

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
 Data File : BP025223.D
 Acq On : 23 Jul 2025 14:09
 Operator : CG/JU
 Sample : Q2639-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-44-071725

Quant Time: Jul 23 14:59:36 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	7.437	152	635401	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2349335	20.000	ng	0.00
39) Acenaphthene-d10	14.083	164	1282002	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2536430	20.000	ng	0.00
76) Chrysene-d12	21.324	240	3032391	20.000	ng	0.00
86) Perylene-d12	24.465	264	3690514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.107	112	2704043	71.905	ng	0.00
7) Phenol-d6	6.637	99	3259079	69.973	ng	0.00
23) Nitrobenzene-d5	8.560	82	2088184	49.396	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1369837	72.480	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	4456076	49.003	ng	0.00
79) Terphenyl-d14	19.666	244	5943947	38.694	ng	0.00

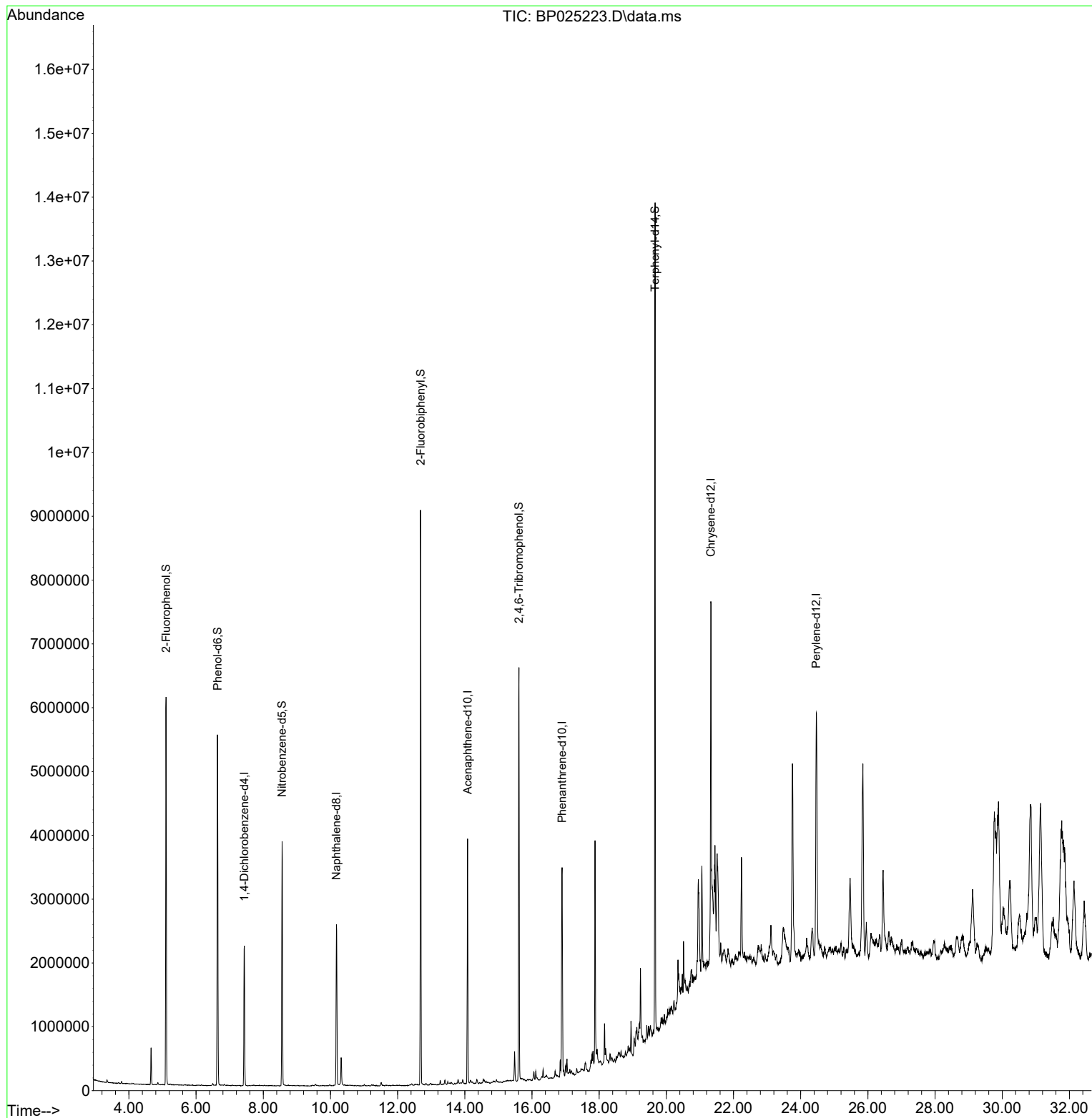
Target Compounds	Qvalue

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

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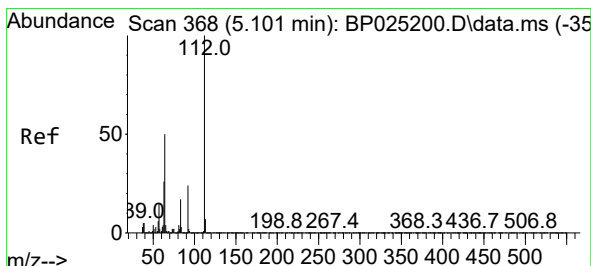
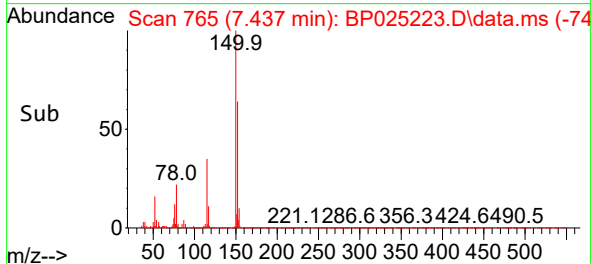
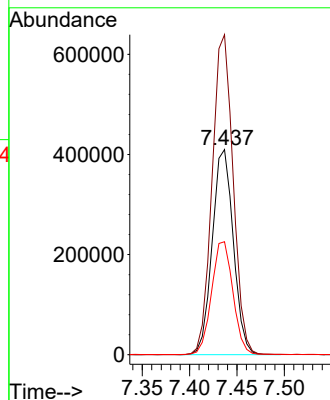
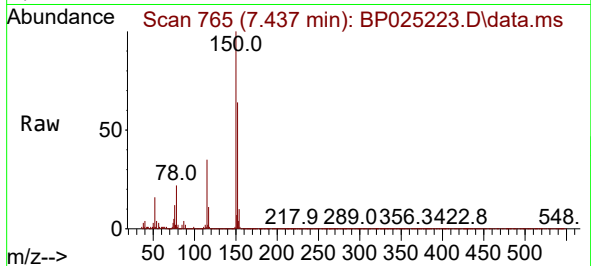




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

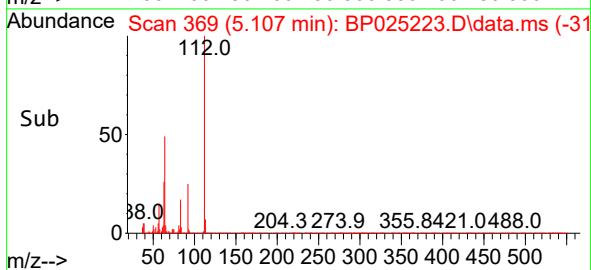
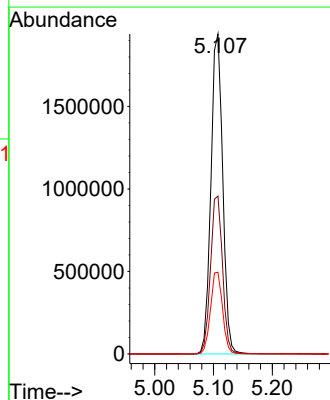
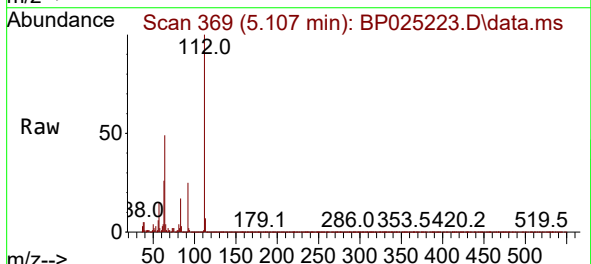
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

