

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025265.D
 Acq On : 29 Jul 2025 17:21
 Operator : CG/JU
 Sample : PB168986TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168986TB

Quant Time: Jul 29 17:42:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	358085	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1361237	20.000	ng	0.00
39) Acenaphthene-d10	14.043	164	833557	20.000	ng	0.00
64) Phenanthrene-d10	16.860	188	1780545	20.000	ng	-0.02
76) Chrysene-d12	21.301	240	2040553	20.000	ng	0.00
86) Perylene-d12	24.419	264	2402928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2796411	131.950	ng	0.00
7) Phenol-d6	6.655	99	3298875	125.679	ng	0.00
23) Nitrobenzene-d5	8.537	82	1986596	81.104	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1531044	124.592	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	5075829	85.849	ng	0.00
79) Terphenyl-d14	19.636	244	8903490	86.132	ng	0.00

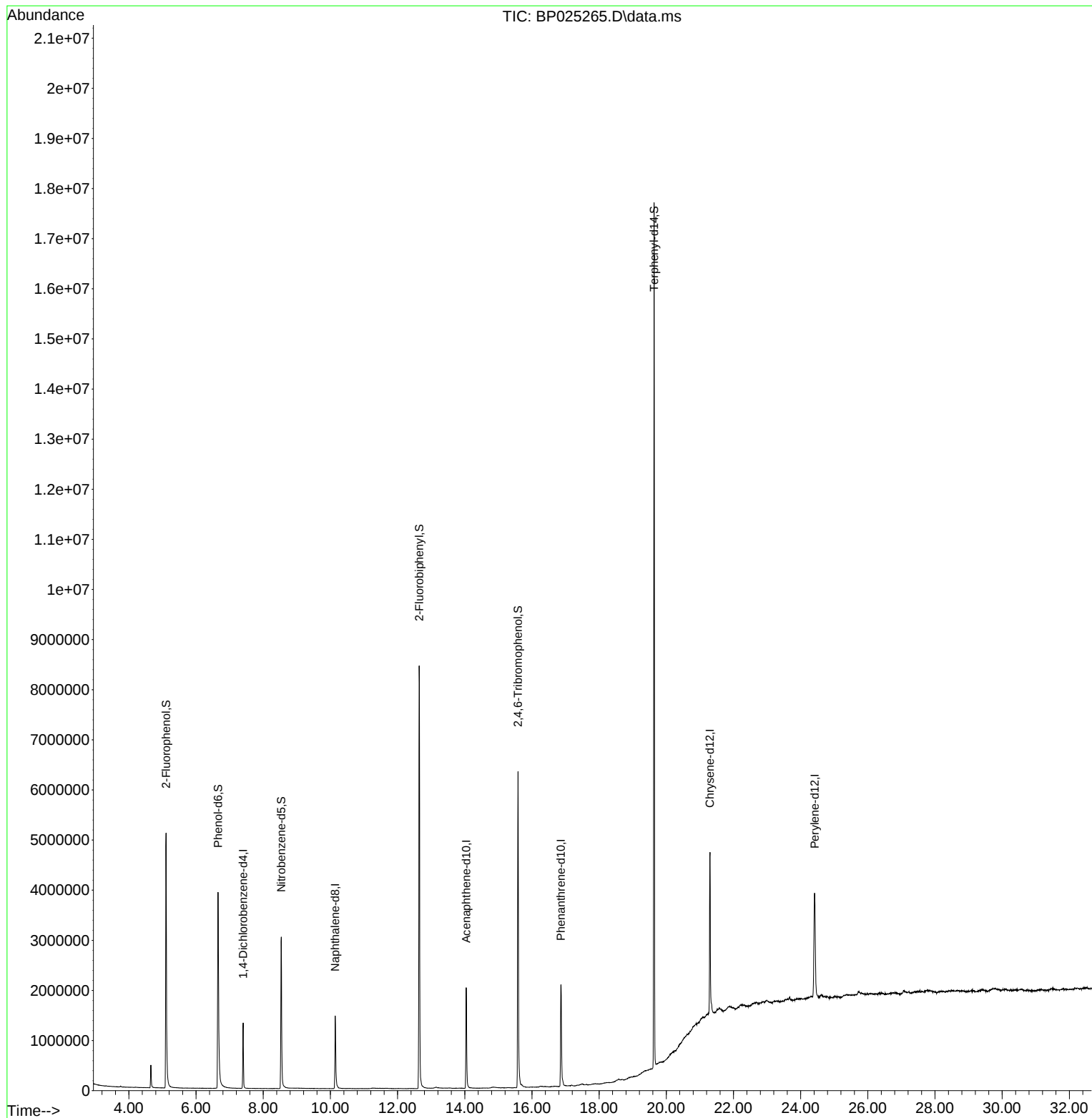
Target Compounds	Qvalue

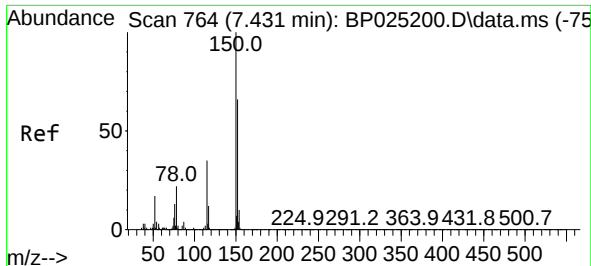
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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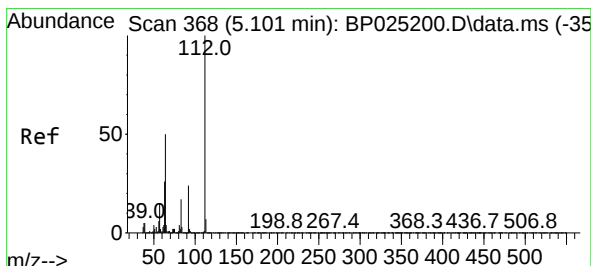
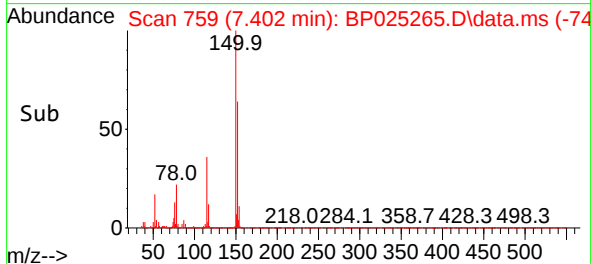
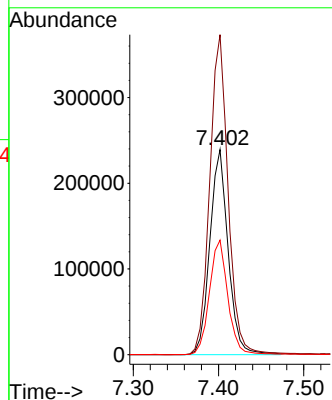
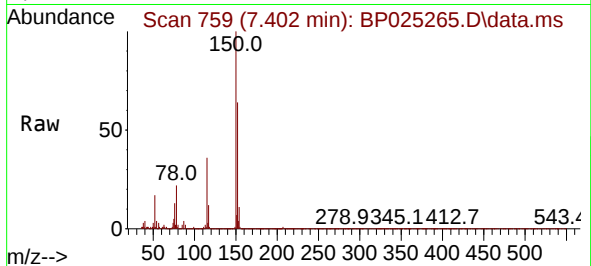




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.402 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

