

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025632.D
 Acq On : 29 Aug 2025 19:30
 Operator : CG/JU
 Sample : Q2986-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NORTH-TP-1

Quant Time: Aug 29 22:39:25 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)

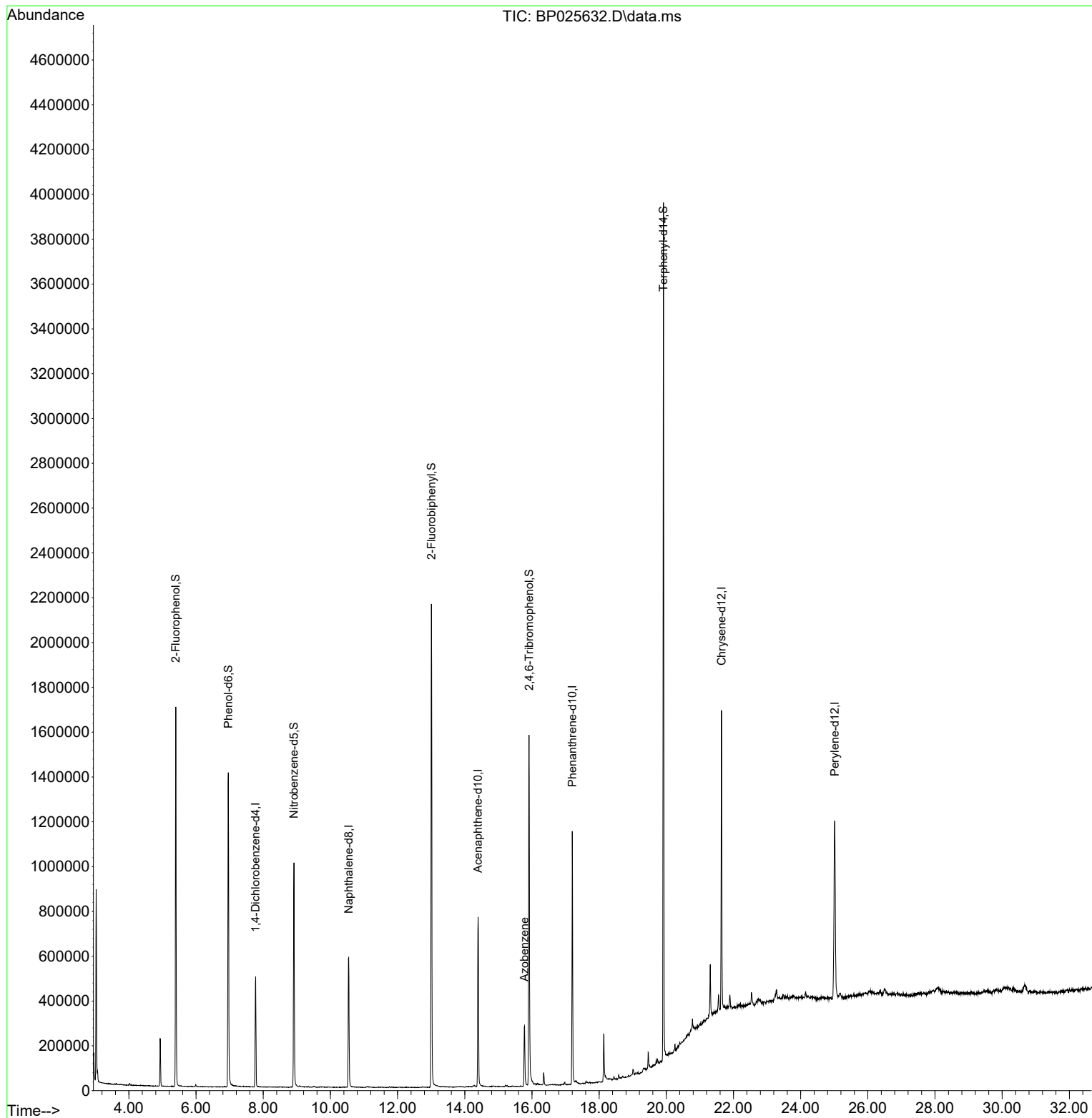
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	142722	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	537796	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	325552	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	639581	20.000	ng	0.00
76) Chrysene-d12	21.642	240	736346	20.000	ng	0.00
86) Perylene-d12	25.013	264	874770	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	716991	83.428	ng	-0.01
7) Phenol-d6	6.961	99	873494	79.276	ng	0.00
23) Nitrobenzene-d5	8.913	82	571059	53.714	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	376789	85.986	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	1232713	51.750	ng	-0.01
79) Terphenyl-d14	19.913	244	2050045	50.937	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	103714	5.000	ng	Qvalue # 1

