

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025477.D
 Acq On : 19 Aug 2025 15:32
 Operator : CG/JU
 Sample : Q2815-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-E

Quant Time: Aug 19 16:02:39 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)

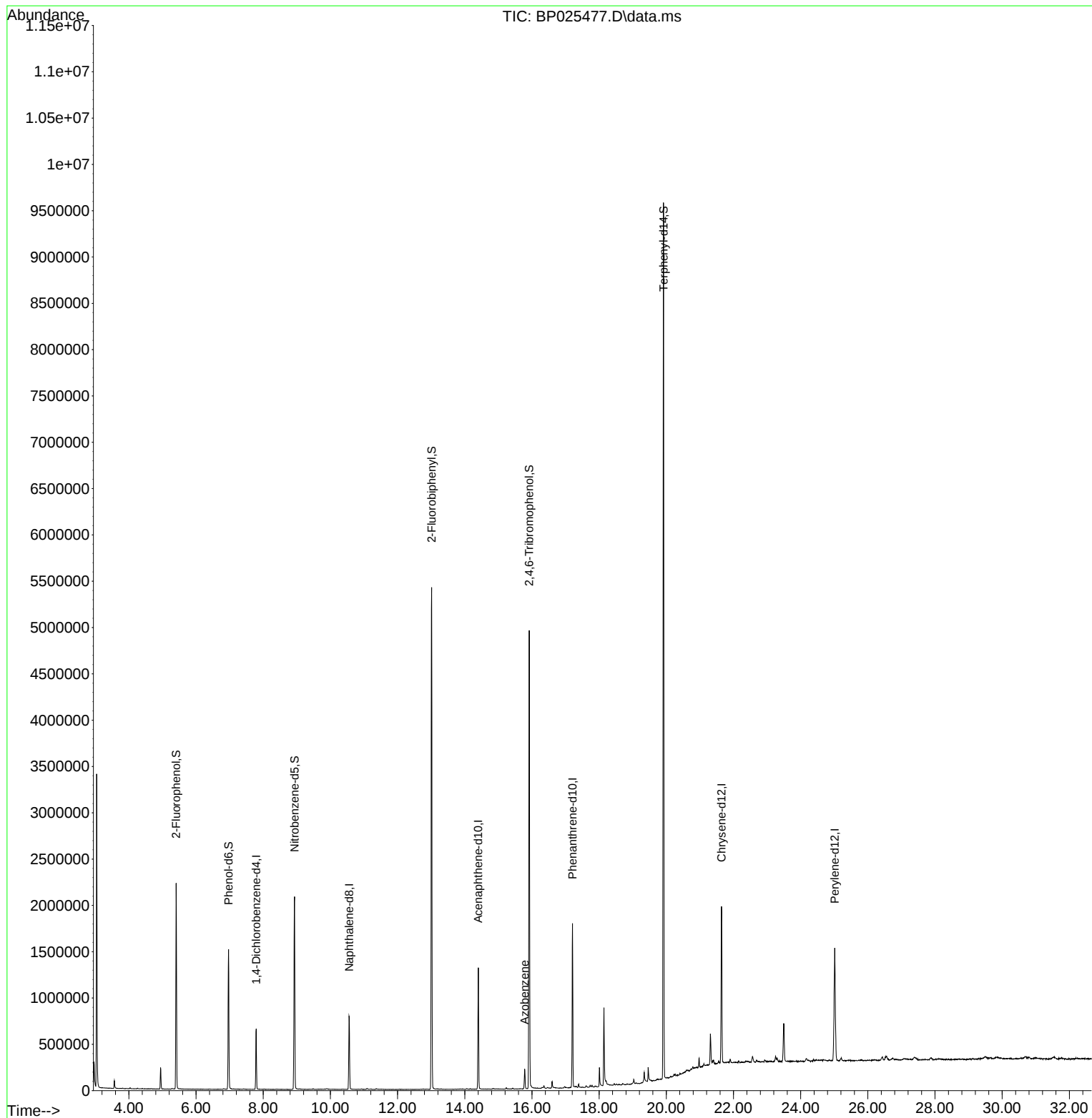
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	173452	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	695938	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	476134	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	1011823	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1102096	20.000	ng	0.00
86) Perylene-d12	25.012	264	1196382	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	955286	91.463	ng	0.00
7) Phenol-d6	6.966	99	888836	66.377	ng	0.00
23) Nitrobenzene-d5	8.931	82	1300395	94.522	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	1022102	159.484	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	3014307	86.522	ng	0.00
79) Terphenyl-d14	19.919	244	5382135	89.348	ng	0.00
Target Compounds						
63) Azobenzene	15.784	77	68939	2.273	ng	Qvalue # 1

