

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072825\
 Data File : BP025249.D
 Acq On : 28 Jul 2025 14:47
 Operator : CG/JU
 Sample : PB169022BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169022BL

Quant Time: Jul 28 15:22:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 28 14:29:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.419	152	378732	20.000	ng	0.00
21) Naphthalene-d8	10.149	136	1431730	20.000	ng	0.00
39) Acenaphthene-d10	14.043	164	895001	20.000	ng	0.00
64) Phenanthrene-d10	16.866	188	1893039	20.000	ng	0.02
76) Chrysene-d12	21.260	240	2173039	20.000	ng	0.00
86) Perylene-d12	24.319	264	2632357	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2898819	129.325	ng	0.00
7) Phenol-d6	6.643	99	3388020	122.039	ng	0.00
23) Nitrobenzene-d5	8.549	82	2084825	80.923	ng	0.00
42) 2,4,6-Tribromophenol	15.572	330	1603519	121.531	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	5283090	83.220	ng	-0.01
79) Terphenyl-d14	19.595	244	9224716	83.799	ng	-0.02

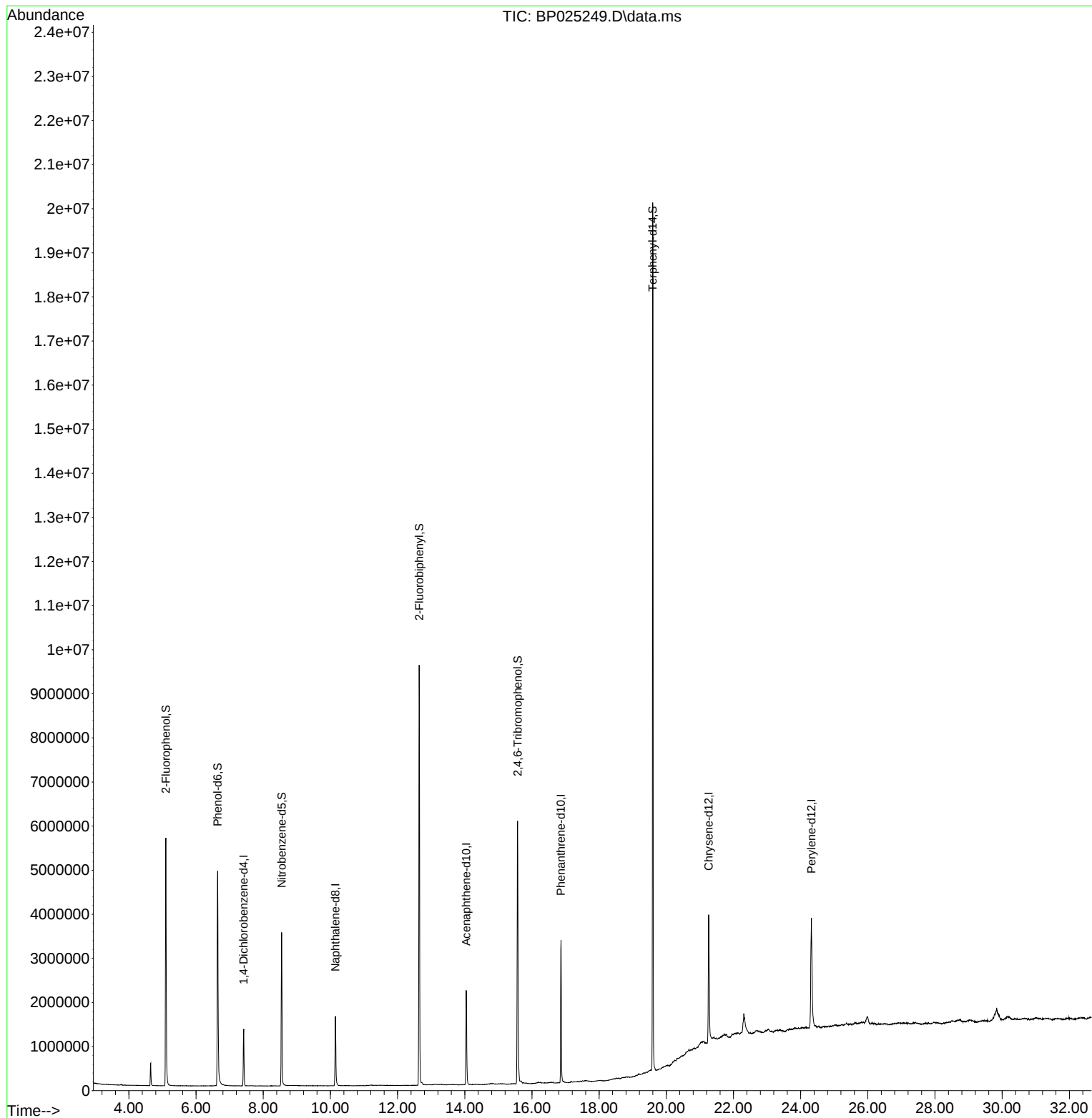
Target Compounds	Qvalue

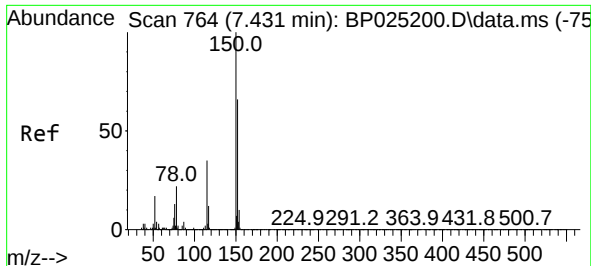
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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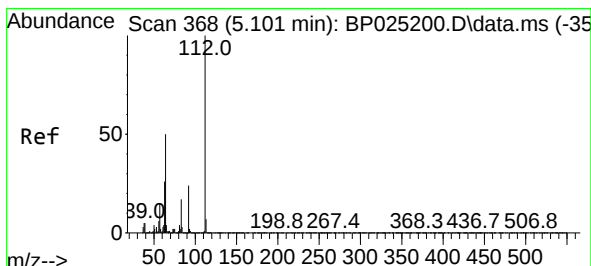
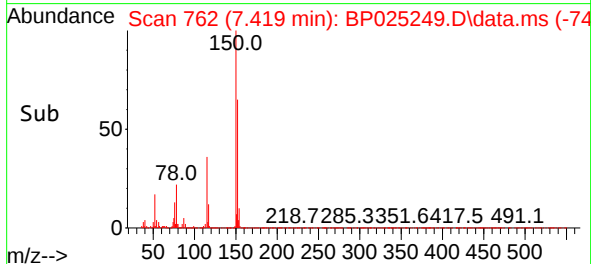
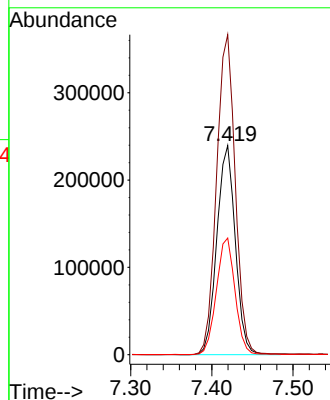
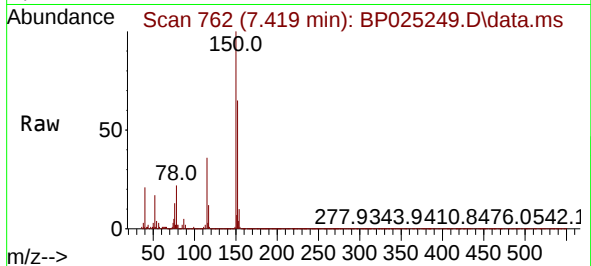




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.419 min Scan# 70
 Delta R.T. 0.005 min
 Lab File: BP025249.D
 Acq: 28 Jul 2025 14:47

