

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

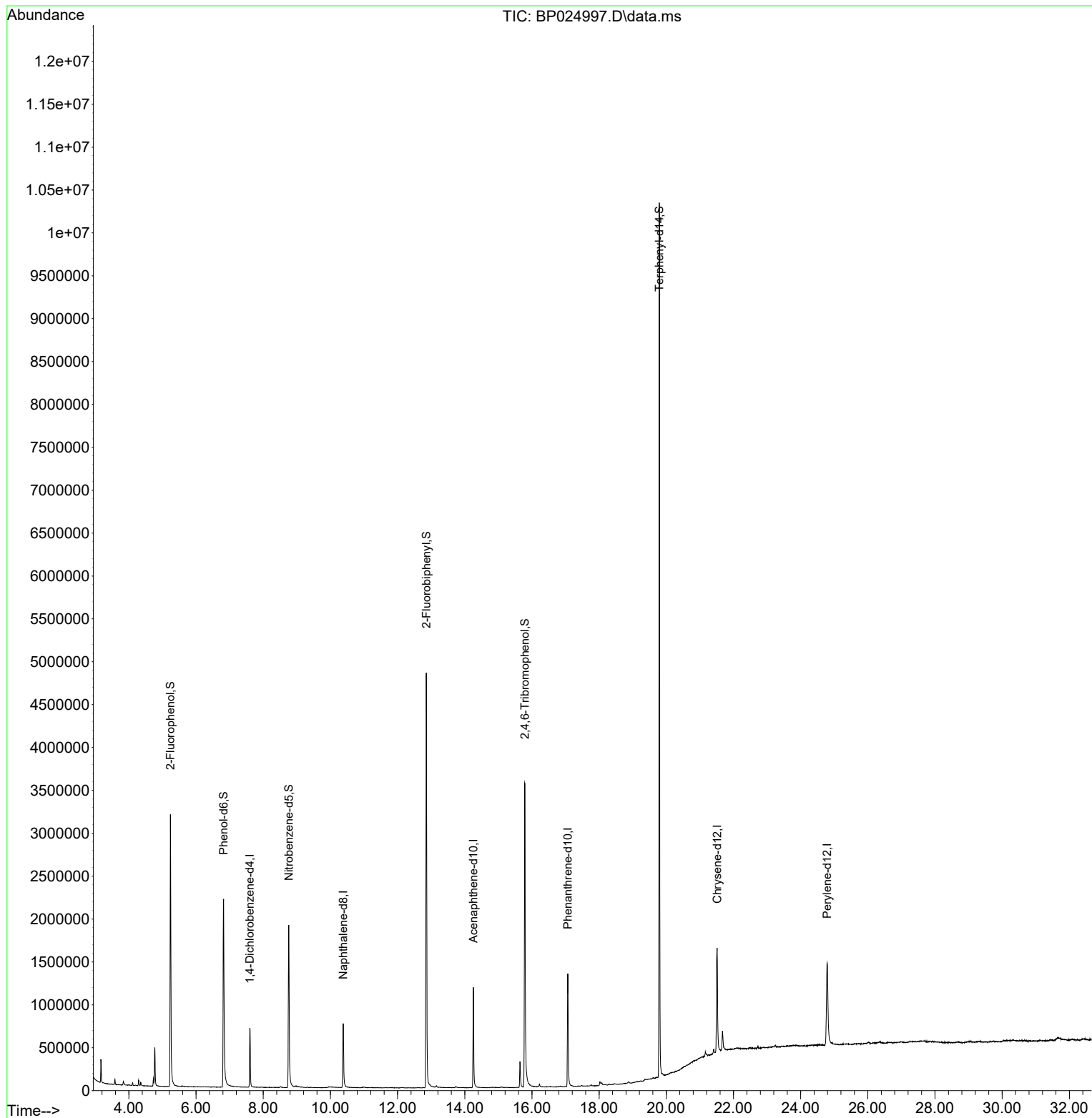
Target Compounds	Qvalue

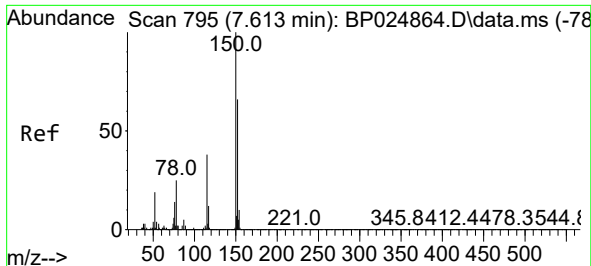
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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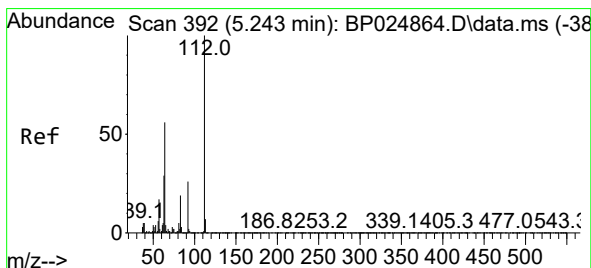
