

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
 Data File : BP025174.D
 Acq On : 17 Jul 2025 12:08
 Operator : CG/JU
 Sample : PB168902BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168902BL

Quant Time: Jul 17 12:49:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	548500	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2045503	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1233996	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2511770	20.000	ng	0.02
76) Chrysene-d12	21.354	240	2723941	20.000	ng	0.01
86) Perylene-d12	24.501	264	3237598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3948190	127.541	ng	0.01
7) Phenol-d6	6.643	99	4697304	116.277	ng	0.01
23) Nitrobenzene-d5	8.572	82	2851635	92.714	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2256514	154.793	ng	0.00
45) 2-Fluorobiphenyl	12.696	172	7071850	88.780	ng	0.00
79) Terphenyl-d14	19.683	244	10973672	88.540	ng	0.01

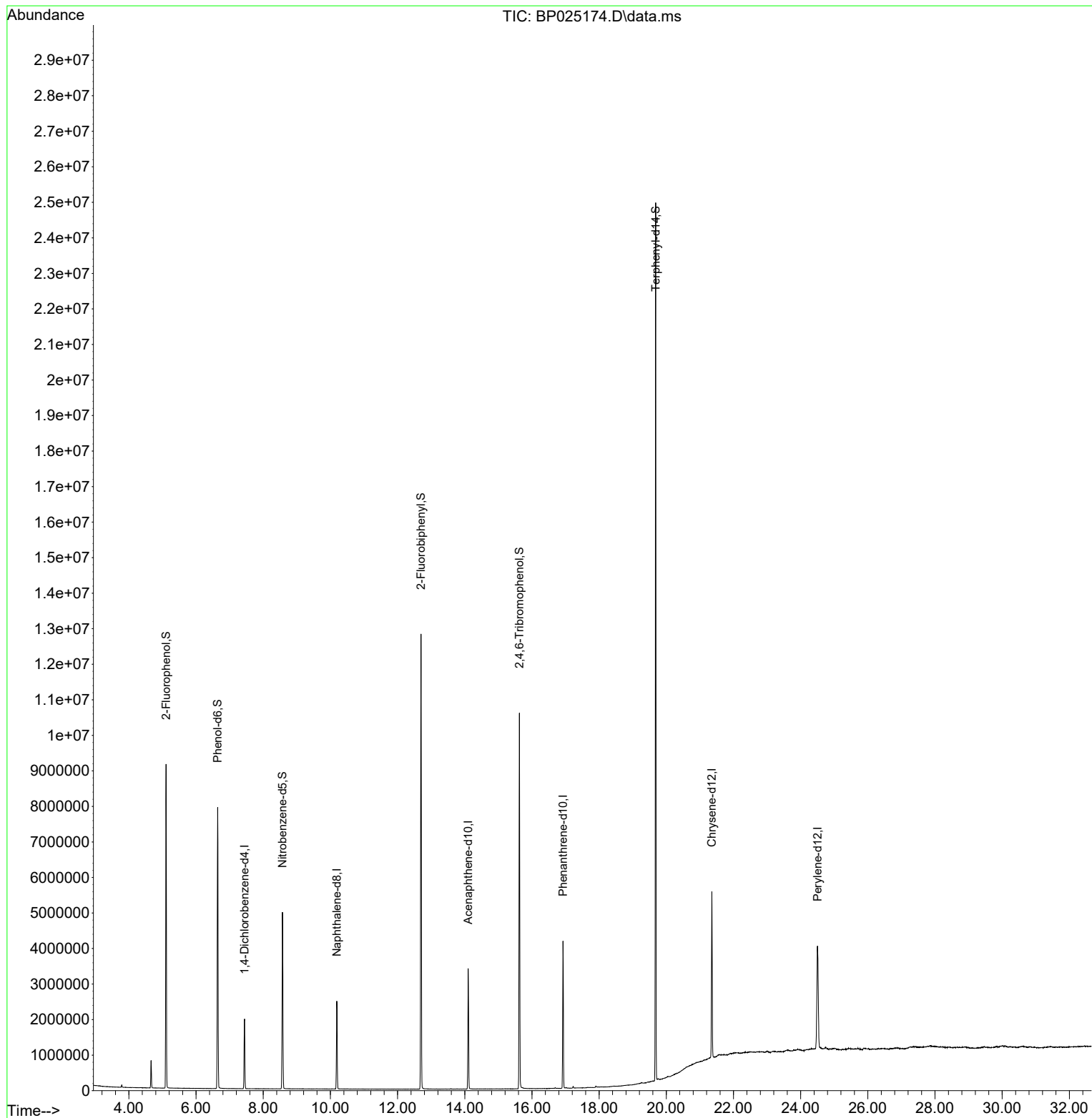
Target Compounds	Qvalue

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

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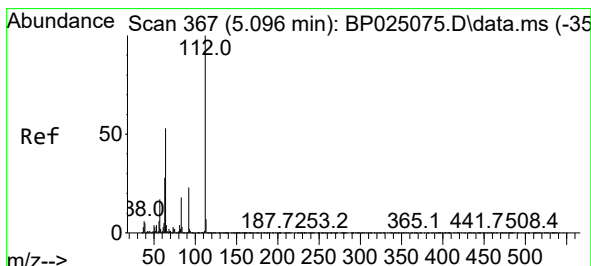
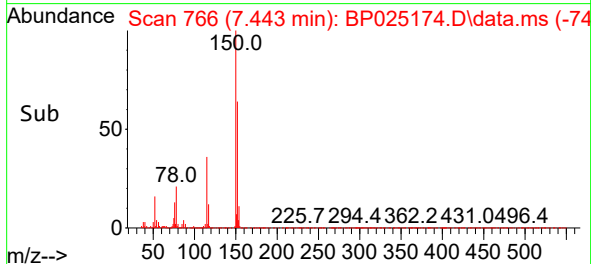
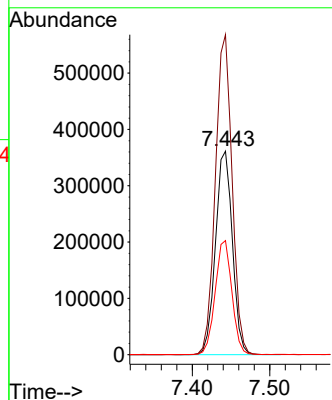
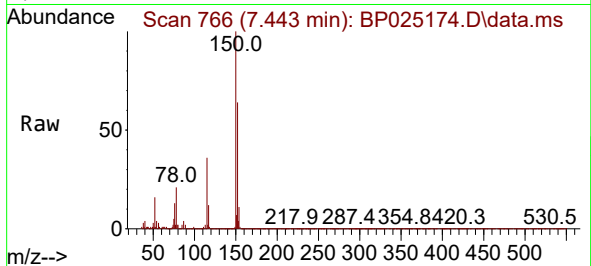




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

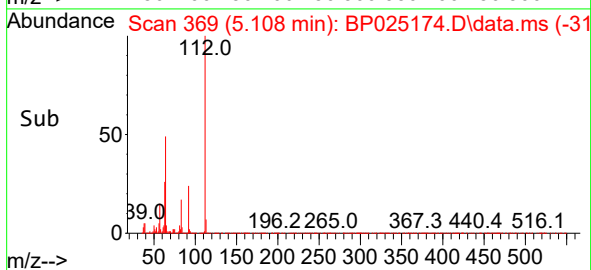
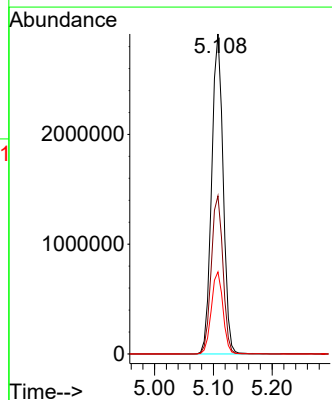
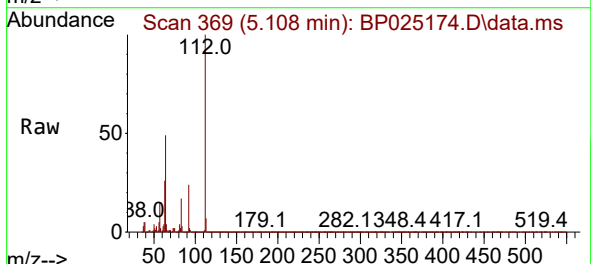
Instrument :
BNA_P
ClientSampleId :
PB168902BL

