

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025519.D
 Acq On : 20 Aug 2025 23:13
 Operator : CG/JU
 Sample : Q2819-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 01:39:34 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)

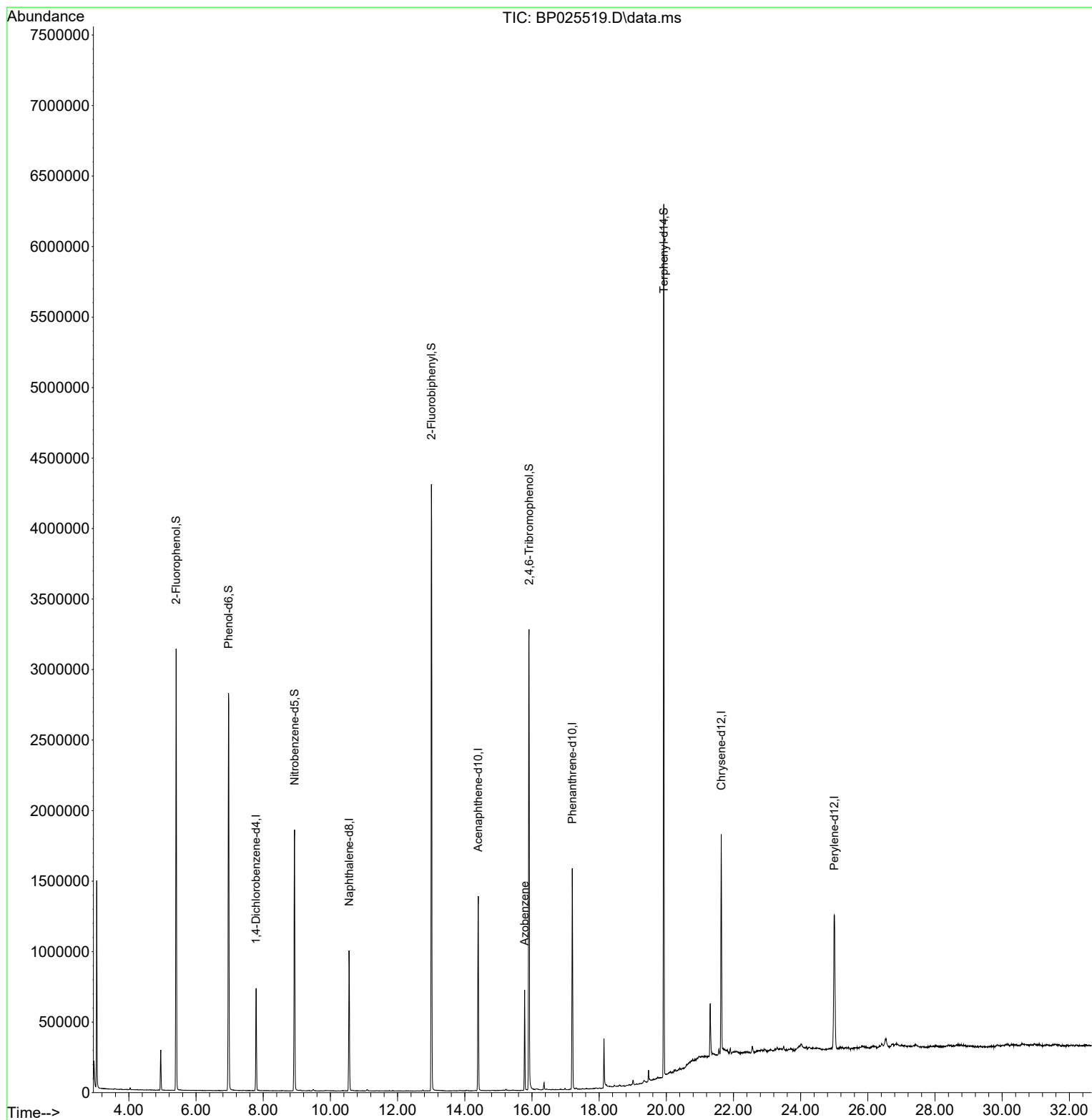
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	197854	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	774619	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	493782	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	941172	20.000	ng	0.00
76) Chrysene-d12	21.636	240	881283	20.000	ng	-0.01
86) Perylene-d12	25.001	264	996365	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1308243	109.808	ng	0.00
7) Phenol-d6	6.967	99	1645427	107.723	ng	0.00
23) Nitrobenzene-d5	8.931	82	1089390	71.141	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	685763	103.179	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2200434	60.903	ng	-0.01
79) Terphenyl-d14	19.925	244	3015805	62.609	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.784	77	175882	5.591	ng	# 1