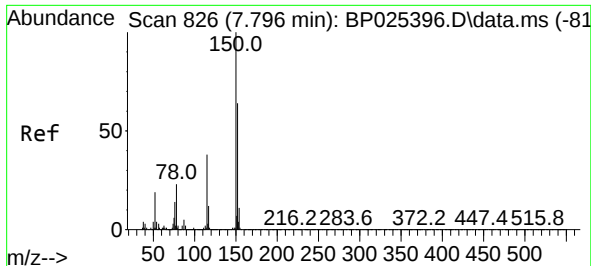
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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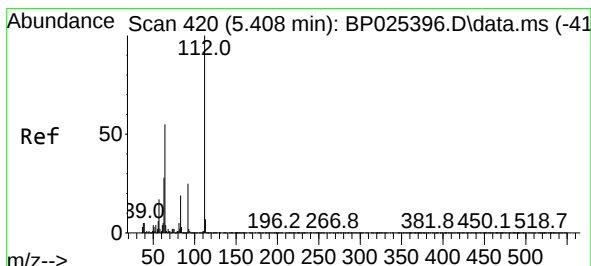
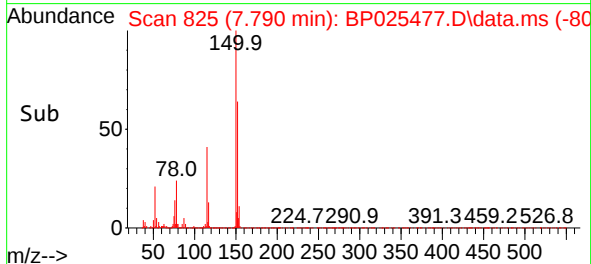
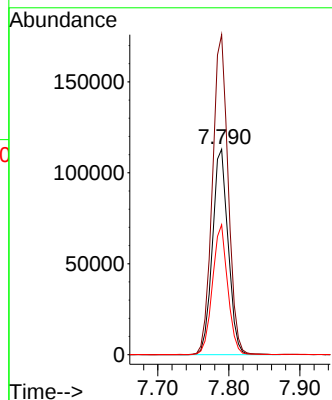
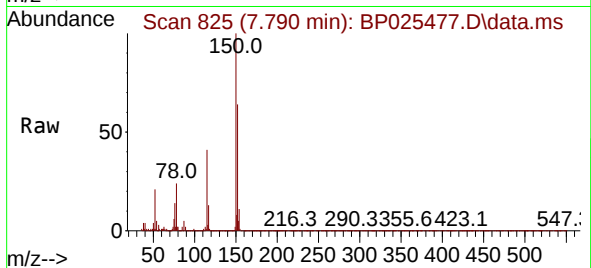




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025477.D
 Acq: 19 Aug 2025 15:32

