

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
 Data File : BP025224.D
 Acq On : 23 Jul 2025 14:51
 Operator : CG/JU
 Sample : Q2638-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-34-071725RE

Quant Time: Jul 23 15:09:37 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 22 02:55:21 2025
 Response via : Initial Calibration

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

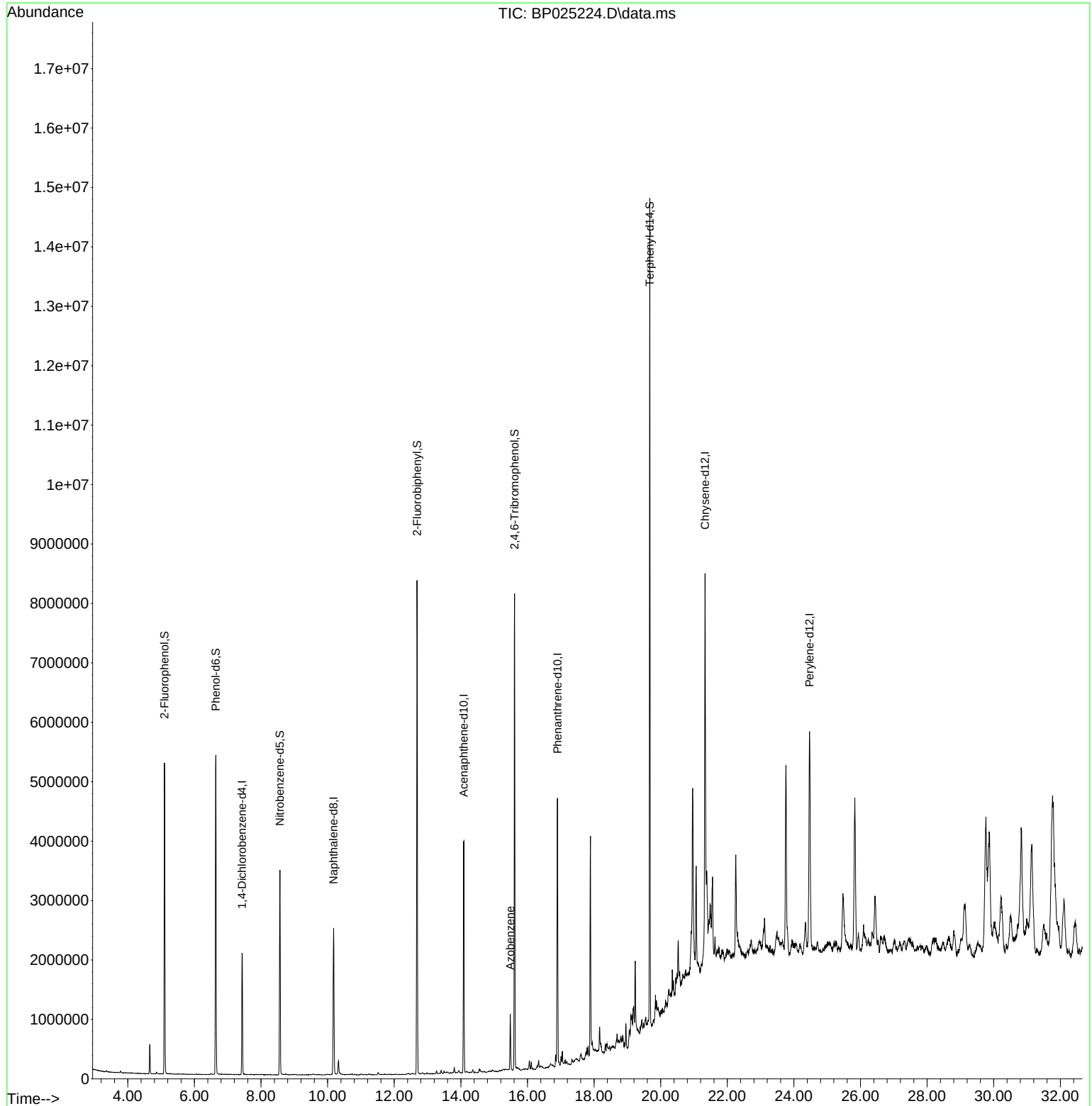
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	576138	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2320794	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1475075	20.000	ng	0.01
64) Phenanthrene-d10	16.901	188	2906792	20.000	ng	0.00
76) Chrysene-d12	21.330	240	3195945	20.000	ng	0.00
86) Perylene-d12	24.471	264	3770051	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2386903	70.001	ng	0.00
7) Phenol-d6	6.643	99	3064655	72.567	ng	0.00
23) Nitrobenzene-d5	8.566	82	1887932	45.208	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1554308	71.476	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	4493416	42.946	ng	0.00
79) Terphenyl-d14	19.672	244	6329276	39.094	ng	0.01
Target Compounds						
63) Azobenzene	15.484	77	266683	3.147	ng	Qvalue # 1

