

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037777.D
 Acq On : 18 Sep 2025 15:10
 Operator : RC/JU
 Sample : PB169693BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169693BL

Quant Time: Sep 18 15:49:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6667	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17045	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7049	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11652	0.400	ng	0.00
29) Chrysene-d12	21.411	240	9221	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	9002	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5270	0.344	ng	0.00
5) Phenol-d6	6.988	99	6284	0.317	ng	0.00
8) Nitrobenzene-d5	8.982	82	4777	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7427	0.329	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	384	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	11632	0.395	ng	0.00
27) Fluoranthene-d10	19.267	212	9319	0.319	ng	0.00
31) Terphenyl-d14	19.866	244	6747	0.361	ng	0.00

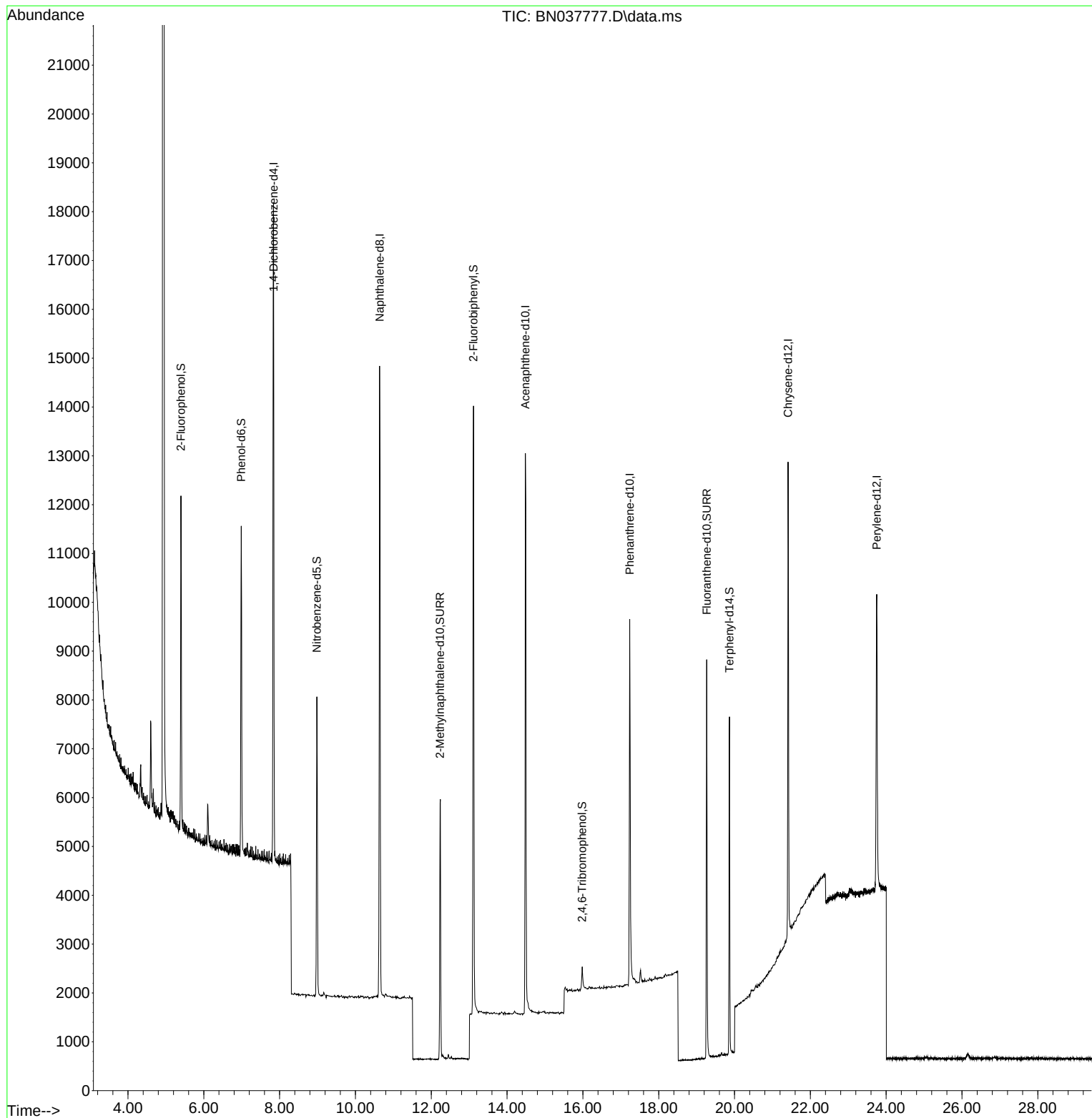
Target Compounds Qvalue

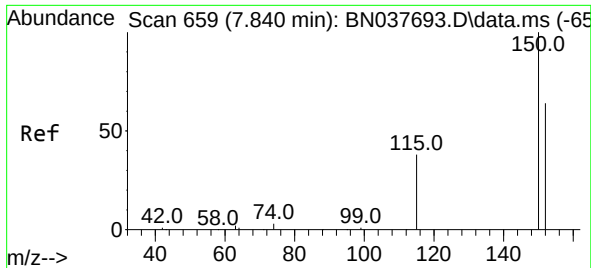
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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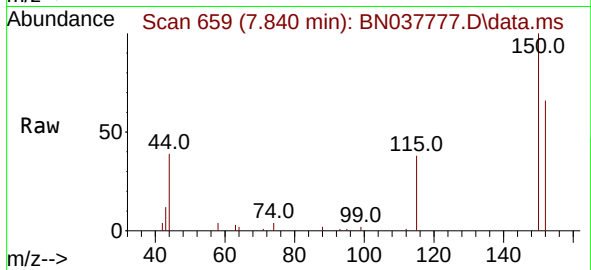
Quant Time: Sep 18 15:49:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





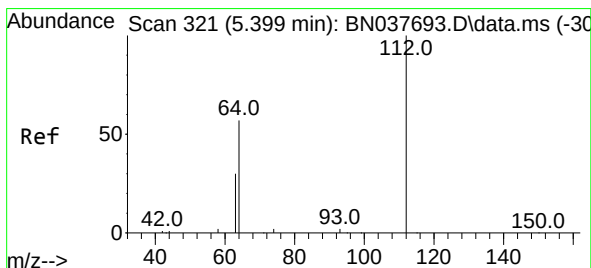
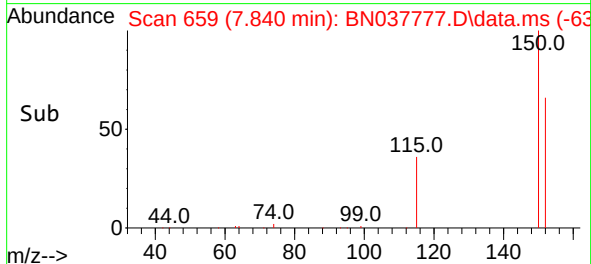
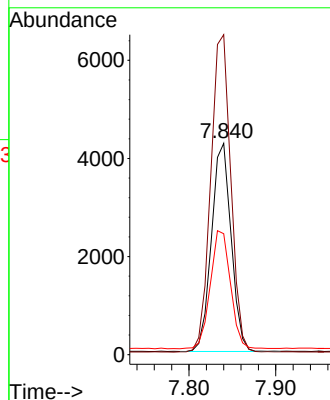
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 659
 Delta R.T. 0.000 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Instrument :
 BNA_N
 ClientSampleId :
 PB169693BL



Tgt Ion:152 Resp: 6667

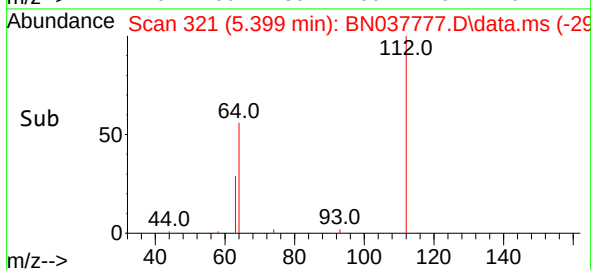
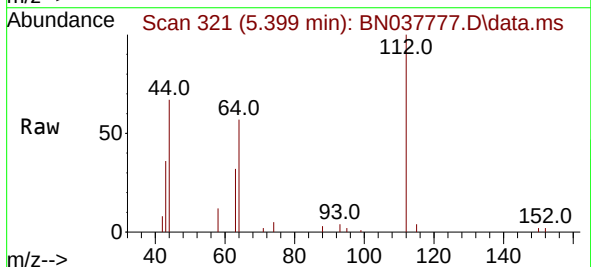
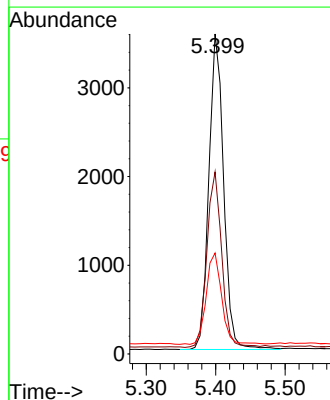
Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.5	186.7
115	57.2	49.2	73.8

