

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025492.D
 Acq On : 20 Aug 2025 03:10
 Operator : CG/JU
 Sample : Q2870-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 1-5 COMP

Quant Time: Aug 20 04:24:11 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	147789	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	590545	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	390126	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	825389	20.000	ng	0.00
76) Chrysene-d12	21.630	240	929401	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1038618	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	715807	80.435	ng	0.00
7) Phenol-d6	6.966	99	912284	79.958	ng	0.00
23) Nitrobenzene-d5	8.925	82	579047	49.601	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	469837	89.473	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1280723	44.866	ng	0.00
79) Terphenyl-d14	19.919	244	2376096	46.775	ng	0.00

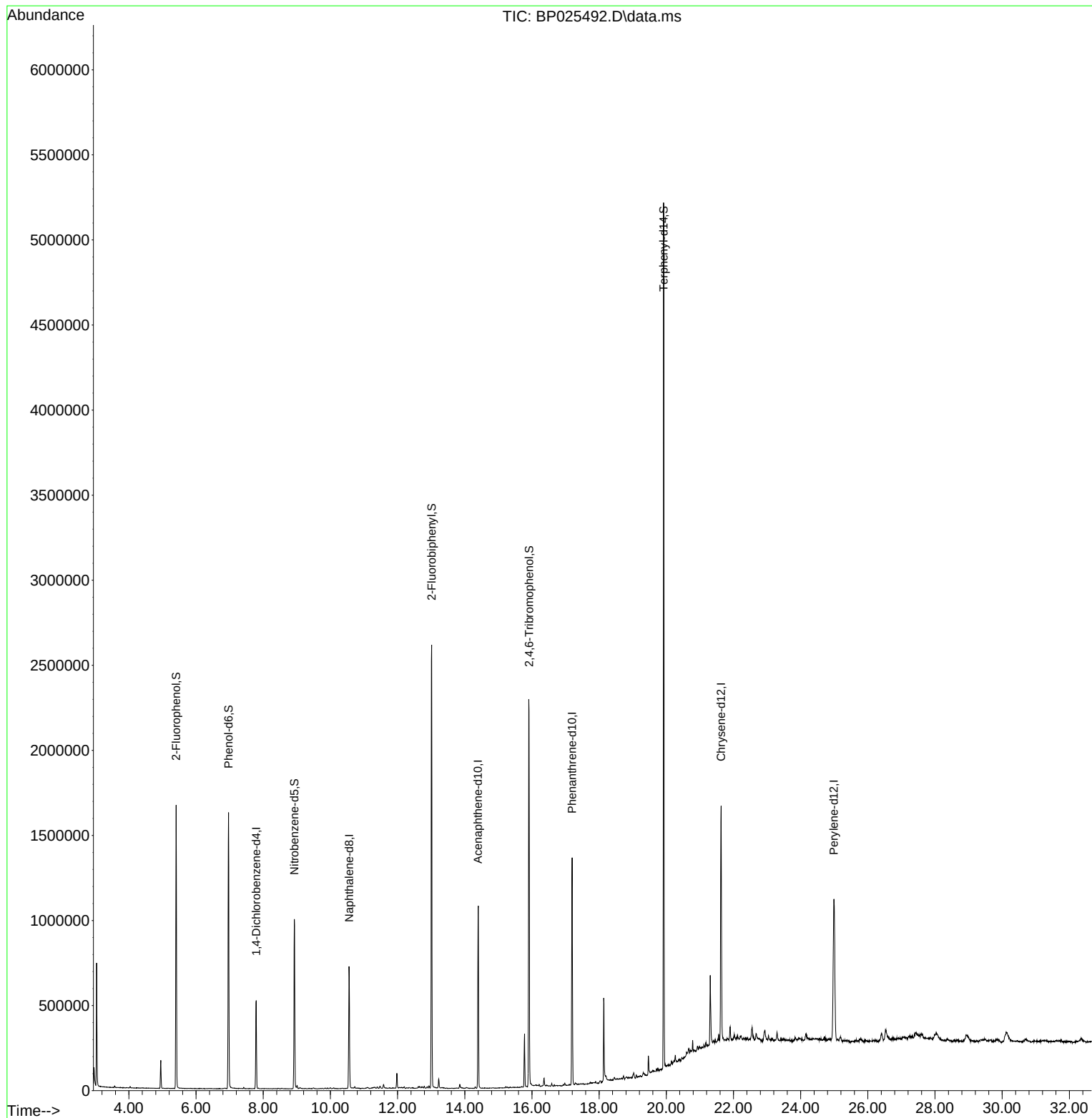
Target Compounds	Qvalue

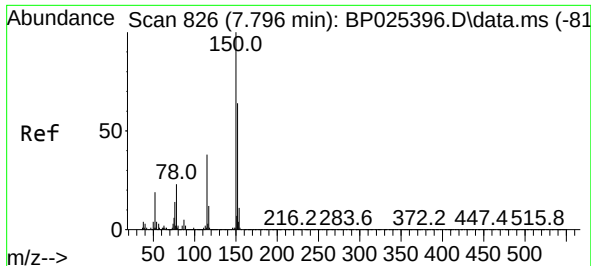
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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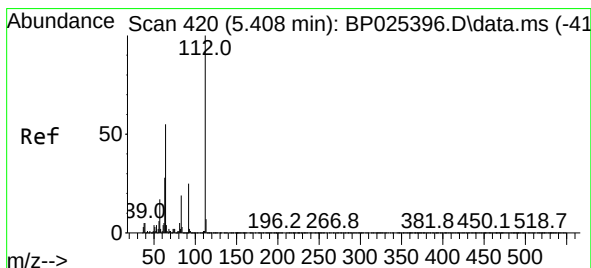
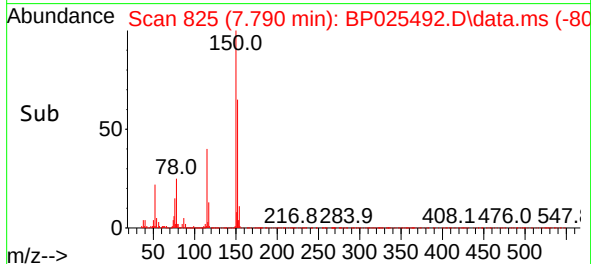
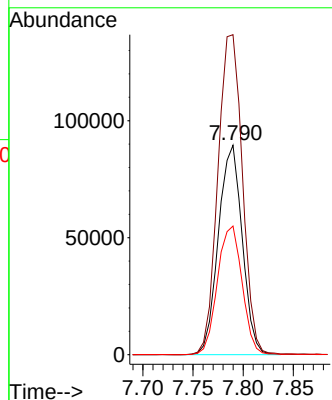
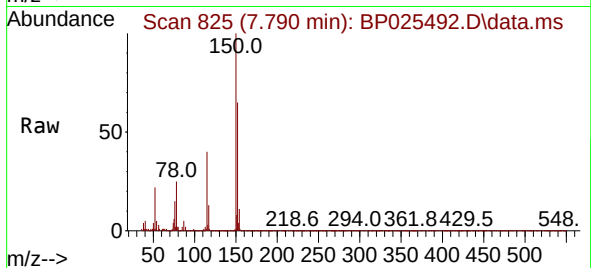




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

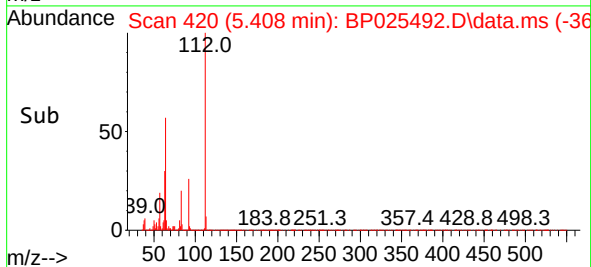
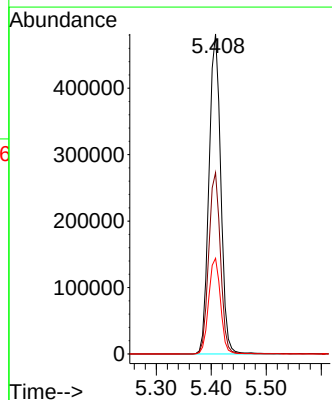
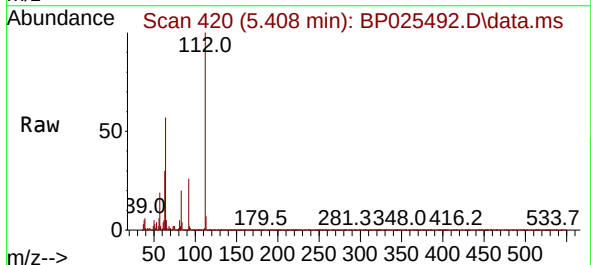
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-5 COMP

