

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
 Data File : BP025215.D
 Acq On : 22 Jul 2025 15:17
 Operator : CG/JU
 Sample : Q2638-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 22 15:42:56 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)

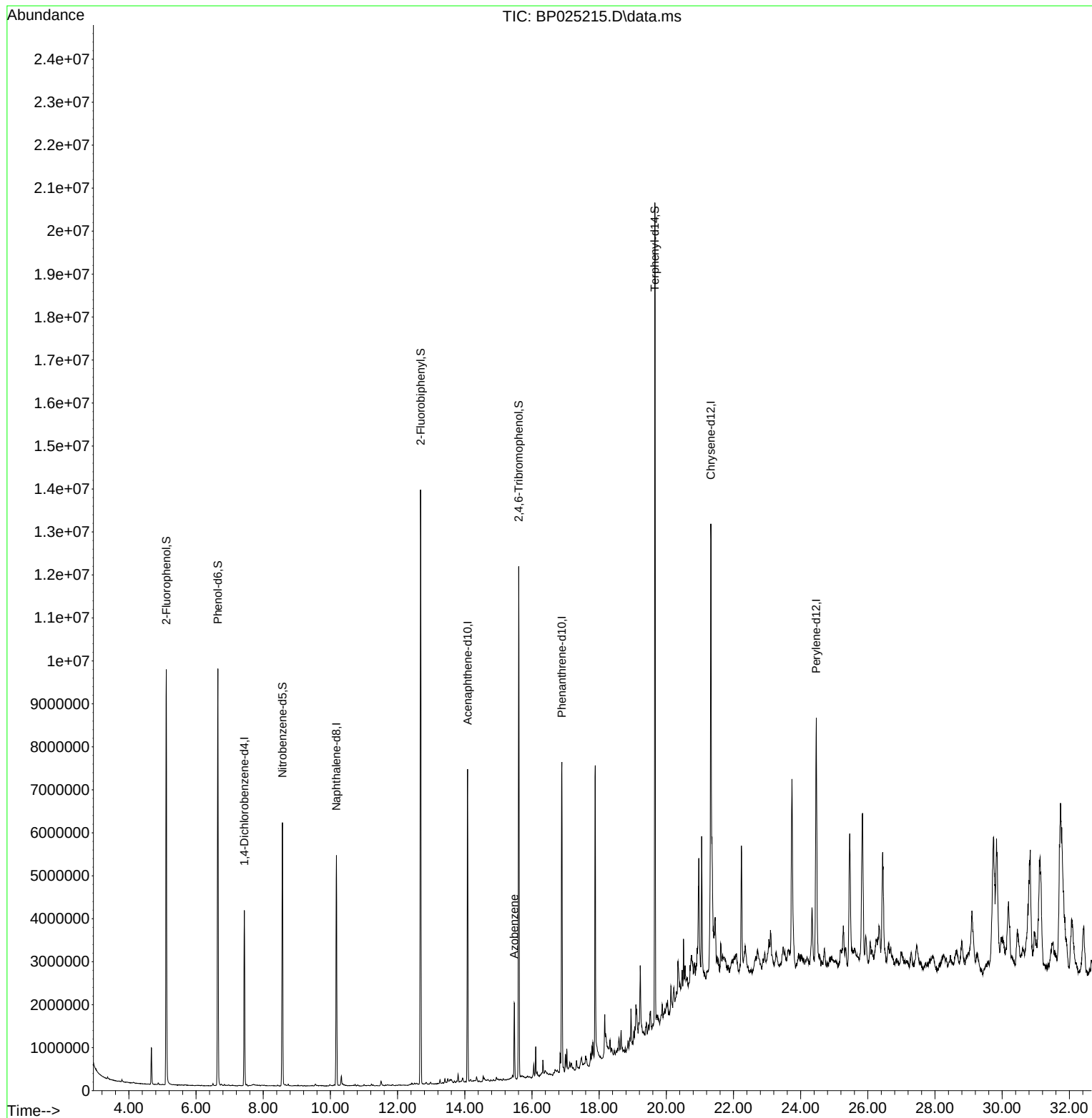
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	1179136	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	4492387	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	2618726	20.000	ng	0.00
64) Phenanthrene-d10	16.889	188	4896563	20.000	ng	0.00
76) Chrysene-d12	21.324	240	4545748	20.000	ng	0.00
86) Perylene-d12	24.465	264	5283294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.113	112	4746923	68.021	ng	0.01
7) Phenol-d6	6.649	99	5755070	66.584	ng	0.01
23) Nitrobenzene-d5	8.572	82	3736931	46.228	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2637905	68.329	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	8188481	44.083	ng	0.00
79) Terphenyl-d14	19.660	244	9578036	41.593	ng	0.00
Target Compounds						
63) Azobenzene	15.472	77	477754	3.176	ng	Qvalue # 1

