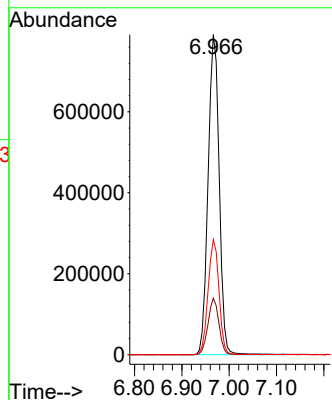
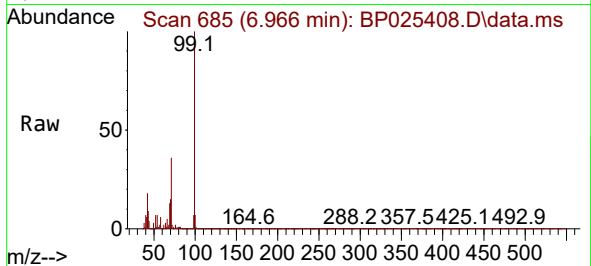




#7
Phenol-d6
Concen: 127.232 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025408.D
Acq: 15 Aug 2025 01:00

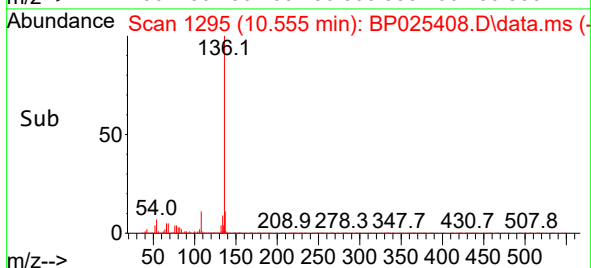
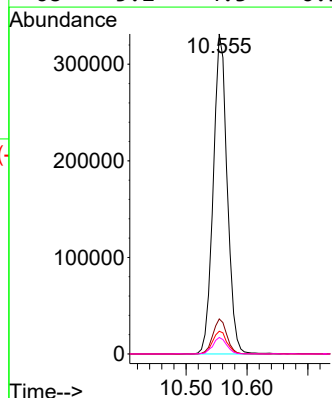
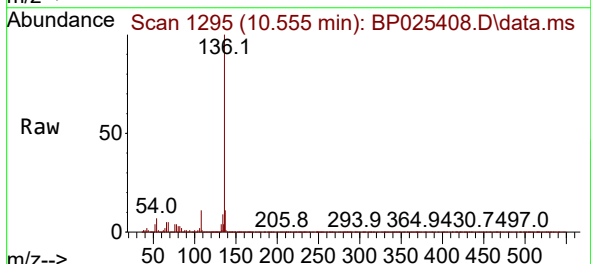
Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

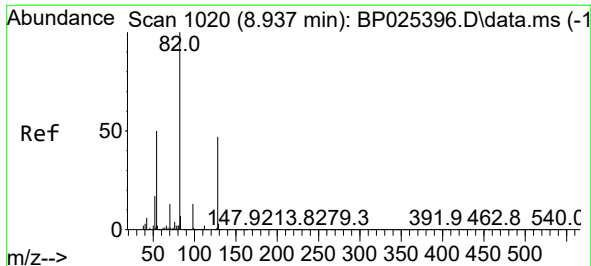
Tgt Ion: 99 Resp: 1284539
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 36.0 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025408.D
Acq: 15 Aug 2025 01:00

Tgt Ion:136 Resp: 527527
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.1 6.0 9.0
68 5.2 4.3 6.5

