

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025524.D
 Acq On : 21 Aug 2025 02:37
 Operator : CG/JU
 Sample : Q2819-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 03:07:25 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)

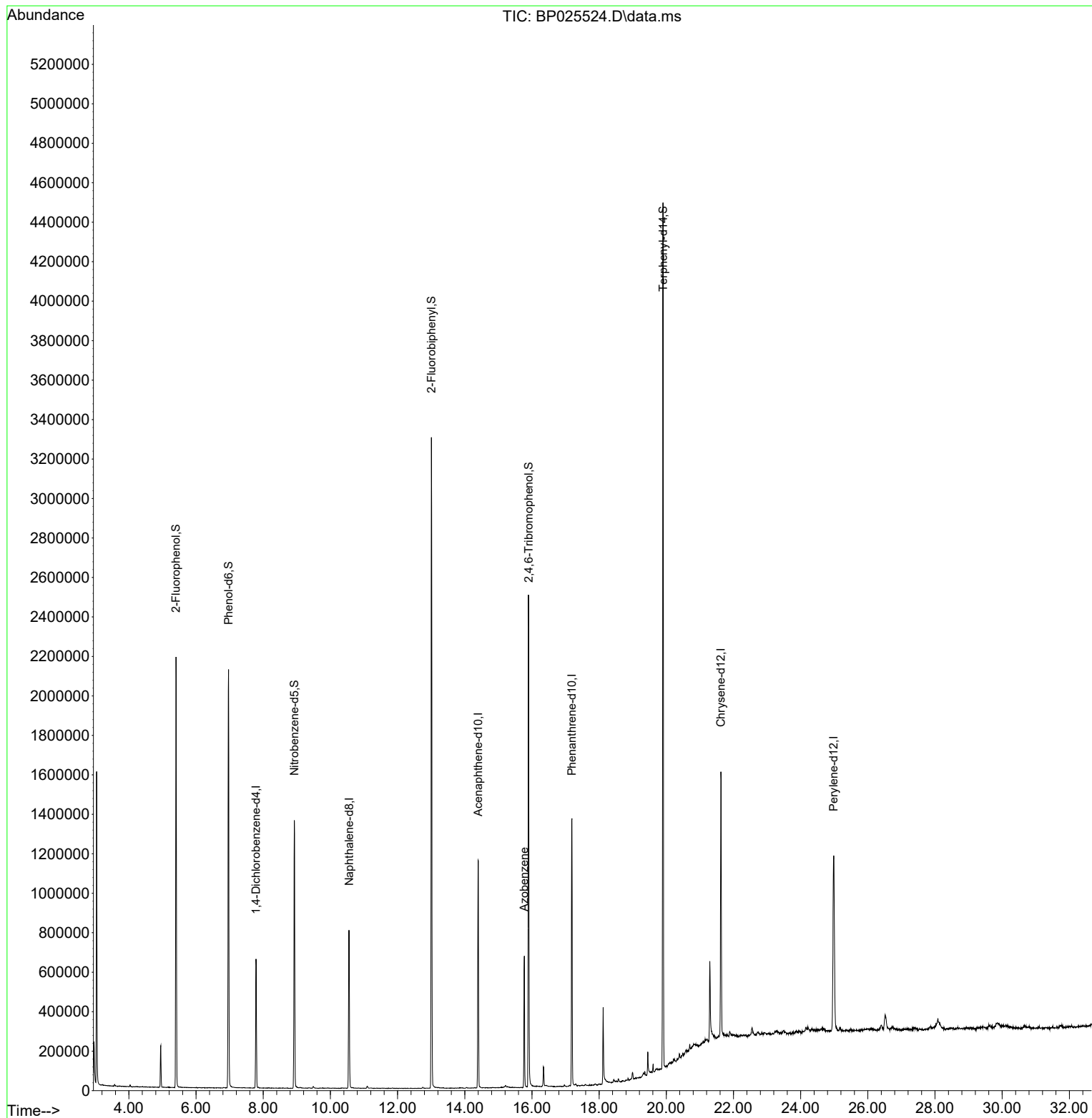
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	187825	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	720442	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	433642	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	813225	20.000	ng	-0.02
76) Chrysene-d12	21.624	240	805252	20.000	ng	-0.02
86) Perylene-d12	24.983	264	975515	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	928905	82.131	ng	0.00
7) Phenol-d6	6.966	99	1204823	83.089	ng	0.00
23) Nitrobenzene-d5	8.925	82	791373	55.566	ng	-0.01
42) 2,4,6-Tribromophenol	15.901	330	490950	84.112	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	1704930	53.733	ng	-0.01
79) Terphenyl-d14	19.901	244	2269990	51.575	ng	-0.02
Target Compounds						
63) Azobenzene	15.772	77	180338	6.527	ng	Qvalue # 1