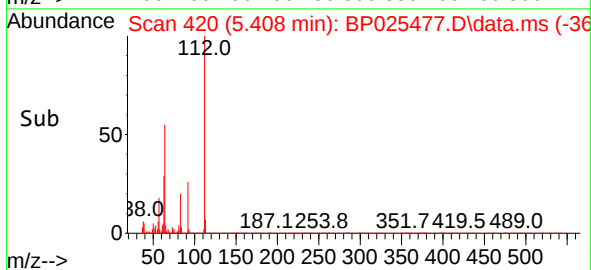
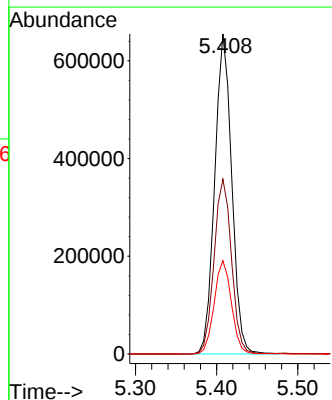
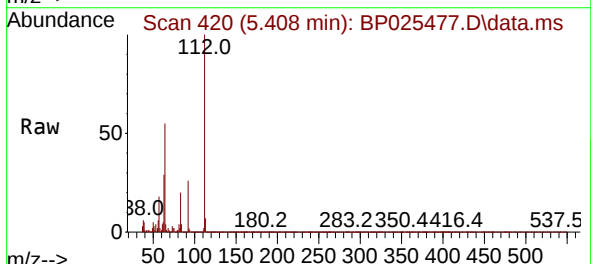
Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-E

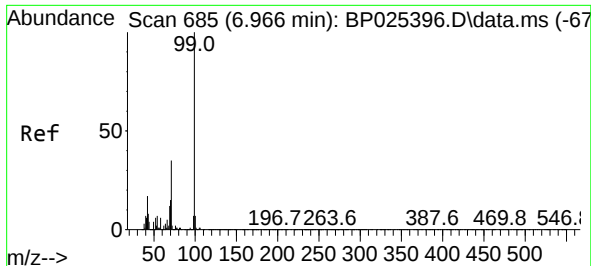
Tgt Ion:152 Resp: 173452
 Ion Ratio Lower Upper
 152 100
 150 155.8 125.9 188.9
 115 63.2 48.5 72.7



#5
 2-Fluorophenol
 Concen: 91.463 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025477.D
 Acq: 19 Aug 2025 15:32

Tgt Ion:112 Resp: 955286
 Ion Ratio Lower Upper
 112 100
 64 54.6 43.8 65.8
 63 29.2 22.7 34.1

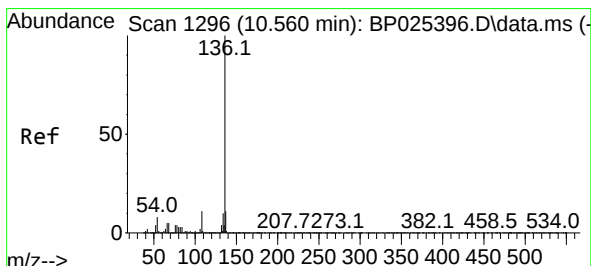
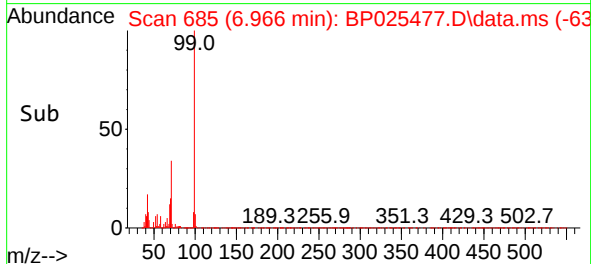
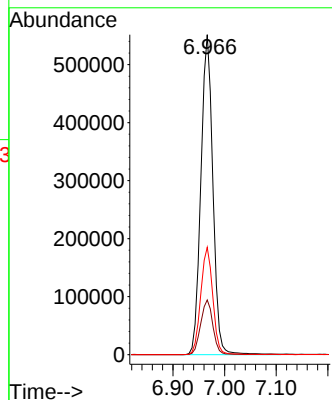
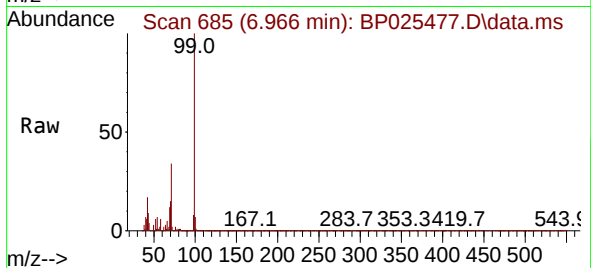




#7
Phenol-d6
Concen: 66.377 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

