

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025629.D
 Acq On : 29 Aug 2025 17:26
 Operator : CG/JU
 Sample : Q2986-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-TP-4-CON

Quant Time: Aug 29 18:33:33 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)

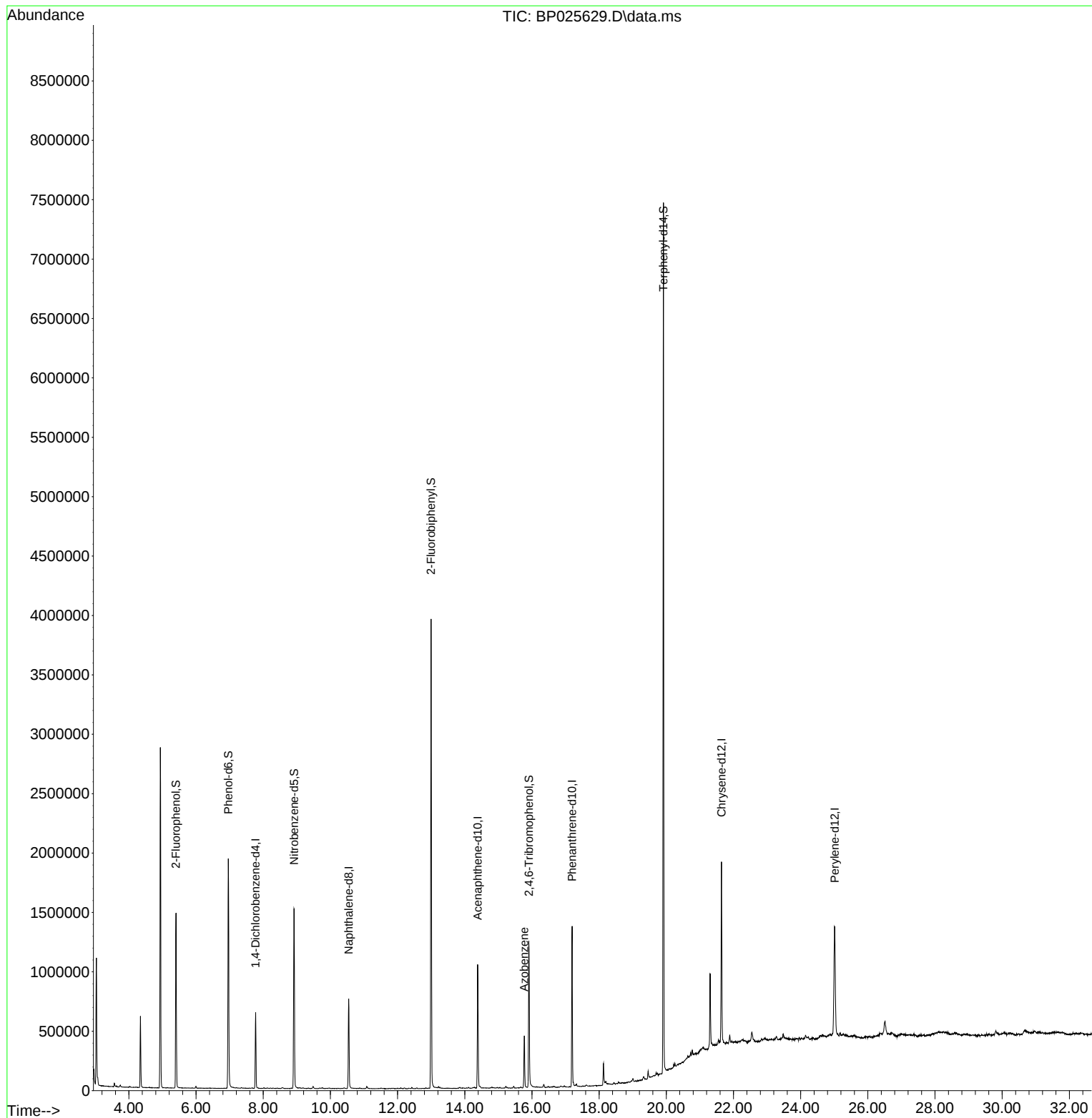
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	169990	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	644069	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	398520	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	772772	20.000	ng	0.00
76) Chrysene-d12	21.642	240	866311	20.000	ng	0.00
86) Perylene-d12	25.012	264	1011384	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	647804	63.286	ng	0.00
7) Phenol-d6	6.960	99	1192277	90.851	ng	0.00
23) Nitrobenzene-d5	8.919	82	939650	73.801	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	284604	53.057	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	2079837	71.326	ng	-0.02
79) Terphenyl-d14	19.913	244	3635748	76.784	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	148588	5.852	ng	Qvalue # 1