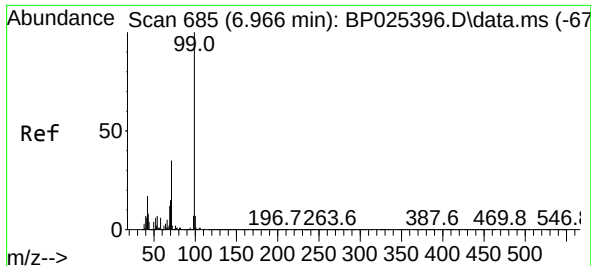
Tgt Ion:152 Resp: 147789
Ion Ratio Lower Upper
152 100
150 152.7 125.9 188.9
115 61.4 48.5 72.7



#5
2-Fluorophenol
Concen: 80.435 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

Tgt Ion:112 Resp: 715807
Ion Ratio Lower Upper
112 100
64 56.7 43.8 65.8
63 29.9 22.7 34.1

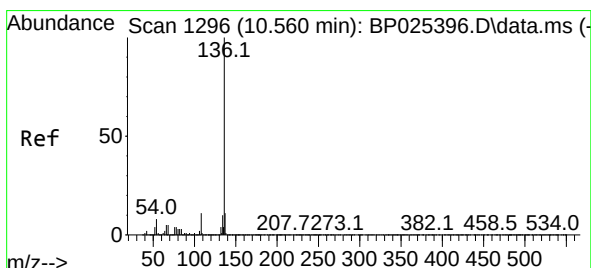
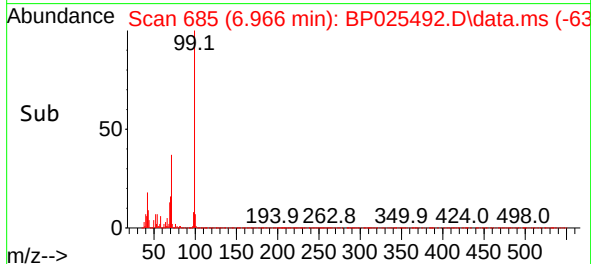
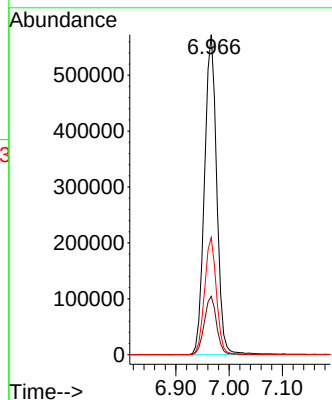
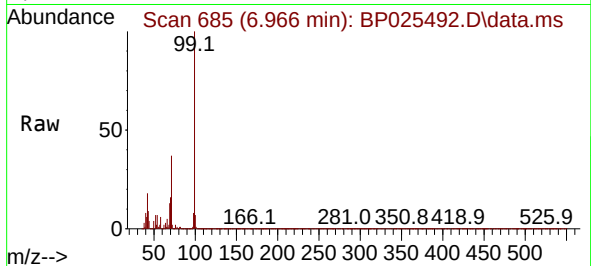




#7
Phenol-d6
Concen: 79.958 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

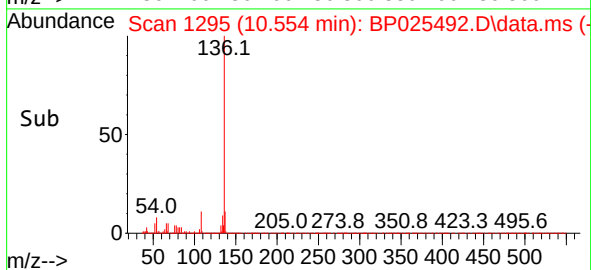
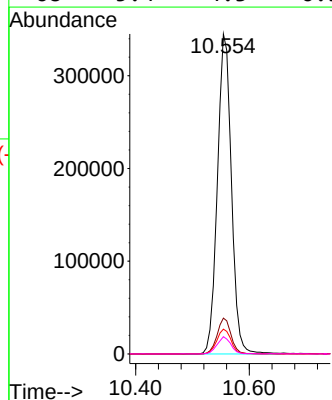
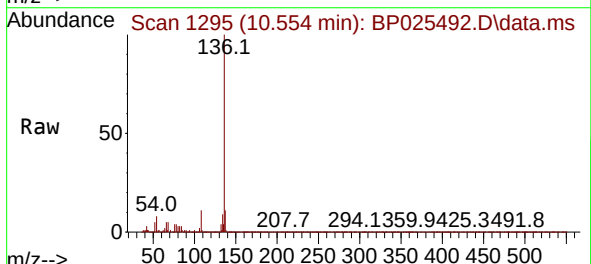
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-5 COMP