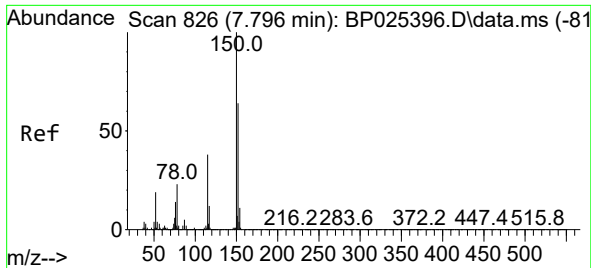
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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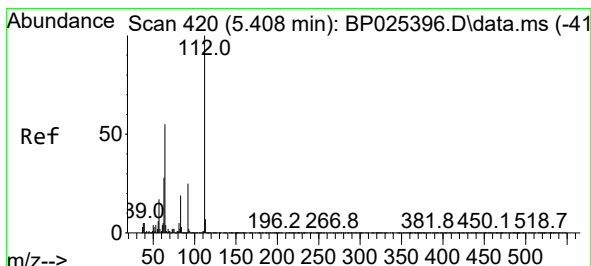
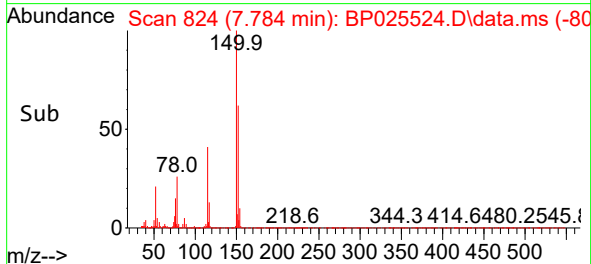
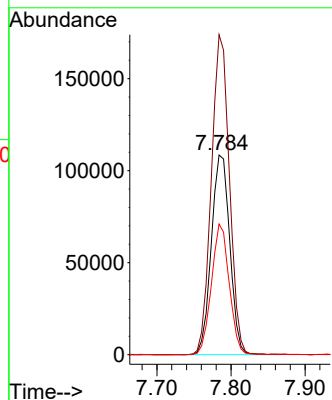
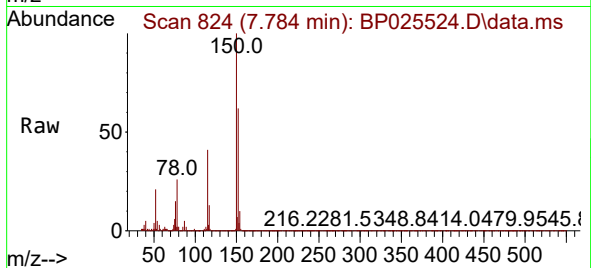




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

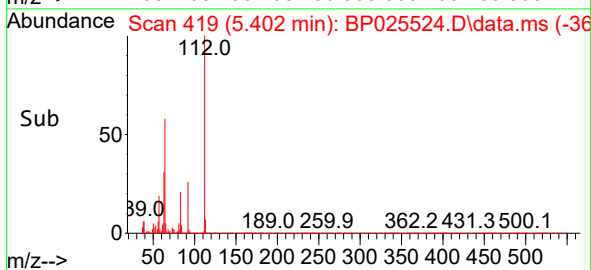
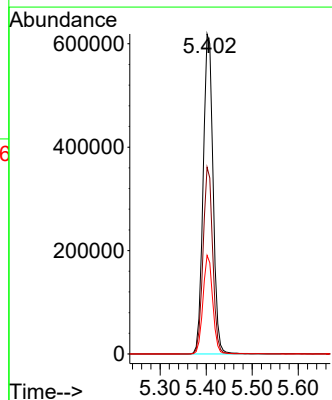
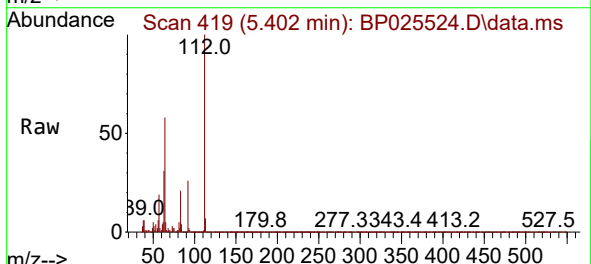
Instrument :
BNA_P
ClientSampleId :

