

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025518.D
 Acq On : 20 Aug 2025 22:32
 Operator : CG/JU
 Sample : Q2819-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 84SB-E

Quant Time: Aug 21 01:39:17 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)

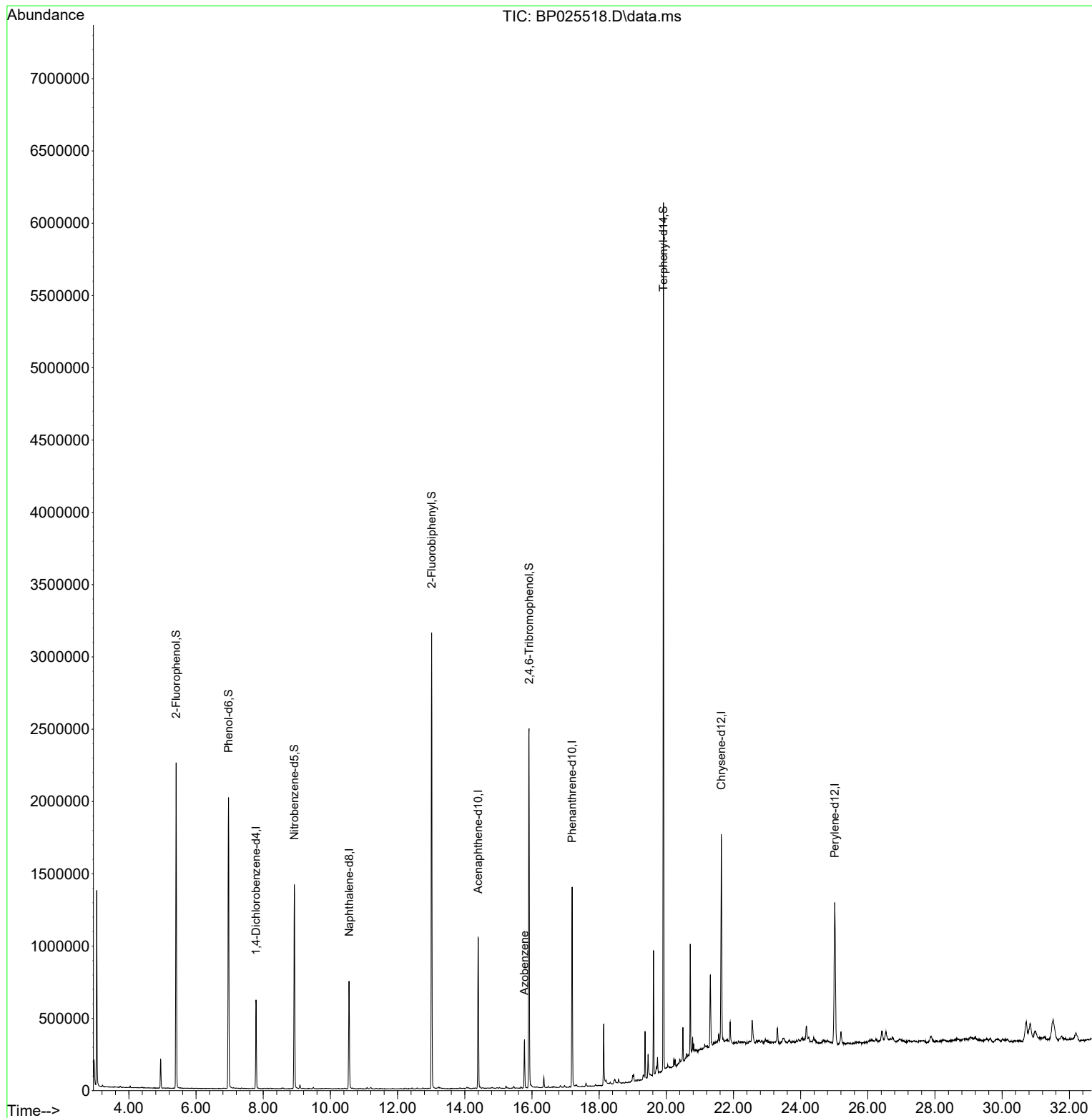
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	165240	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	628985	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	393407	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	801033	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	913525	20.000	ng	-0.01
86) Perylene-d12	25.013	264	999794	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	966554	97.141	ng	0.00
7) Phenol-d6	6.966	99	1190628	93.333	ng	0.00
23) Nitrobenzene-d5	8.925	82	812400	65.336	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	518755	97.965	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1594469	55.391	ng	0.00
79) Terphenyl-d14	19.913	244	2569178	51.454	ng	0.00
Target Compounds						
63) Azobenzene	15.778	77	98947	3.948	ng	# 1

