

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025457.D
 Acq On : 18 Aug 2025 12:06
 Operator : CG/JU
 Sample : Q2838-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 12:42:28 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)

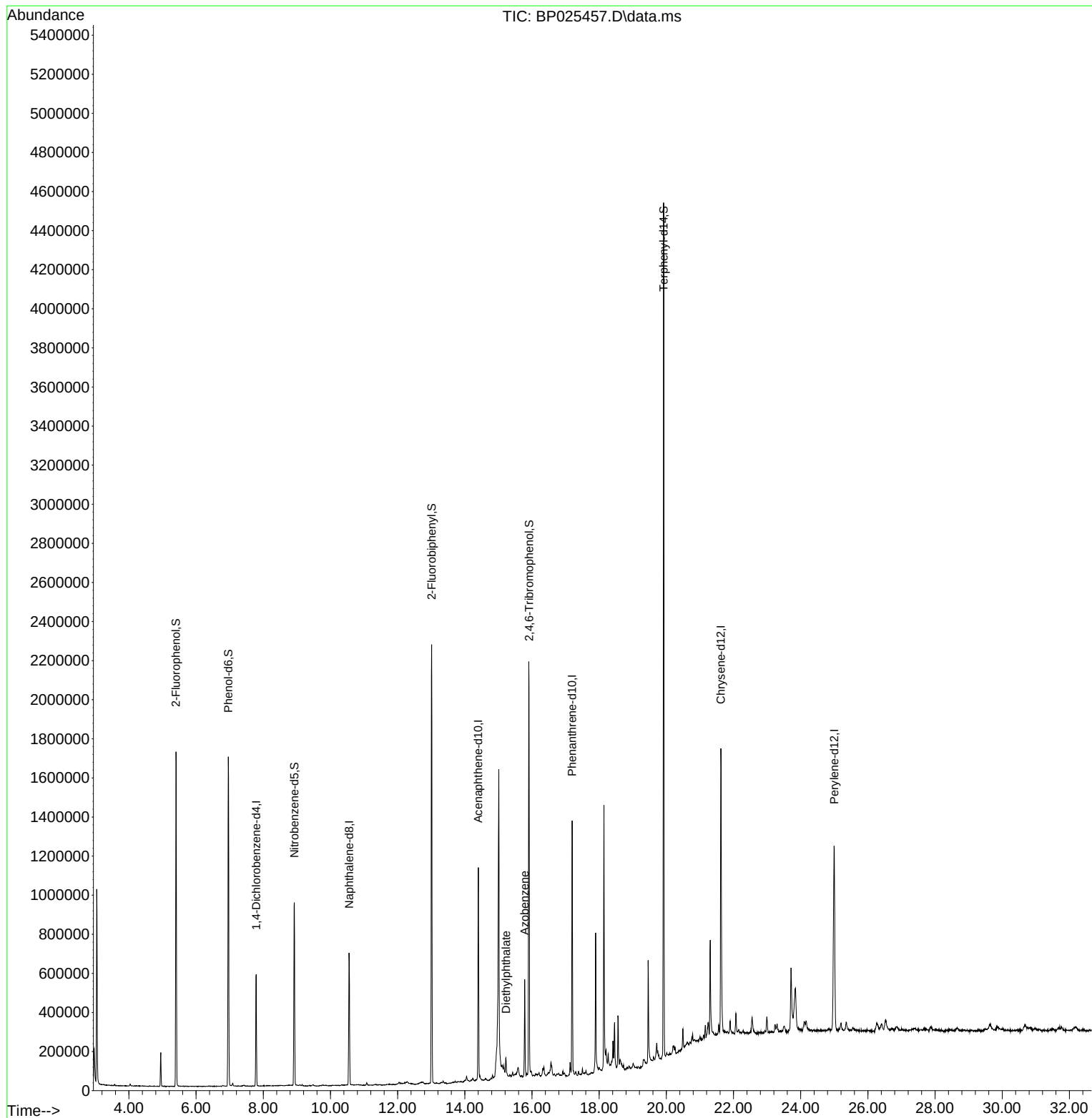
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	154395	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	601340	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	364231	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	744607	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	818264	20.000	ng	-0.02
86) Perylene-d12	25.000	264	955836	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.401	112	741030	79.706	ng	0.00
7) Phenol-d6	6.960	99	974834	81.785	ng	0.00
23) Nitrobenzene-d5	8.925	82	550149	46.279	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	409221	83.471	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1170188	43.908	ng	0.00
79) Terphenyl-d14	19.918	244	2296208	51.341	ng	0.00
Target Compounds						
60) Diethylphthalate	15.224	149	63761	2.353	ng	Qvalue 97
63) Azobenzene	15.783	77	120834	5.207	ng	# 1