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

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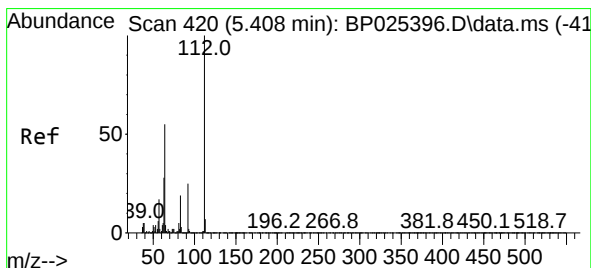
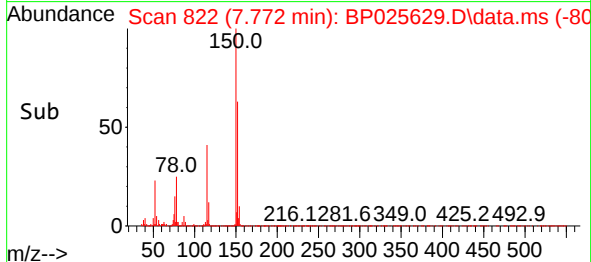
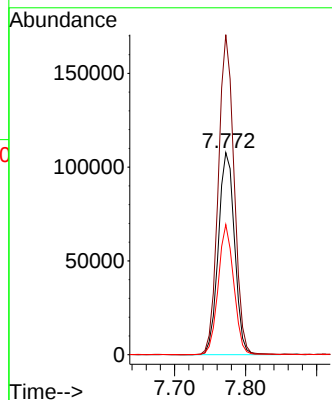
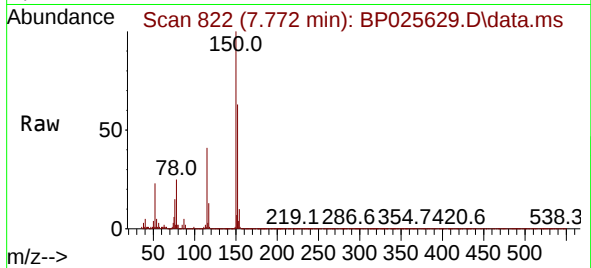




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

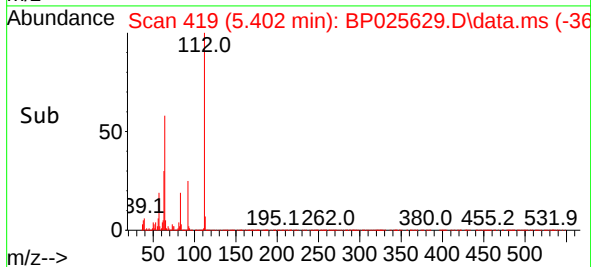
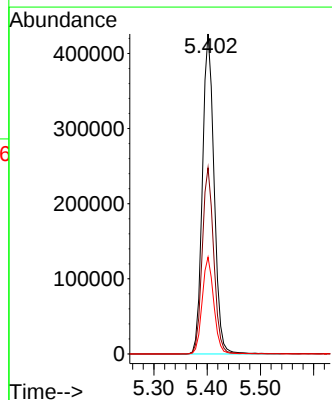
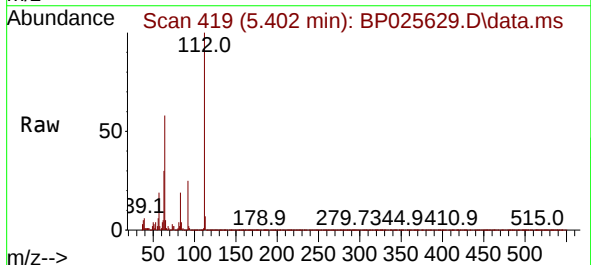
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-4-CON

