

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025418.D
 Acq On : 15 Aug 2025 07:51
 Operator : CG/JU
 Sample : Q2820-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-W

Quant Time: Aug 15 08:39:25 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	146540	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	583526	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	400529	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	830081	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	923699	20.000	ng	-0.01
86) Perylene-d12	24.989	264	1026007	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	654709	74.196	ng	0.00
7) Phenol-d6	6.966	99	856333	75.694	ng	0.00
23) Nitrobenzene-d5	8.925	82	547981	47.504	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	398621	73.940	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1207991	41.219	ng	0.00
79) Terphenyl-d14	19.913	244	2080616	41.211	ng	0.00

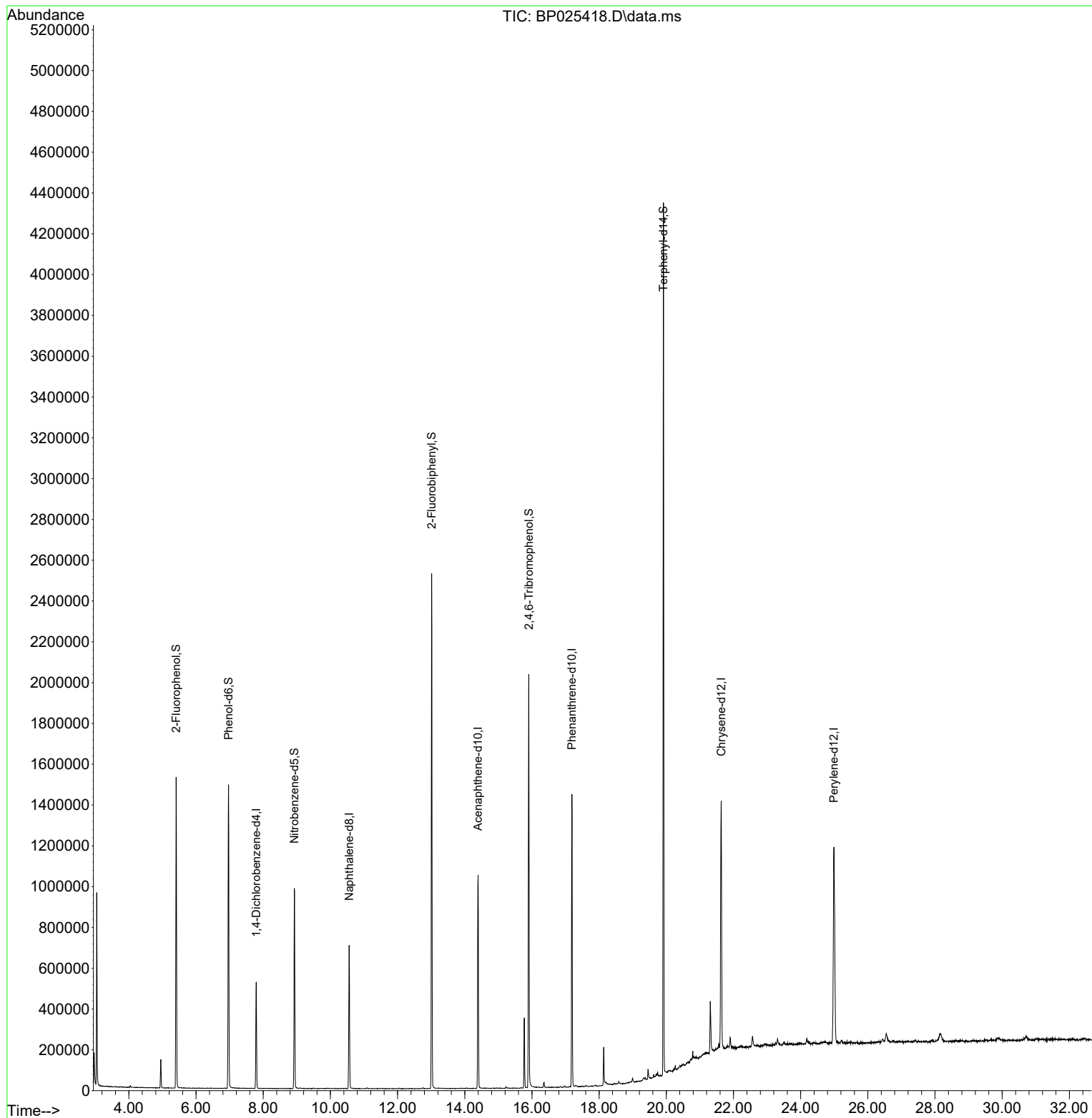
Target Compounds	Qvalue

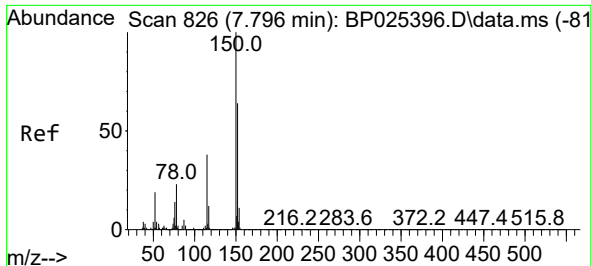
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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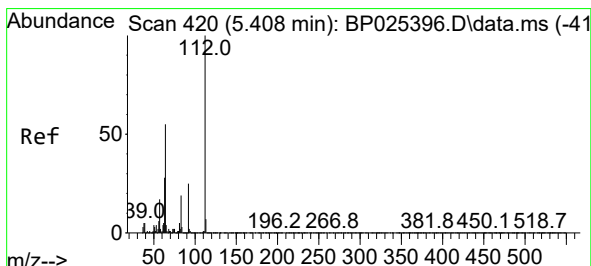
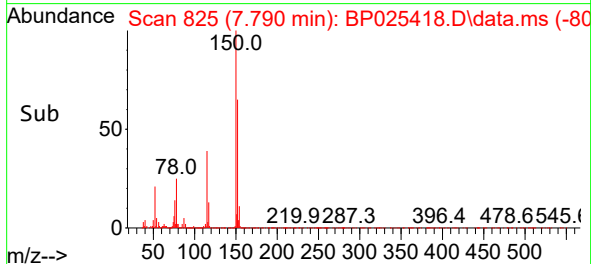
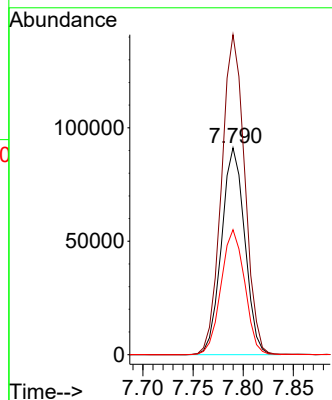
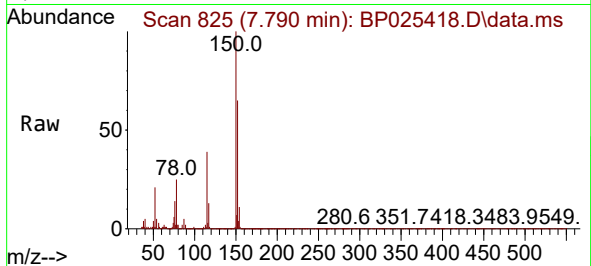




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

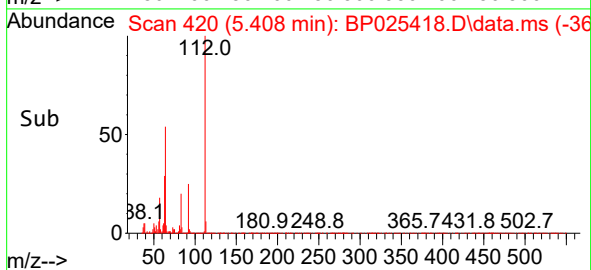
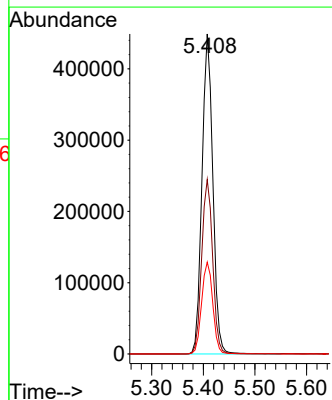
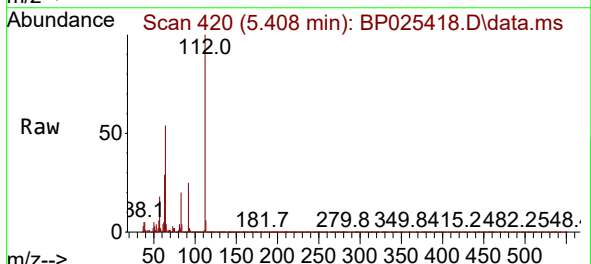
Instrument :
BNA_P
ClientSampleId :
88H-W

