

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
 Data File : BP025023.D
 Acq On : 20 Jun 2025 18:25
 Operator : RC/JU
 Sample : Q2354-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3321

Quant Time: Jun 20 18:46:20 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)

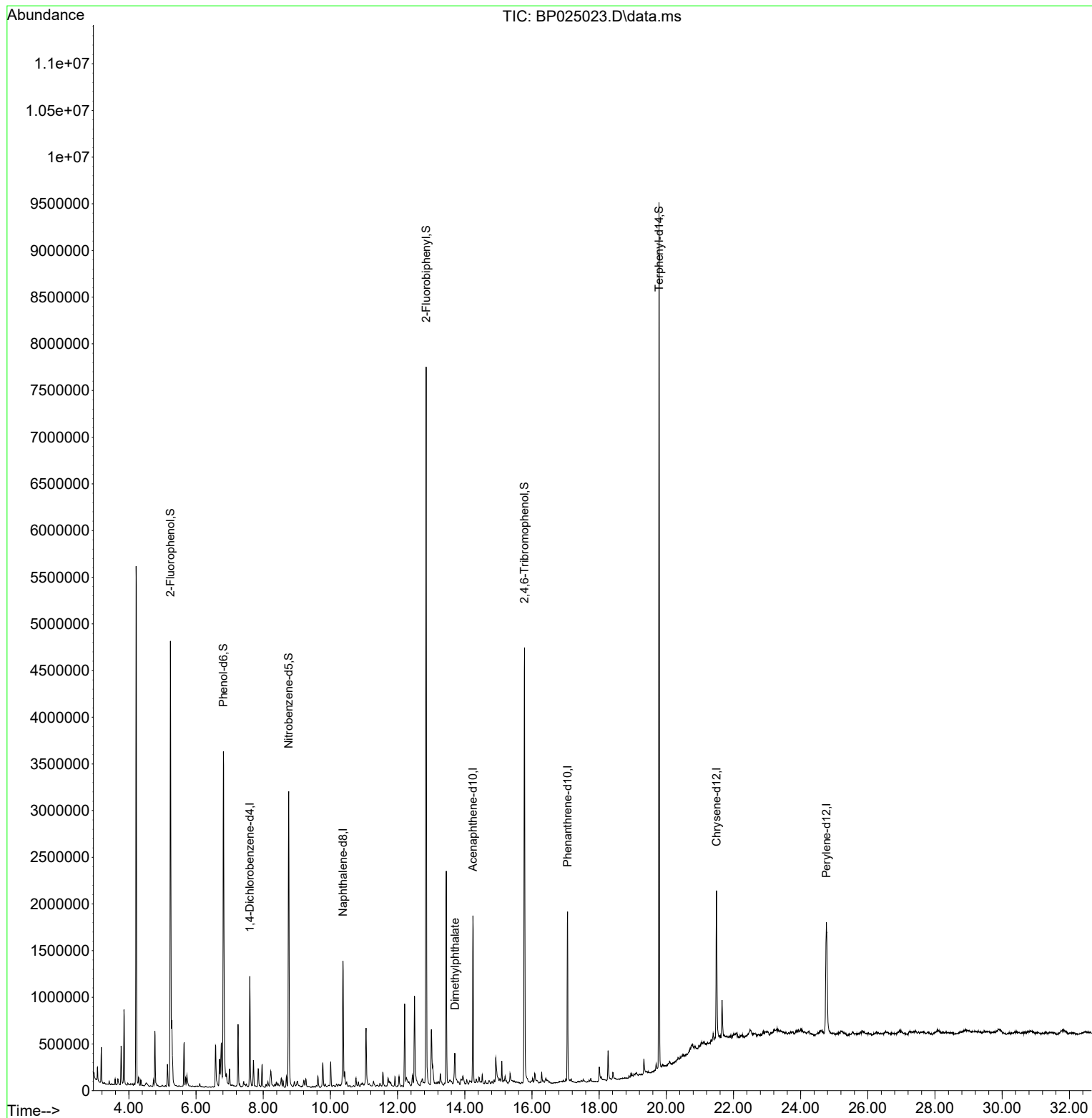
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	325716	20.000	ng	-0.01
21) Naphthalene-d8	10.372	136	1154700	20.000	ng	0.00
39) Acenaphthene-d10	14.243	164	625105	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1028389	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1106104	20.000	ng	0.01
86) Perylene-d12	24.766	264	1471076	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	2327158	119.260	ng	0.00
7) Phenol-d6	6.814	99	2502928	96.945	ng	0.00
23) Nitrobenzene-d5	8.755	82	1883598	79.267	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1097437	126.983	ng	0.00
45) 2-Fluorobiphenyl	12.849	172	3932954	84.756	ng	-0.01
79) Terphenyl-d14	19.783	244	4774505	77.362	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.707	163	142184	3.083	ng	99