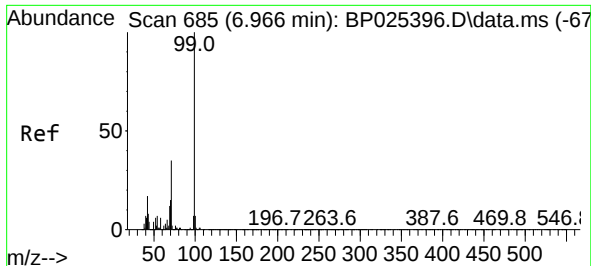
Tgt Ion:152 Resp: 169990
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 64.4 48.5 72.7



#5
2-Fluorophenol
Concen: 63.286 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

Tgt Ion:112 Resp: 647804
Ion Ratio Lower Upper
112 100
64 58.2 43.8 65.8
63 30.2 22.7 34.1



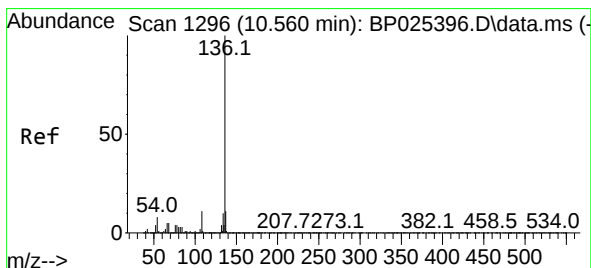
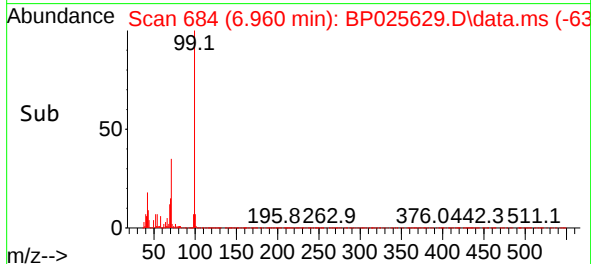
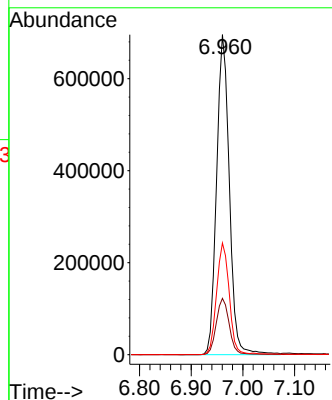
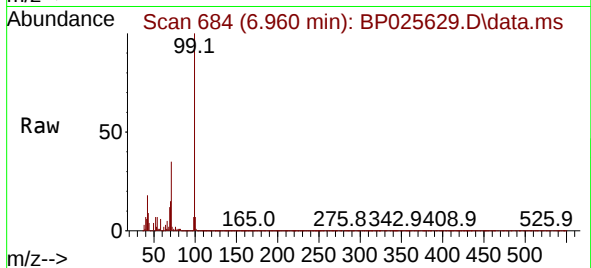


#7
Phenol-d6
Concen: 90.851 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-4-CON