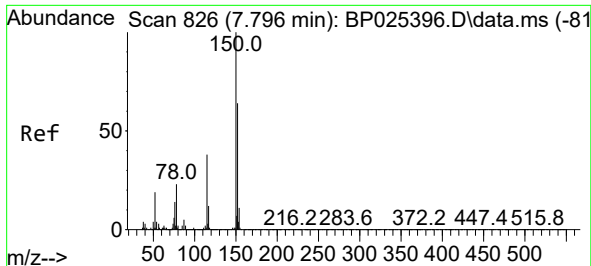
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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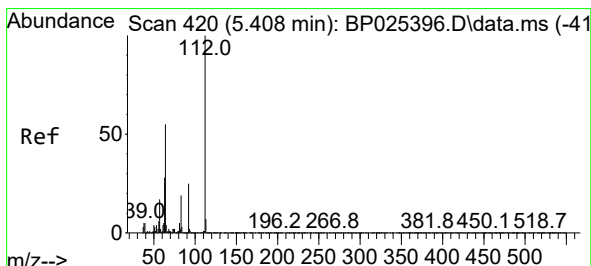
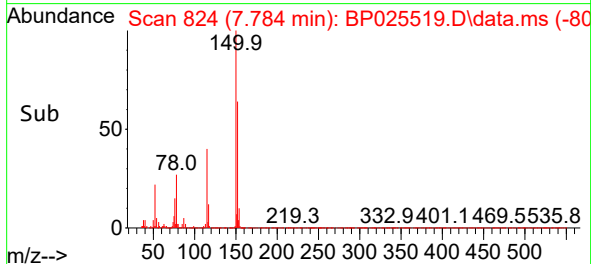
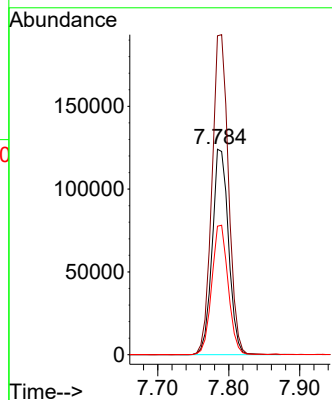
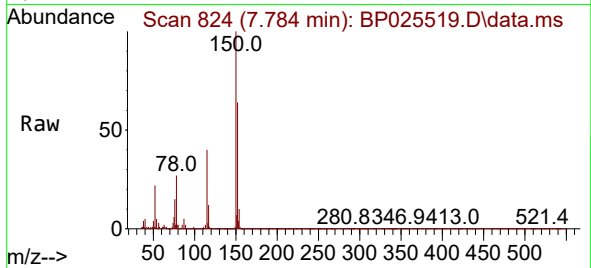




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.784 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BP025519.D
 Acq: 20 Aug 2025 23:13

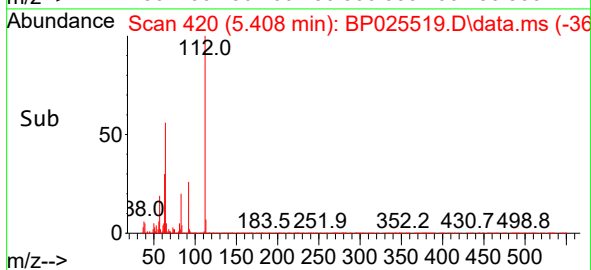
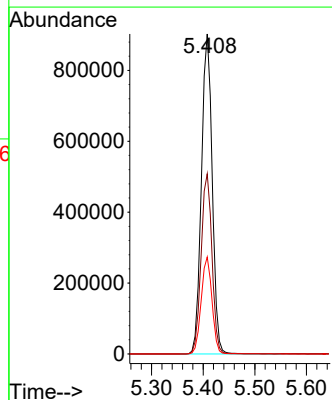
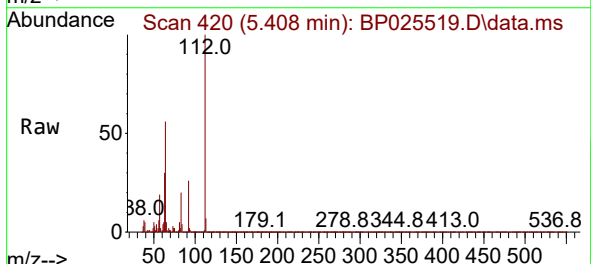
Instrument :
 BNA_P
 ClientSampleId :