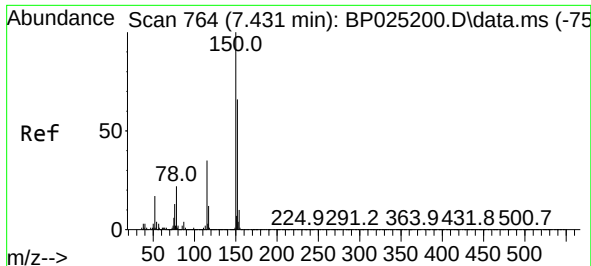
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025224.D
Acq On : 23 Jul 2025 14:51
Operator : CG/JU
Sample : Q2638-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-TS-34-071725RE

Quant Time: Jul 23 15:09:37 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 22 02:55:21 2025
Response via : Initial Calibration

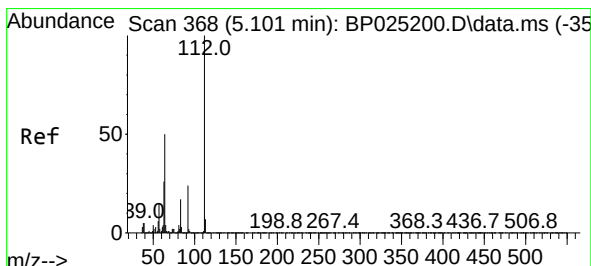
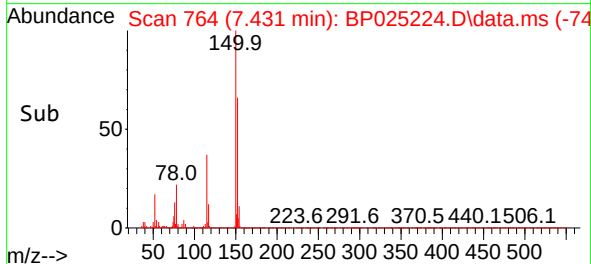
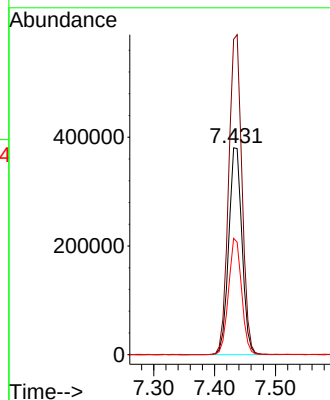
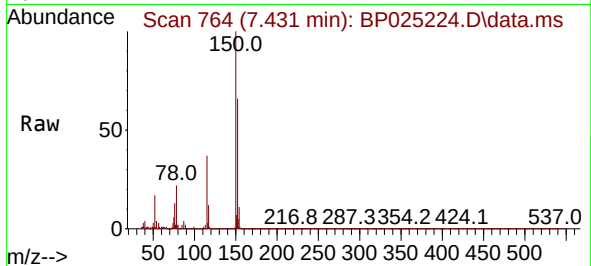




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 764
 Delta R.T. 0.000 min
 Lab File: BP025224.D
 Acq: 23 Jul 2025 14:51