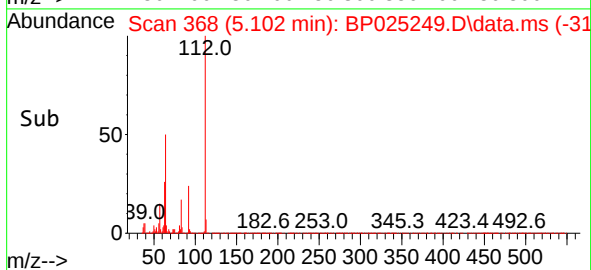
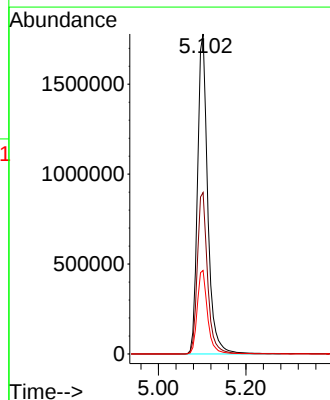
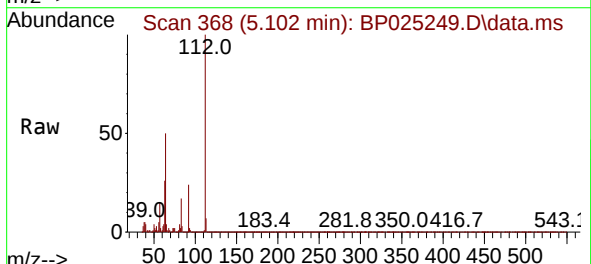
Instrument :
 BNA_P
 ClientSampleId :
 PB169022BL

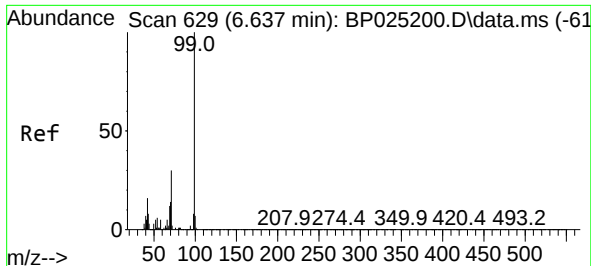
Tgt Ion:152 Resp: 378732
 Ion Ratio Lower Upper
 152 100
 150 153.0 121.9 182.9
 115 55.8 43.0 64.6



#5
 2-Fluorophenol
 Concen: 129.325 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.006 min
 Lab File: BP025249.D
 Acq: 28 Jul 2025 14:47

Tgt Ion:112 Resp: 2898819
 Ion Ratio Lower Upper
 112 100
 64 50.5 39.8 59.6
 63 26.1 20.5 30.7

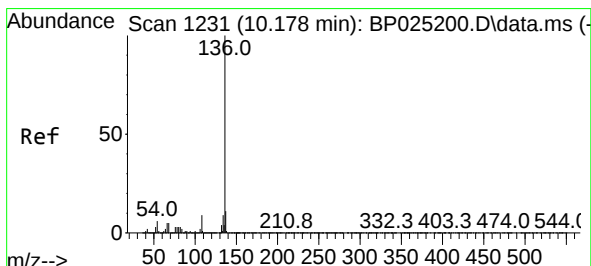
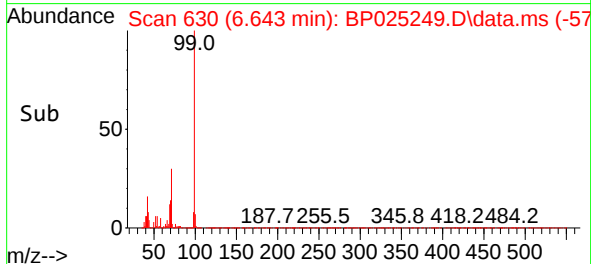
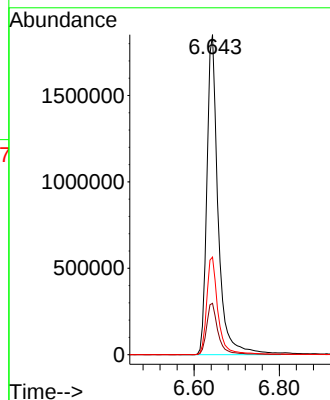
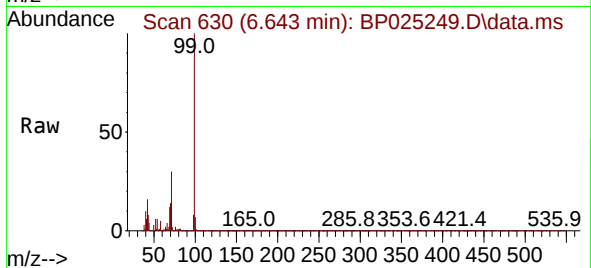