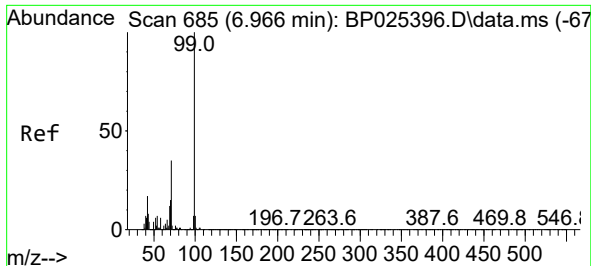
Tgt Ion:152 Resp: 197854
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.9 188.9
 115 62.6 48.5 72.7



#5
 2-Fluorophenol
 Concen: 109.808 ng
 RT: 5.408 min Scan# 420
 Delta R.T. 0.000 min
 Lab File: BP025519.D
 Acq: 20 Aug 2025 23:13

Tgt Ion:112 Resp: 1308243
 Ion Ratio Lower Upper
 112 100
 64 56.3 43.8 65.8
 63 30.3 22.7 34.1



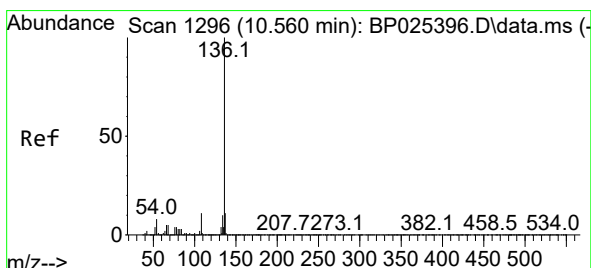
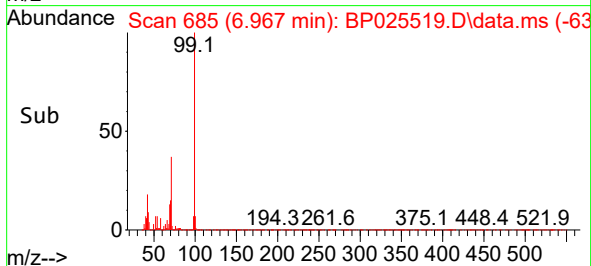
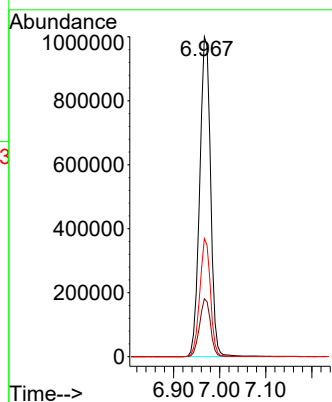
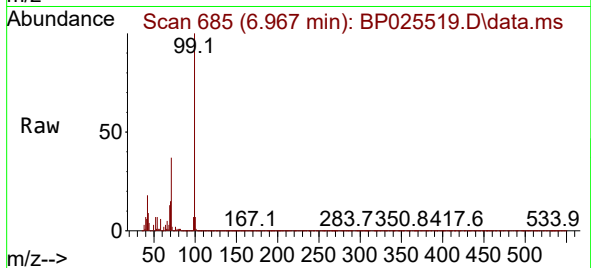


#7
Phenol-d6
Concen: 107.723 ng
RT: 6.967 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1645427