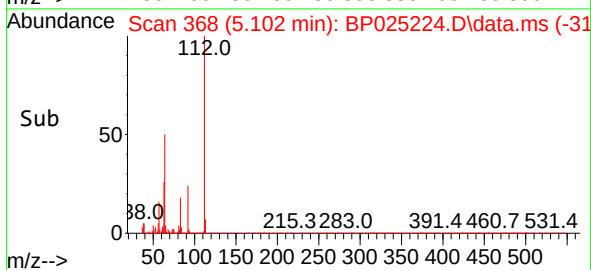
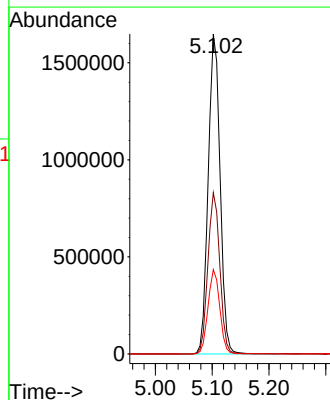
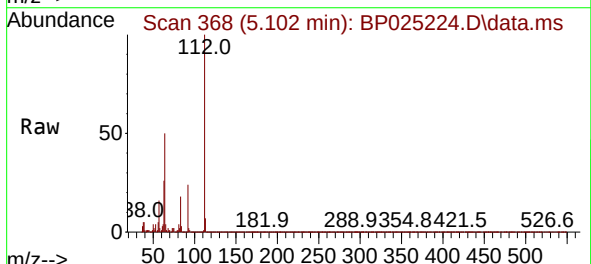
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-34-071725RE

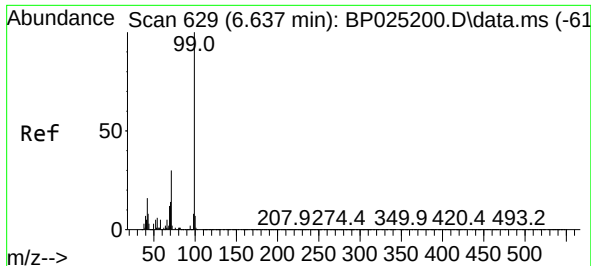
Tgt Ion:152 Resp: 576138
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.9 182.9
 115 56.2 43.0 64.6



#5
 2-Fluorophenol
 Concen: 70.001 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.001 min
 Lab File: BP025224.D
 Acq: 23 Jul 2025 14:51

Tgt Ion:112 Resp: 2386903
 Ion Ratio Lower Upper
 112 100
 64 50.4 39.8 59.6
 63 26.3 20.5 30.7

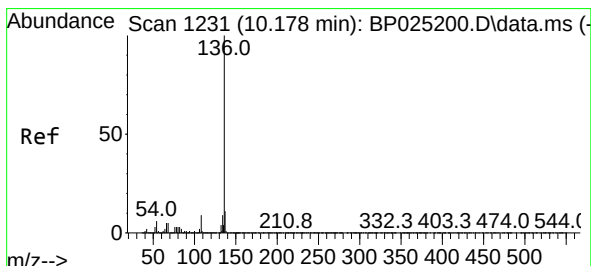
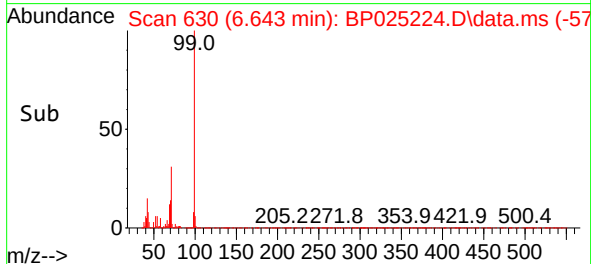
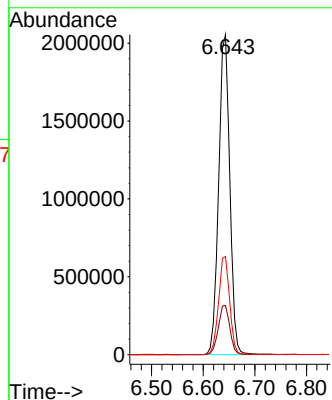
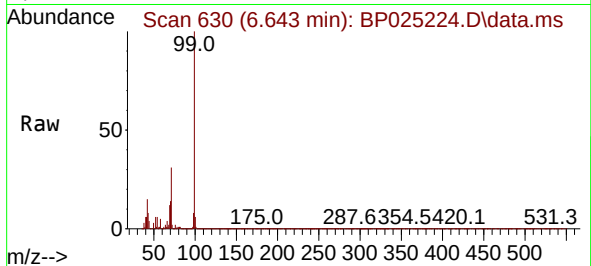




#7
Phenol-d6
Concen: 72.567 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