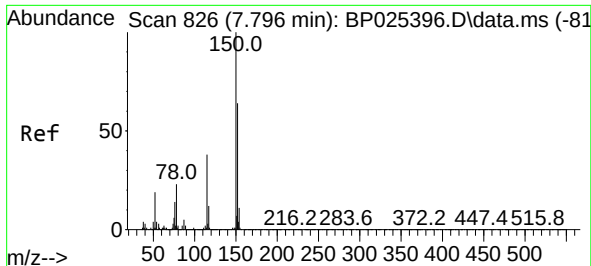
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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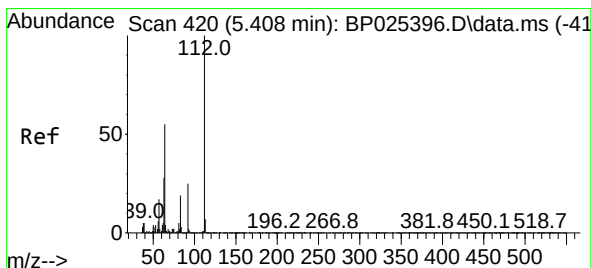
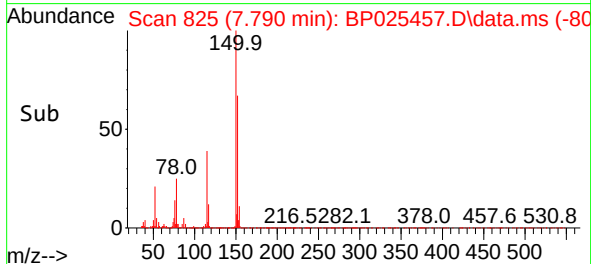
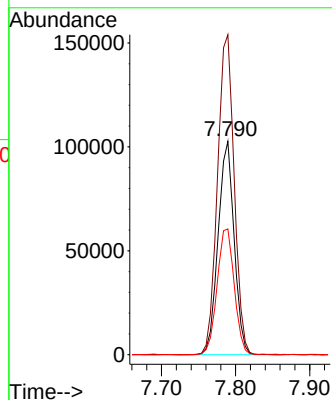
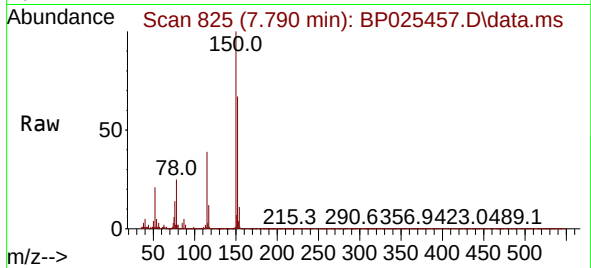




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025457.D
 Acq: 18 Aug 2025 12:06

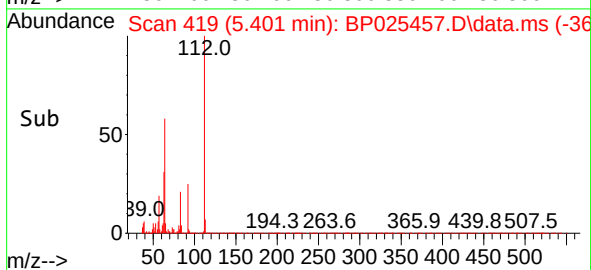
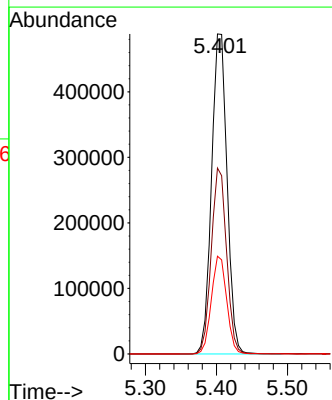
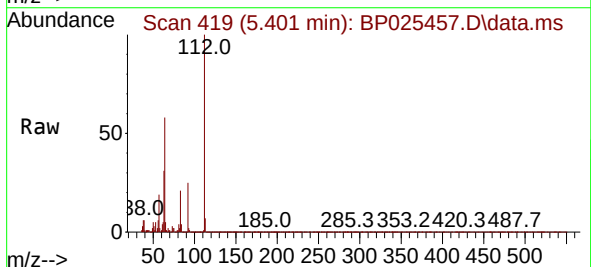
Instrument :
 BNA_P
 ClientSampleId :