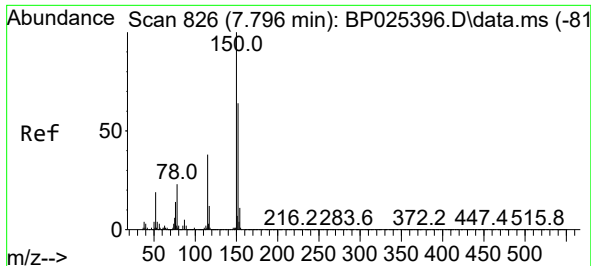
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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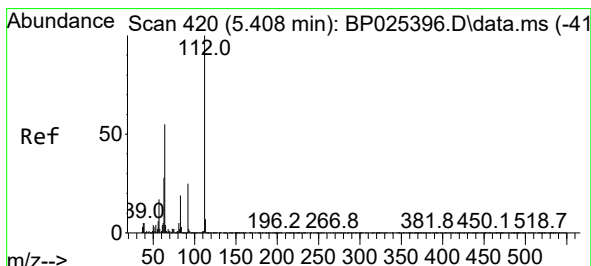
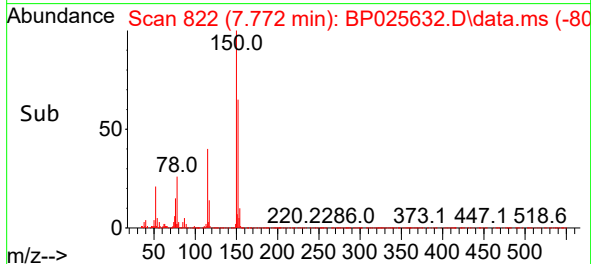
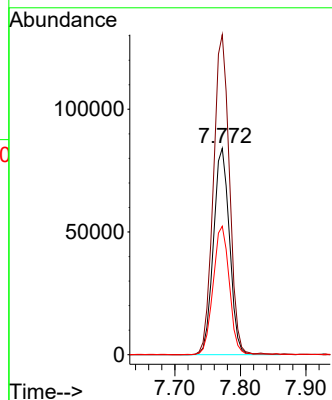
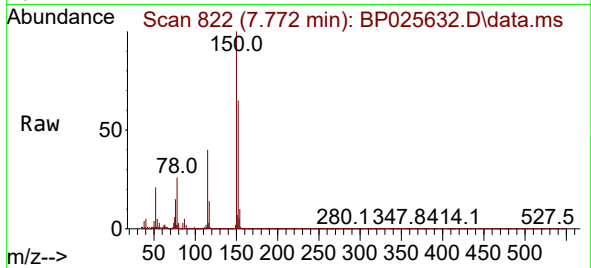




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

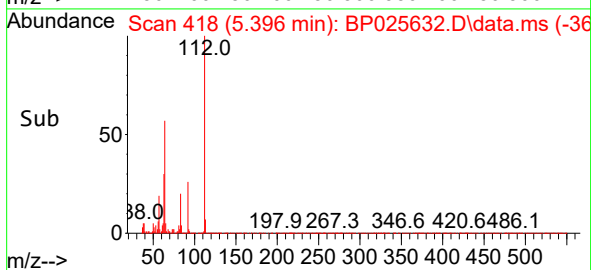
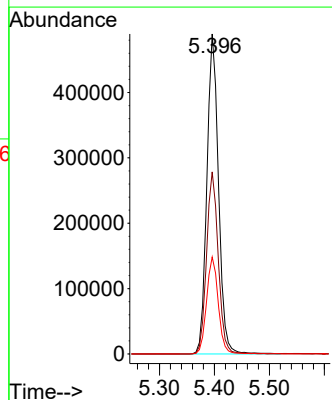
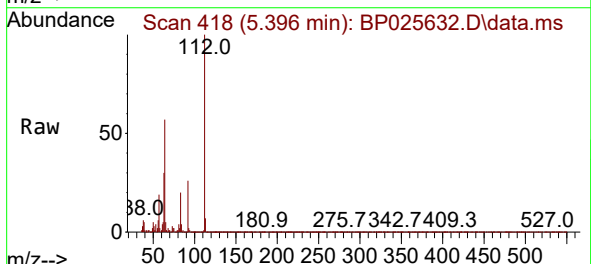
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-1