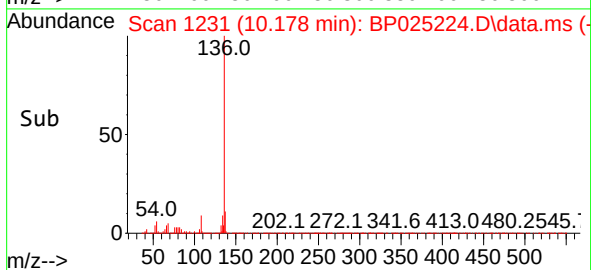
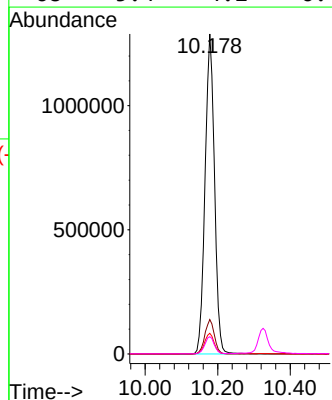
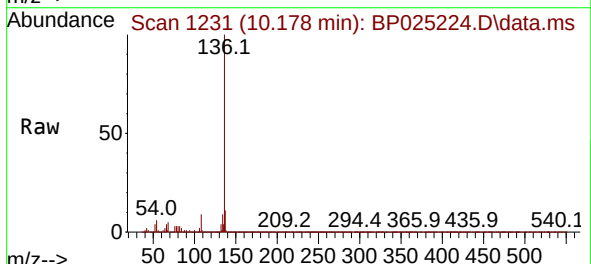
Instrument :
BNA_P
ClientSampleId :
OU4-TS-34-071725RE

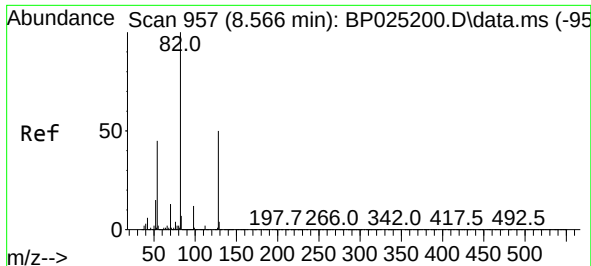
Tgt Ion: 99 Resp: 3064655
Ion Ratio Lower Upper
99 100
42 15.4 12.5 18.7
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.001 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

Tgt Ion: 136 Resp: 2320794
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.1 7.7
68 5.4 4.2 6.4

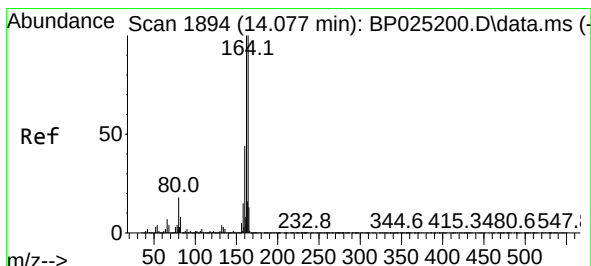
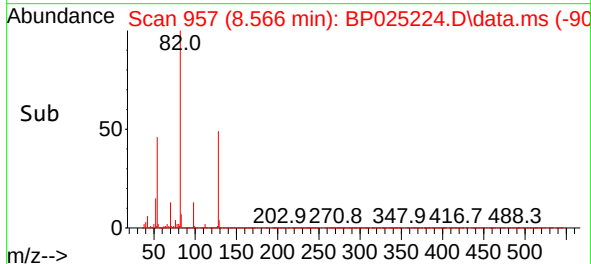
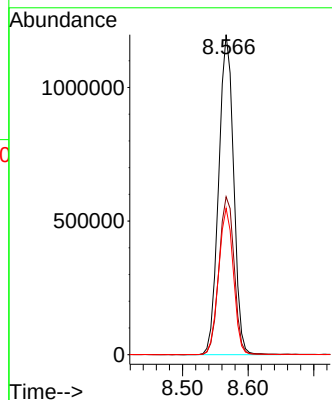
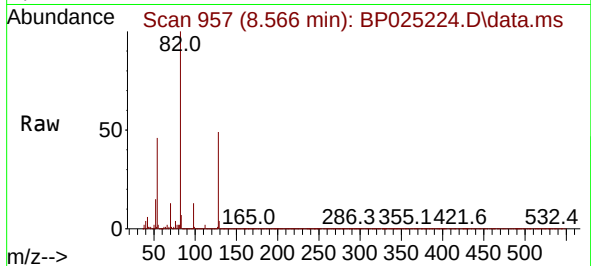