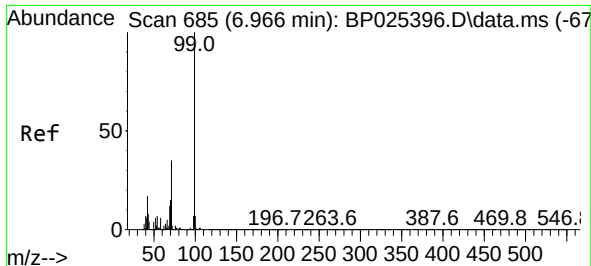
Tgt Ion:152 Resp: 154395
 Ion Ratio Lower Upper
 152 100
 150 150.0 125.9 188.9
 115 58.9 48.5 72.7



#5
 2-Fluorophenol
 Concen: 79.706 ng
 RT: 5.401 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025457.D
 Acq: 18 Aug 2025 12:06

Tgt Ion:112 Resp: 741030
 Ion Ratio Lower Upper
 112 100
 64 58.1 43.8 65.8
 63 30.5 22.7 34.1

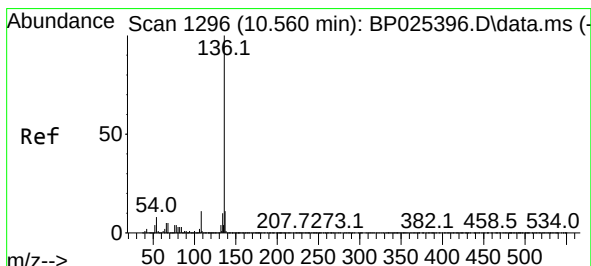
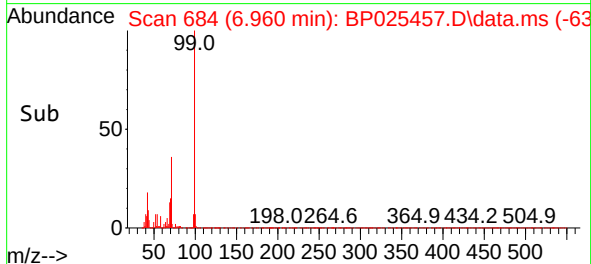
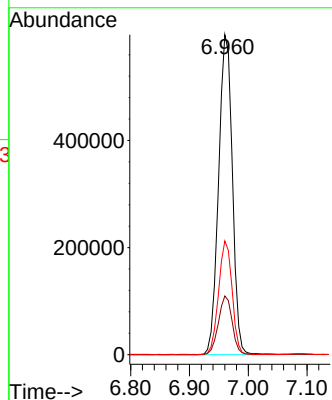
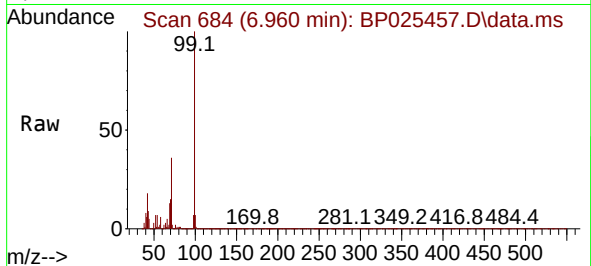




#7
Phenol-d6
Concen: 81.785 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

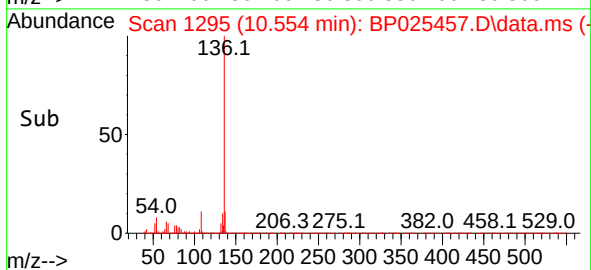
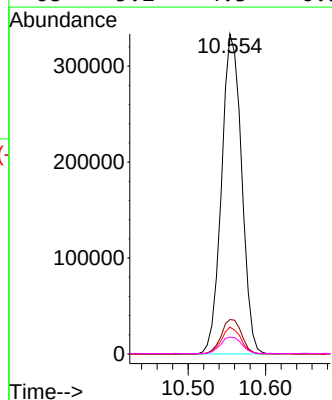
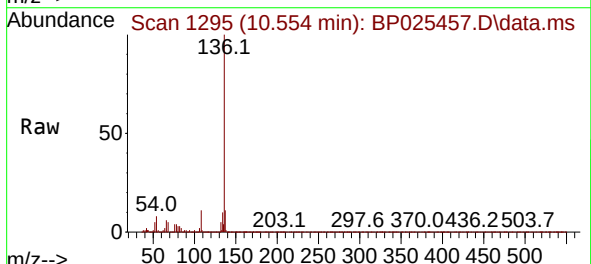
Instrument :
BNA_P
ClientSampleId :