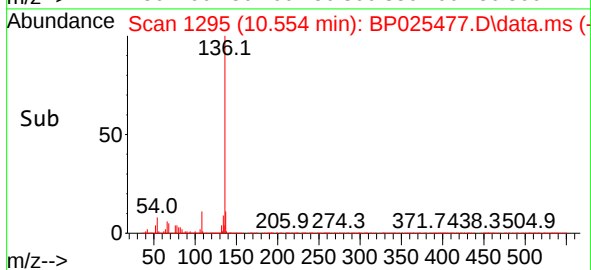
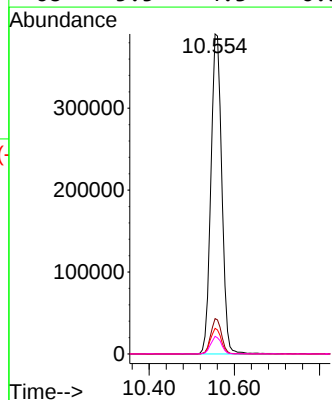
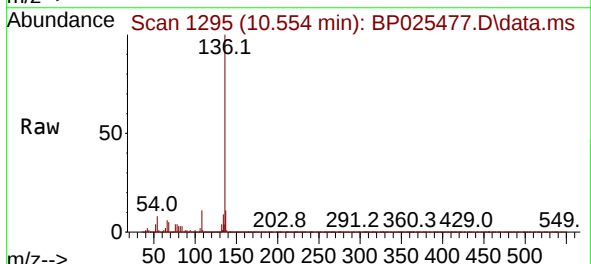
Instrument :
BNA_P
ClientSampleId :
TW-11M-E

Tgt Ion: 99 Resp: 888836
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.6 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: BP025477.D
Acq: 19 Aug 2025 15:32

Tgt Ion: 136 Resp: 695938
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.5 4.3 6.5

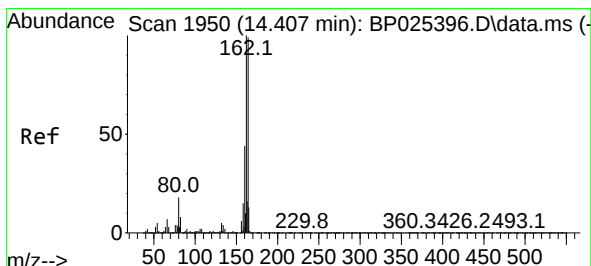
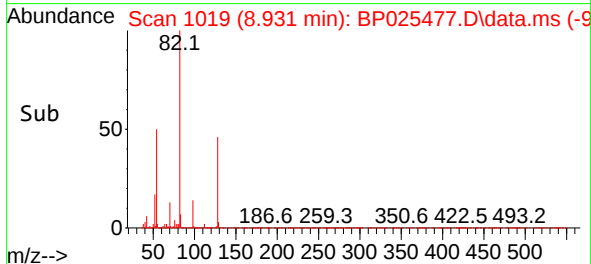
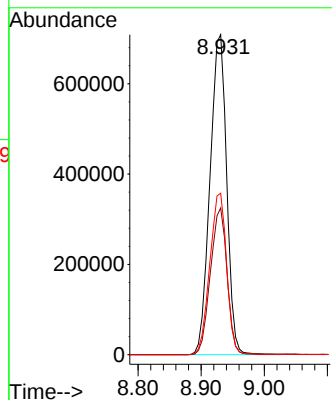
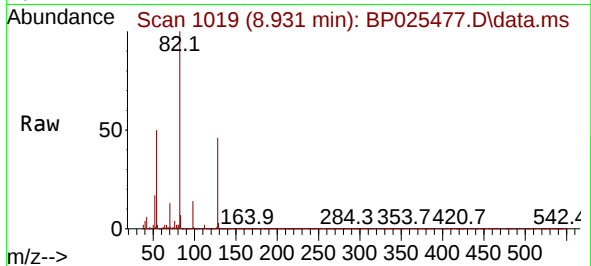




#23
Nitrobenzene-d5
Concen: 94.522 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

