

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
 Data File : BP025208.D
 Acq On : 22 Jul 2025 10:26
 Operator : CG/JU
 Sample : PB168929BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 22 11:02:35 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	557557	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2098002	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1311903	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2819607	20.000	ng	0.00
76) Chrysene-d12	21.319	240	3039988	20.000	ng	0.00
86) Perylene-d12	24.448	264	3429202	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4114055	124.674	ng	0.00
7) Phenol-d6	6.631	99	4908361	120.097	ng	0.00
23) Nitrobenzene-d5	8.555	82	3007529	79.665	ng	-0.01
42) 2,4,6-Tribromophenol	15.607	330	2540140	131.339	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	7551189	81.148	ng	0.00
79) Terphenyl-d14	19.660	244	11838187	76.872	ng	0.00

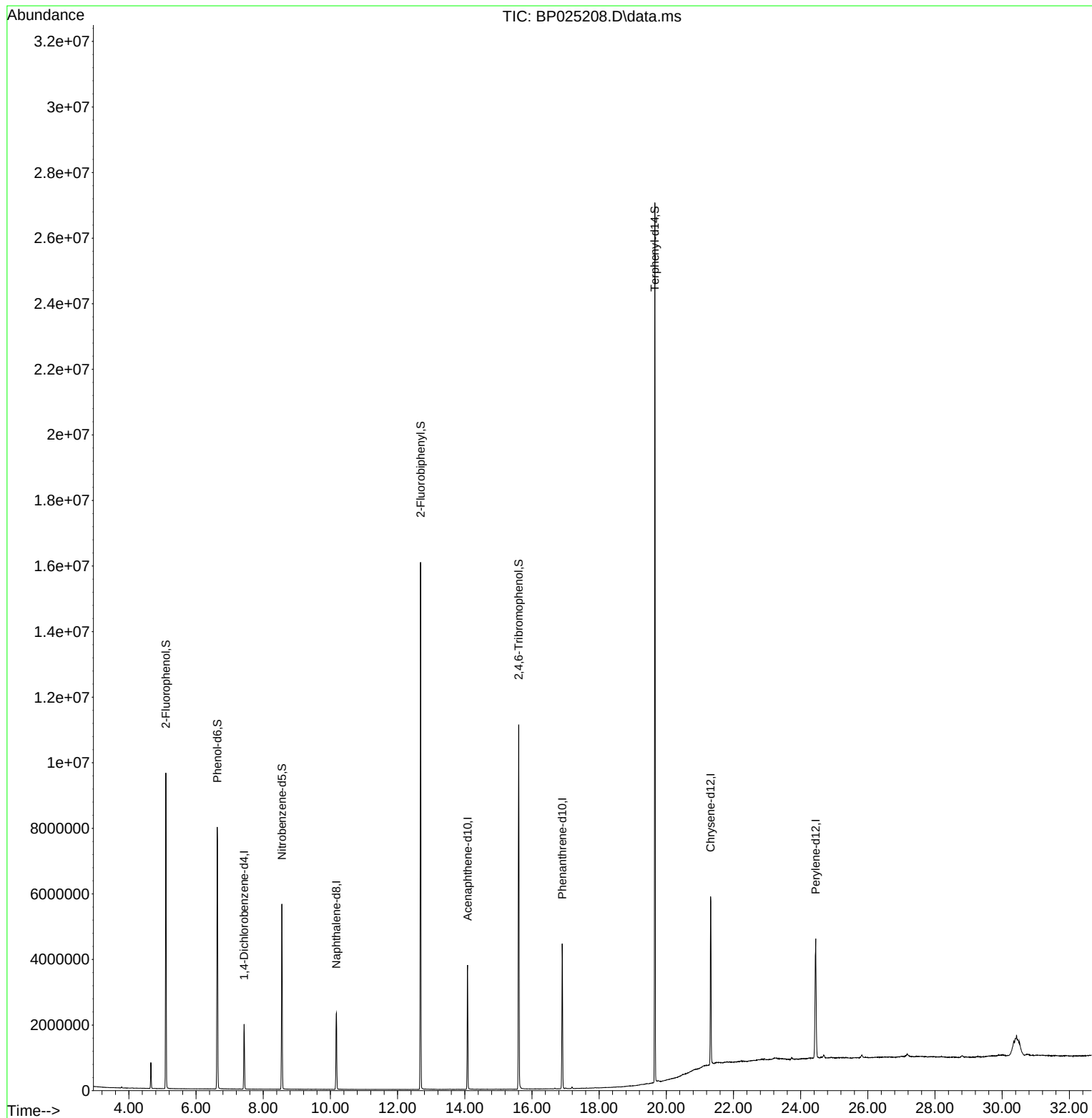
Target Compounds	Qvalue

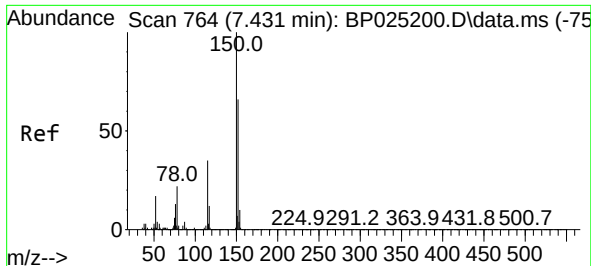
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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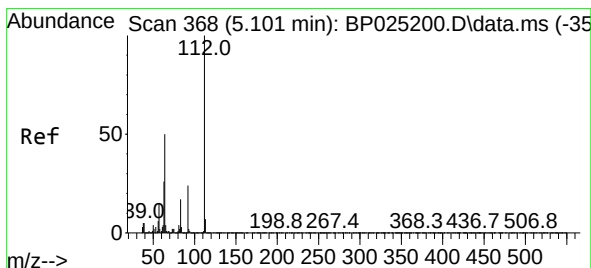
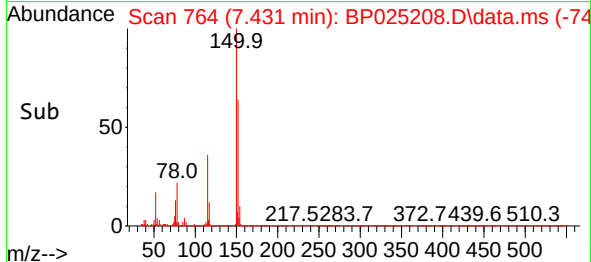
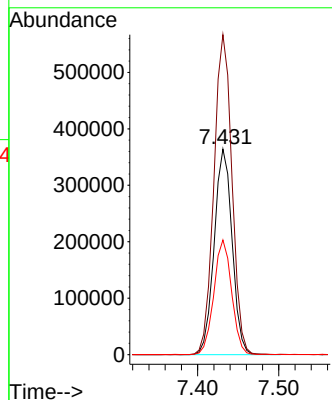
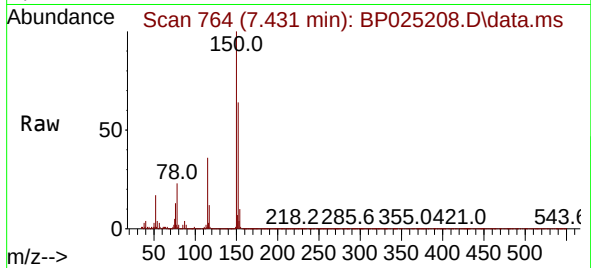




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BP025208.D
 Acq: 22 Jul 2025 10:26