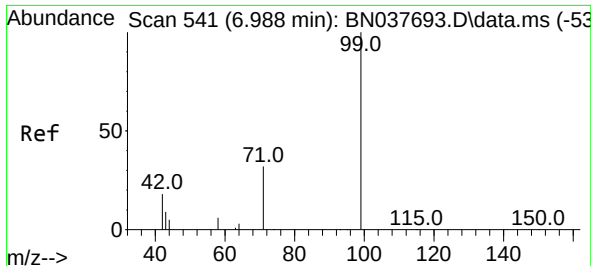


#4
 2-Fluorophenol
 Concen: 0.344 ng
 RT: 5.399 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Tgt Ion:112 Resp: 5270

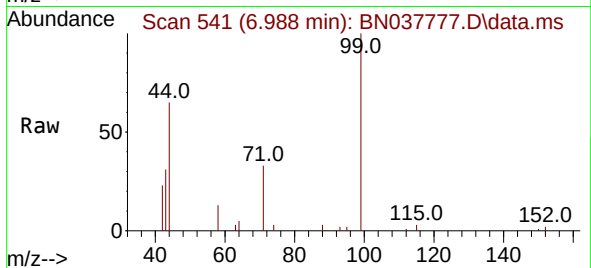
Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.9	67.3
63	30.1	24.7	37.1



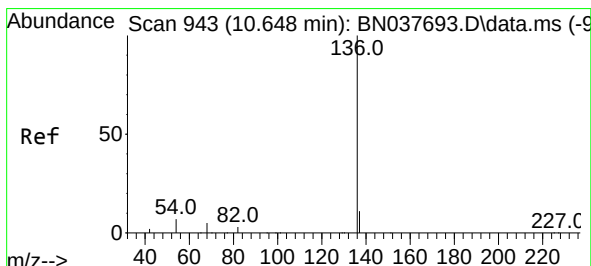
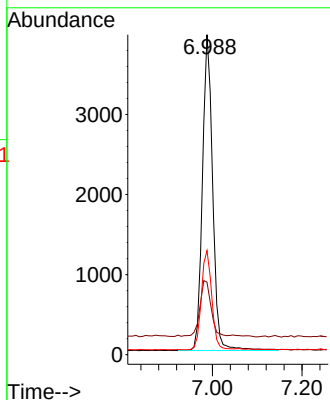
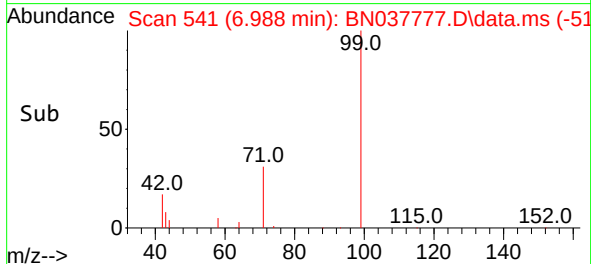


#5
Phenol-d6
Concen: 0.317 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

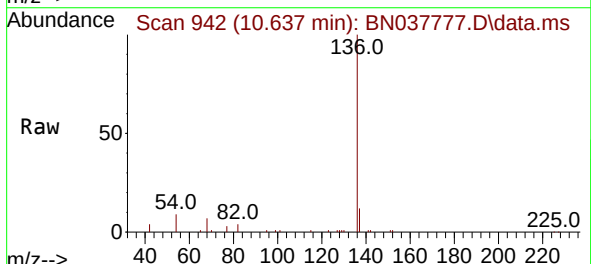
Instrument :
BNA_N
ClientSampleId :
PB169693BL