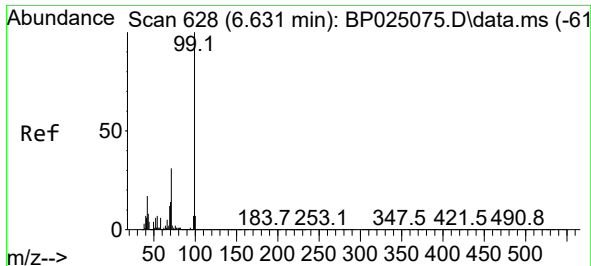
Tgt Ion:152 Resp: 548500
Ion Ratio Lower Upper
152 100
150 157.3 126.1 189.1
115 56.1 44.3 66.5



#5
2-Fluorophenol
Concen: 127.541 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:112 Resp: 3948190
Ion Ratio Lower Upper
112 100
64 49.4 42.0 63.0
63 25.7 22.2 33.2

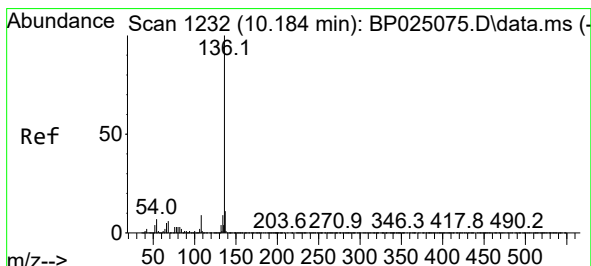
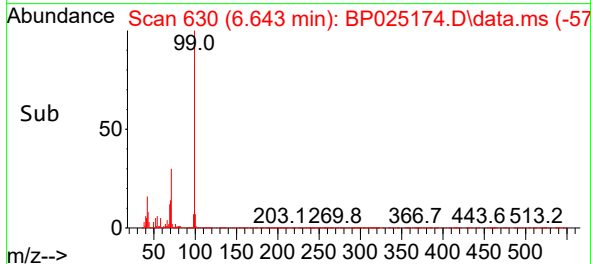
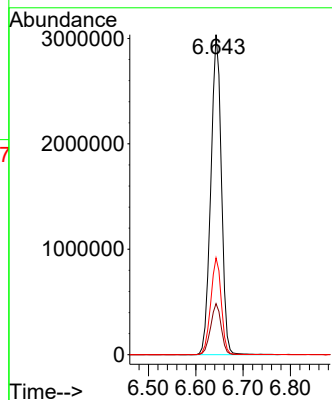
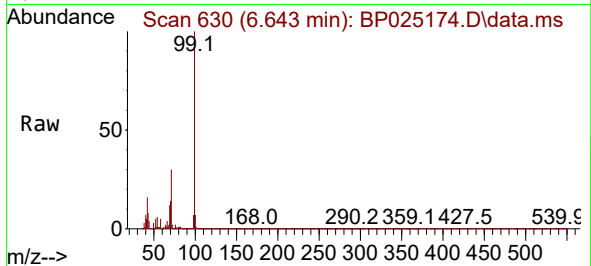




#7
Phenol-d6
Concen: 116.277 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

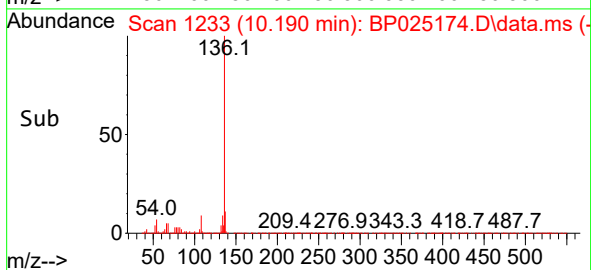
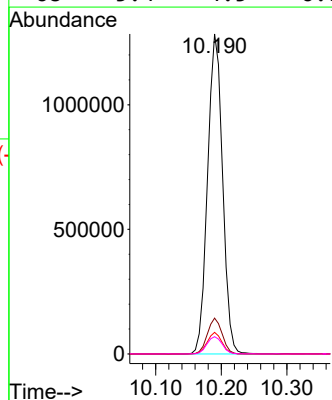
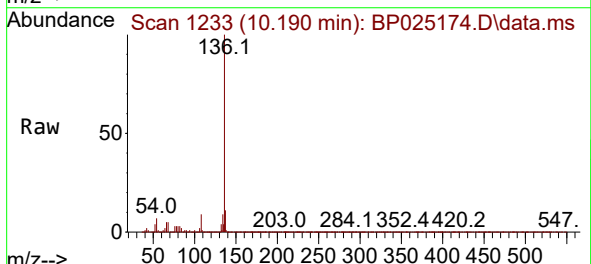
Instrument :
BNA_P
ClientSampleId :
PB168902BL