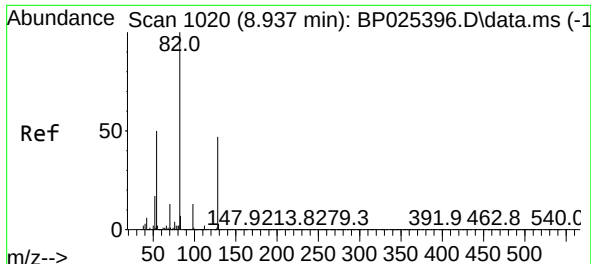
Tgt Ion: 99 Resp: 912284
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 36.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

Tgt Ion: 136 Resp: 590545
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.8 6.0 9.0
68 5.4 4.3 6.5

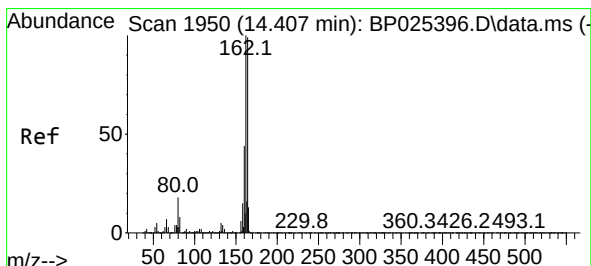
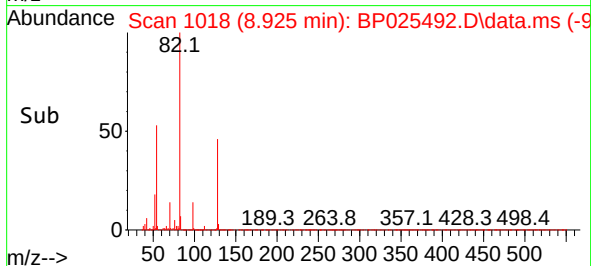
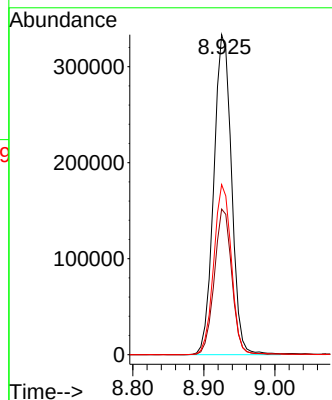
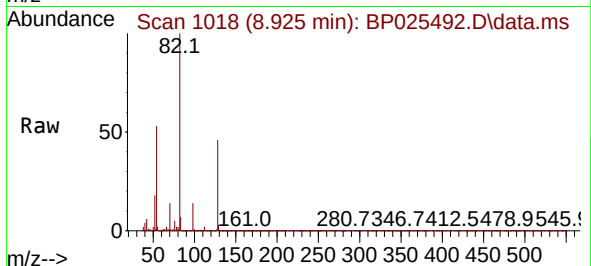




#23
Nitrobenzene-d5
Concen: 49.601 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

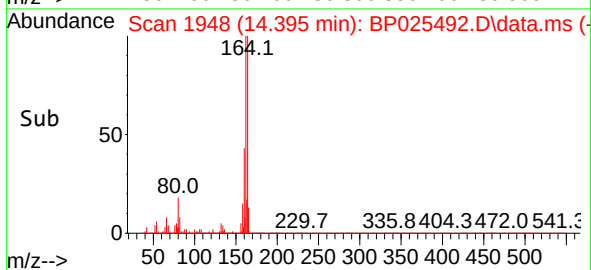
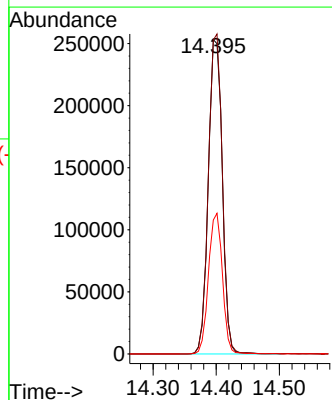
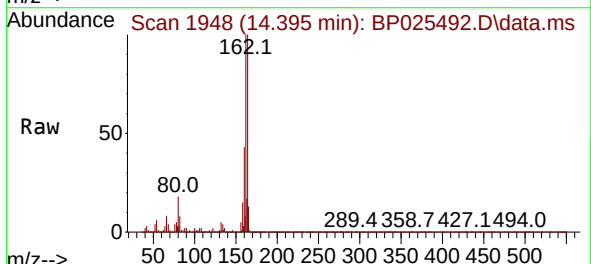
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-5 COMP