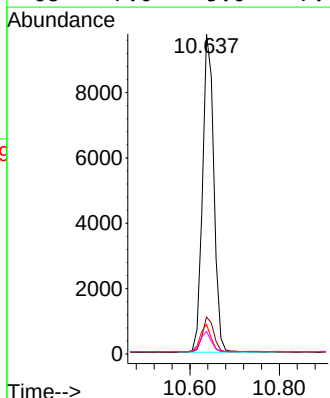
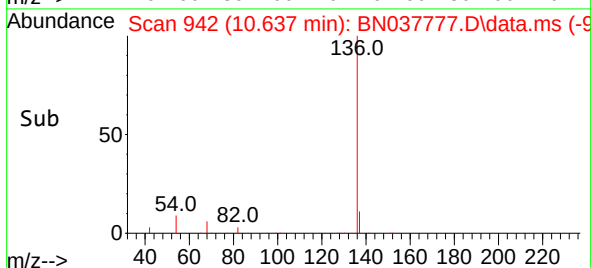
Tgt Ion:	99	Resp:	6284
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.6	24.8
71	31.6	26.7	40.1

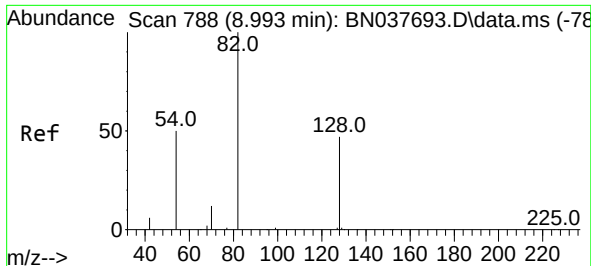


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10



Tgt Ion:	136	Resp:	17045
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.3	6.3	9.5
68	7.0	5.0	7.4

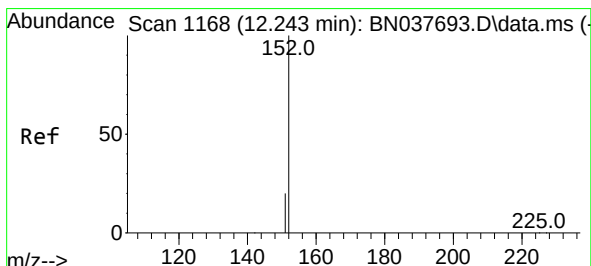
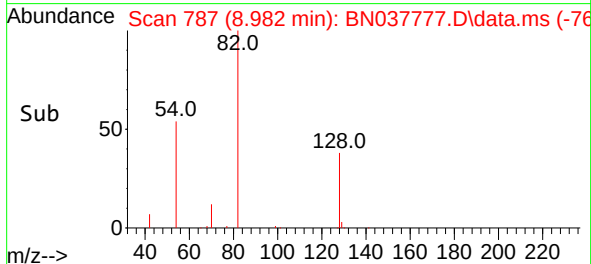
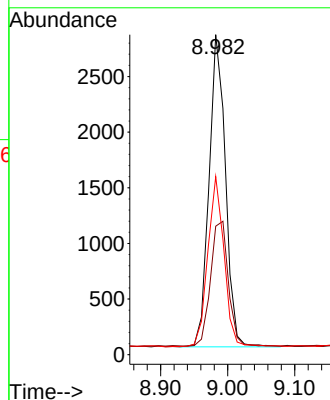
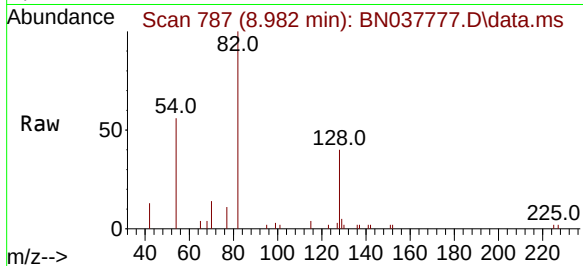




#8
 Nitrobenzene-d5
 Concen: 0.383 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

