

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025410.D
 Acq On : 15 Aug 2025 02:22
 Operator : CG/JU
 Sample : Q2820-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22M-N

Quant Time: Aug 15 05:04:03 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	132261	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	525320	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	350732	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	741199	20.000	ng	0.00
76) Chrysene-d12	21.636	240	856544	20.000	ng	-0.01
86) Perylene-d12	25.006	264	990692	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	561530	70.507	ng	0.00
7) Phenol-d6	6.966	99	721723	70.683	ng	0.00
23) Nitrobenzene-d5	8.925	82	450791	43.409	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	336656	71.312	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1027616	40.043	ng	0.00
79) Terphenyl-d14	19.918	244	1809516	38.651	ng	0.00

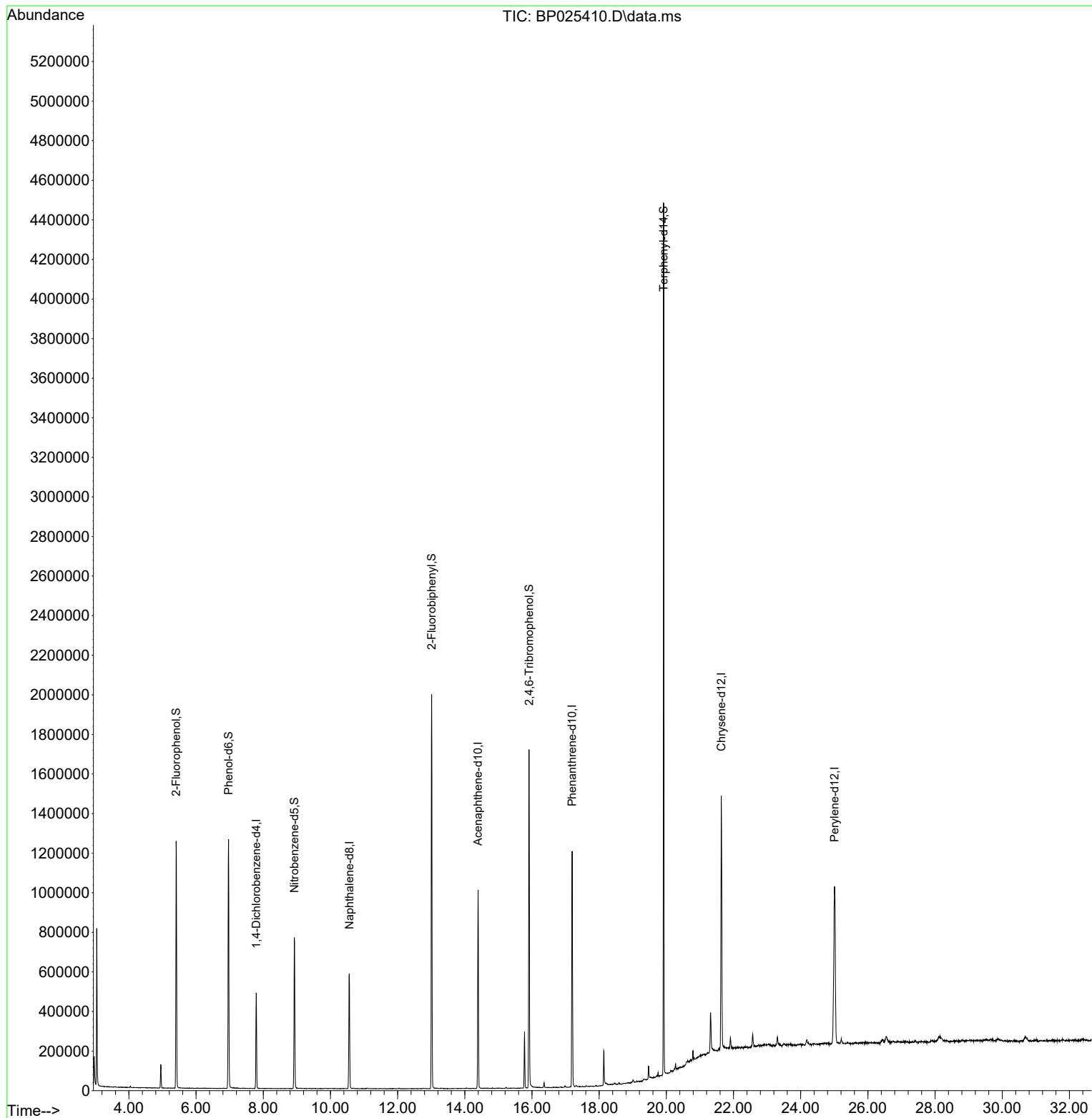
Target Compounds	Qvalue

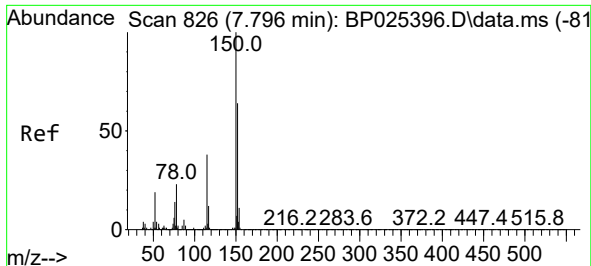
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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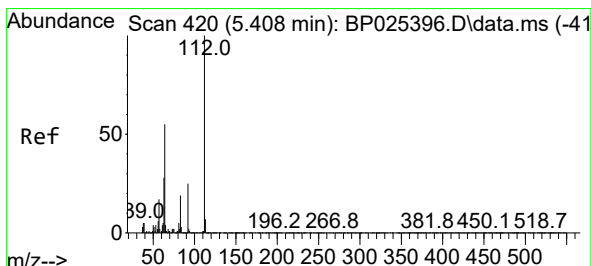
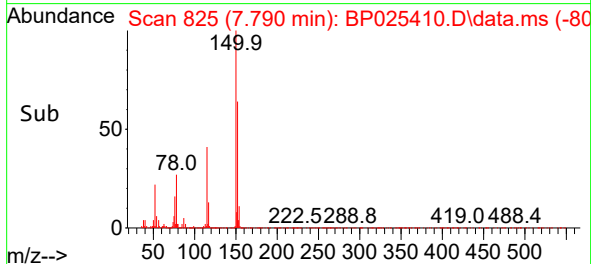
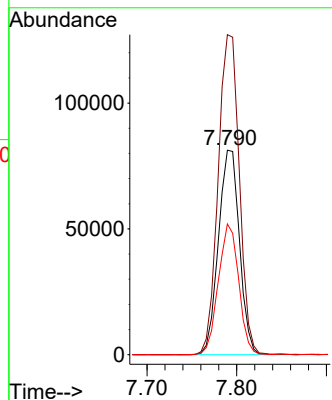
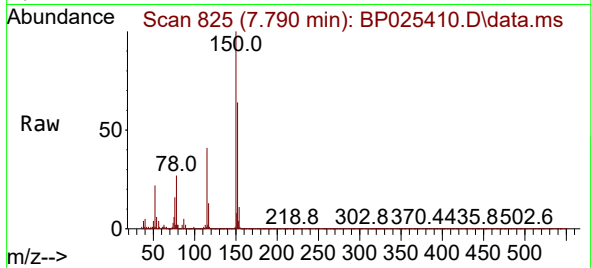