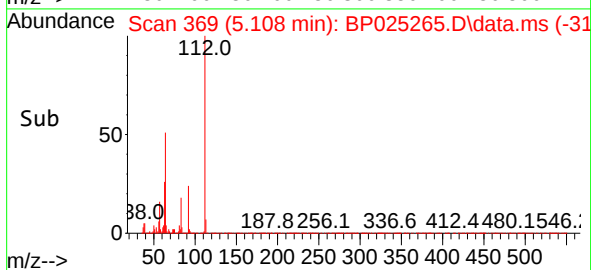
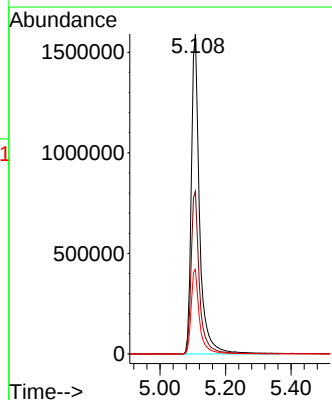
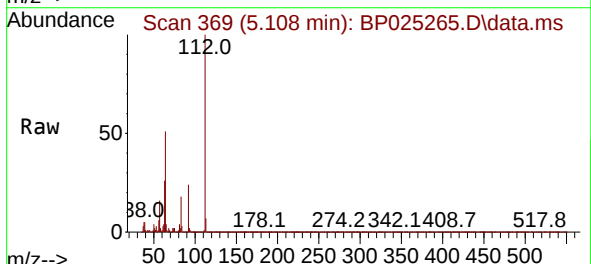
Instrument :
BNA_P
ClientSampleId :
PB168986TB

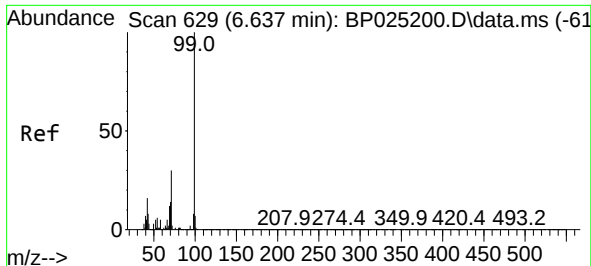
Tgt Ion:152 Resp: 358085
Ion Ratio Lower Upper
152 100
150 156.0 121.9 182.9
115 55.8 43.0 64.6



#5
2-Fluorophenol
Concen: 131.950 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.000 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

Tgt Ion:112 Resp: 2796411
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.6
63 26.5 20.5 30.7

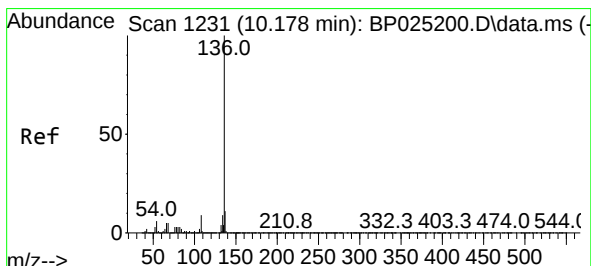
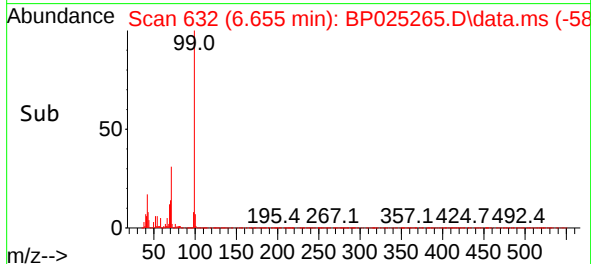
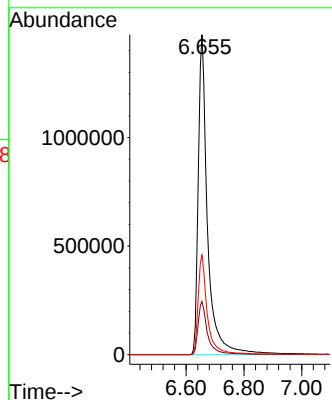
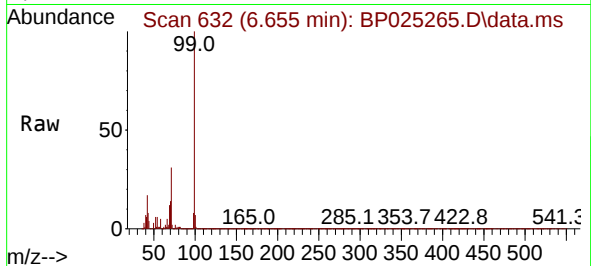