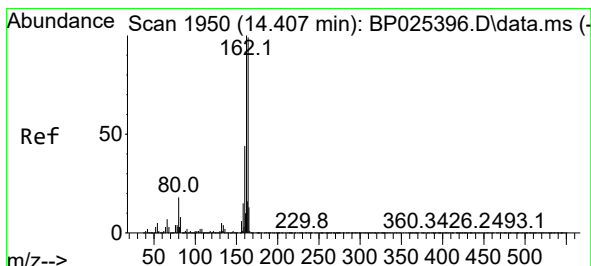
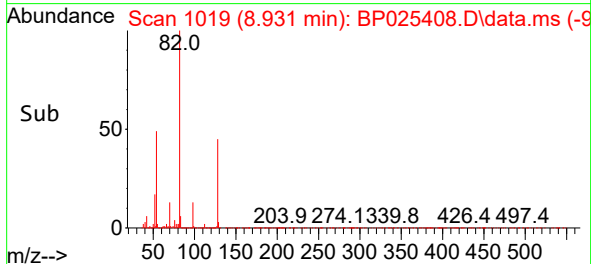
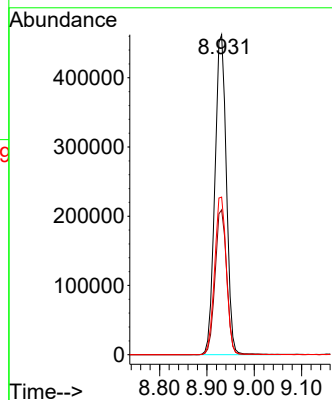
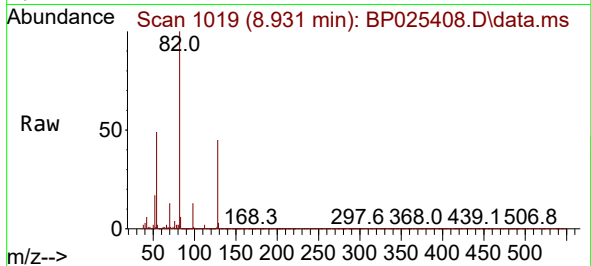




#23
Nitrobenzene-d5
Concen: 74.928 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025408.D
Acq: 15 Aug 2025 01:00

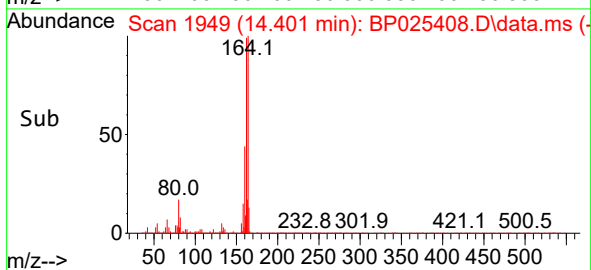
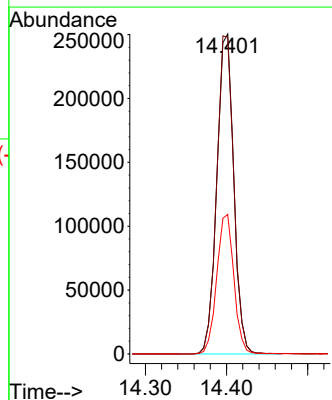
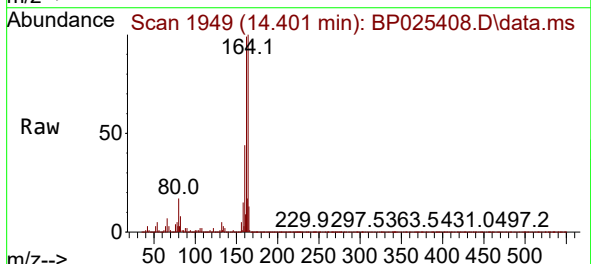
Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

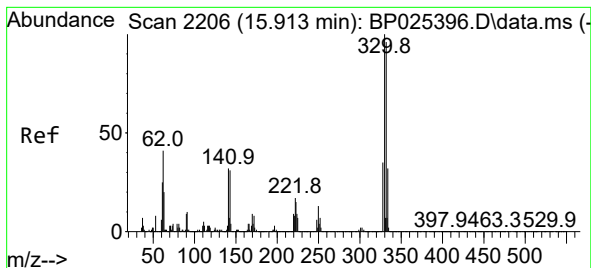
Tgt Ion: 82 Resp: 781383
Ion Ratio Lower Upper
82 100
128 45.2 37.7 56.5
54 49.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025408.D
Acq: 15 Aug 2025 01:00

