

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025495.D
 Acq On : 20 Aug 2025 05:13
 Operator : CG/JU
 Sample : Q2873-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 4-6 COMP

Quant Time: Aug 20 05:51:00 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)

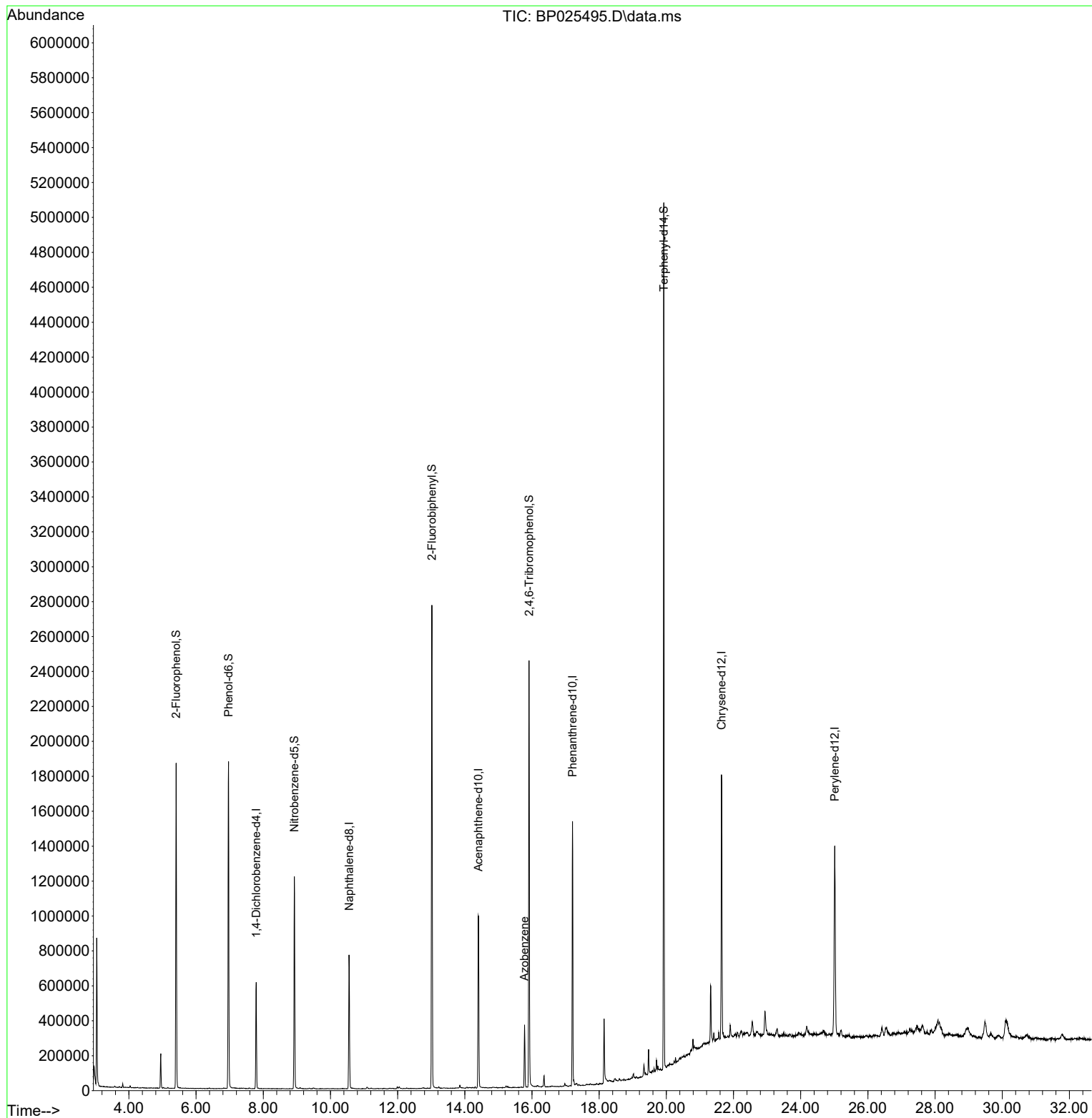
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	165873	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	644354	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	426233	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	876623	20.000	ng	0.00
76) Chrysene-d12	21.642	240	927500	20.000	ng	0.00
86) Perylene-d12	25.012	264	1020206	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	816670	81.764	ng	0.00
7) Phenol-d6	6.966	99	1040195	81.229	ng	0.00
23) Nitrobenzene-d5	8.925	82	672314	52.781	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	478552	83.413	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1570608	50.360	ng	0.00
79) Terphenyl-d14	19.924	244	2488282	49.083	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	110479	4.068	ng	Qvalue # 1

