

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025587.D
 Acq On : 26 Aug 2025 15:55
 Operator : CG/JU
 Sample : Q2940-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP(1-6)

Quant Time: Aug 26 16:38:03 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)

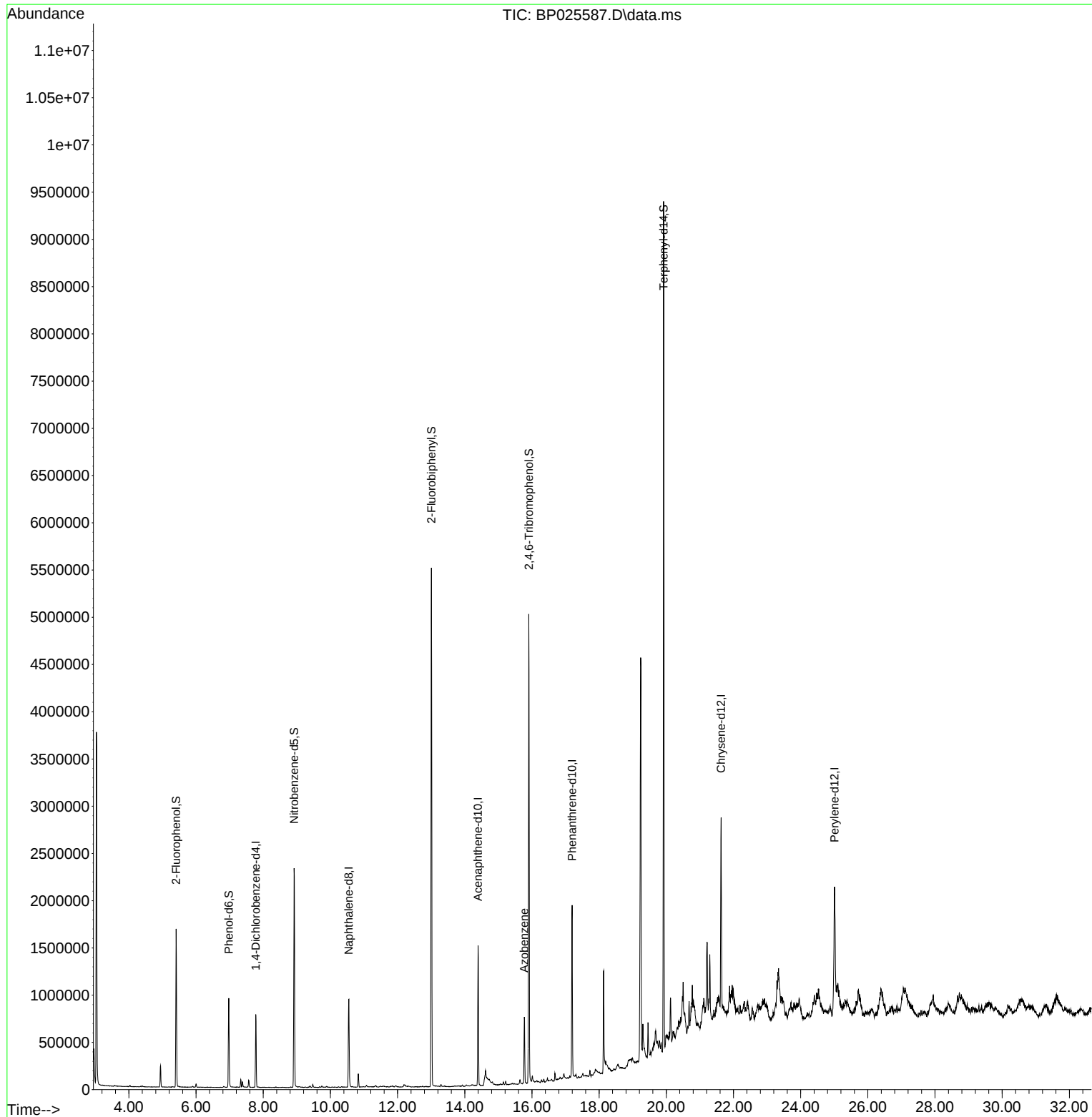
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	211725	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	834041	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	524535	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1067930	20.000	ng	0.00
76) Chrysene-d12	21.630	240	1093964	20.000	ng	-0.02
86) Perylene-d12	25.007	264	1294671	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	746385	58.544	ng	0.00
7) Phenol-d6	6.972	99	555902	34.010	ng	0.00
23) Nitrobenzene-d5	8.919	82	1342078	81.399	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	1025168	145.202	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	3043371	79.296	ng	-0.01
79) Terphenyl-d14	19.919	244	4396832	73.534	ng	0.00
Target Compounds						
63) Azobenzene	15.772	77	203267	6.082	ng	Qvalue # 1