Tgt Ion: 164 Resp: 362405
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.6
160 43.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 133.782 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025408.D

Acq: 15 Aug 2025 01:00

Instrument :

BNA_P

ClientSampleId :

SOIL-DUP-2

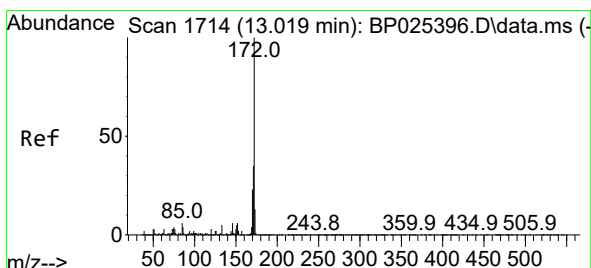
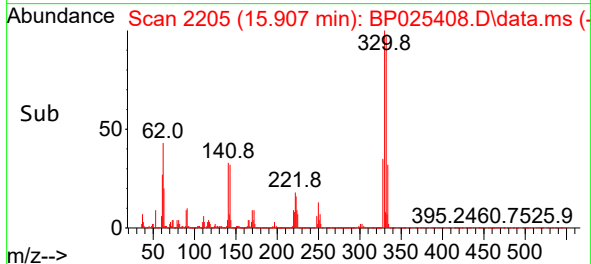
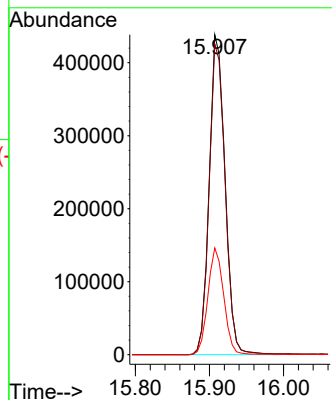
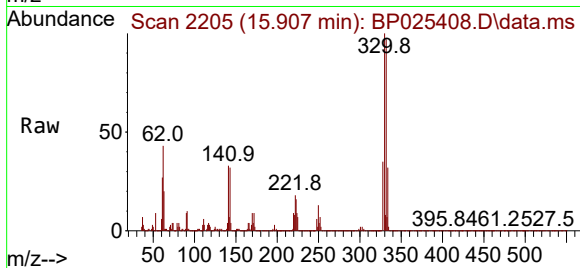
Tgt Ion:330 Resp: 652588

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 33.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 66.352 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025408.D

Acq: 15 Aug 2025 01:00

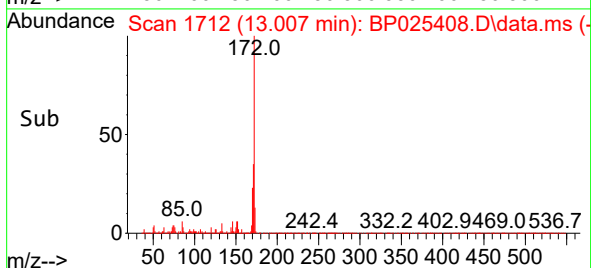
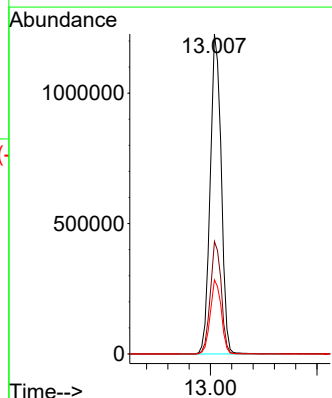
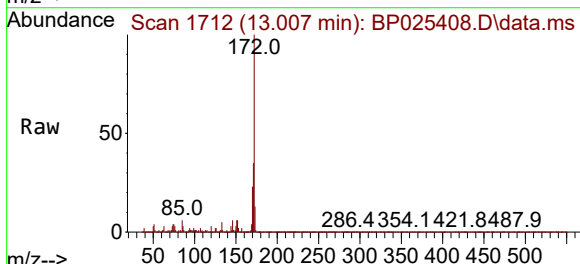
Tgt Ion:172 Resp: 1759458