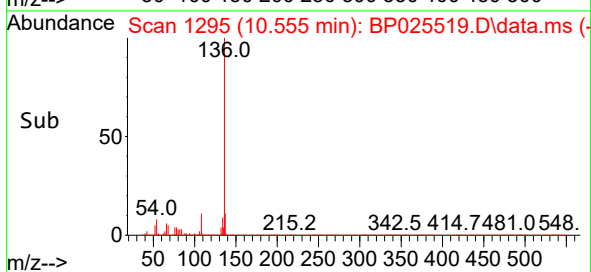
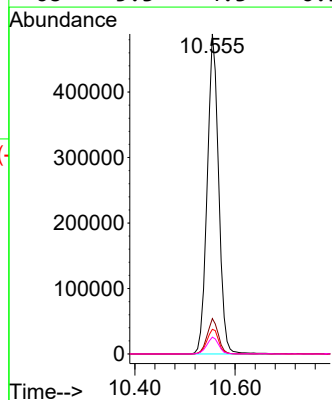
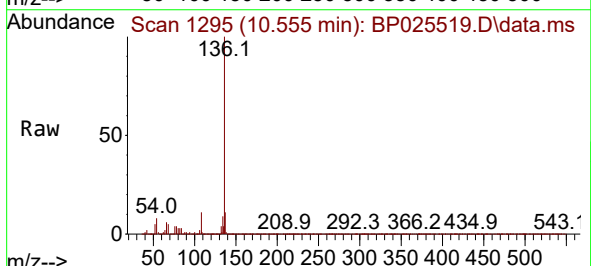
Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.7	20.5
71	36.9	28.2	42.4

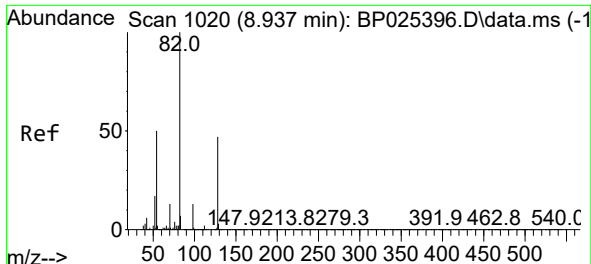


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Tgt Ion:136 Resp: 774619

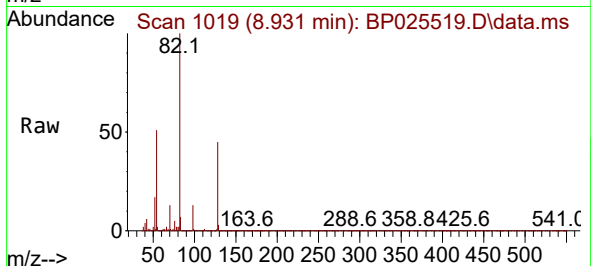
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.7	6.0	9.0
68	5.3	4.3	6.5



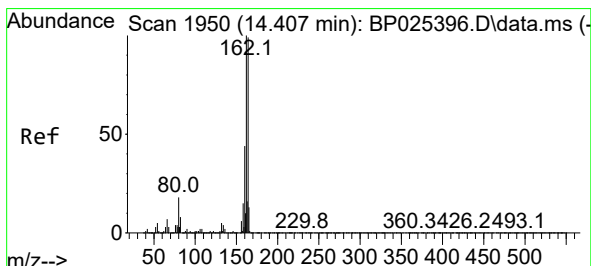
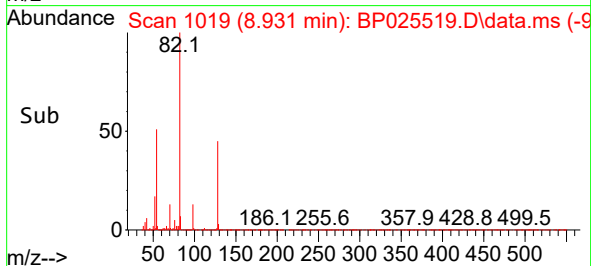
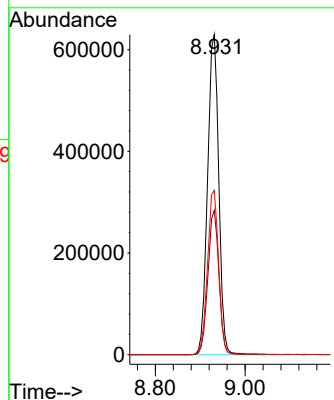