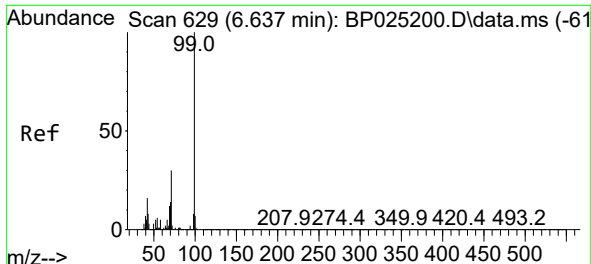
Tgt Ion:152 Resp: 635401
Ion Ratio Lower Upper
152 100
150 156.0 121.9 182.9
115 55.0 43.0 64.6



#5
2-Fluorophenol
Concen: 71.905 ng
RT: 5.107 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:112 Resp: 2704043
Ion Ratio Lower Upper
112 100
64 49.3 39.8 59.6
63 25.6 20.5 30.7

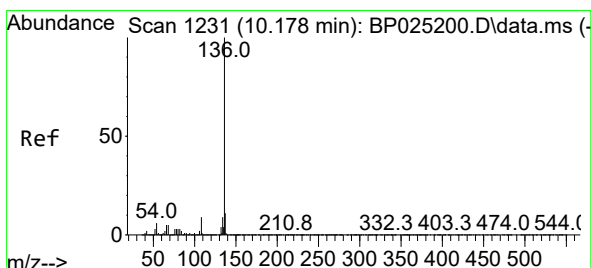
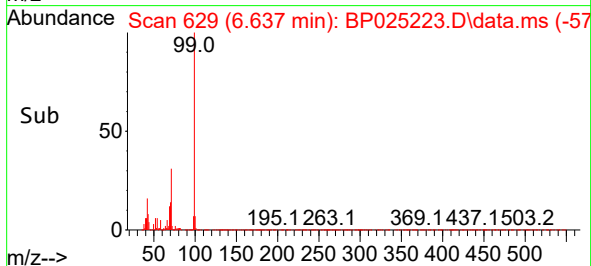
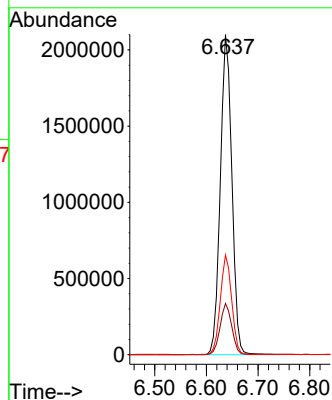
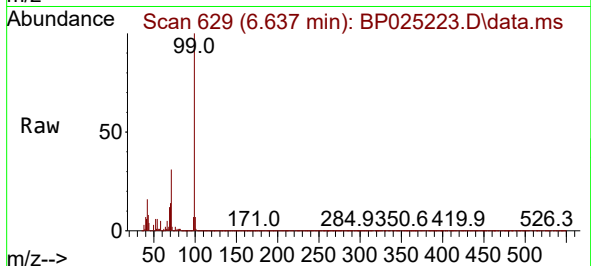




#7
Phenol-d6
Concen: 69.973 ng
RT: 6.637 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

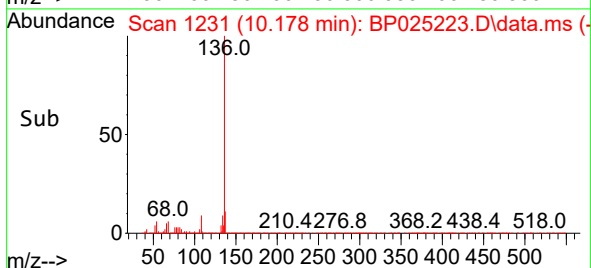
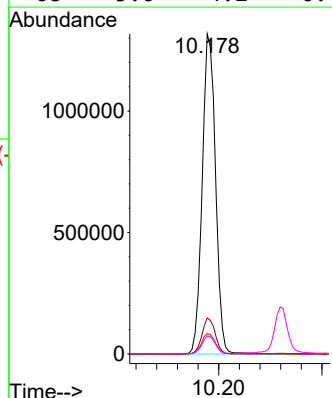
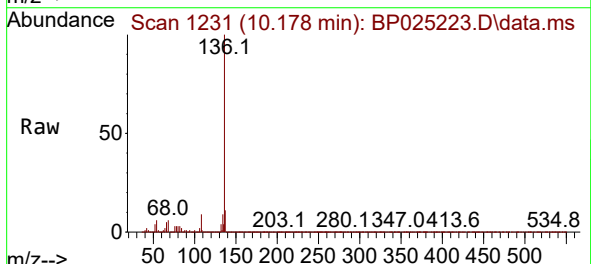
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

