

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024997.D
 Acq On : 18 Jun 2025 16:49
 Operator : RC/JU
 Sample : Q2325-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

Quant Time: Jun 18 18:41:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

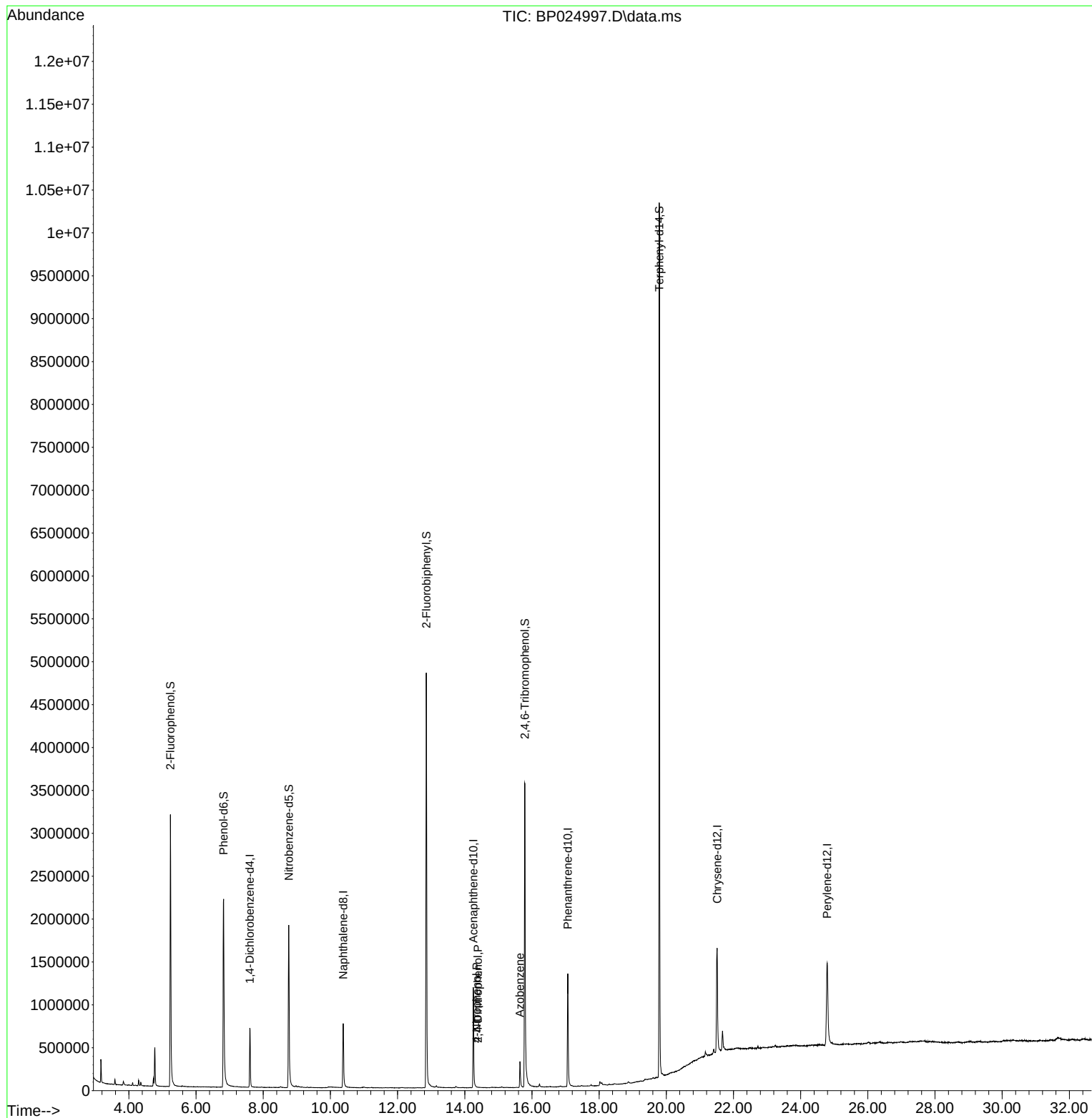
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	201735	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	757706	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	455205	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	912049	20.000	ng	0.00
76) Chrysene-d12	21.513	240	1019432	20.000	ng	0.03
86) Perylene-d12	24.789	264	1159619	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1601228	132.489	ng	0.00
7) Phenol-d6	6.819	99	1771928	110.810	ng	0.00
23) Nitrobenzene-d5	8.760	82	1340161	85.947	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	916470	145.623	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	2828835	83.716	ng	0.00
79) Terphenyl-d14	19.789	244	4978268	87.522	ng	0.00
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	14.395	184	18	5.567	ng	# 1
56) 4-Nitrophenol	14.354	139	129	5.428	ng	95
63) Azobenzene	15.642	77	102939	3.354	ng	# 1