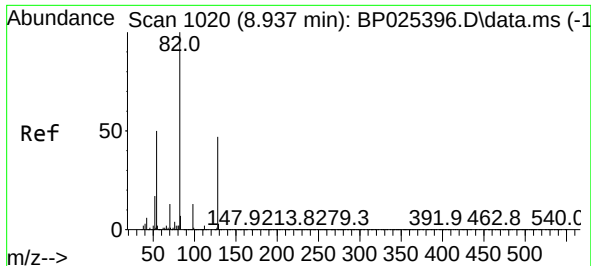
Tgt Ion: 99 Resp: 974834
Ion Ratio Lower Upper
99 100
42 18.4 13.7 20.5
71 35.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

Tgt Ion: 136 Resp: 601340
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.4 6.0 9.0
68 5.2 4.3 6.5

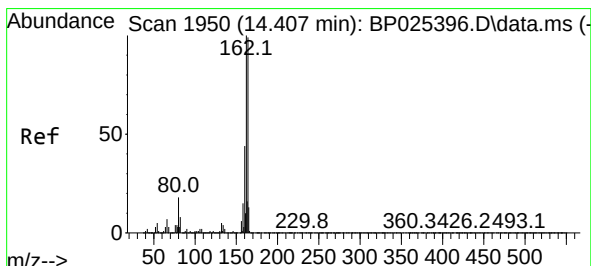
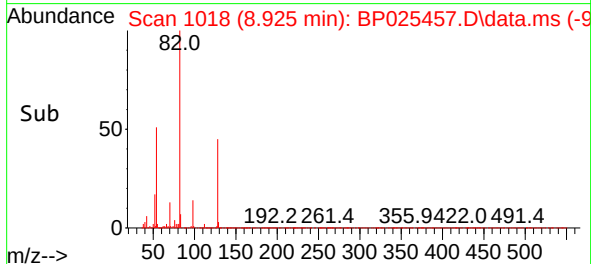
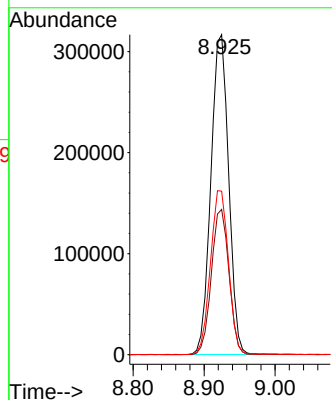
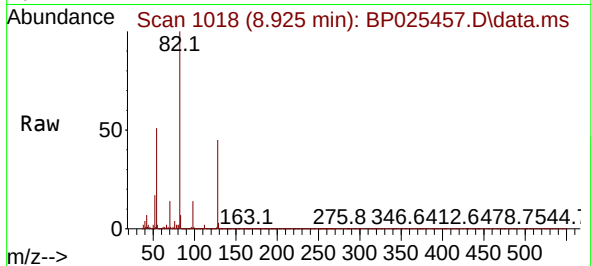




#23
Nitrobenzene-d5
Concen: 46.279 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

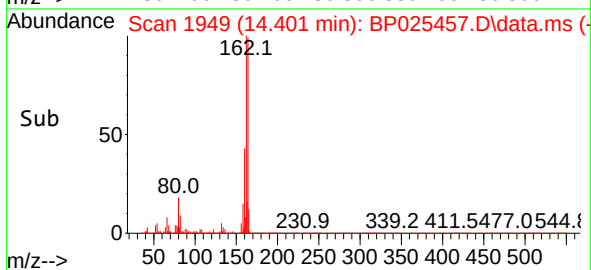
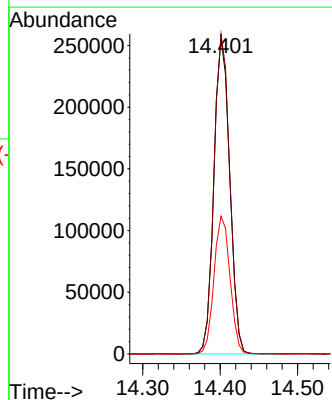
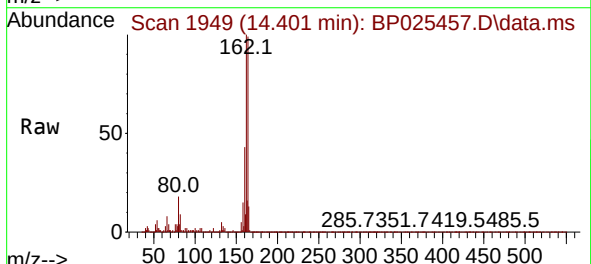
Instrument :
BNA_P
ClientSampleId :