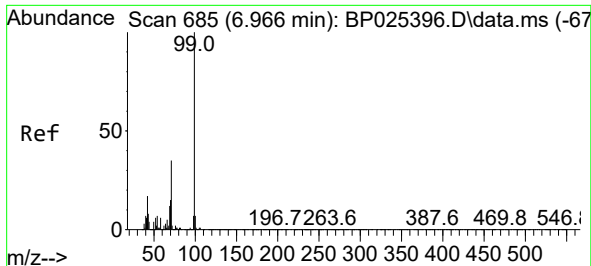
Tgt Ion:152 Resp: 142722
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 62.2 48.5 72.7



#5
2-Fluorophenol
Concen: 83.428 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

Tgt Ion:112 Resp: 716991
Ion Ratio Lower Upper
112 100
64 56.9 43.8 65.8
63 30.3 22.7 34.1

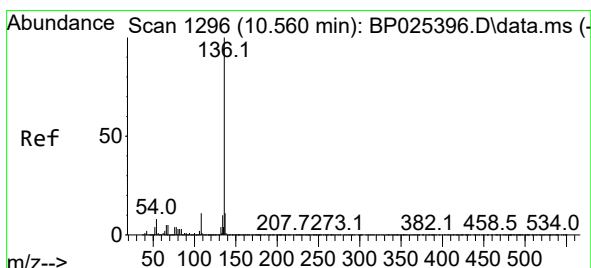
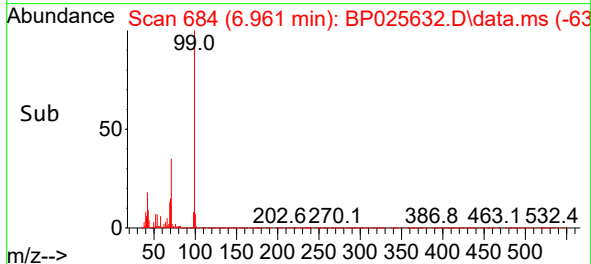
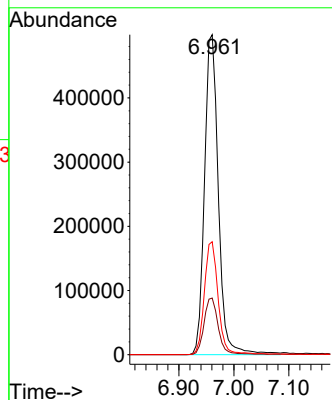
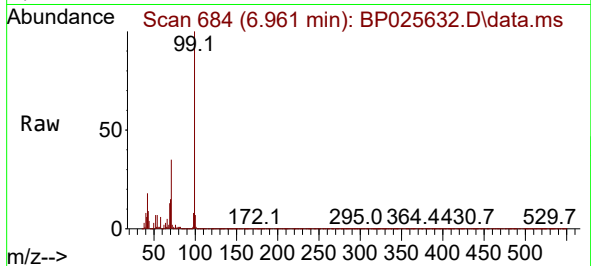




#7
Phenol-d6
Concen: 79.276 ng
RT: 6.961 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