#23
Nitrobenzene-d5
Concen: 45.208 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.001 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

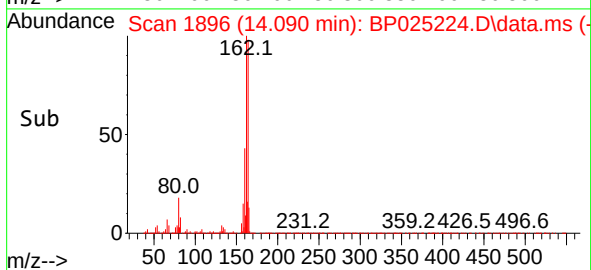
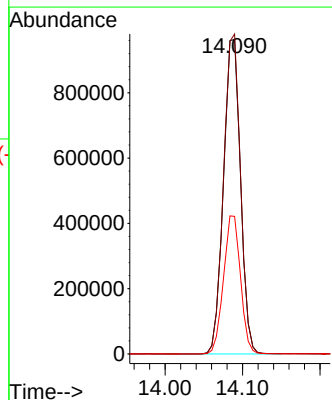
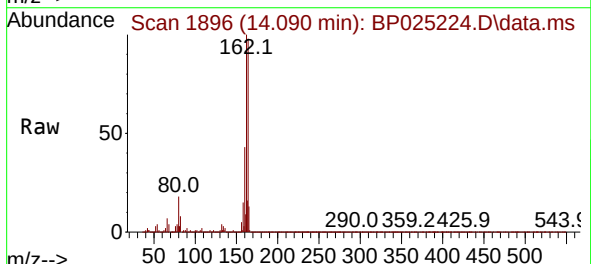
Instrument :
BNA_P
ClientSampleId :
OU4-TS-34-071725RE

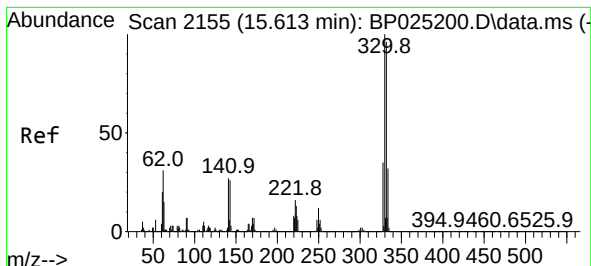
Tgt Ion: 82 Resp: 1887932
Ion Ratio Lower Upper
82 100
128 49.3 40.2 60.4
54 45.7 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1896
Delta R.T. 0.012 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

Tgt Ion:164 Resp: 1475075
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 43.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 71.476 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.001 min

Lab File: BP025224.D

Acq: 23 Jul 2025 14:51

Instrument :

BNA_P

ClientSampleId :

OU4-TS-34-071725RE

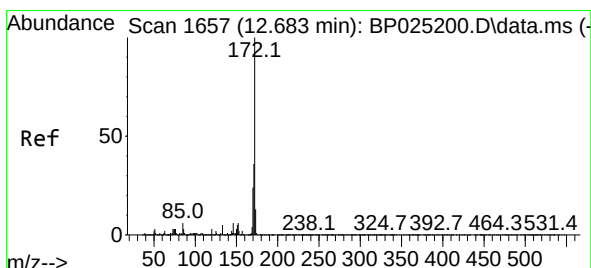
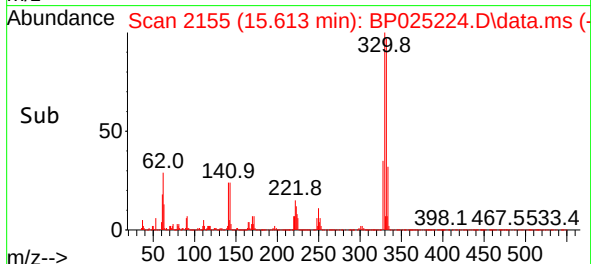
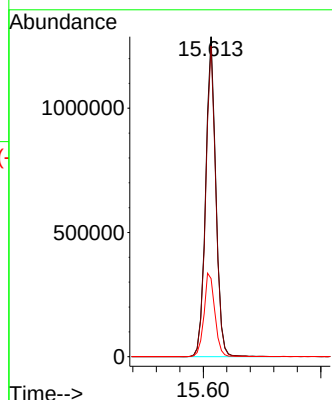
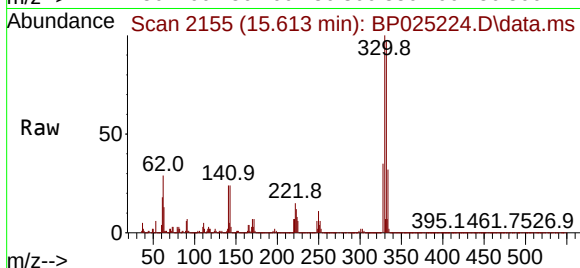
Tgt Ion:330 Resp: 1554308