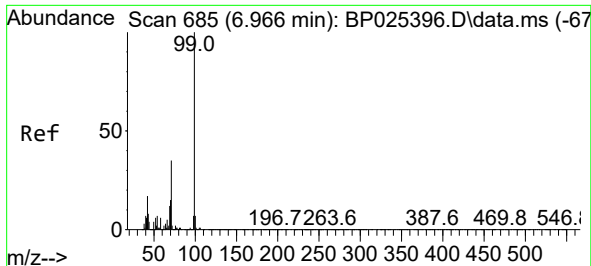
Tgt Ion:152 Resp: 146540
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 60.4 48.5 72.7



#5
2-Fluorophenol
Concen: 74.196 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

Tgt Ion:112 Resp: 654709
Ion Ratio Lower Upper
112 100
64 54.5 43.8 65.8
63 28.7 22.7 34.1

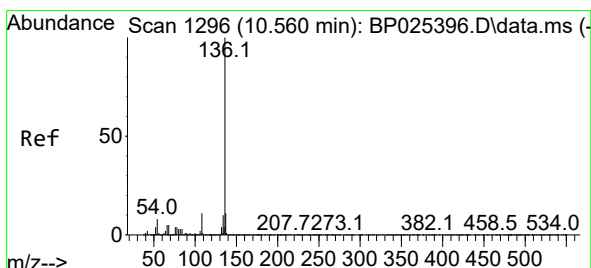
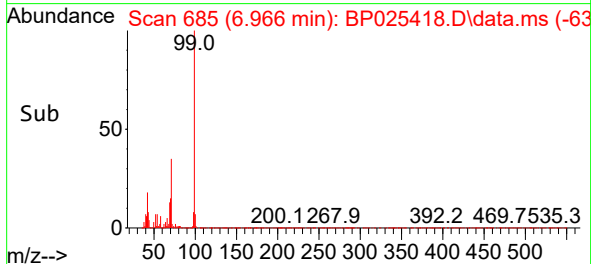
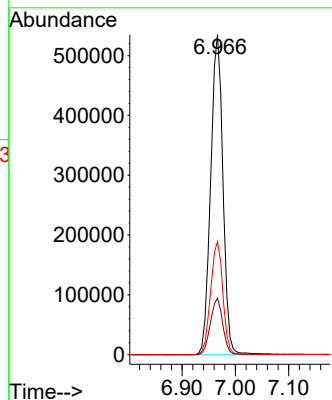
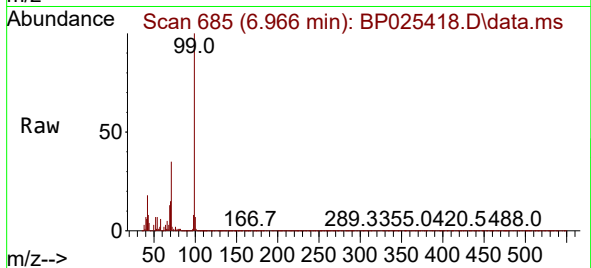




#7
Phenol-d6
Concen: 75.694 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

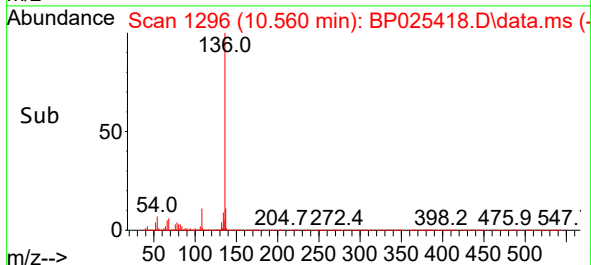
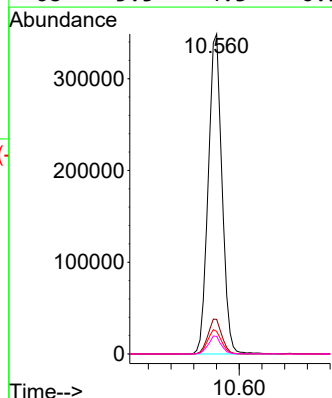
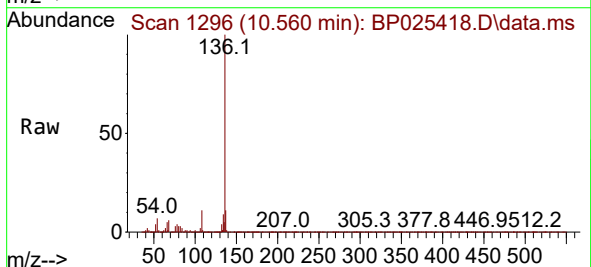
Instrument :
BNA_P
ClientSampleId :
88H-W