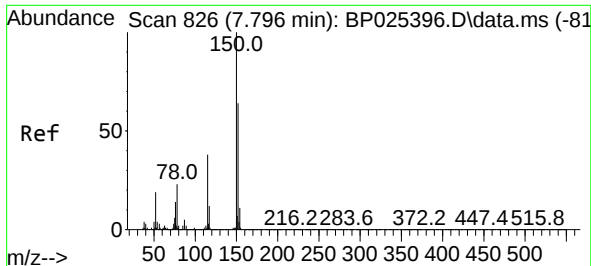
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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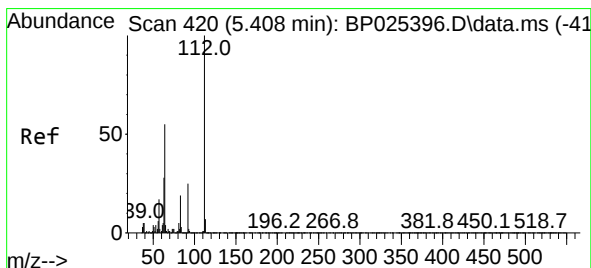
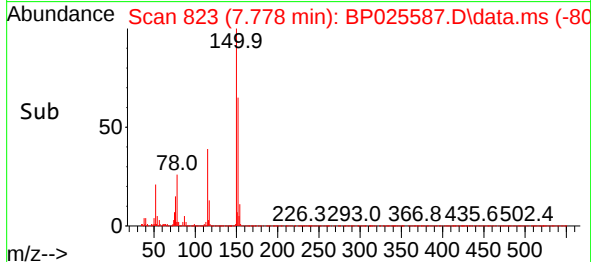
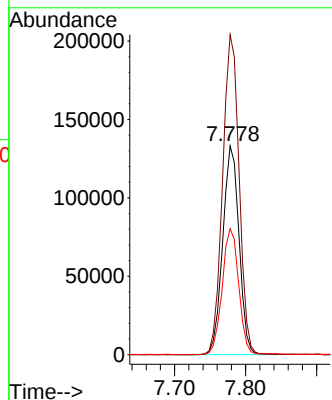
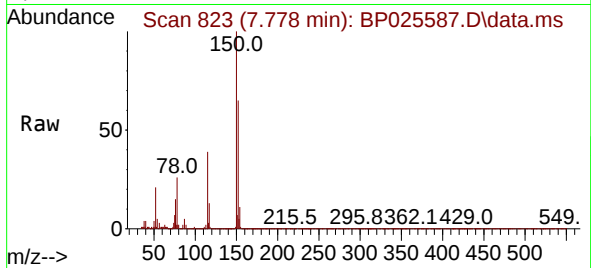




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025587.D
 Acq: 26 Aug 2025 15:55

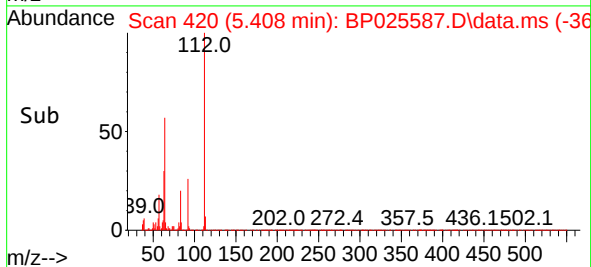
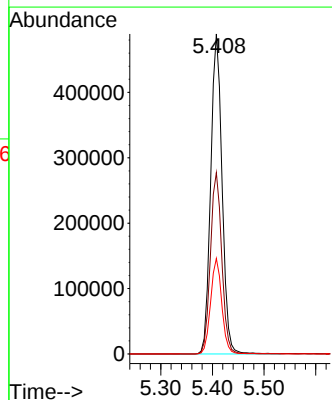
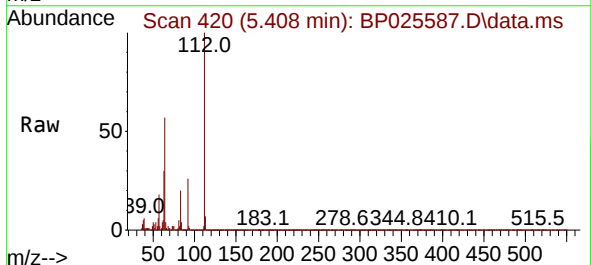
Instrument :
 BNA_P
 ClientSampleId :
 COMP(1-6)