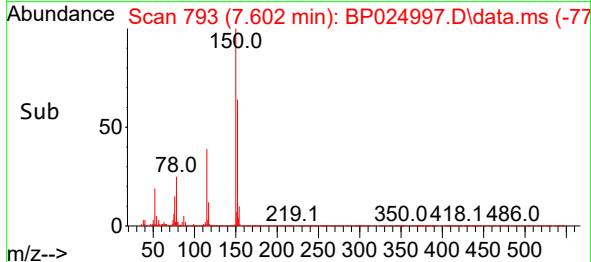
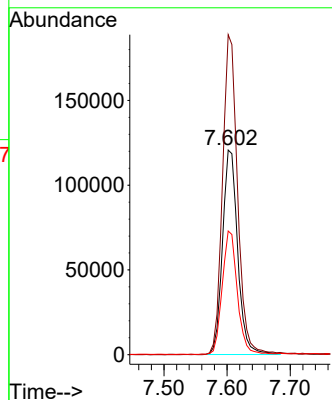
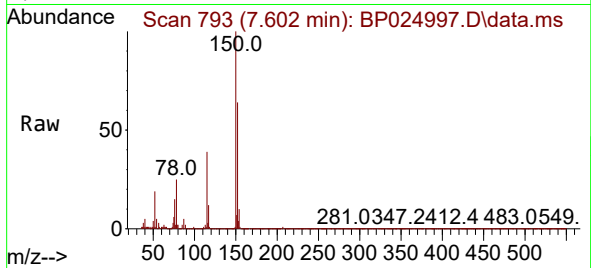




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

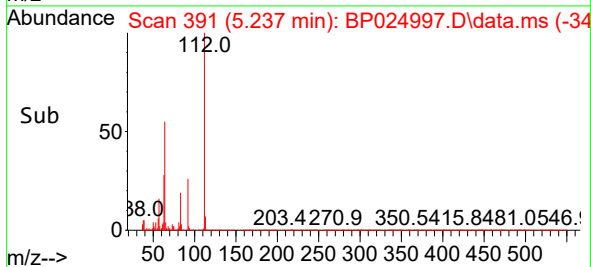
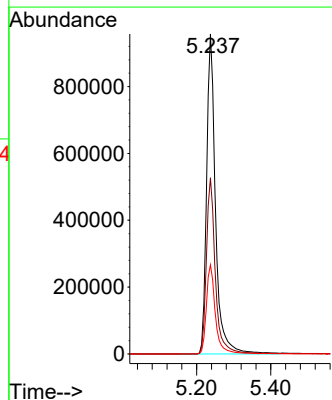
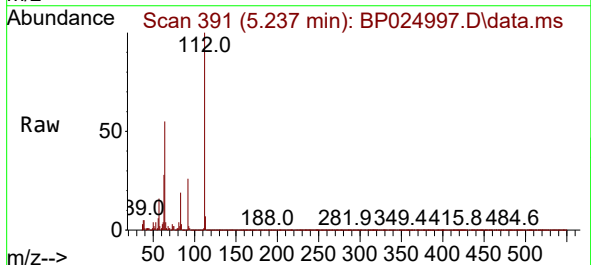
Instrument :
BNA_P
ClientSampleId :
TP-8