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

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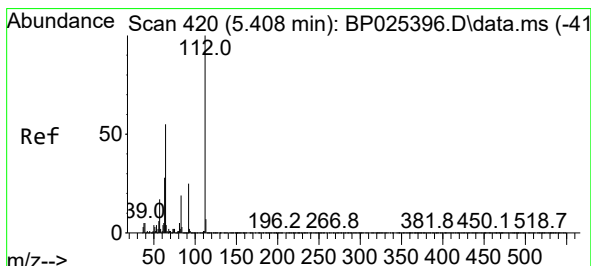
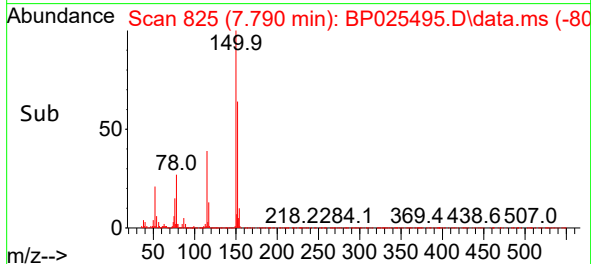
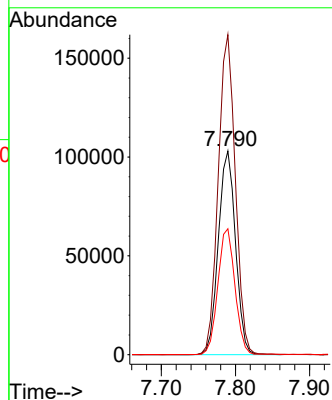
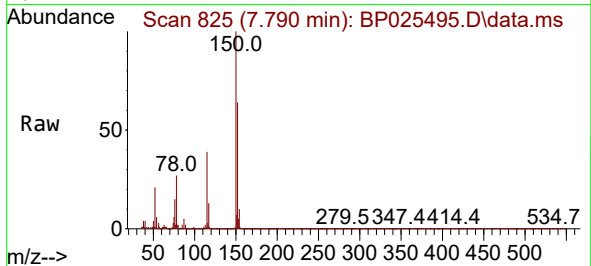




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

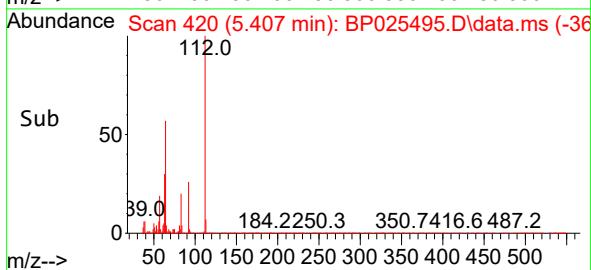
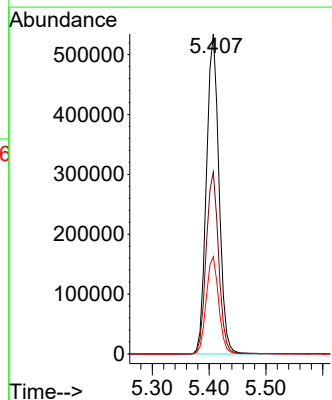
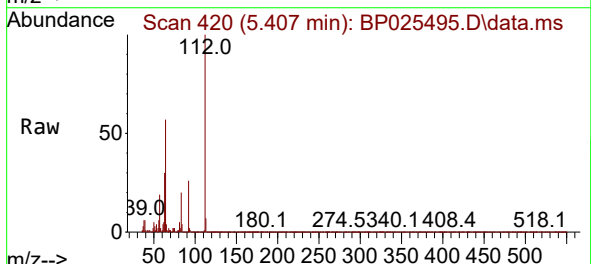
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