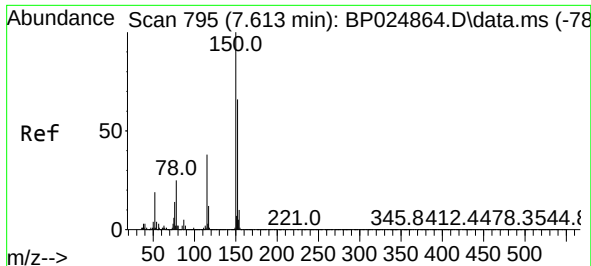
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024997.D
Acq On : 18 Jun 2025 16:49
Operator : RC/JU
Sample : Q2325-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-8

Quant Time: Jun 18 18:41:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

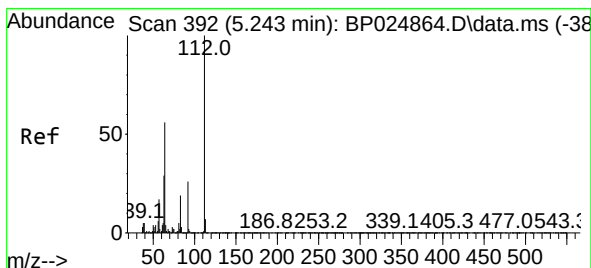
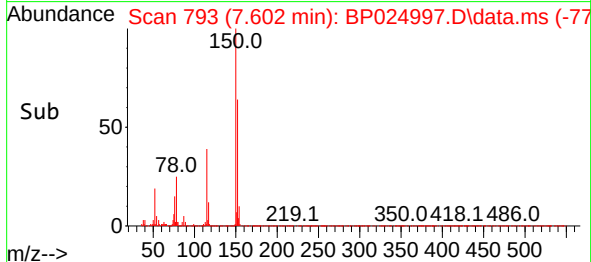
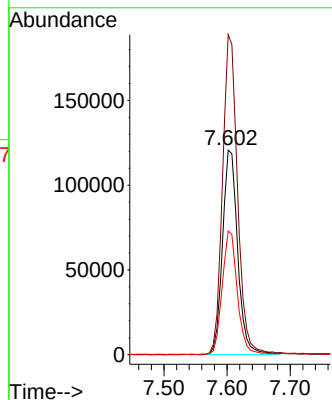
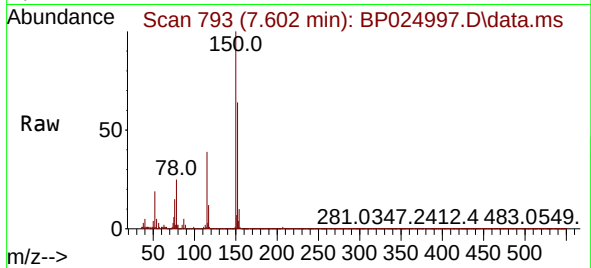




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

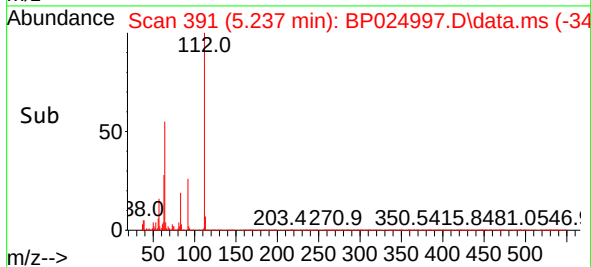
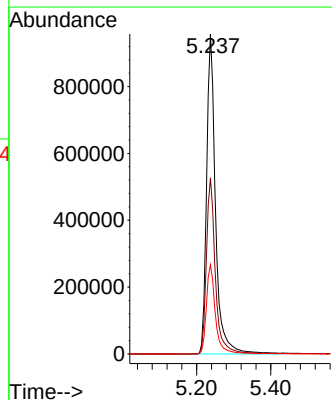
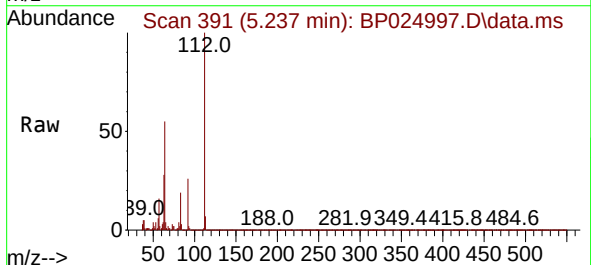
Instrument :
BNA_P
ClientSampleId :
TP-8