#23
Nitrobenzene-d5
Concen: 71.141 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Instrument :
BNA_P
ClientSampleId :

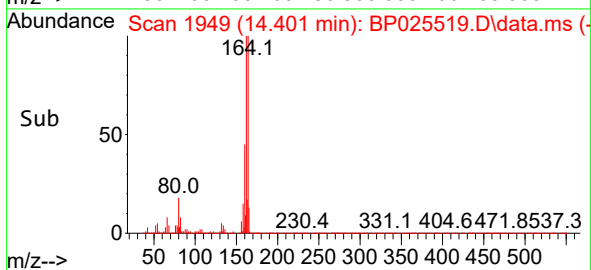
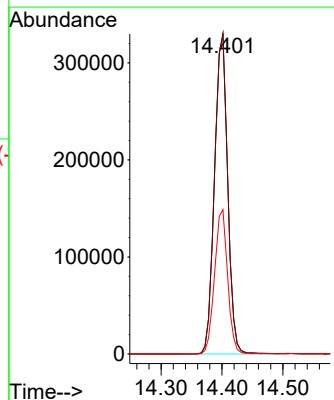
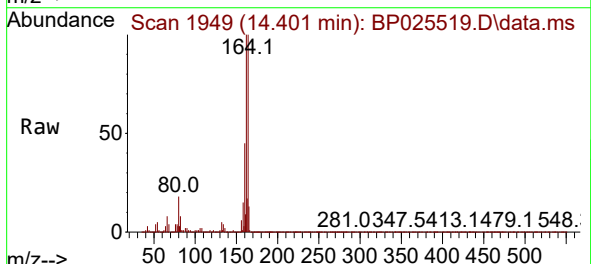


Tgt Ion: 82 Resp: 1089390
Ion Ratio Lower Upper
82 100
128 45.1 37.7 56.5
54 51.3 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

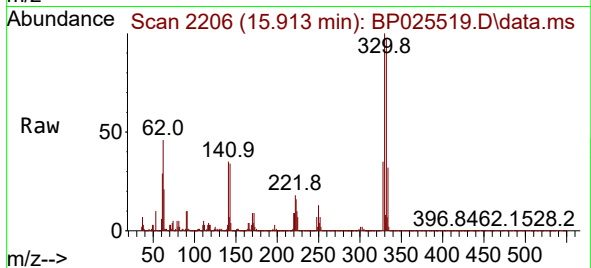
Tgt Ion:164 Resp: 493782
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 45.1 35.4 53.2



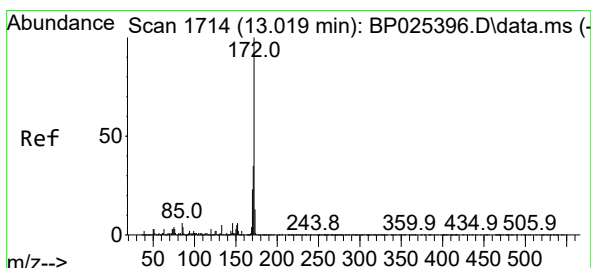
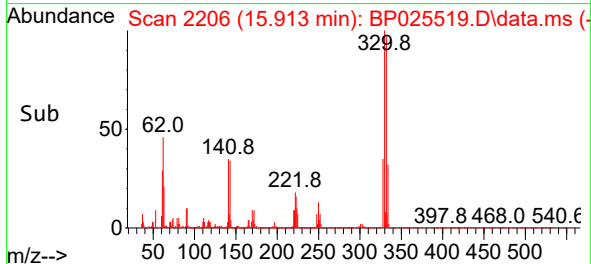
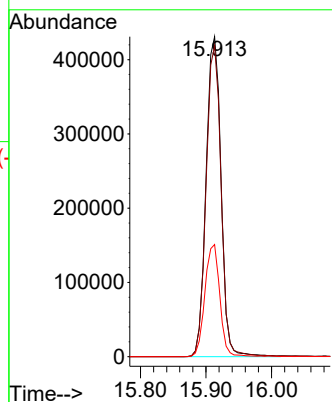


