

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
 Data File : BP025630.D
 Acq On : 29 Aug 2025 18:07
 Operator : CG/JU
 Sample : Q2985-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SMALL-PIERS

Quant Time: Aug 29 18:39:40 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)

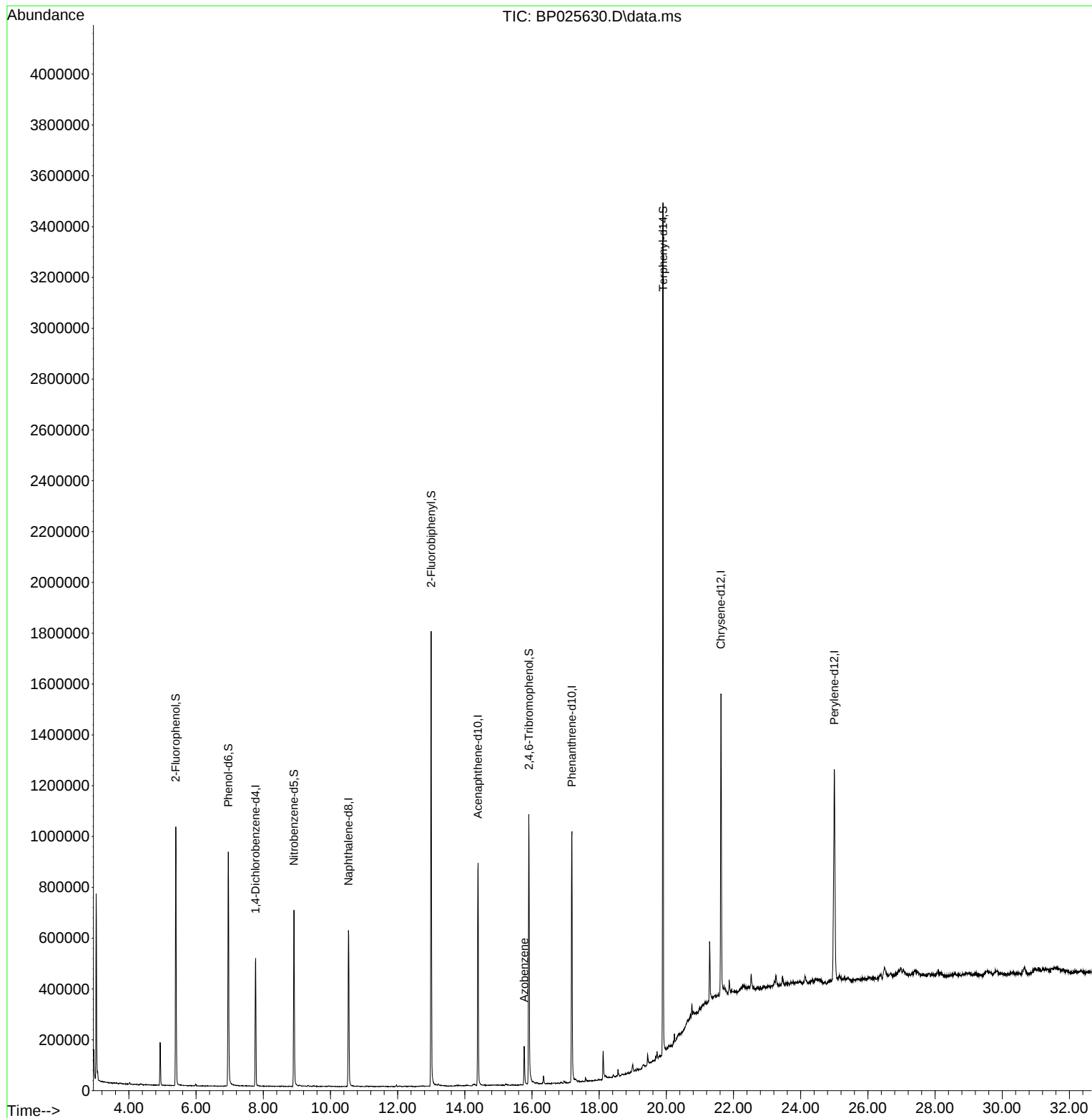
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	144174	20.000	ng	-0.02
21) Naphthalene-d8	10.537	136	552389	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	334373	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	676739	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	773119	20.000	ng	-0.02
86) Perylene-d12	25.001	264	908306	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	459096	52.882	ng	-0.01
7) Phenol-d6	6.960	99	582700	52.352	ng	0.00
23) Nitrobenzene-d5	8.913	82	402649	36.873	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	247007	54.882	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	941884	38.498	ng	-0.02
79) Terphenyl-d14	19.901	244	1656813	39.208	ng	-0.02
Target Compounds						
63) Azobenzene	15.766	77	52609	2.469	ng	Qvalue # 1