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

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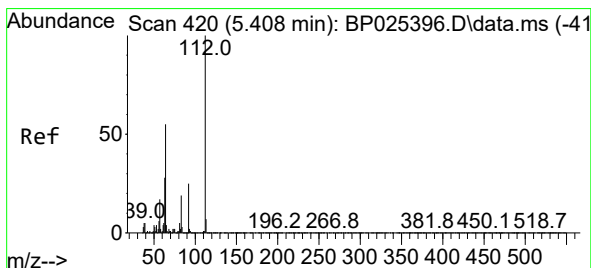
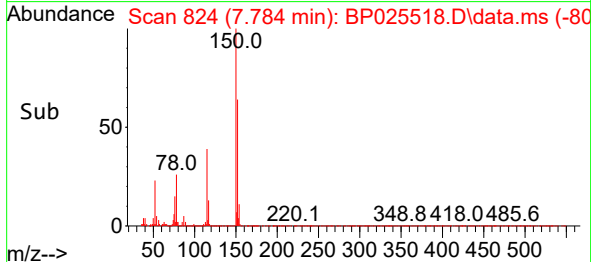
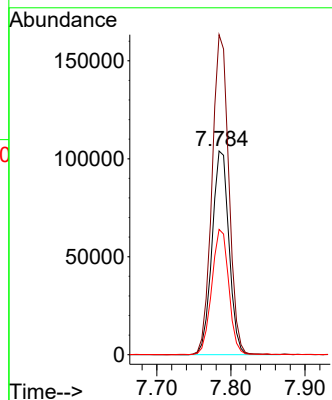
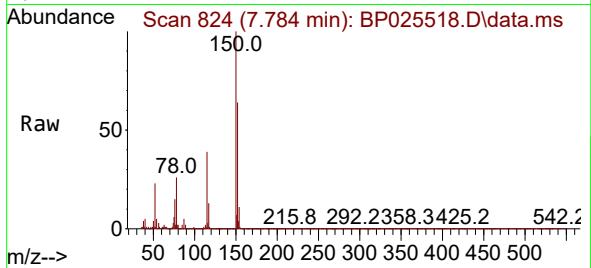




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

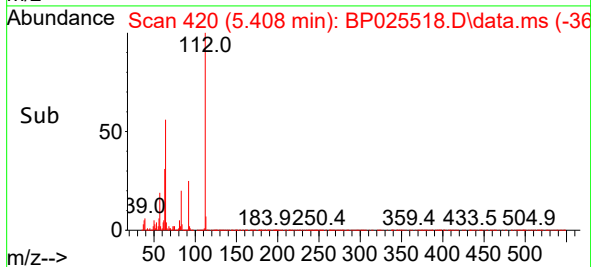
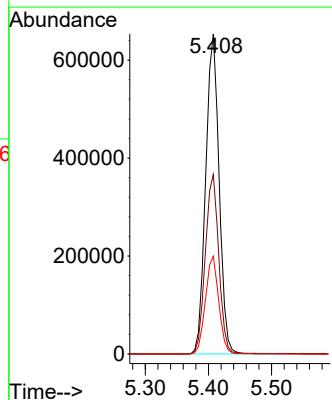
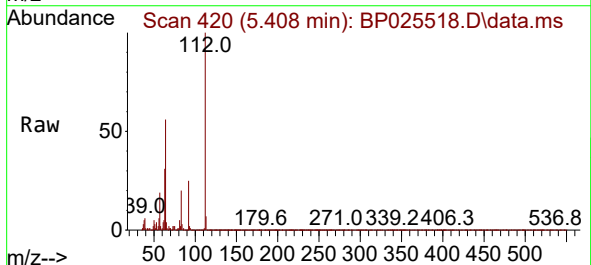
Instrument :
BNA_P
ClientSampleId :
84SB-E