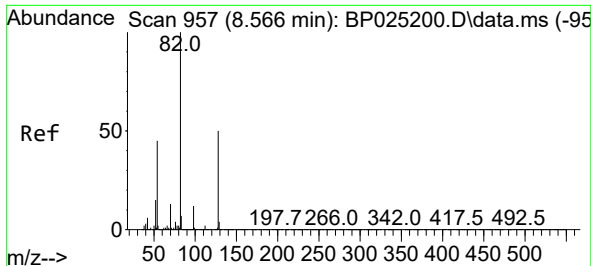
Tgt Ion: 99 Resp: 3259079
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 31.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:136 Resp: 2349335
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.4 5.1 7.7
68 5.6 4.2 6.4

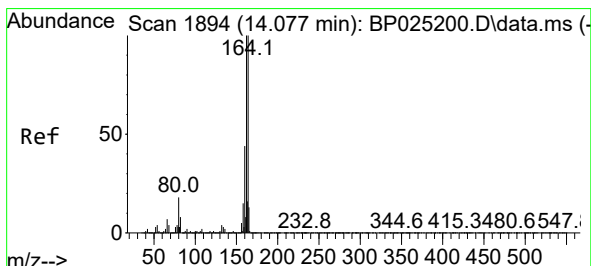
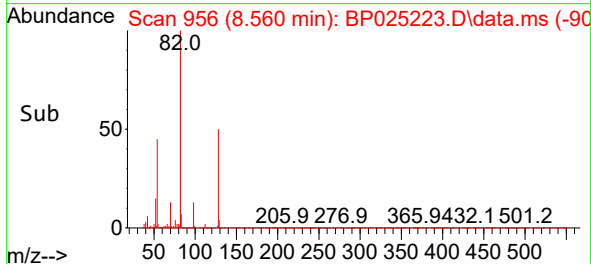
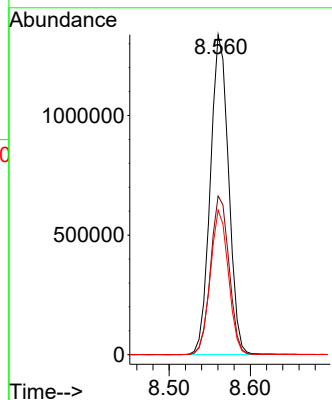
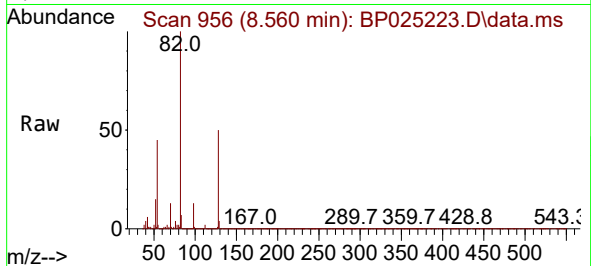




#23
Nitrobenzene-d5
Concen: 49.396 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

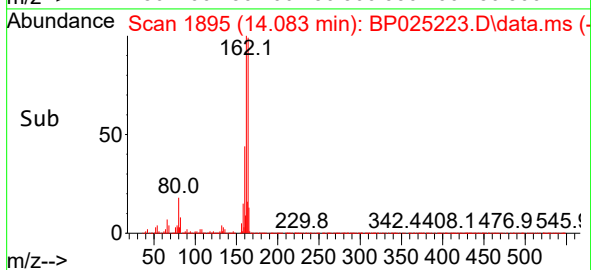
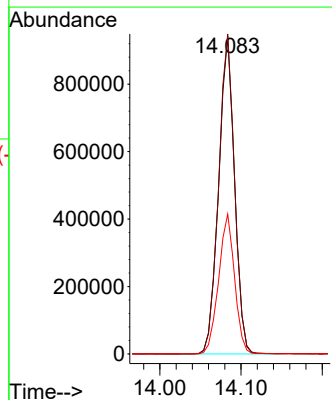
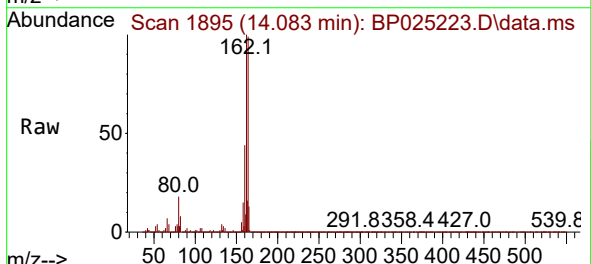
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

