

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025493.D
 Acq On : 20 Aug 2025 03:51
 Operator : CG/JU
 Sample : Q2871-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRILL CUTTING 4-6 COMP

Quant Time: Aug 20 04:24:27 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	138759	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	543428	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	356354	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	786657	20.000	ng	0.00
76) Chrysene-d12	21.648	240	905517	20.000	ng	0.00
86) Perylene-d12	25.007	264	987067	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	731588	87.558	ng	0.00
7) Phenol-d6	6.966	99	932155	87.016	ng	0.00
23) Nitrobenzene-d5	8.931	82	595045	55.390	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	452783	94.398	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1343999	51.545	ng	0.00
79) Terphenyl-d14	19.919	244	2398861	48.468	ng	0.00

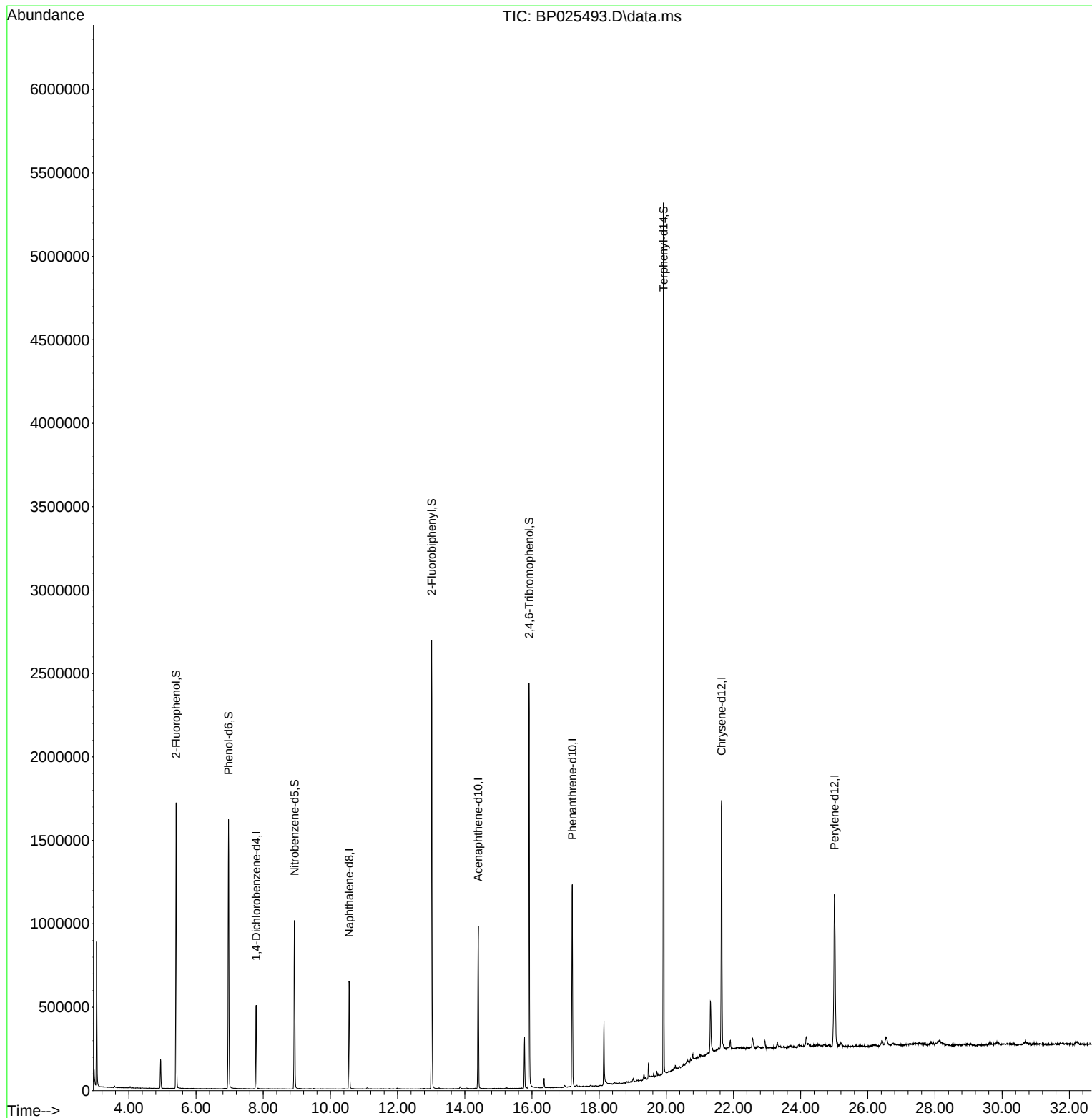
Target Compounds	Qvalue

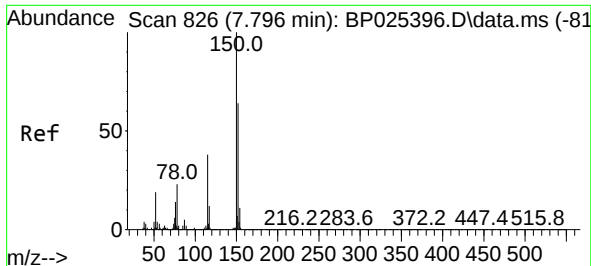
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025493.D
Acq On : 20 Aug 2025 03:51
Operator : CG/JU
Sample : Q2871-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

Quant Time: Aug 20 04:24:27 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

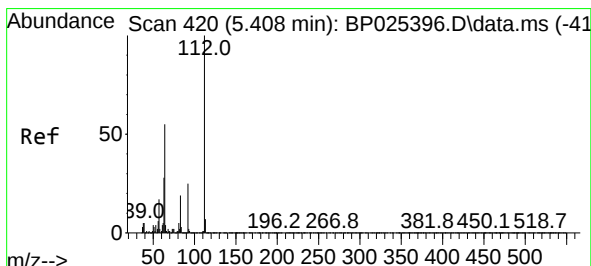
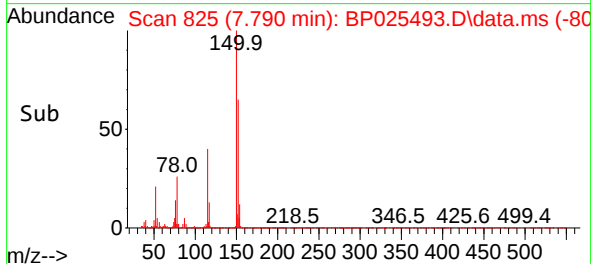
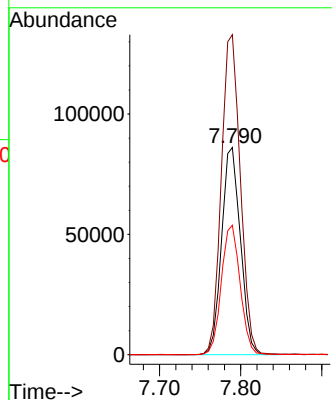
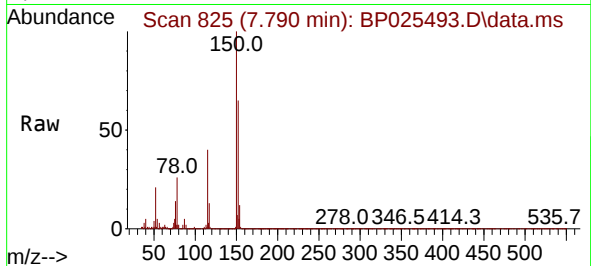




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

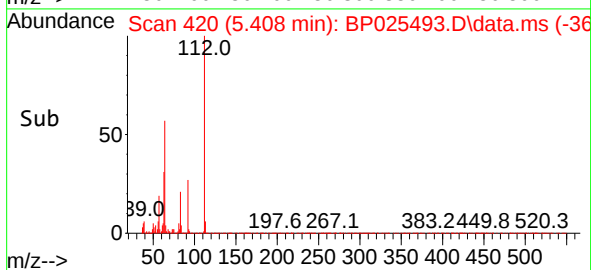
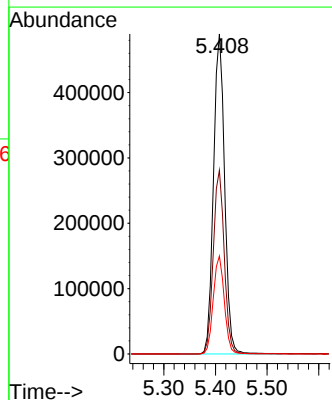
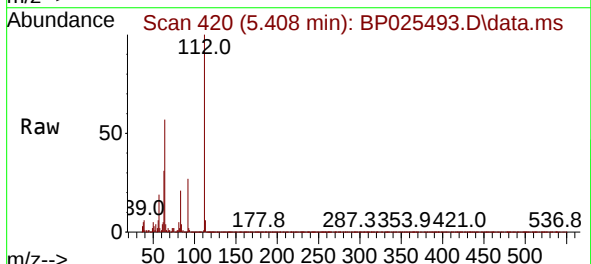
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