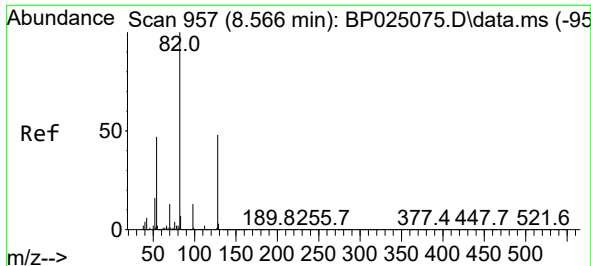
Tgt Ion: 99 Resp: 4697304
Ion Ratio Lower Upper
99 100
42 15.9 13.6 20.4
71 30.2 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion: 136 Resp: 2045503
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.8 5.4 8.2
68 5.4 4.5 6.7

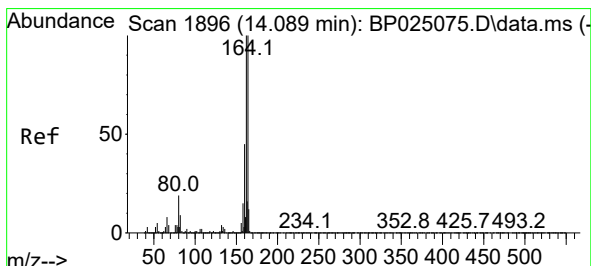
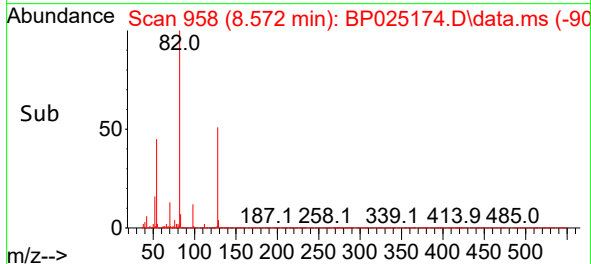
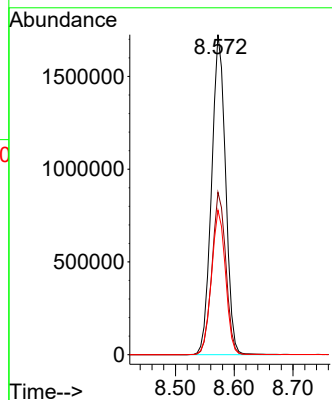
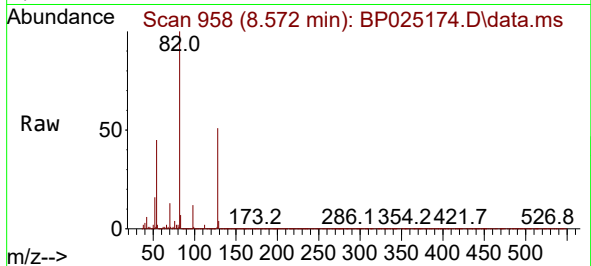




#23
Nitrobenzene-d5
Concen: 92.714 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

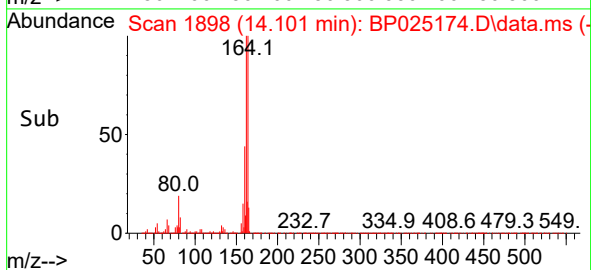
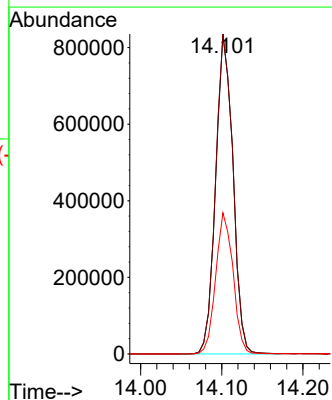
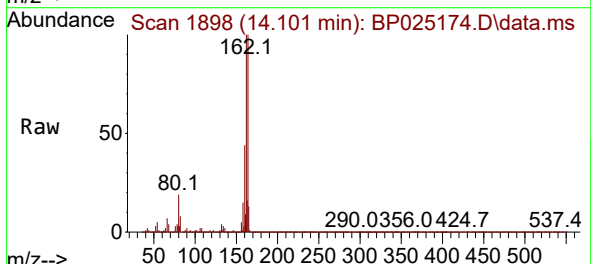
Instrument :
BNA_P
ClientSampleId :
PB168902BL