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

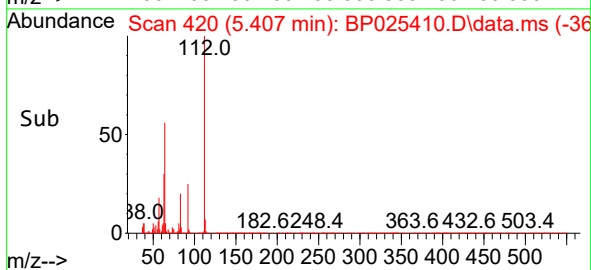
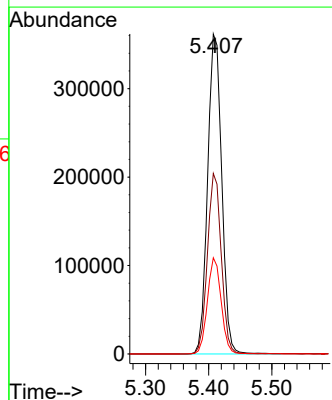
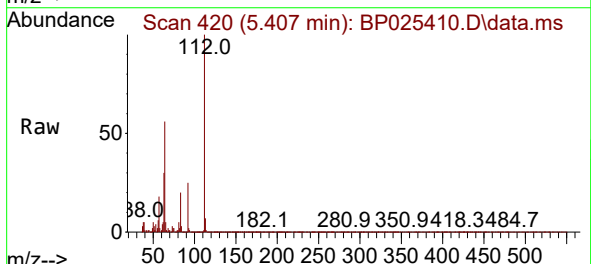
Instrument :
BNA_P
ClientSampleId :
22M-N

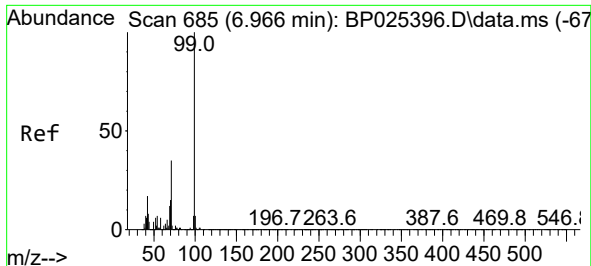
Tgt Ion:152 Resp: 132261
Ion Ratio Lower Upper
152 100
150 156.5 125.9 188.9
115 63.9 48.5 72.7



#5
2-Fluorophenol
Concen: 70.507 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

Tgt Ion:112 Resp: 561530
Ion Ratio Lower Upper
112 100
64 56.4 43.8 65.8
63 30.0 22.7 34.1

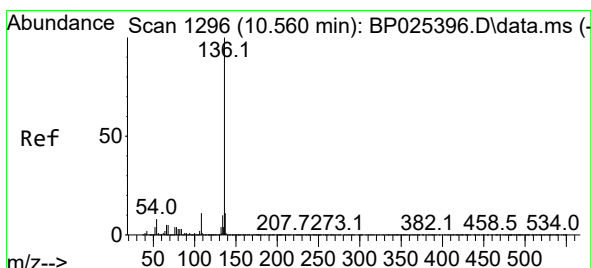
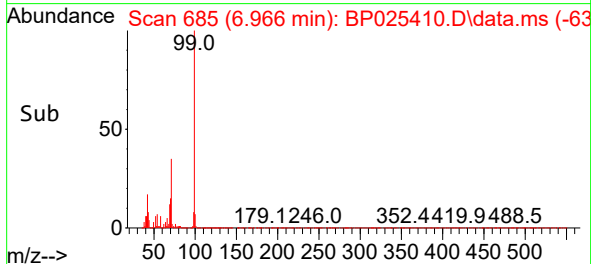
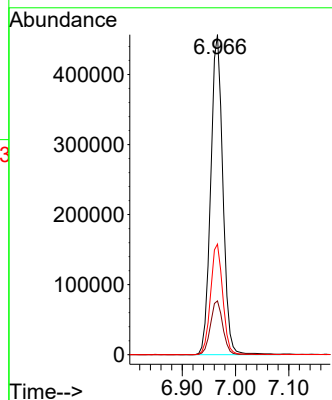
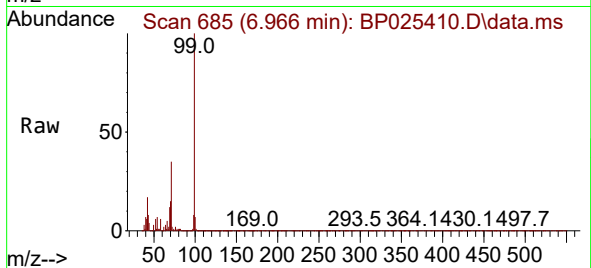