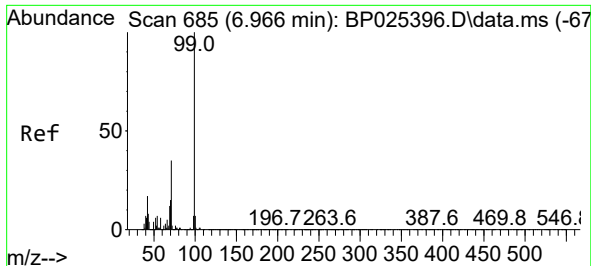
Tgt Ion:152 Resp: 165873
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 61.8 48.5 72.7



#5
2-Fluorophenol
Concen: 81.764 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

Tgt Ion:112 Resp: 816670
Ion Ratio Lower Upper
112 100
64 56.9 43.8 65.8
63 30.4 22.7 34.1



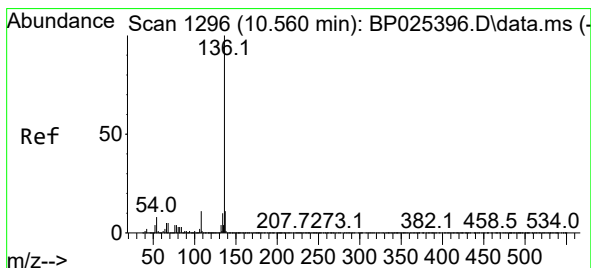
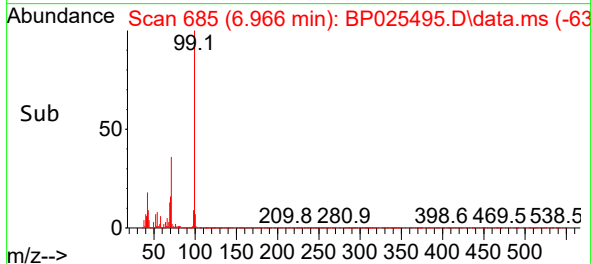
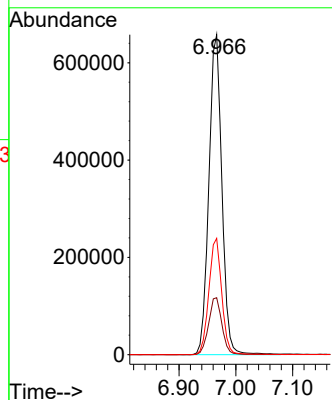
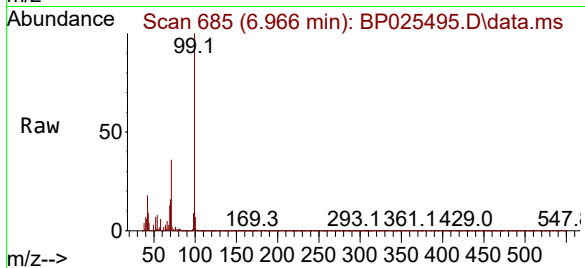


#7
Phenol-d6
Concen: 81.229 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

Tgt Ion: 99 Resp: 1040195

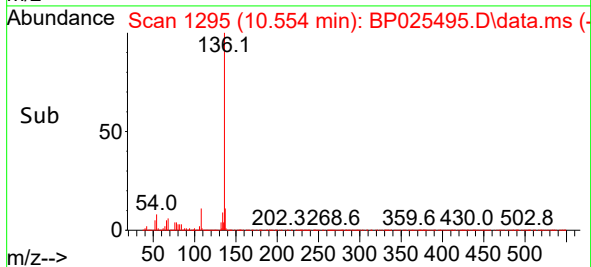
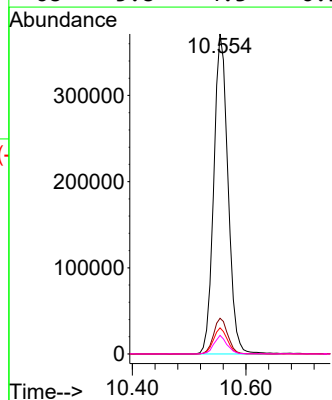
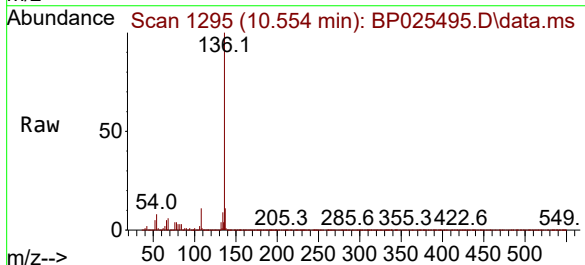
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	36.4	28.2	42.4