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 27.7 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 42.946 ng

RT: 12.684 min Scan# 1657

Delta R.T. 0.001 min

Lab File: BP025224.D

Acq: 23 Jul 2025 14:51

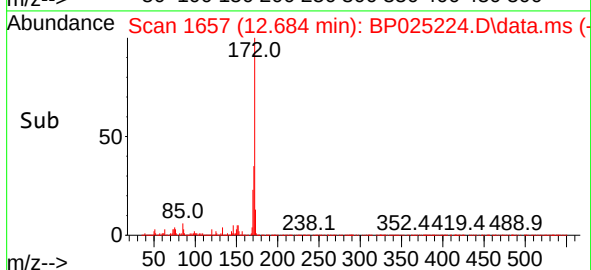
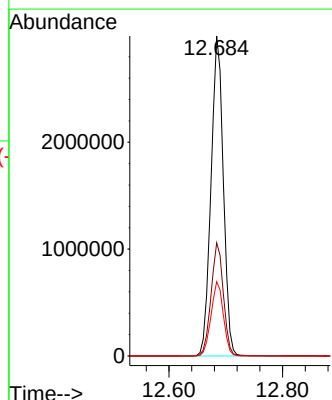
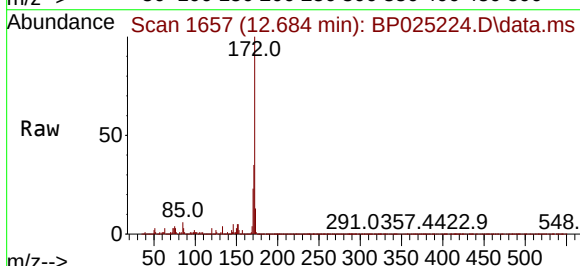
Tgt Ion:172 Resp: 4493416

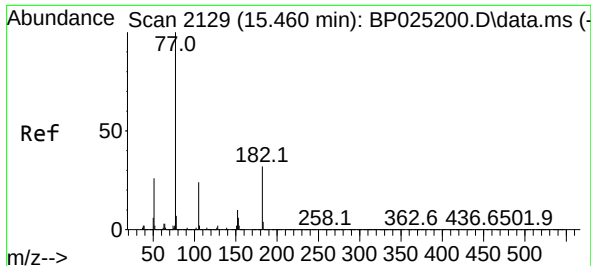
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.2 19.2 28.8