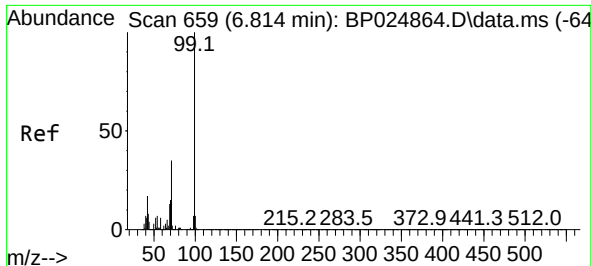
Tgt Ion:152 Resp: 201735
Ion Ratio Lower Upper
152 100
150 156.3 122.1 183.1
115 60.4 46.4 69.6



#5
2-Fluorophenol
Concen: 132.489 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Tgt Ion:112 Resp: 1601228
Ion Ratio Lower Upper
112 100
64 55.1 44.7 67.1
63 27.8 23.5 35.3



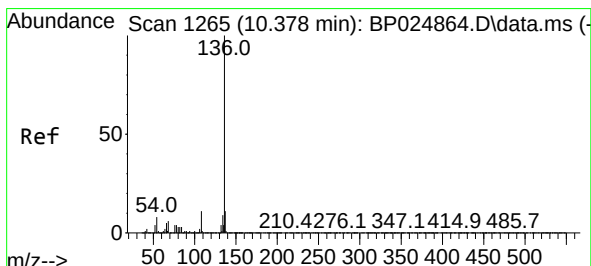
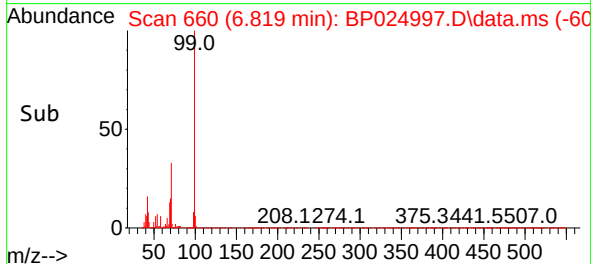
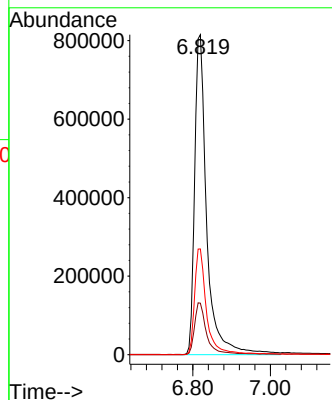
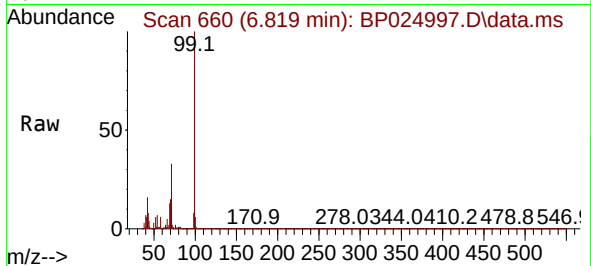


#7
Phenol-d6
Concen: 110.810 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Instrument :
BNA_P
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 1771928

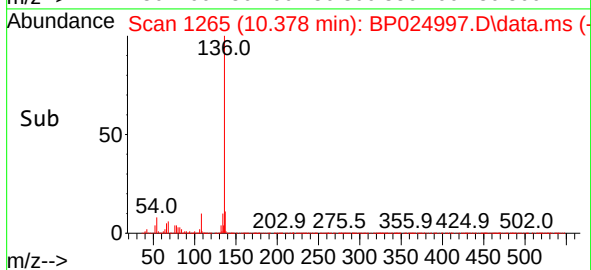
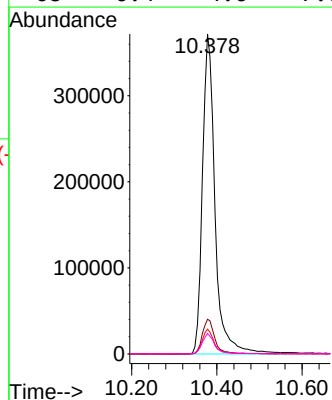
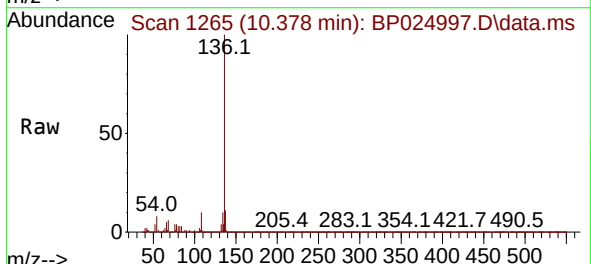
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.2
71	33.0	27.6	41.4