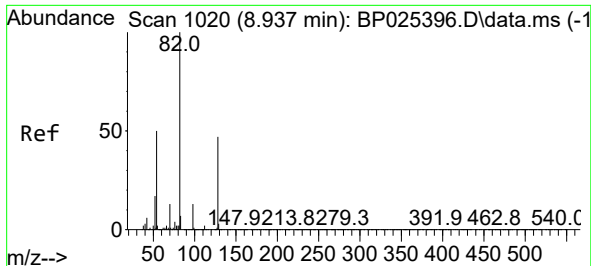


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

Tgt Ion: 136 Resp: 644354

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.2	6.0	9.0
68	5.8	4.3	6.5

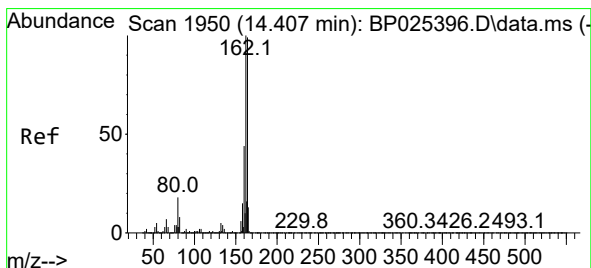
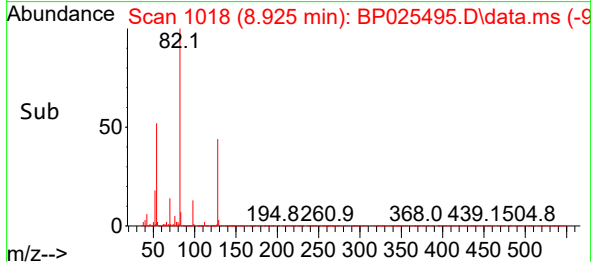
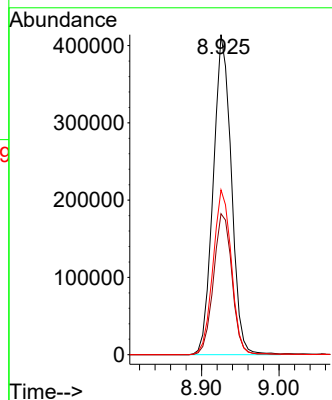
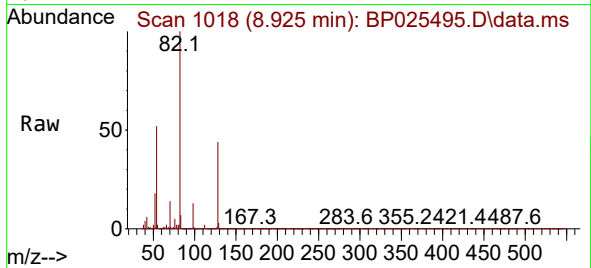




#23
Nitrobenzene-d5
Concen: 52.781 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