#42
2,4,6-Tribromophenol
Concen: 103.179 ng
RT: 15.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Instrument :
BNA_P
ClientSampleId :

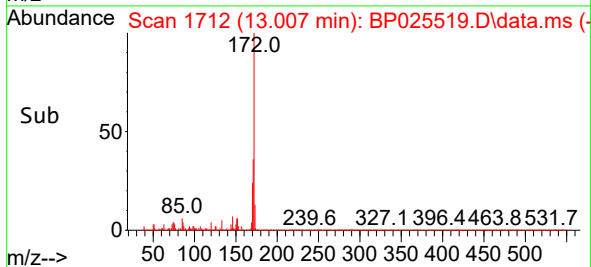
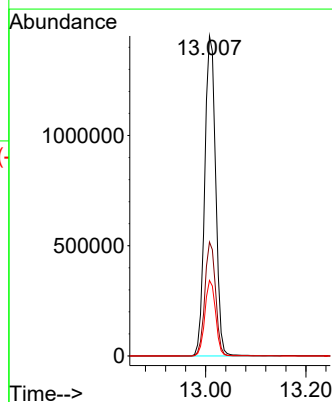
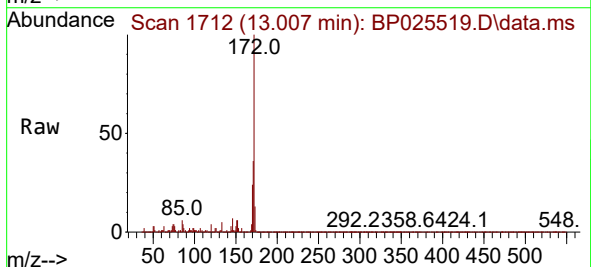


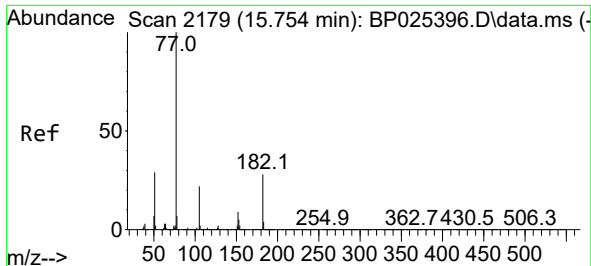
Tgt Ion:330 Resp: 685763
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 35.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 60.903 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Tgt Ion:172 Resp: 2200434
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.6 18.6 28.0

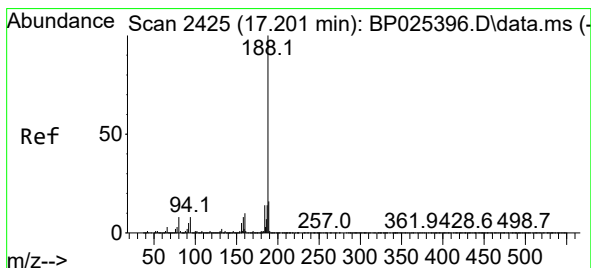
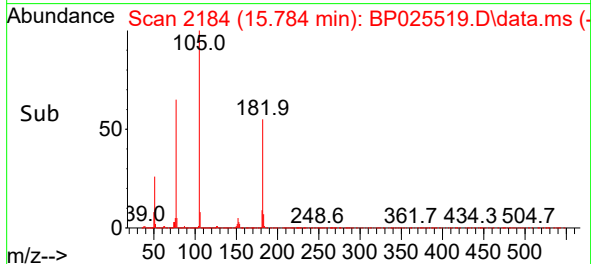
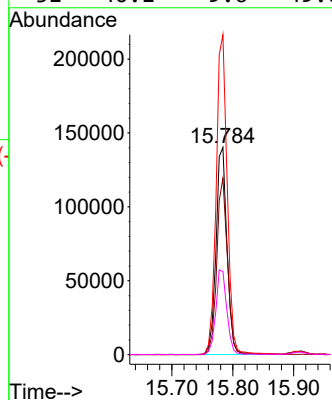
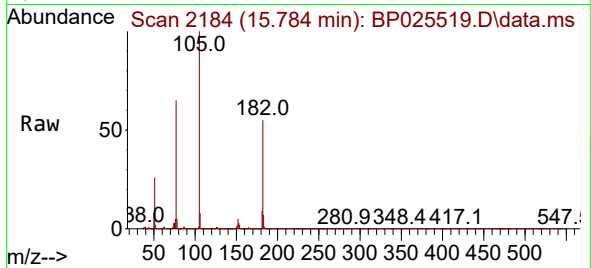