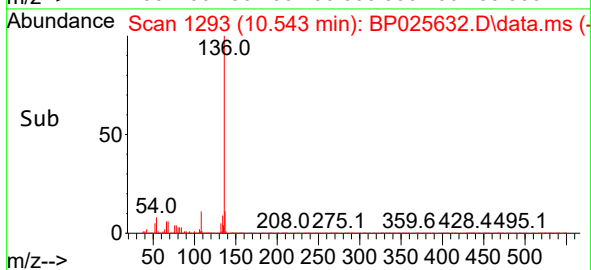
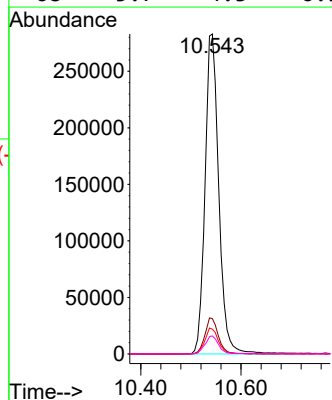
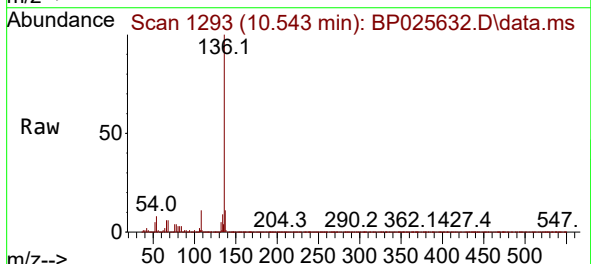
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-1

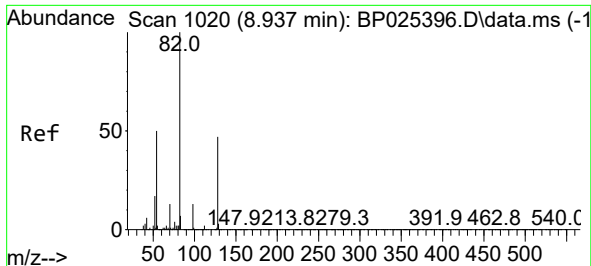
Tgt Ion: 99 Resp: 873494
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 35.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

Tgt Ion: 136 Resp: 537796
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.8 6.0 9.0
68 5.7 4.3 6.5

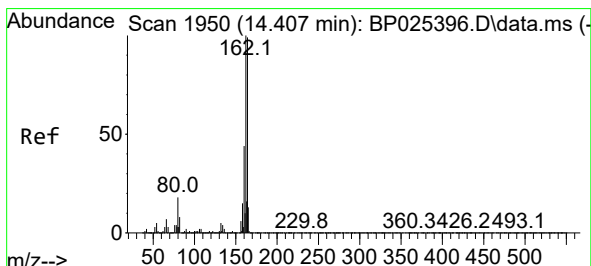
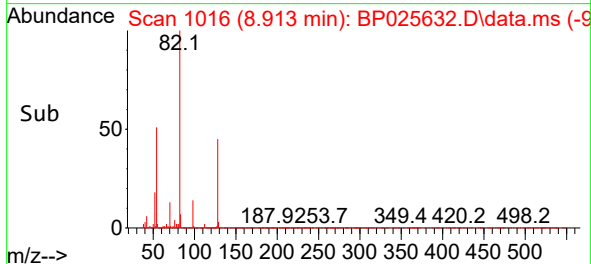
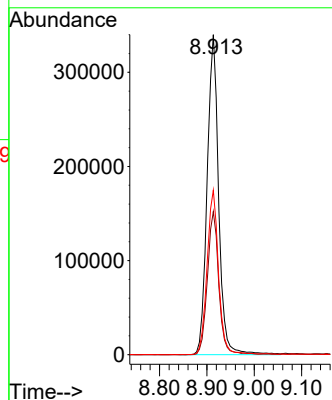
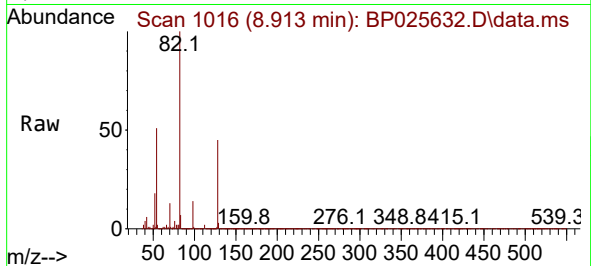




#23
Nitrobenzene-d5
Concen: 53.714 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