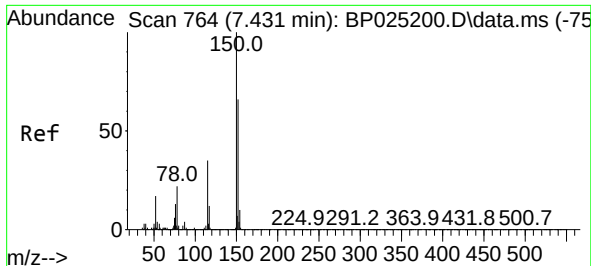
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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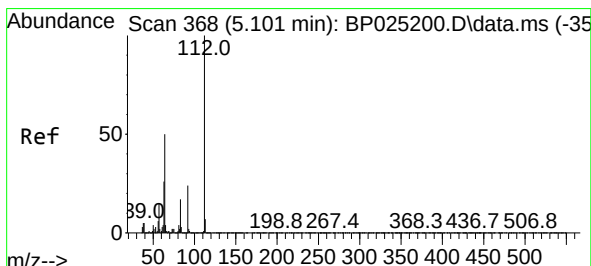
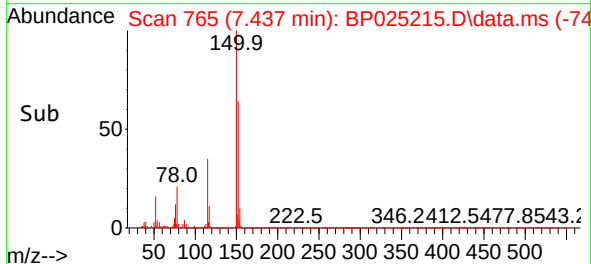
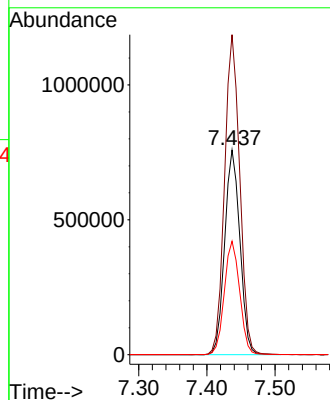
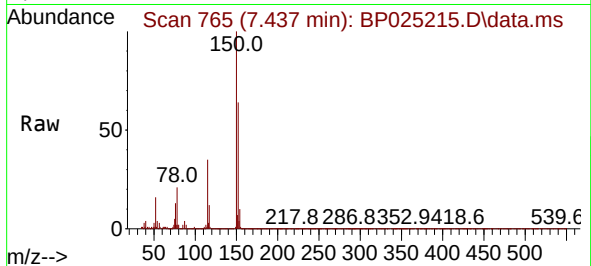




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.437 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: BP025215.D
 Acq: 22 Jul 2025 15:17

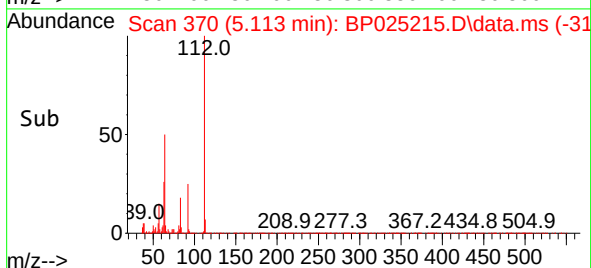
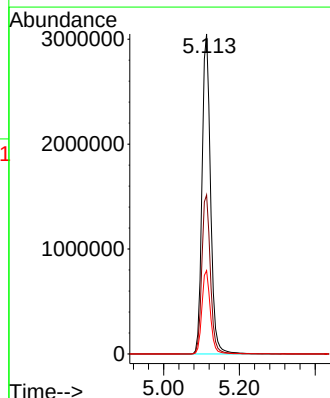
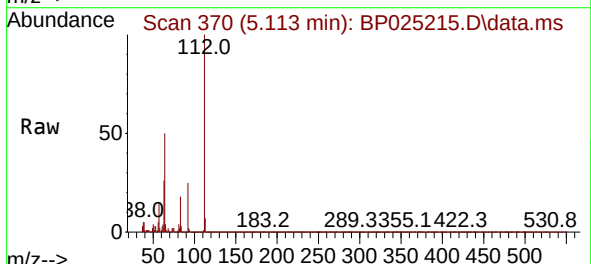
Instrument :
 BNA_P
 ClientSampleId :