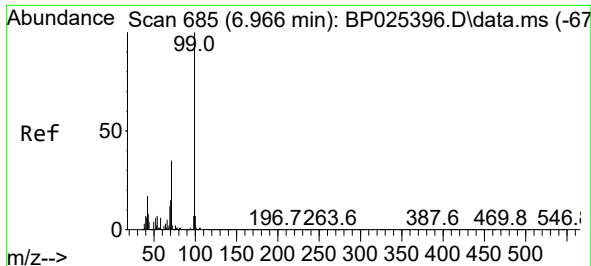
Tgt Ion:152 Resp: 187825
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 65.5 48.5 72.7



#5
2-Fluorophenol
Concen: 82.131 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

Tgt Ion:112 Resp: 928905
Ion Ratio Lower Upper
112 100
64 58.3 43.8 65.8
63 30.8 22.7 34.1



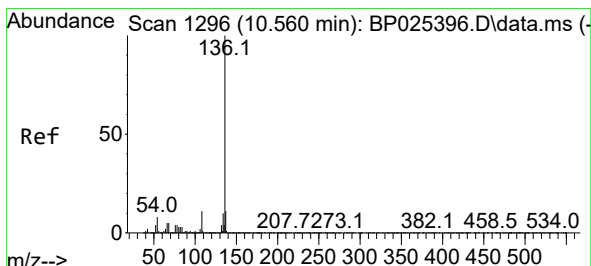
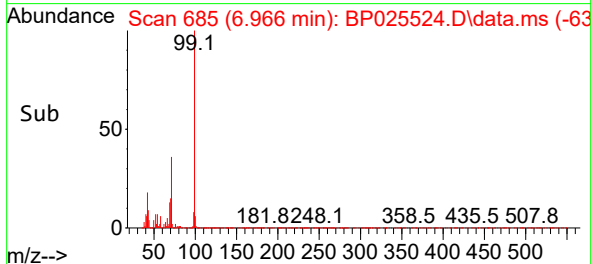
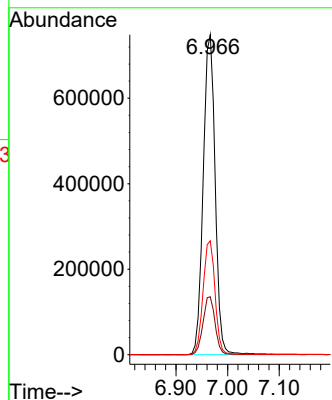
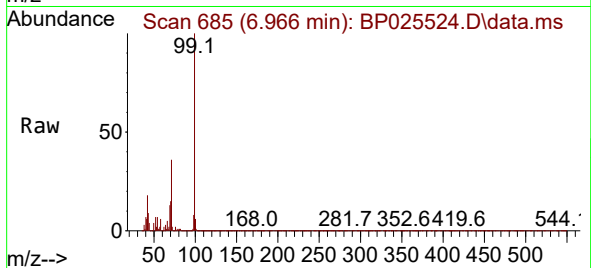


#7
Phenol-d6
Concen: 83.089 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1204823