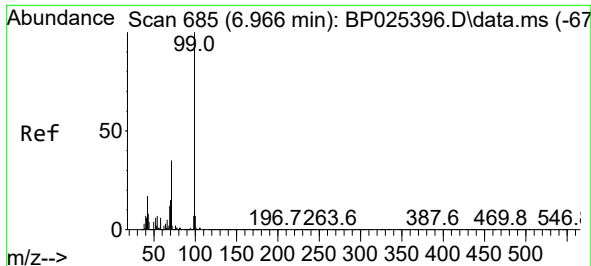
Tgt Ion:152 Resp: 165240
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 97.141 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion:112 Resp: 966554
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 30.5 22.7 34.1



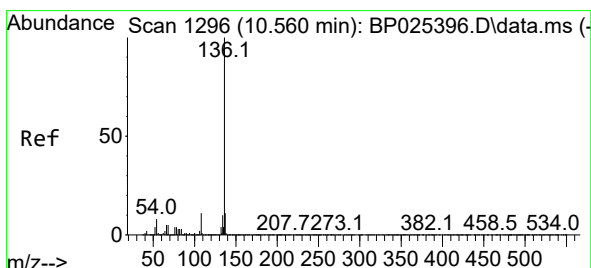
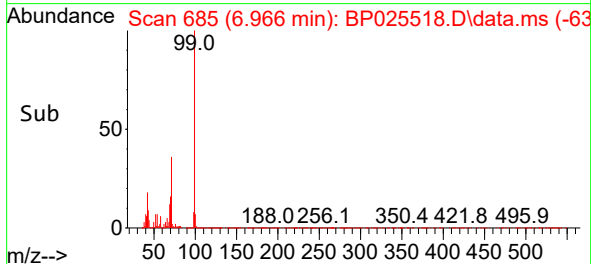
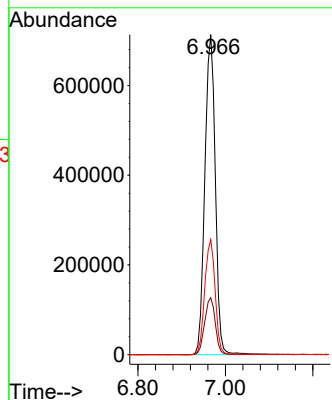
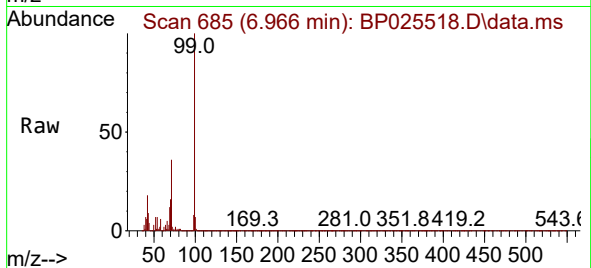


#7
Phenol-d6
Concen: 93.333 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :
84SB-E

Tgt Ion: 99 Resp: 1190628

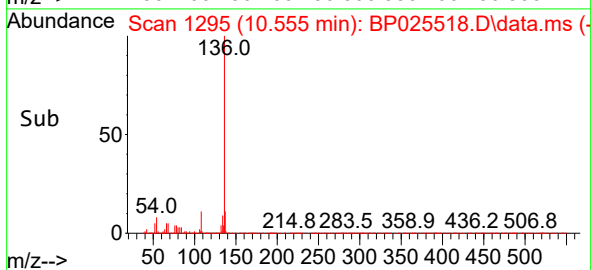
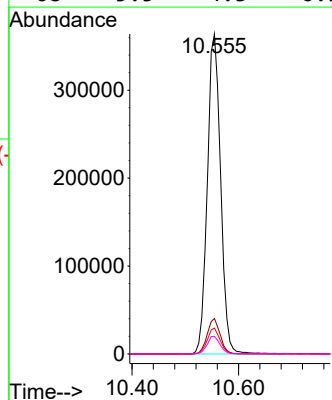
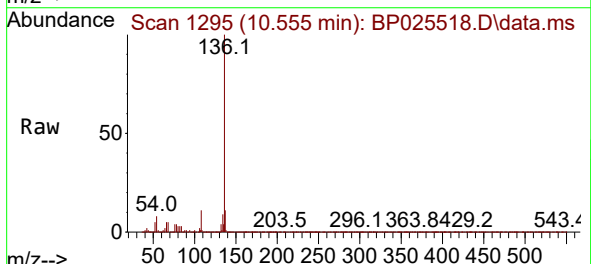
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.7	20.5
71	35.9	28.2	42.4