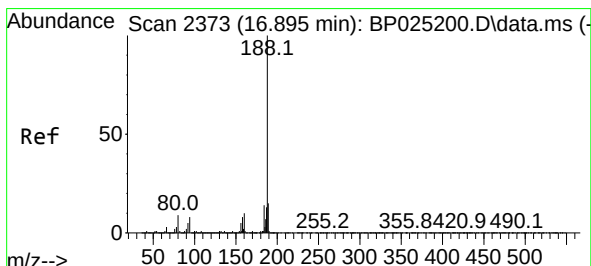
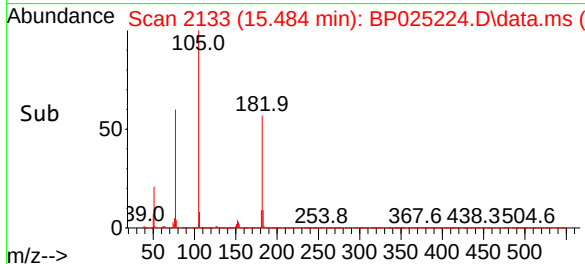
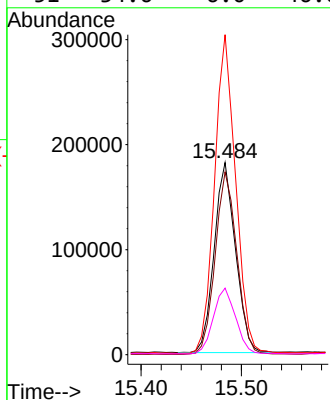
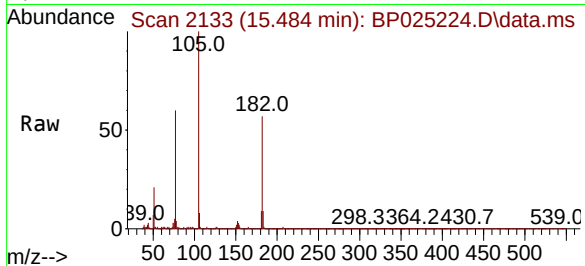




#63
Azobenzene
Concen: 3.147 ng
RT: 15.484 min Scan# 2129
Delta R.T. 0.024 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

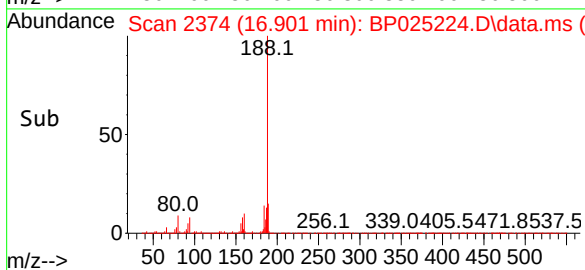
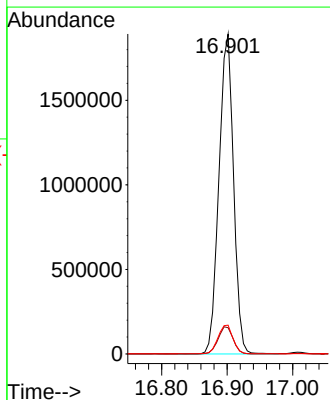
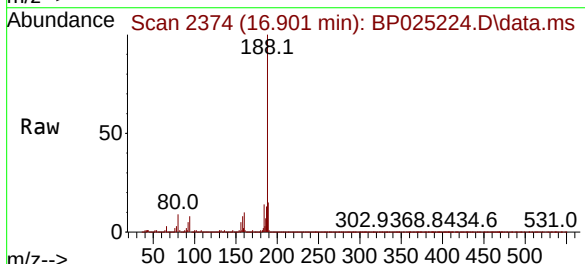
Instrument :
BNA_P
ClientSampleId :
OU4-TS-34-071725RE

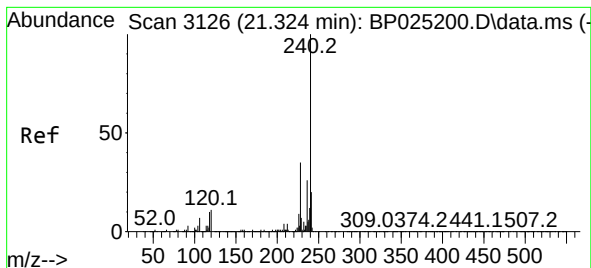
Tgt Ion: 77 Resp: 266683
Ion Ratio Lower Upper
77 100
182 95.1 12.0 52.0#
105 166.5 3.6 43.6#
51 34.6 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

Tgt Ion:188 Resp: 2906792
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.330 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025224.D

Acq: 23 Jul 2025 14:51

Instrument :

BNA_P

ClientSampleId :