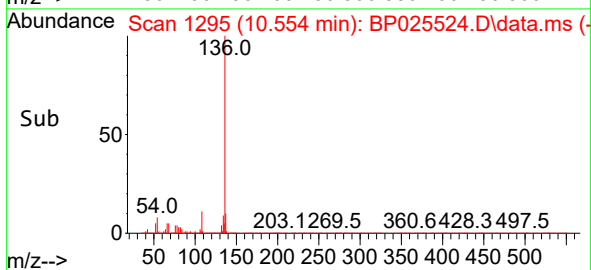
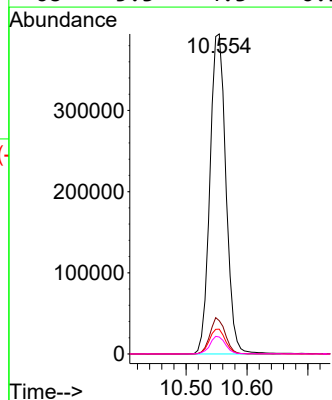
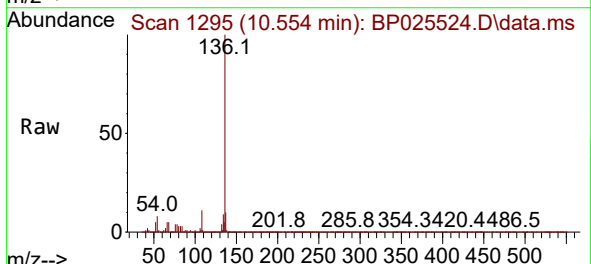
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	35.6	28.2	42.4

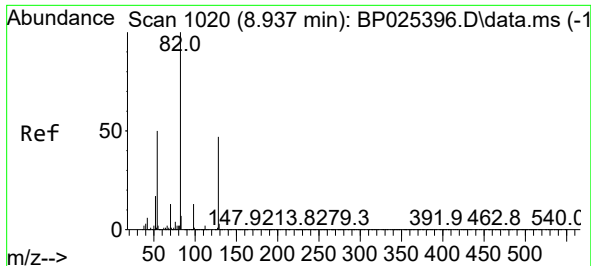


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

Tgt Ion: 136 Resp: 720442

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	7.8	6.0	9.0
68	5.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 55.566 ng

RT: 8.925 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BP025524.D

Acq: 21 Aug 2025 02:37

Instrument :

BNA_P

ClientSampleId :

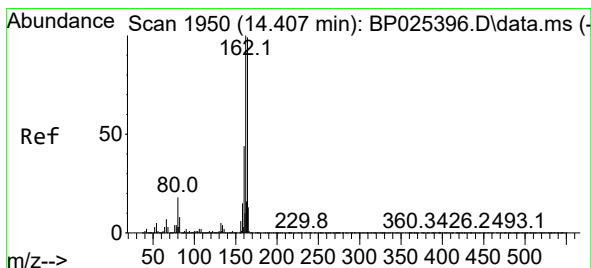
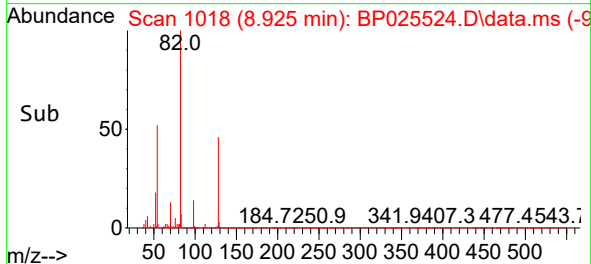
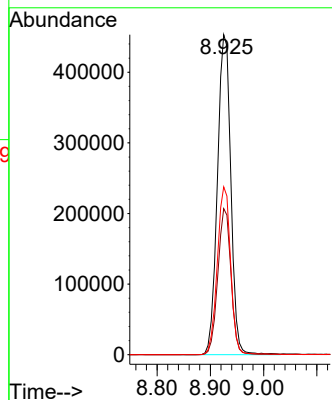
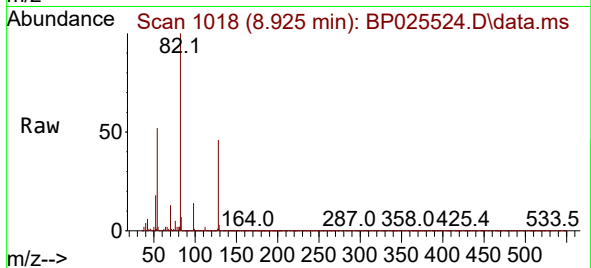
Tgt Ion: 82 Resp: 791373