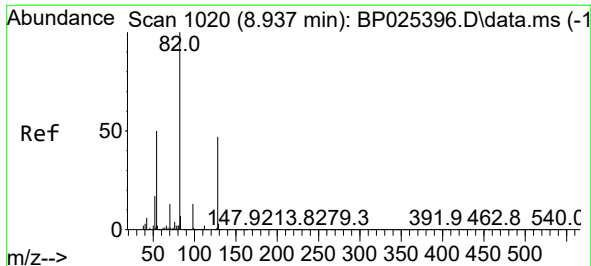
Tgt Ion: 99 Resp: 856333
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

Tgt Ion: 136 Resp: 583526
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.0 6.0 9.0
68 5.5 4.3 6.5

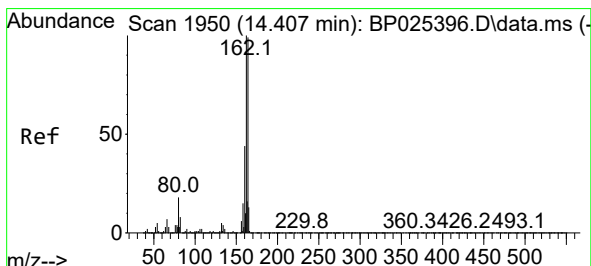
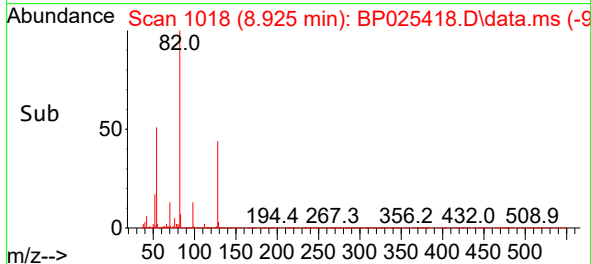
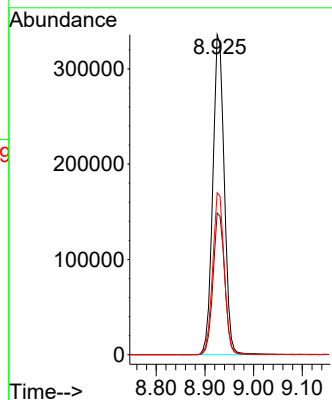
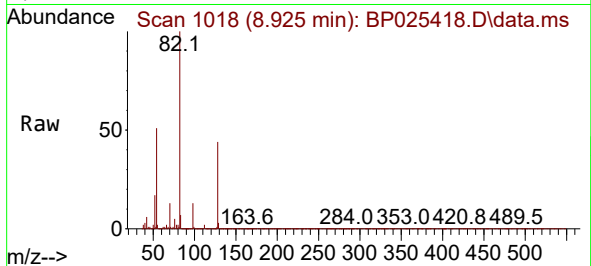




#23
Nitrobenzene-d5
Concen: 47.504 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

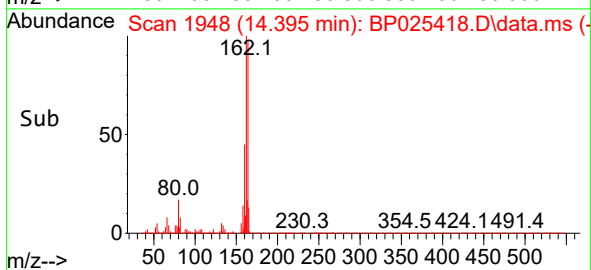
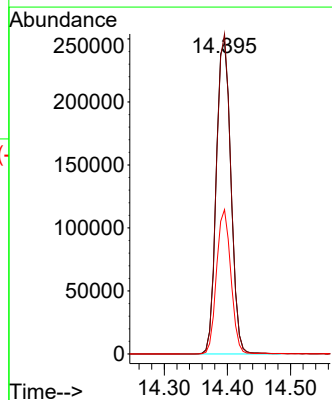
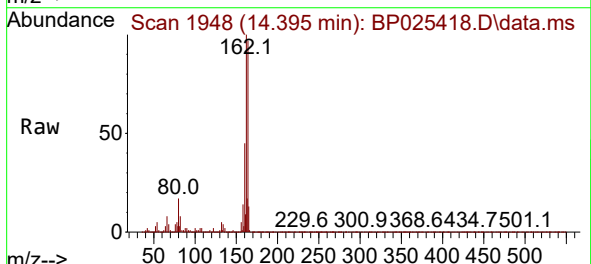
Instrument :
BNA_P
ClientSampleId :
88H-W