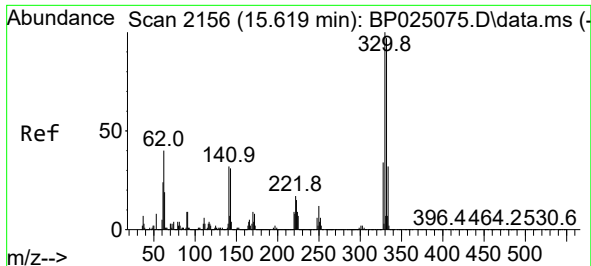
Tgt Ion: 82 Resp: 2851635
Ion Ratio Lower Upper
82 100
128 50.8 38.4 57.6
54 45.2 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:164 Resp: 1233996
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 44.2 35.9 53.9

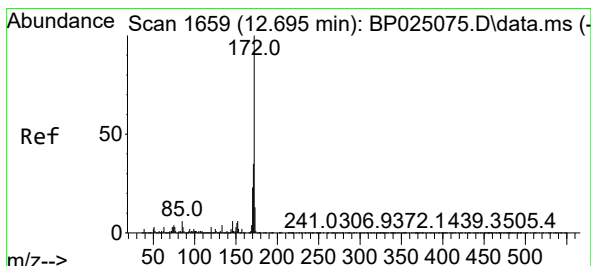
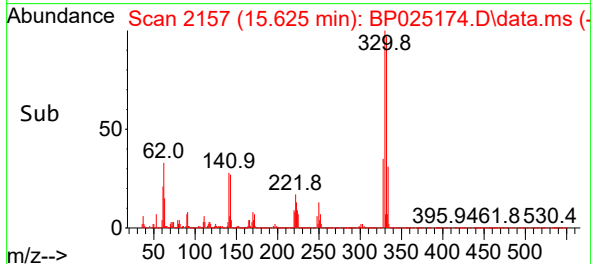
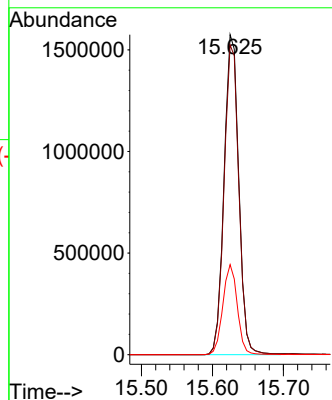
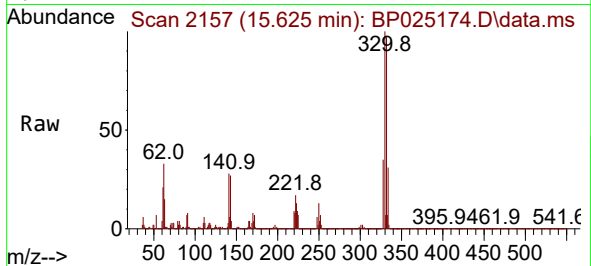




#42
2,4,6-Tribromophenol
Concen: 154.793 ng
RT: 15.625 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