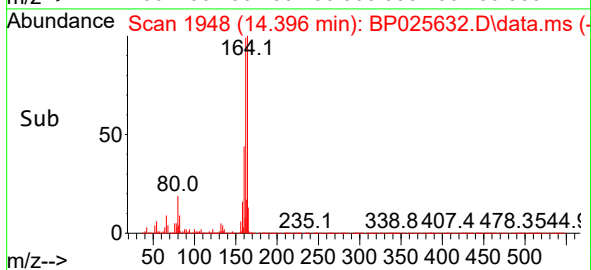
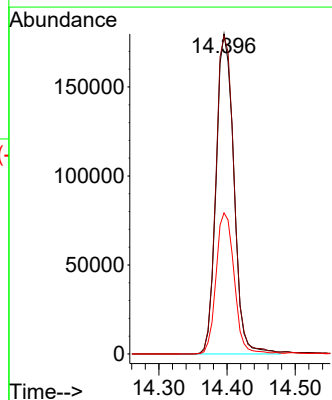
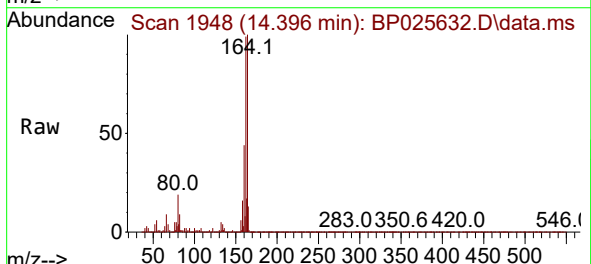
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-1

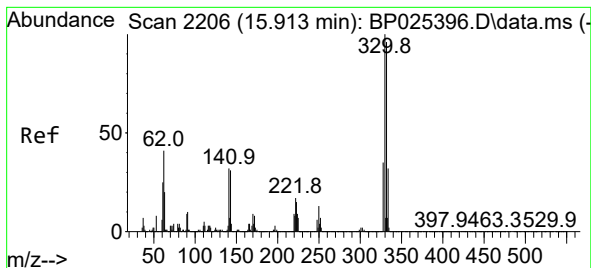
Tgt Ion: 82 Resp: 571059
Ion Ratio Lower Upper
82 100
128 44.7 37.7 56.5
54 51.4 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.396 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

Tgt Ion:164 Resp: 325552
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.6
160 44.1 35.4 53.2

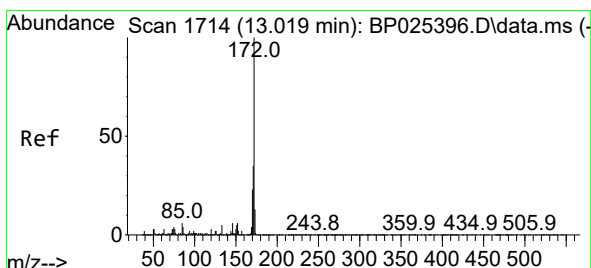
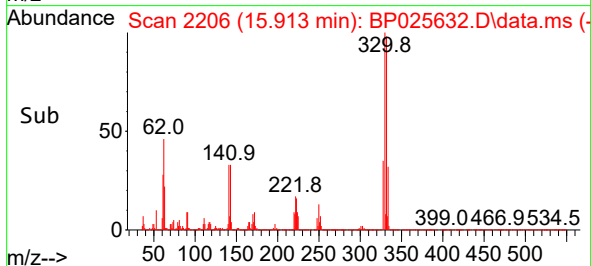
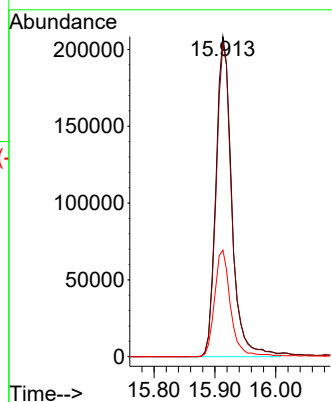
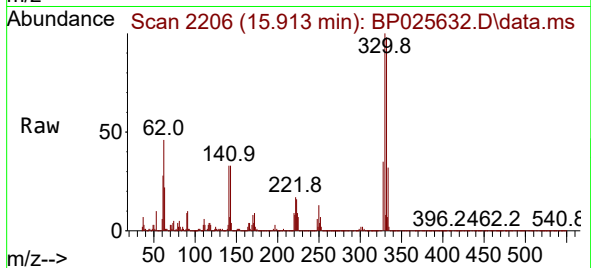