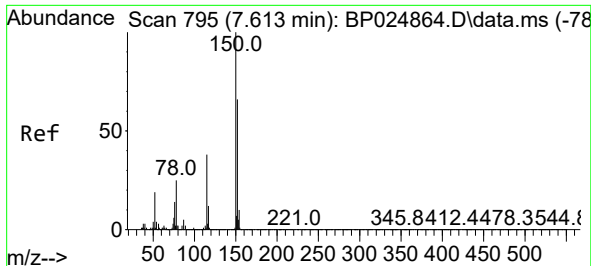
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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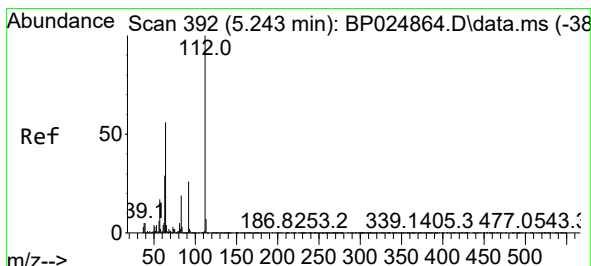
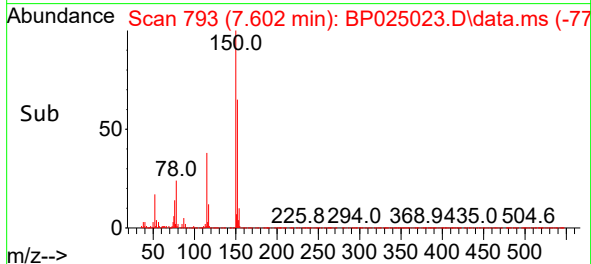
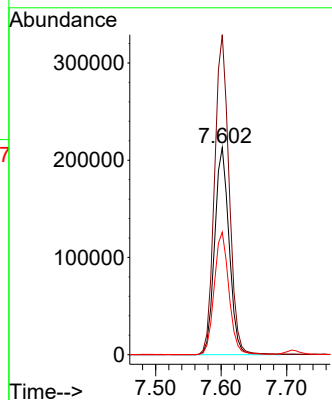
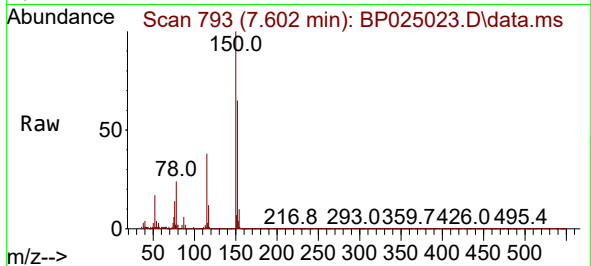




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.602 min Scan# 795
Delta R.T. -0.011 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