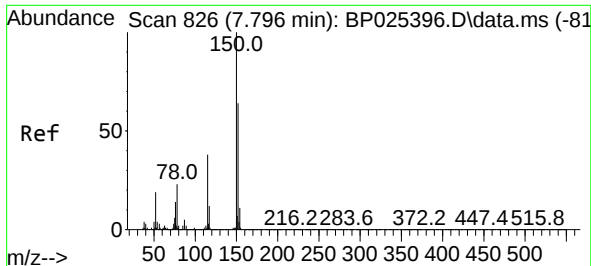
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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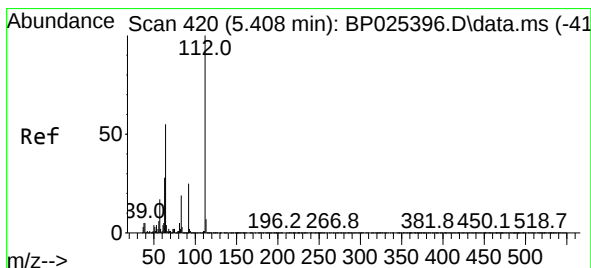
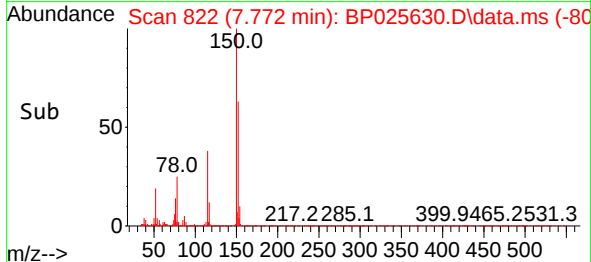
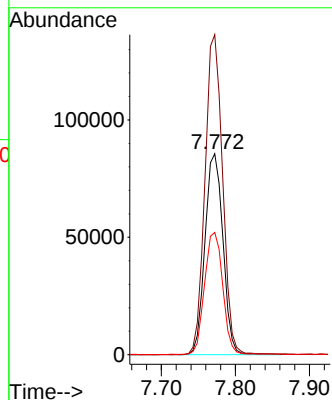
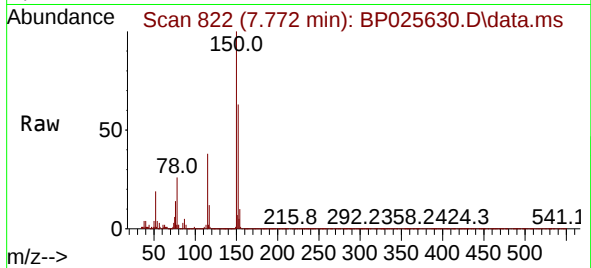




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

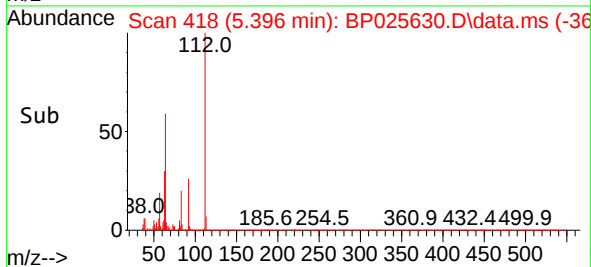
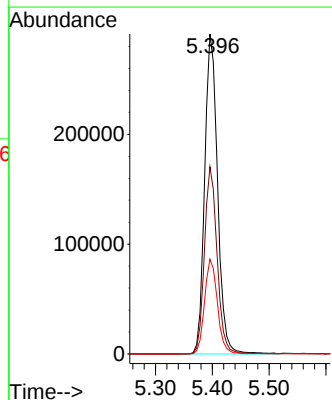
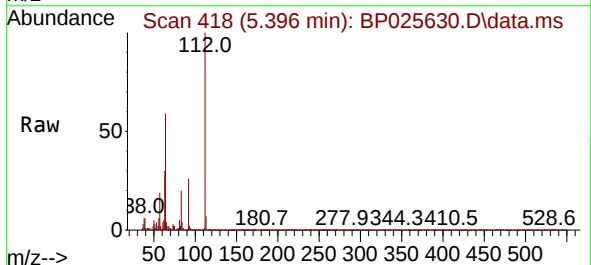
Instrument :
BNA_P
ClientSampleId :
SMALL-PIERS