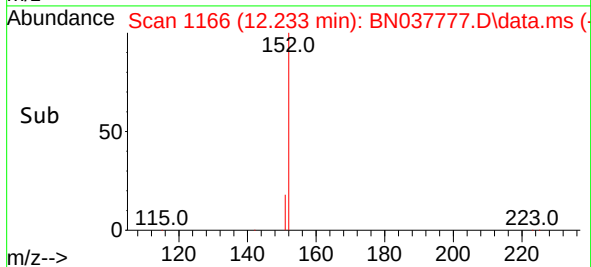
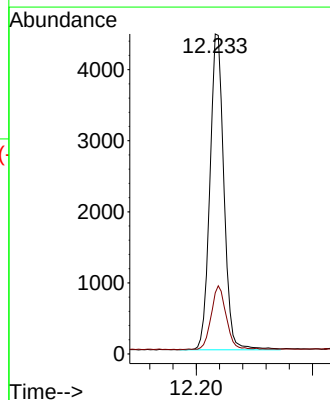
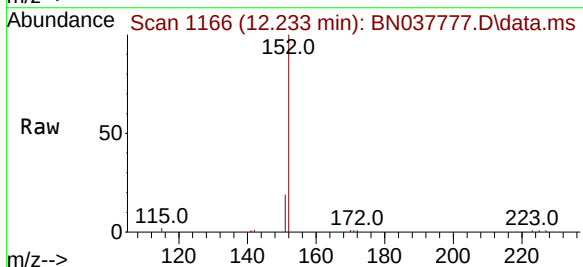
Instrument :
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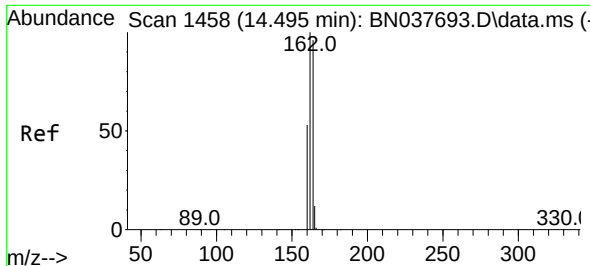
Tgt Ion: 82 Resp: 4777
 Ion Ratio Lower Upper
 82 100
 128 40.2 38.3 57.5
 54 55.6 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.329 ng
 RT: 12.233 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Tgt Ion: 152 Resp: 7427
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.0 25.6

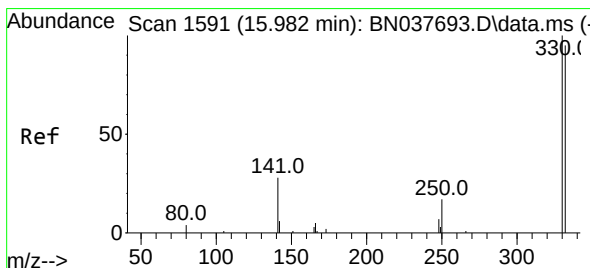
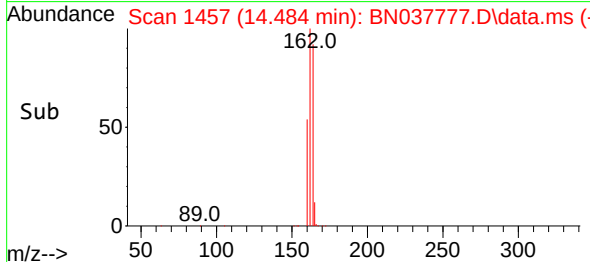
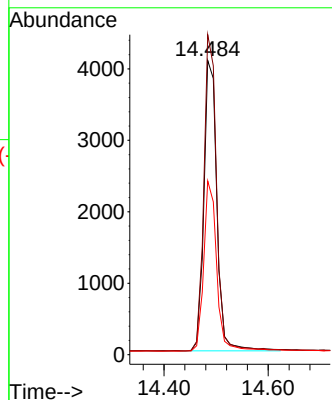
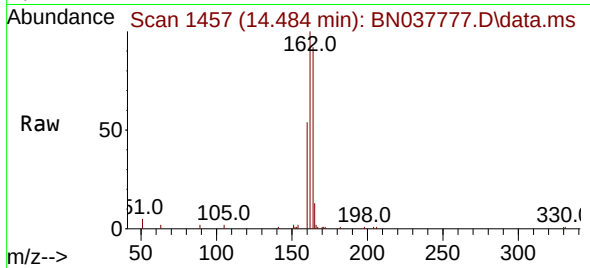