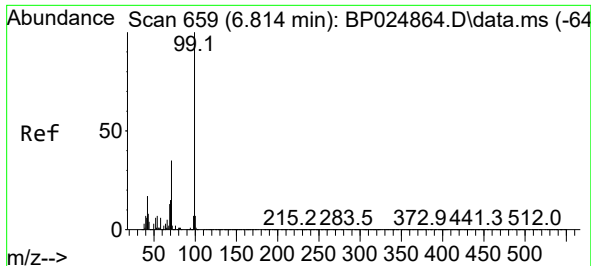
Tgt Ion:152 Resp: 201735
Ion Ratio Lower Upper
152 100
150 156.3 122.1 183.1
115 60.4 46.4 69.6



#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

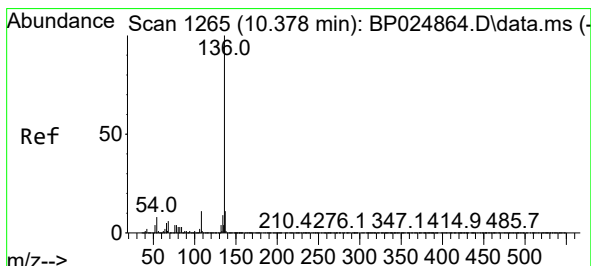
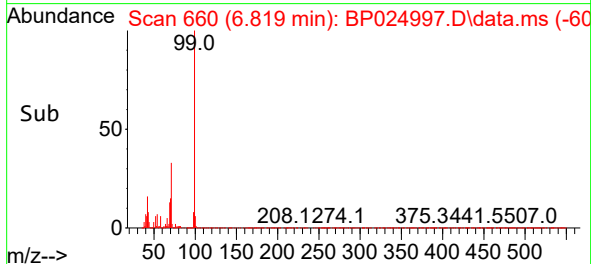
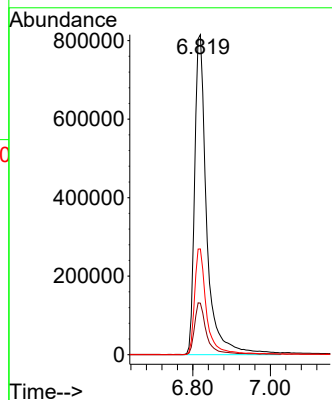
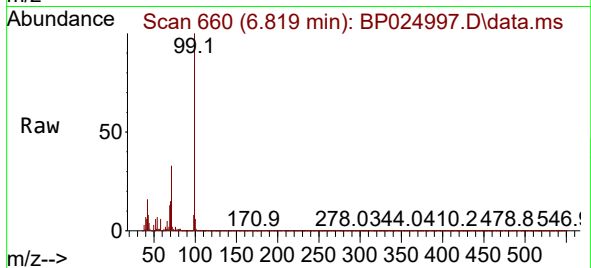




#7
Phenol-d6
Concen: 110.810 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

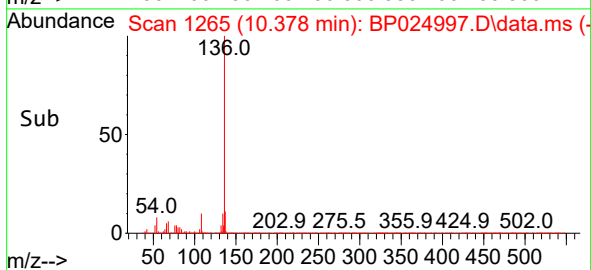
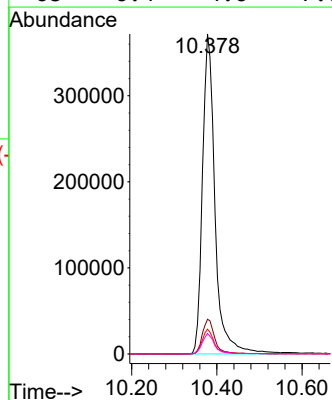
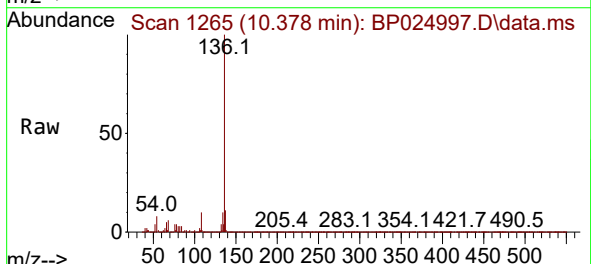
Instrument :
BNA_P
ClientSampleId :
TP-8