Ion Ratio Lower Upper

82 100

128 45.6 37.7 56.5

54 52.4 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: BP025524.D

Acq: 21 Aug 2025 02:37

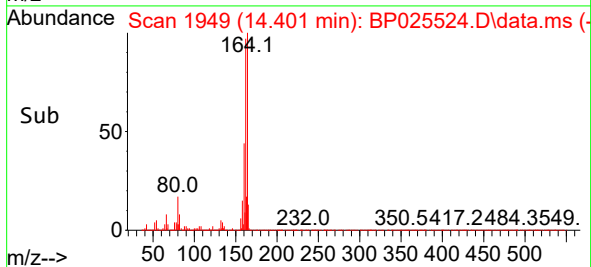
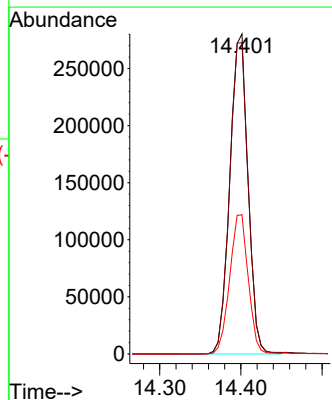
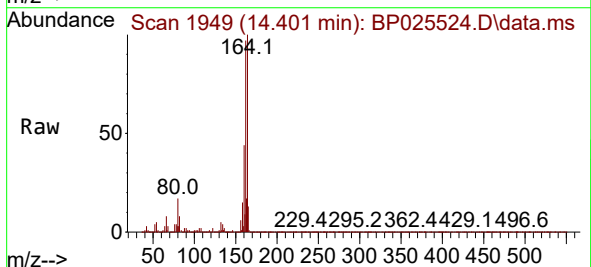
Tgt Ion:164 Resp: 433642

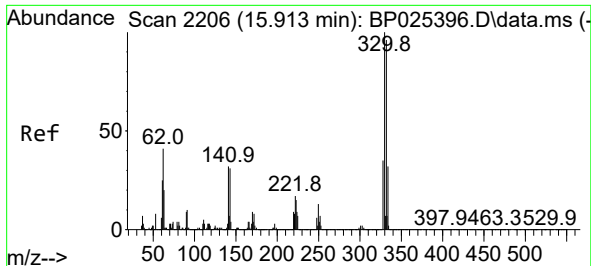
Ion Ratio Lower Upper

164 100

162 97.3 81.0 121.6

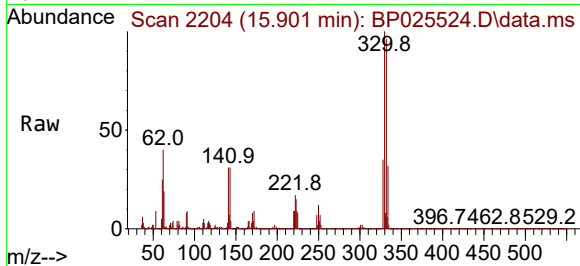
160 43.5 35.4 53.2



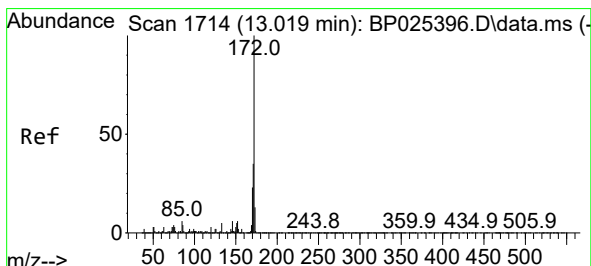
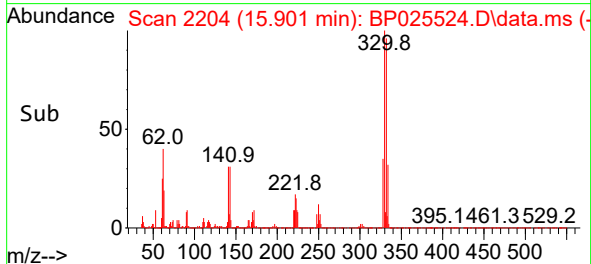
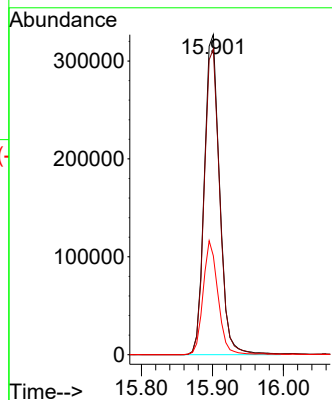