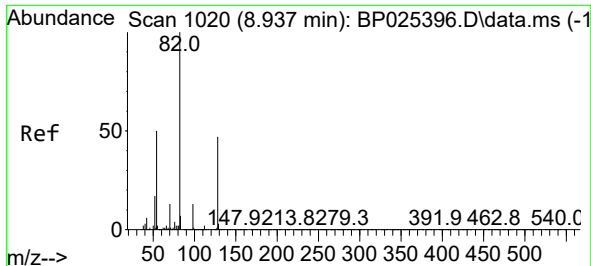


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion: 136 Resp: 628985

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.1	6.0	9.0
68	5.5	4.3	6.5

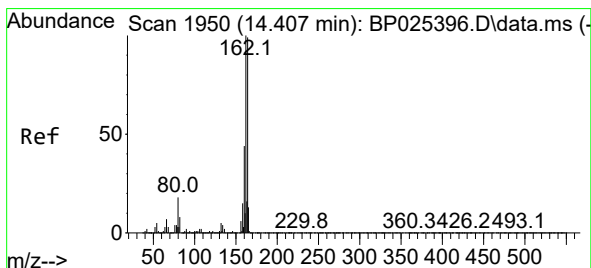
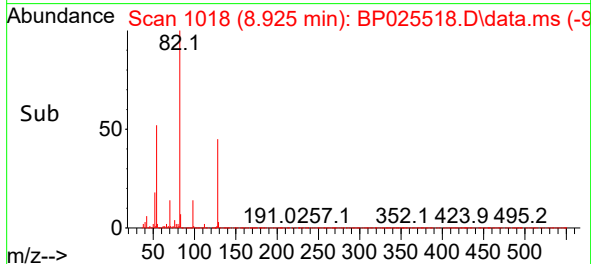
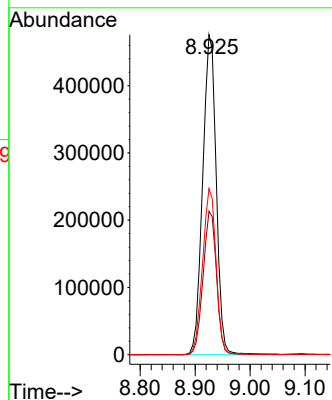
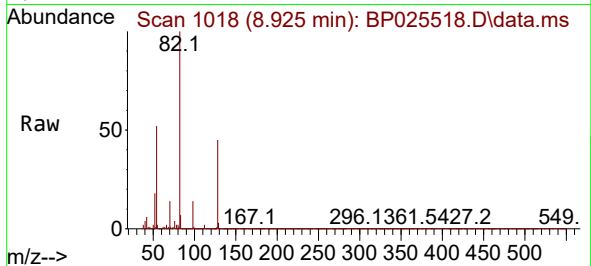




#23
Nitrobenzene-d5
Concen: 65.336 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