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

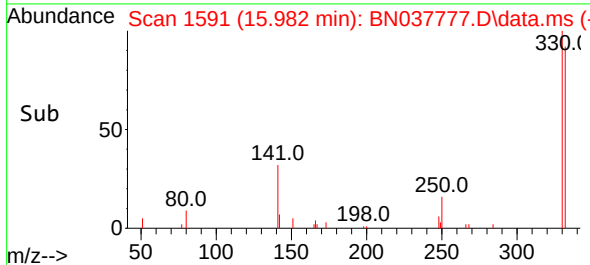
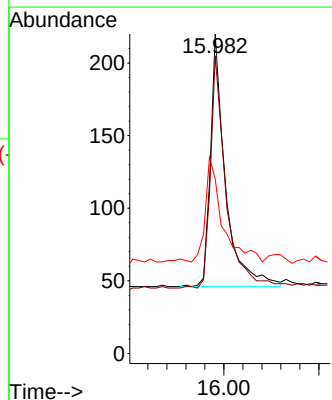
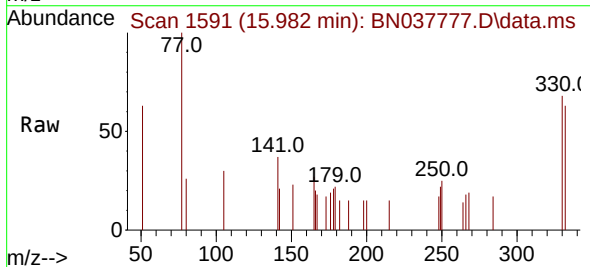
Instrument :
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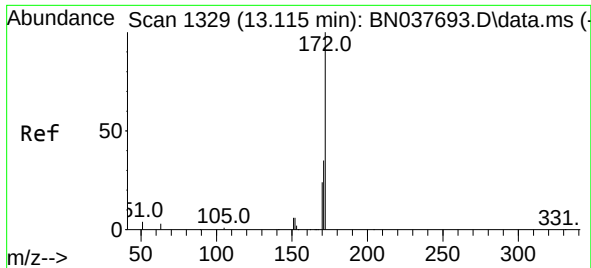
Tgt Ion:164 Resp: 7049
 Ion Ratio Lower Upper
 164 100
 162 108.8 83.1 124.7
 160 59.1 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.209 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Tgt Ion:330 Resp: 384
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.3 112.9
 141 46.1 35.0 52.4

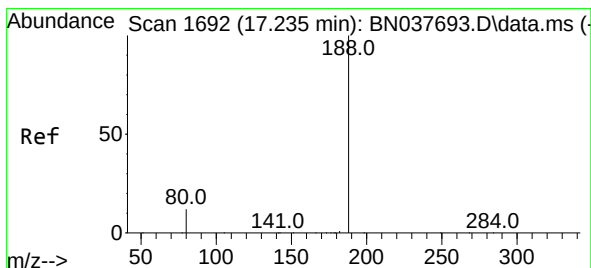
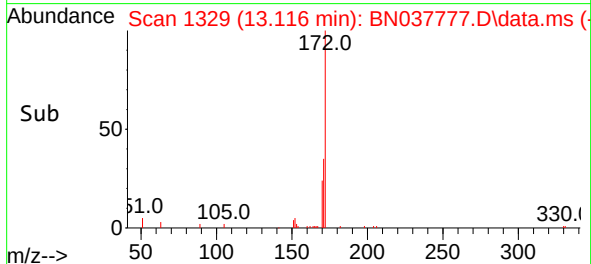
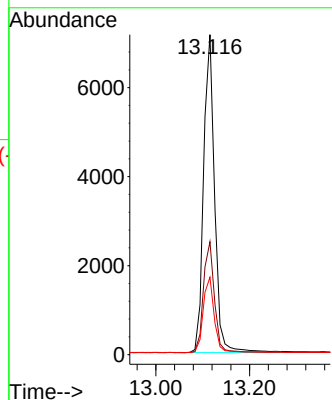
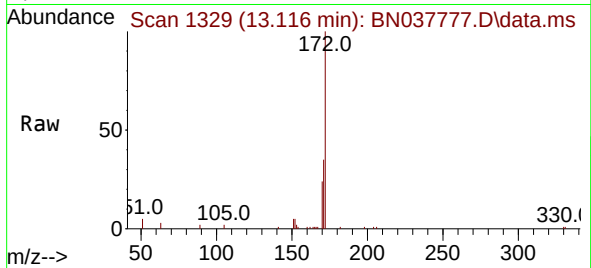




#15
 2-Fluorobiphenyl
 Concen: 0.395 ng
 RT: 13.116 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