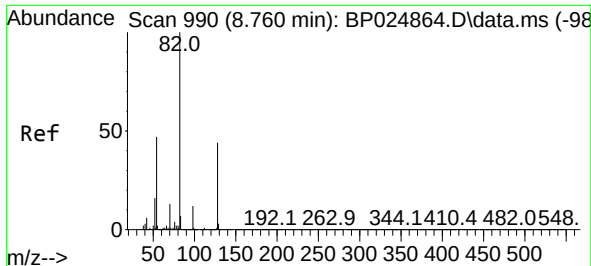


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Tgt Ion: 136 Resp: 757706

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.8	6.1	9.1
68	6.4	4.6	7.0

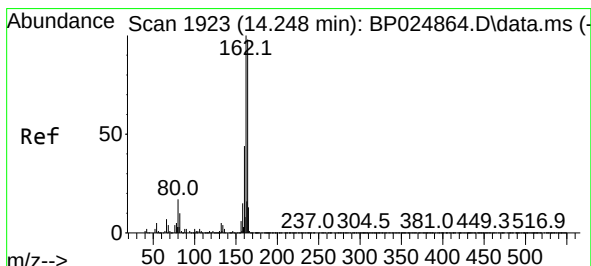
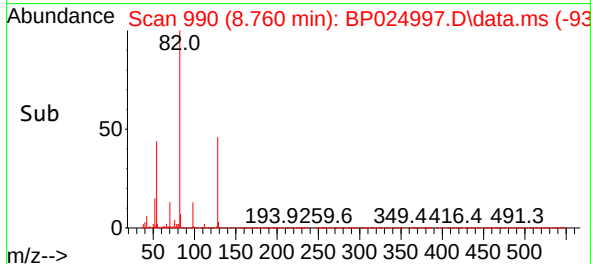
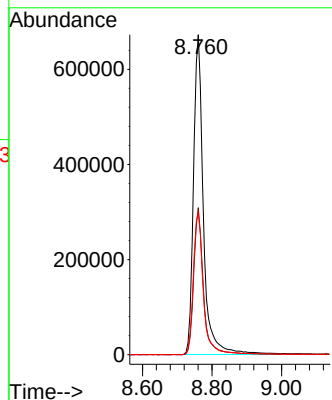
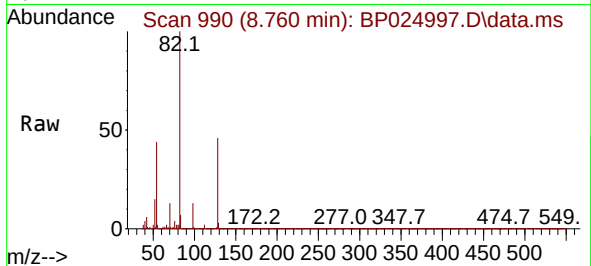




#23
Nitrobenzene-d5
Concen: 85.947 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

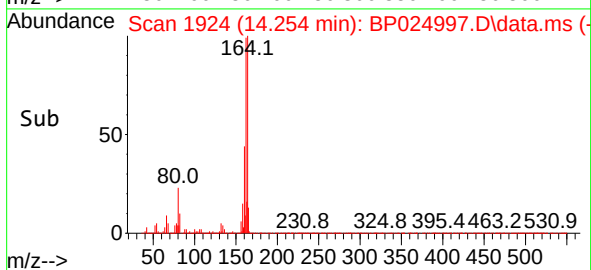
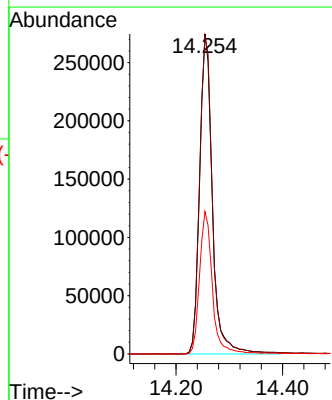
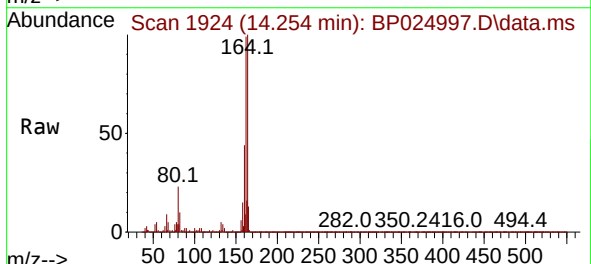
Instrument :
BNA_P
ClientSampleId :
TP-8

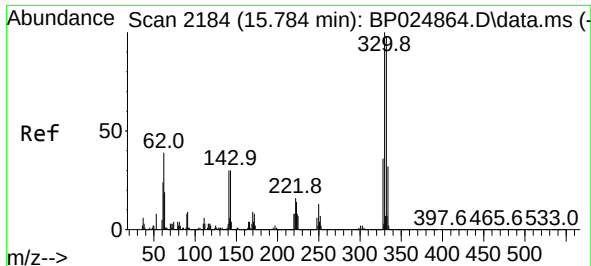
Tgt Ion: 82 Resp: 1340161
Ion Ratio Lower Upper
82 100
128 45.9 35.3 52.9
54 44.3 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.254 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Tgt Ion:164 Resp: 455205
Ion Ratio Lower Upper
164 100
162 99.3 81.6 122.4
160 44.5 36.2 54.2

