

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025490.D
 Acq On : 20 Aug 2025 01:48
 Operator : CG/JU
 Sample : Q2870-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 6-9 COMP

Quant Time: Aug 20 02:28:24 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	7.790	152	146607	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	581999	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	393793	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	852155	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	966276	20.000	ng	-0.02
86) Perylene-d12	25.007	264	1053830	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	780549	88.417	ng	0.00
7) Phenol-d6	6.966	99	992894	87.725	ng	0.00
23) Nitrobenzene-d5	8.925	82	638096	55.461	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	497573	93.873	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1450067	50.326	ng	0.00
79) Terphenyl-d14	19.913	244	2575345	48.762	ng	0.00

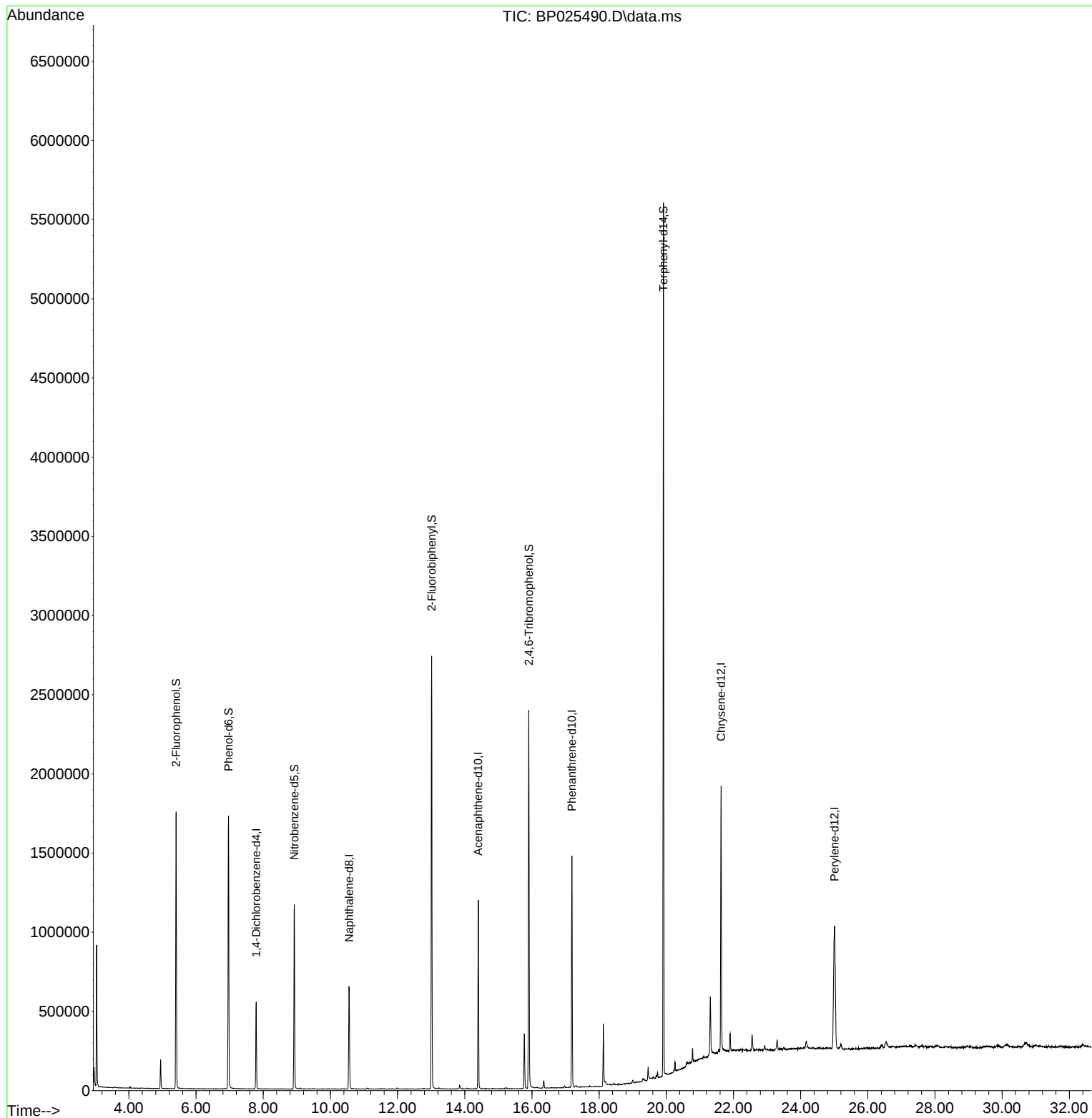
Target Compounds	Qvalue

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

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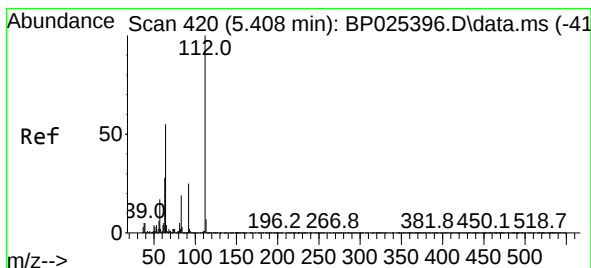
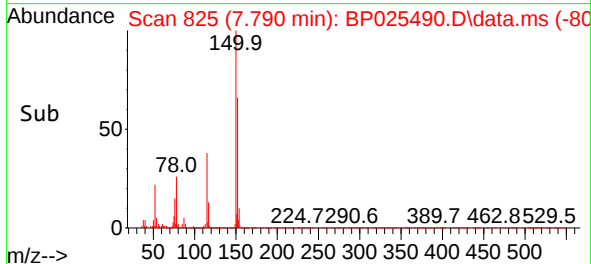
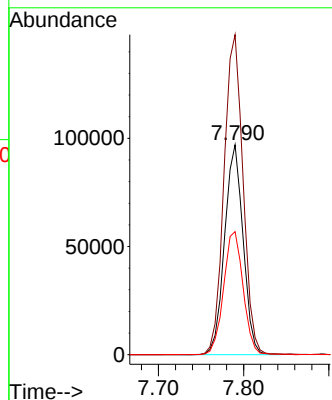
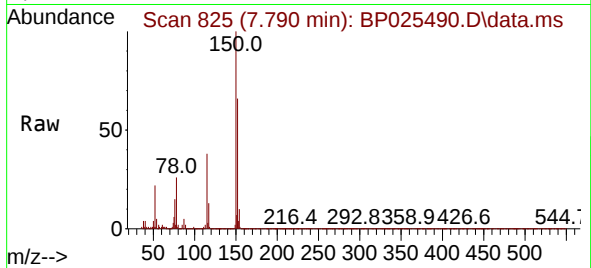




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025490.D
Acq: 20 Aug 2025 01:48

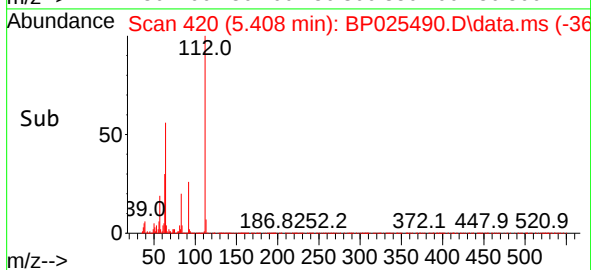
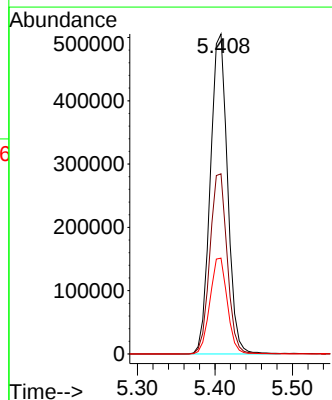
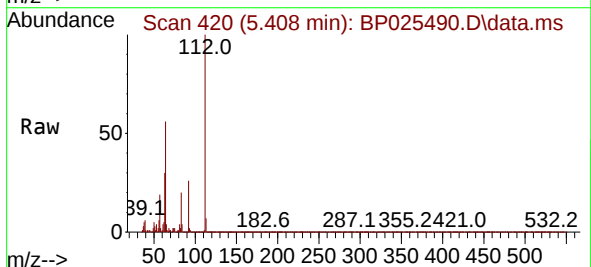
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