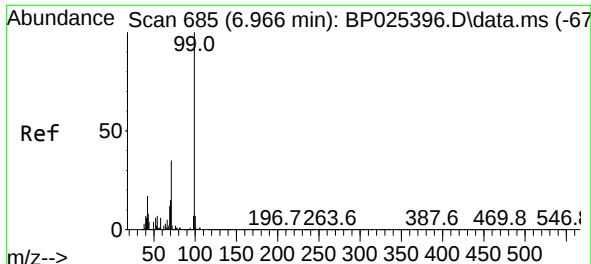
Tgt Ion:152 Resp: 138759
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 87.558 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

Tgt Ion:112 Resp: 731588
Ion Ratio Lower Upper
112 100
64 57.4 43.8 65.8
63 30.6 22.7 34.1

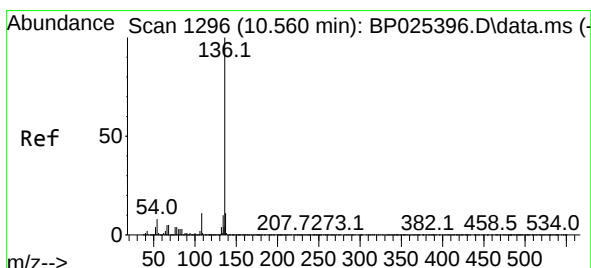
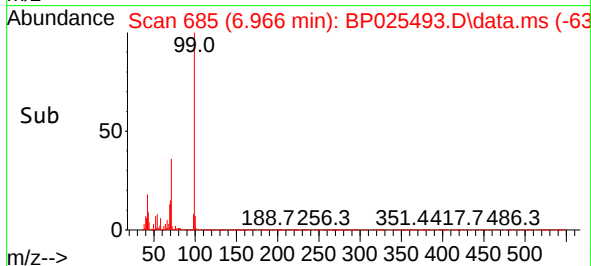
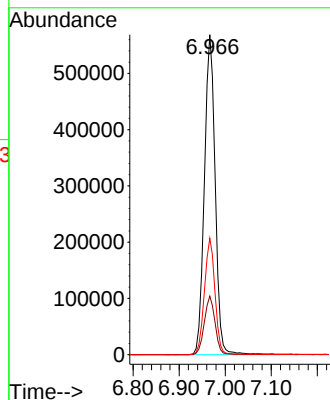
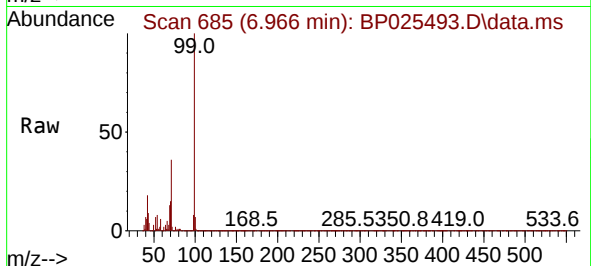




#7
Phenol-d6
Concen: 87.016 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

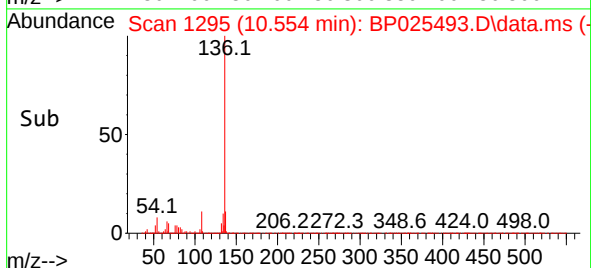
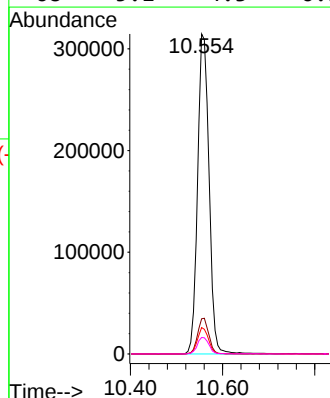
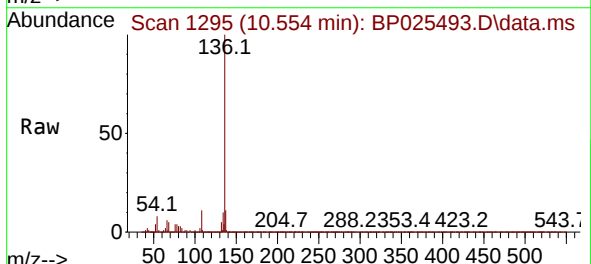
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