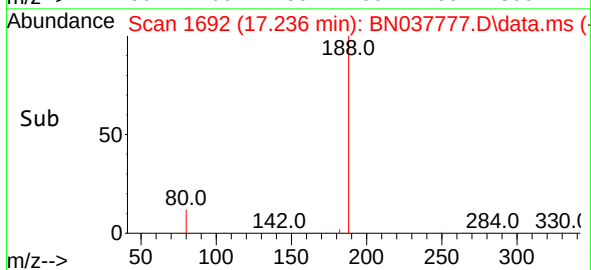
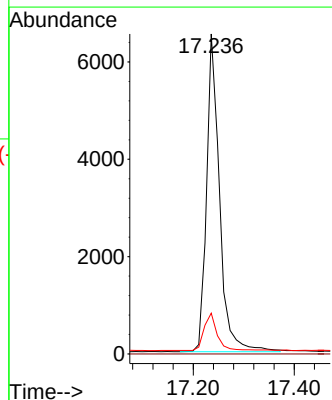
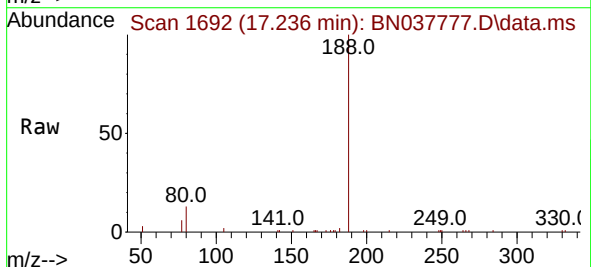
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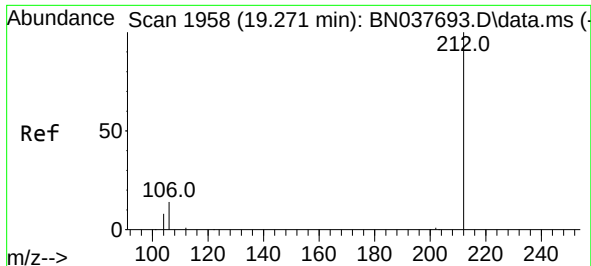
Tgt Ion:172 Resp: 11632
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 24.2 19.8 29.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.236 min Scan# 1692
 Delta R.T. 0.000 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Tgt Ion:188 Resp: 11652
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.7 10.6 15.8

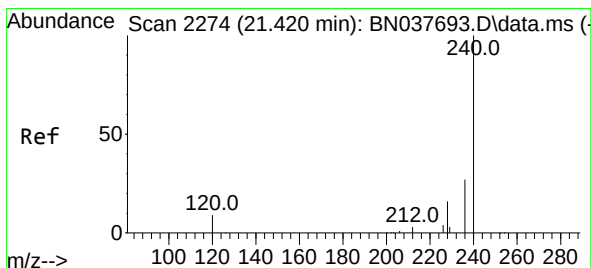
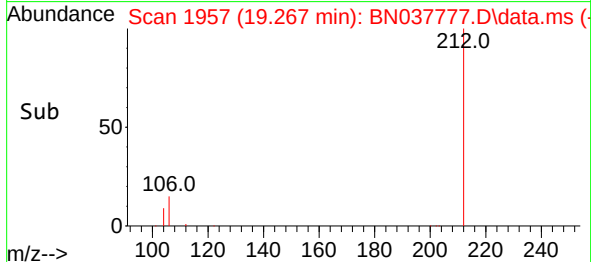
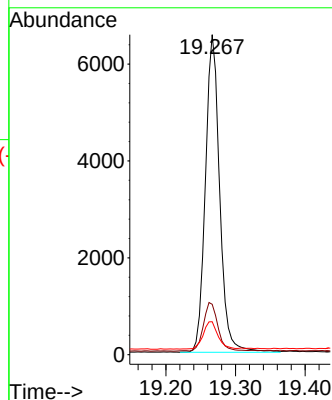
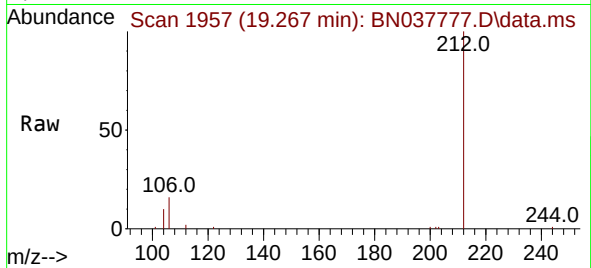