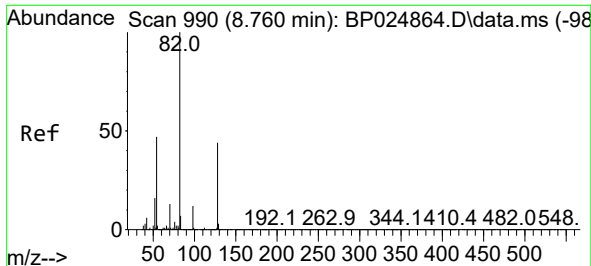
Tgt Ion: 99 Resp: 1771928
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.0 27.6 41.4



#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

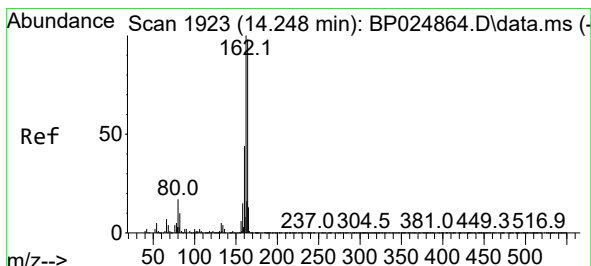
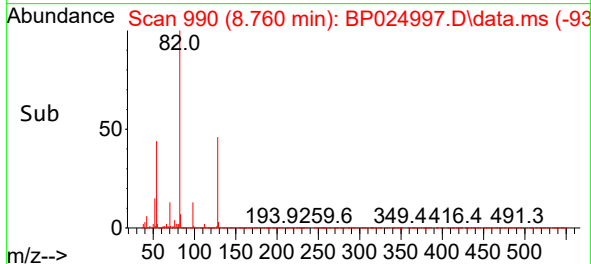
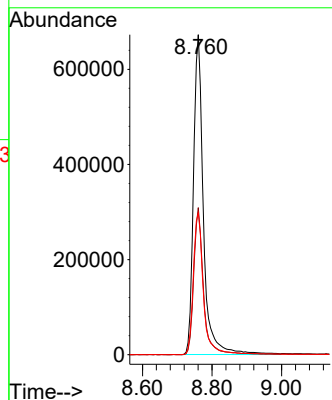
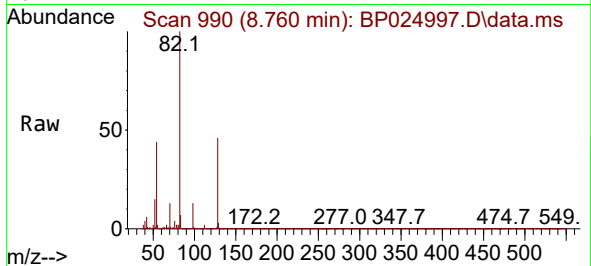




#23
Nitrobenzene-d5
Concen: 85.947 ng
RT: 8.760 min Scan# 990
Delta R.T. -0.000 min
Lab File: BP024997.D
Acq: 18 Jun 2025 16:49

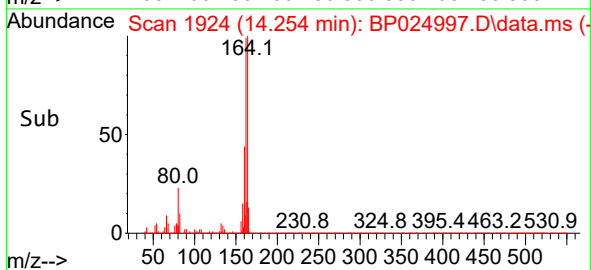
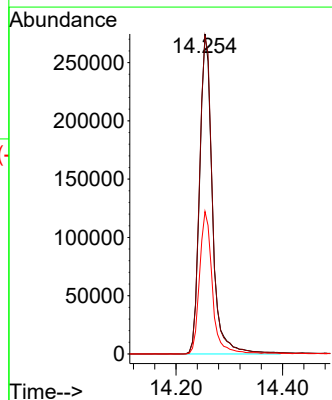
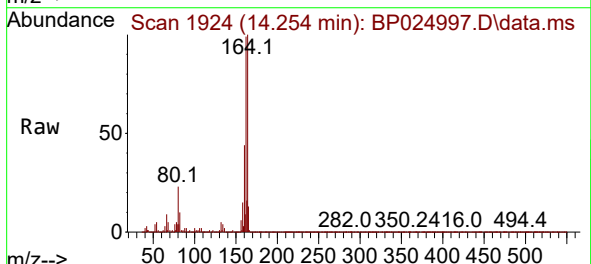
Instrument :
BNA_P
ClientSampleId :
TP-8

