

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037796.D
 Acq On : 19 Sep 2025 03:24
 Operator : RC/JU
 Sample : PB169692BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169692BL

Quant Time: Sep 19 04:36:06 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	7.833	152	7701	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18665	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7806	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	12511	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10022	0.400	ng	0.00
35) Perylene-d12	23.739	264	10278	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5446	0.308	ng	0.00
5) Phenol-d6	6.988	99	6827	0.298	ng	0.00
8) Nitrobenzene-d5	8.982	82	5277	0.387	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	7773	0.314	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	380	0.187	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11980	0.367	ng	-0.01
27) Fluoranthene-d10	19.262	212	9482	0.302	ng	0.00
31) Terphenyl-d14	19.861	244	6849	0.337	ng	0.00

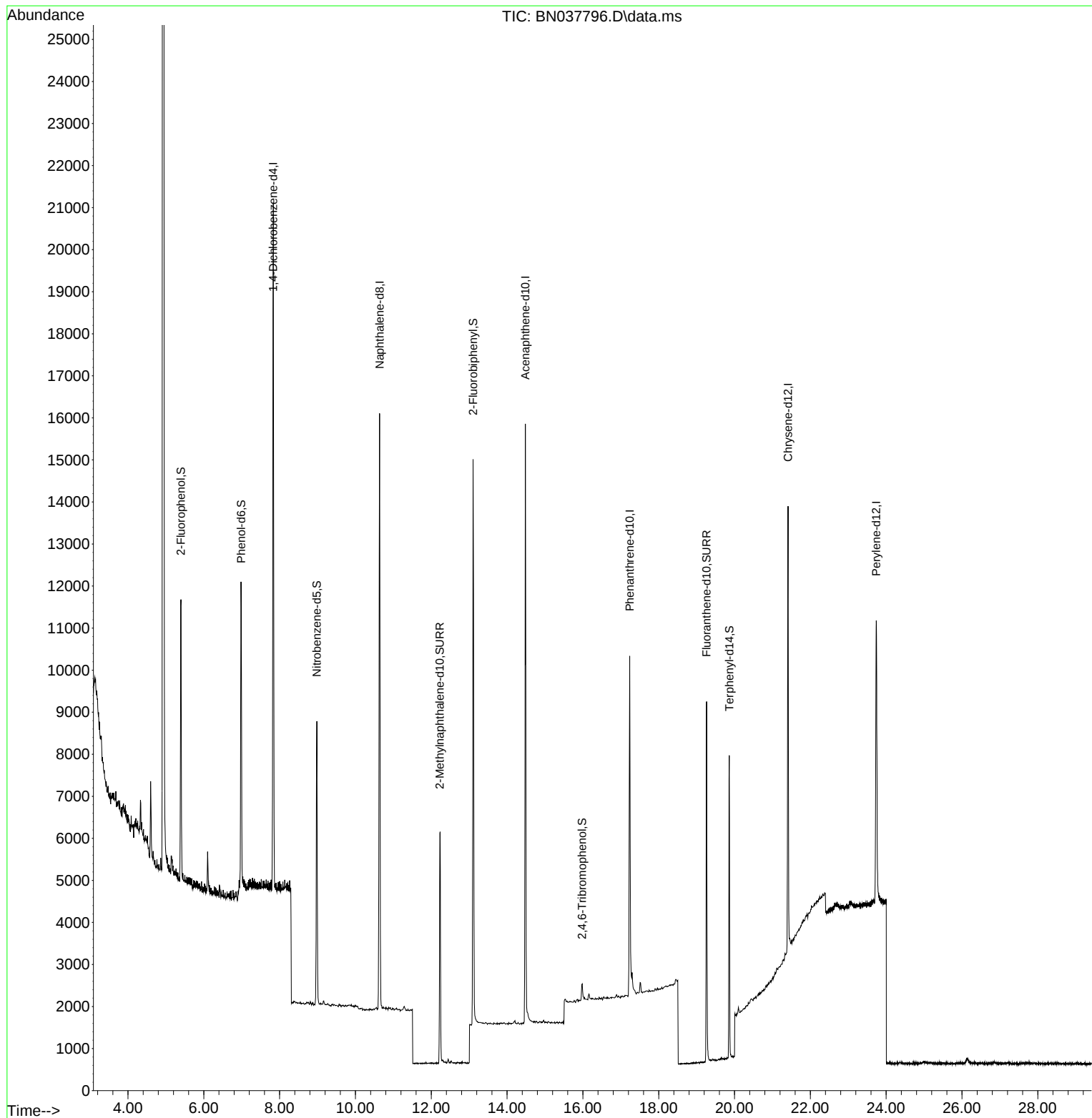
Target Compounds Qvalue

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

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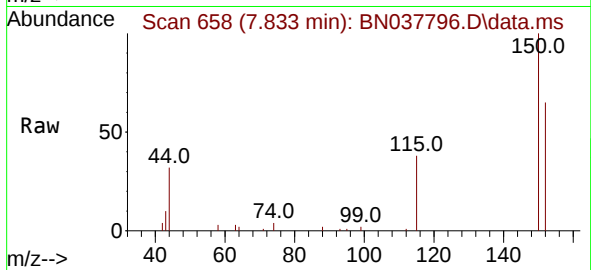
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
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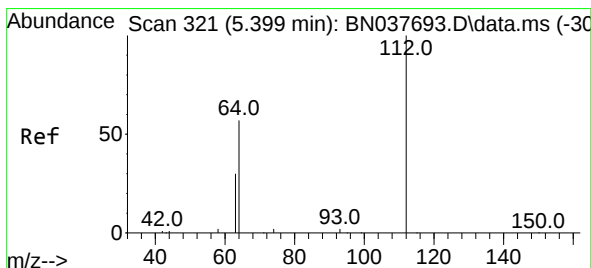
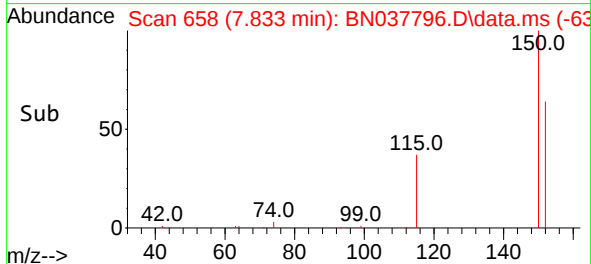
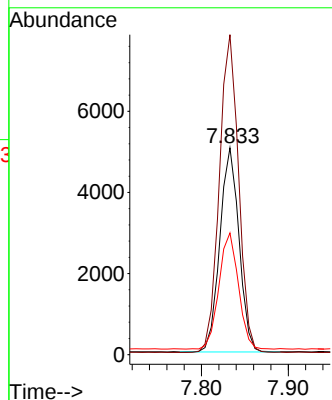


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Instrument :
BNA_N
ClientSampleId :
PB169692BL

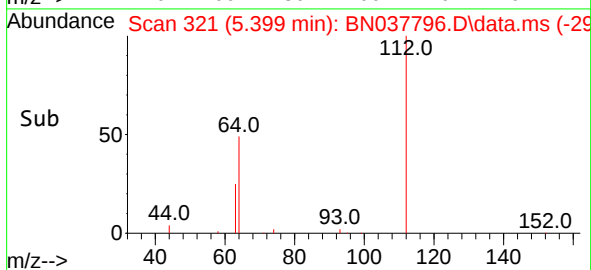
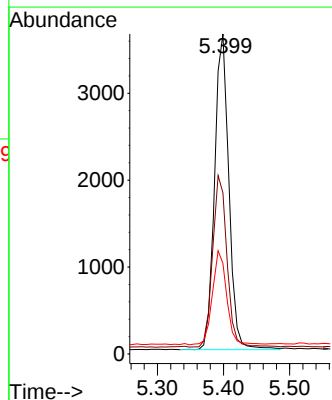
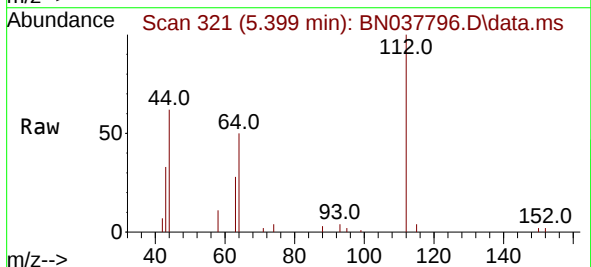