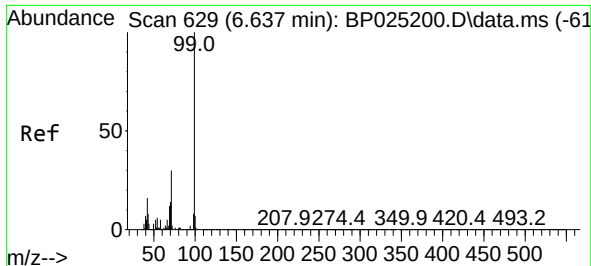
Tgt Ion:152 Resp: 1179136
 Ion Ratio Lower Upper
 152 100
 150 156.4 121.9 182.9
 115 55.4 43.0 64.6



#5
 2-Fluorophenol
 Concen: 68.021 ng
 RT: 5.113 min Scan# 370
 Delta R.T. 0.012 min
 Lab File: BP025215.D
 Acq: 22 Jul 2025 15:17

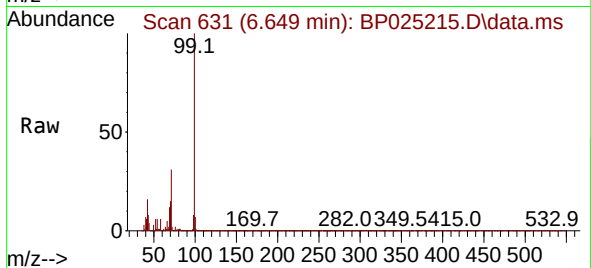
Tgt Ion:112 Resp: 4746923
 Ion Ratio Lower Upper
 112 100
 64 49.7 39.8 59.6
 63 26.0 20.5 30.7



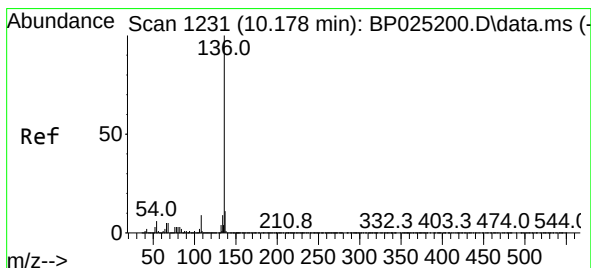
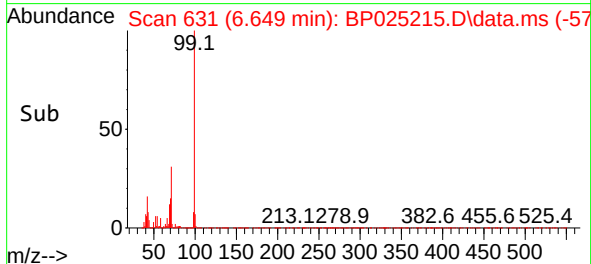
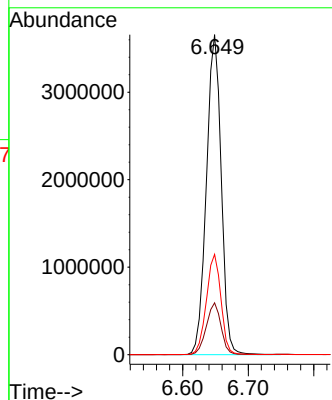


#7
Phenol-d6
Concen: 66.584 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025215.D
Acq: 22 Jul 2025 15:17

Instrument :
BNA_P
ClientSampleId :