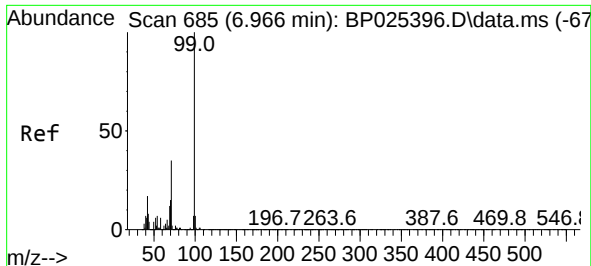
Tgt Ion:152 Resp: 211725
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.9 188.9
 115 60.5 48.5 72.7



#5
 2-Fluorophenol
 Concen: 58.544 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025587.D
 Acq: 26 Aug 2025 15:55

Tgt Ion:112 Resp: 746385
 Ion Ratio Lower Upper
 112 100
 64 56.7 43.8 65.8
 63 29.9 22.7 34.1

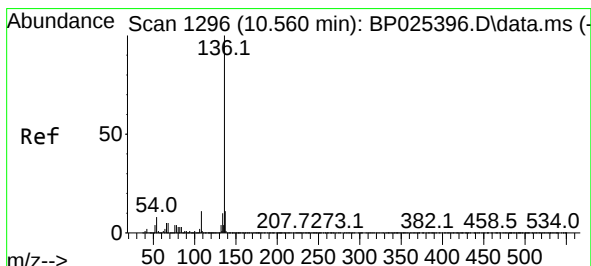
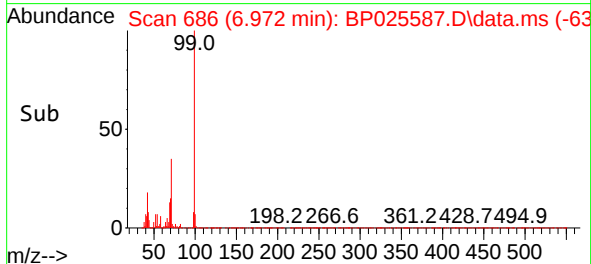
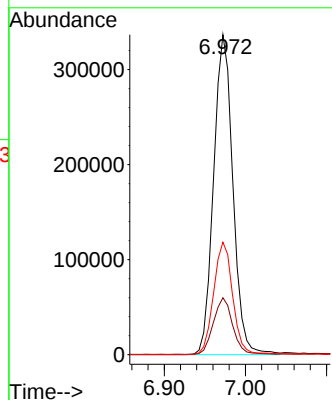
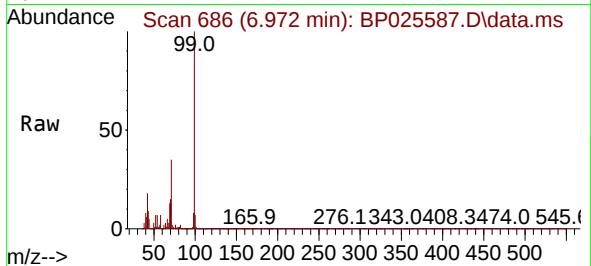




#7
Phenol-d6
Concen: 34.010 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