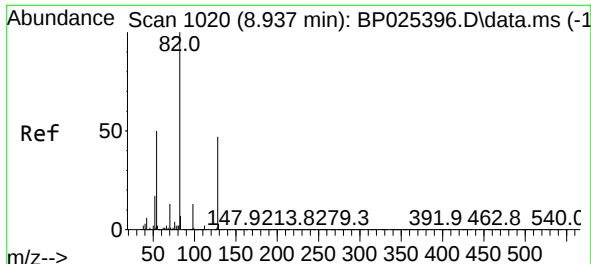
Tgt Ion: 99 Resp: 932155
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 36.4 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

Tgt Ion: 136 Resp: 543428
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.3 6.0 9.0
68 5.1 4.3 6.5

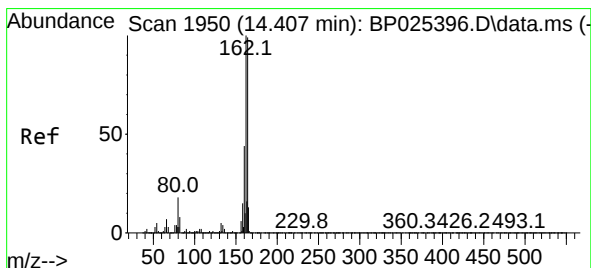
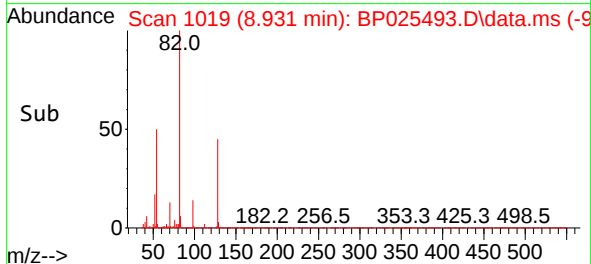
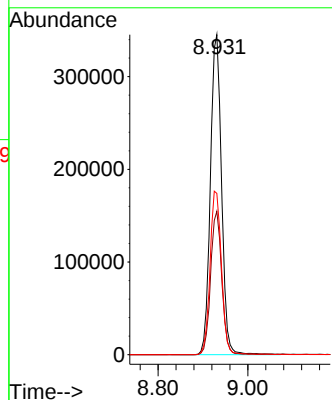
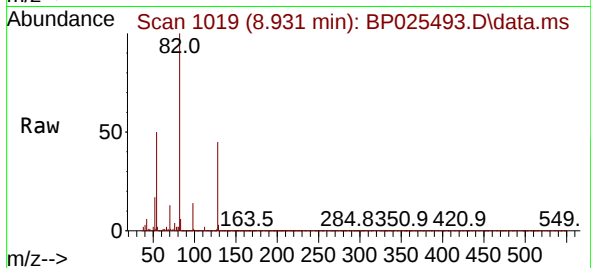




#23
Nitrobenzene-d5
Concen: 55.390 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