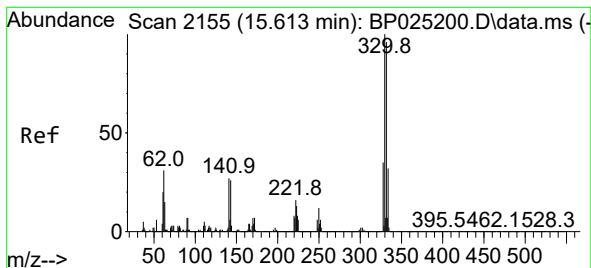
Tgt Ion: 82 Resp: 2088184
Ion Ratio Lower Upper
82 100
128 49.6 40.2 60.4
54 45.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.083 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:164 Resp: 1282002
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.0 35.7 53.5

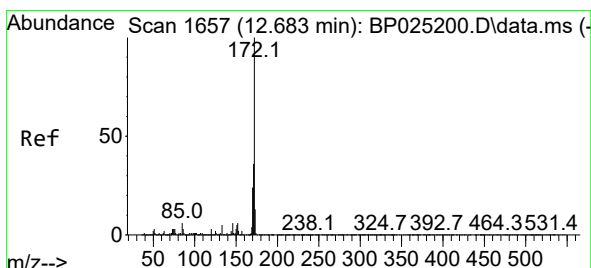
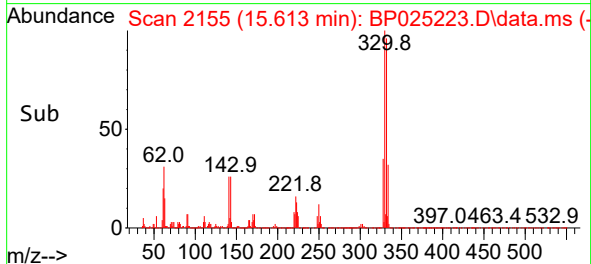
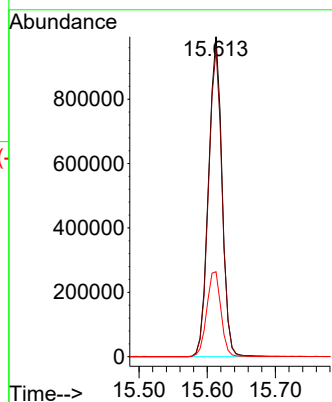
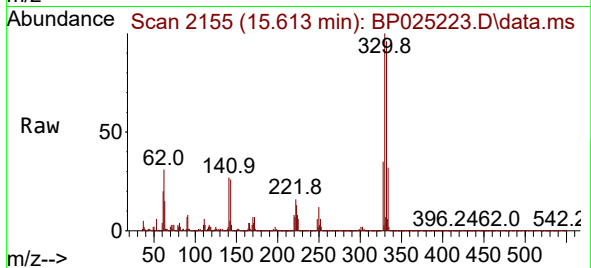




#42
2,4,6-Tribromophenol
Concen: 72.480 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

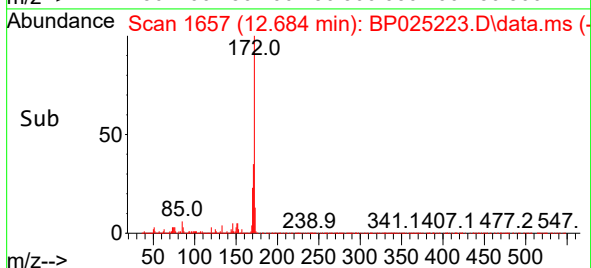
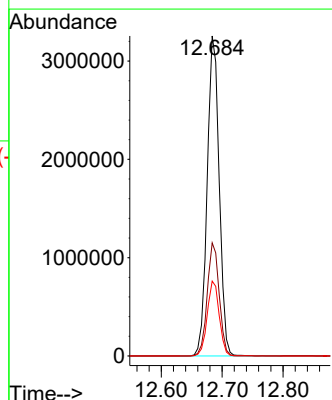
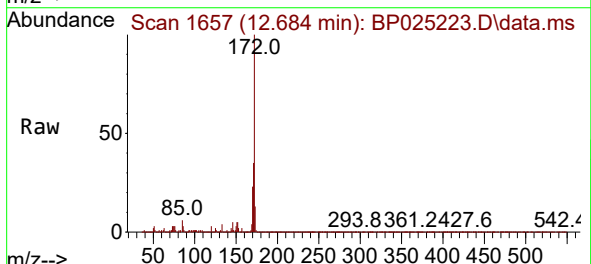
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