#63
Azobenzene
Concen: 5.591 ng
RT: 15.784 min Scan# 2179
Delta R.T. 0.030 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

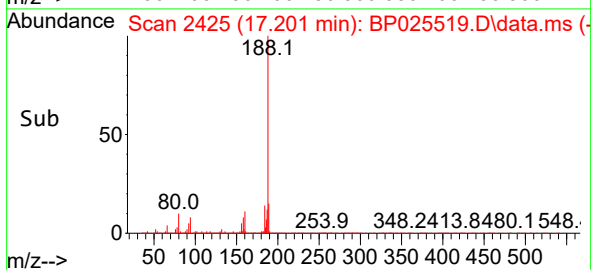
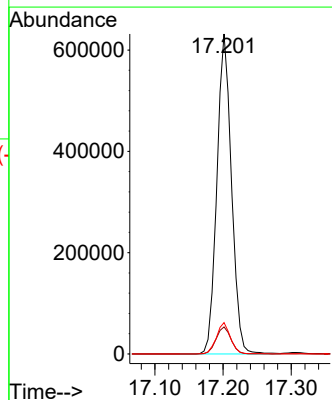
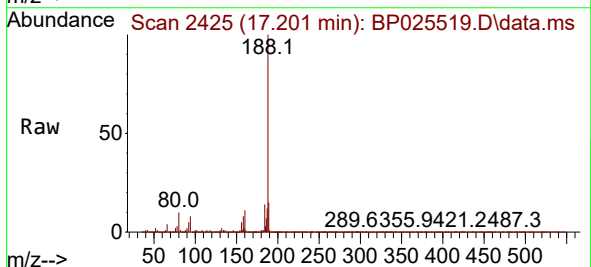
Instrument :
BNA_P
ClientSampleId :

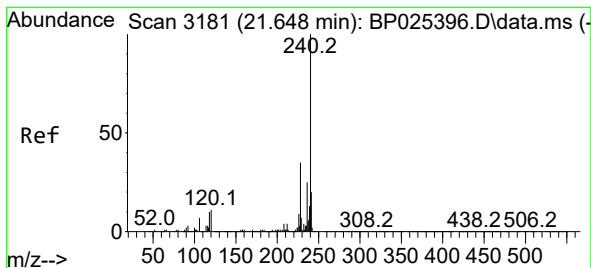
Tgt Ion: 77 Resp: 175882
Ion Ratio Lower Upper
77 100
182 85.1 7.5 47.5#
105 154.4 2.1 42.1#
51 40.1 9.6 49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Tgt Ion: 188 Resp: 941172
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.8 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.636 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP025519.D

Acq: 20 Aug 2025 23:13

Instrument :

BNA_P

ClientSampleId :