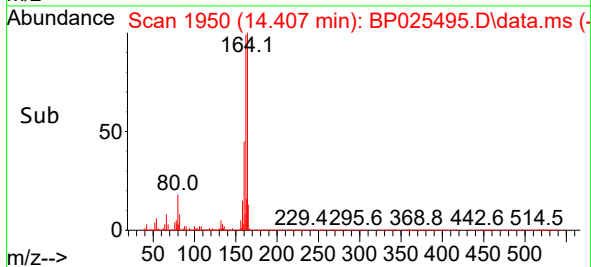
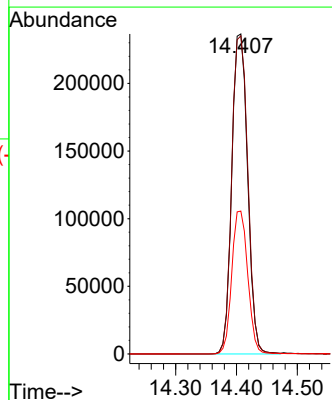
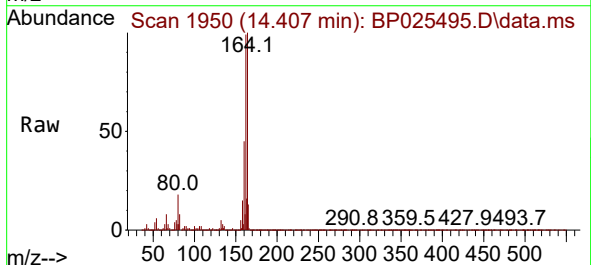
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

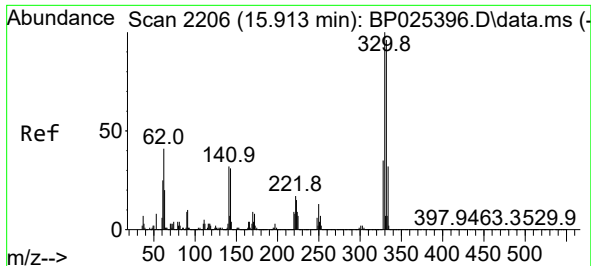
Tgt Ion: 82 Resp: 672314
Ion Ratio Lower Upper
82 100
128 44.1 37.7 56.5
54 51.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

Tgt Ion: 164 Resp: 426233
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 44.7 35.4 53.2

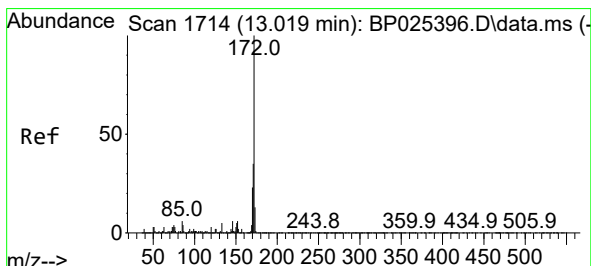
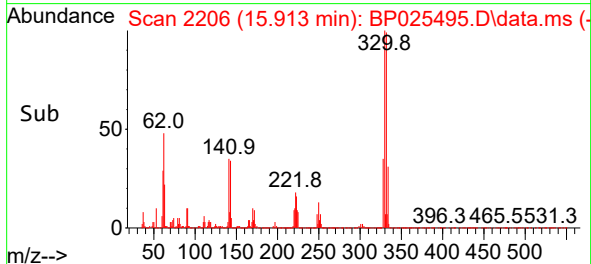
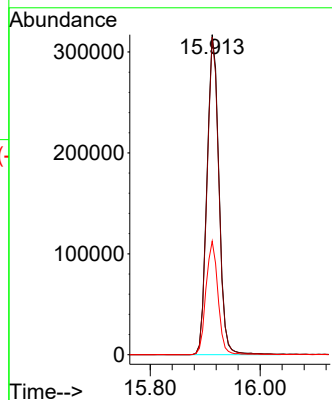
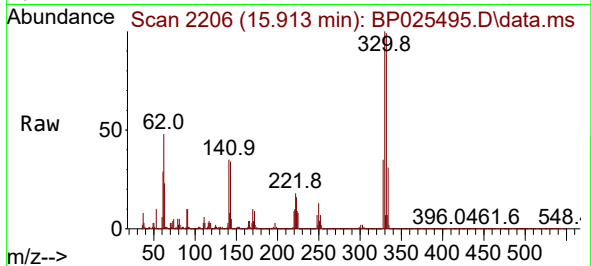




#42
2,4,6-Tribromophenol
Concen: 83.413 ng
RT: 15.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