#7
Phenol-d6
Concen: 70.683 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

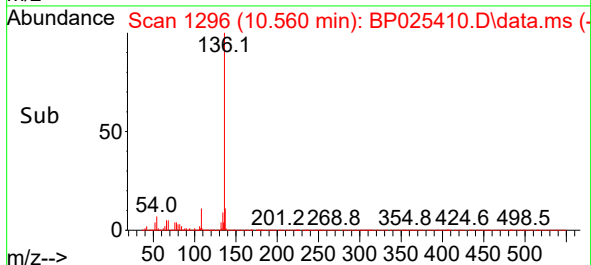
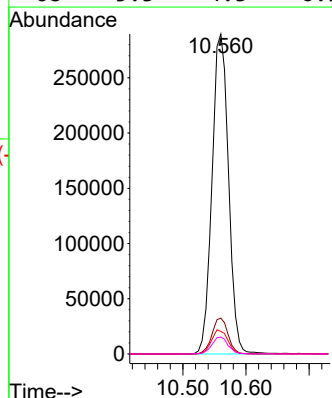
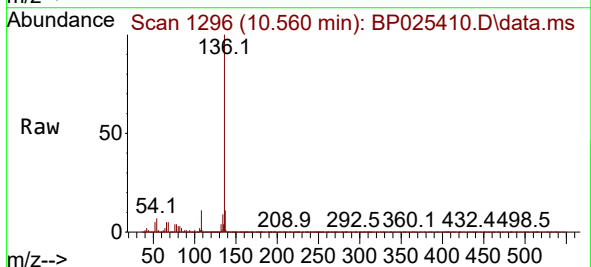
Instrument :
BNA_P
ClientSampleId :
22M-N

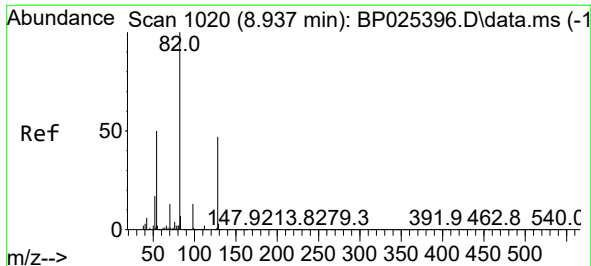
Tgt Ion: 99 Resp: 721723
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 34.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

Tgt Ion:136 Resp: 525320
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.1 6.0 9.0
68 5.3 4.3 6.5