OU4-TS-34-071725RE

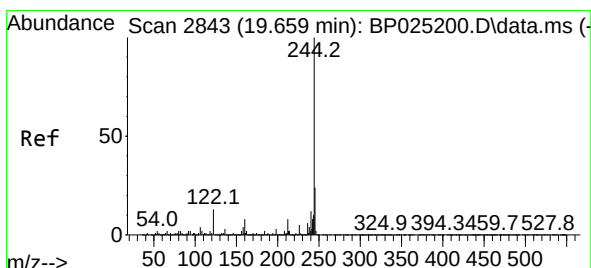
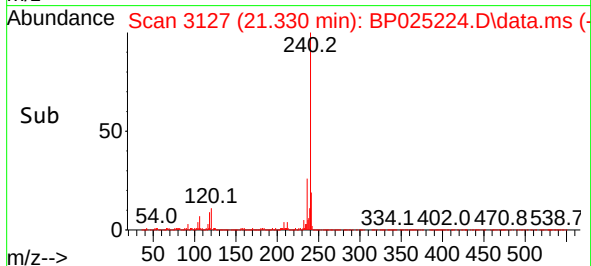
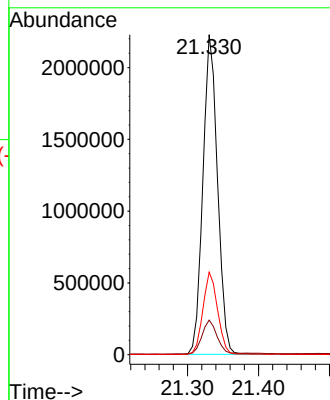
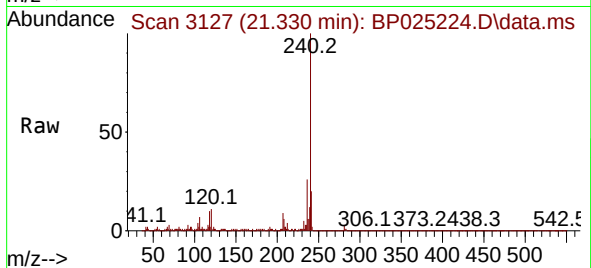
Tgt Ion:240 Resp: 3195945

Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 39.094 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.013 min

Lab File: BP025224.D

Acq: 23 Jul 2025 14:51

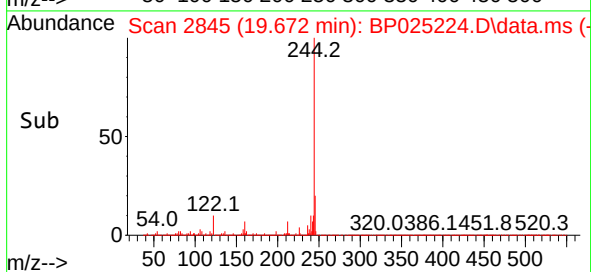
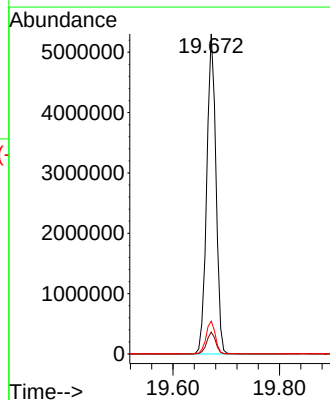
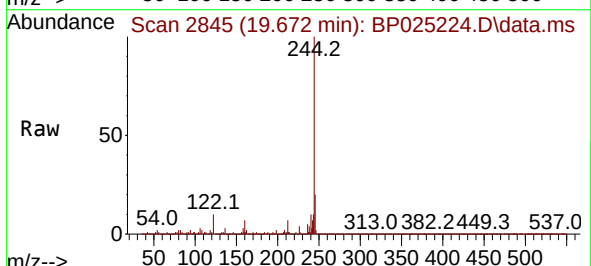
Tgt Ion:244 Resp: 6329276

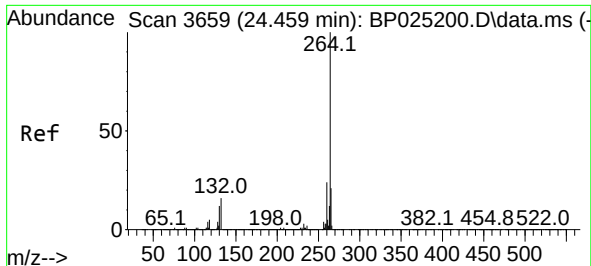
Ion Ratio Lower Upper

244 100

212 6.9 6.6 9.8

122 10.3 10.3 15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP025224.D
Acq: 23 Jul 2025 14:51

Instrument :
BNA_P
ClientSampleId :
OU4-TS-34-071725RE

Tgt Ion:264 Resp: 3770051

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.9	17.5	26.3