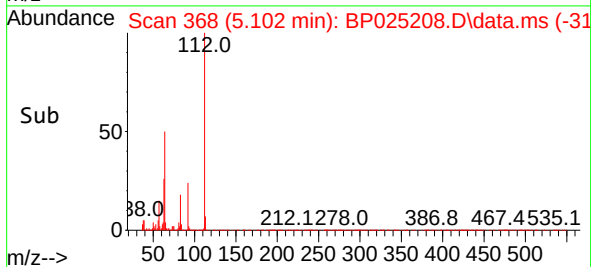
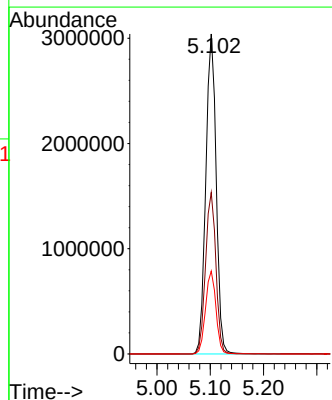
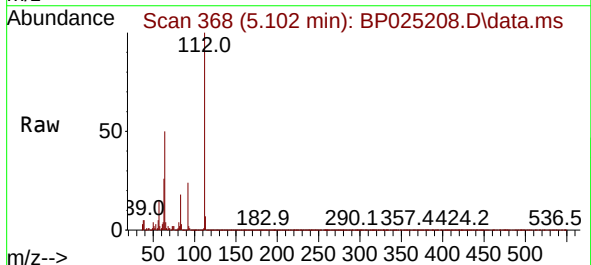
Instrument :
 BNA_P
 ClientSampleId :

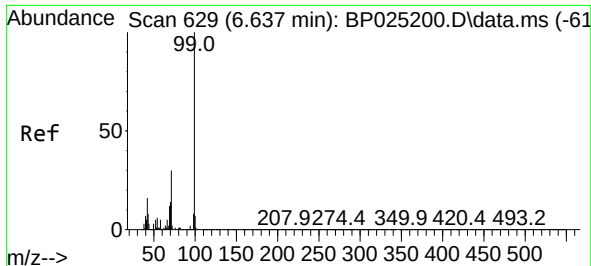
Tgt Ion:152 Resp: 557557
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.9 182.9
 115 55.8 43.0 64.6



#5
 2-Fluorophenol
 Concen: 124.674 ng
 RT: 5.102 min Scan# 368
 Delta R.T. 0.000 min
 Lab File: BP025208.D
 Acq: 22 Jul 2025 10:26

Tgt Ion:112 Resp: 4114055
 Ion Ratio Lower Upper
 112 100
 64 50.4 39.8 59.6
 63 25.9 20.5 30.7

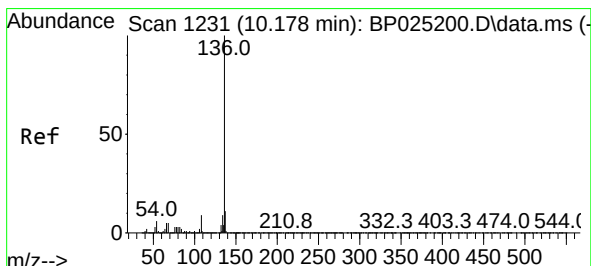
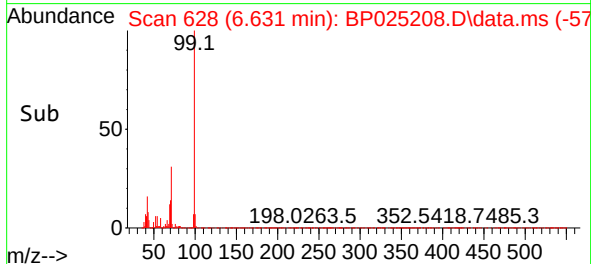
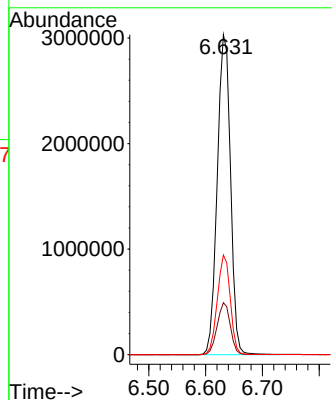
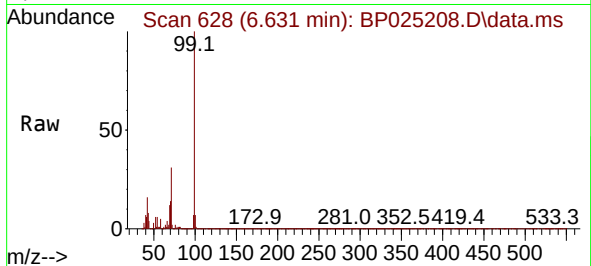