Tgt Ion: 99 Resp: 1192277

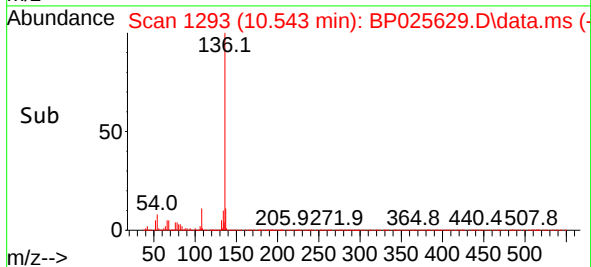
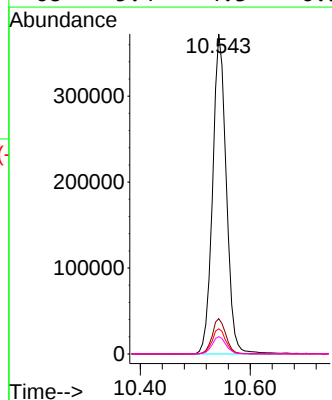
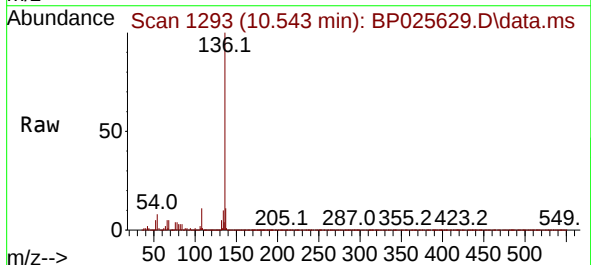
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.7	20.5
71	34.9	28.2	42.4

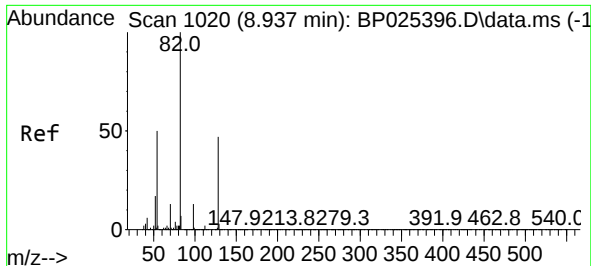


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

Tgt Ion: 136 Resp: 644069

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.9	6.0	9.0
68	5.4	4.3	6.5

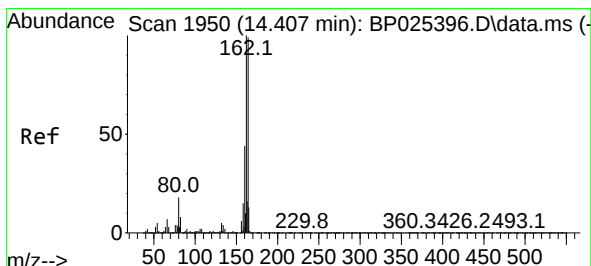
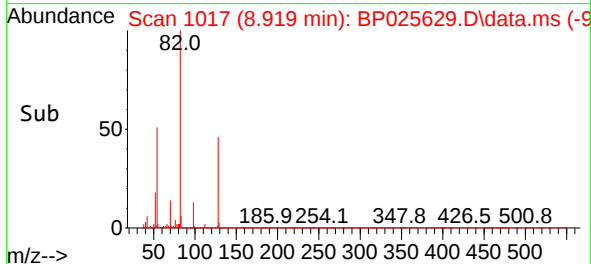
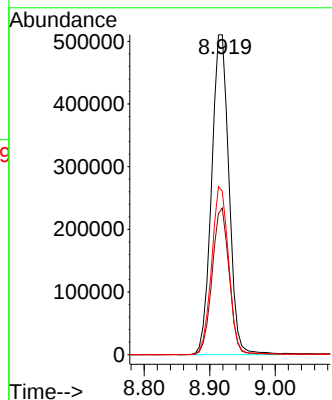
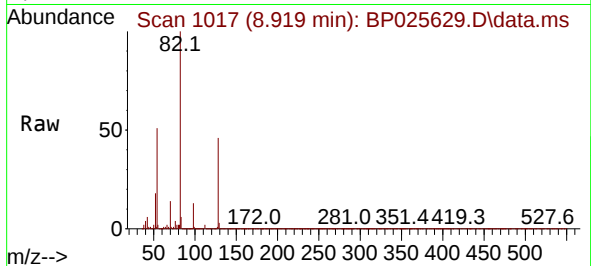