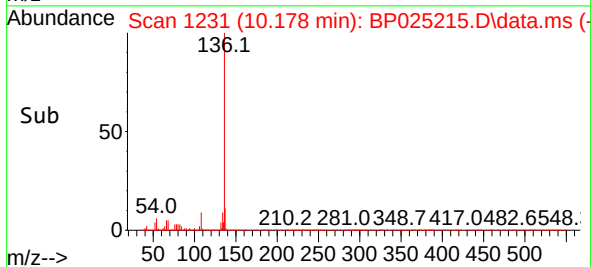
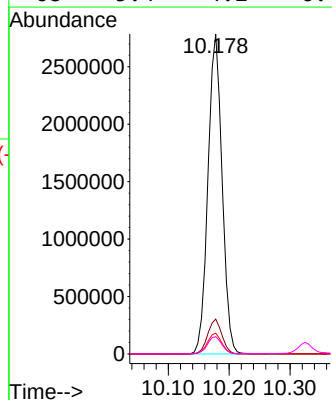
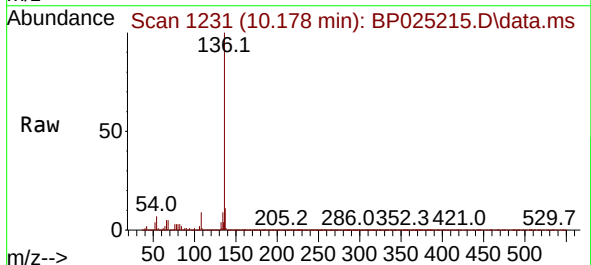


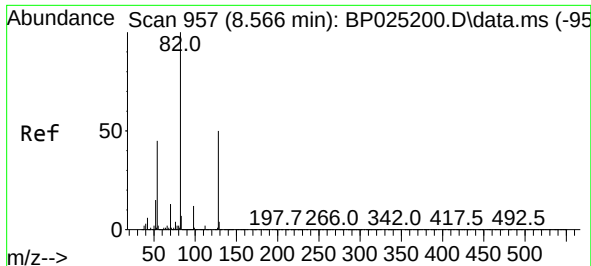
Tgt Ion: 99 Resp: 5755070
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 31.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BP025215.D
Acq: 22 Jul 2025 15:17

Tgt Ion: 136 Resp: 4492387
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.1 7.7
68 5.4 4.2 6.4

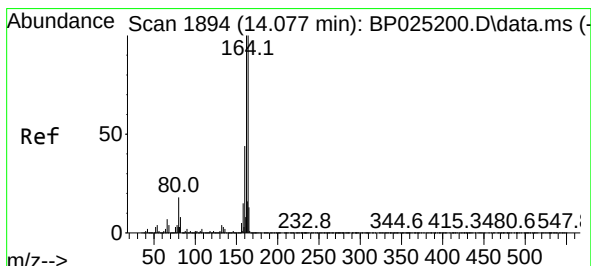
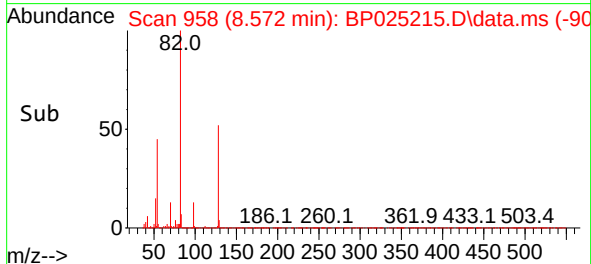
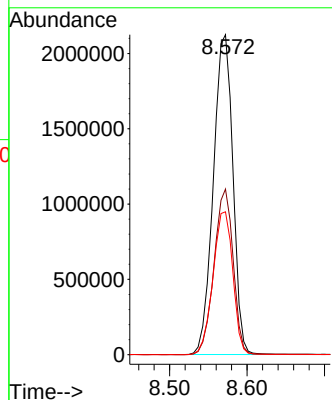
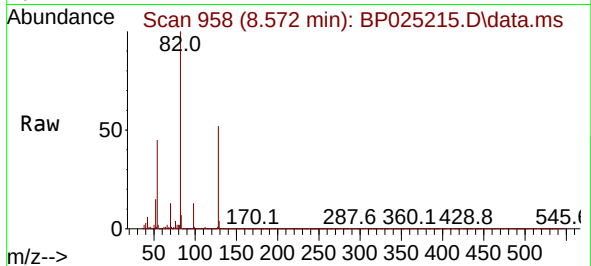




#23
Nitrobenzene-d5
Concen: 46.228 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025215.D
Acq: 22 Jul 2025 15:17