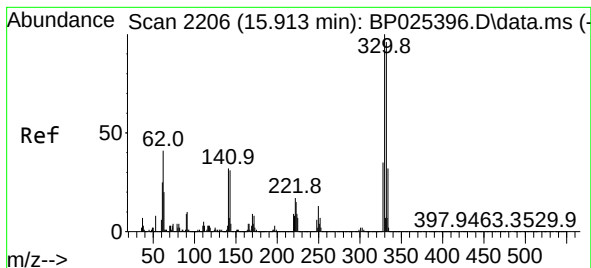
Tgt Ion: 82 Resp: 579047
Ion Ratio Lower Upper
82 100
128 45.5 37.7 56.5
54 53.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

Tgt Ion:164 Resp: 390126
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 42.6 35.4 53.2

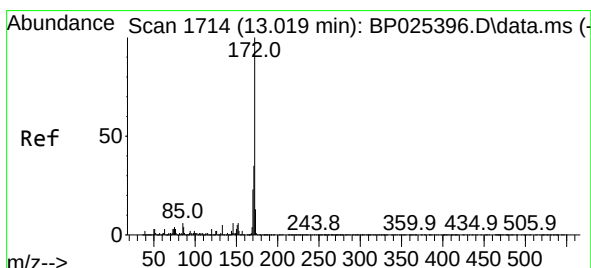
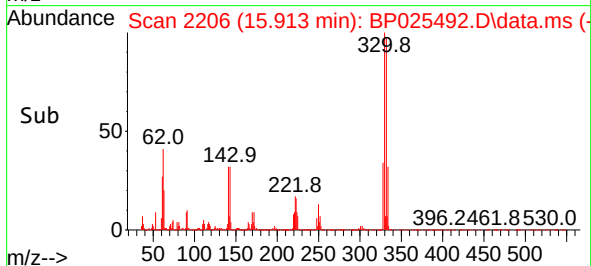
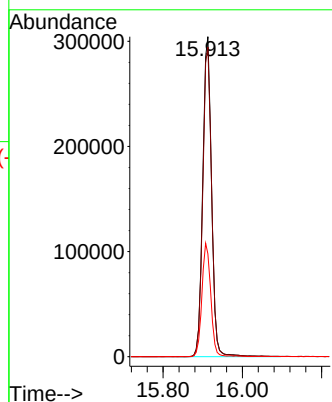
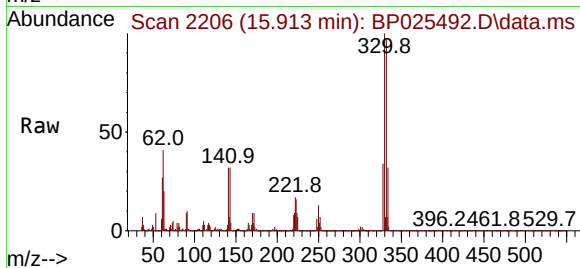




#42
2,4,6-Tribromophenol
Concen: 89.473 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