#23
Nitrobenzene-d5
Concen: 73.801 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

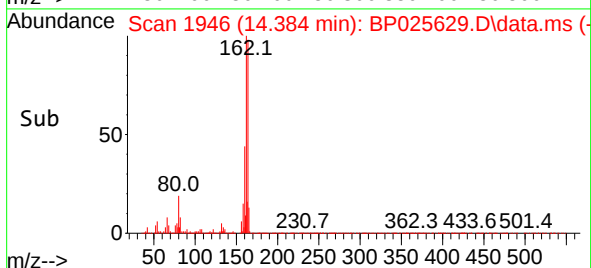
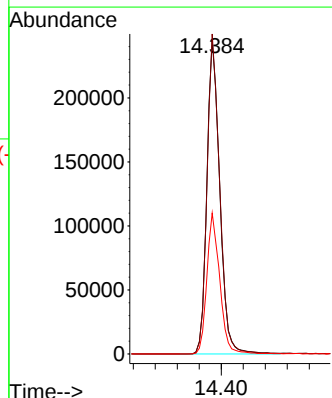
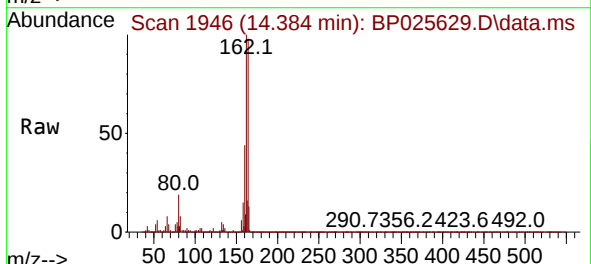
Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-4-CON

Tgt Ion: 82 Resp: 939650
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

Tgt Ion:164 Resp: 398520
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 53.057 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025629.D

Acq: 29 Aug 2025 17:26

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-4-CON

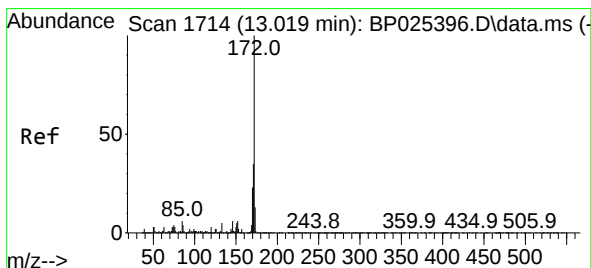
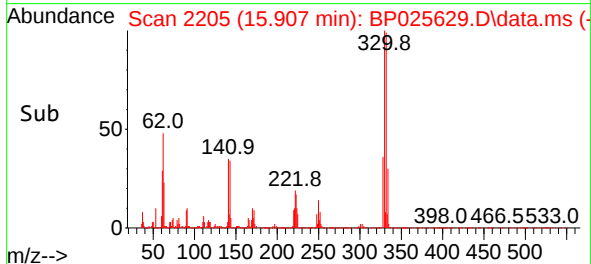
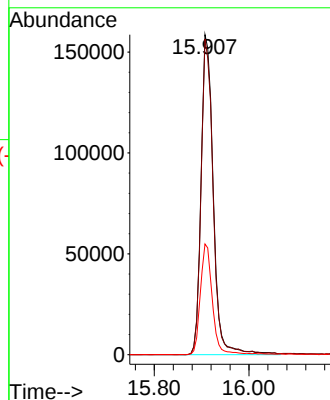
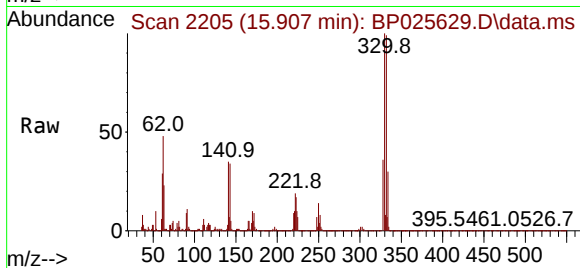
Tgt Ion:330 Resp: 284604