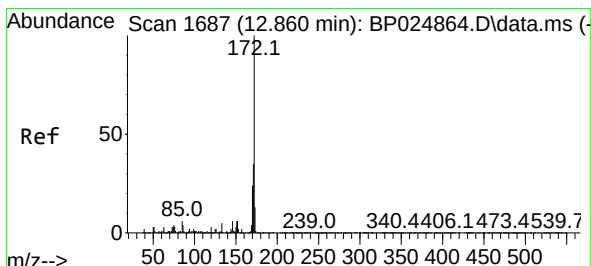
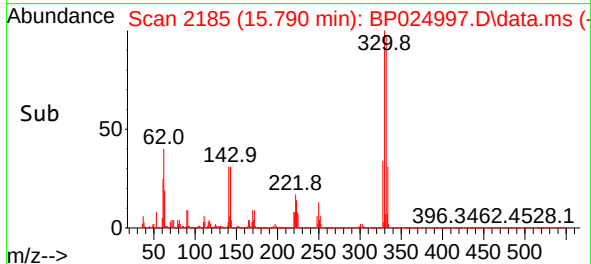
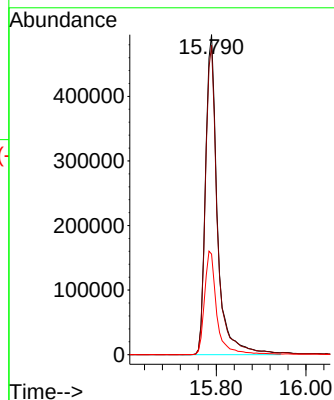
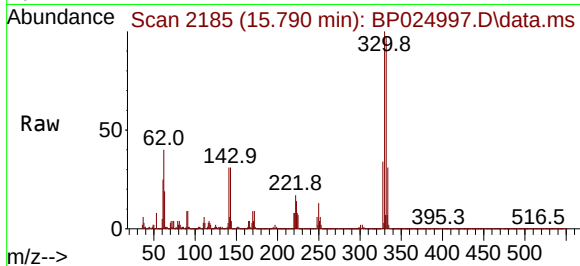




#42
2,4,6-Tribromophenol
Concen: 145.623 ng
RT: 15.790 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

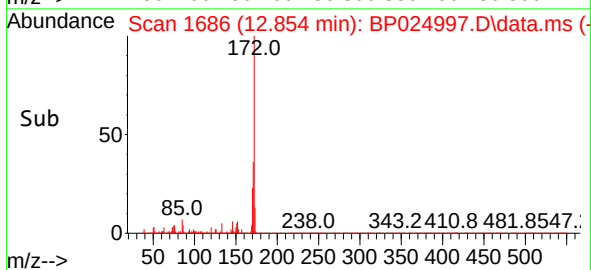
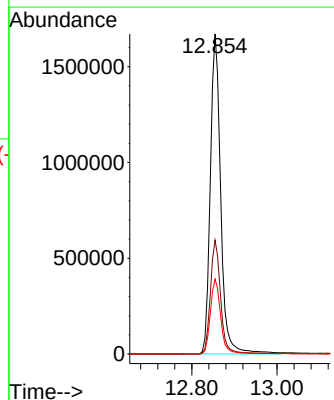
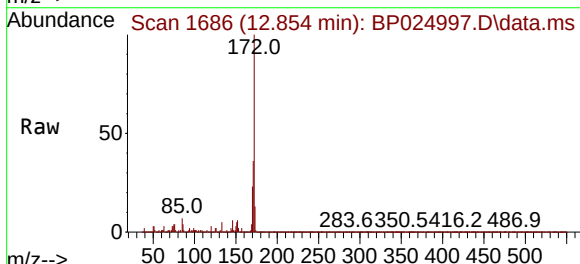
Instrument :
BNA_P
ClientSampleId :
TP-8

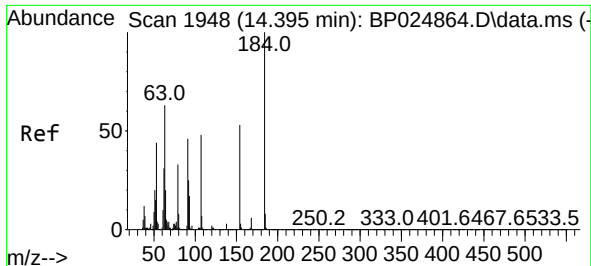
Tgt Ion: 330 Resp: 916470
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.3 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 83.716 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Tgt Ion: 172 Resp: 2828835
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 19.0 28.4