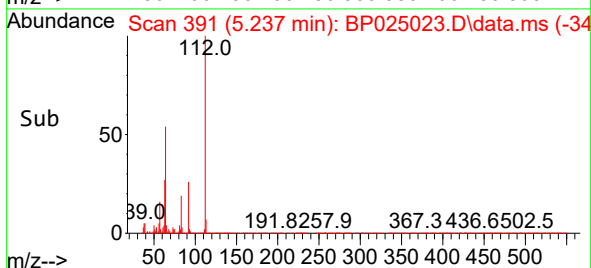
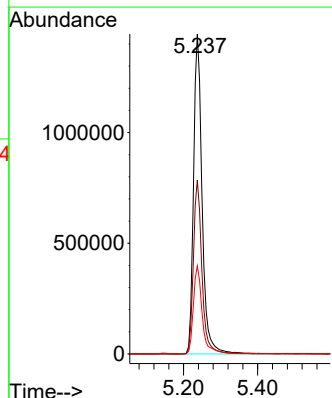
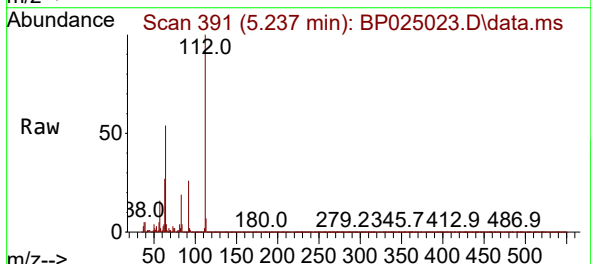
Instrument :
BNA_P
ClientSampleId :
3321

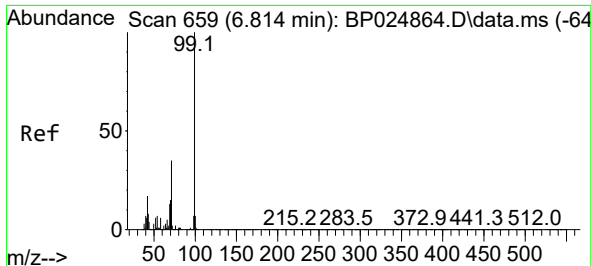
Tgt Ion:152 Resp: 325716
Ion Ratio Lower Upper
152 100
150 154.4 122.1 183.1
115 59.2 46.4 69.6



#5
2-Fluorophenol
Concen: 119.260 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:112 Resp: 2327158
Ion Ratio Lower Upper
112 100
64 54.3 44.7 67.1
63 27.5 23.5 35.3

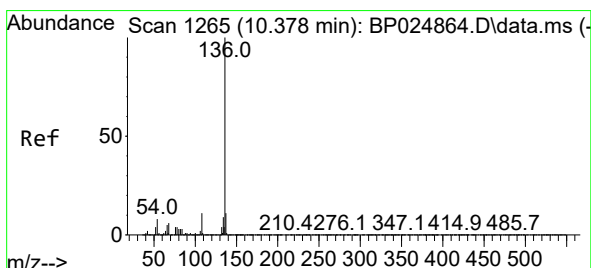
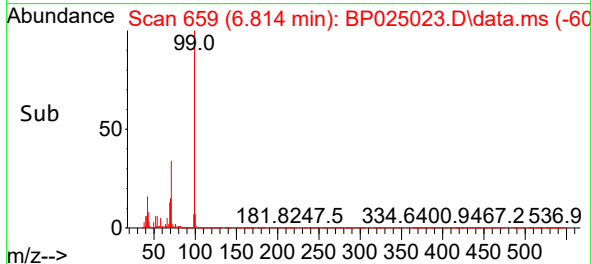
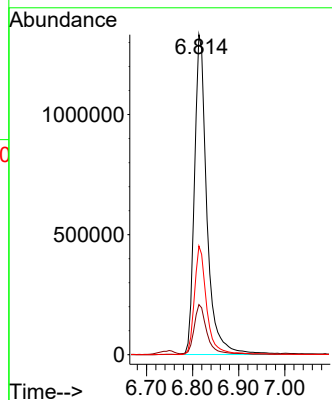
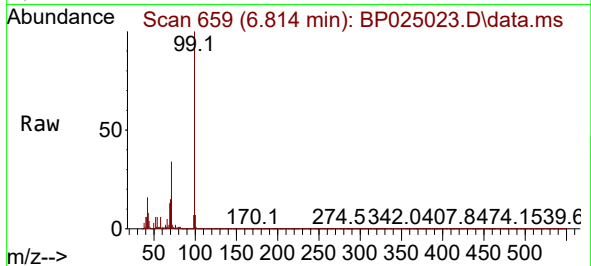




#7
Phenol-d6
Concen: 96.945 ng
RT: 6.814 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