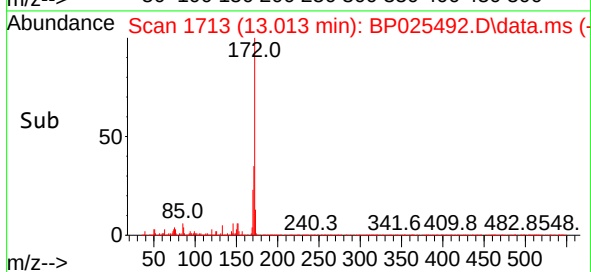
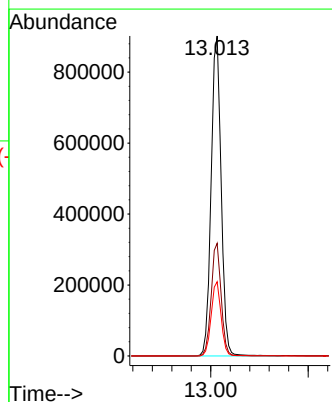
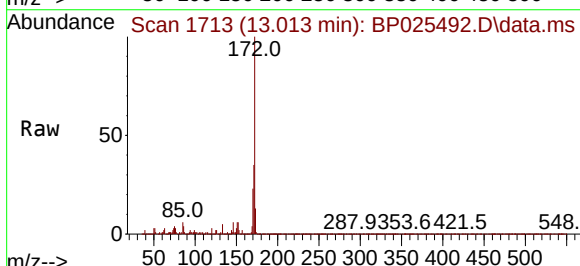
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DRILL CUTTING 1-5 COMP

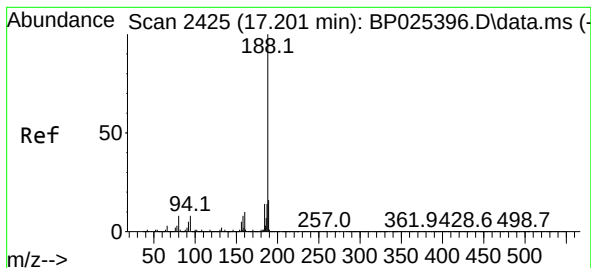
Tgt Ion: 330 Resp: 469837
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 35.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 44.866 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025492.D
Acq: 20 Aug 2025 03:10

Tgt Ion: 172 Resp: 1280723
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025492.D

Acq: 20 Aug 2025 03:10

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 1-5 COMP

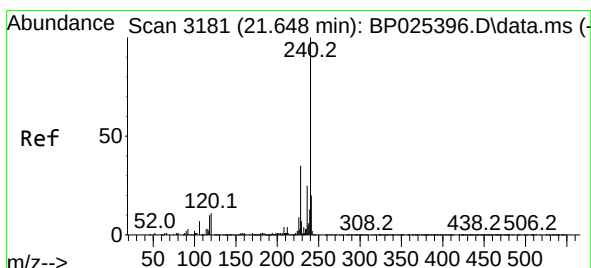
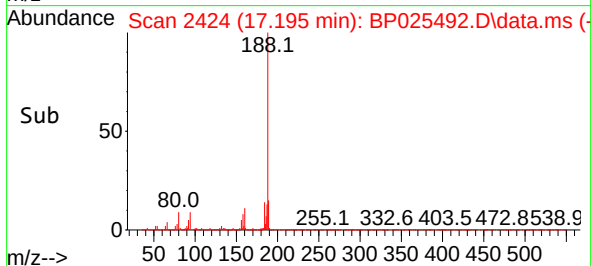
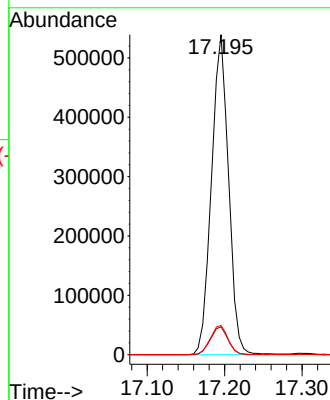
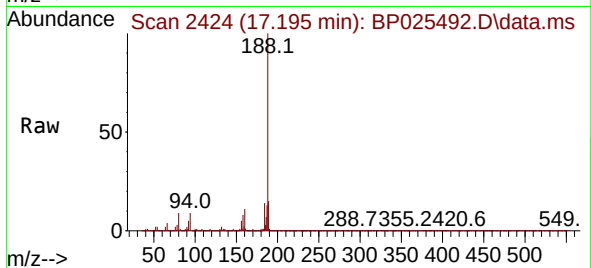
Tgt Ion:188 Resp: 825389

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.2 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: BP025492.D