#7
Phenol-d6
Concen: 122.039 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025249.D
Acq: 28 Jul 2025 14:47

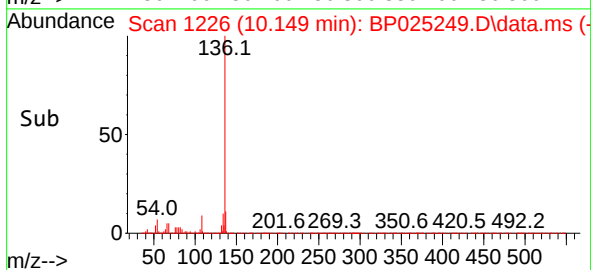
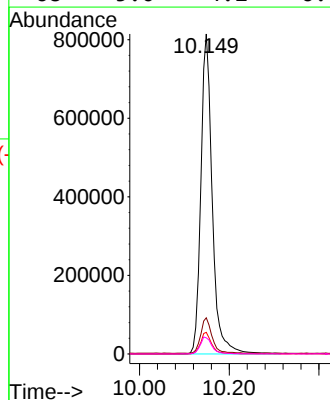
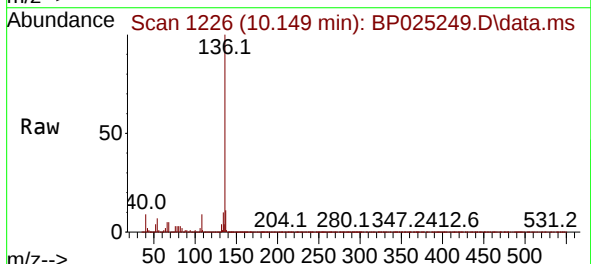
Instrument :
BNA_P
ClientSampleId :
PB169022BL

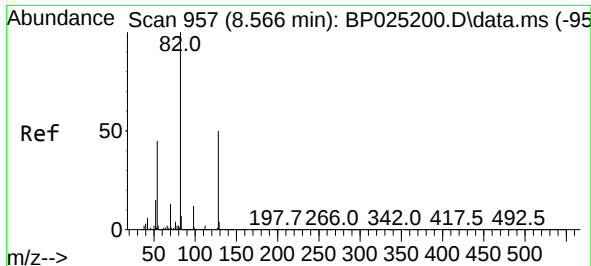
Tgt Ion: 99 Resp: 3388020
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 30.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.149 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP025249.D
Acq: 28 Jul 2025 14:47

Tgt Ion:136 Resp: 1431730
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.7 5.1 7.7
68 5.0 4.2 6.4