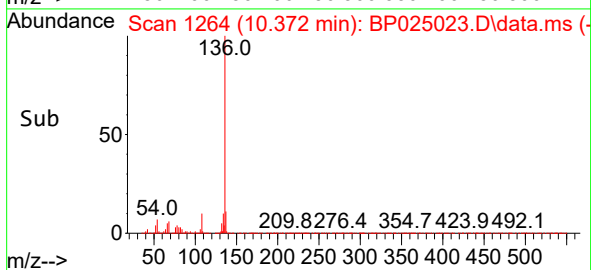
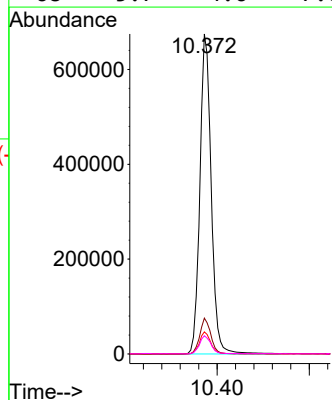
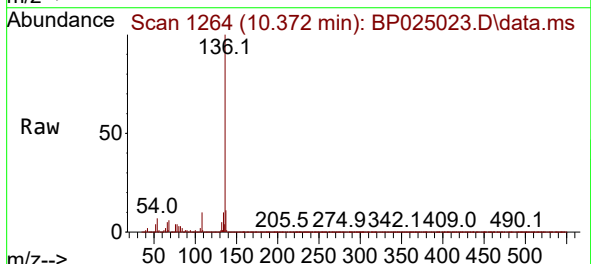
Instrument :
BNA_P
ClientSampleId :
3321

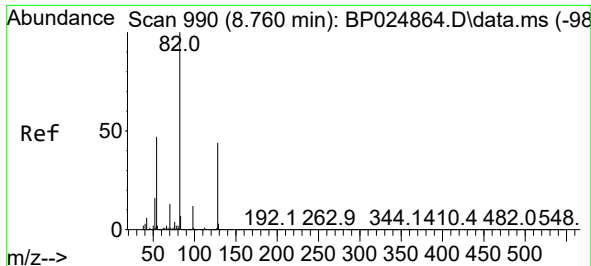
Tgt Ion: 99 Resp: 2502928
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.2
71 33.9 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion: 136 Resp: 1154700
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.9 6.1 9.1
68 5.7 4.6 7.0

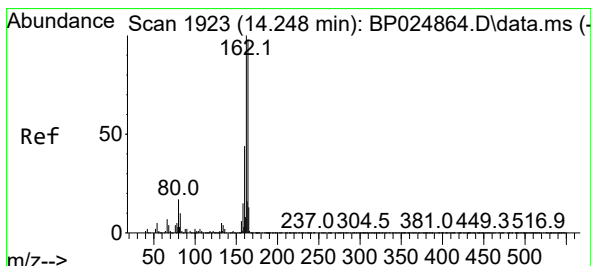
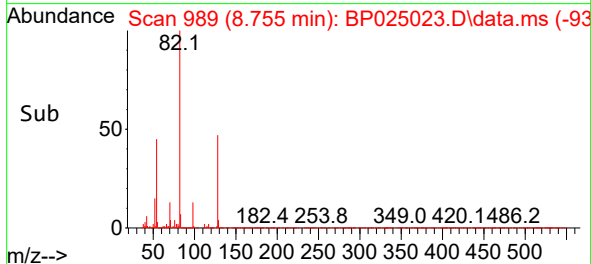
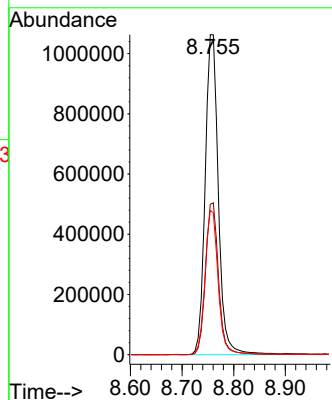
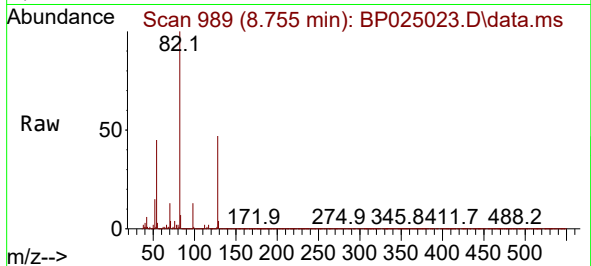