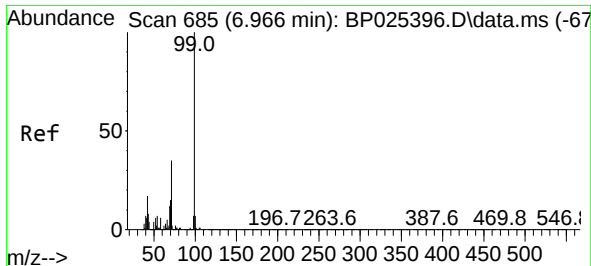
Tgt Ion:152 Resp: 144174
Ion Ratio Lower Upper
152 100
150 159.2 125.9 188.9
115 60.8 48.5 72.7



#5
2-Fluorophenol
Concen: 52.882 ng
RT: 5.396 min Scan# 418
Delta R.T. -0.012 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

Tgt Ion:112 Resp: 459096
Ion Ratio Lower Upper
112 100
64 58.5 43.8 65.8
63 29.6 22.7 34.1

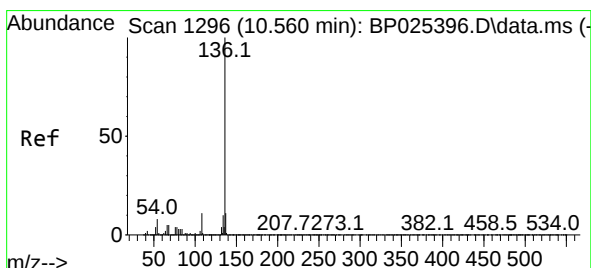
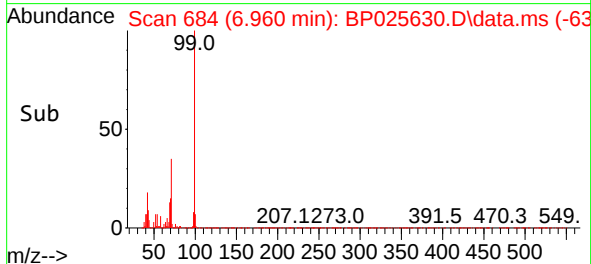
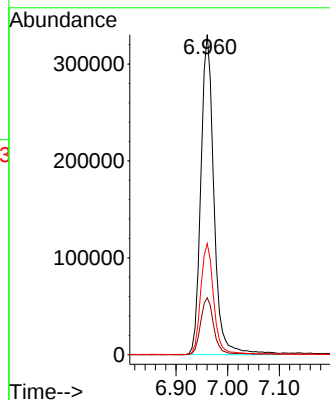
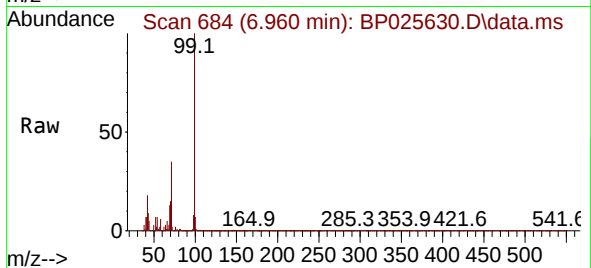




#7
Phenol-d6
Concen: 52.352 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