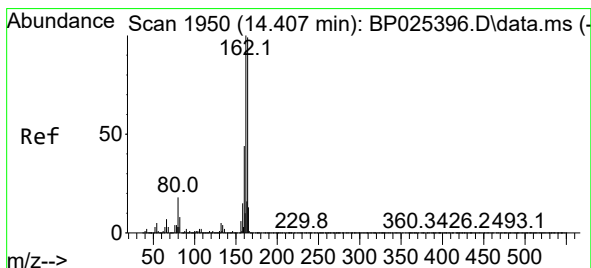
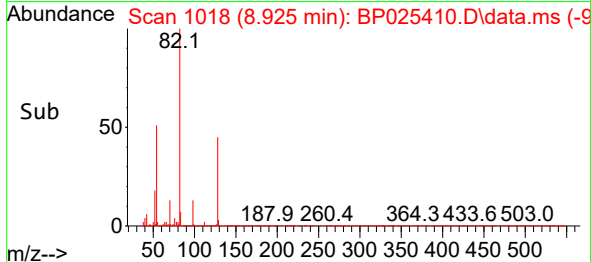
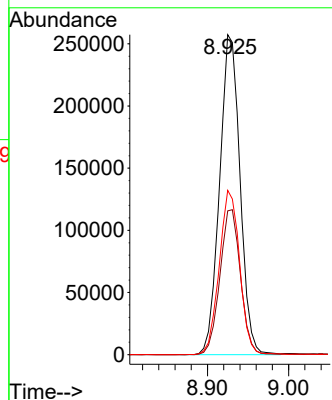
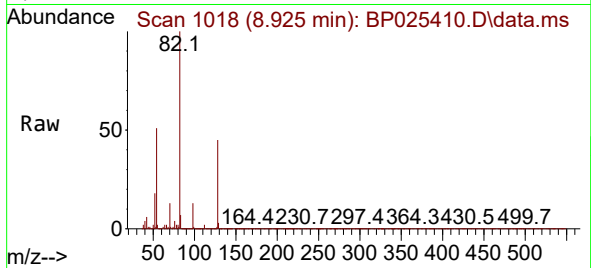




#23
Nitrobenzene-d5
Concen: 43.409 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

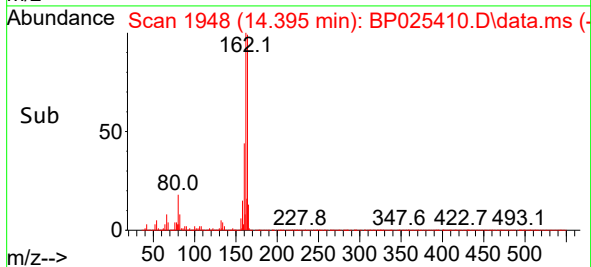
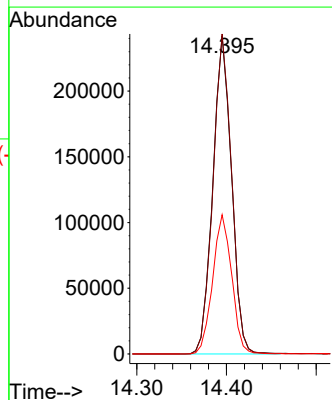
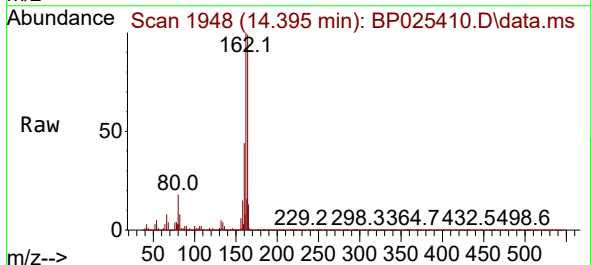
Instrument :
BNA_P
ClientSampleId :
22M-N

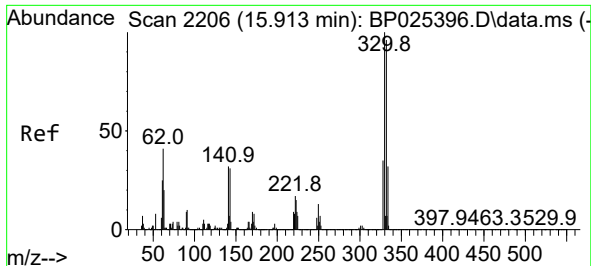
Tgt Ion: 82 Resp: 450791
Ion Ratio Lower Upper
82 100
128 45.0 37.7 56.5
54 51.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

Tgt Ion: 164 Resp: 350732
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.6
160 43.8 35.4 53.2