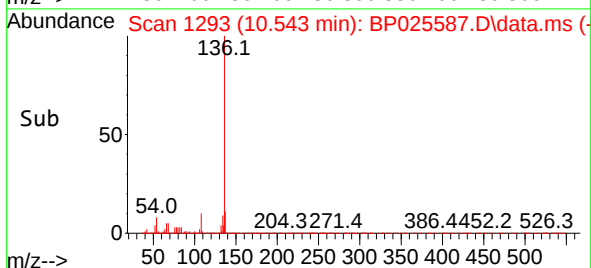
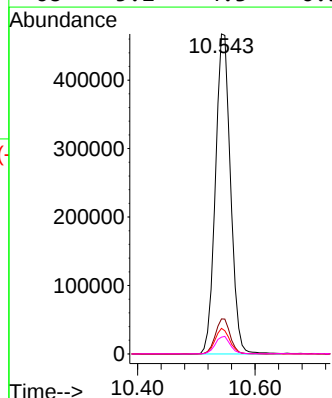
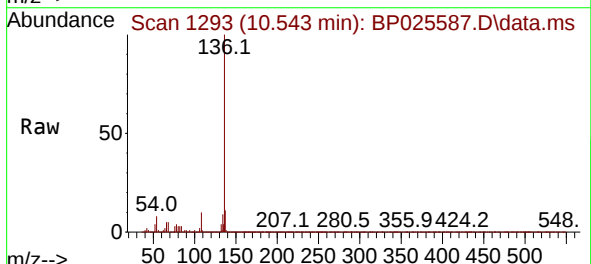
Instrument :
BNA_P
ClientSampleId :
COMP(1-6)

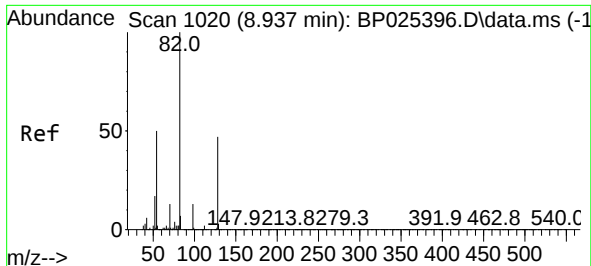
Tgt Ion: 99 Resp: 555902
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 35.1 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

Tgt Ion:136 Resp: 834041
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.0 6.0 9.0
68 5.2 4.3 6.5

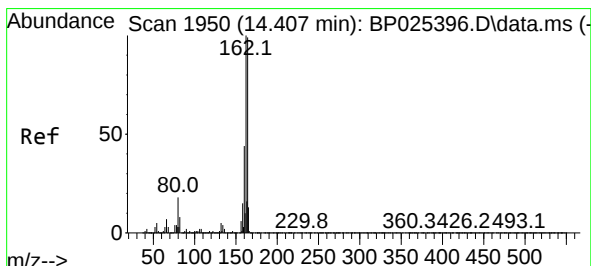
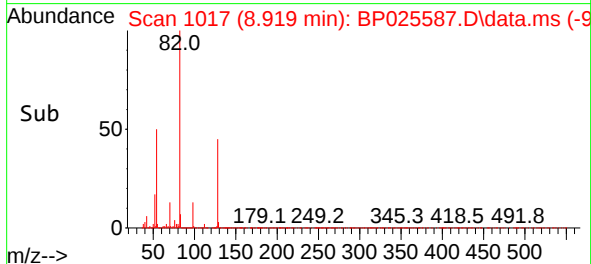
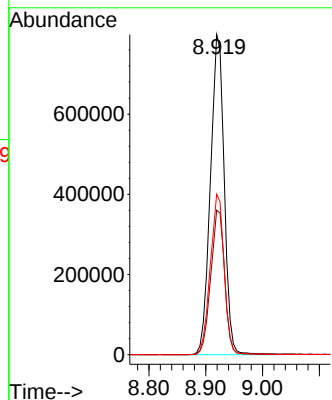
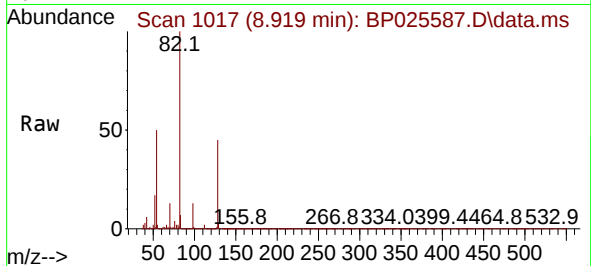