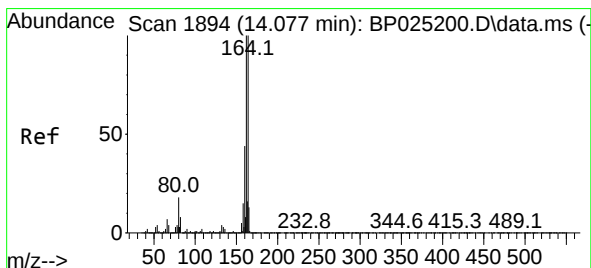
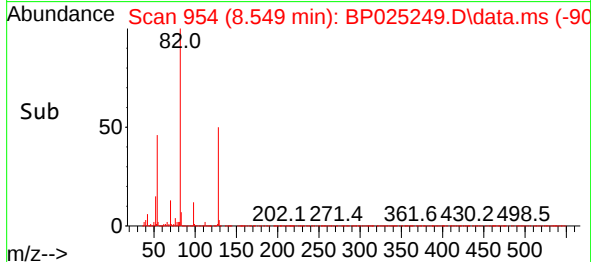
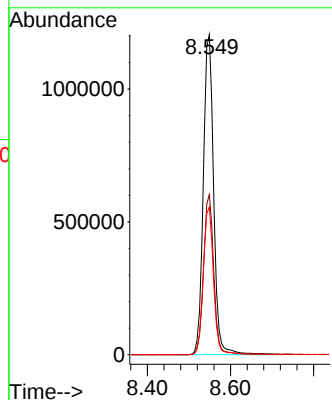
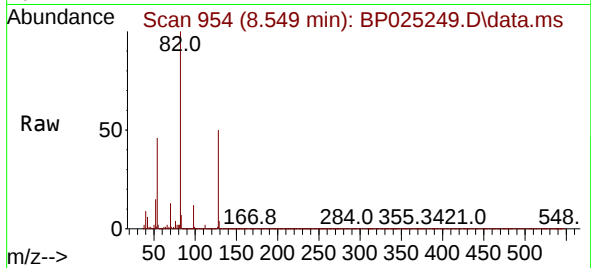


#23
 Nitrobenzene-d5
 Concen: 80.923 ng
 RT: 8.549 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP025249.D
 Acq: 28 Jul 2025 14:47

Instrument :
 BNA_P
 ClientSampleId :
 PB169022BL

Tgt Ion: 82 Resp: 2084825

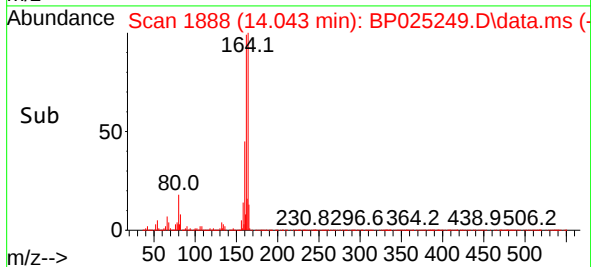
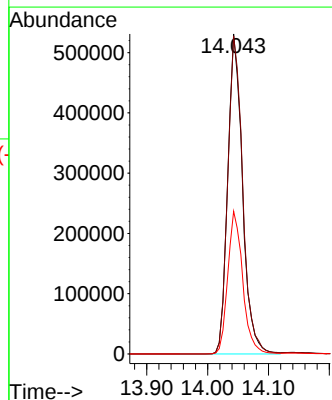
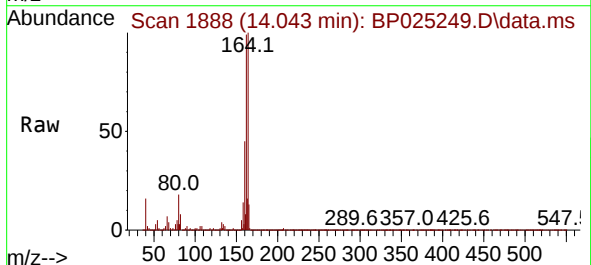
Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.2	60.4
54	46.1	36.3	54.5

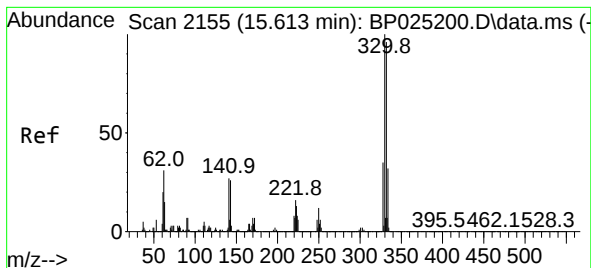


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.043 min Scan# 1888
 Delta R.T. 0.000 min
 Lab File: BP025249.D
 Acq: 28 Jul 2025 14:47