#42
2,4,6-Tribromophenol
Concen: 85.986 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

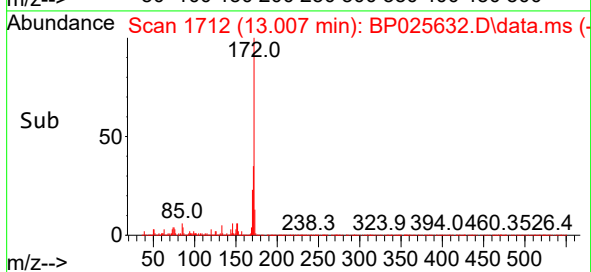
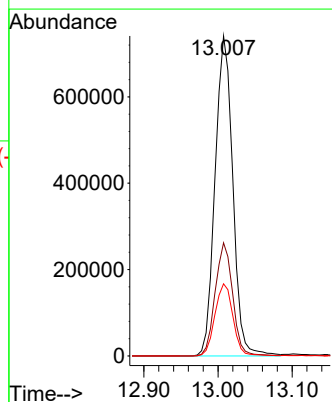
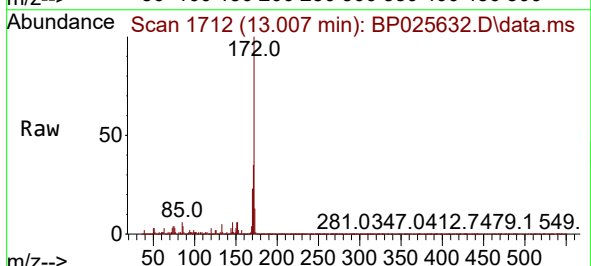
Instrument :
BNA_P
ClientSampleId :
NORTH-TP-1

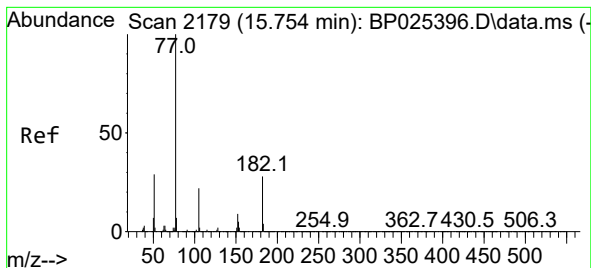
Tgt Ion:330 Resp: 376789
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 34.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 51.750 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025632.D
Acq: 29 Aug 2025 19:30

Tgt Ion:172 Resp: 1232713
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 22.6 18.6 28.0





#63

Azobenzene

Concen: 5.000 ng

RT: 15.778 min Scan# 2179

Delta R.T. 0.024 min

Lab File: BP025632.D

Acq: 29 Aug 2025 19:30

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-1

Tgt Ion: 77 Resp: 103714

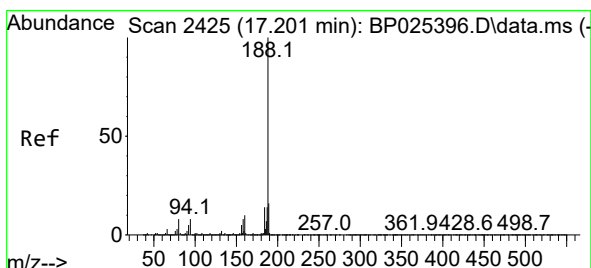
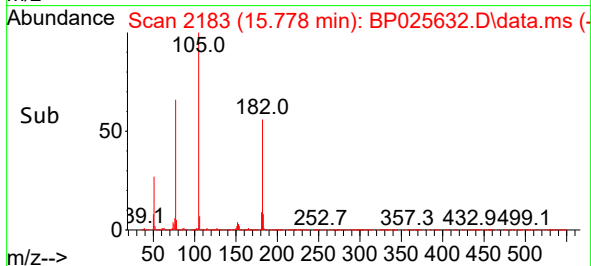
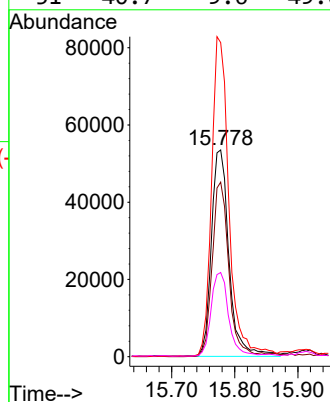
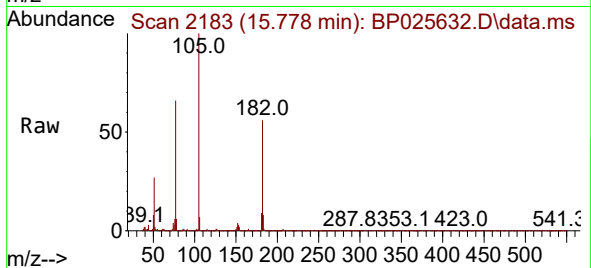
Ion Ratio Lower Upper