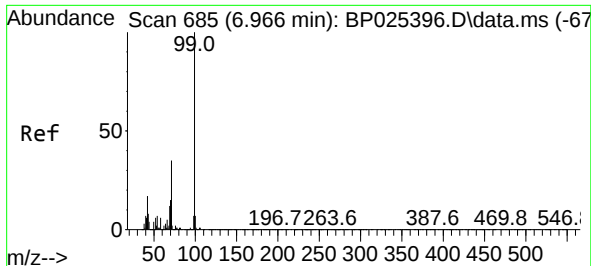
Tgt Ion:152 Resp: 146607
Ion Ratio Lower Upper
152 100
150 152.4 125.9 188.9
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 88.417 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025490.D
Acq: 20 Aug 2025 01:48

Tgt Ion:112 Resp: 780549
Ion Ratio Lower Upper
112 100
64 56.3 43.8 65.8
63 30.0 22.7 34.1

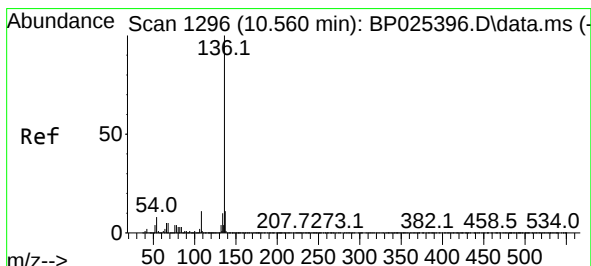
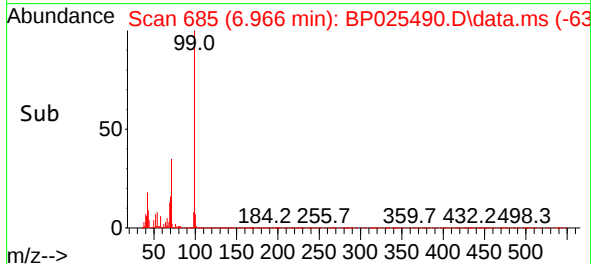
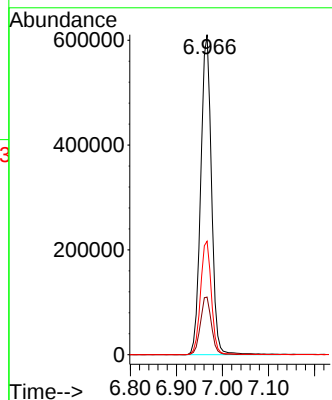
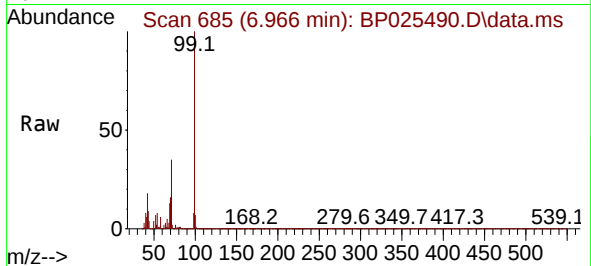




#7
Phenol-d6
Concen: 87.725 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025490.D
Acq: 20 Aug 2025 01:48

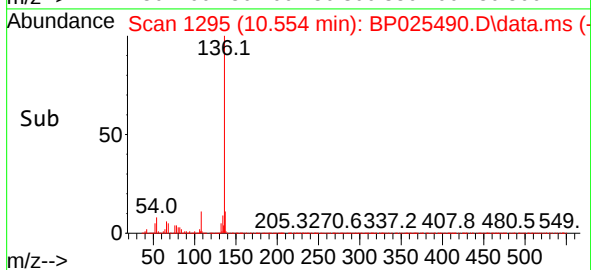
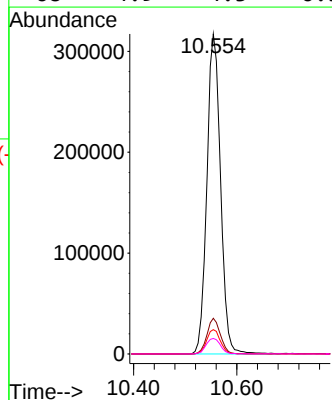
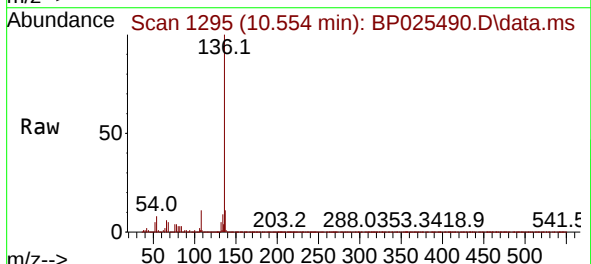
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