#42
2,4,6-Tribromophenol
Concen: 84.112 ng
RT: 15.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

Instrument :
BNA_P
ClientSampleId :

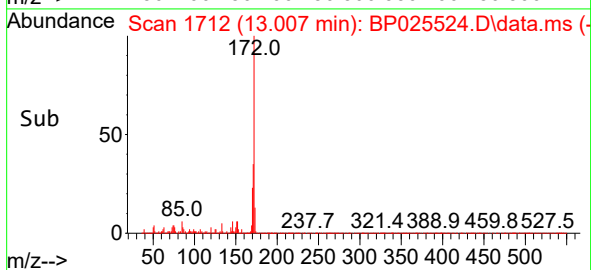
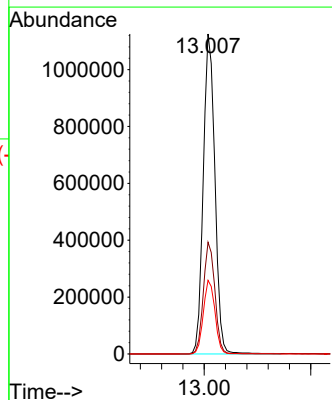
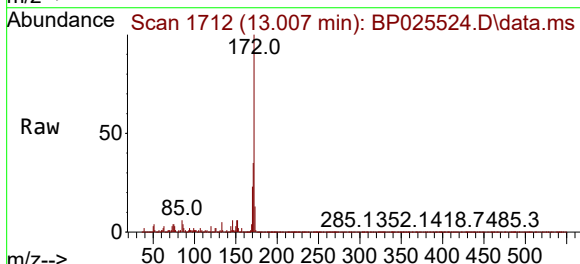


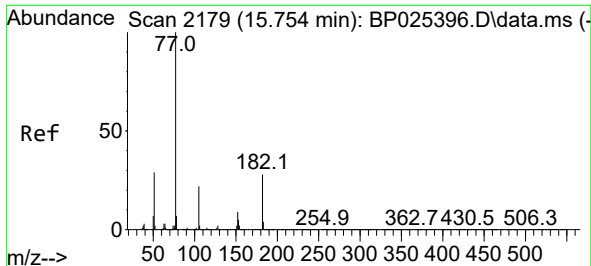
Tgt Ion:330 Resp: 490950
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 34.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 53.733 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

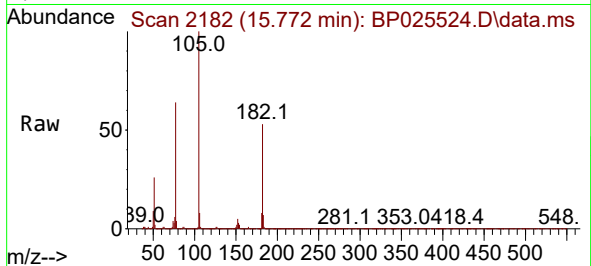
Tgt Ion:172 Resp: 1704930
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.0 18.6 28.0



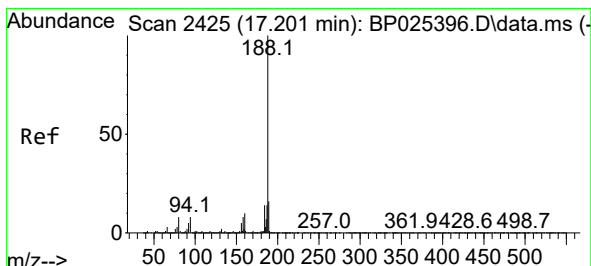
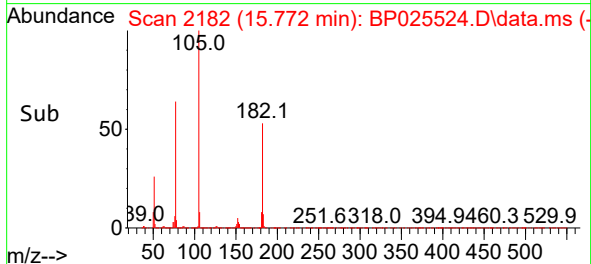
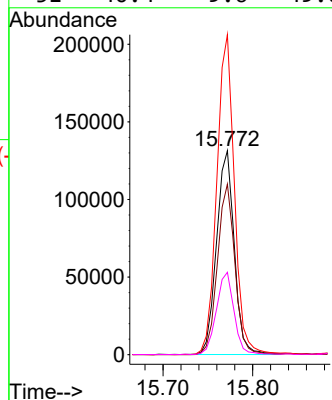