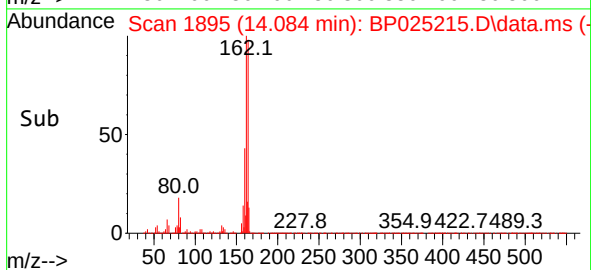
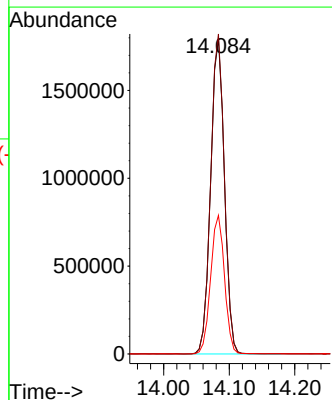
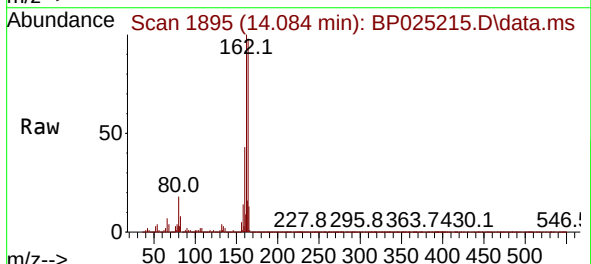
Instrument :
BNA_P
ClientSampleId :

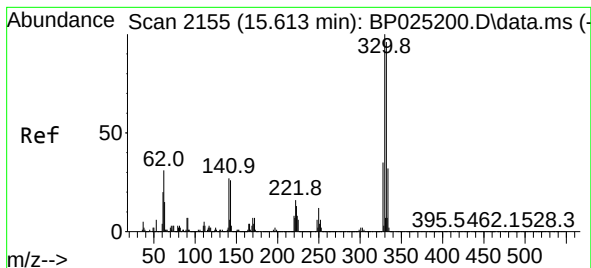
Tgt Ion: 82 Resp: 3736931
Ion Ratio Lower Upper
82 100
128 51.8 40.2 60.4
54 44.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP025215.D
Acq: 22 Jul 2025 15:17

Tgt Ion: 164 Resp: 2618726
Ion Ratio Lower Upper
164 100
162 101.6 80.3 120.5
160 44.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 68.329 ng

RT: 15.607 min Scan# 2155

Delta R.T. -0.006 min

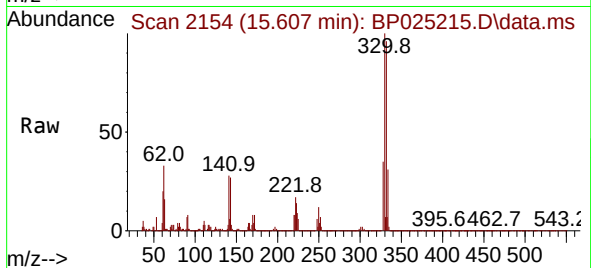
Lab File: BP025215.D

Acq: 22 Jul 2025 15:17

Instrument :

BNA_P

ClientSampleId :



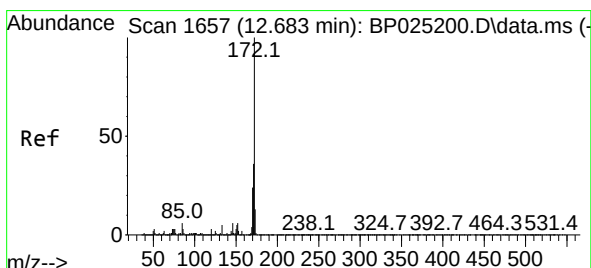
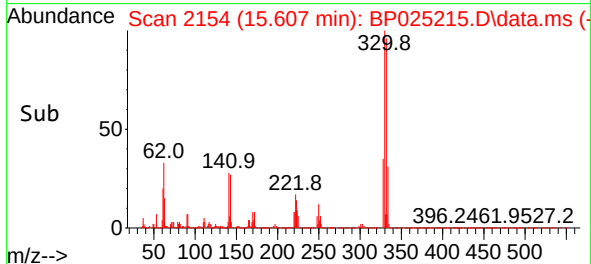
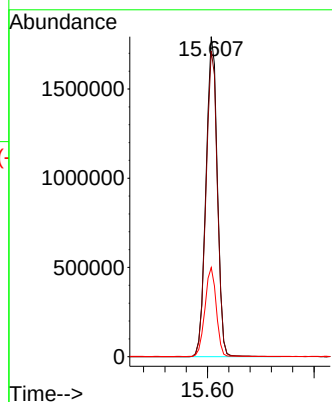
Tgt Ion:330 Resp: 2637905