Tgt Ion: 99 Resp: 992894
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 35.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025490.D
Acq: 20 Aug 2025 01:48

Tgt Ion: 136 Resp: 581999
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.6 6.0 9.0
68 4.9 4.3 6.5

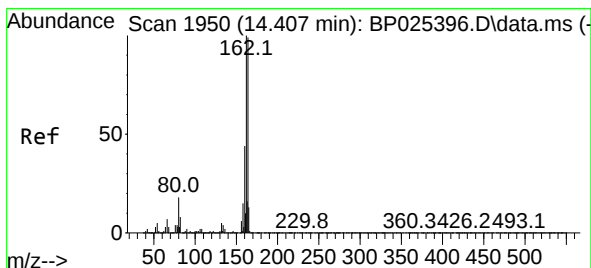
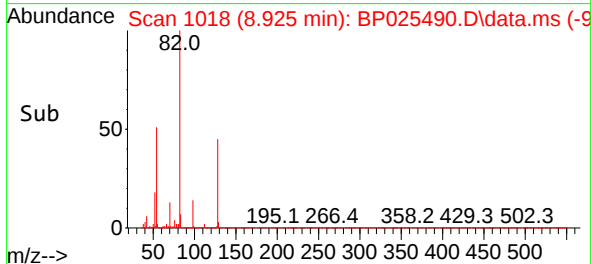
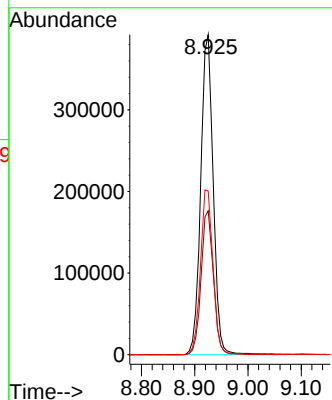
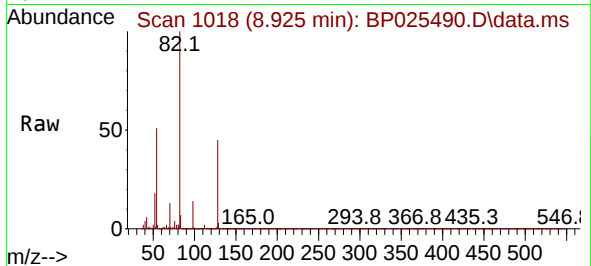




#23
Nitrobenzene-d5
Concen: 55.461 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025490.D
Acq: 20 Aug 2025 01:48

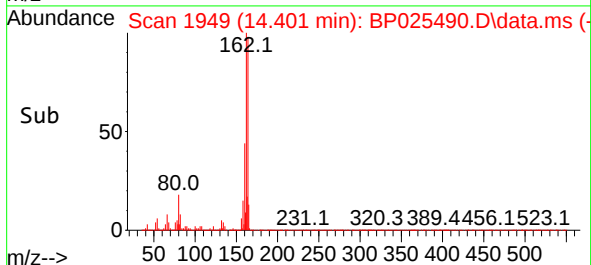
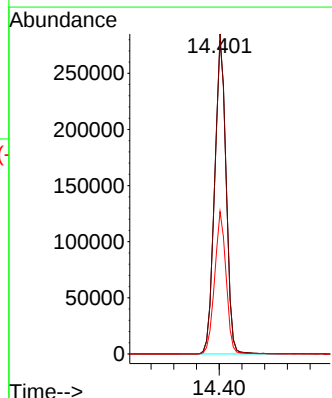
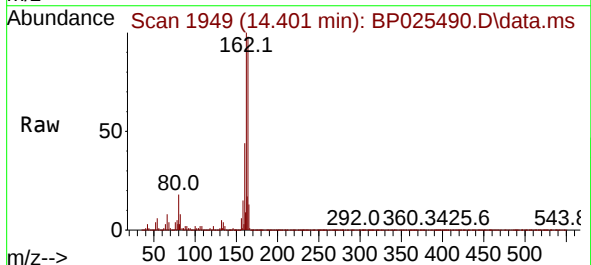
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 6-9 COMP