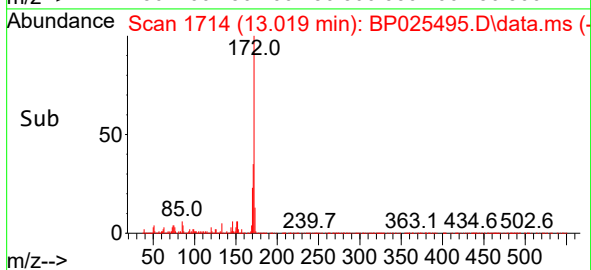
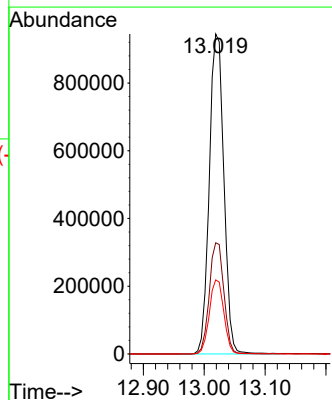
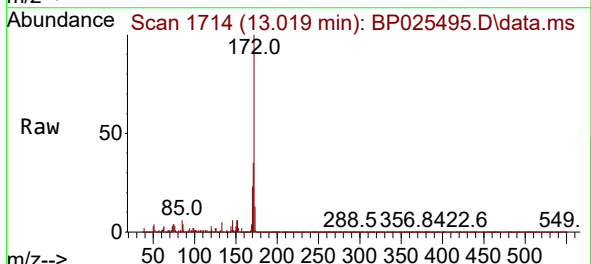
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ClientSampleId :
DRILL CUTTING 4-6 COMP

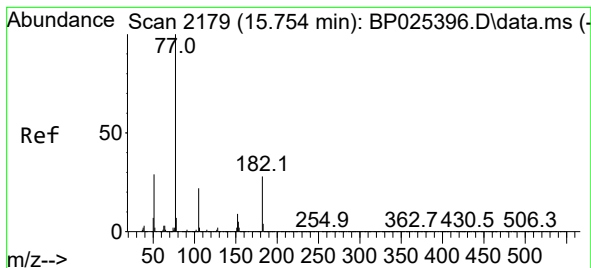
Tgt Ion:330 Resp: 478552
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 35.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 50.360 ng
RT: 13.019 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP025495.D
Acq: 20 Aug 2025 05:13

Tgt Ion:172 Resp: 1570608
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 18.6 28.0





#63

Azobenzene

Concen: 4.068 ng

RT: 15.778 min Scan# 2179

Delta R.T. 0.023 min

Lab File: BP025495.D

Acq: 20 Aug 2025 05:13

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 4-6 COMP

Tgt Ion: 77 Resp: 110479

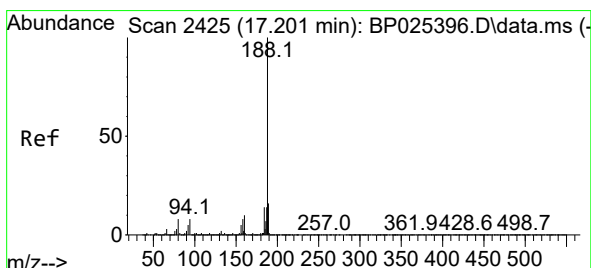
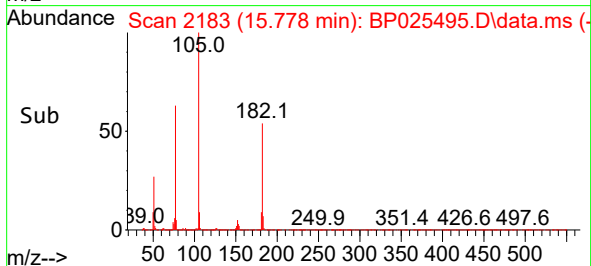
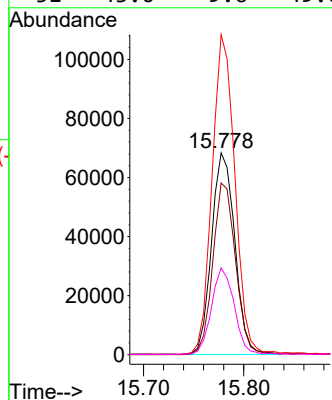
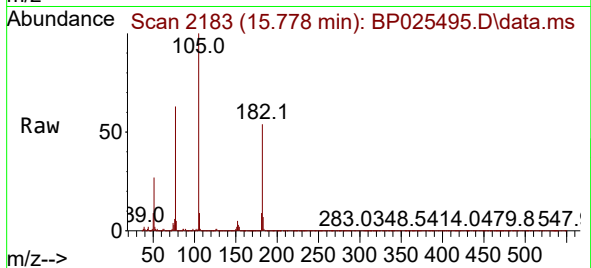
Ion Ratio Lower Upper