#7
Phenol-d6
Concen: 125.679 ng
RT: 6.655 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

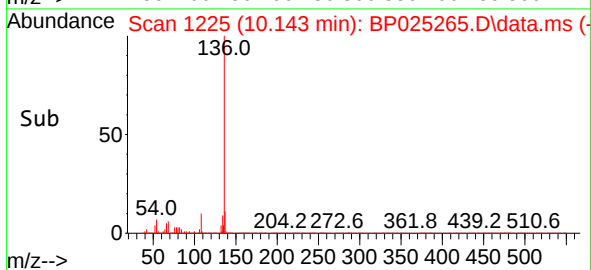
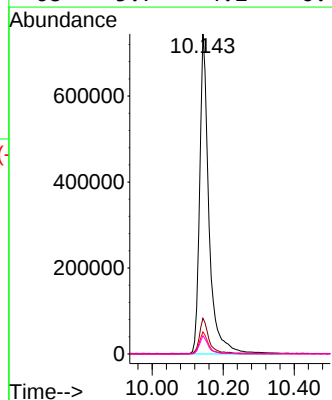
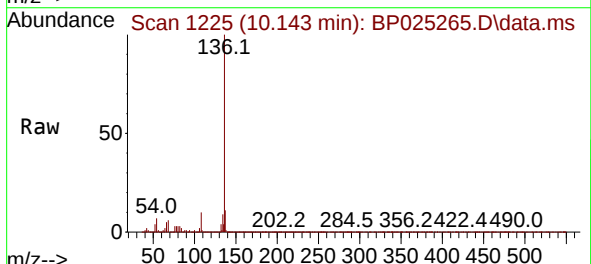
Instrument :
BNA_P
ClientSampleId :
PB168986TB

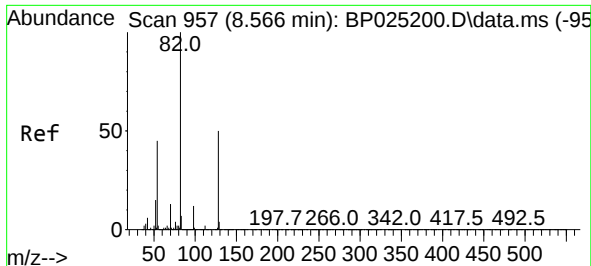
Tgt Ion: 99 Resp: 3298875
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

Tgt Ion:136 Resp: 1361237
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.9 5.1 7.7
68 5.7 4.2 6.4