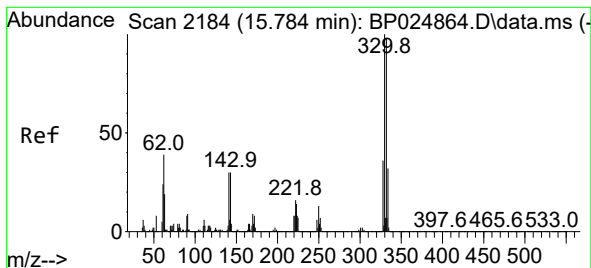
Tgt Ion: 82 Resp: 1340161
Ion Ratio Lower Upper
82 100
128 45.9 35.3 52.9
54 44.3 37.4 56.0



#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

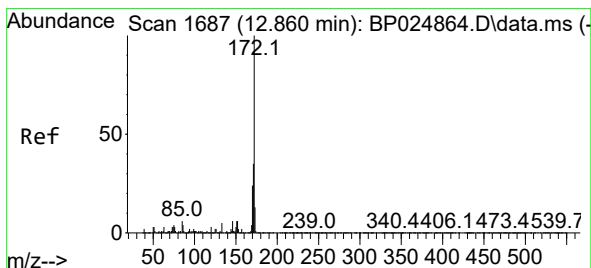
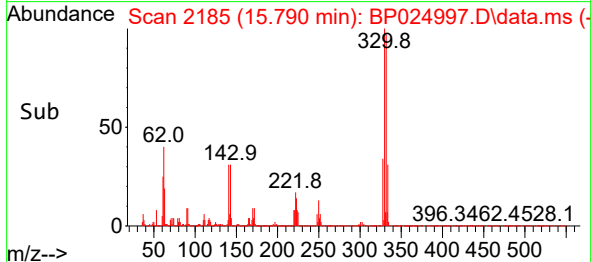
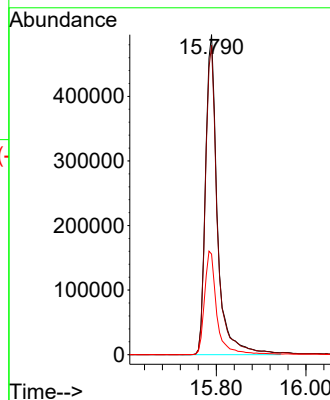
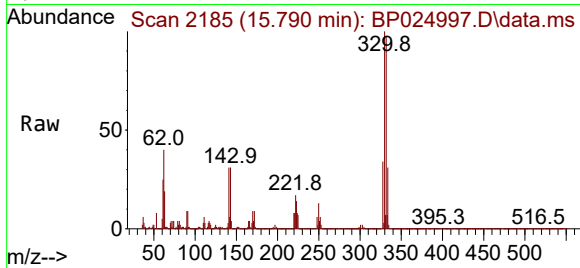
Tgt Ion:330 Resp: 916470