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 33.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 71.326 ng

RT: 12.995 min Scan# 1710

Delta R.T. -0.023 min

Lab File: BP025629.D

Acq: 29 Aug 2025 17:26

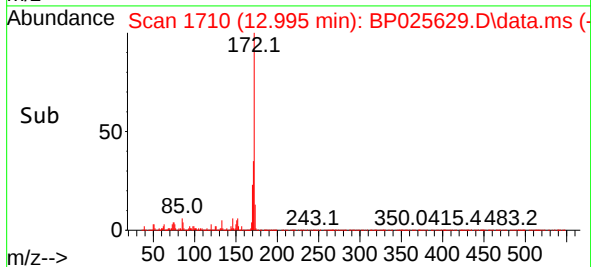
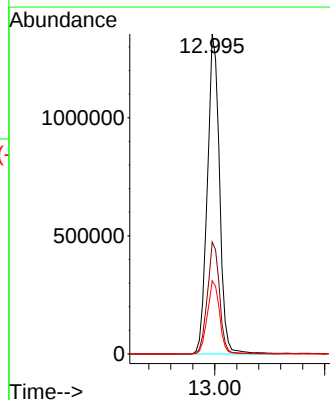
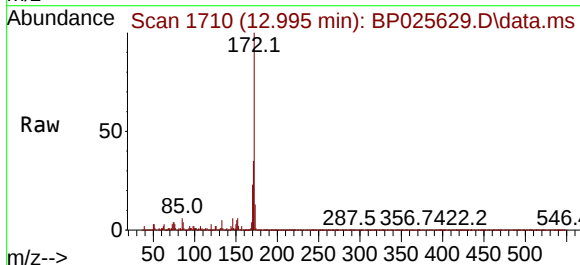
Tgt Ion:172 Resp: 2079837

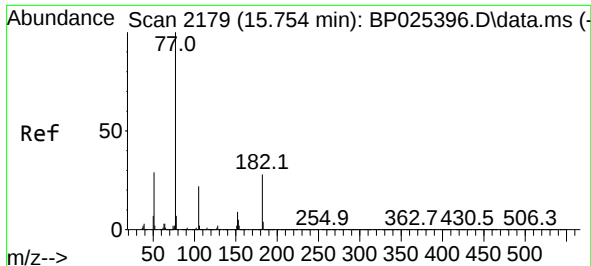
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.9 18.6 28.0

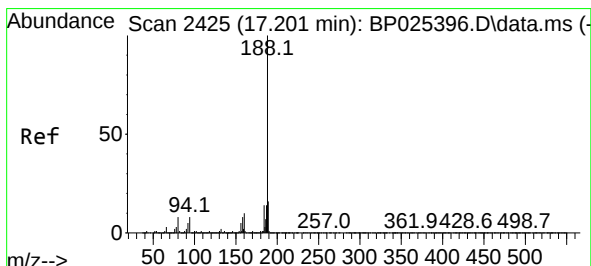
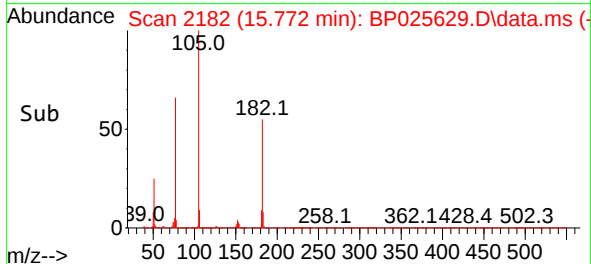
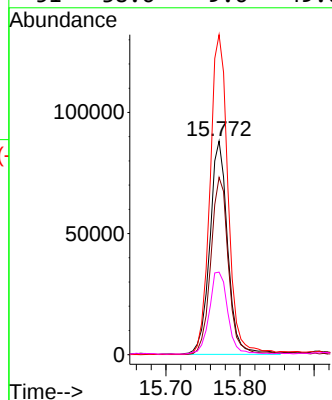
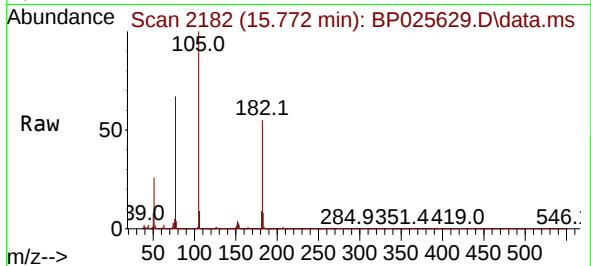