#7
Phenol-d6
Concen: 120.097 ng
RT: 6.631 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025208.D
Acq: 22 Jul 2025 10:26

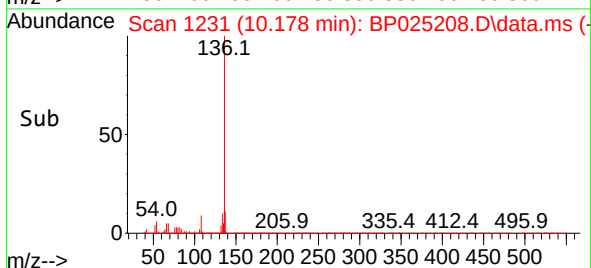
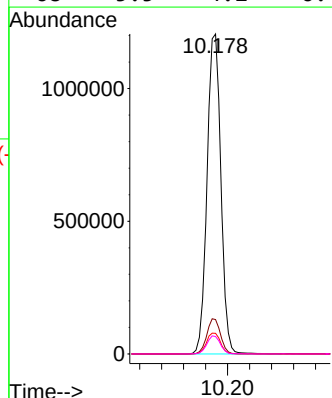
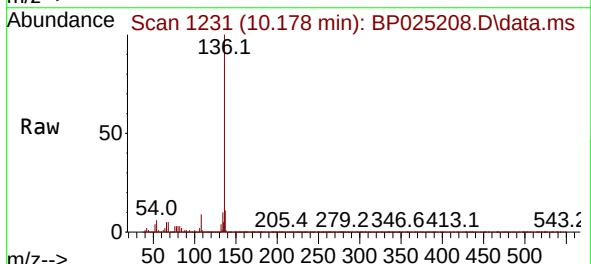
Instrument :
BNA_P
ClientSampleId :

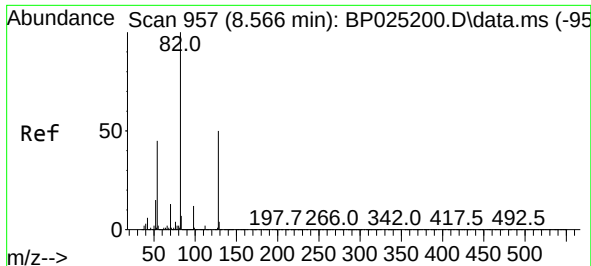
Tgt Ion: 99 Resp: 4908361
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 31.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025208.D
Acq: 22 Jul 2025 10:26

Tgt Ion:136 Resp: 2098002
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.1 7.7
68 5.5 4.2 6.4

