

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
 Data File : BP024988.D
 Acq On : 18 Jun 2025 10:36
 Operator : RC/JU
 Sample : PB168509BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168509BL

Quant Time: Jun 18 11:35:51 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	7.608	152	278843	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1046607	20.000	ng	0.00
39) Acenaphthene-d10	14.260	164	632257	20.000	ng	0.01
64) Phenanthrene-d10	17.072	188	1245796	20.000	ng	0.01
76) Chrysene-d12	21.501	240	1328391	20.000	ng	0.02
86) Perylene-d12	24.771	264	1595374	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2391475	143.158	ng	0.00
7) Phenol-d6	6.819	99	2902428	131.316	ng	0.00
23) Nitrobenzene-d5	8.761	82	1812094	84.134	ng	0.00
42) 2,4,6-Tribromophenol	15.790	330	1178919	134.868	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3825055	81.499	ng	0.00
79) Terphenyl-d14	19.795	244	6242246	84.220	ng	0.00

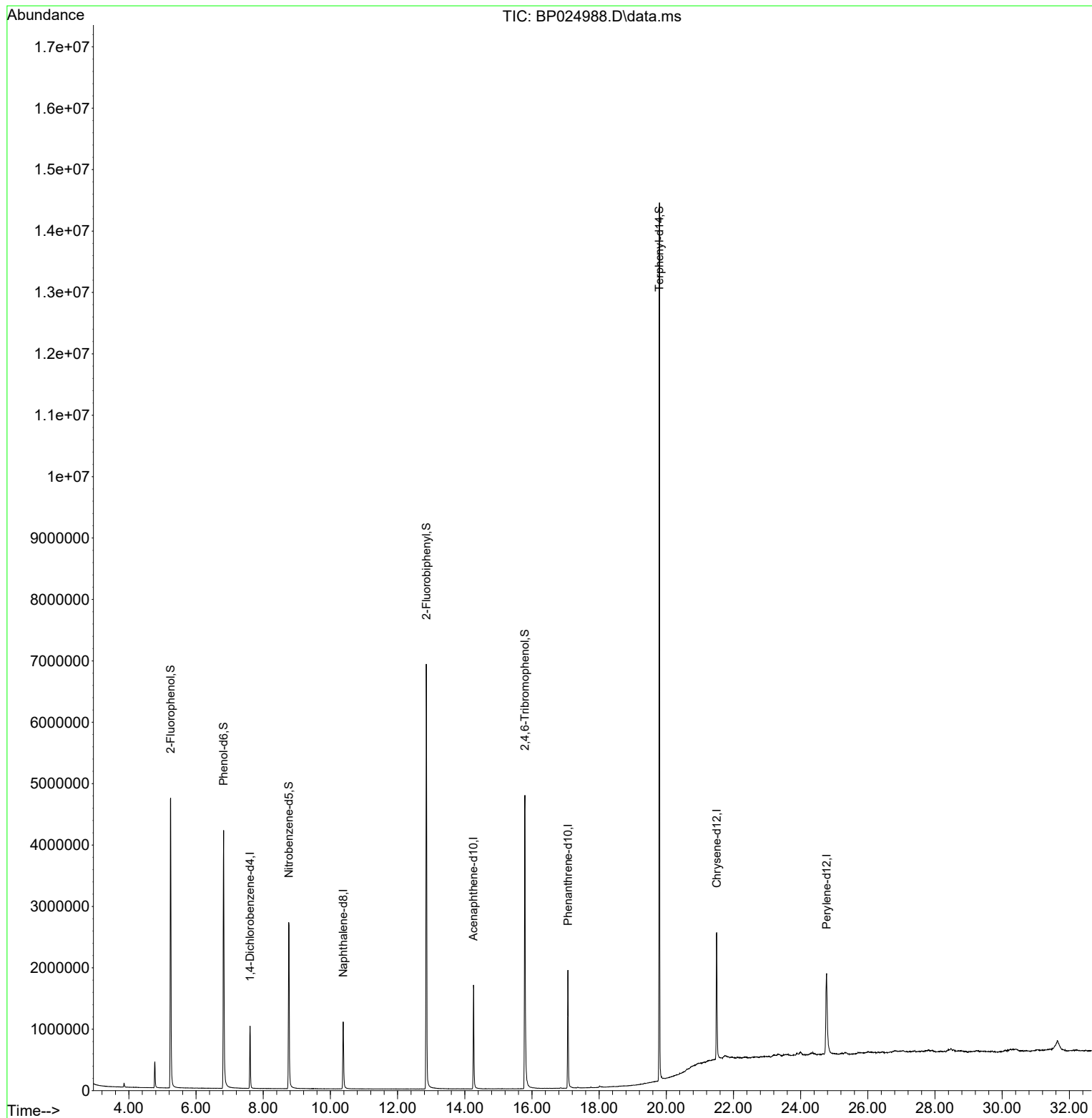
Target Compounds	Qvalue

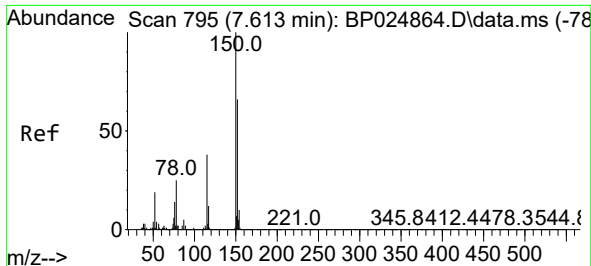
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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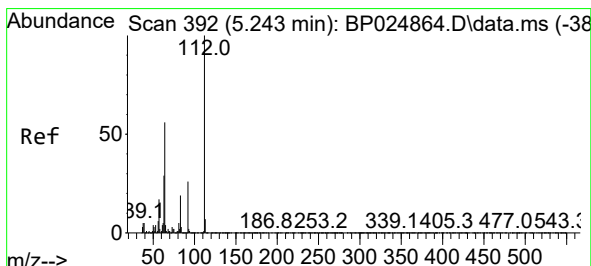
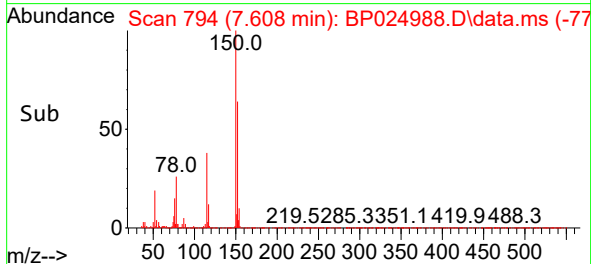
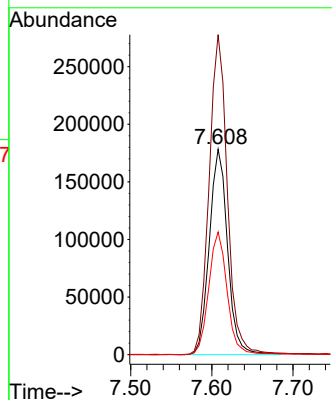
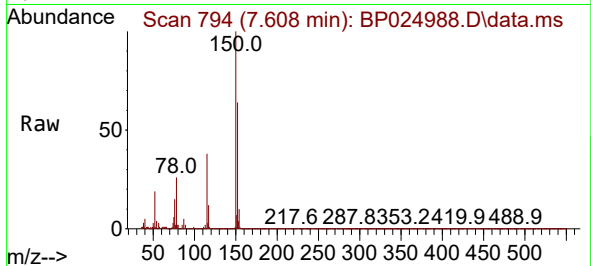