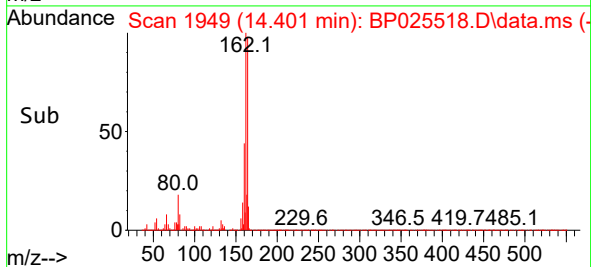
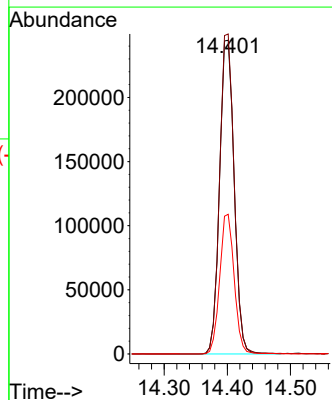
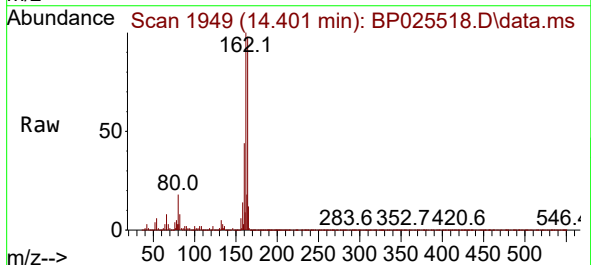
Instrument :
BNA_P
ClientSampleId :
84SB-E

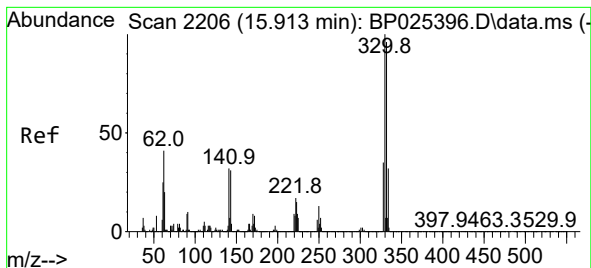
Tgt Ion: 82 Resp: 812400
Ion Ratio Lower Upper
82 100
128 44.8 37.7 56.5
54 51.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion: 164 Resp: 393407
Ion Ratio Lower Upper
164 100
162 102.0 81.0 121.6
160 44.5 35.4 53.2

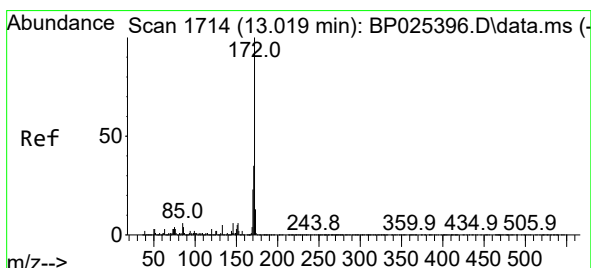
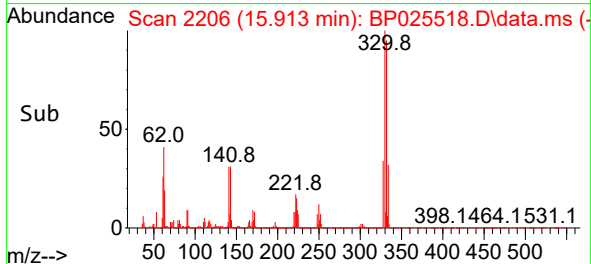
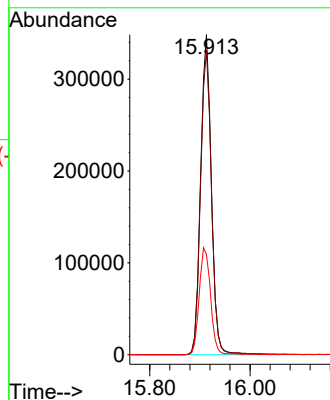
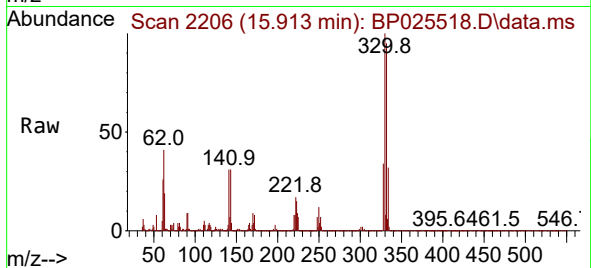