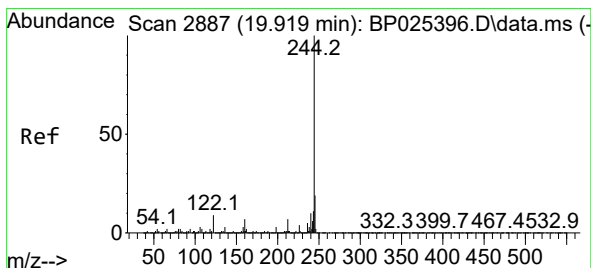
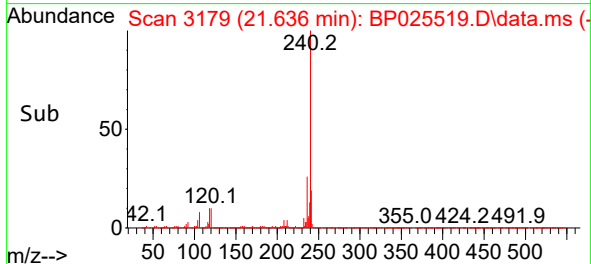
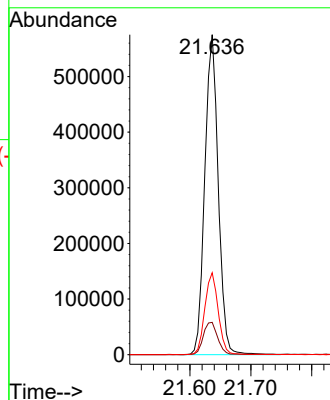
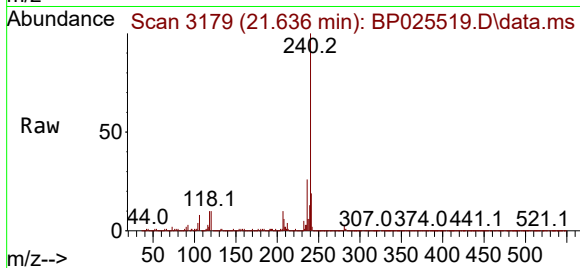
Tgt Ion:240 Resp: 881283

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 62.609 ng

RT: 19.925 min Scan# 2888

Delta R.T. 0.006 min

Lab File: BP025519.D

Acq: 20 Aug 2025 23:13

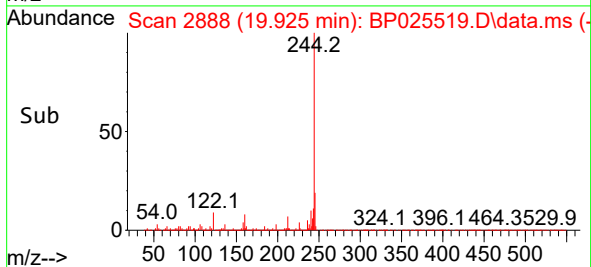
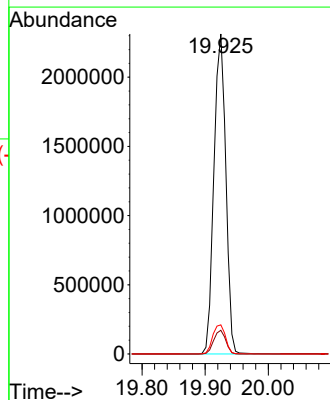
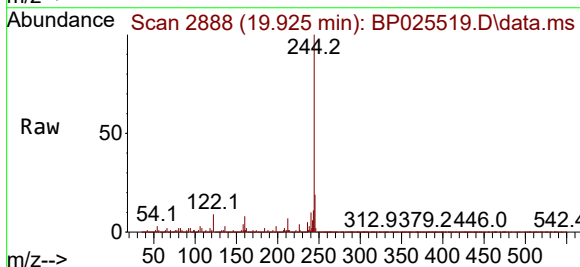
Tgt Ion:244 Resp: 3015805

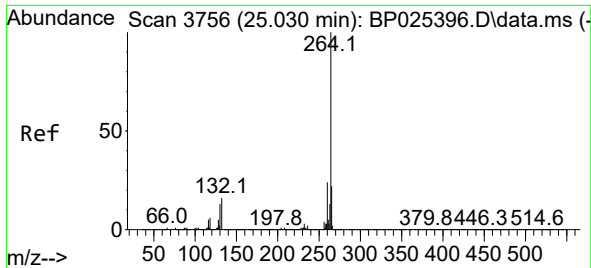
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

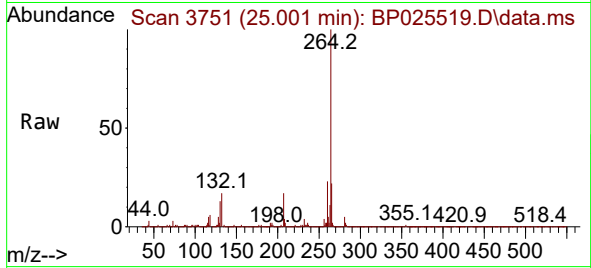
122 9.1 7.4 11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP025519.D
Acq: 20 Aug 2025 23:13

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:264 Resp: 996365
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 22.4 17.4 26.0