Tgt Ion: 164 Resp: 895001

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.3	120.5
160	44.6	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 121.531 ng

RT: 15.572 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP025249.D

Acq: 28 Jul 2025 14:47

Instrument :

BNA_P

ClientSampleId :

PB169022BL

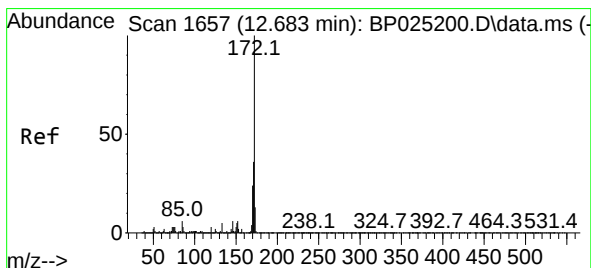
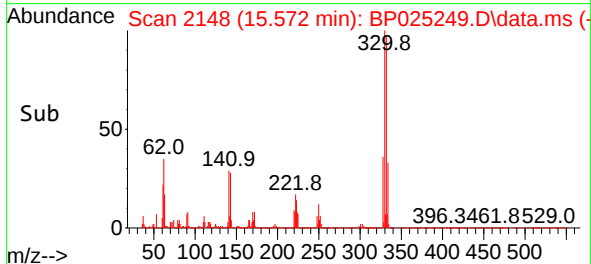
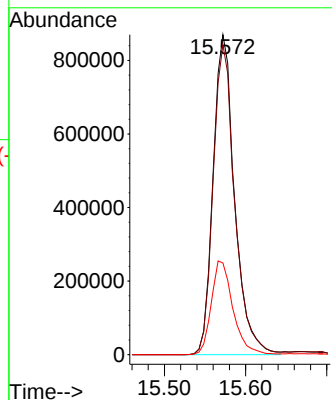
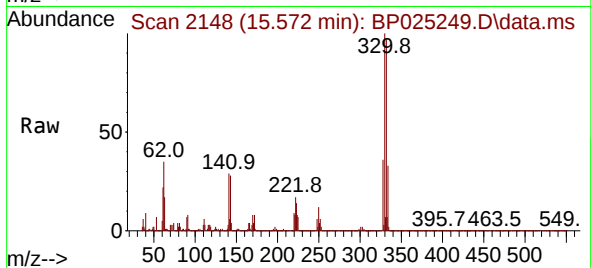
Tgt Ion:330 Resp: 1603519

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 29.5 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 83.220 ng

RT: 12.643 min Scan# 1650

Delta R.T. -0.012 min

Lab File: BP025249.D

Acq: 28 Jul 2025 14:47

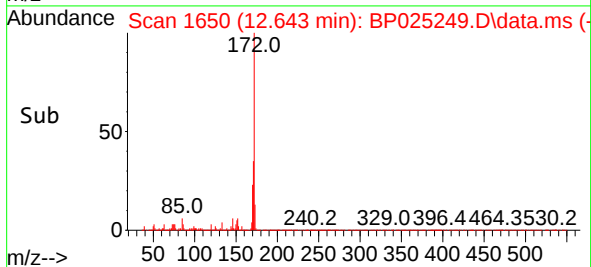
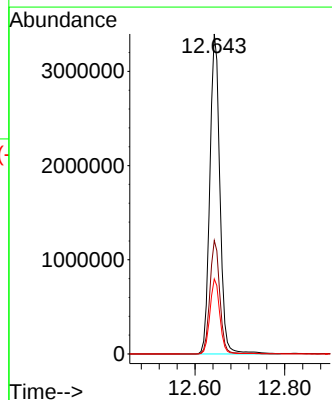
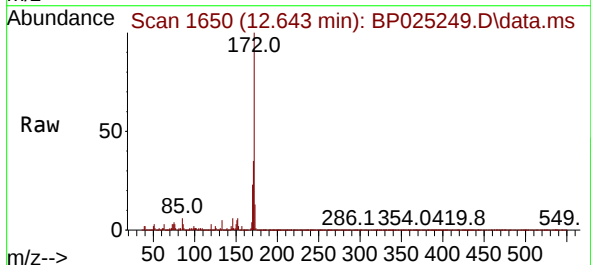
Tgt Ion:172 Resp: 5283090