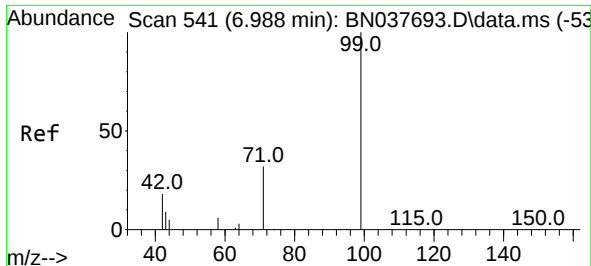
Tgt Ion:152 Resp: 7701
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 58.8 49.2 73.8



#4
2-Fluorophenol
Concen: 0.308 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Tgt Ion:112 Resp: 5446
Ion Ratio Lower Upper
112 100
64 54.6 44.9 67.3
63 29.7 24.7 37.1

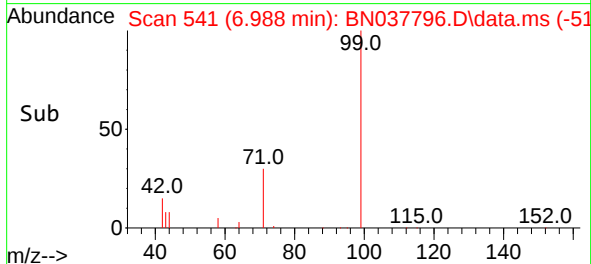
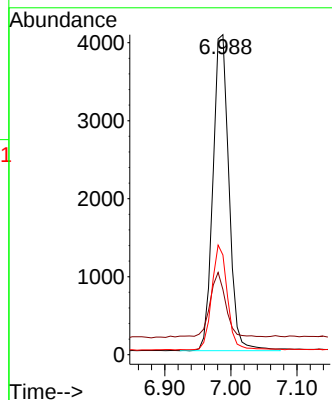
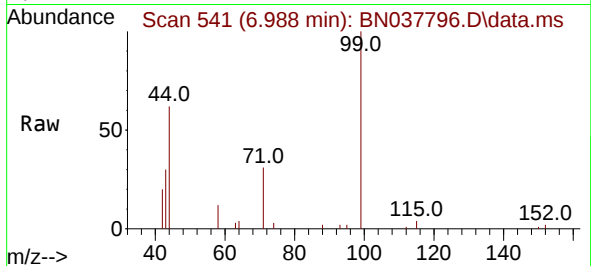




#5
Phenol-d6
Concen: 0.298 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

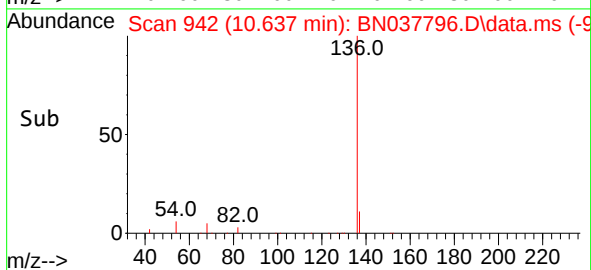
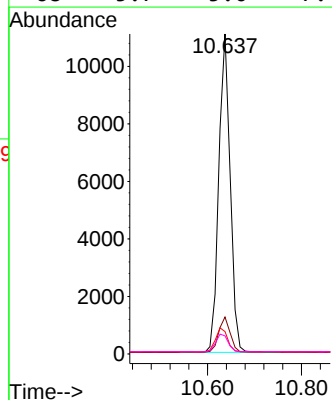
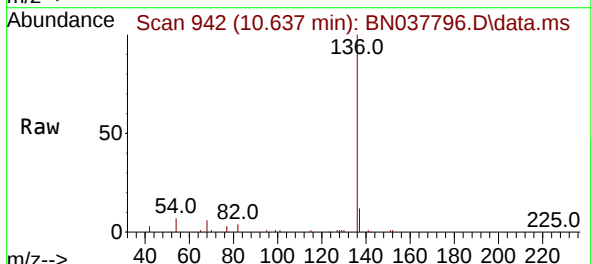
Instrument :
BNA_N
ClientSampleId :
PB169692BL