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

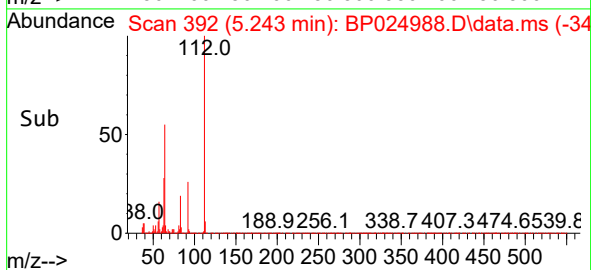
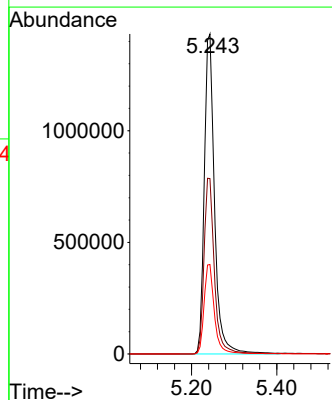
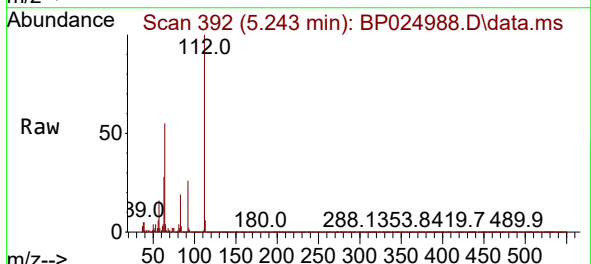
Instrument :
BNA_P
ClientSampleId :
PB168509BL

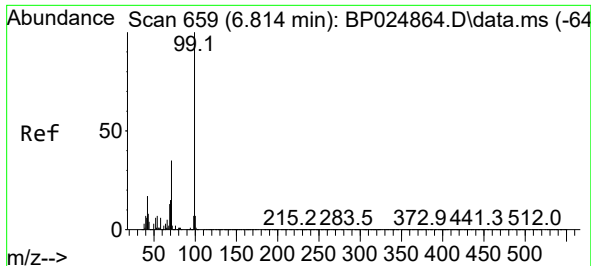
Tgt Ion:152 Resp: 278843
Ion Ratio Lower Upper
152 100
150 155.8 122.1 183.1
115 59.8 46.4 69.6



#5
2-Fluorophenol
Concen: 143.158 ng
RT: 5.243 min Scan# 392
Delta R.T. 0.000 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

Tgt Ion:112 Resp: 2391475
Ion Ratio Lower Upper
112 100
64 54.8 44.7 67.1
63 27.9 23.5 35.3

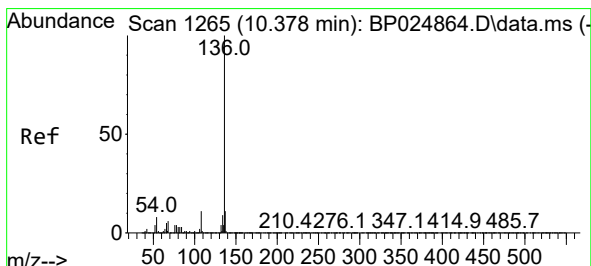
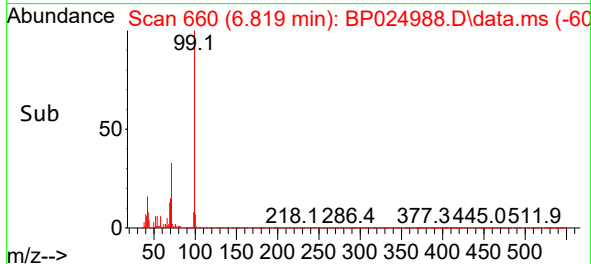
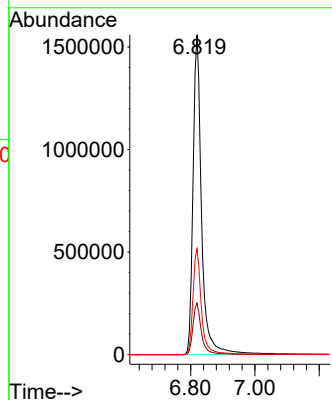
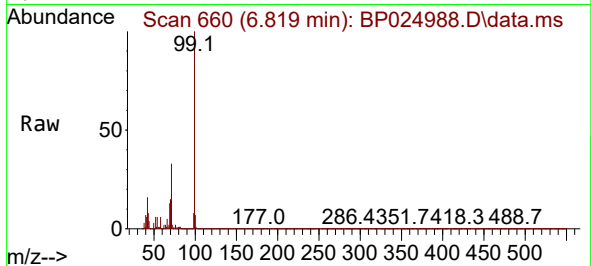