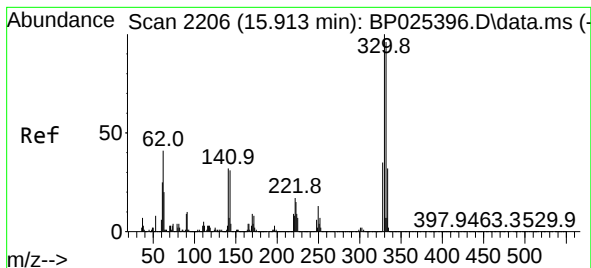
Tgt Ion: 82 Resp: 638096
Ion Ratio Lower Upper
82 100
128 45.0 37.7 56.5
54 51.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025490.D
Acq: 20 Aug 2025 01:48

Tgt Ion:164 Resp: 393793
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 45.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 93.873 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025490.D

Acq: 20 Aug 2025 01:48

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 6-9 COMP

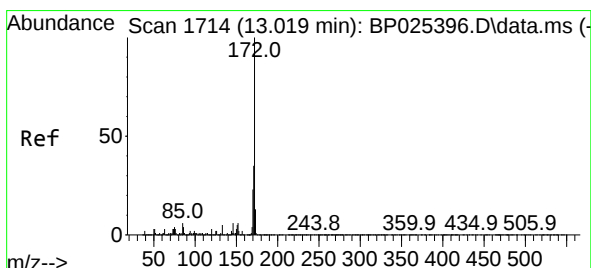
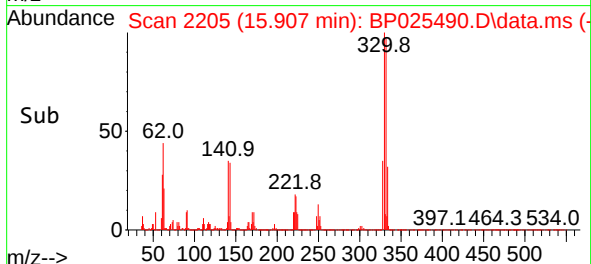
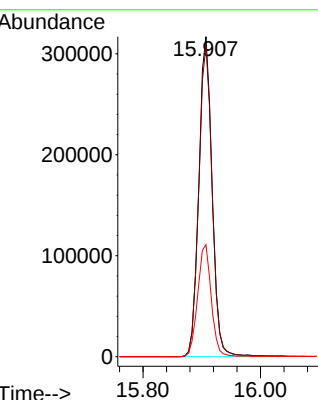
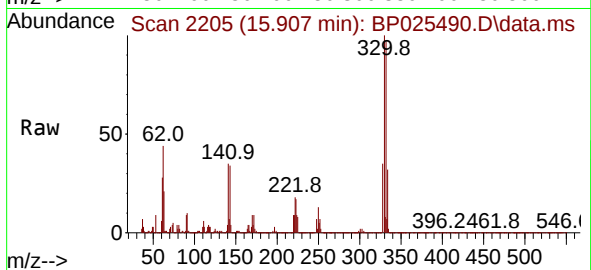
Tgt Ion:330 Resp: 497573

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

141 35.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 50.326 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025490.D