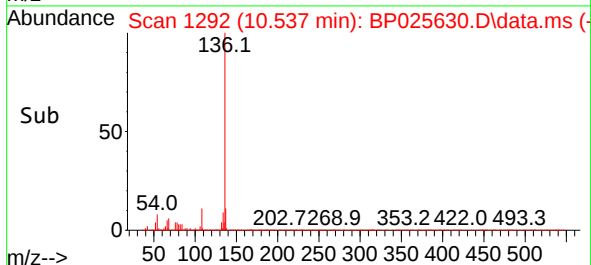
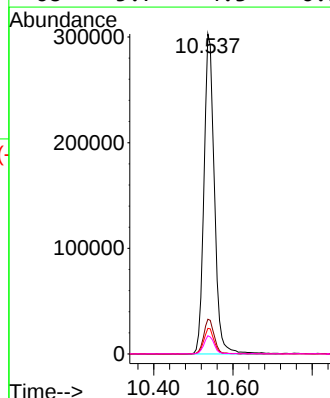
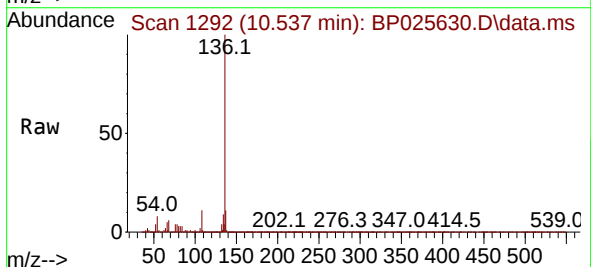
Instrument :
BNA_P
ClientSampleId :
SMALL-PIERS

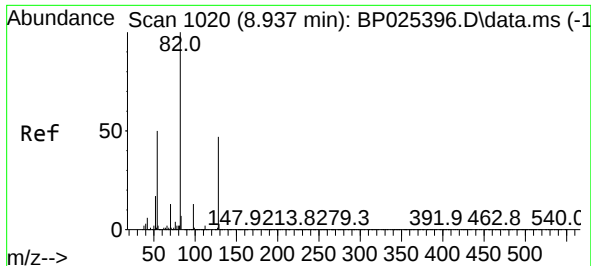
Tgt Ion: 99 Resp: 582700
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.7 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.024 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

Tgt Ion: 136 Resp: 552389
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.0 6.0 9.0
68 5.7 4.3 6.5

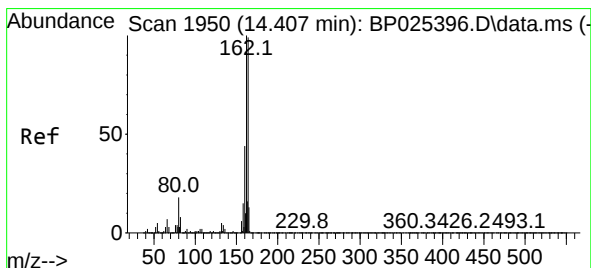
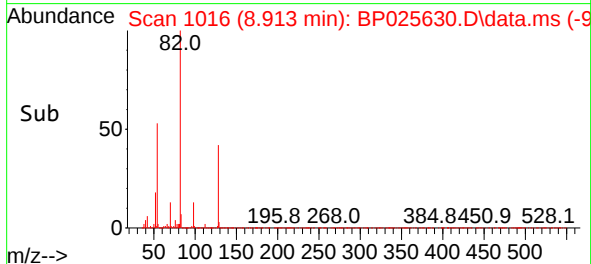
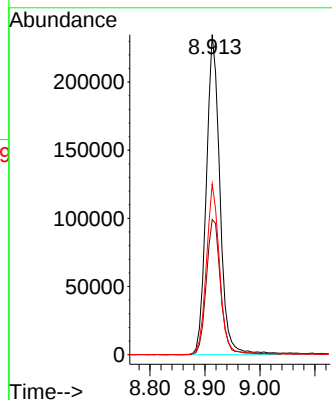
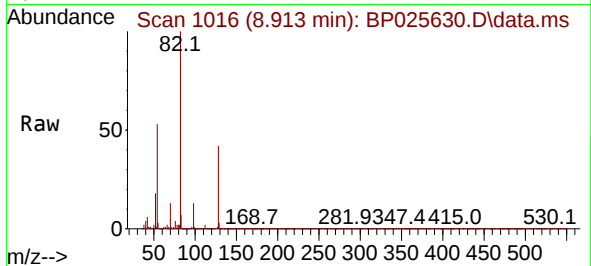