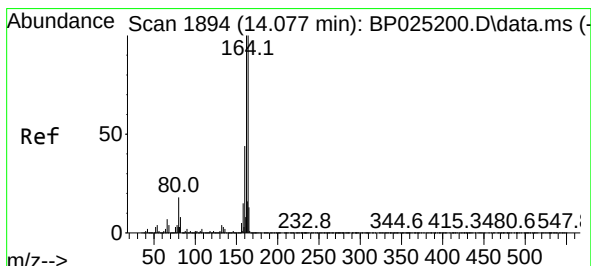
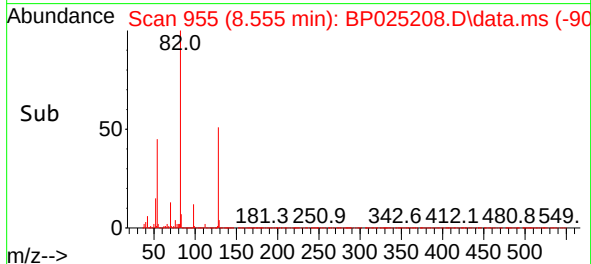
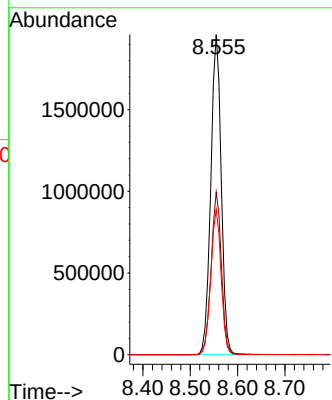
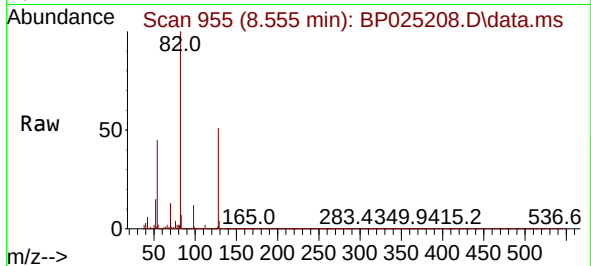




#23
Nitrobenzene-d5
Concen: 79.665 ng
RT: 8.555 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP025208.D
Acq: 22 Jul 2025 10:26

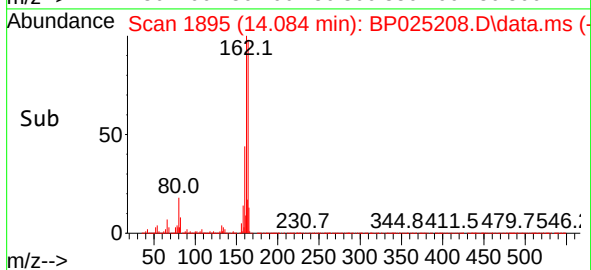
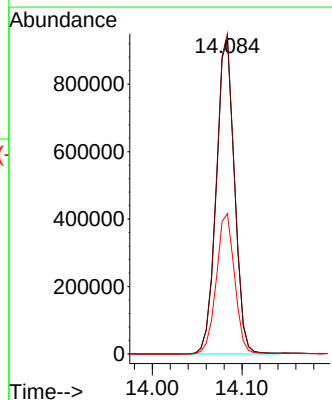
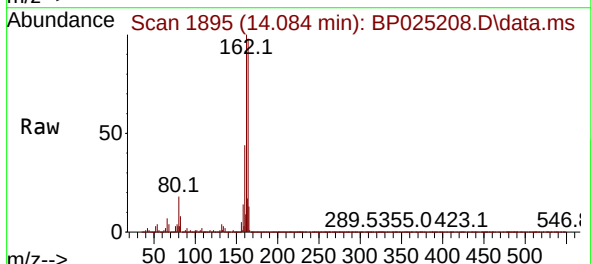
Instrument :
BNA_P
ClientSampleId :

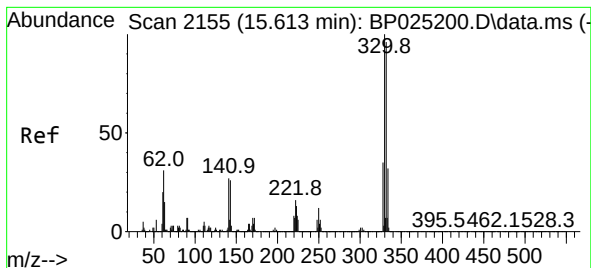
Tgt Ion: 82 Resp: 3007529
Ion Ratio Lower Upper
82 100
128 50.8 40.2 60.4
54 45.4 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025208.D
Acq: 22 Jul 2025 10:26

Tgt Ion:164 Resp: 1311903
Ion Ratio Lower Upper
164 100
162 101.5 80.3 120.5
160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 131.339 ng