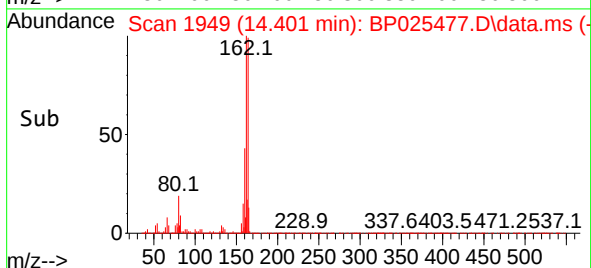
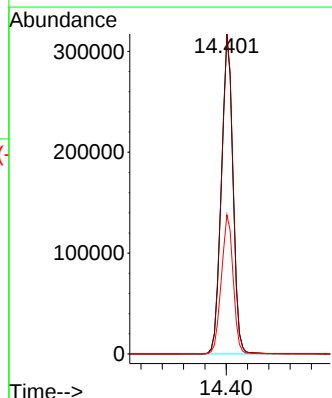
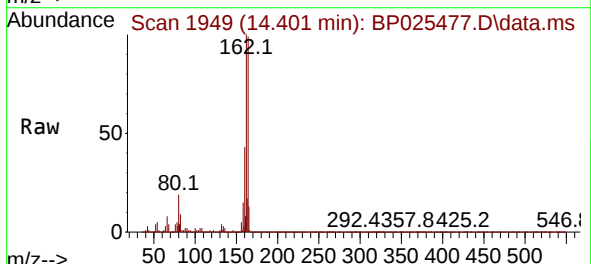
Instrument :
BNA_P
ClientSampleId :
TW-11M-E

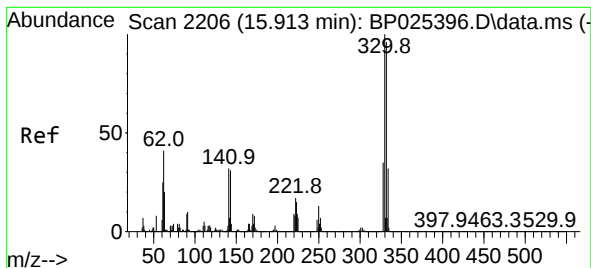
Tgt Ion: 82 Resp: 1300395
Ion Ratio Lower Upper
82 100
128 45.8 37.7 56.5
54 50.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

Tgt Ion:164 Resp: 476134
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 43.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 159.484 ng

RT: 15.919 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025477.D

Acq: 19 Aug 2025 15:32

Instrument :

BNA_P

ClientSampleId :

TW-11M-E

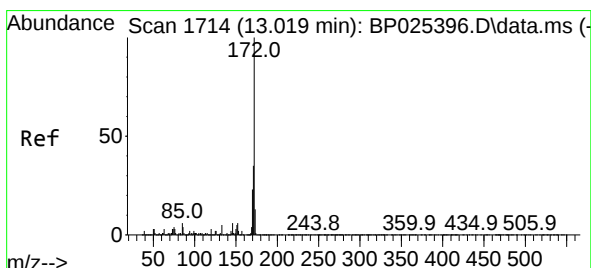
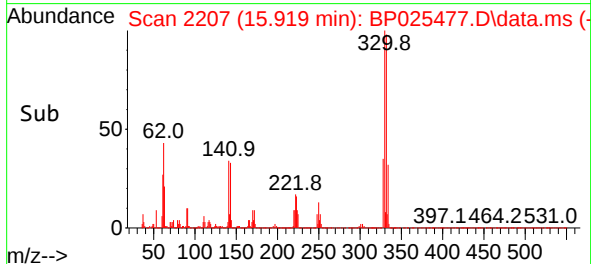
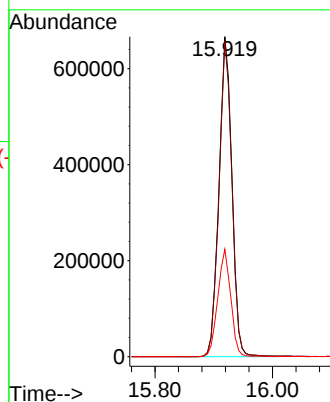
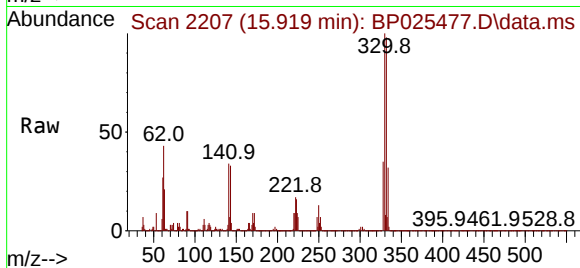
Tgt Ion:330 Resp: 1022102