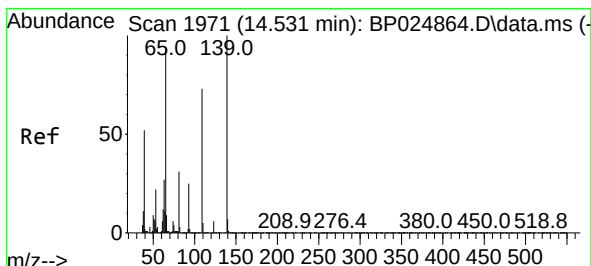
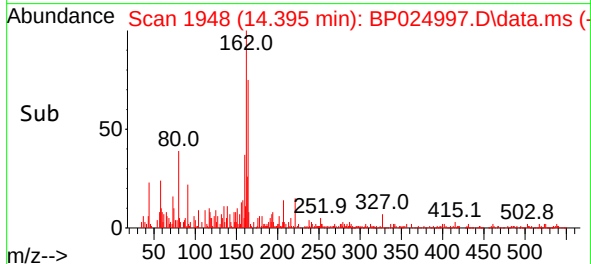
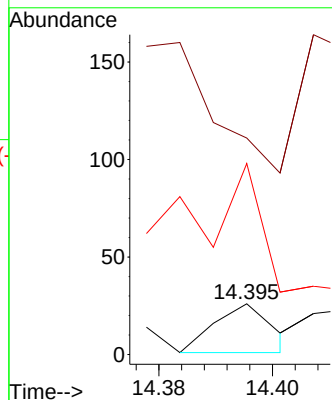
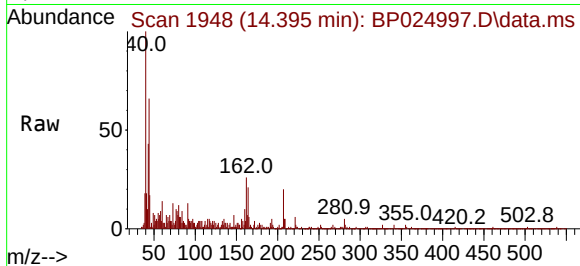




#54
2,4-Dinitrophenol
Concen: 5.567 ng
RT: 14.395 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

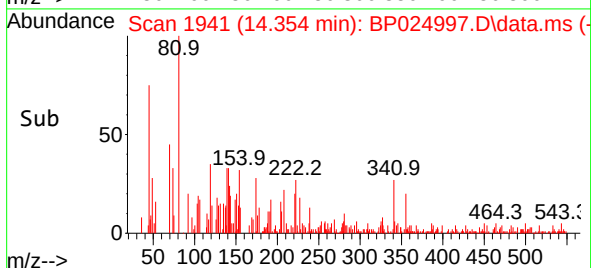
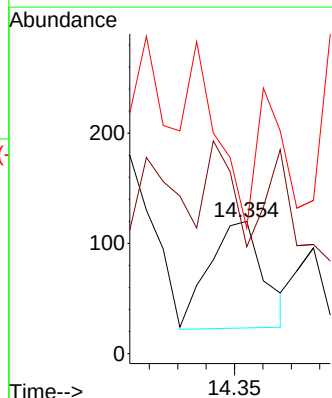
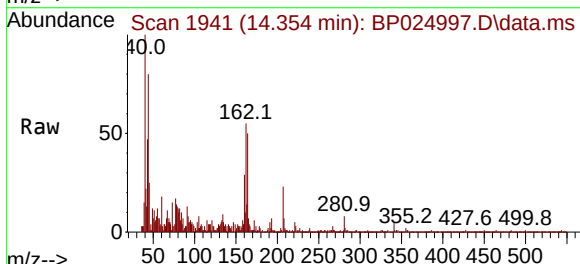
Instrument :
BNA_P
ClientSampleId :
TP-8

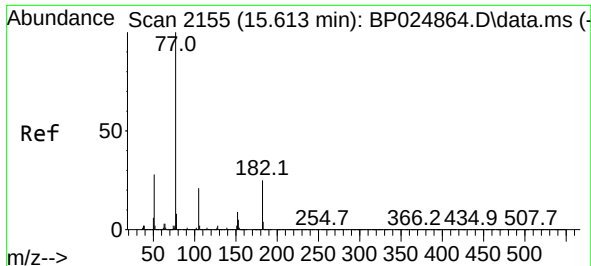
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 426.9 51.0 76.4#
154 376.9 51.7 77.5#



#56
4-Nitrophenol
Concen: 5.428 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.177 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Tgt Ion:139 Resp: 129
Ion Ratio Lower Upper
139 100
109 80.8 53.1 93.1
65 95.0 73.0 113.0