#7
Phenol-d6
Concen: 131.316 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

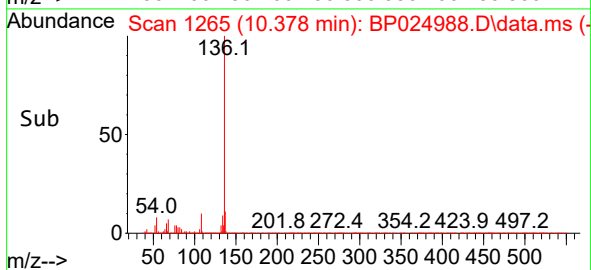
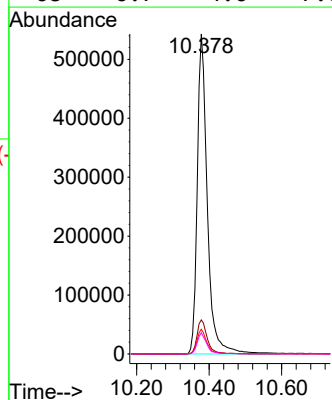
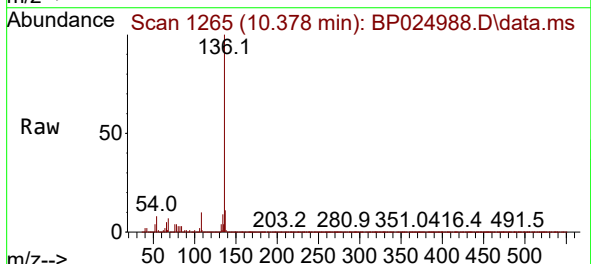
Instrument :
BNA_P
ClientSampleId :
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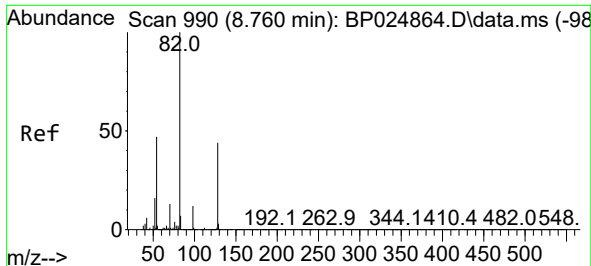
Tgt Ion: 99 Resp: 2902428
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.2
71 33.1 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

Tgt Ion:136 Resp: 1046607
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.7 6.1 9.1
68 6.7 4.6 7.0