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 27.6 22.4 33.6



#45

2-Fluorobiphenyl

Concen: 44.083 ng

RT: 12.684 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BP025215.D

Acq: 22 Jul 2025 15:17

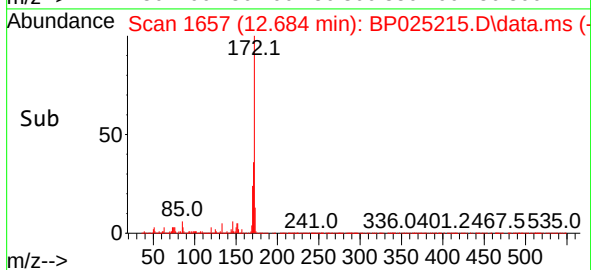
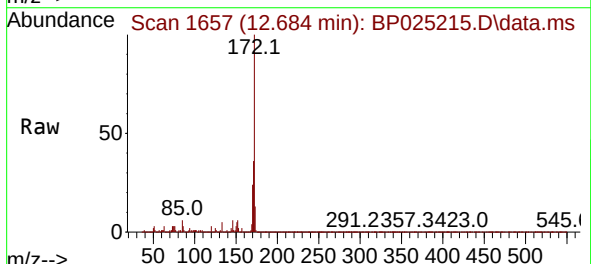
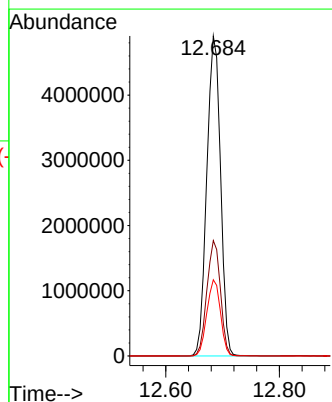
Tgt Ion:172 Resp: 8188481

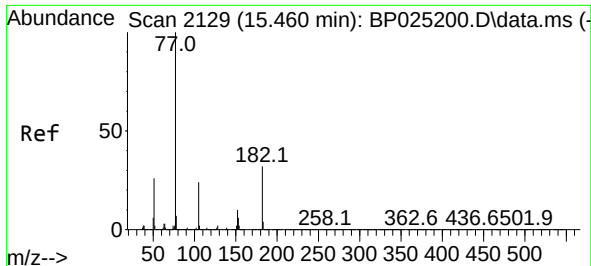
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

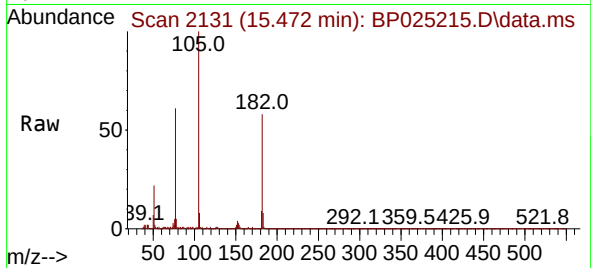
170 23.8 19.2 28.8



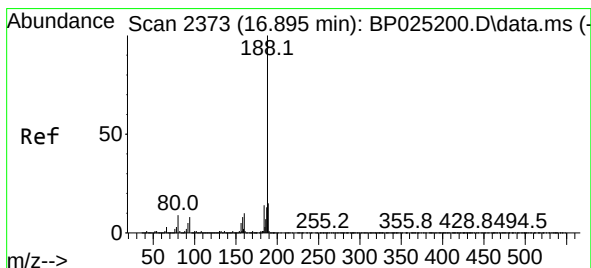
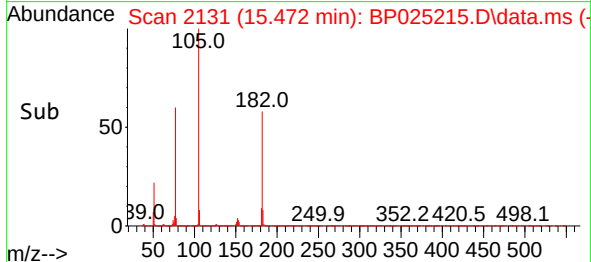
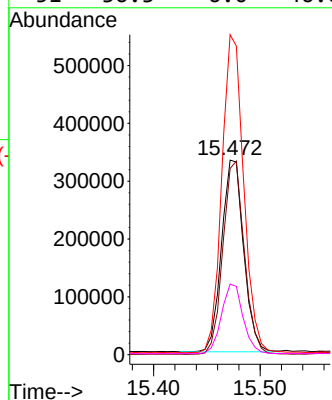