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

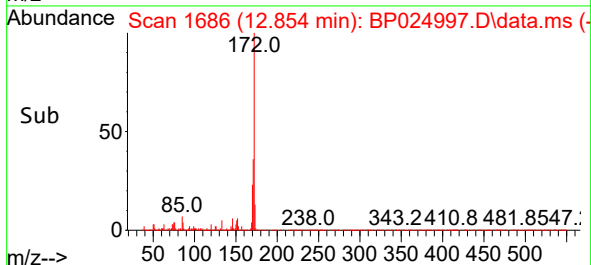
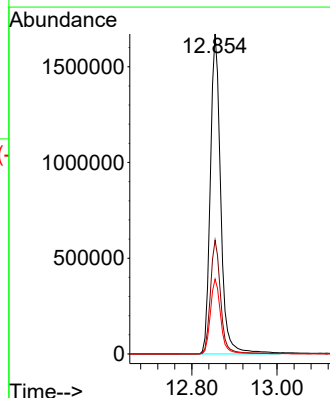
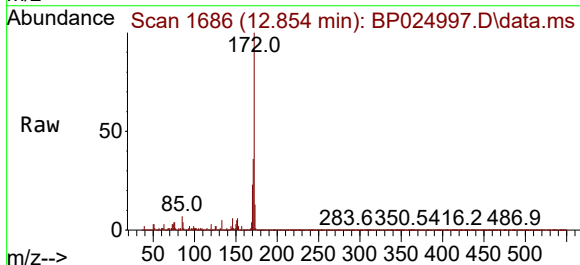
Tgt Ion:172 Resp: 2828835

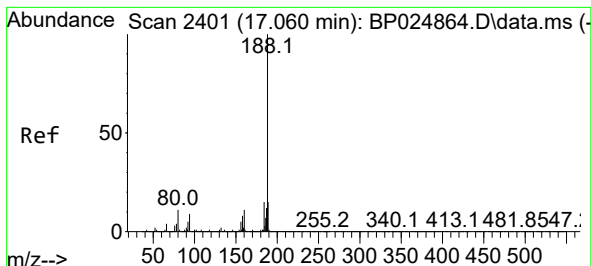
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.0 28.4





#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

Instrument :

BNA_P

ClientSampleId :

TP-8

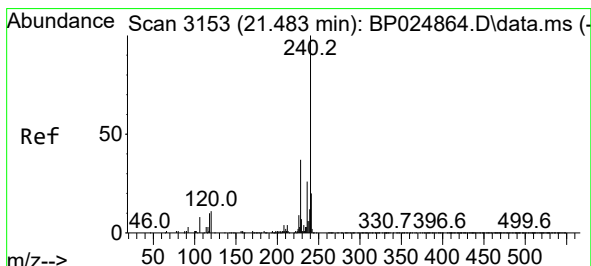
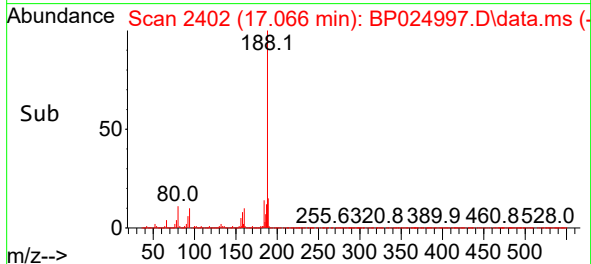
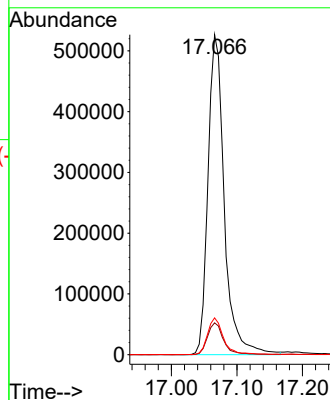
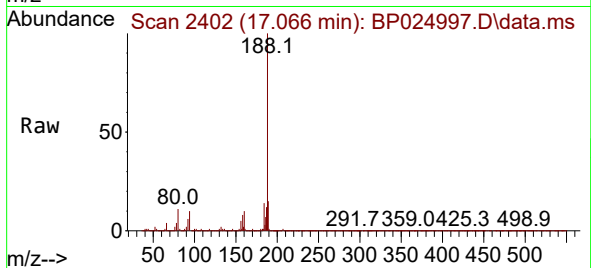
Tgt Ion:188 Resp: 912049