#23
Nitrobenzene-d5
Concen: 81.399 ng
RT: 8.919 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

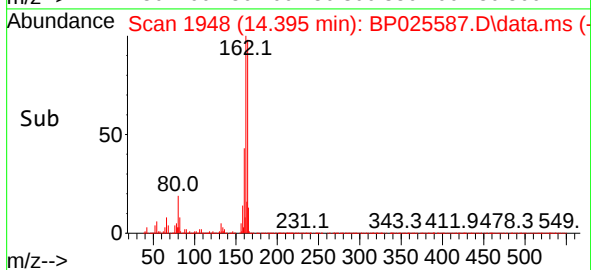
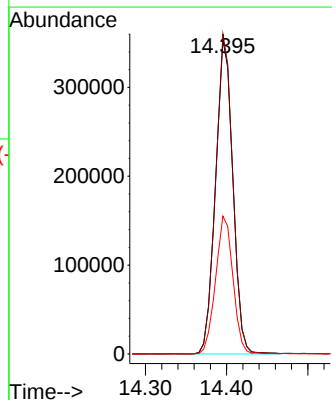
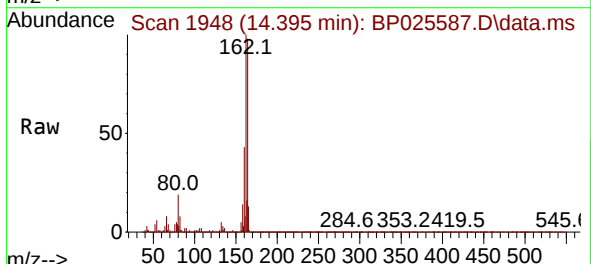
Instrument :
BNA_P
ClientSampleId :
COMP(1-6)

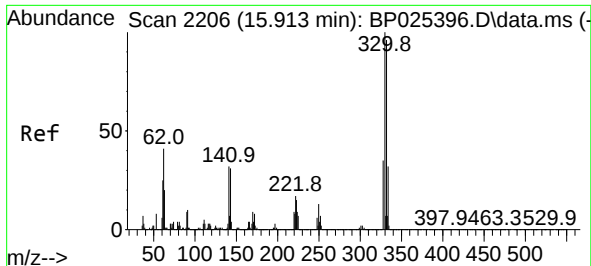
Tgt Ion: 82 Resp: 1342078
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 50.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

Tgt Ion:164 Resp: 524535
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 43.9 35.4 53.2

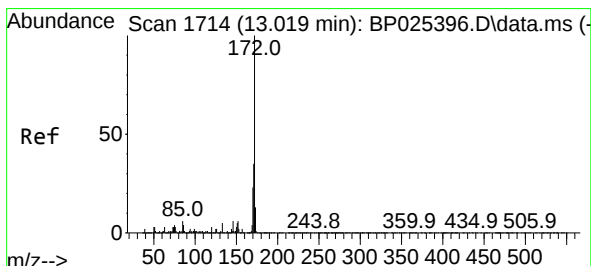
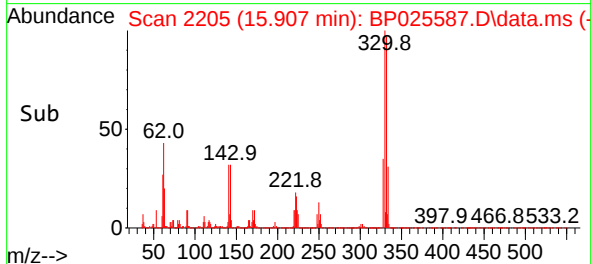
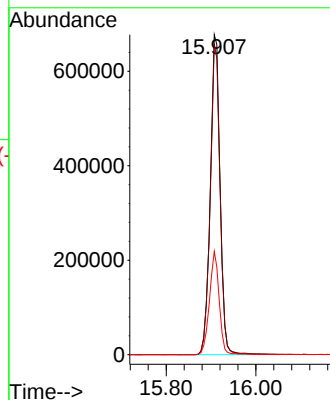
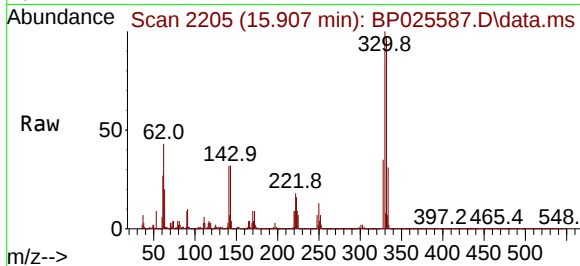