#63
Azobenzene
Concen: 5.852 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

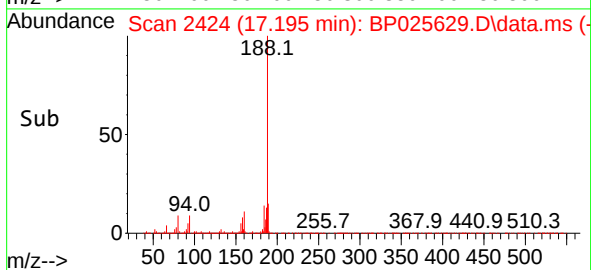
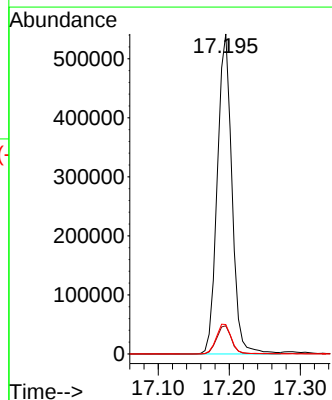
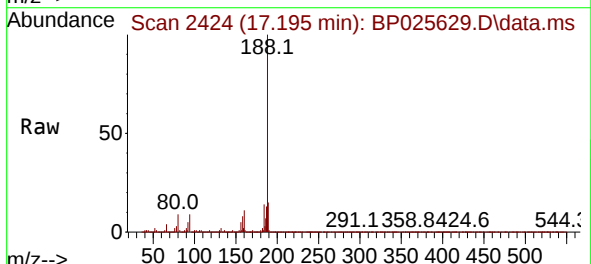
Instrument :
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ClientSampleId :
SOUTH-TP-4-CON

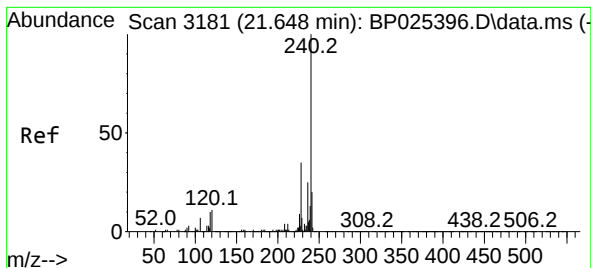
Tgt Ion: 77 Resp: 148588
Ion Ratio Lower Upper
77 100
182 83.1 7.5 47.5#
105 149.9 2.1 42.1#
51 38.6 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025629.D
Acq: 29 Aug 2025 17:26

Tgt Ion: 188 Resp: 772772
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.2 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025629.D

Acq: 29 Aug 2025 17:26

Instrument :

BNA_P

ClientSampleId :