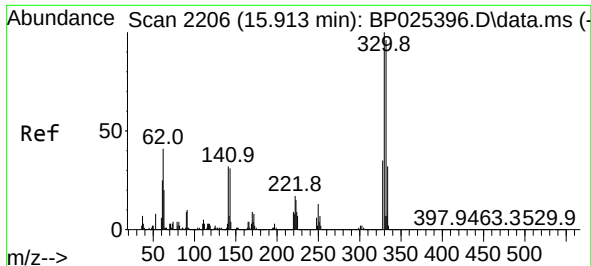
Tgt Ion: 82 Resp: 550149
Ion Ratio Lower Upper
82 100
128 45.4 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

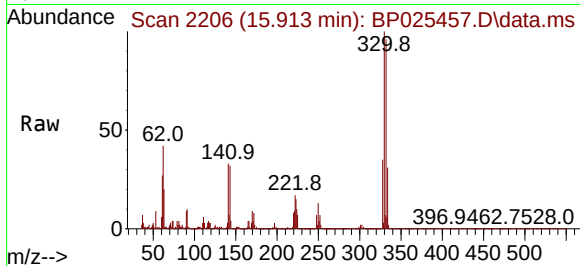
Tgt Ion:164 Resp: 364231
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.6
160 43.6 35.4 53.2



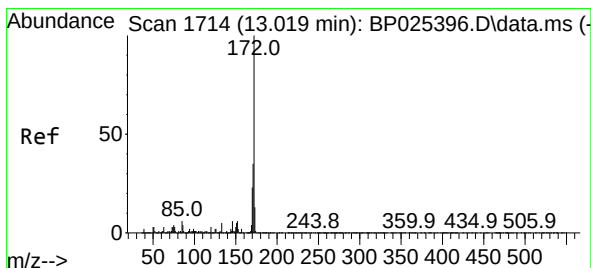
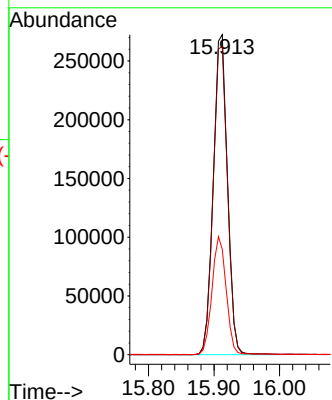
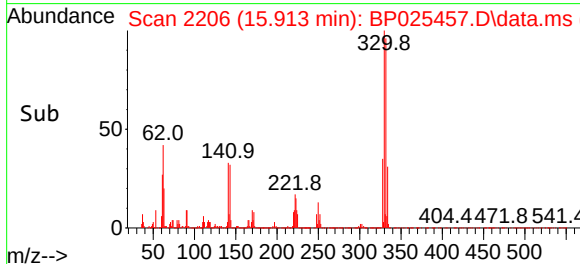


#42
2,4,6-Tribromophenol
Concen: 83.471 ng
RT: 15.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

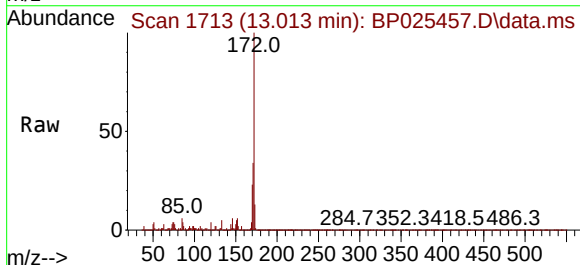
Instrument :
BNA_P
ClientSampleId :