Acq: 20 Aug 2025 01:48

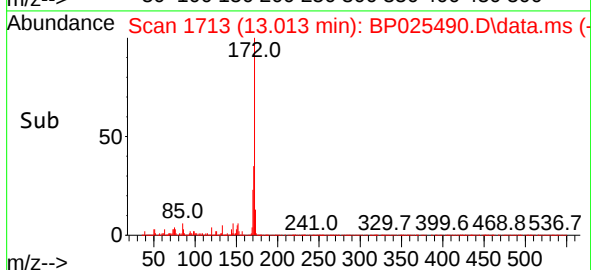
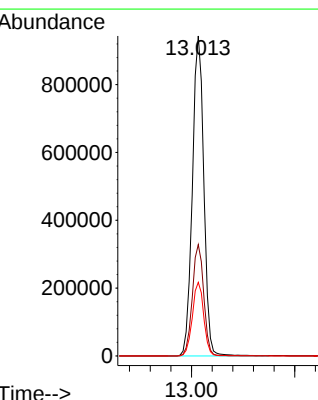
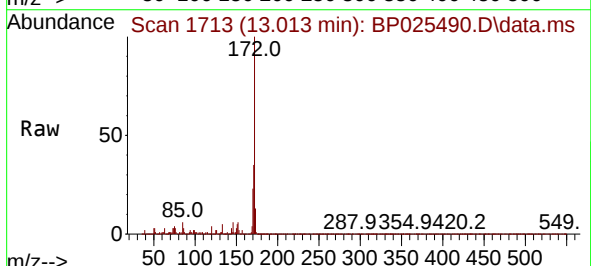
Tgt Ion:172 Resp: 1450067

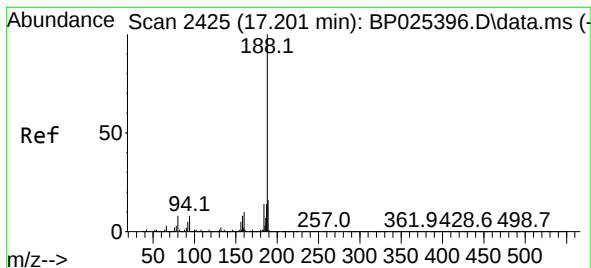
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.0 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: BP025490.D

Acq: 20 Aug 2025 01:48

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 6-9 COMP

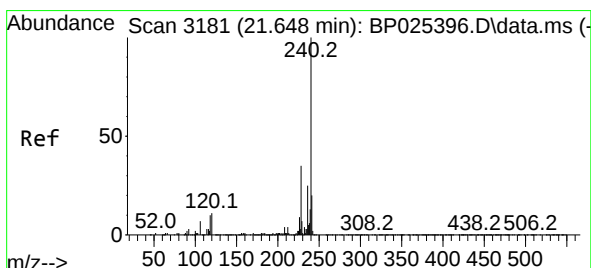
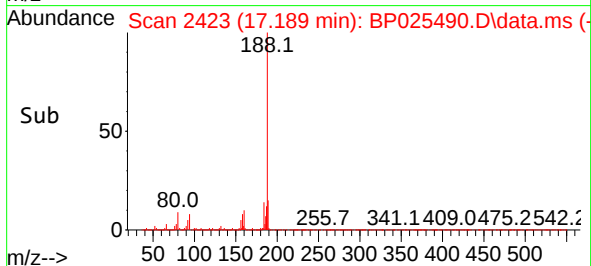
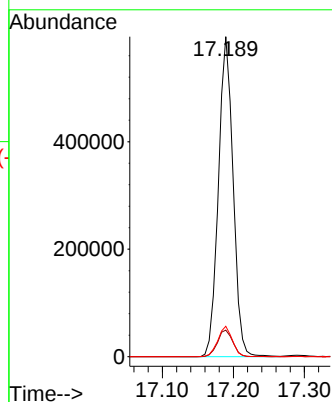
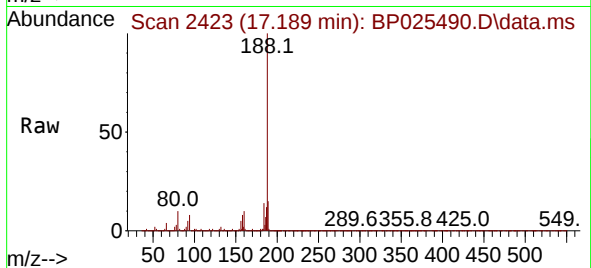
Tgt Ion:188 Resp: 852155

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.5 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: BP025490.D