#23
Nitrobenzene-d5
Concen: 36.873 ng
RT: 8.913 min Scan# 10
Delta R.T. -0.024 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

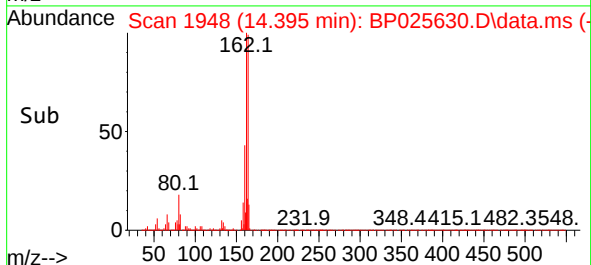
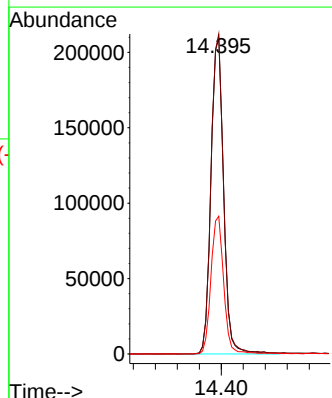
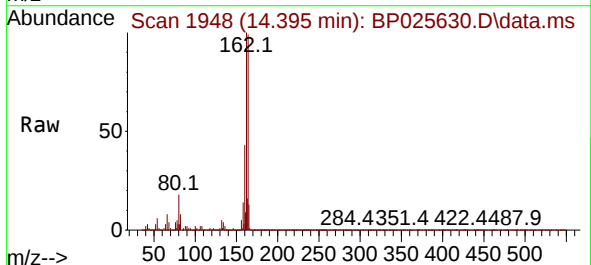
Instrument :
BNA_P
ClientSampleId :
SMALL-PIERS

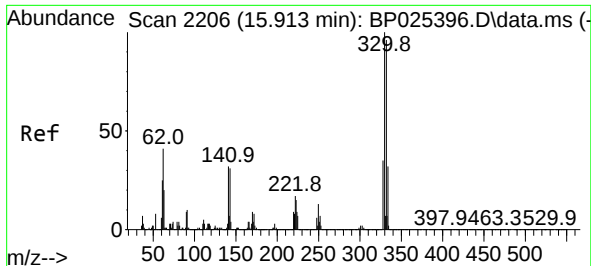
Tgt Ion: 82 Resp: 402649
Ion Ratio Lower Upper
82 100
128 42.2 37.7 56.5
54 53.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

Tgt Ion:164 Resp: 334373
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 43.7 35.4 53.2

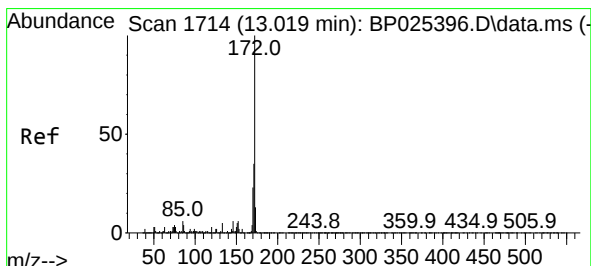
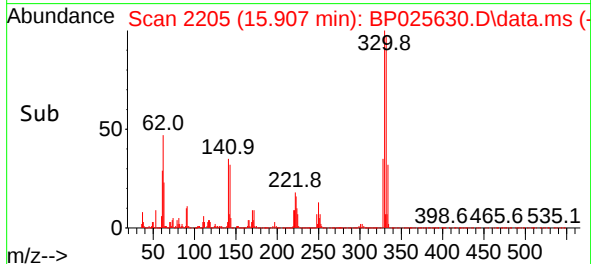
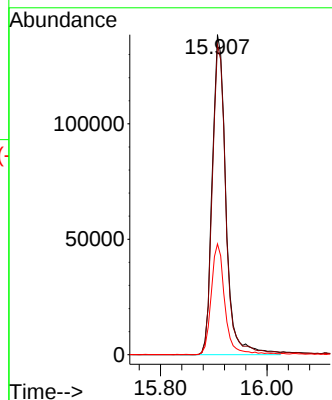
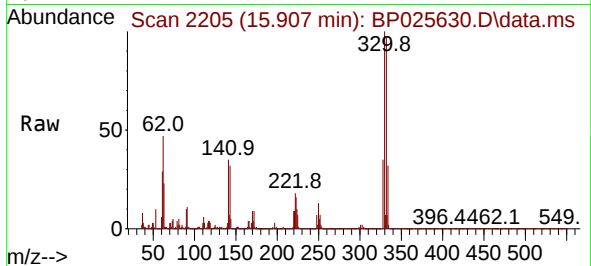