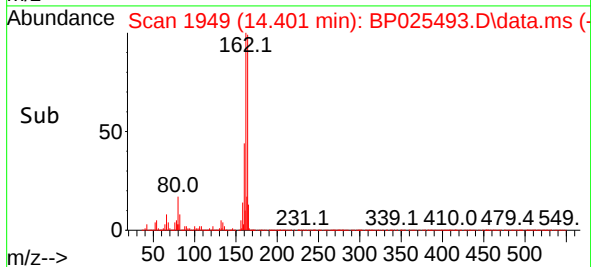
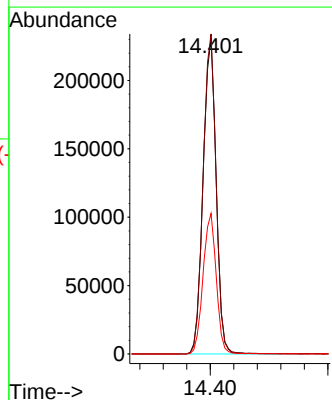
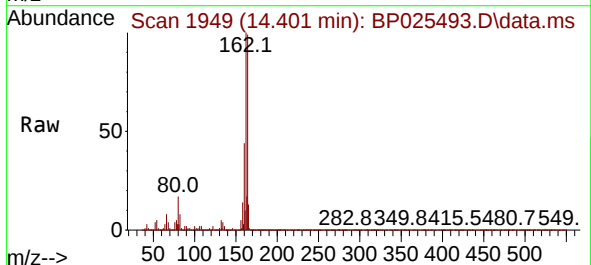
Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

Tgt Ion: 82 Resp: 595045
Ion Ratio Lower Upper
82 100
128 44.8 37.7 56.5
54 50.4 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: BP025493.D
Acq: 20 Aug 2025 03:51

Tgt Ion:164 Resp: 356354
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.6
160 44.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 94.398 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025493.D

Acq: 20 Aug 2025 03:51

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 4-6 COMP

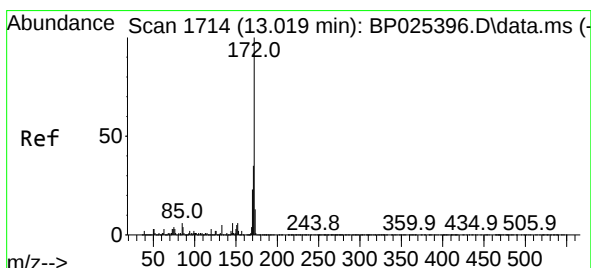
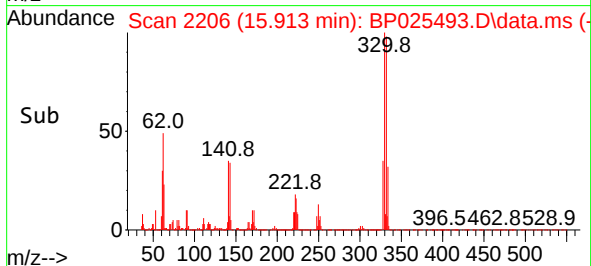
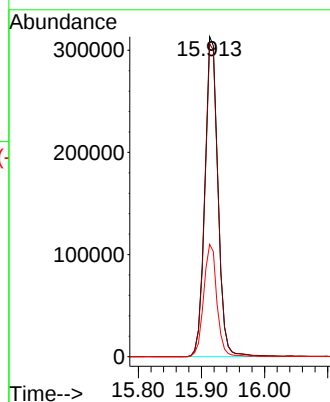
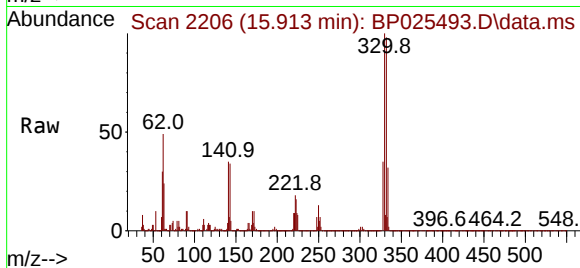
Tgt Ion:330 Resp: 452783

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

141 35.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 51.545 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025493.D