#42
 2,4,6-Tribromophenol
 Concen: 97.965 ng
 RT: 15.913 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025518.D
 Acq: 20 Aug 2025 22:32

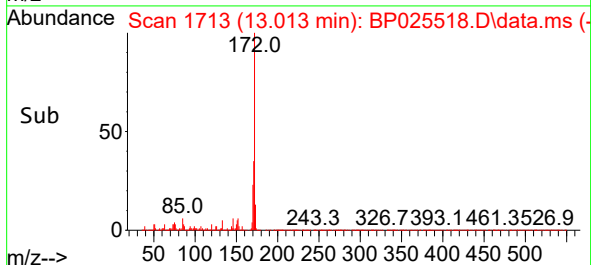
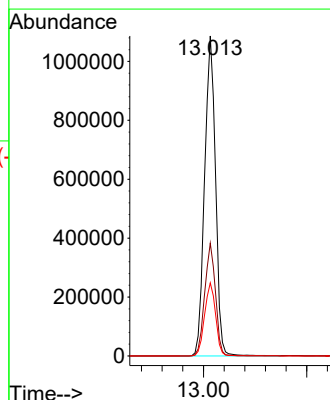
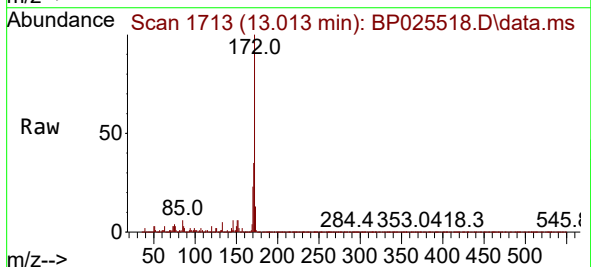
Instrument :
 BNA_P
 ClientSampleId :
 84SB-E

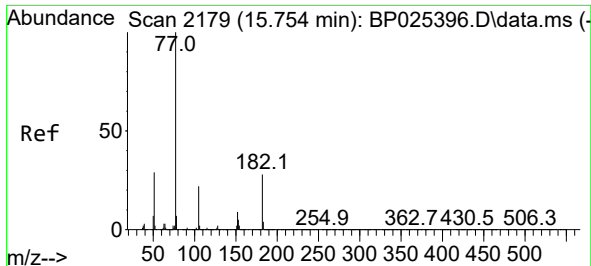
Tgt Ion:330 Resp: 518755
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 35.2 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 55.391 ng
 RT: 13.013 min Scan# 1713
 Delta R.T. -0.006 min
 Lab File: BP025518.D
 Acq: 20 Aug 2025 22:32

Tgt Ion:172 Resp: 1594469
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 22.8 18.6 28.0

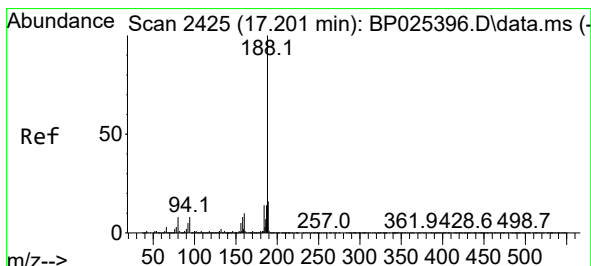
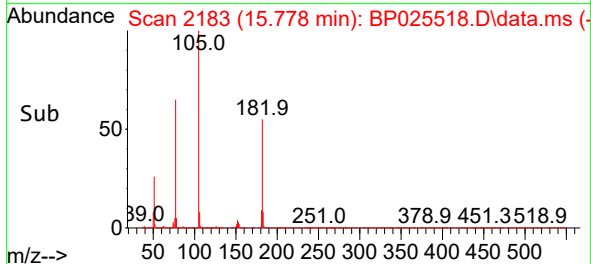
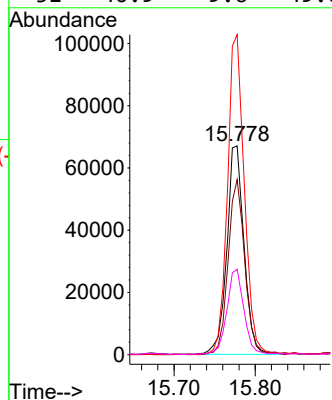
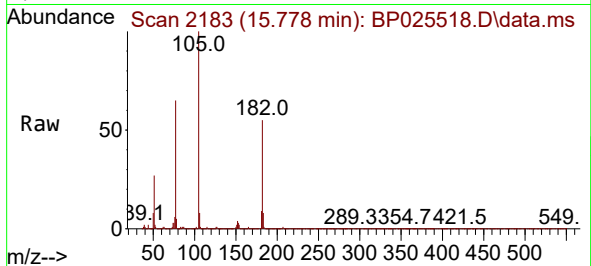