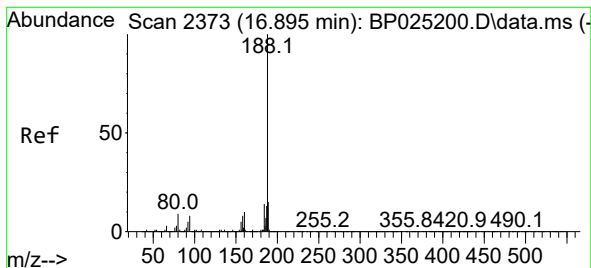
Tgt Ion:330 Resp: 1369837
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 27.9 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 49.003 ng
RT: 12.684 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BP025223.D
Acq: 23 Jul 2025 14:09

Tgt Ion:172 Resp: 4456076
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: 16.895 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025223.D

Acq: 23 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

OU4-TS-44-071725

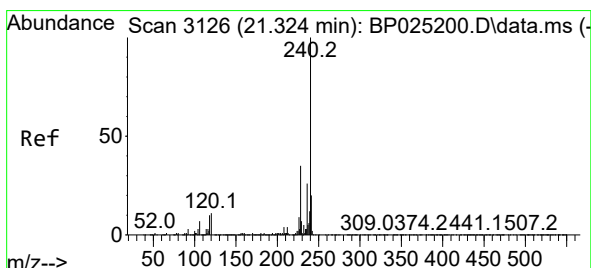
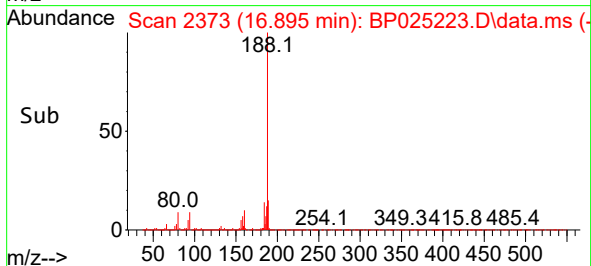
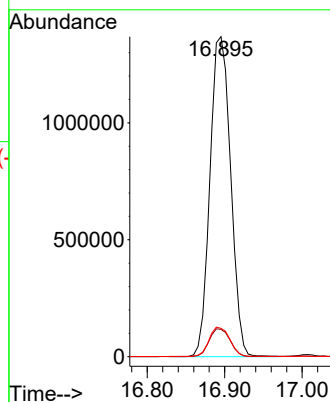
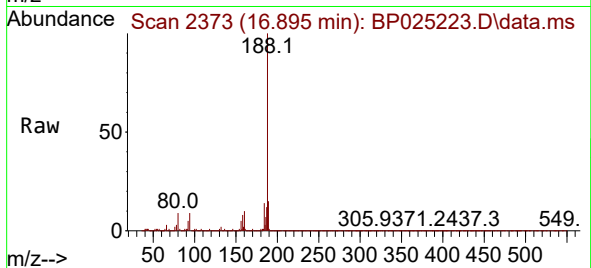
Tgt Ion:188 Resp: 2536430