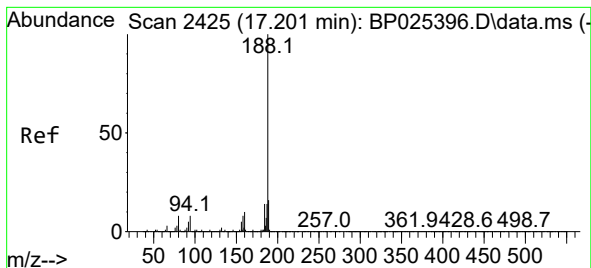
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.1 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: BP025408.D

Acq: 15 Aug 2025 01:00

Instrument :

BNA_P

ClientSampleId :

SOIL-DUP-2

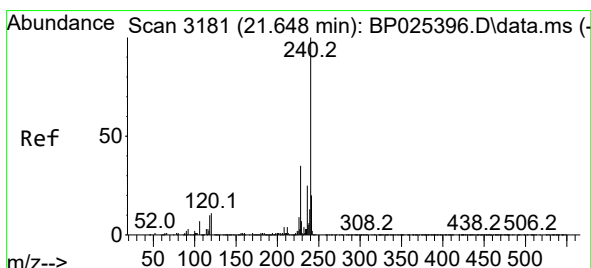
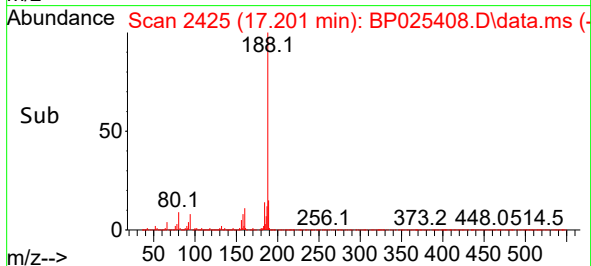
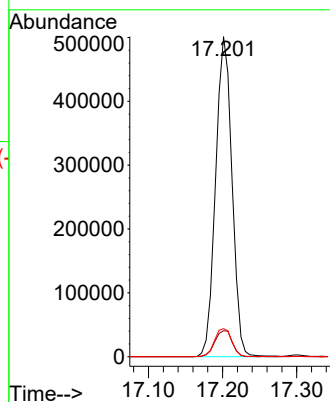
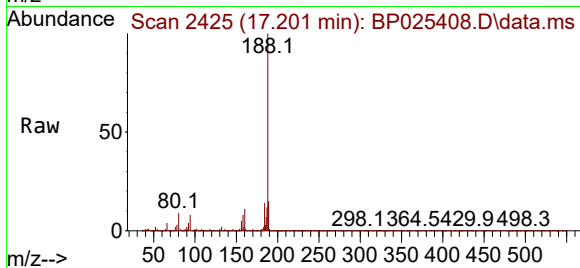
Tgt Ion:188 Resp: 768594

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 8.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3179