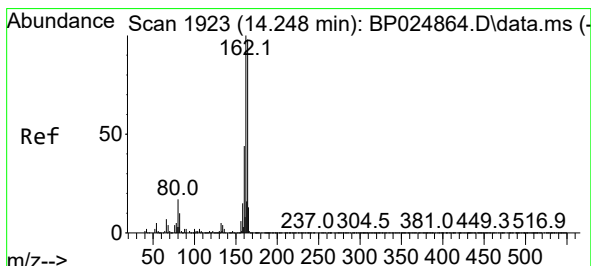
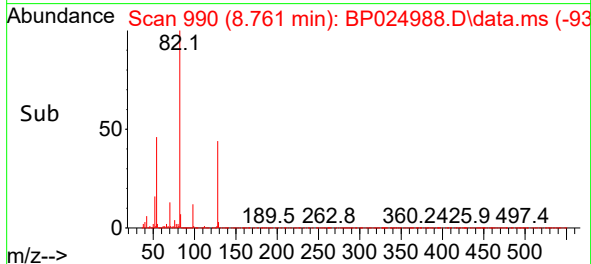
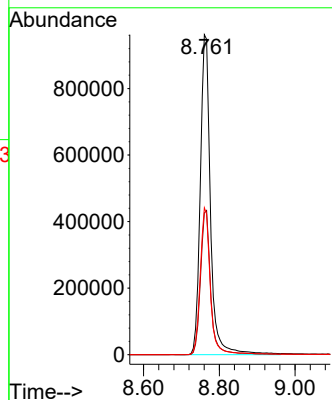
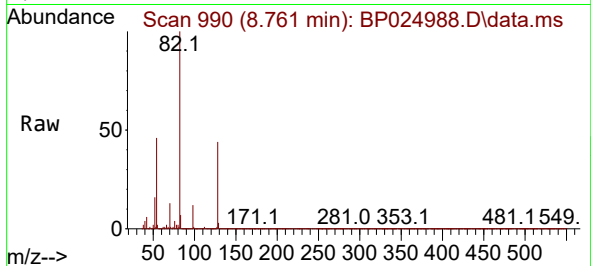




#23
Nitrobenzene-d5
Concen: 84.134 ng
RT: 8.761 min Scan# 990
Delta R.T. 0.000 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

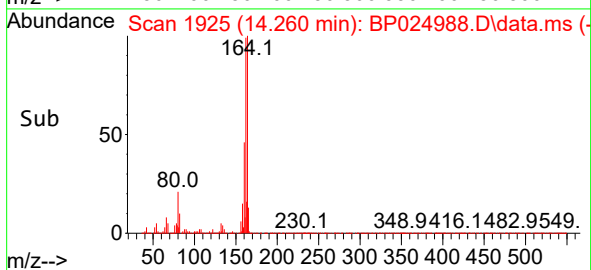
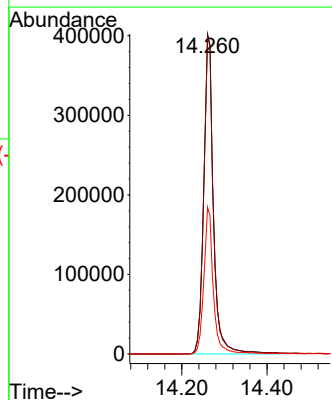
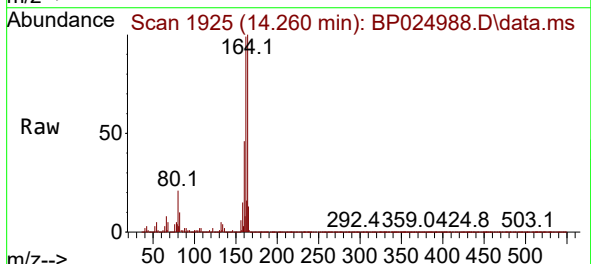
Instrument :
BNA_P
ClientSampleId :
PB168509BL

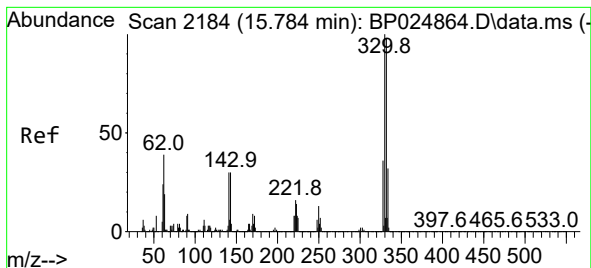
Tgt Ion: 82 Resp: 1812094
Ion Ratio Lower Upper
82 100
128 44.3 35.3 52.9
54 45.9 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

Tgt Ion:164 Resp: 632257
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 45.9 36.2 54.2