#42
2,4,6-Tribromophenol
Concen: 54.882 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

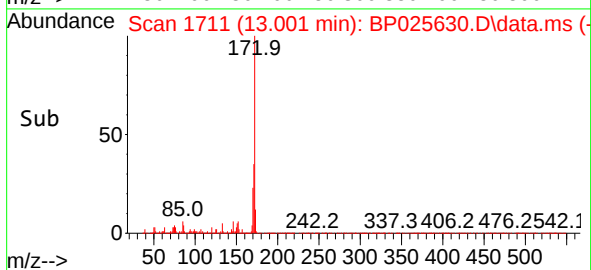
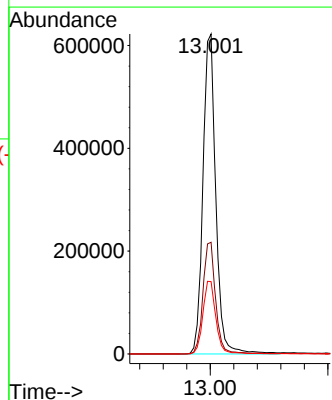
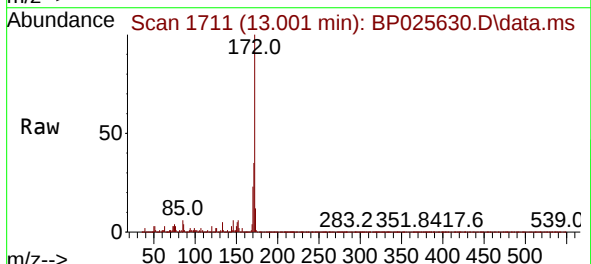
Instrument :
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ClientSampleId :
SMALL-PIERS

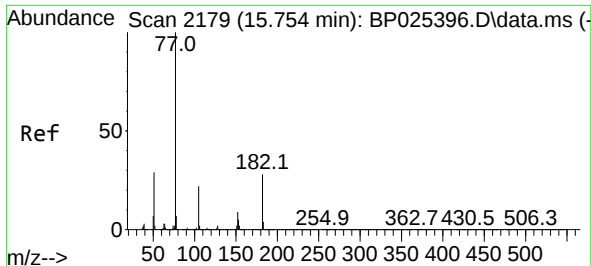
Tgt Ion:330 Resp: 247007
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 34.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 38.498 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

Tgt Ion:172 Resp: 941884
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.6 18.6 28.0

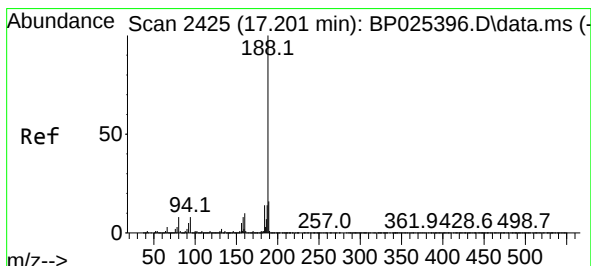
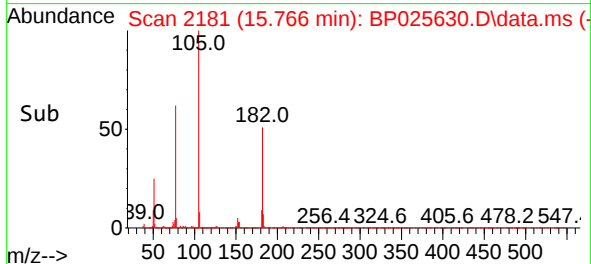
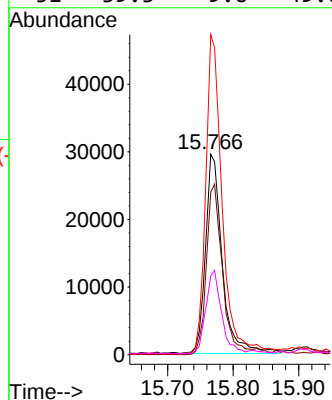
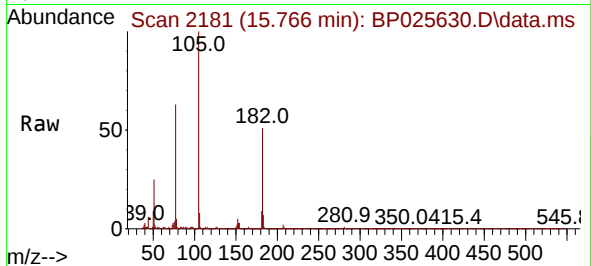