#23
Nitrobenzene-d5
Concen: 79.267 ng
RT: 8.755 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

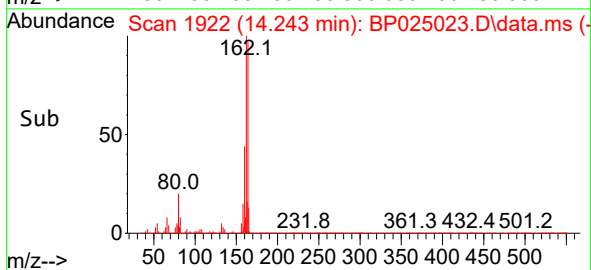
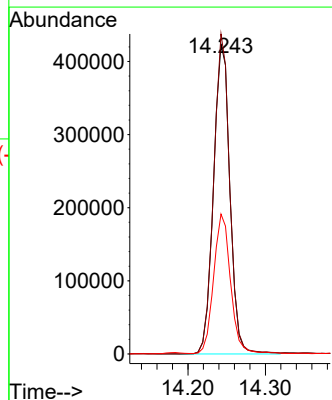
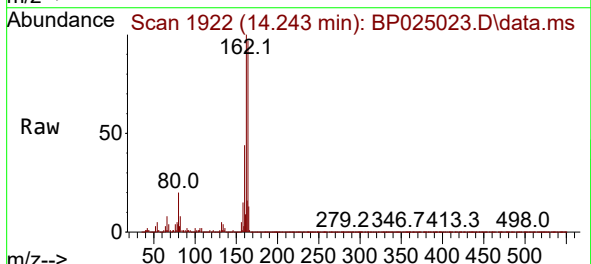
Instrument :
BNA_P
ClientSampleId :
3321

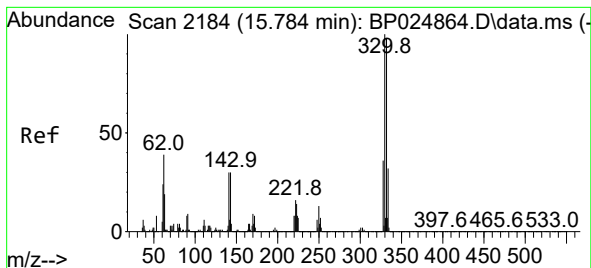
Tgt Ion: 82 Resp: 1883598
Ion Ratio Lower Upper
82 100
128 47.0 35.3 52.9
54 45.0 37.4 56.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.243 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:164 Resp: 625105
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 45.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 126.983 ng

RT: 15.778 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025023.D

Acq: 20 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

3321

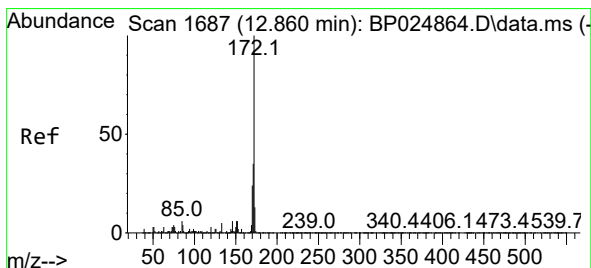
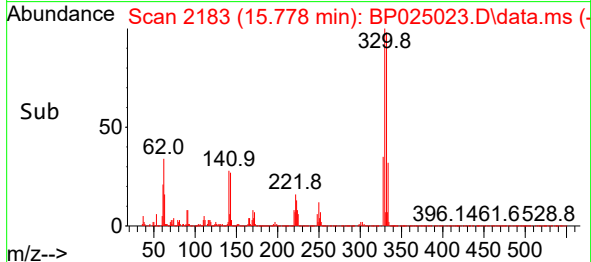
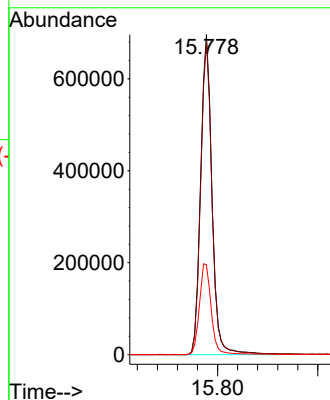
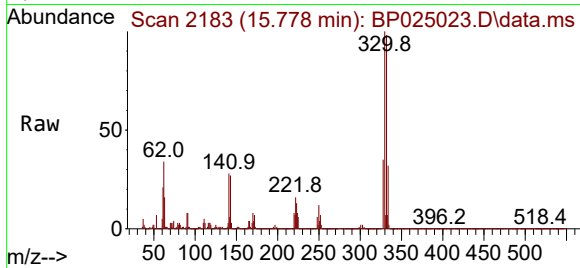
Tgt Ion:330 Resp: 1097437

Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 29.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 84.756 ng

RT: 12.849 min Scan# 1685

Delta R.T. -0.012 min

Lab File: BP025023.D

Acq: 20 Jun 2025 18:25

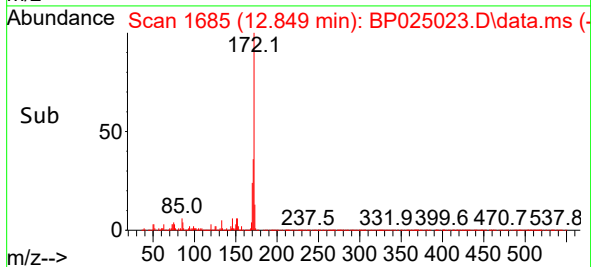
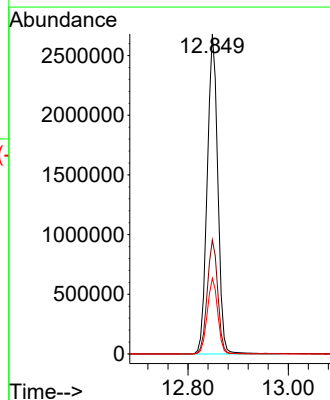
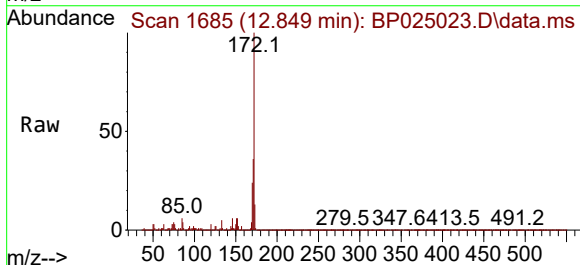
Tgt Ion:172 Resp: 3932954

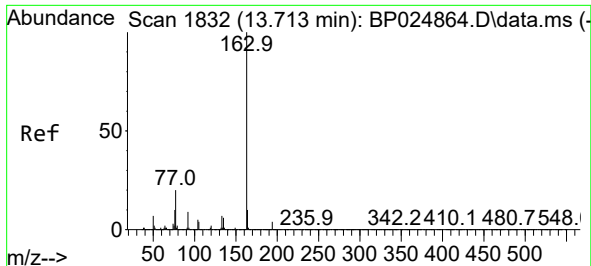
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.4

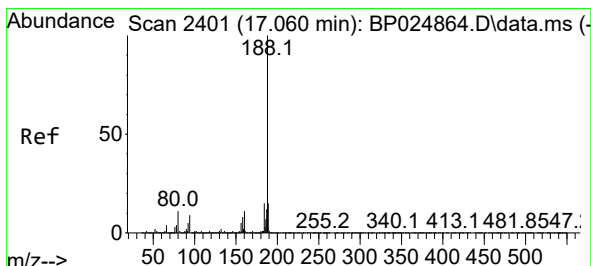
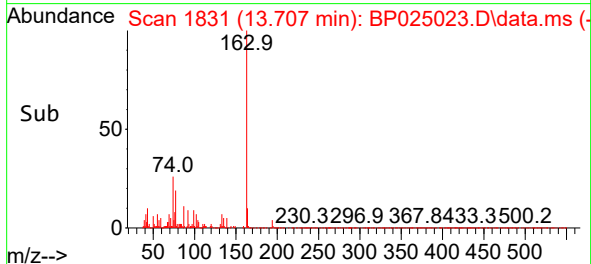
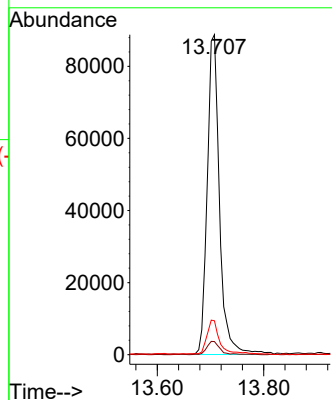
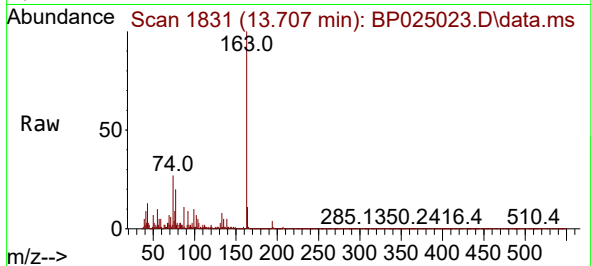