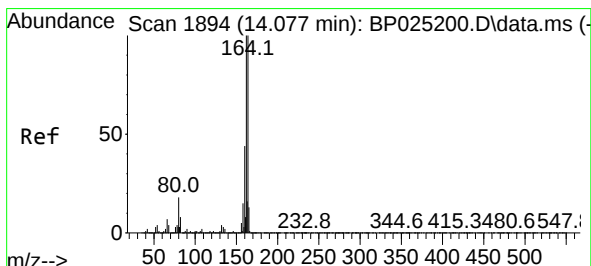
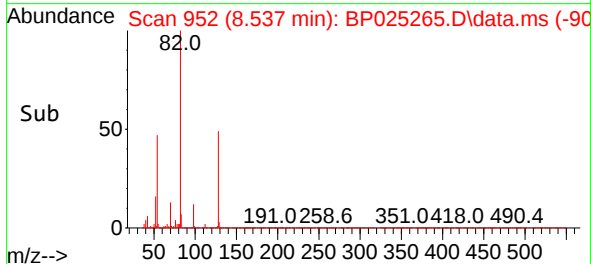
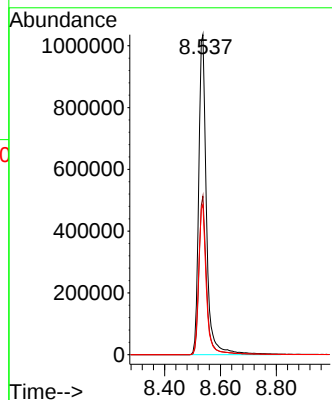
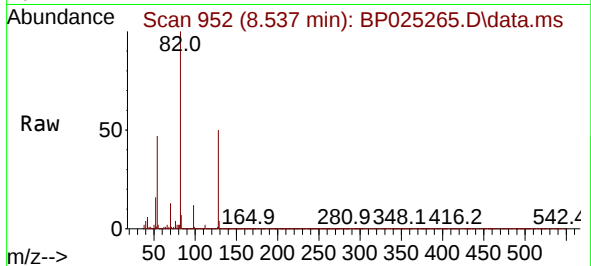




#23
Nitrobenzene-d5
Concen: 81.104 ng
RT: 8.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

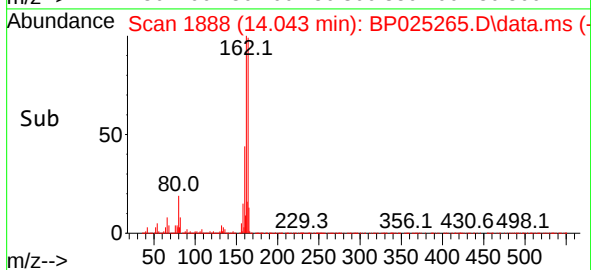
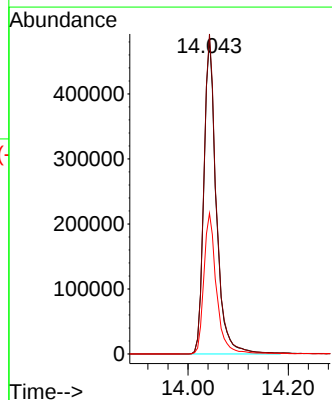
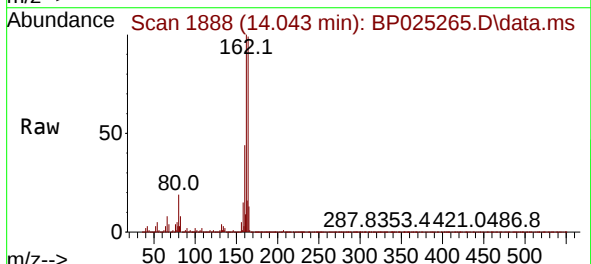
Instrument :
BNA_P
ClientSampleId :
PB168986TB

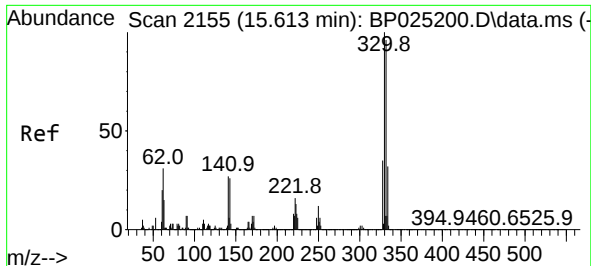
Tgt Ion: 82 Resp: 1986596
Ion Ratio Lower Upper
82 100
128 49.5 40.2 60.4
54 46.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.043 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

Tgt Ion: 164 Resp: 833557
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 44.6 35.7 53.5