77 100

182 85.0 7.5 47.5#

105 158.5 2.1 42.1#

51 43.0 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP025495.D

Acq: 20 Aug 2025 05:13

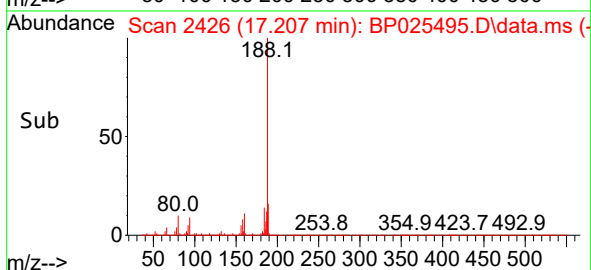
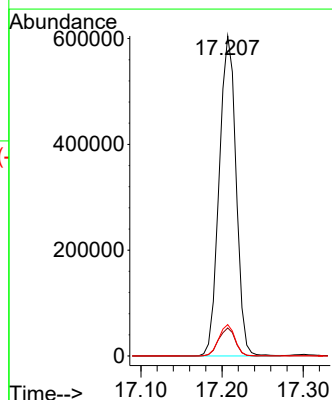
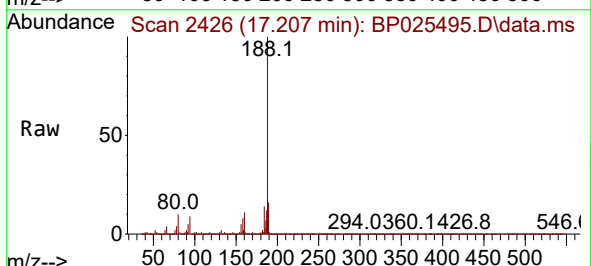
Tgt Ion:188 Resp: 876623

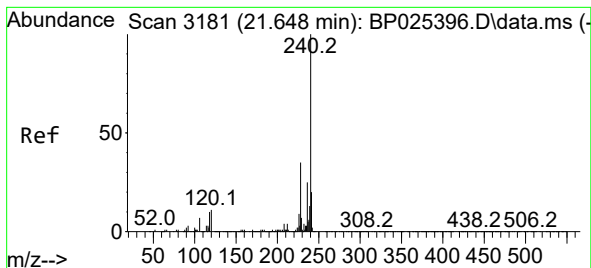
Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3181

Delta R.T. -0.006 min

Lab File: BP025495.D

Acq: 20 Aug 2025 05:13

Instrument :

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ClientSampleId :