#50
Dimethylphthalate
Concen: 3.083 ng
RT: 13.707 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

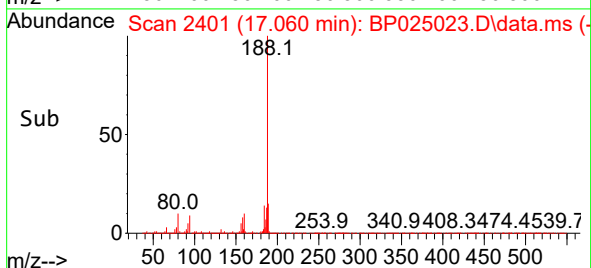
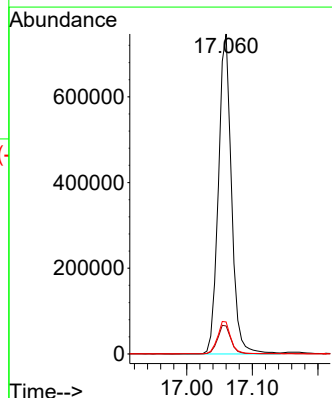
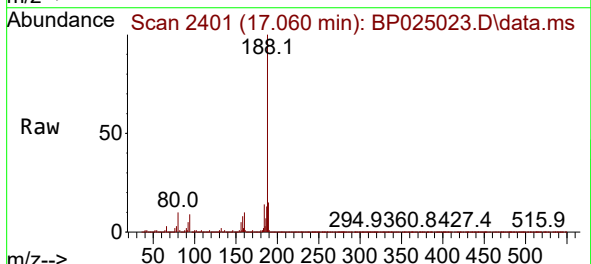
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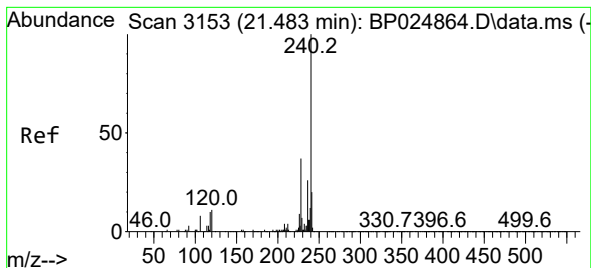
Tgt Ion:163 Resp: 142184
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.6 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BP025023.D
Acq: 20 Jun 2025 18:25

Tgt Ion:188 Resp: 1028389
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 10.0 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP025023.D

Acq: 20 Jun 2025 18:25

Instrument :

BNA_P

ClientSampleId :