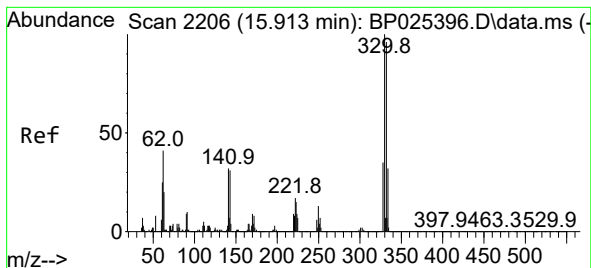
Tgt Ion: 82 Resp: 547981
Ion Ratio Lower Upper
82 100
128 44.2 37.7 56.5
54 50.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

Tgt Ion:164 Resp: 400529
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.6
160 46.3 35.4 53.2

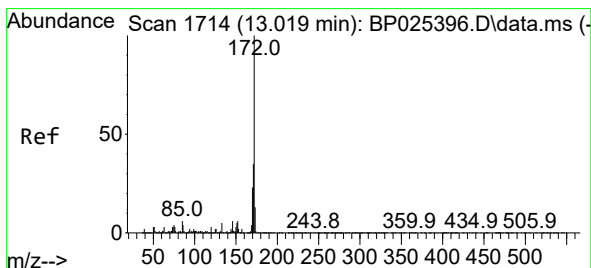
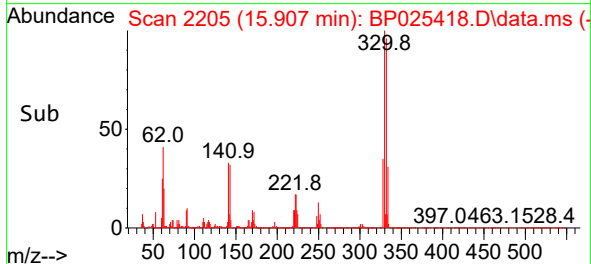
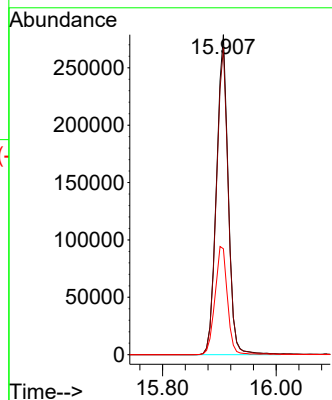
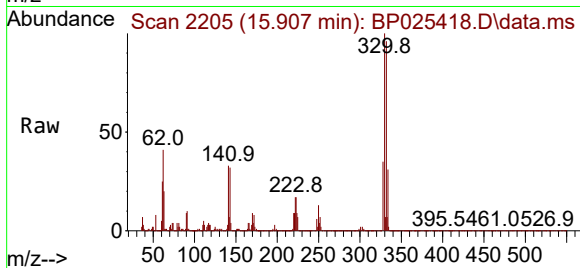




#42
2,4,6-Tribromophenol
Concen: 73.940 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