RT: 15.607 min Scan# 2155

Delta R.T. -0.006 min

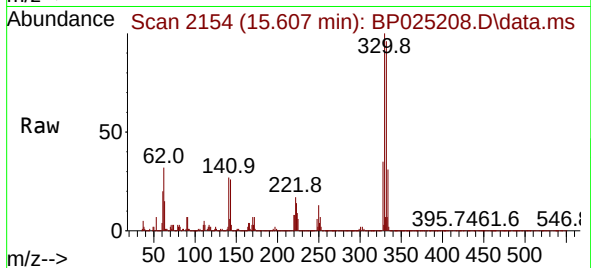
Lab File: BP025208.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_P

ClientSampleId :



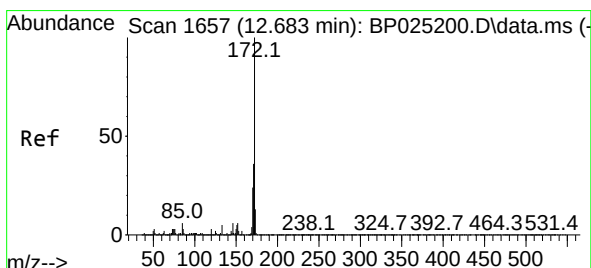
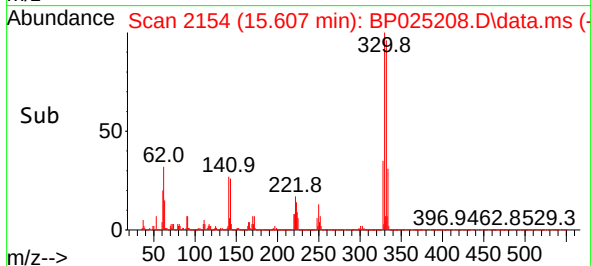
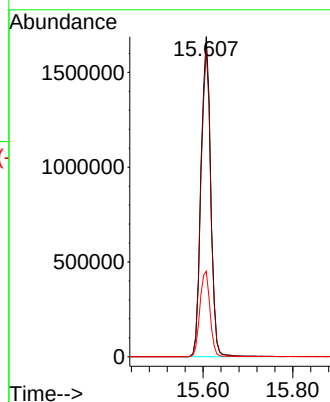
Tgt Ion:330 Resp: 2540140

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 27.7 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 81.148 ng

RT: 12.684 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BP025208.D

Acq: 22 Jul 2025 10:26

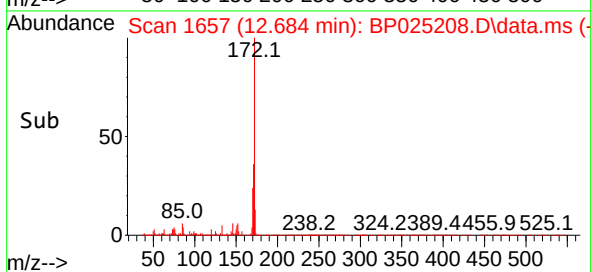
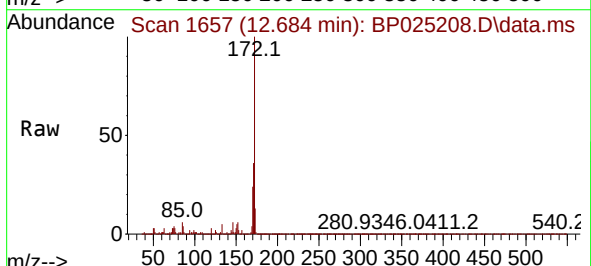
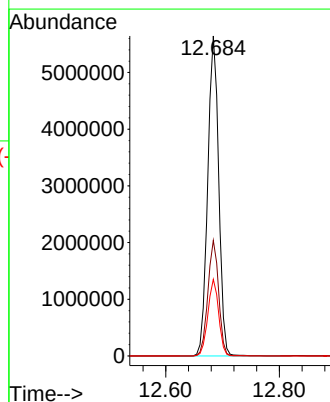
Tgt Ion:172 Resp: 7551189