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# 3158

Delta R.T. 0.029 min

Lab File: BP024997.D

Acq: 18 Jun 2025 16:49

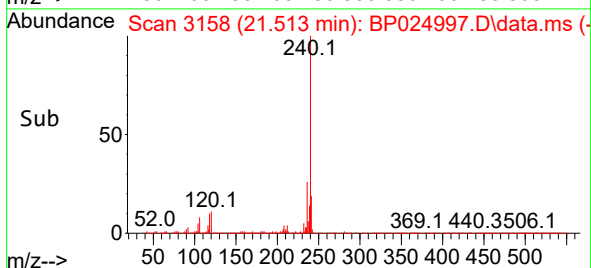
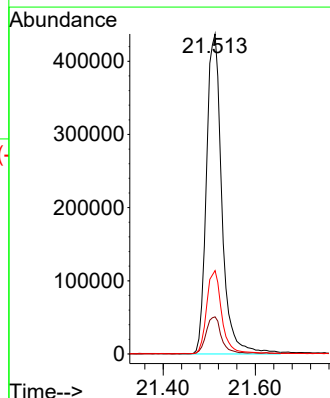
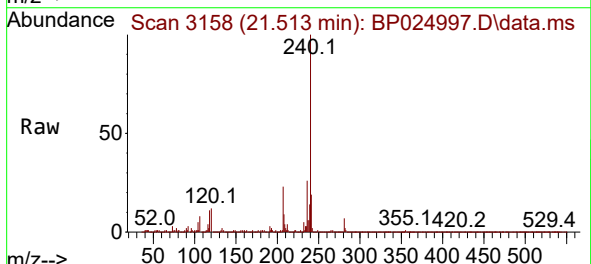
Tgt Ion:240 Resp: 1019432

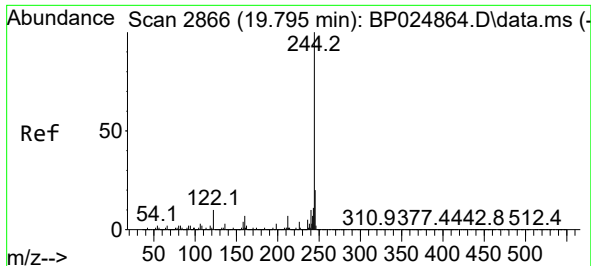
Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 26.1 20.9 31.3

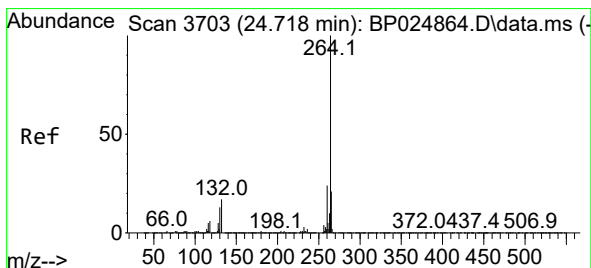
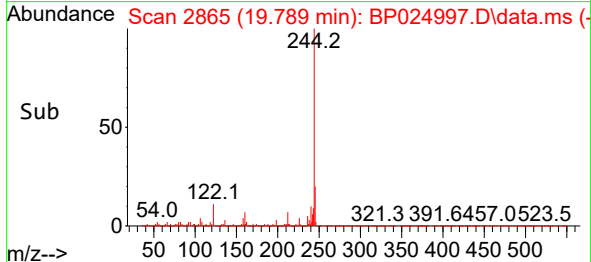
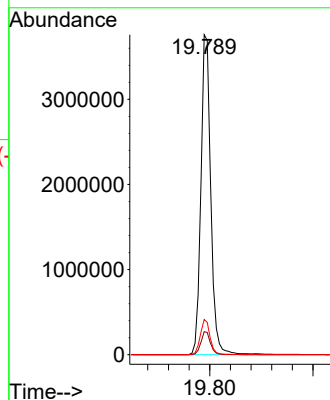
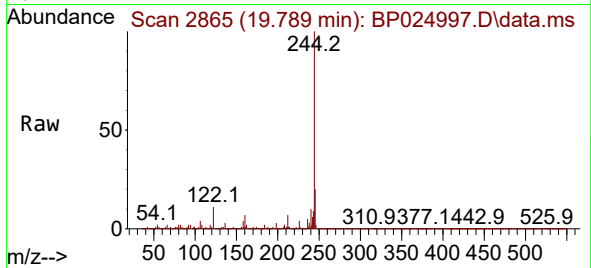




#79
 Terphenyl-d14
 Concen: 87.522 ng
 RT: 19.789 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024997.D
 Acq: 18 Jun 2025 16:49

Instrument :
 BNA_P
 ClientSampleId :
 TP-8

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# 3715
 Delta R.T. 0.071 min
 Lab File: BP024997.D
 Acq: 18 Jun 2025 16:49

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