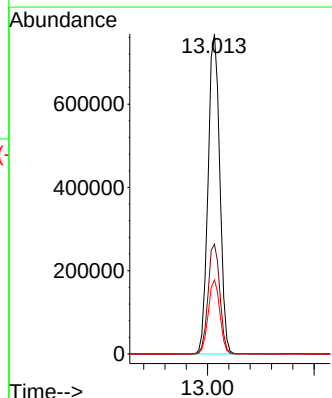
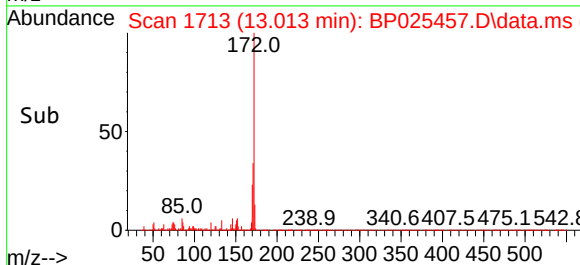
Tgt Ion:330 Resp: 409221
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 36.9 26.6 39.8

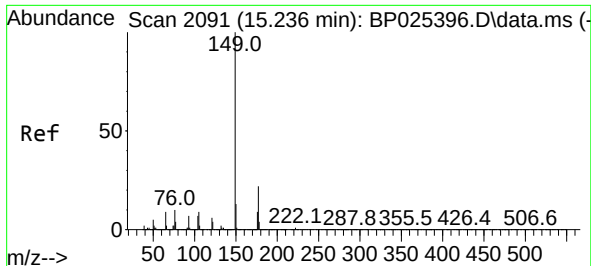


#45
2-Fluorobiphenyl
Concen: 43.908 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06



Tgt Ion:172 Resp: 1170188
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.2 18.6 28.0

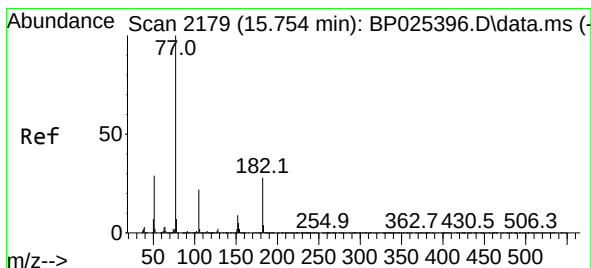
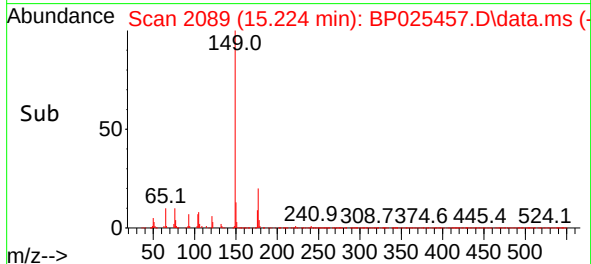
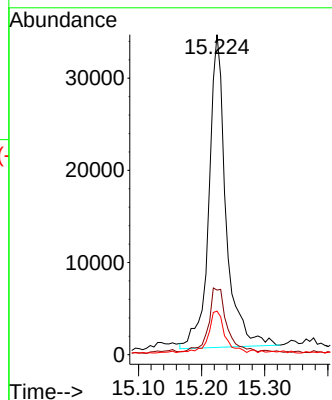
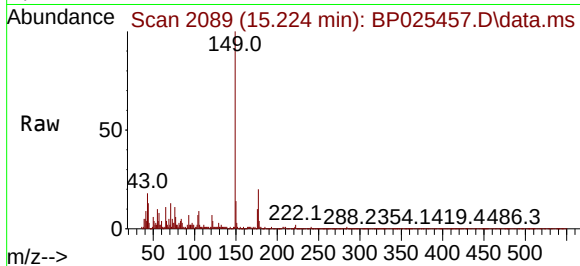




#60
Diethylphthalate
Concen: 2.353 ng
RT: 15.224 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