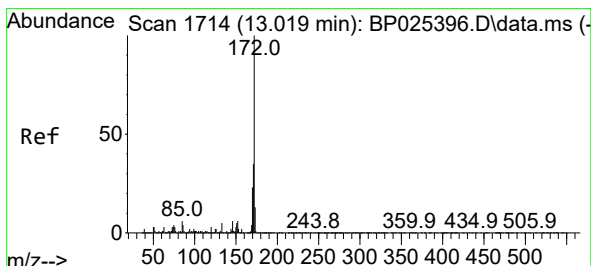
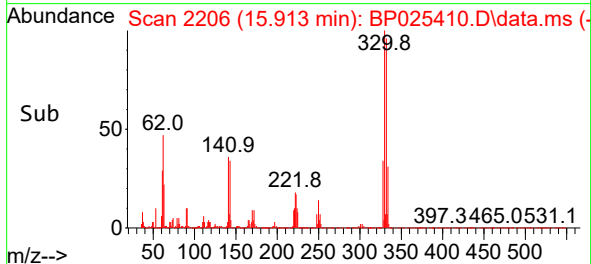
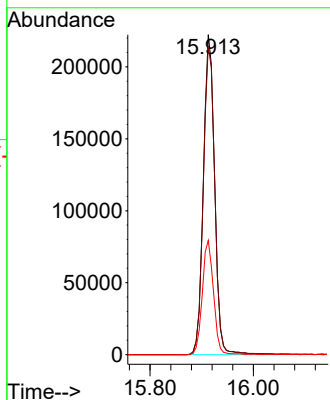
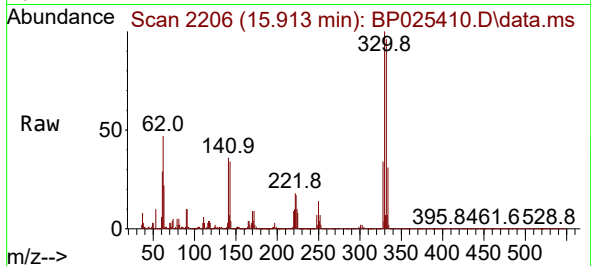




#42
2,4,6-Tribromophenol
Concen: 71.312 ng
RT: 15.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

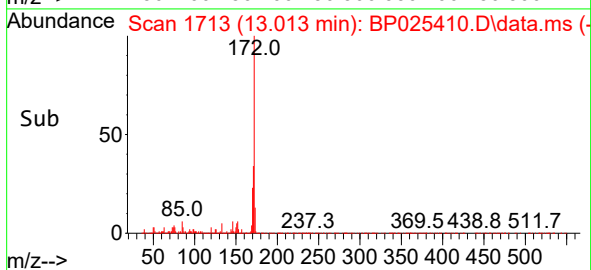
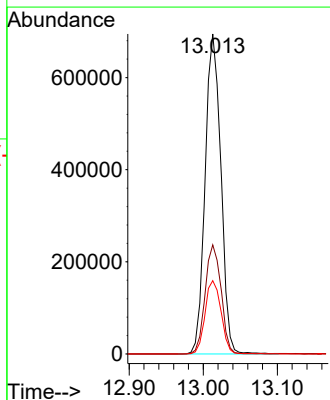
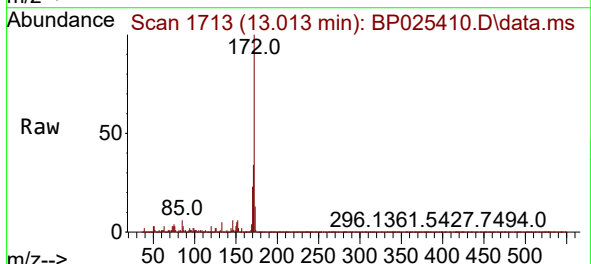
Instrument :
BNA_P
ClientSampleId :
22M-N