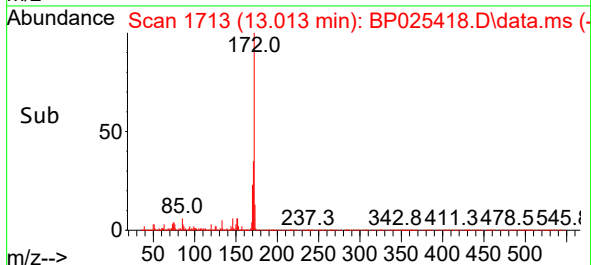
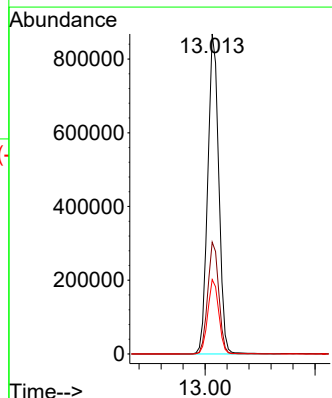
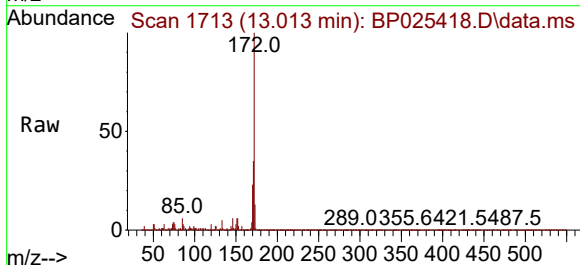
Instrument :
BNA_P
ClientSampleId :
88H-W

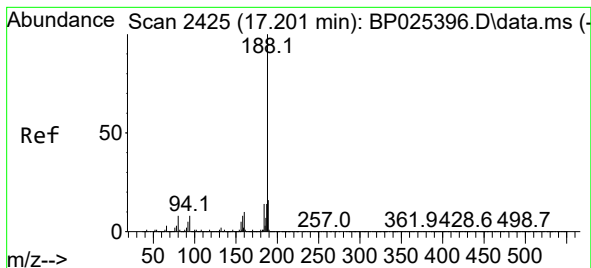
Tgt Ion:330 Resp: 398621
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 36.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 41.219 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025418.D
Acq: 15 Aug 2025 07:51

Tgt Ion:172 Resp: 1207991
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025418.D

Acq: 15 Aug 2025 07:51

Instrument :

BNA_P

ClientSampleId :

88H-W

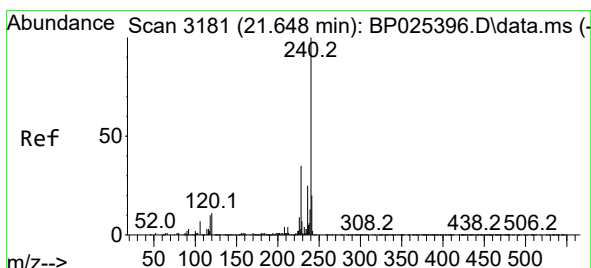
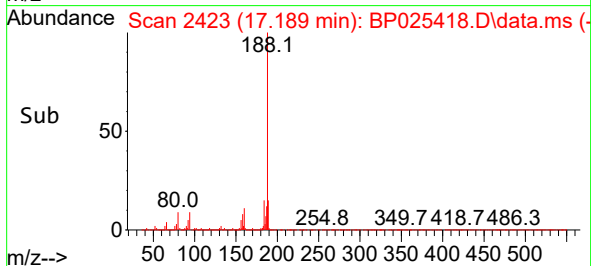
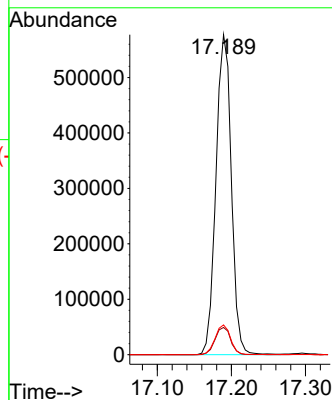
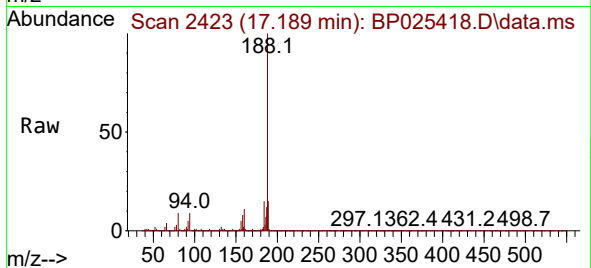
Tgt Ion:188 Resp: 830081

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.3 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: BP025418.D