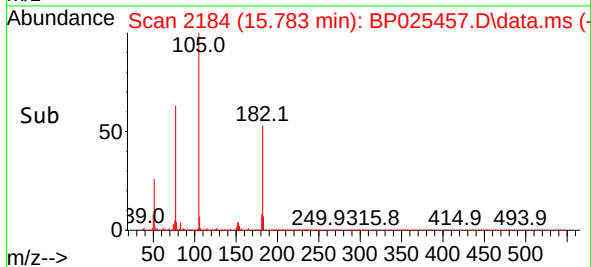
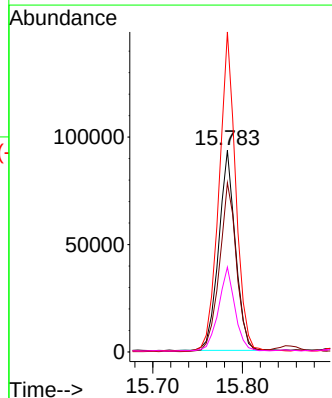
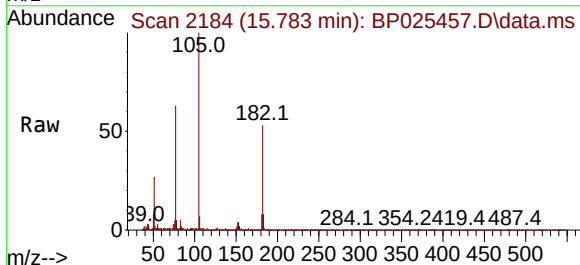
Instrument :
BNA_P
ClientSampleId :

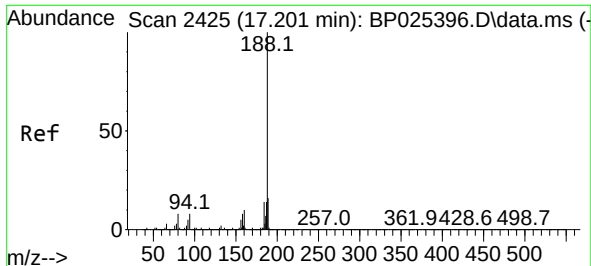
Tgt Ion:149 Resp: 63761
Ion Ratio Lower Upper
149 100
177 20.2 17.3 25.9
150 13.6 10.3 15.5



#63
Azobenzene
Concen: 5.207 ng
RT: 15.783 min Scan# 2184
Delta R.T. 0.029 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

Tgt Ion: 77 Resp: 120834
Ion Ratio Lower Upper
77 100
182 83.9 7.5 47.5#
105 158.7 2.1 42.1#
51 42.1 9.6 49.6

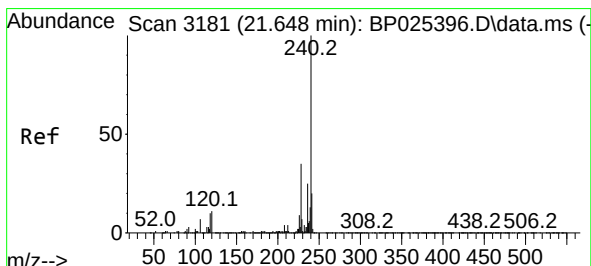
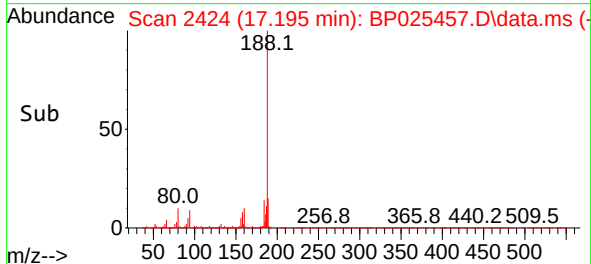
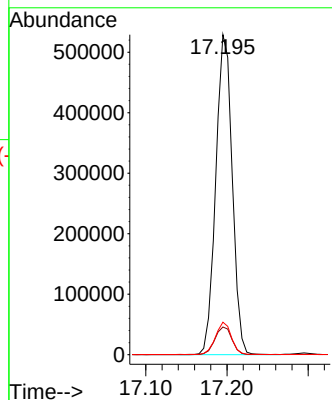
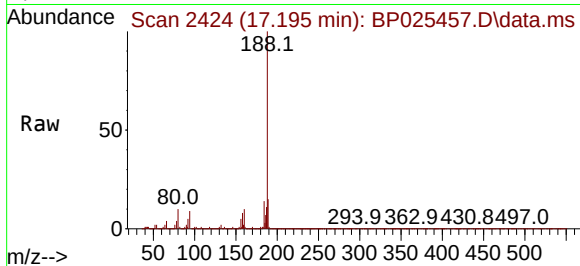