#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

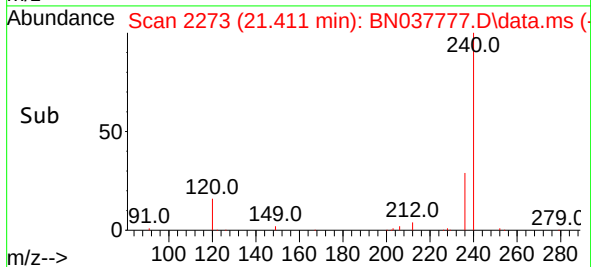
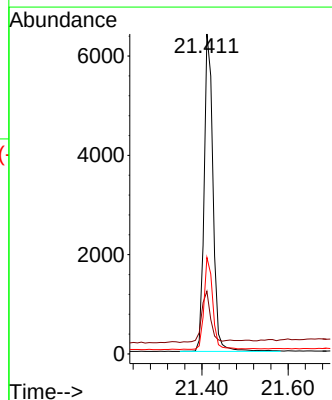
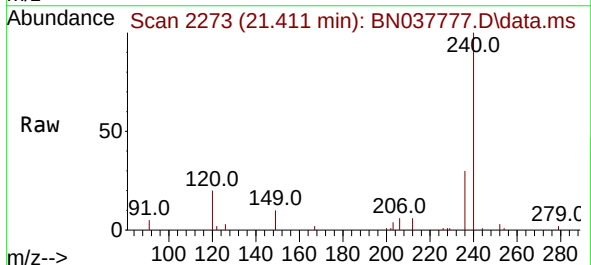
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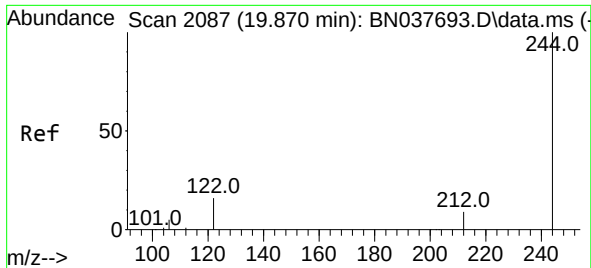
Tgt Ion:212 Resp: 9319
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 8.9 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037777.D
Acq: 18 Sep 2025 15:10

Tgt Ion:240 Resp: 9221
Ion Ratio Lower Upper
240 100
120 19.6 9.2 13.8#
236 30.1 22.6 33.8

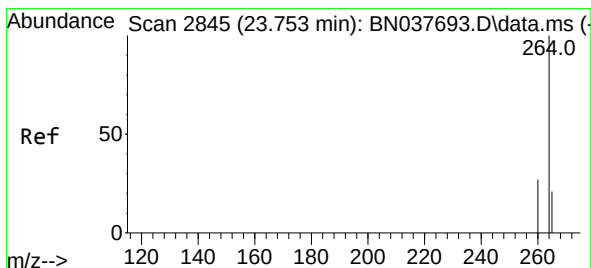
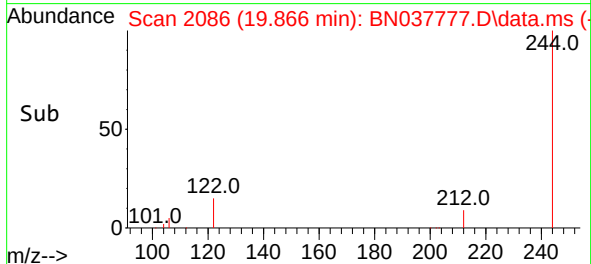
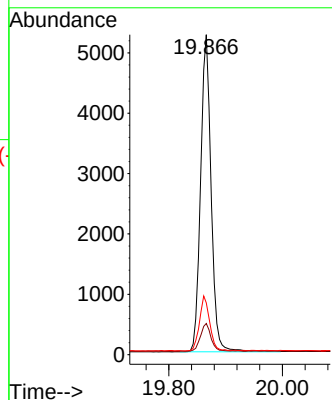
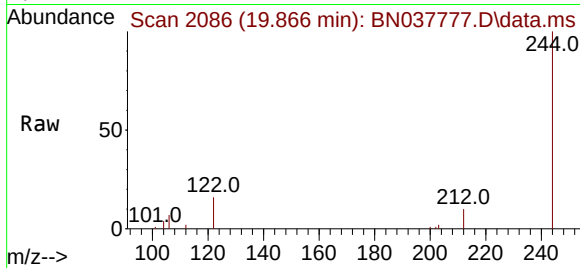




#31
 Terphenyl-d14
 Concen: 0.361 ng
 RT: 19.866 min Scan# 2086
 Delta R.T. -0.005 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Instrument :
 BNA_N
 ClientSampleId :
 PB169693BL

Tgt Ion:244 Resp: 6747
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.5 11.3
 122 16.2 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 2844
 Delta R.T. -0.003 min
 Lab File: BN037777.D
 Acq: 18 Sep 2025 15:10

Tgt Ion:264 Resp: 9002
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 83.6 39.4 59.2#