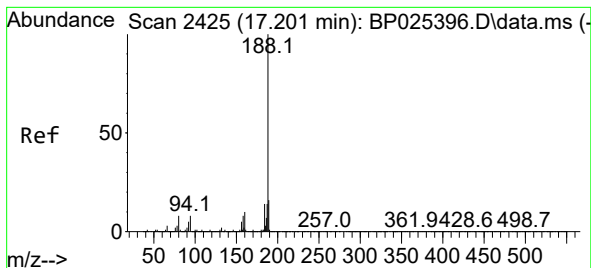
Tgt Ion:330 Resp: 336656
Ion Ratio Lower Upper
330 100
332 98.2 77.3 115.9
141 35.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 40.043 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025410.D
Acq: 15 Aug 2025 02:22

Tgt Ion:172 Resp: 1027616
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 22.9 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BP025410.D

Acq: 15 Aug 2025 02:22

Instrument :

BNA_P

ClientSampleId :

22M-N

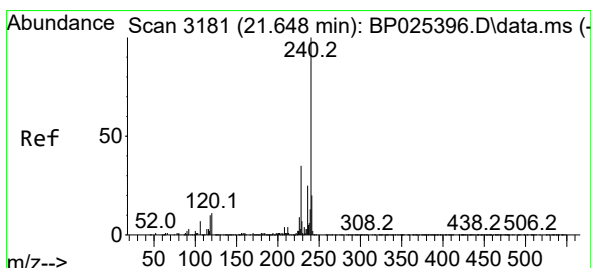
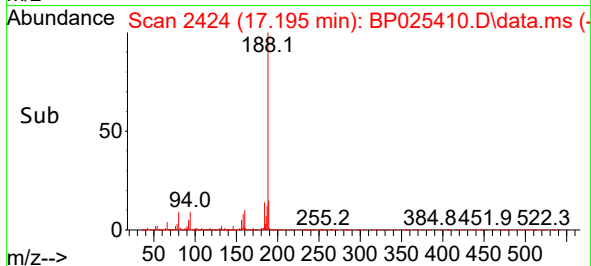
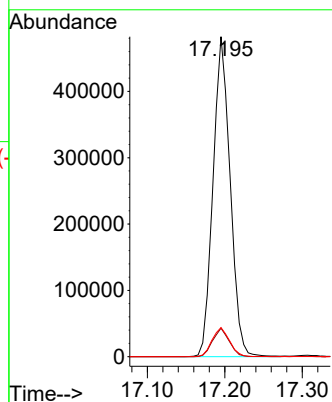
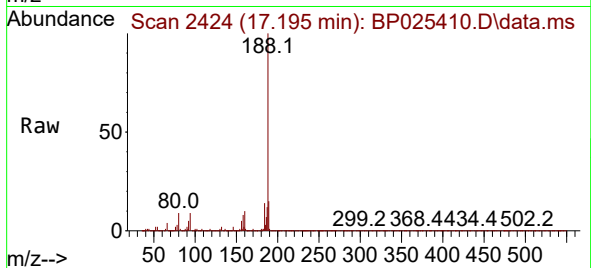
Tgt Ion:188 Resp: 741199

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 9.1 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: BP025410.D

Acq: 15 Aug 2025 02:22

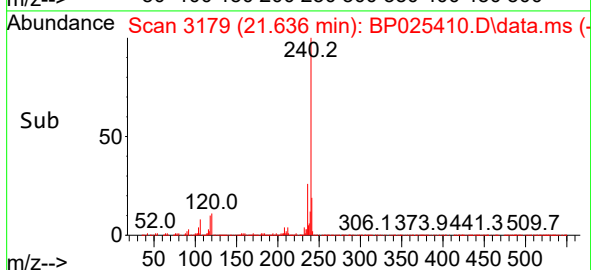
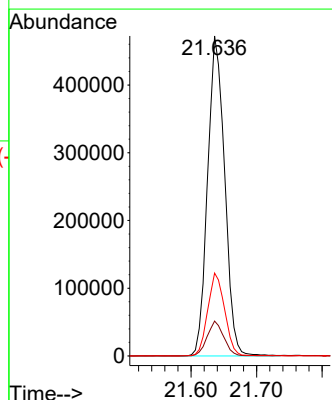
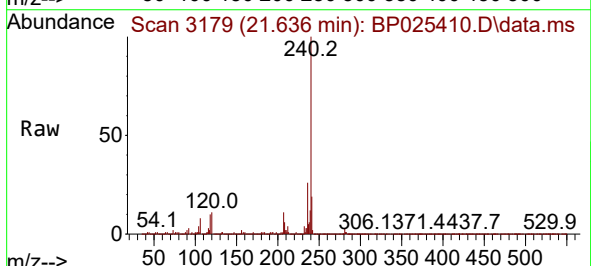
Tgt Ion:240 Resp: 856544