#63
Azobenzene
Concen: 6.527 ng
RT: 15.772 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

Instrument :
BNA_P
ClientSampleId :

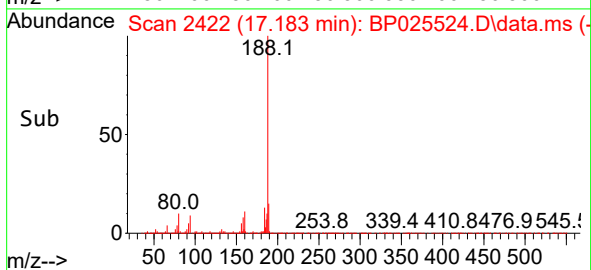
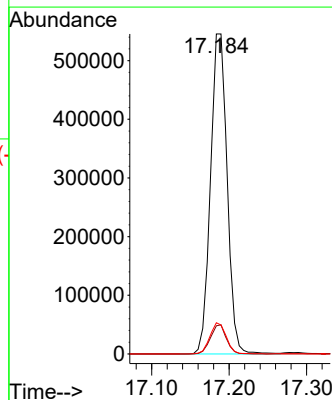
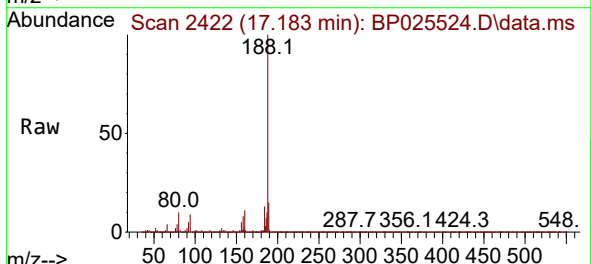


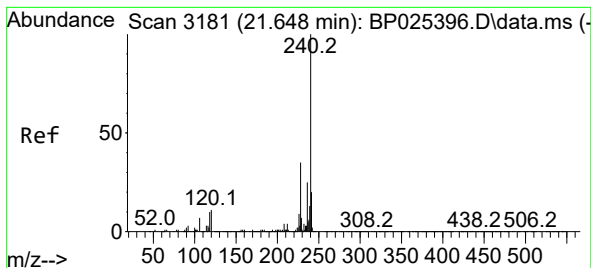
Tgt Ion: 77 Resp: 180338
Ion Ratio Lower Upper
77 100
182 83.6 7.5 47.5#
105 156.9 2.1 42.1#
51 40.4 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP025524.D
Acq: 21 Aug 2025 02:37

Tgt Ion: 188 Resp: 813225
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP025524.D

Acq: 21 Aug 2025 02:37

Instrument :

BNA_P

ClientSampleId :