#63
Azobenzene
Concen: 3.176 ng
RT: 15.472 min Scan# 2129
Delta R.T. 0.012 min
Lab File: BP025215.D
Acq: 22 Jul 2025 15:17

Instrument :
BNA_P
ClientSampleId :

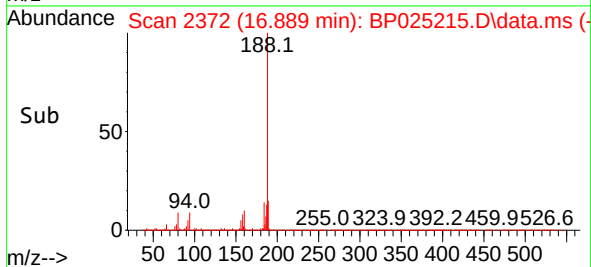
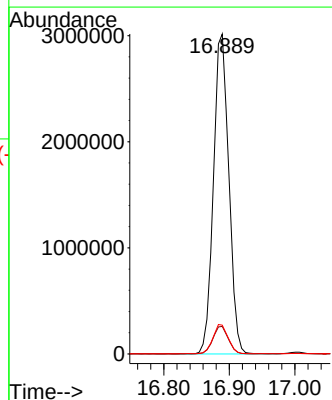
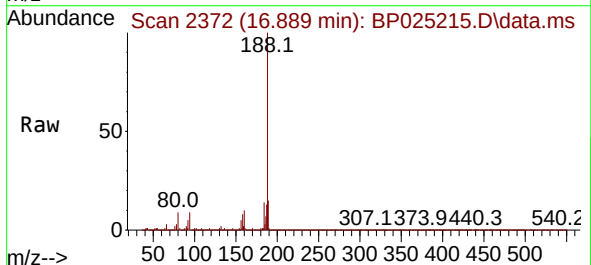


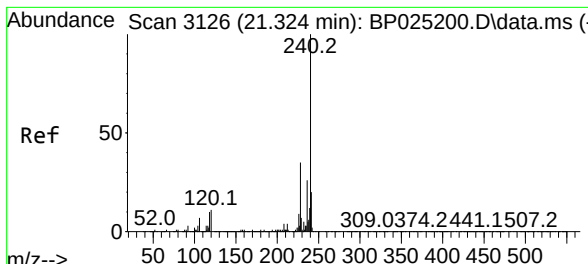
Tgt Ion: 77 Resp: 477754
Ion Ratio Lower Upper
77 100
182 95.8 12.0 52.0#
105 164.5 3.6 43.6#
51 36.3 6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.889 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP025215.D
Acq: 22 Jul 2025 15:17

Tgt Ion:188 Resp: 4896563
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.0 7.3 10.9