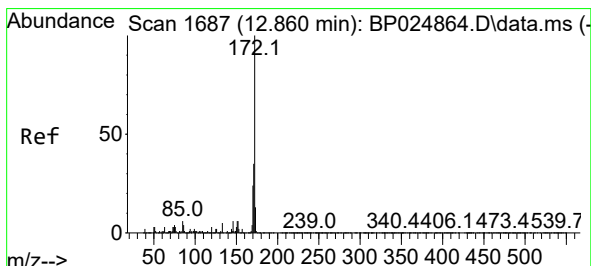
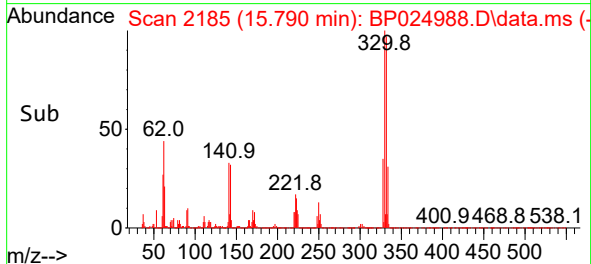
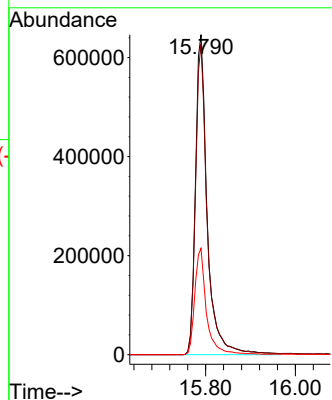
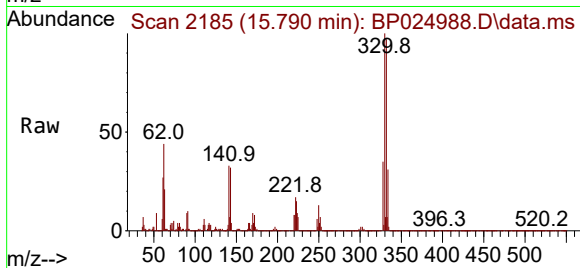




#42
2,4,6-Tribromophenol
Concen: 134.868 ng
RT: 15.790 min Scan# 2184
Delta R.T. 0.006 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

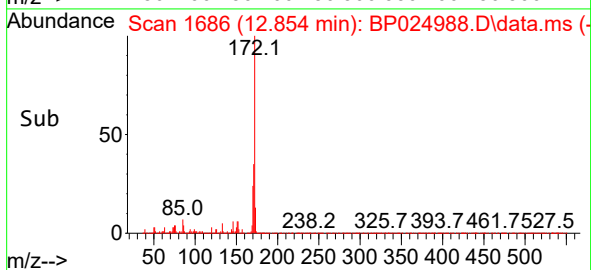
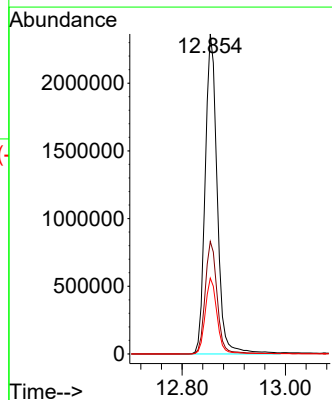
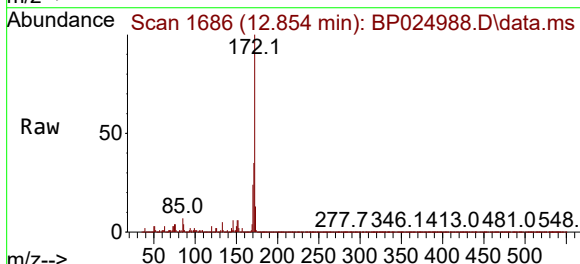
Instrument :
BNA_P
ClientSampleId :
PB168509BL