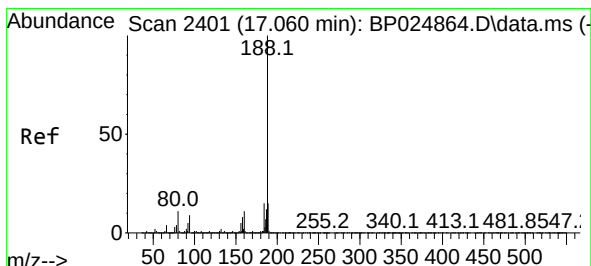
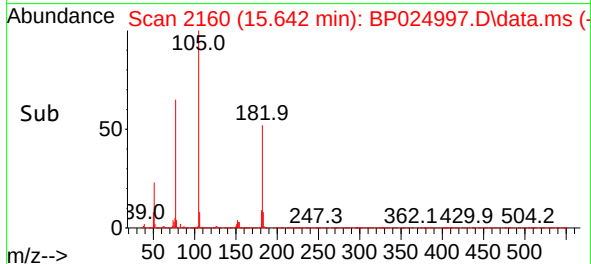
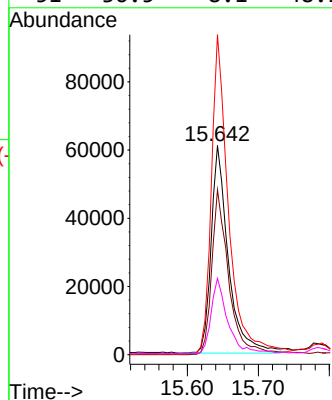
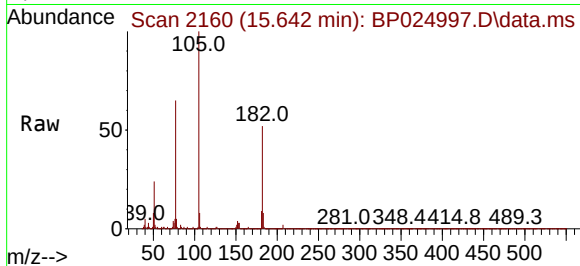




#63
Azobenzene
Concen: 3.354 ng
RT: 15.642 min Scan# 2155
Delta R.T. 0.029 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

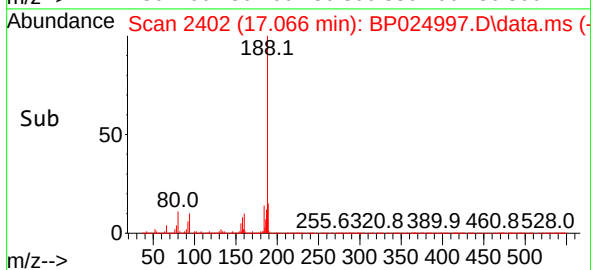
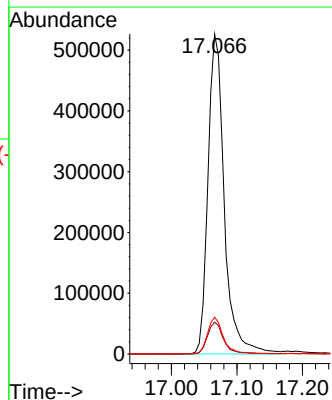
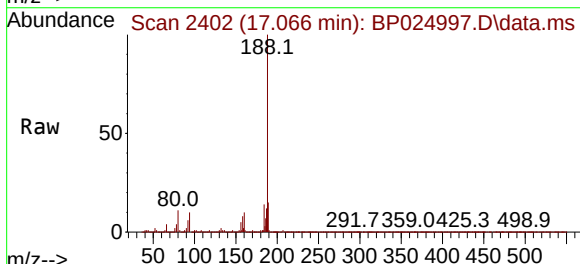
Instrument :
BNA_P
ClientSampleId :
TP-8

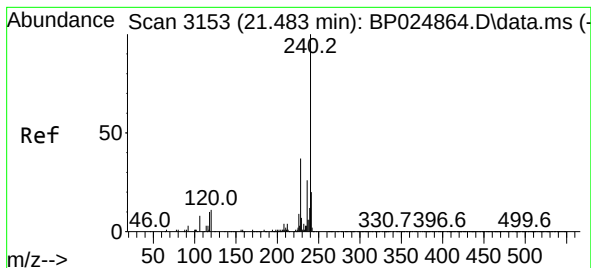
Tgt Ion: 77 Resp: 102939
Ion Ratio Lower Upper
77 100
182 78.9 5.4 45.4#
105 153.0 0.8 40.8#
51 36.5 8.1 48.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 2402
Delta R.T. 0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Tgt Ion: 188 Resp: 912049
Ion Ratio Lower Upper
188 100
94 10.0 7.3 10.9
80 11.5 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.513 min Scan# 3153

Delta R.T. 0.029 min

Lab File: BP024997.D

Acq: 18 Jun 2025 16:49

Instrument :