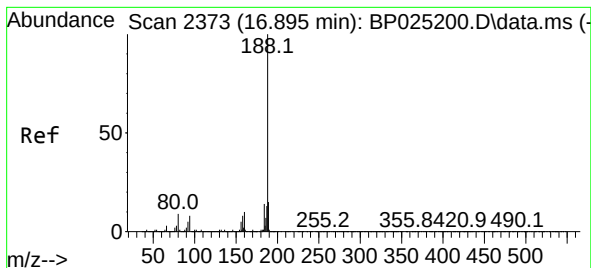
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.0 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025208.D

Acq: 22 Jul 2025 10:26

Instrument :

BNA_P

ClientSampleId :

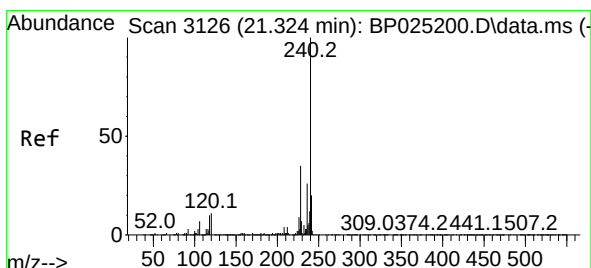
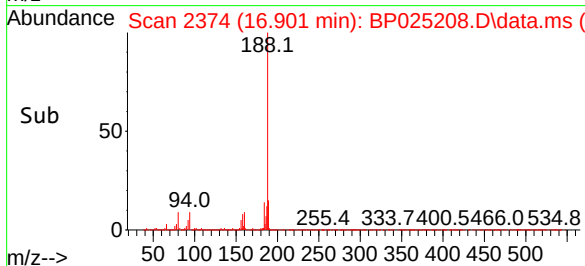
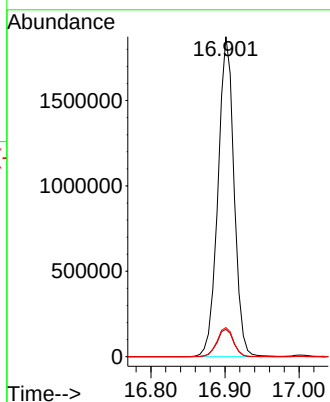
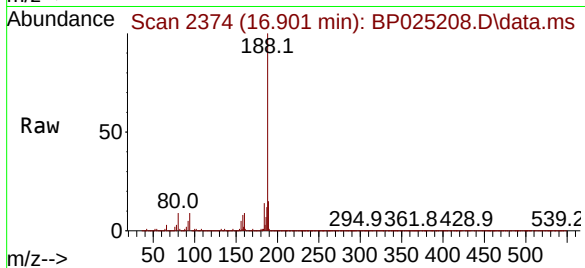
Tgt Ion:188 Resp: 2819607

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.319 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP025208.D

Acq: 22 Jul 2025 10:26

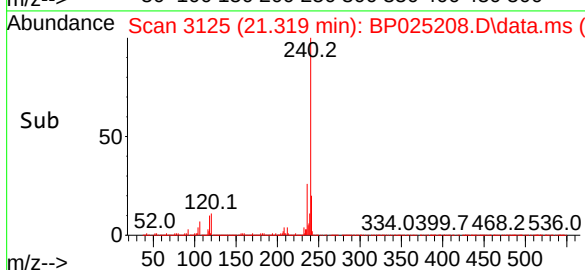
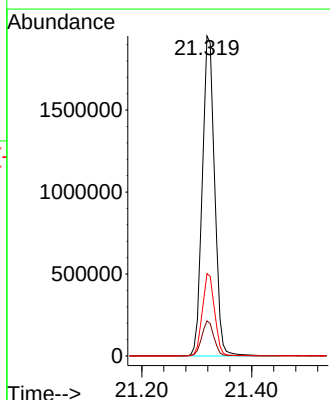
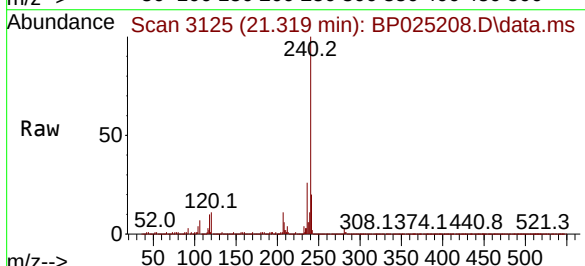
Tgt Ion:240 Resp: 3039988