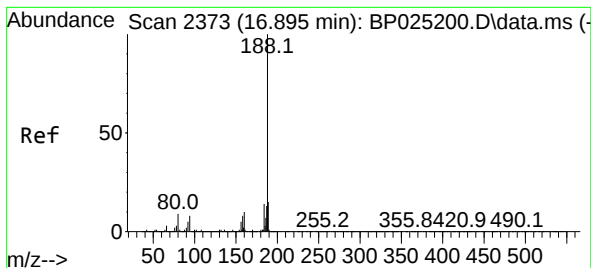
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.866 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP025249.D

Acq: 28 Jul 2025 14:47

Instrument :

BNA_P

ClientSampleId :

PB169022BL

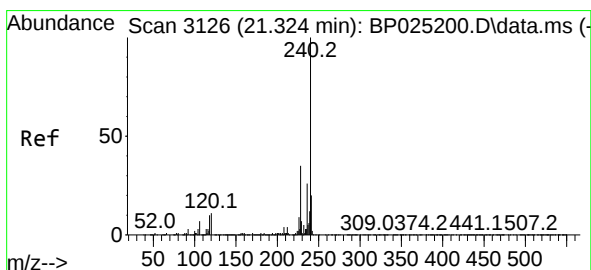
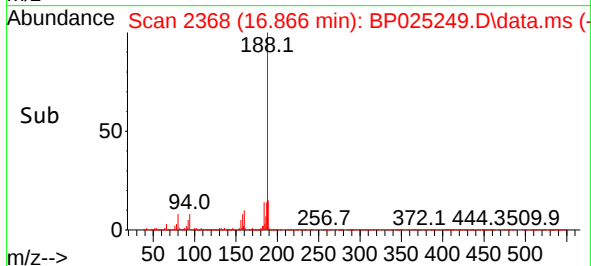
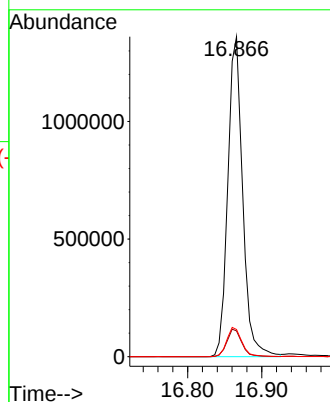
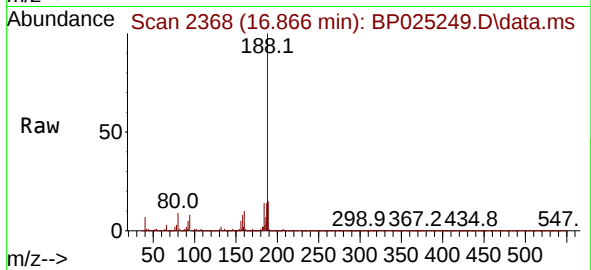
Tgt Ion:188 Resp: 1893039

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.260 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP025249.D

Acq: 28 Jul 2025 14:47

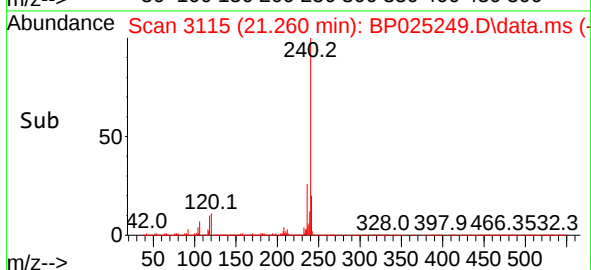
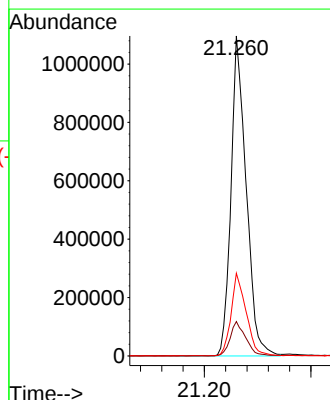
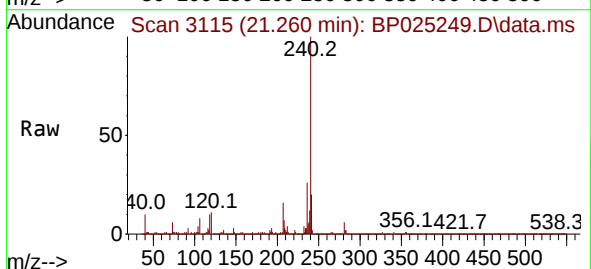
Tgt Ion:240 Resp: 2173039