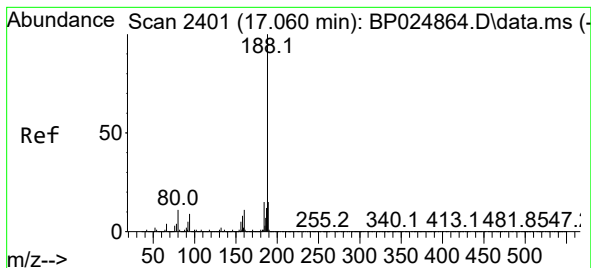
Tgt Ion:330 Resp: 1178919
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.1 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 81.499 ng
RT: 12.854 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BP024988.D
Acq: 18 Jun 2025 10:36

Tgt Ion:172 Resp: 3825055
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.072 min Scan# 2403

Delta R.T. 0.012 min

Lab File: BP024988.D

Acq: 18 Jun 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB168509BL

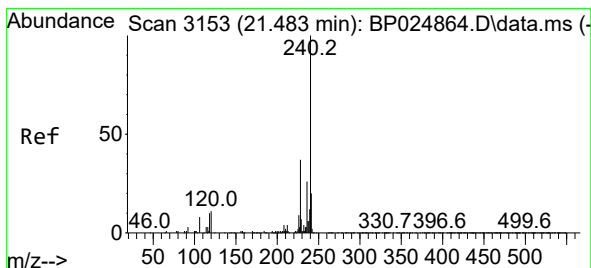
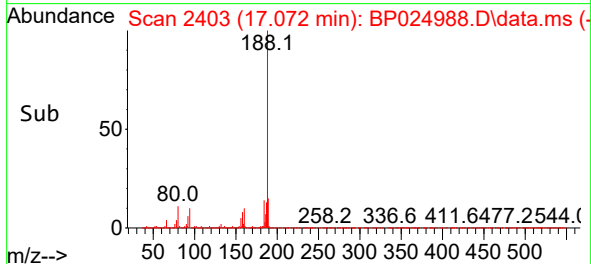
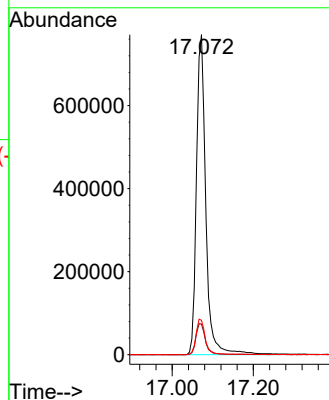
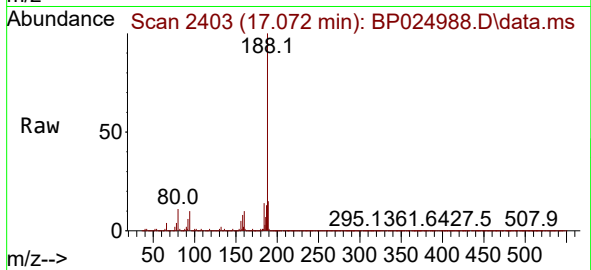
Tgt Ion:188 Resp: 1245796