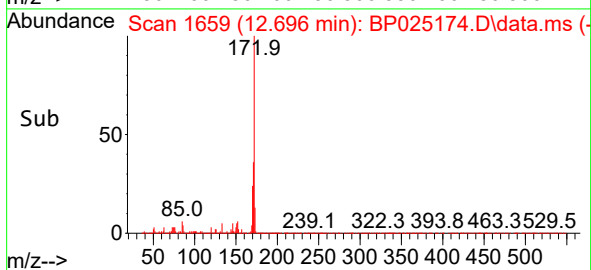
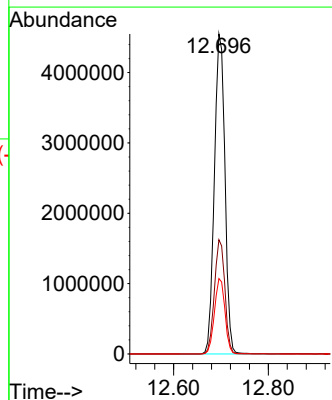
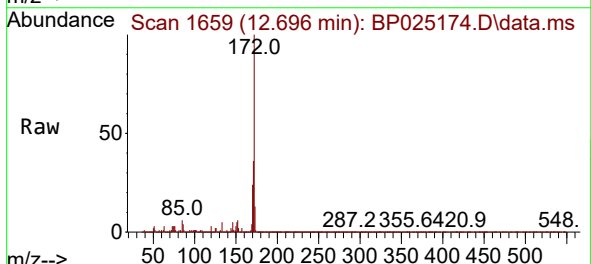
Instrument :
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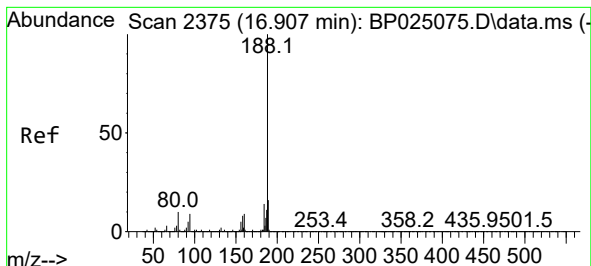
Tgt Ion:330 Resp: 2256514
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 27.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 88.780 ng
RT: 12.696 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025174.D
Acq: 17 Jul 2025 12:08

Tgt Ion:172 Resp: 7071850
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.925 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

Instrument :

BNA_P

ClientSampleId :

PB168902BL

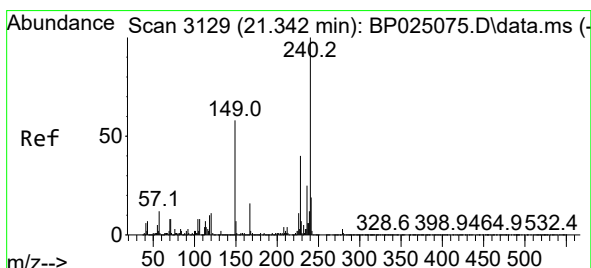
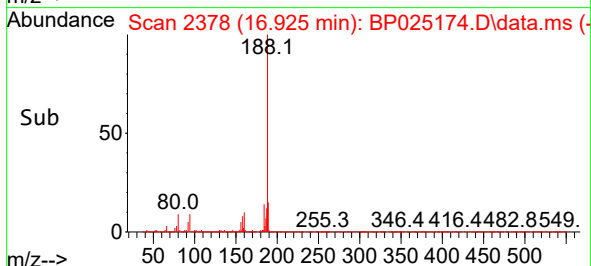
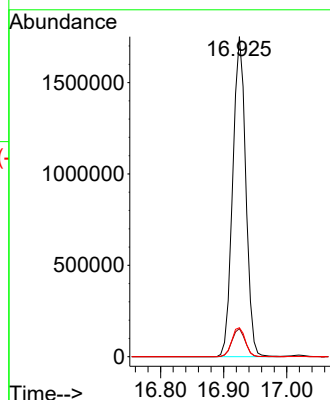
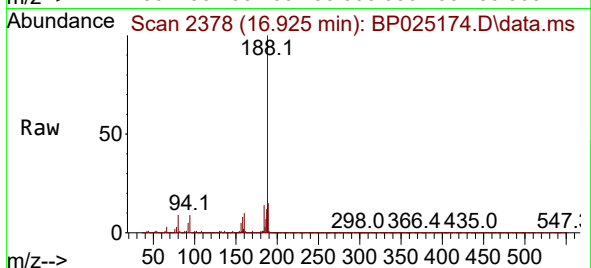
Tgt Ion:188 Resp: 2511770