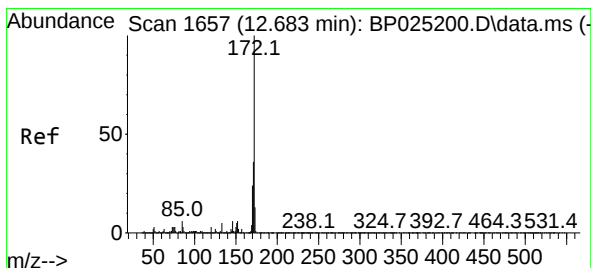
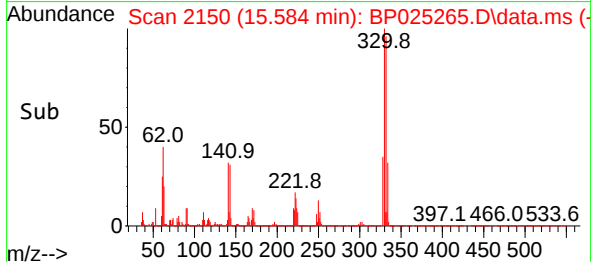
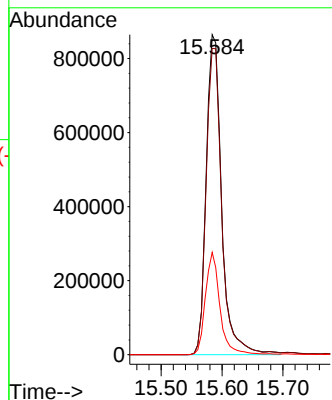
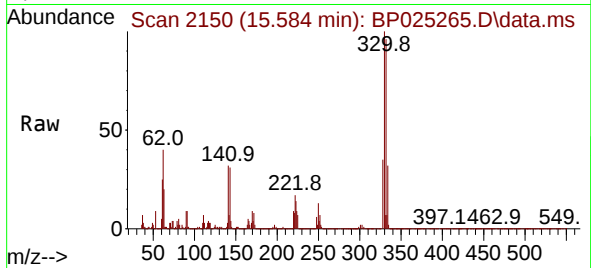




#42
2,4,6-Tribromophenol
Concen: 124.592 ng
RT: 15.584 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

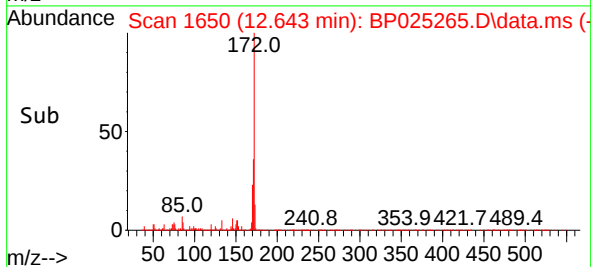
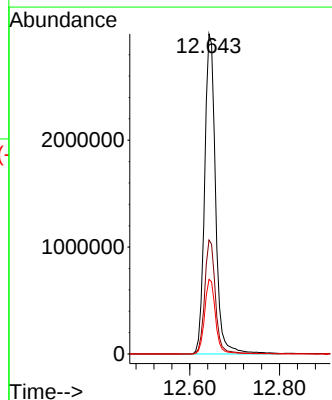
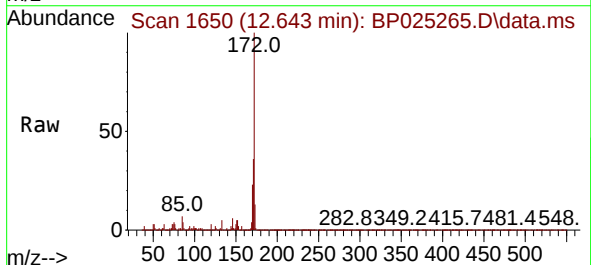
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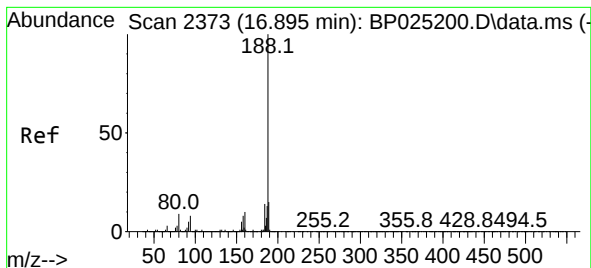
Tgt Ion: 330 Resp: 1531044
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.2 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 85.849 ng
RT: 12.643 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP025265.D
Acq: 29 Jul 2025 17:21