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 33.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.522 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025477.D

Acq: 19 Aug 2025 15:32

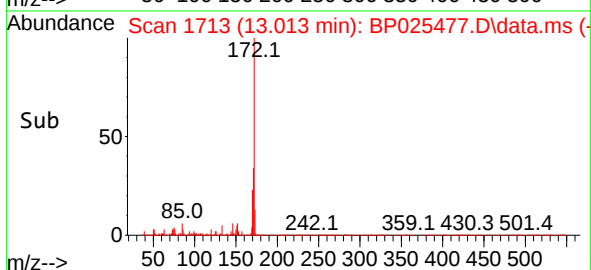
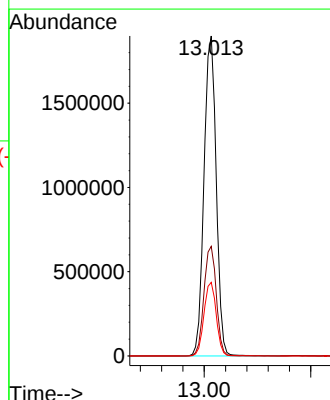
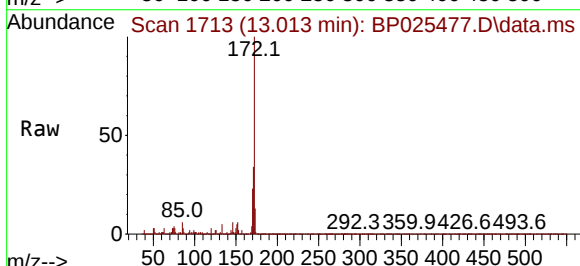
Tgt Ion:172 Resp: 3014307

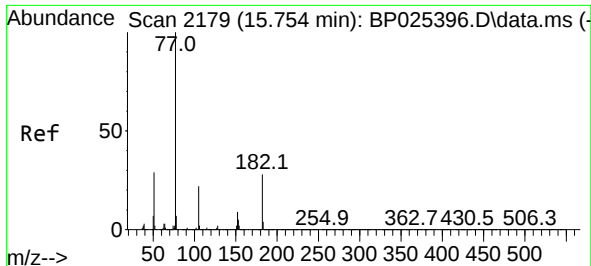
Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.0 18.6 28.0

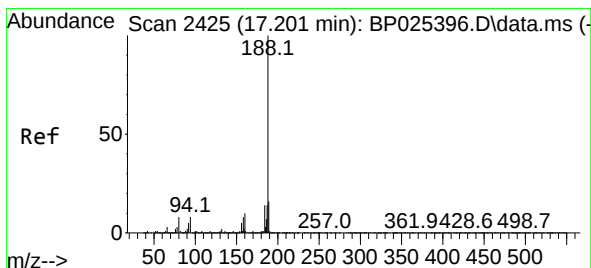
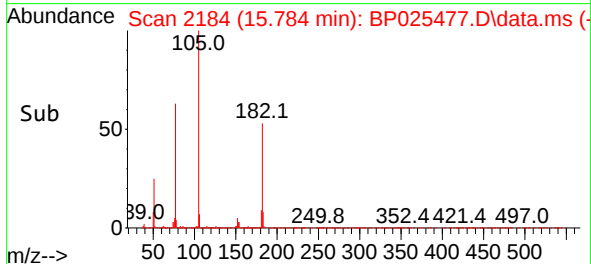
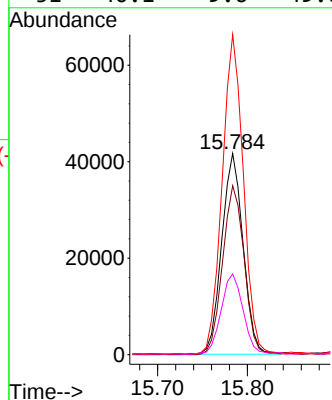
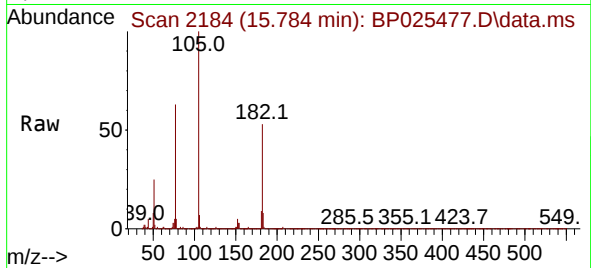