Delta R.T. -0.012 min

Lab File: BP025408.D

Acq: 15 Aug 2025 01:00

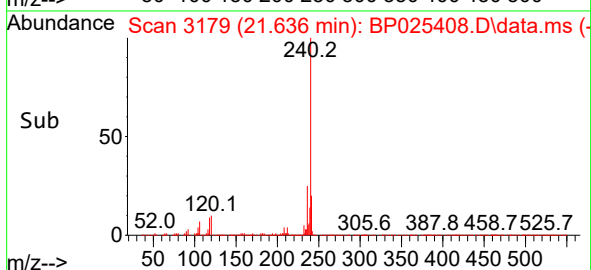
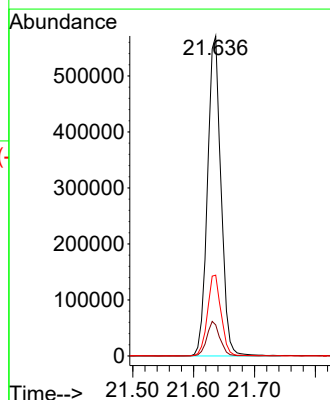
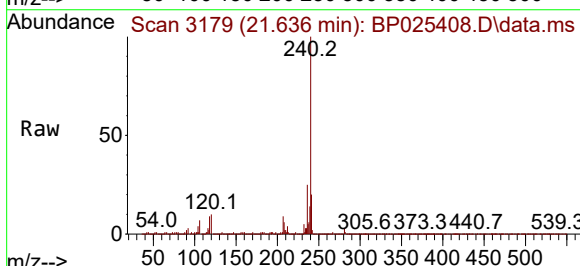
Tgt Ion:240 Resp: 878990

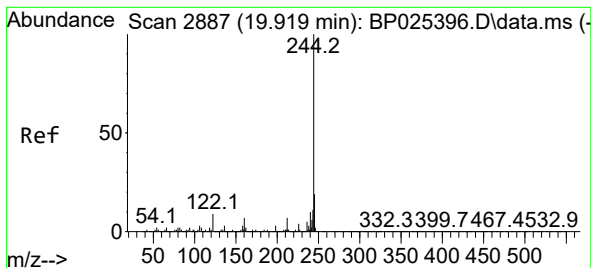
Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 66.544 ng

RT: 19.925 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025408.D

Acq: 15 Aug 2025 01:00

Instrument :

BNA_P

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SOIL-DUP-2

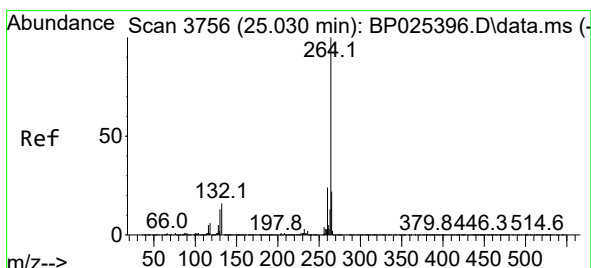
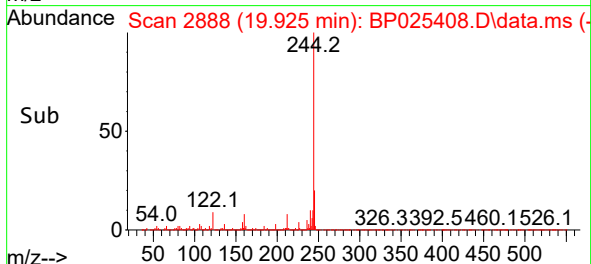
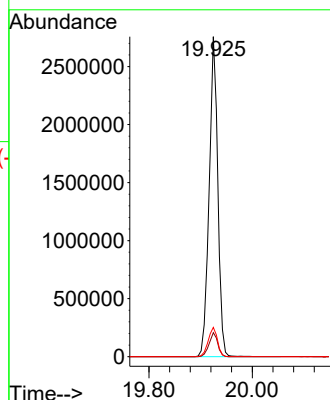
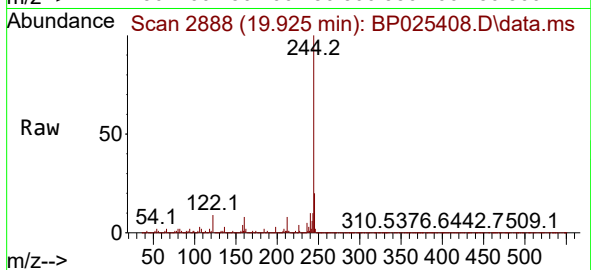
Tgt Ion:244 Resp: 3197028

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 9.2 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 3748

Delta R.T. -0.047 min

Lab File: BP025408.D

Acq: 15 Aug 2025 01:00

Tgt Ion:264 Resp: 982656

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.3 17.4 26.0