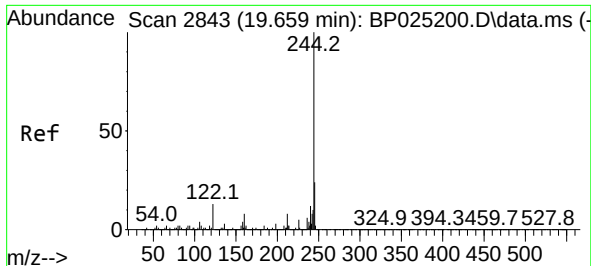
Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

236 25.8 20.9 31.3

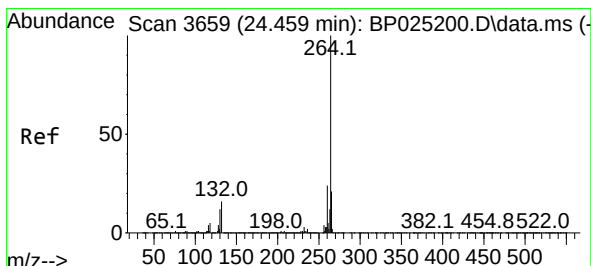
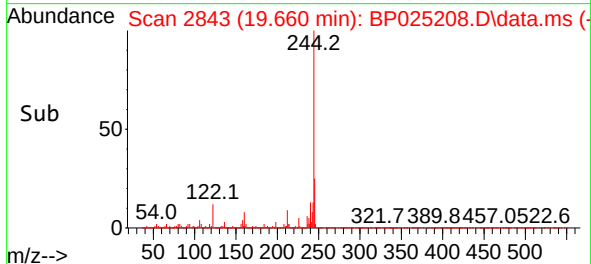
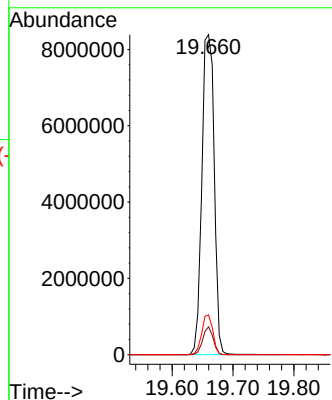
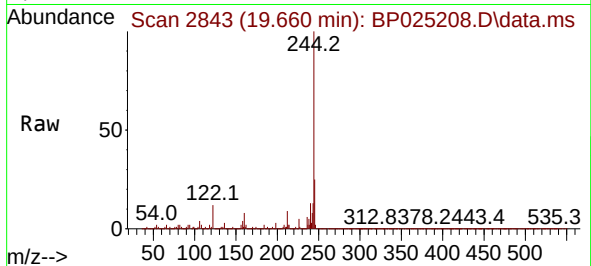




#79
Terphenyl-d14
Concen: 76.872 ng
RT: 19.660 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP025208.D
Acq: 22 Jul 2025 10:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp:11838187
Ion Ratio Lower Upper
244 100
212 8.7 6.6 9.8
122 12.4 10.3 15.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3657
Delta R.T. -0.011 min
Lab File: BP025208.D
Acq: 22 Jul 2025 10:26

Tgt Ion:264 Resp: 3429202
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 22.2 17.5 26.3