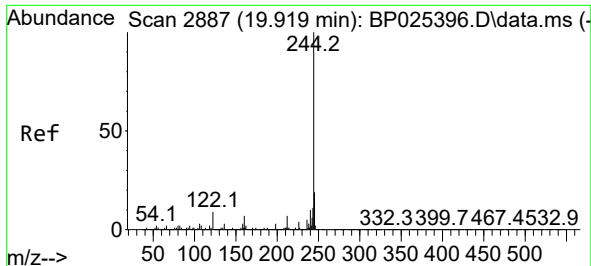
Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.9 19.8 29.8

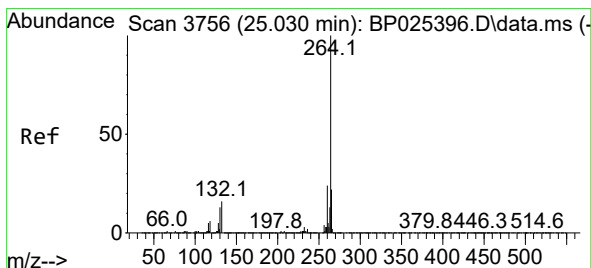
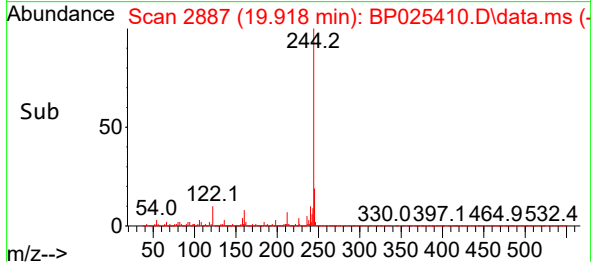
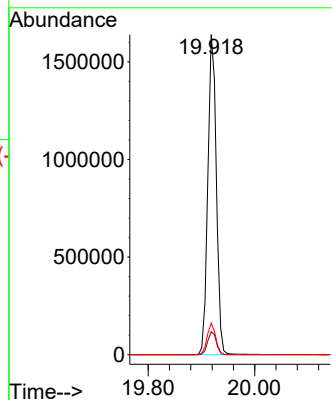
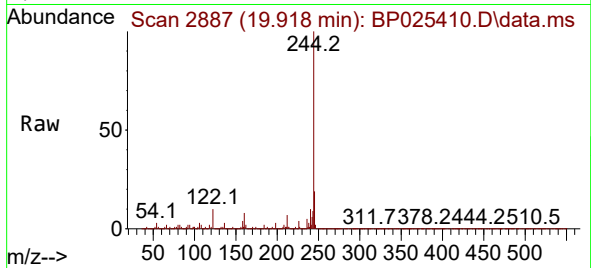




#79
 Terphenyl-d14
 Concen: 38.651 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025410.D
 Acq: 15 Aug 2025 02:22

Instrument :
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 ClientSampleId :
 22M-N

Tgt Ion:244 Resp: 1809516
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.9 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3752
 Delta R.T. -0.024 min
 Lab File: BP025410.D
 Acq: 15 Aug 2025 02:22

Tgt Ion:264 Resp: 990692
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.9 17.4 26.0