Acq: 20 Aug 2025 03:51

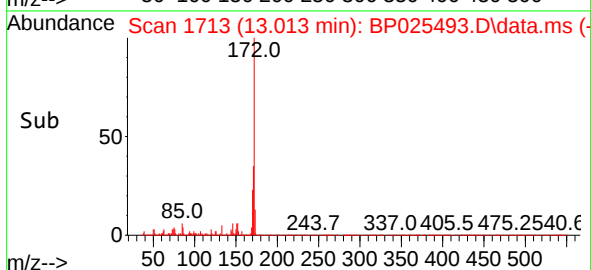
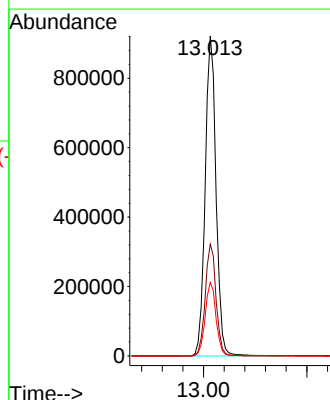
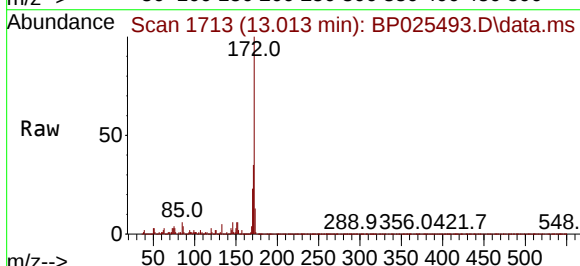
Tgt Ion:172 Resp: 1343999

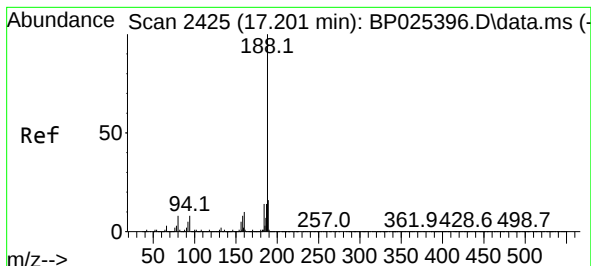
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.9 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: BP025493.D

Acq: 20 Aug 2025 03:51

Instrument :

BNA_P

ClientSampleId :

DRILL CUTTING 4-6 COMP

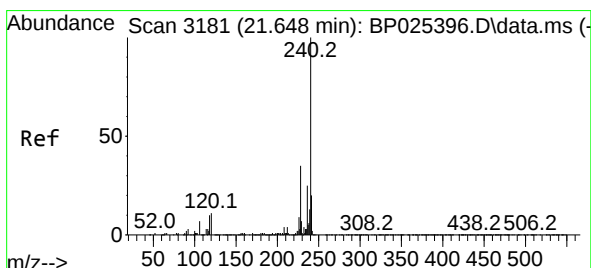
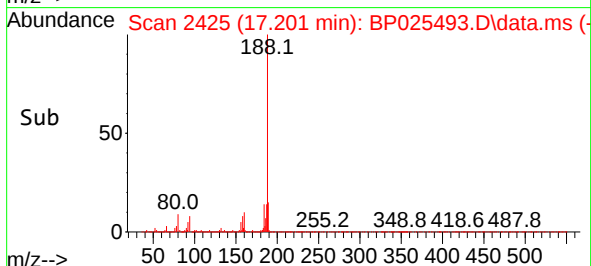
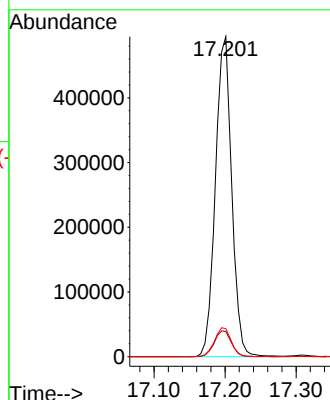
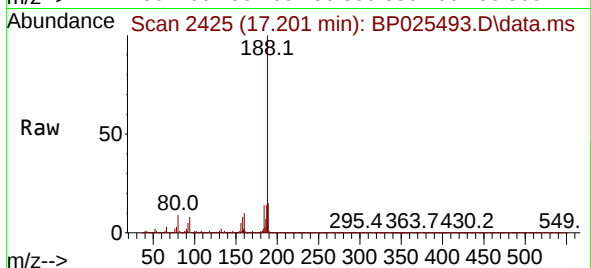
Tgt Ion:188 Resp: 786657