Tgt Ion: 172 Resp: 5075829
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.3 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.860 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP025265.D

Acq: 29 Jul 2025 17:21

Instrument :

BNA_P

ClientSampleId :

PB168986TB

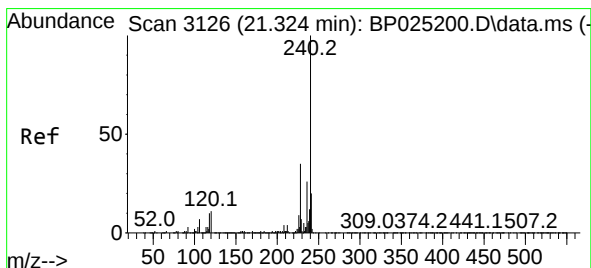
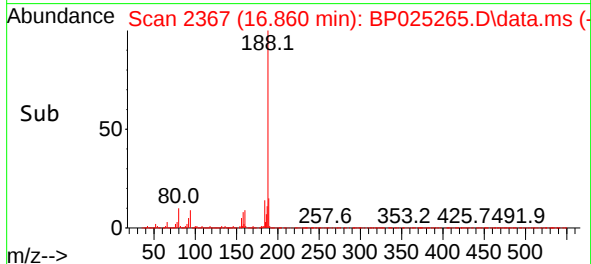
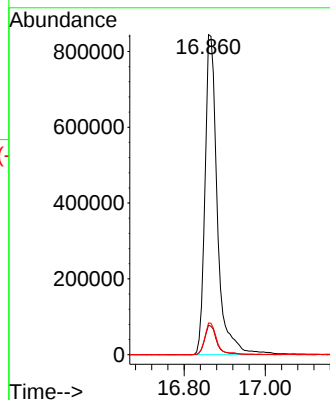
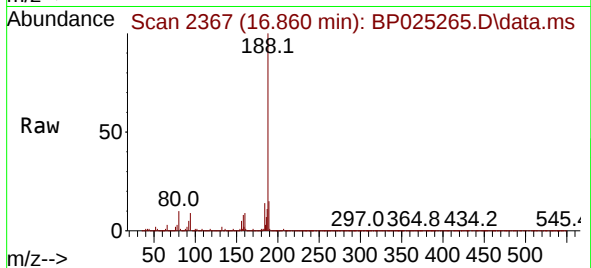
Tgt Ion:188 Resp: 1780545

Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 9.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.301 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BP025265.D

Acq: 29 Jul 2025 17:21

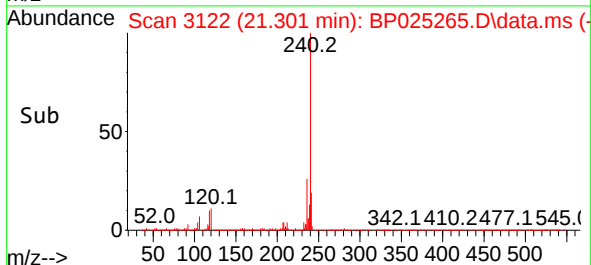
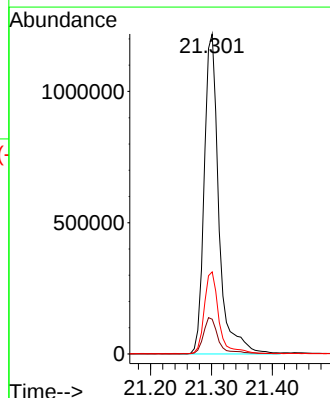
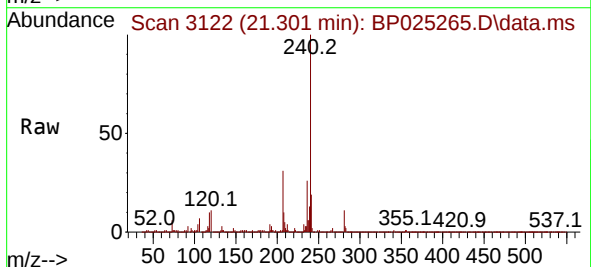
Tgt Ion:240 Resp: 2040553