#42
2,4,6-Tribromophenol
Concen: 145.202 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

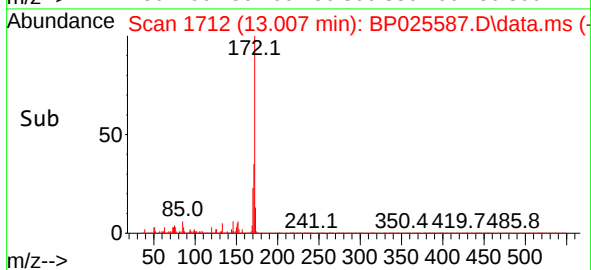
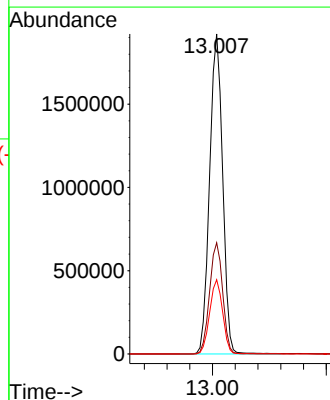
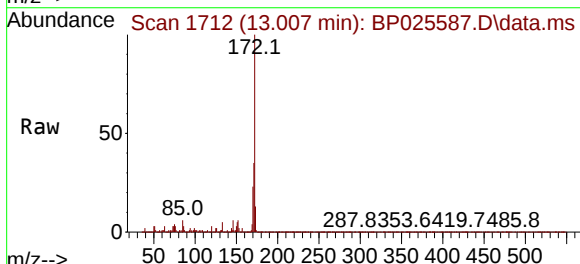
Instrument :
BNA_P
ClientSampleId :
COMP(1-6)

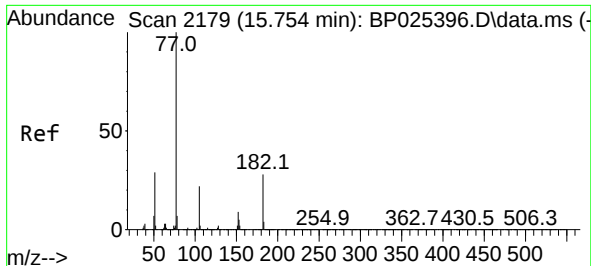
Tgt Ion:330 Resp: 1025168
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 79.296 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

Tgt Ion:172 Resp: 3043371
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.2 18.6 28.0

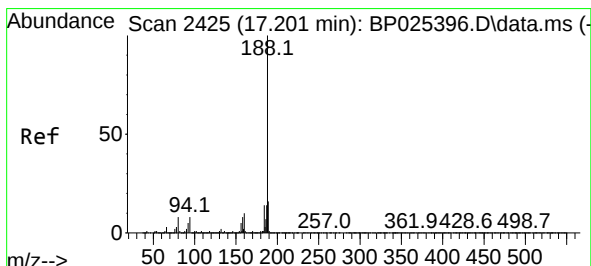
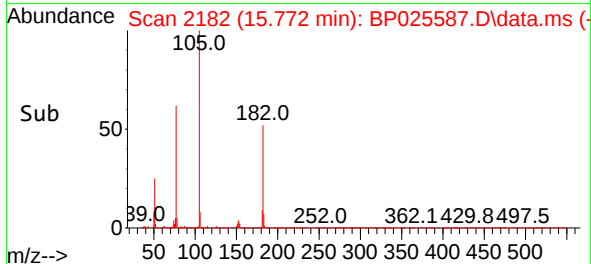
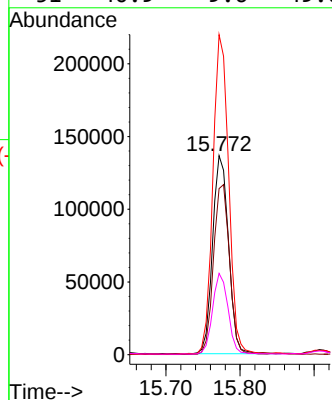
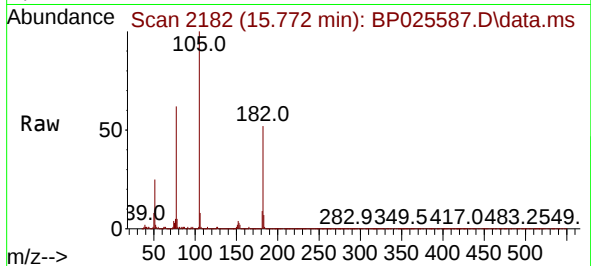