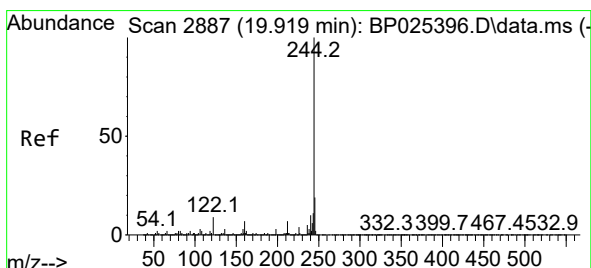
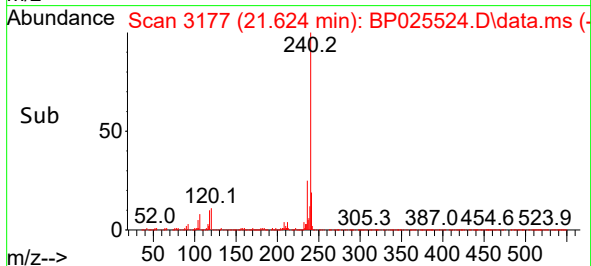
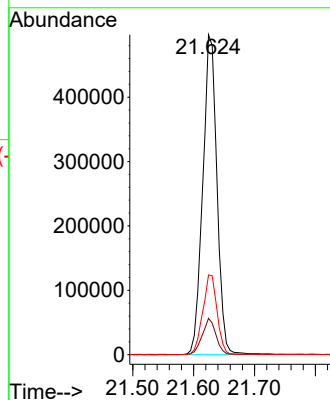
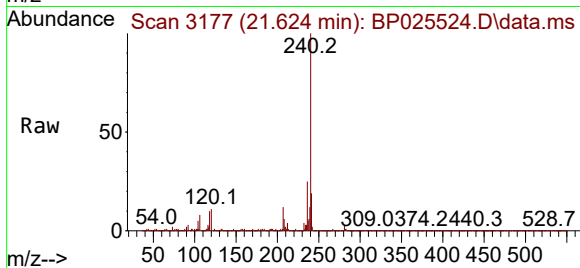
Tgt Ion:240 Resp: 805252

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 51.575 ng

RT: 19.901 min Scan# 2884

Delta R.T. -0.018 min

Lab File: BP025524.D

Acq: 21 Aug 2025 02:37

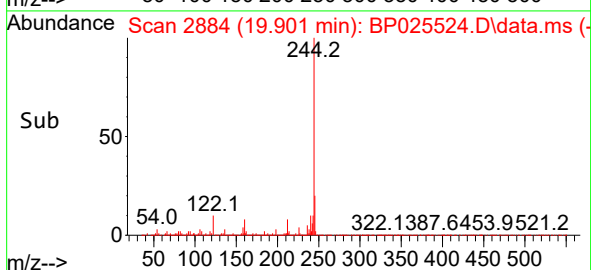
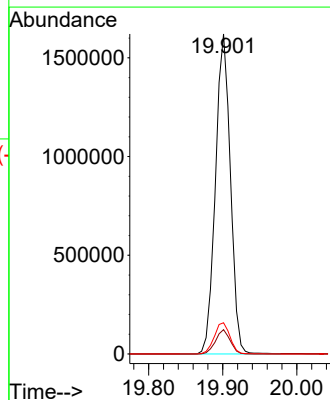
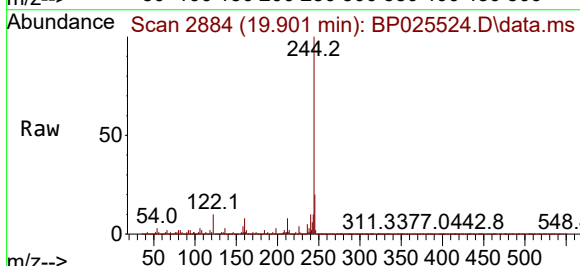
Tgt Ion:244 Resp: 2269990

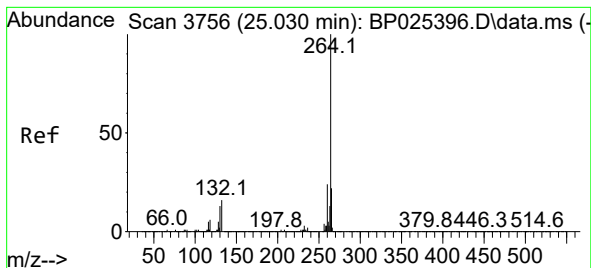
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 9.8 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.983 min Scan# 31

Delta R.T. -0.047 min

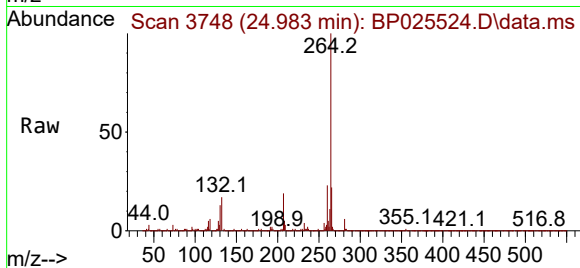
Lab File: BP025524.D

Acq: 21 Aug 2025 02:37

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 975515

Ion Ratio Lower Upper

264 100

260 22.7 19.3 28.9

265 21.8 17.4 26.0