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

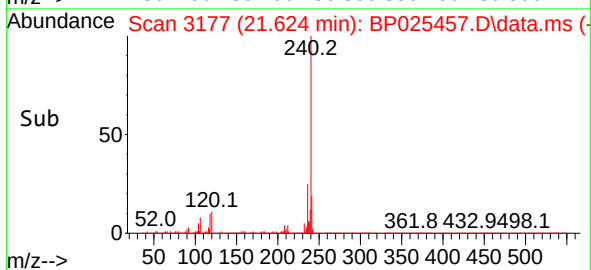
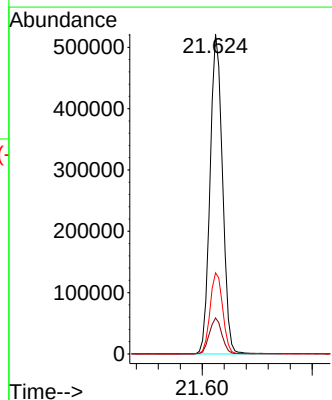
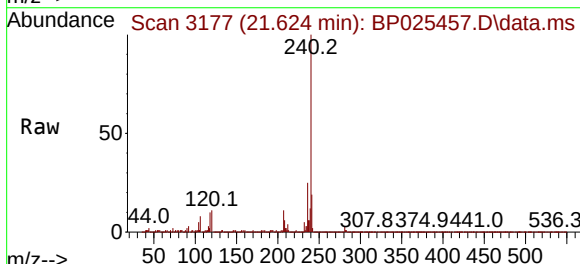
Instrument :
BNA_P
ClientSampleId :

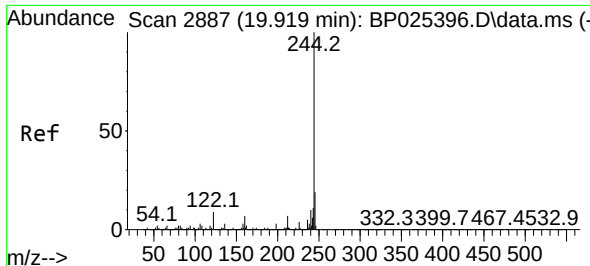
Tgt Ion:188 Resp: 744607
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.1 6.7 10.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3177
Delta R.T. -0.024 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

Tgt Ion:240 Resp: 818264
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.4 19.8 29.8

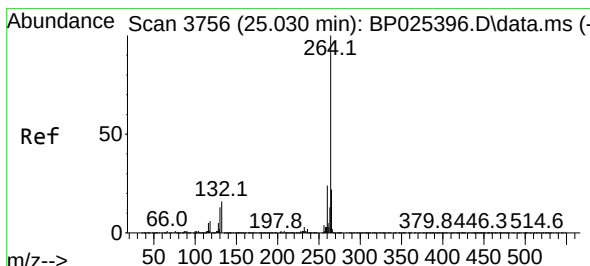
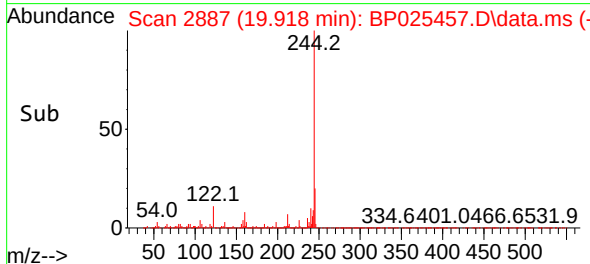
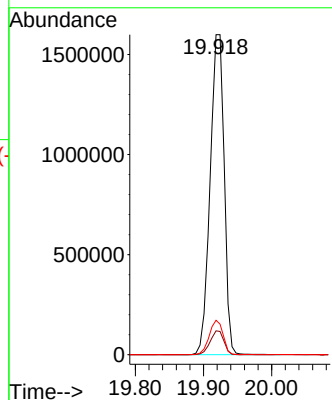
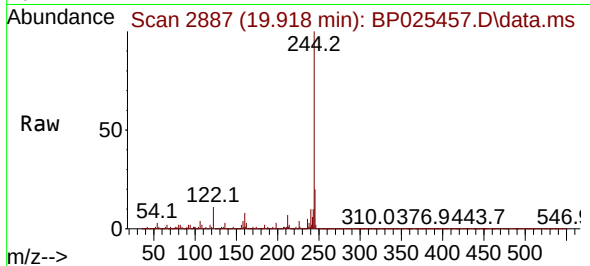




#79
Terphenyl-d14
Concen: 51.341 ng
RT: 19.918 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 2296208
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 10.8 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3751
Delta R.T. -0.030 min
Lab File: BP025457.D
Acq: 18 Aug 2025 12:06

Tgt Ion:264 Resp: 955836
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 22.2 17.4 26.0