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

80 10.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.501 min Scan# 3156

Delta R.T. 0.018 min

Lab File: BP024988.D

Acq: 18 Jun 2025 10:36

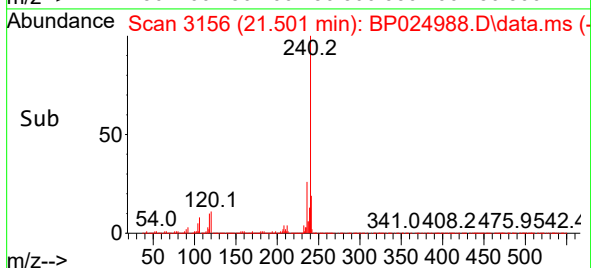
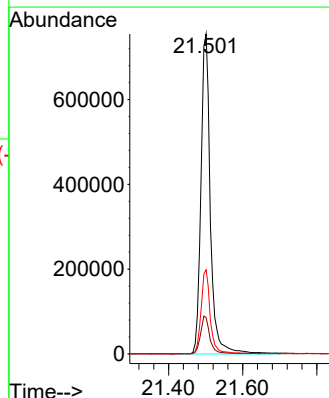
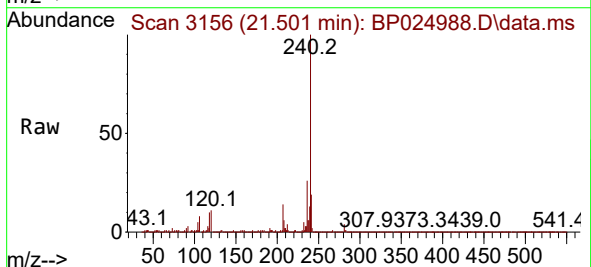
Tgt Ion:240 Resp: 1328391

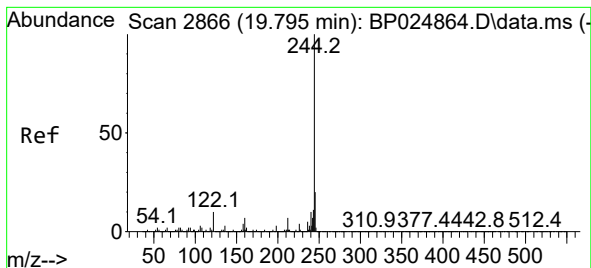
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 84.220 ng

RT: 19.795 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024988.D

Acq: 18 Jun 2025 10:36

Instrument :

BNA_P

ClientSampleId :

PB168509BL

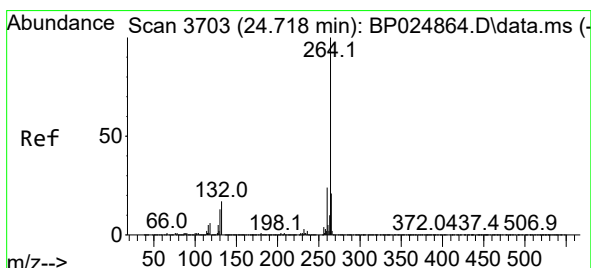
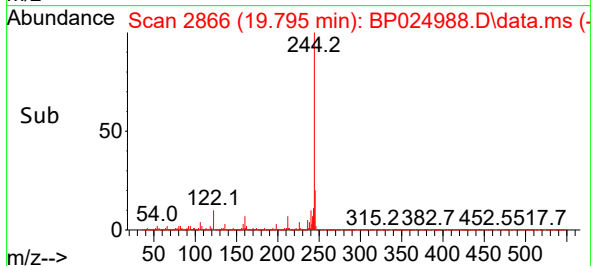
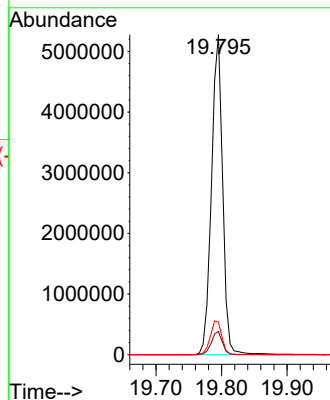
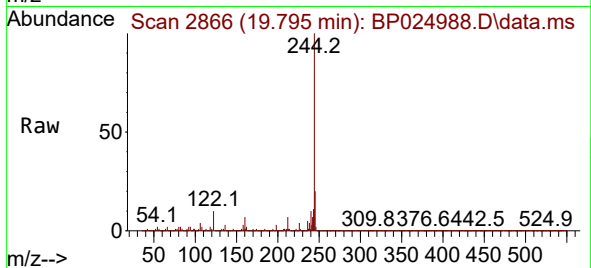
Tgt Ion:244 Resp: 6242246

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 10.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.053 min

Lab File: BP024988.D

Acq: 18 Jun 2025 10:36

Tgt Ion:264 Resp: 1595374

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.3 17.4 26.0