#63
Azobenzene
Concen: 6.082 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

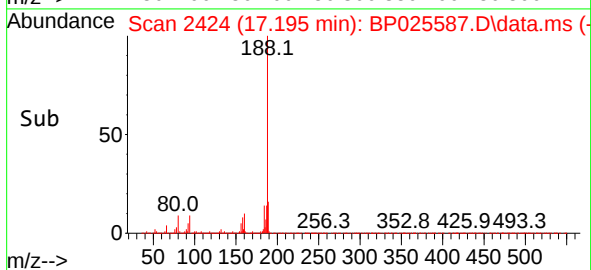
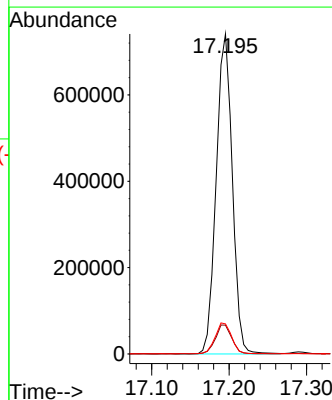
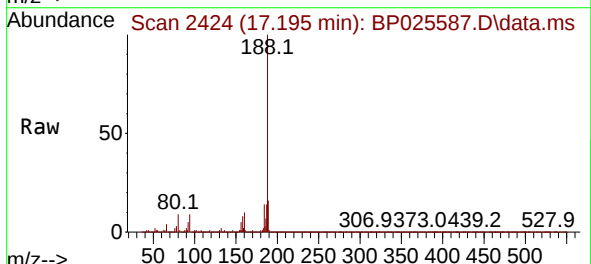
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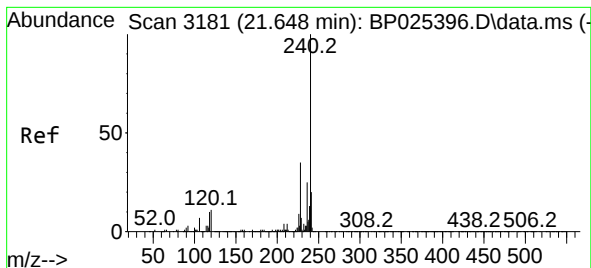
Tgt Ion: 77 Resp: 203267
Ion Ratio Lower Upper
77 100
182 83.4 7.5 47.5#
105 160.7 2.1 42.1#
51 40.9 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

Tgt Ion:188 Resp: 1067930
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.4 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3181

Delta R.T. -0.018 min

Lab File: BP025587.D

Acq: 26 Aug 2025 15:55

Instrument :

BNA_P

ClientSampleId :

COMP(1-6)