77 100

182 84.4 7.5 47.5#

105 151.9 2.1 42.1#

51 40.7 9.6 49.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP025632.D

Acq: 29 Aug 2025 19:30

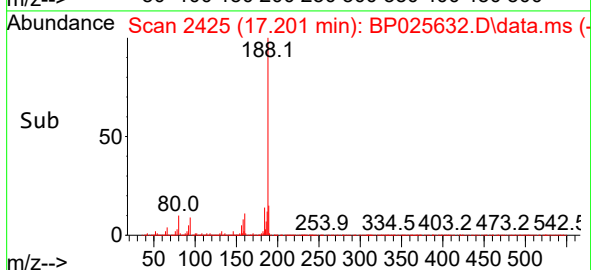
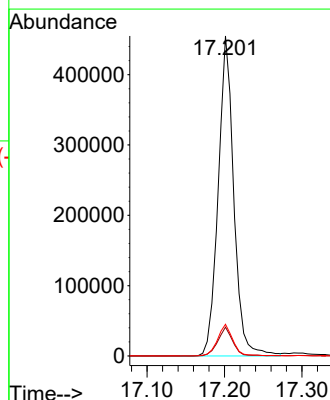
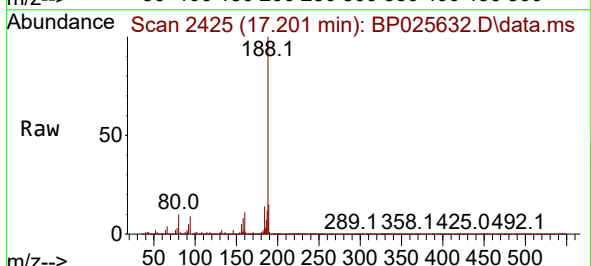
Tgt Ion:188 Resp: 639581

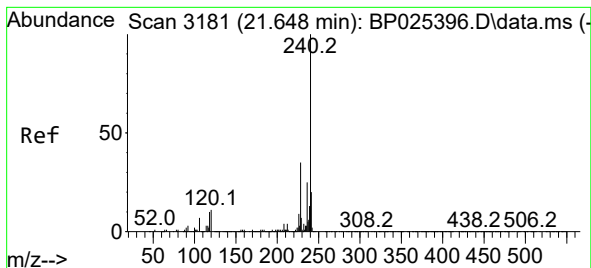
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.9 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025632.D

Acq: 29 Aug 2025 19:30

Instrument :

BNA_P

ClientSampleId :