SOUTH-TP-4-CON

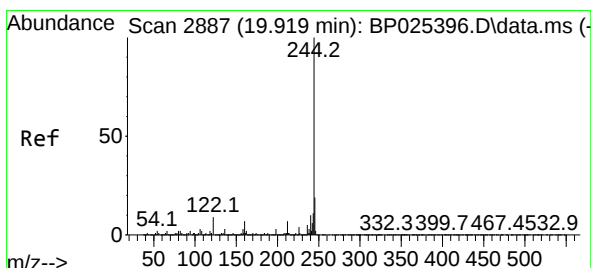
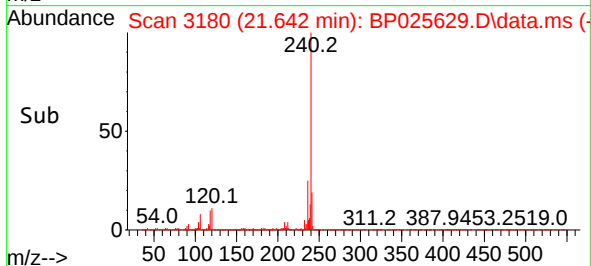
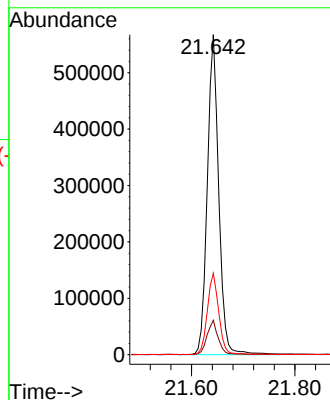
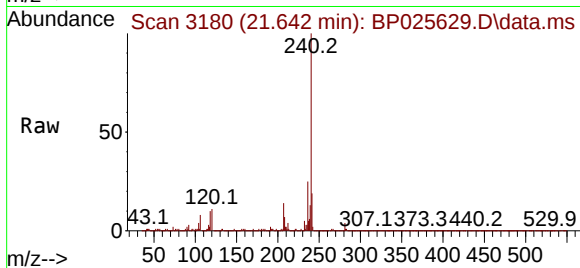
Tgt Ion:240 Resp: 866311

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 76.784 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025629.D

Acq: 29 Aug 2025 17:26

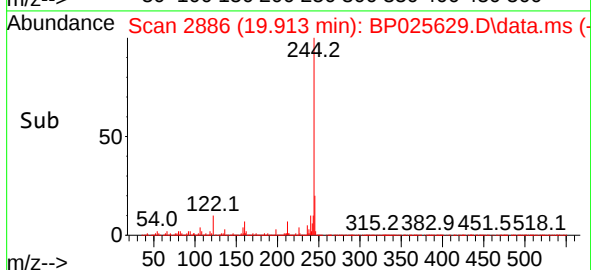
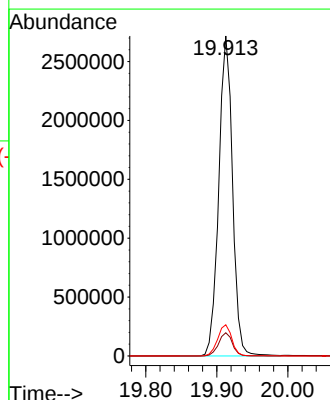
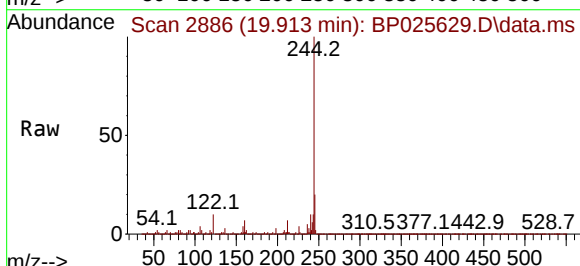
Tgt Ion:244 Resp: 3635748

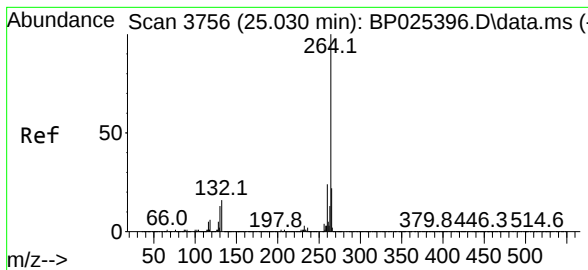
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.8 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: BP025629.D
Acq: 29 Aug 2025 17:26

Instrument :
BNA_P
ClientSampleId :
SOUTH-TP-4-CON

Tgt Ion:264 Resp: 1011384

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.8	17.4	26.0