DRILL CUTTING 4-6 COMP

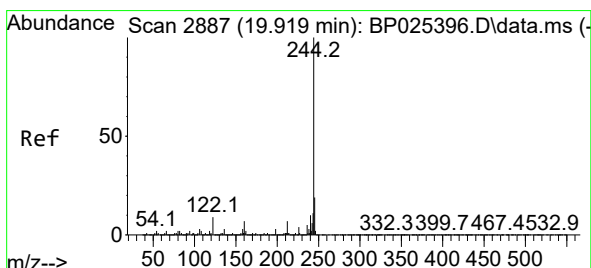
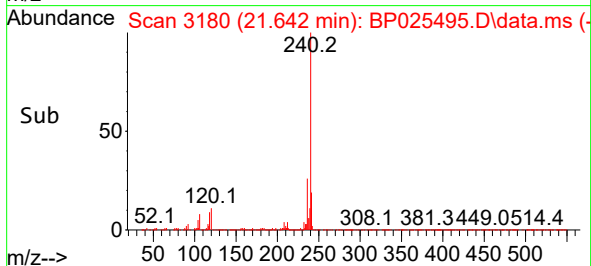
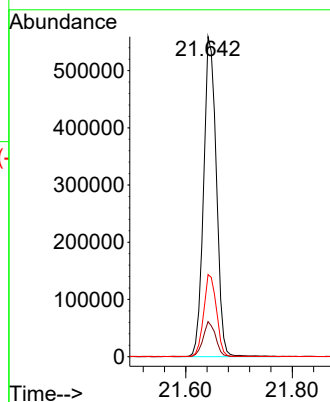
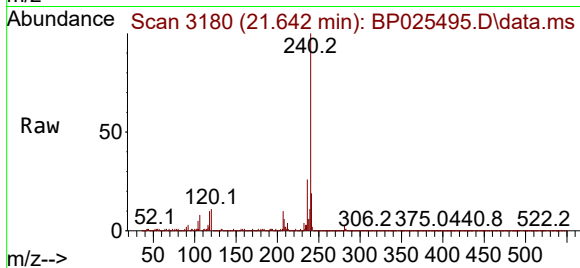
Tgt Ion:240 Resp: 927500

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 49.083 ng

RT: 19.924 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025495.D

Acq: 20 Aug 2025 05:13

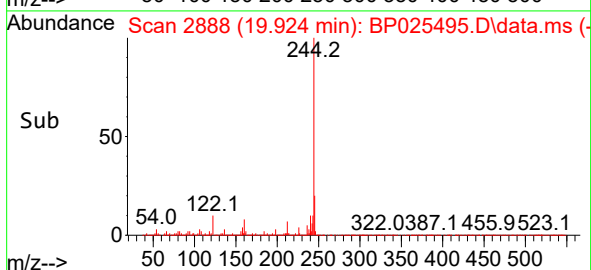
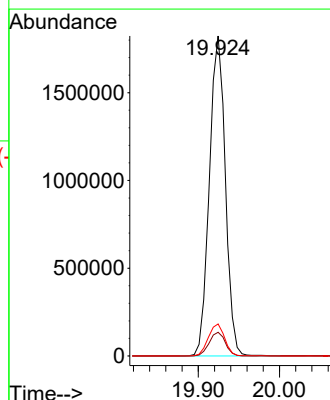
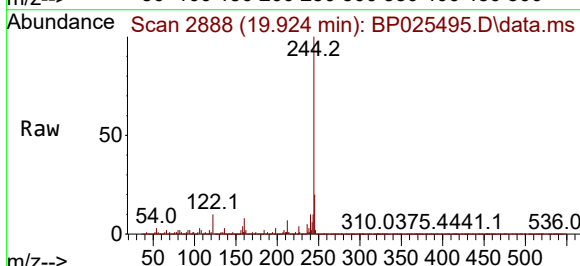
Tgt Ion:244 Resp: 2488282

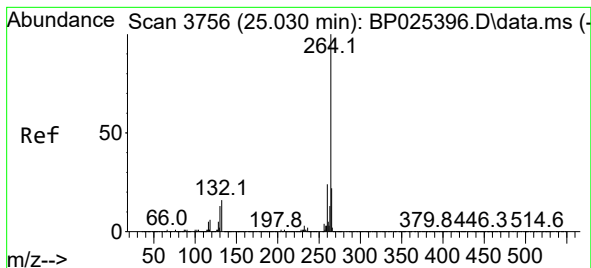
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 10.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025495.D

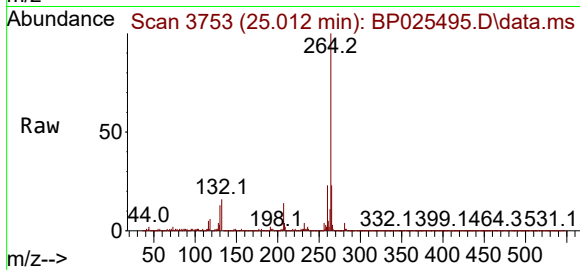
Acq: 20 Aug 2025 05:13

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DRILL CUTTING 4-6 COMP



Tgt Ion:264 Resp: 1020206

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.5 17.4 26.0