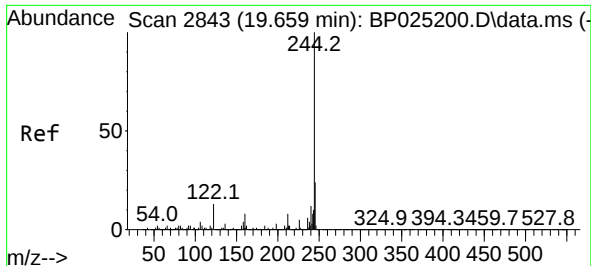
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 25.6 20.9 31.3

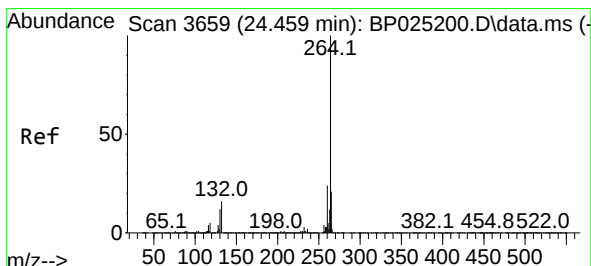
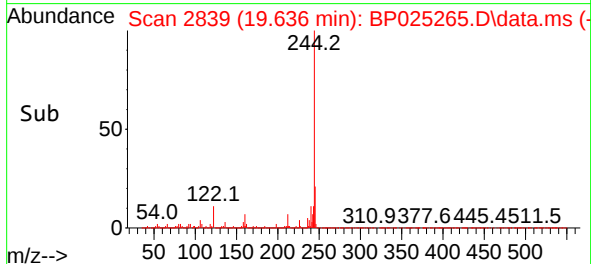
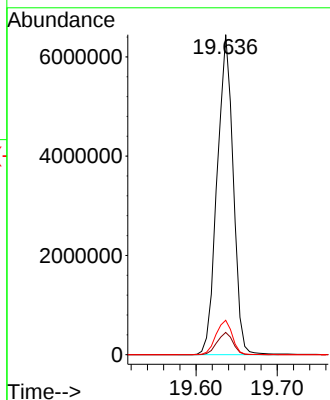
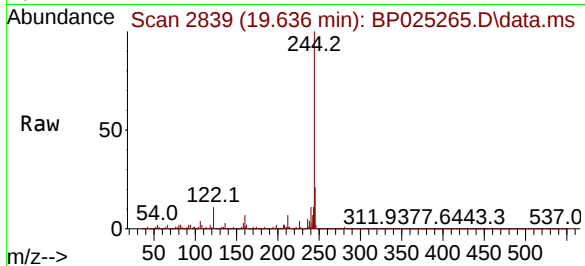




#79
 Terphenyl-d14
 Concen: 86.132 ng
 RT: 19.636 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025265.D
 Acq: 29 Jul 2025 17:21

Instrument :
 BNA_P
 ClientSampleId :
 PB168986TB

Tgt Ion:244 Resp: 8903490
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 9.8
 122 10.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.419 min Scan# 3652
 Delta R.T. 0.006 min
 Lab File: BP025265.D
 Acq: 29 Jul 2025 17:21

Tgt Ion:264 Resp: 2402928
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 23.0 17.5 26.3