Acq: 20 Aug 2025 03:10

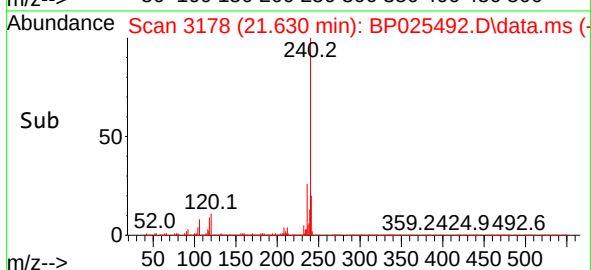
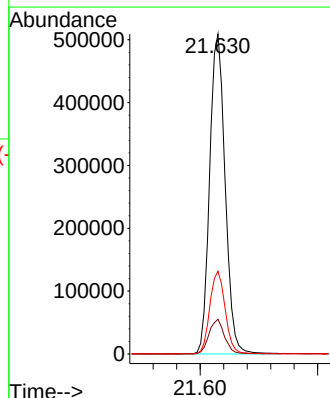
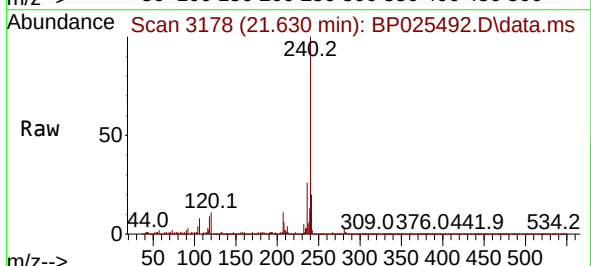
Tgt Ion:240 Resp: 929401

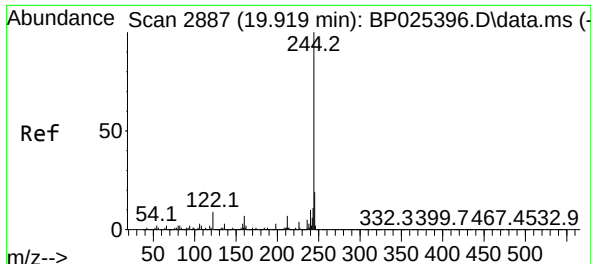
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.8 19.8 29.8

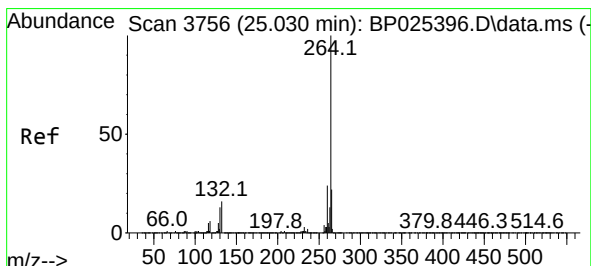
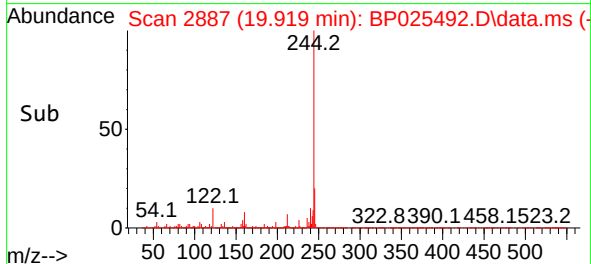
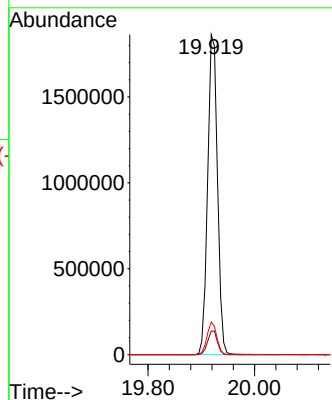
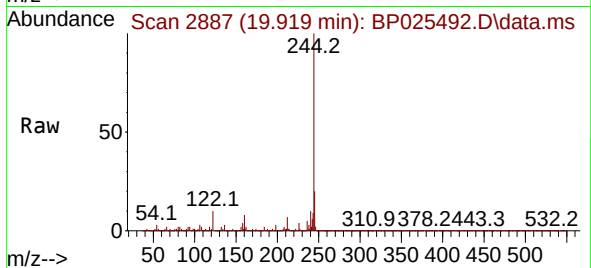




#79
 Terphenyl-d14
 Concen: 46.775 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025492.D
 Acq: 20 Aug 2025 03:10

Instrument :
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 DRILL CUTTING 1-5 COMP

Tgt Ion:244 Resp: 2376096
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.2 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 3749
 Delta R.T. -0.041 min
 Lab File: BP025492.D
 Acq: 20 Aug 2025 03:10

Tgt Ion:264 Resp: 1038618
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.0 17.4 26.0