3321

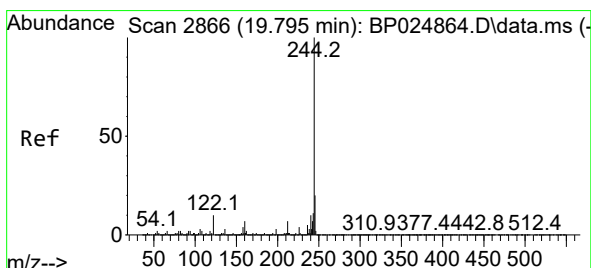
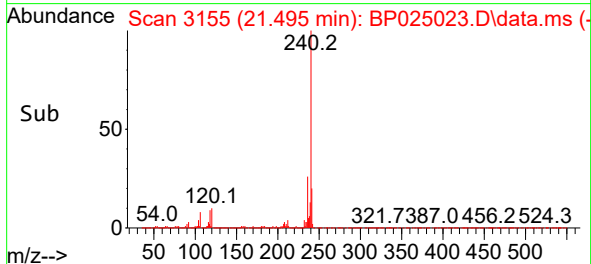
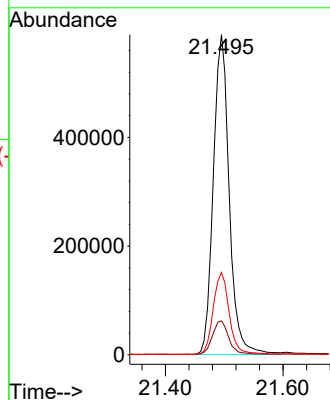
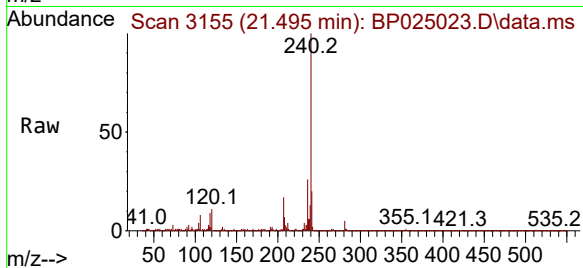
Tgt Ion:240 Resp: 1106104

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 77.362 ng

RT: 19.783 min Scan# 2864

Delta R.T. -0.012 min

Lab File: BP025023.D

Acq: 20 Jun 2025 18:25

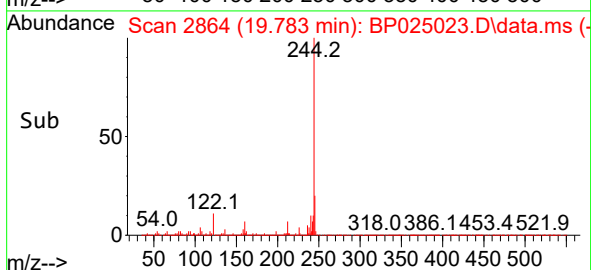
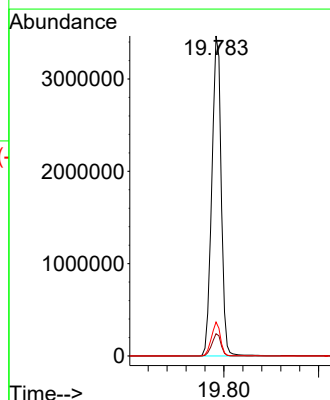
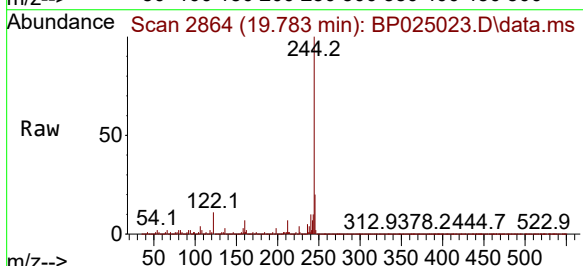
Tgt Ion:244 Resp: 4774505

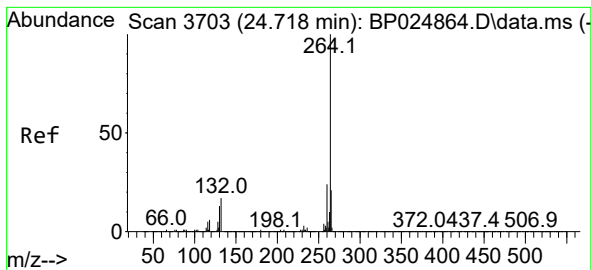
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.6 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.766 min Scan# 31
 Delta R.T. 0.047 min
 Lab File: BP025023.D
 Acq: 20 Jun 2025 18:25

Instrument :
 BNA_P
 ClientSampleId :
 3321

Tgt Ion:264 Resp: 1471076
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.2 17.4 26.0