#63
Azobenzene
Concen: 3.948 ng
RT: 15.778 min Scan# 2179
Delta R.T. 0.024 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

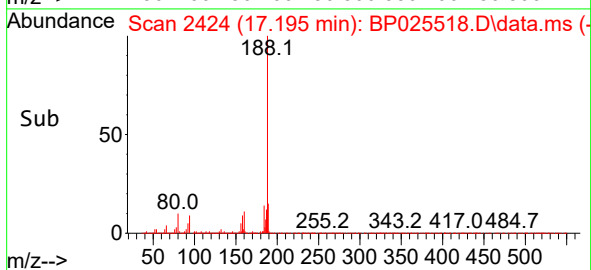
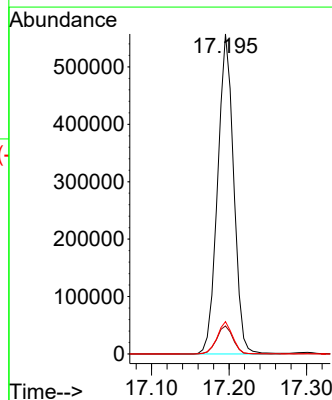
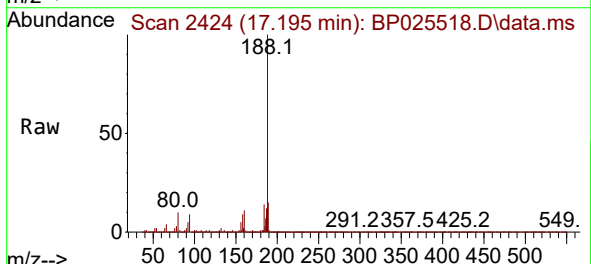
Instrument :
BNA_P
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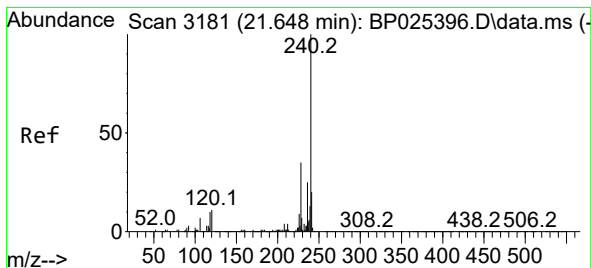
Tgt Ion: 77	Resp: 98947
Ion Ratio	Lower Upper
77	100
182	83.9 7.5 47.5#
105	153.2 2.1 42.1#
51	40.9 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Tgt Ion: 188	Resp: 801033
Ion Ratio	Lower Upper
188	100
94	8.7 6.6 10.0
80	10.1 6.7 10.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 3181

Delta R.T. -0.012 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

Instrument :

BNA_P

ClientSampleId :