NORTH-TP-1

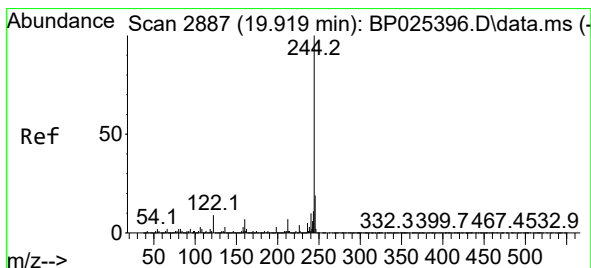
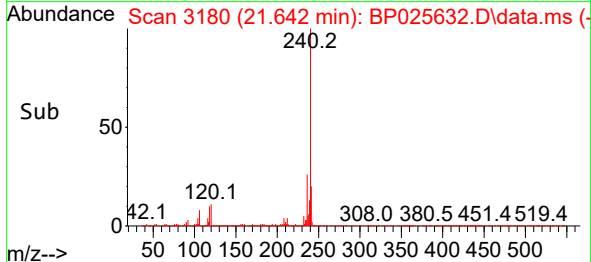
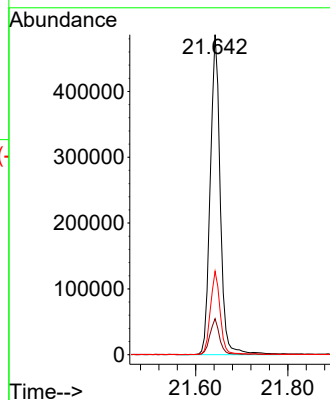
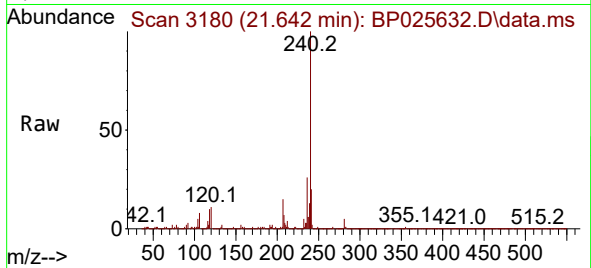
Tgt Ion:240 Resp: 736346

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 26.0 19.8 29.8



#79

Terphenyl-d14

Concen: 50.937 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025632.D

Acq: 29 Aug 2025 19:30

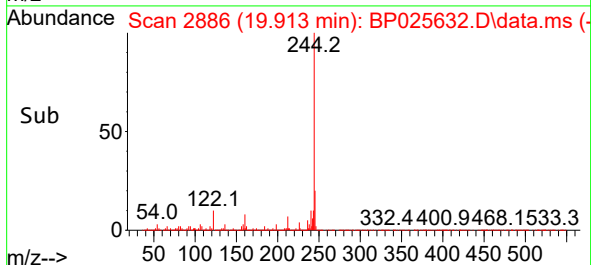
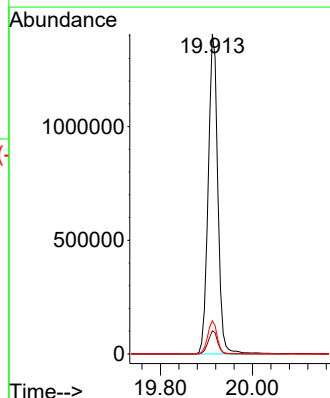
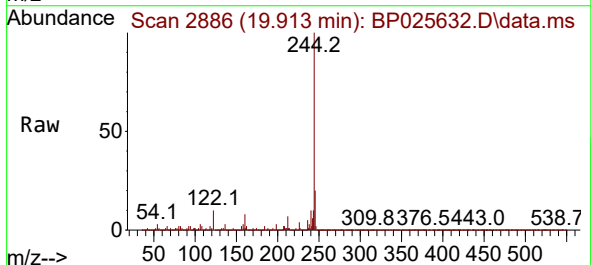
Tgt Ion:244 Resp: 2050045

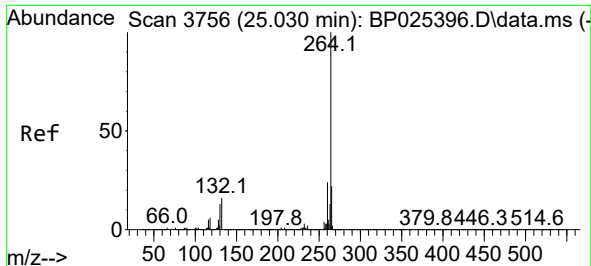
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.4 7.4 11.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.013 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BP025632.D
 Acq: 29 Aug 2025 19:30

Instrument :
 BNA_P
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Tgt Ion:264 Resp: 874770
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 22.1 17.4 26.0