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BP025223.D

Acq: 23 Jul 2025 14:09

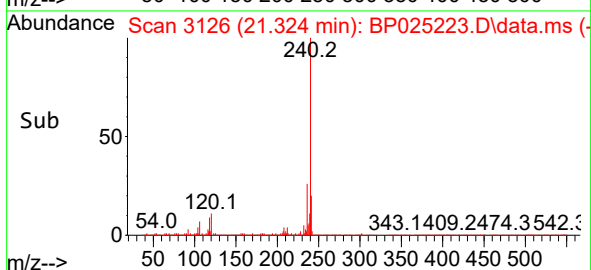
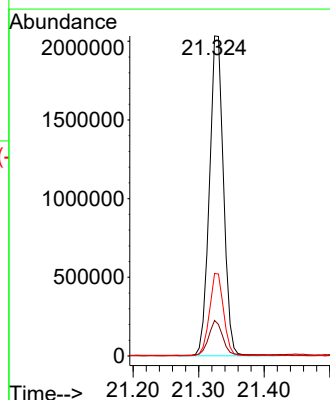
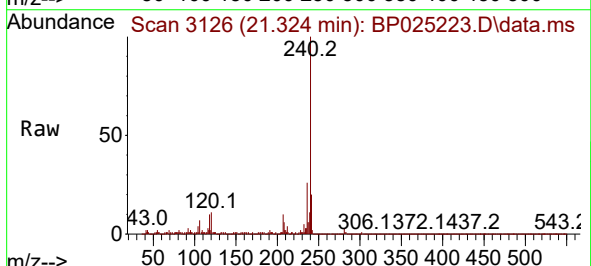
Tgt Ion:240 Resp: 3032391

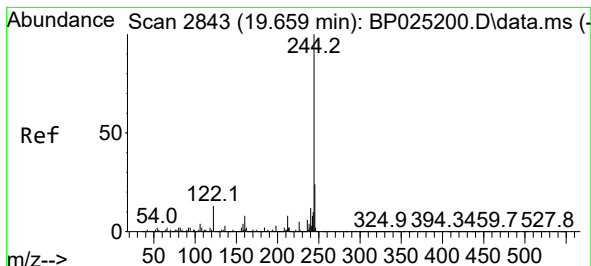
Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 38.694 ng

RT: 19.666 min Scan# 21

Delta R.T. 0.007 min

Lab File: BP025223.D

Acq: 23 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

OU4-TS-44-071725

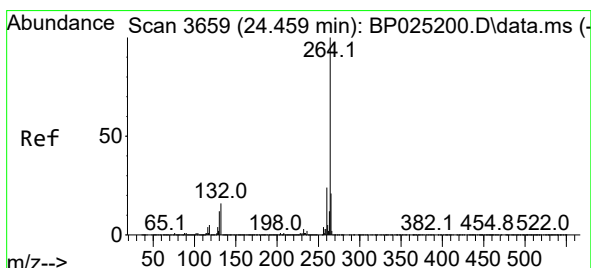
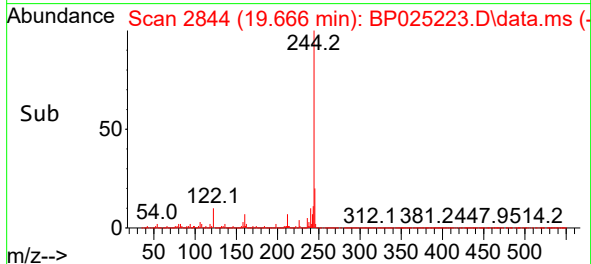
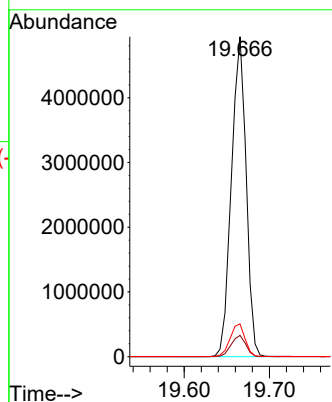
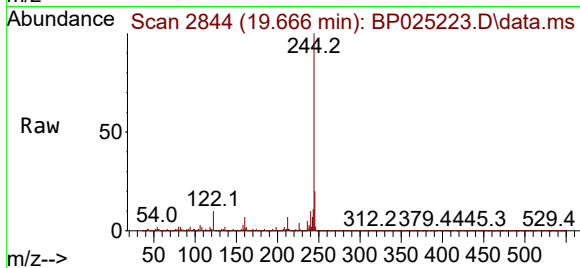
Tgt Ion:244 Resp: 5943947

Ion Ratio Lower Upper

244 100

212 6.7 6.6 9.8

122 10.2 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.465 min Scan# 3660

Delta R.T. 0.006 min

Lab File: BP025223.D

Acq: 23 Jul 2025 14:09

Tgt Ion:264 Resp: 3690514

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.1 17.5 26.3