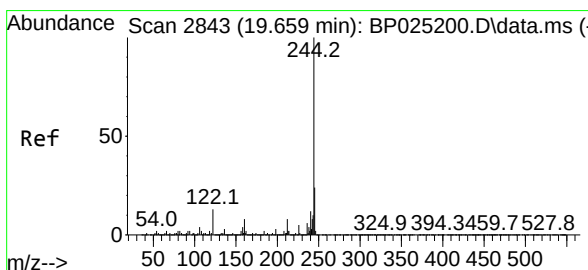
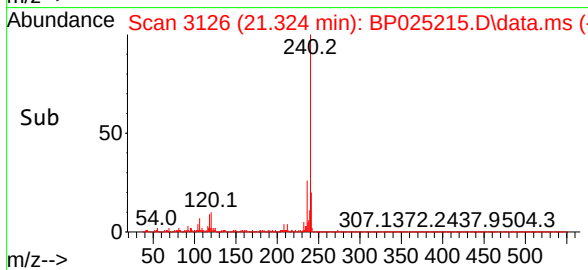
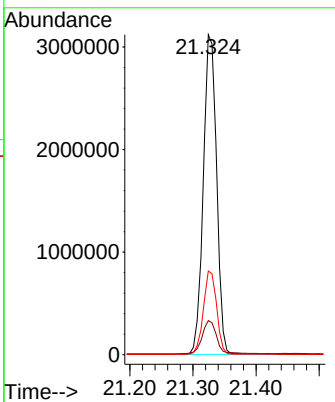
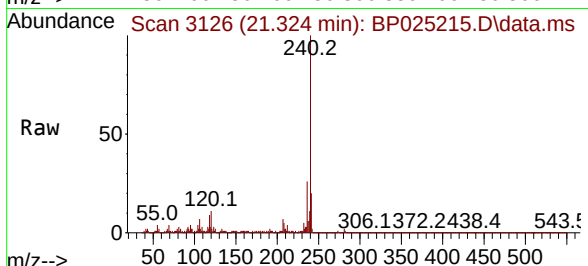


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.324 min Scan# 3126
 Delta R.T. 0.000 min
 Lab File: BP025215.D
 Acq: 22 Jul 2025 15:17

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:240 Resp: 4545748

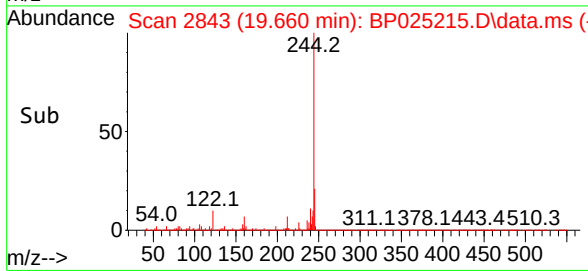
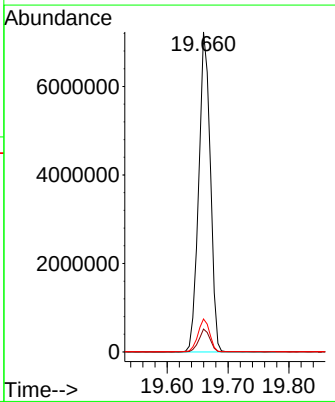
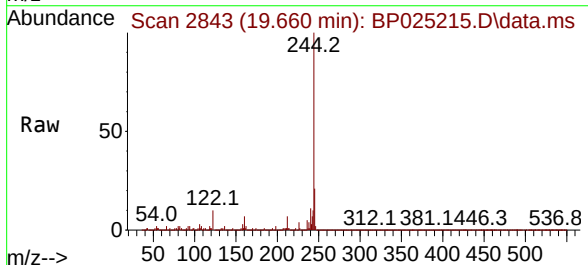
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	26.1	20.9	31.3

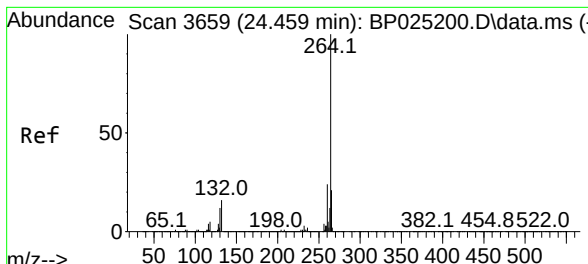


#79
 Terphenyl-d14
 Concen: 41.593 ng
 RT: 19.660 min Scan# 2843
 Delta R.T. 0.001 min
 Lab File: BP025215.D
 Acq: 22 Jul 2025 15:17

Tgt Ion:244 Resp: 9578036

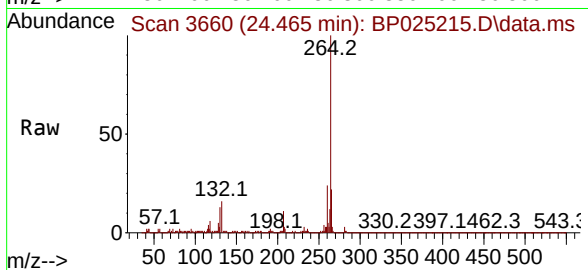
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	9.8
122	10.3	10.3	15.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.465 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP025215.D
 Acq: 22 Jul 2025 15:17

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion: 264 Resp: 5283294

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.3	17.5	26.3