#63
Azobenzene
Concen: 2.469 ng
RT: 15.766 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

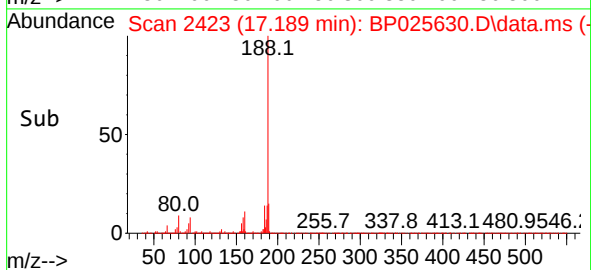
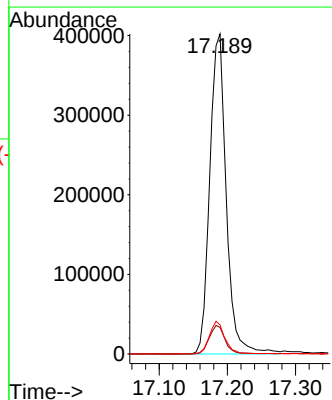
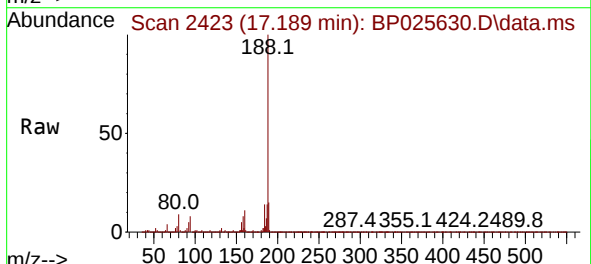
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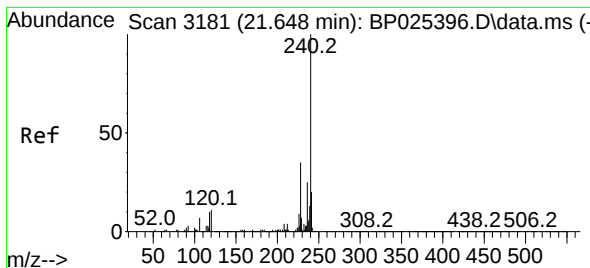
Tgt Ion: 77	Resp: 52609
Ion Ratio	Lower Upper
77 100	
182 81.1	7.5 47.5#
105 159.6	2.1 42.1#
51 39.3	9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

Tgt Ion: 188	Resp: 676739
Ion Ratio	Lower Upper
188 100	
94 8.3	6.6 10.0
80 9.0	6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP025630.D

Acq: 29 Aug 2025 18:07

Instrument :

BNA_P

ClientSampleId :