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

80 8.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.648 min Scan# 3181

Delta R.T. 0.000 min

Lab File: BP025493.D

Acq: 20 Aug 2025 03:51

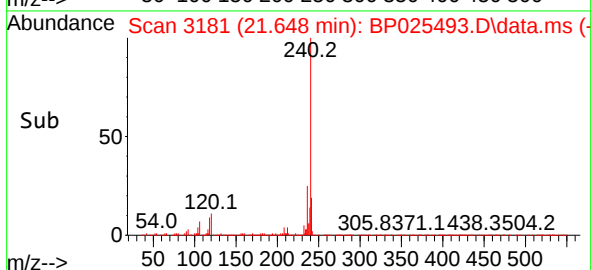
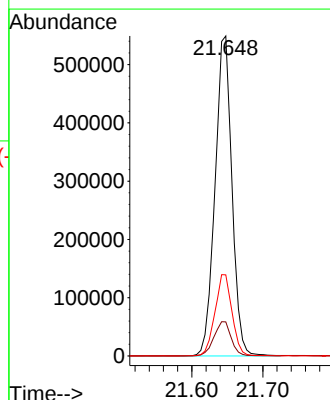
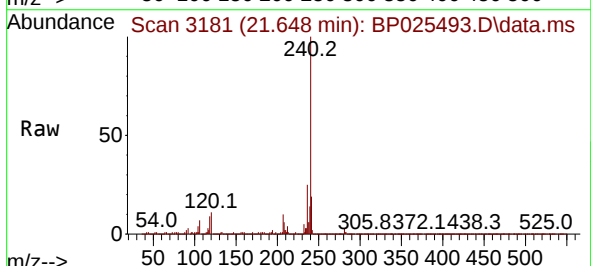
Tgt Ion:240 Resp: 905517

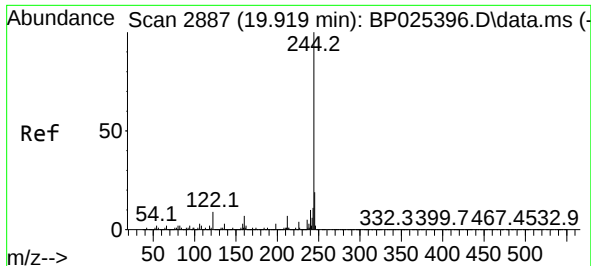
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.3 19.8 29.8

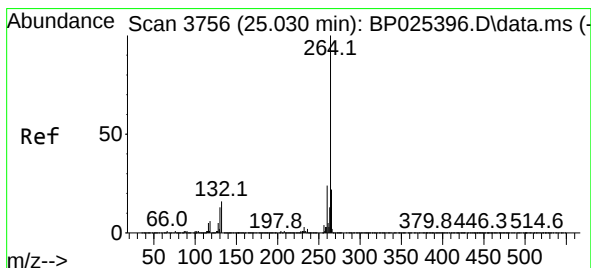
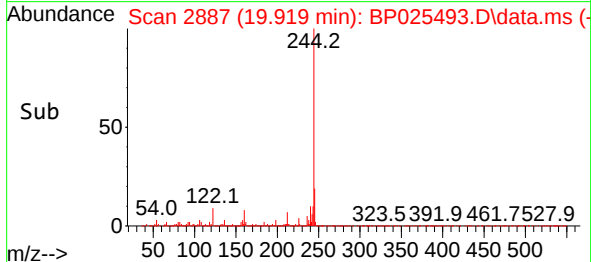
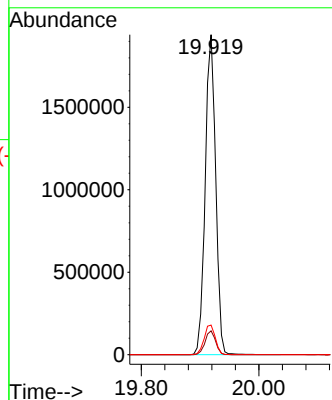
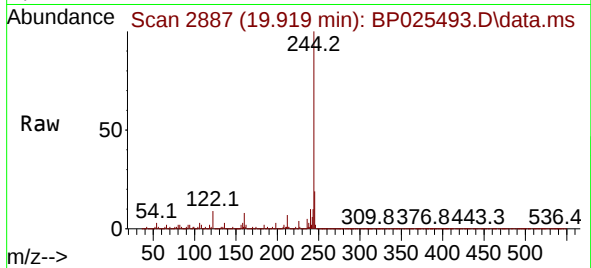




#79
Terphenyl-d14
Concen: 48.468 ng
RT: 19.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

Tgt Ion:244 Resp: 2398861
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.3 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.024 min
Lab File: BP025493.D
Acq: 20 Aug 2025 03:51

Tgt Ion:264 Resp: 987067
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.2 17.4 26.0