#63
Azobenzene
Concen: 2.273 ng
RT: 15.784 min Scan# 2179
Delta R.T. 0.030 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

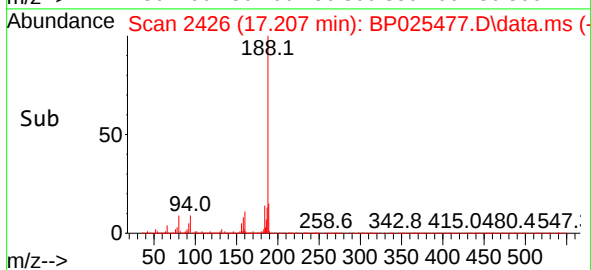
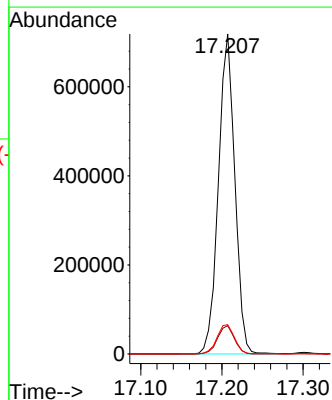
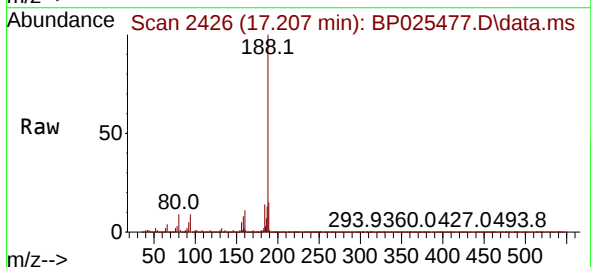
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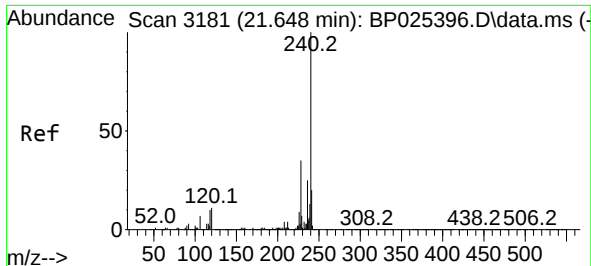
Tgt Ion: 77 Resp: 68939
Ion Ratio Lower Upper
77 100
182 83.9 7.5 47.5#
105 159.0 2.1 42.1#
51 40.1 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

Tgt Ion: 188 Resp: 1011823
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.1 6.7 10.1