84SB-E

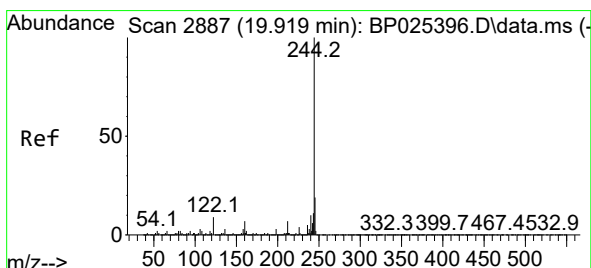
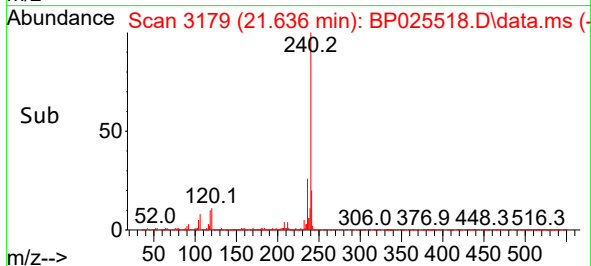
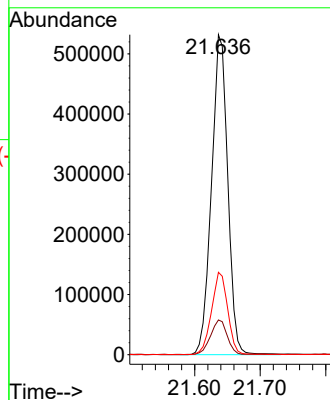
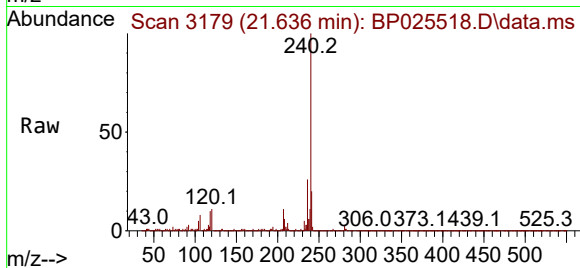
Tgt Ion:240 Resp: 913525

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 51.454 ng

RT: 19.913 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025518.D

Acq: 20 Aug 2025 22:32

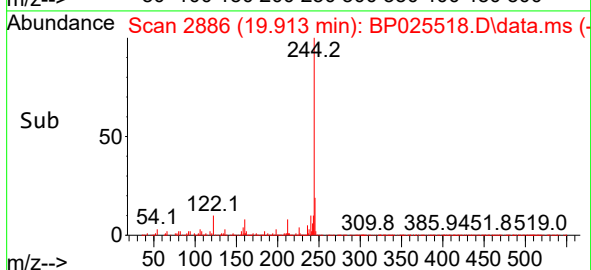
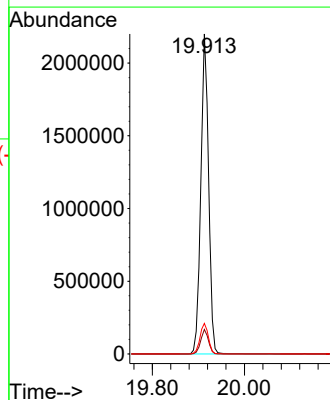
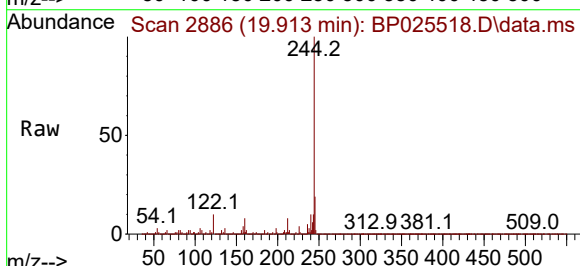
Tgt Ion:244 Resp: 2569178

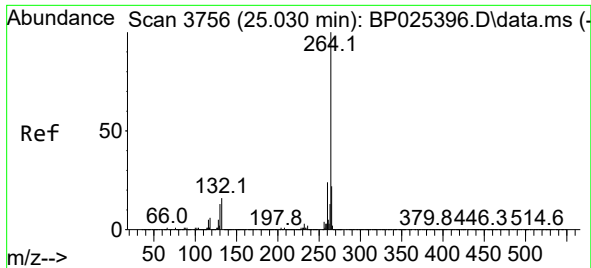
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.6 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP025518.D
Acq: 20 Aug 2025 22:32

Instrument :
BNA_P
ClientSampleId :
84SB-E

Tgt Ion:264 Resp: 999794

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.6	17.4	26.0