Acq: 15 Aug 2025 07:51

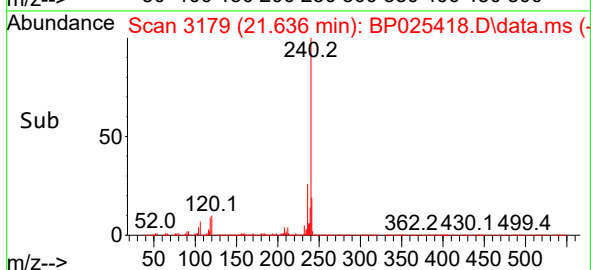
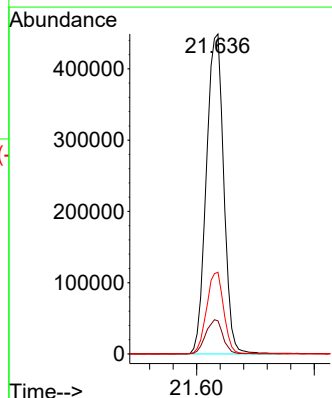
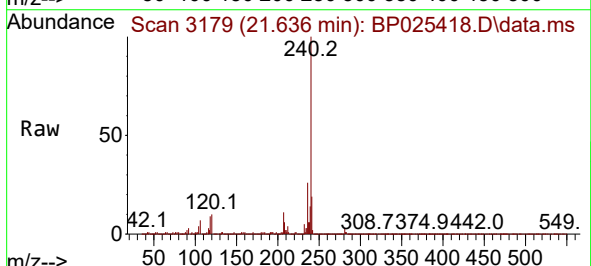
Tgt Ion:240 Resp: 923699

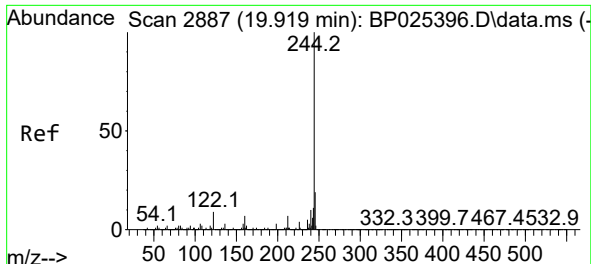
Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 25.6 19.8 29.8

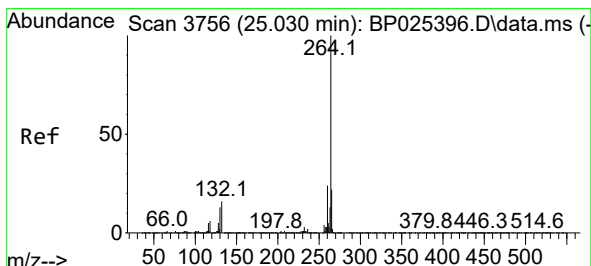
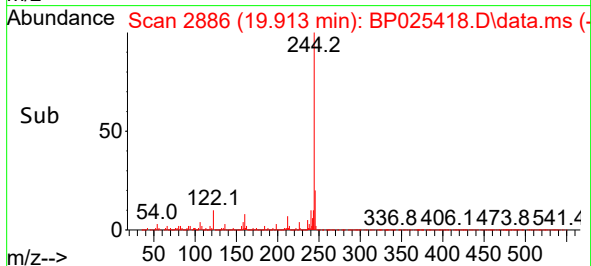
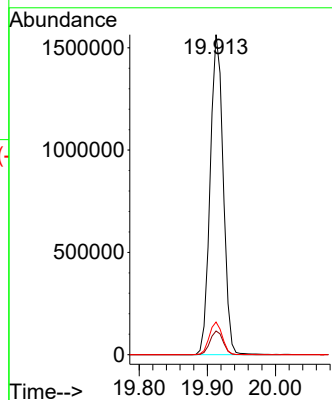
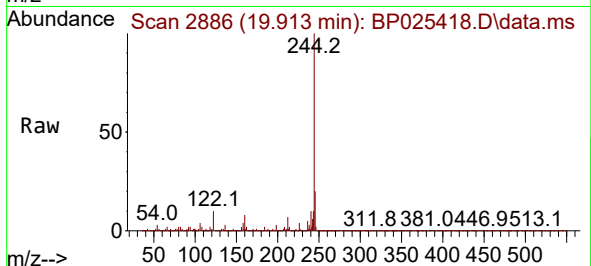




#79
 Terphenyl-d14
 Concen: 41.211 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025418.D
 Acq: 15 Aug 2025 07:51

Instrument :
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 ClientSampleId :
 88H-W

Tgt Ion:244 Resp: 2080616
 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: BP025418.D
 Acq: 15 Aug 2025 07:51

Tgt Ion:264 Resp: 1026007
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.3 17.4 26.0