SMALL-PIERS

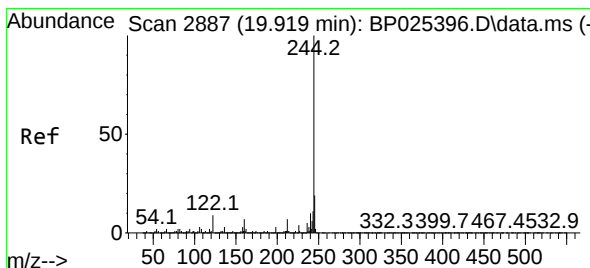
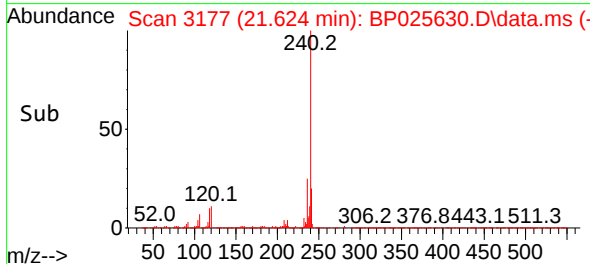
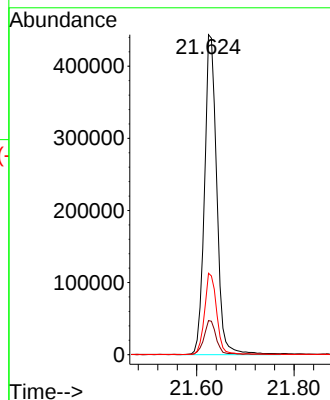
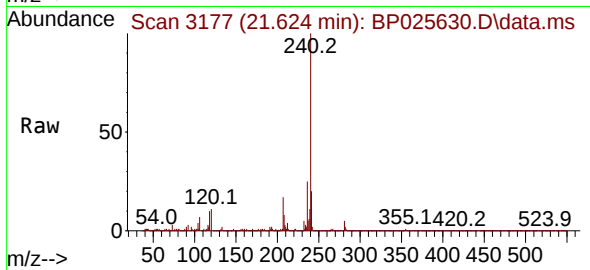
Tgt Ion:240 Resp: 773119

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 39.208 ng

RT: 19.901 min Scan# 2884

Delta R.T. -0.018 min

Lab File: BP025630.D

Acq: 29 Aug 2025 18:07

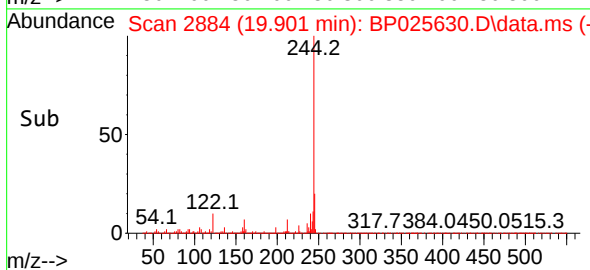
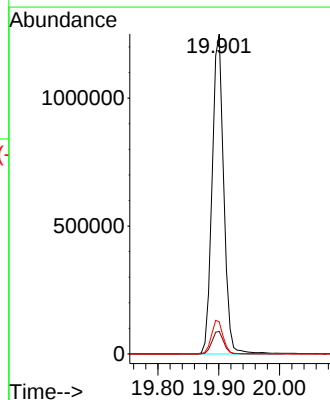
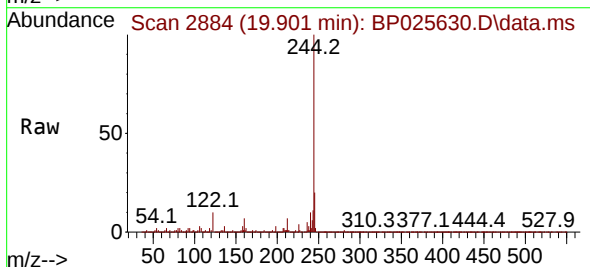
Tgt Ion:244 Resp: 1656813

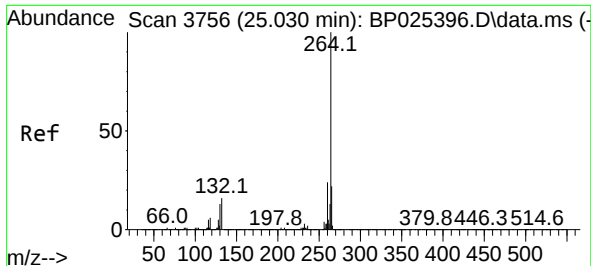
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.0 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025630.D
Acq: 29 Aug 2025 18:07

Instrument :
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Tgt Ion:264 Resp: 908306

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.5	17.4	26.0