Acq: 20 Aug 2025 01:48

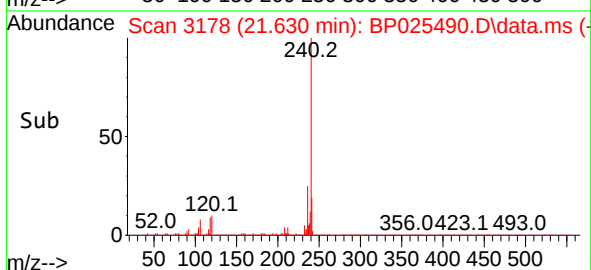
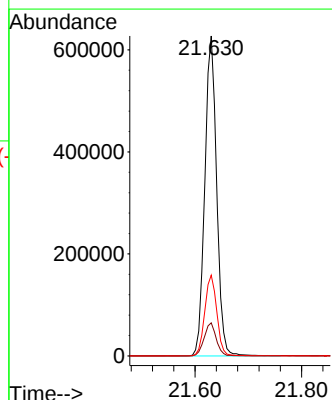
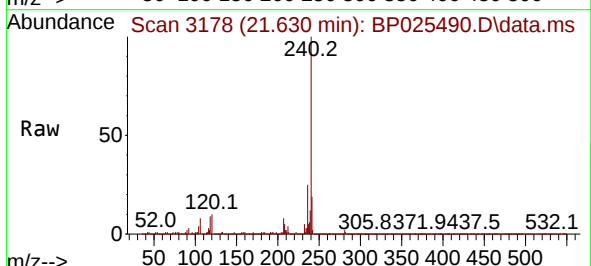
Tgt Ion:240 Resp: 966276

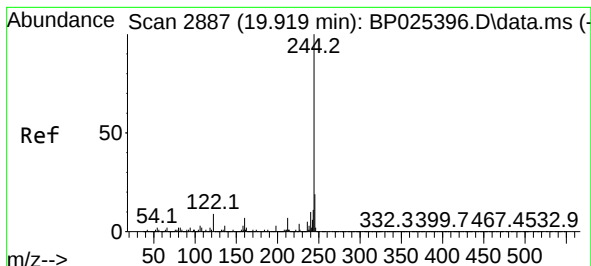
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 48.762 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025490.D

Acq: 20 Aug 2025 01:48

Instrument :

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DRILL CUTTING 6-9 COMP

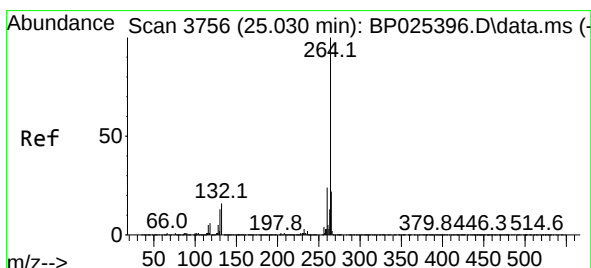
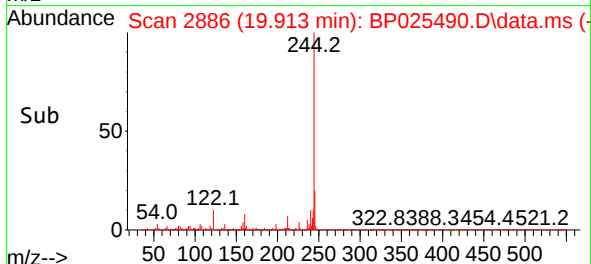
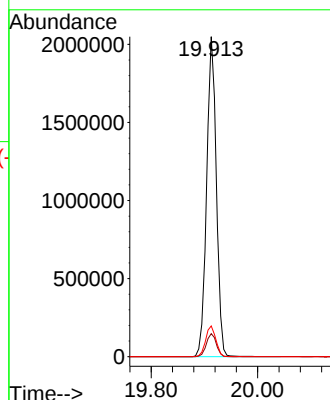
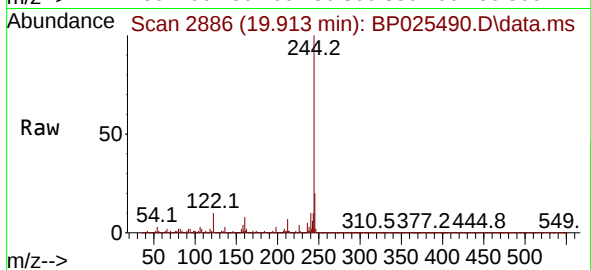
Tgt Ion:244 Resp: 2575345

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.007 min Scan# 3752

Delta R.T. -0.023 min

Lab File: BP025490.D

Acq: 20 Aug 2025 01:48

Tgt Ion:264 Resp: 1053830

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.2 17.4 26.0