BNA_P

ClientSampleId :

TP-8

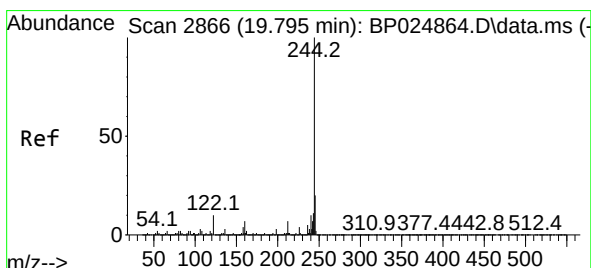
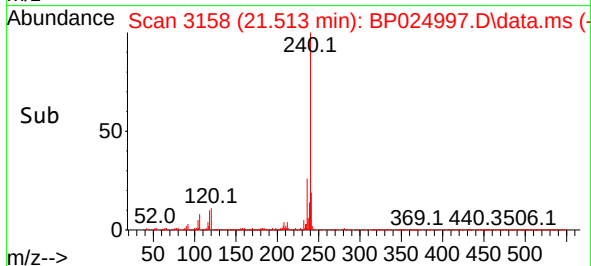
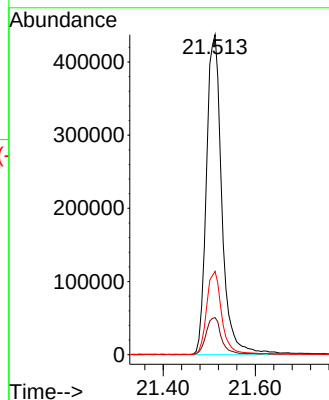
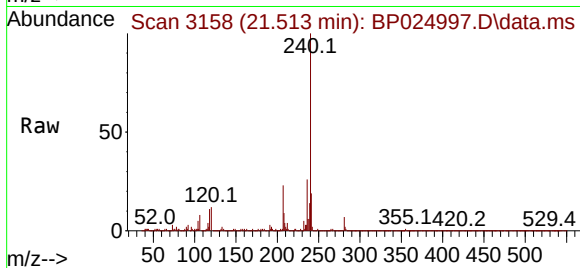
Tgt Ion:240 Resp: 1019432

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 87.522 ng

RT: 19.789 min Scan# 2865

Delta R.T. -0.006 min

Lab File: BP024997.D

Acq: 18 Jun 2025 16:49

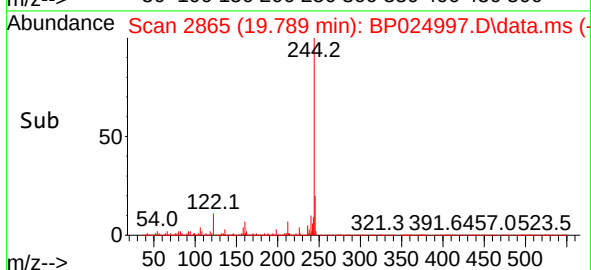
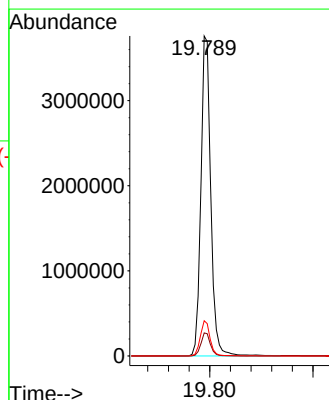
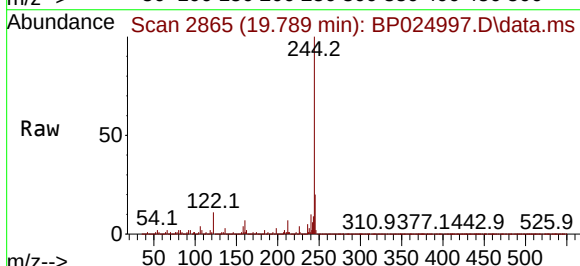
Tgt Ion:244 Resp: 4978268

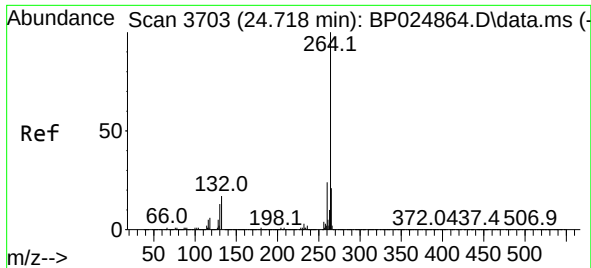
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.0 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.789 min Scan# 31
Delta R.T. 0.071 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

Instrument :
BNA_P
ClientSampleId :
TP-8

Tgt Ion:264 Resp: 1159619

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.2	17.4	26.0