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

80 9.0 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.354 min Scan# 3131

Delta R.T. 0.012 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

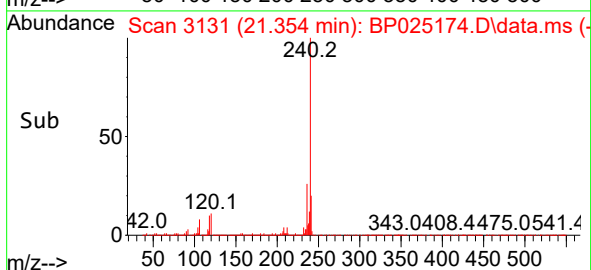
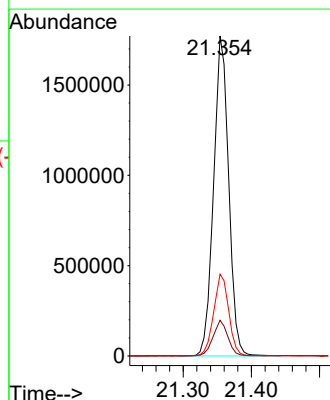
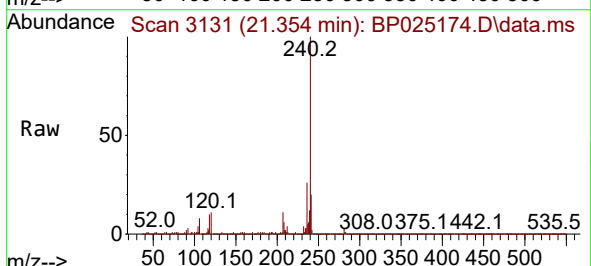
Tgt Ion:240 Resp: 2723941

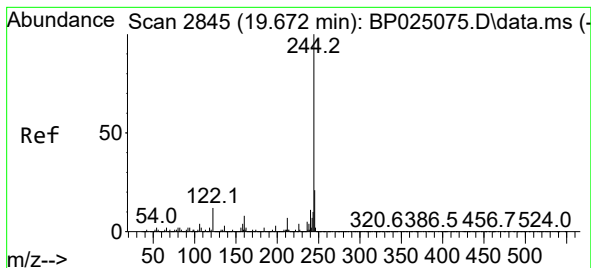
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 88.540 ng

RT: 19.683 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

Instrument :

BNA_P

ClientSampleId :

PB168902BL

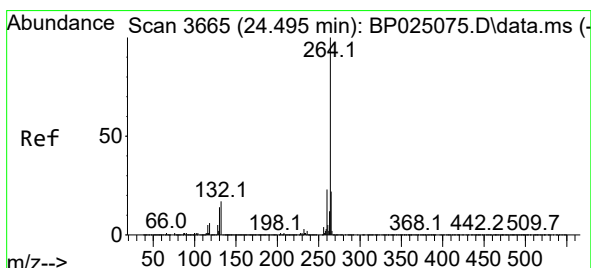
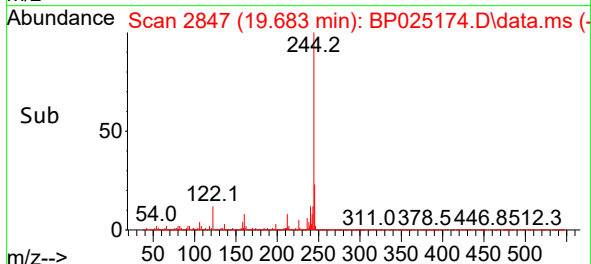
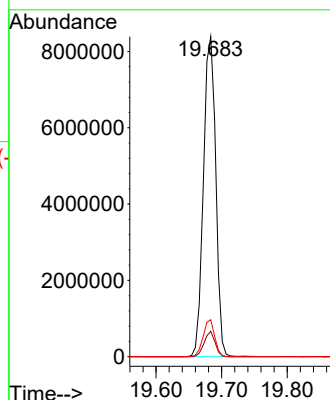
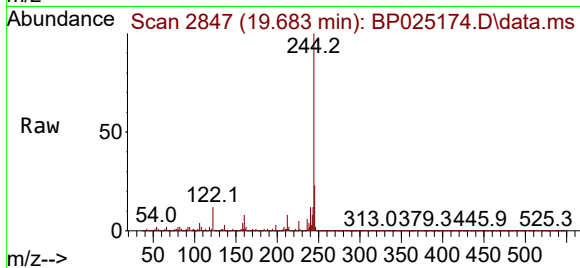
Tgt Ion:244 Resp:10973672

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 11.6 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.501 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP025174.D

Acq: 17 Jul 2025 12:08

Tgt Ion:264 Resp: 3237598

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.3 17.7 26.5