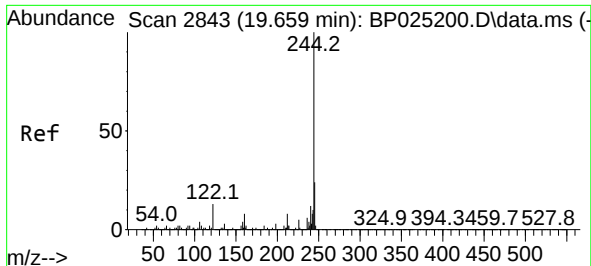
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 25.8 20.9 31.3

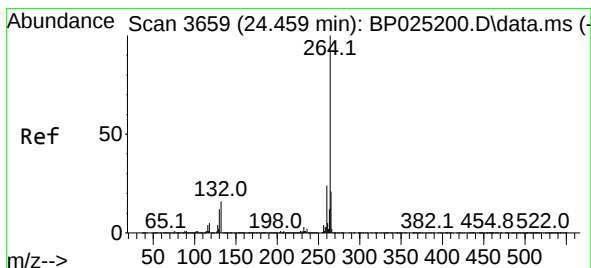
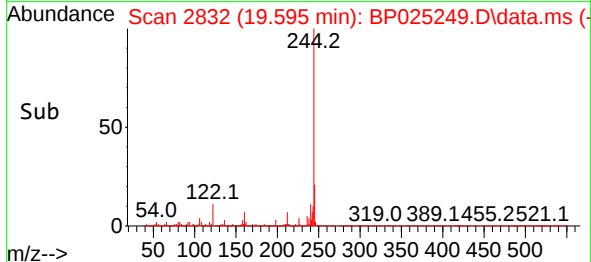
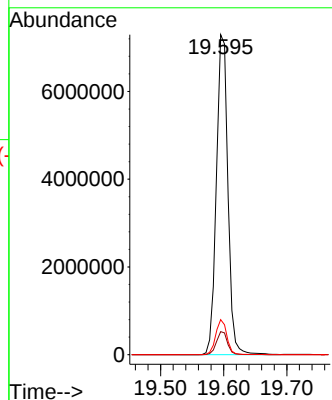
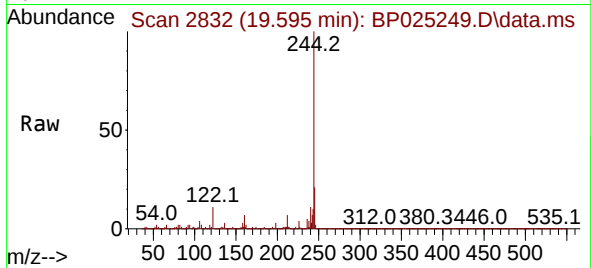




#79
 Terphenyl-d14
 Concen: 83.799 ng
 RT: 19.595 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP025249.D
 Acq: 28 Jul 2025 14:47

Instrument :
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 ClientSampleId :
 PB169022BL

Tgt Ion:244 Resp: 9224716
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 9.8
 122 10.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.319 min Scan# 3635
 Delta R.T. -0.012 min
 Lab File: BP025249.D
 Acq: 28 Jul 2025 14:47

Tgt Ion:264 Resp: 2632357
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.4 17.5 26.3