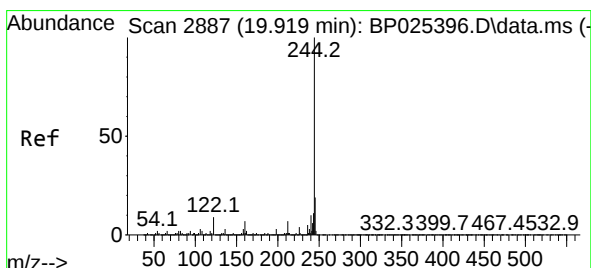
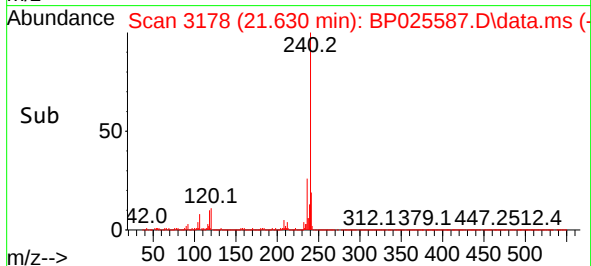
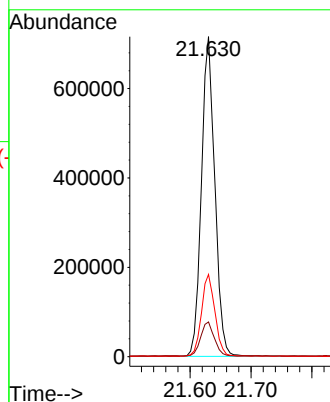
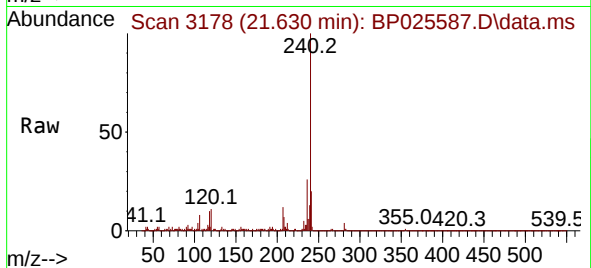
Tgt Ion:240 Resp: 1093964

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 73.534 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025587.D

Acq: 26 Aug 2025 15:55

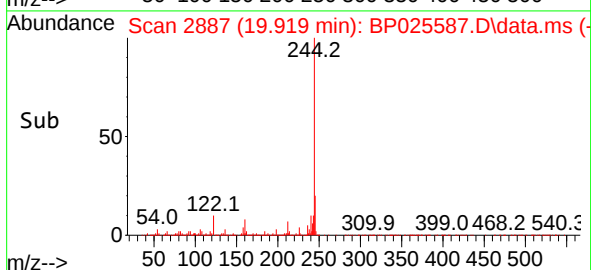
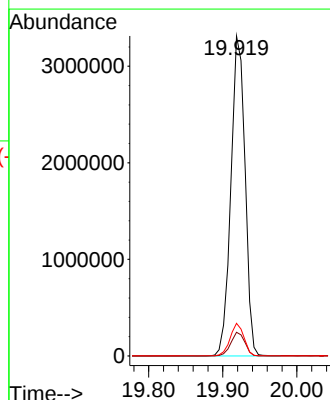
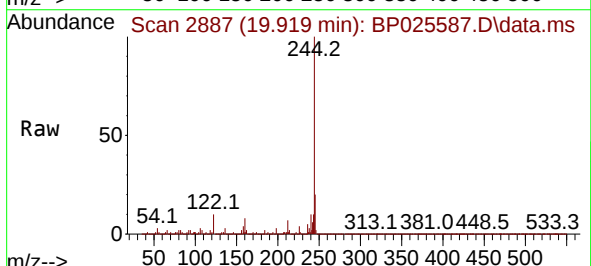
Tgt Ion:244 Resp: 4396832

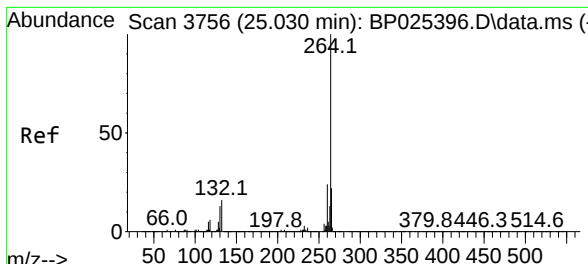
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

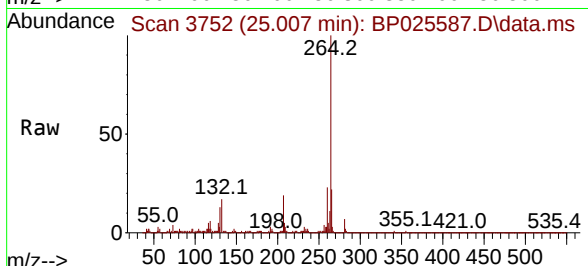
122 10.2 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP025587.D
Acq: 26 Aug 2025 15:55

Instrument :
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Tgt Ion:264 Resp: 1294671

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	22.3	17.4	26.0