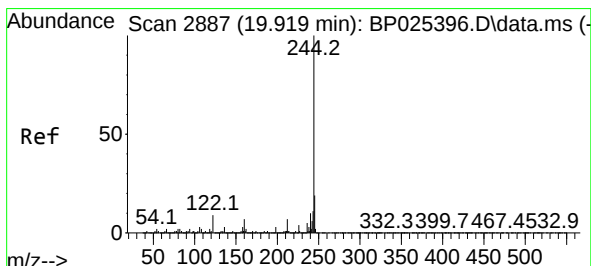
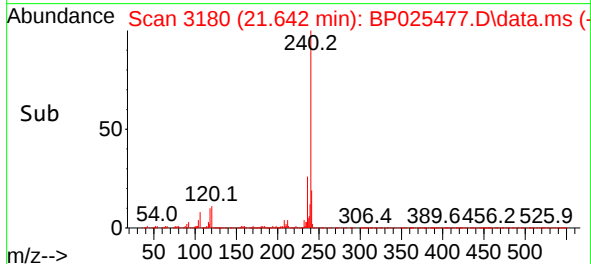
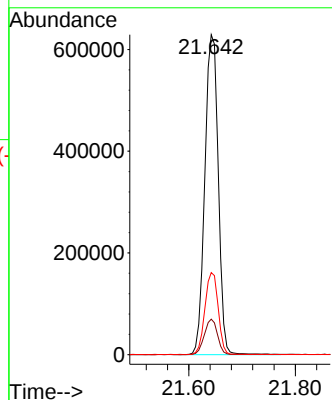
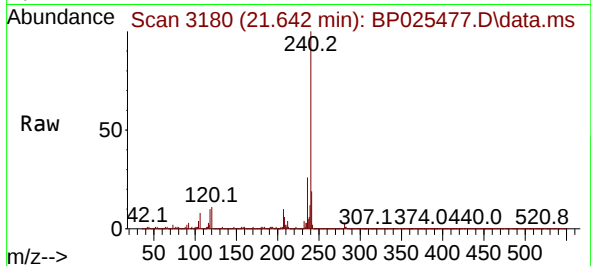




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3181
Delta R.T. -0.006 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

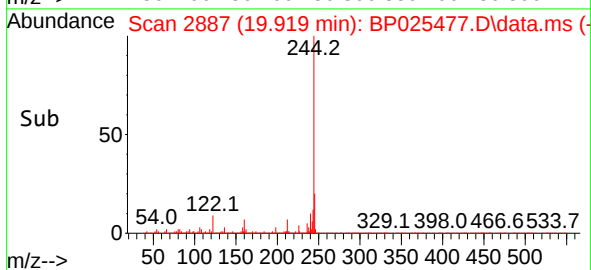
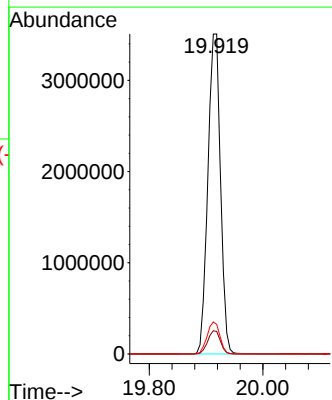
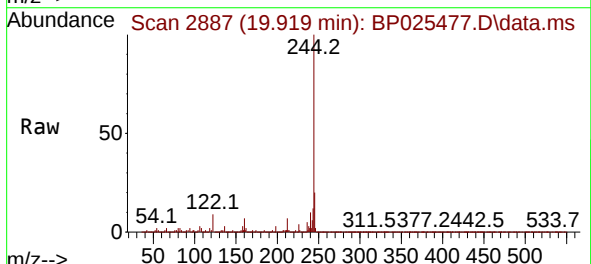
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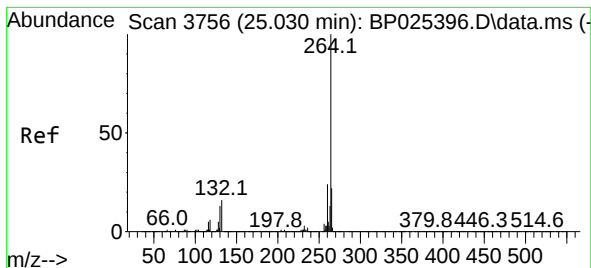
Tgt Ion:240 Resp: 1102096
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.6 19.8 29.8



#79
Terphenyl-d14
Concen: 89.348 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025477.D
Acq: 19 Aug 2025 15:32

Tgt Ion:244 Resp: 5382135
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.3 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: BP025477.D

Acq: 19 Aug 2025 15:32

Instrument :

BNA_P

ClientSampleId :

TW-11M-E

Tgt Ion:264 Resp: 1196382

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.0 17.4 26.0