Tgt Ion: 99 Resp: 6827
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 32.5 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: BN037796.D
Acq: 19 Sep 2025 03:24

Tgt Ion: 136 Resp: 18665
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.0 6.3 9.5
68 5.7 5.0 7.4

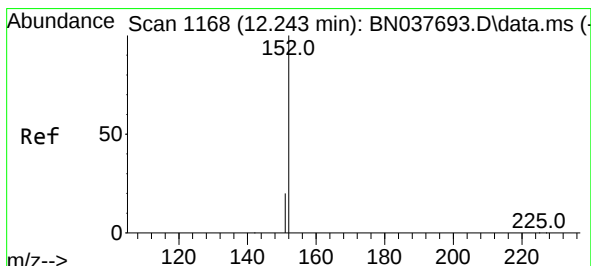
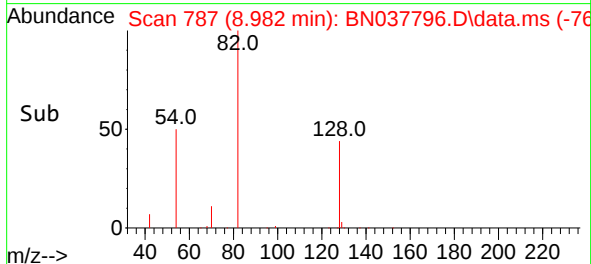
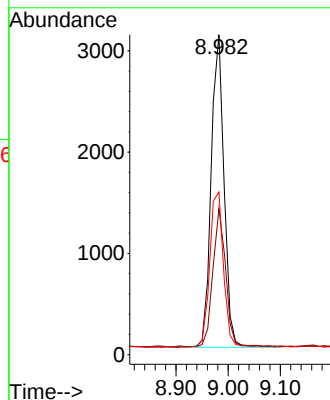
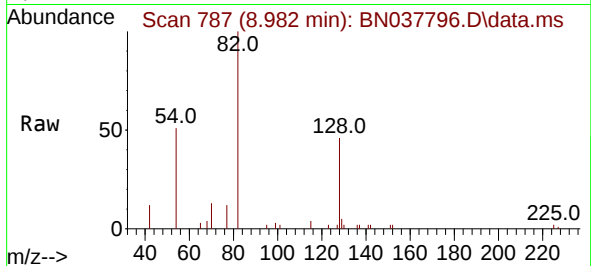




#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.982 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

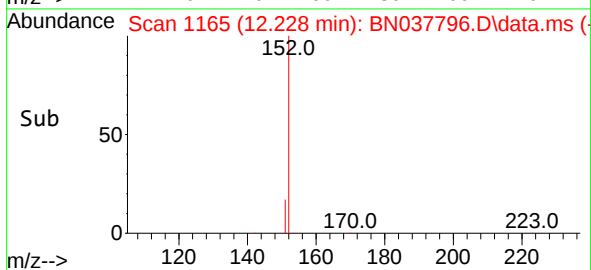
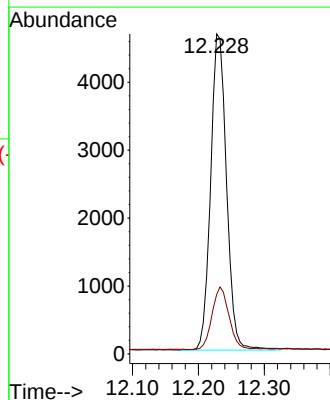
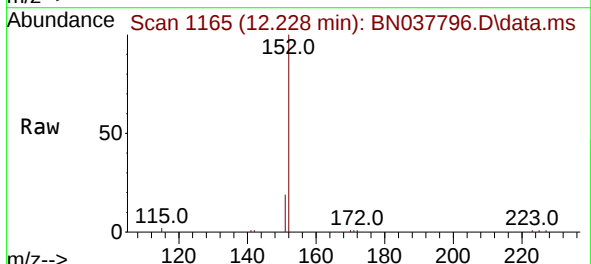
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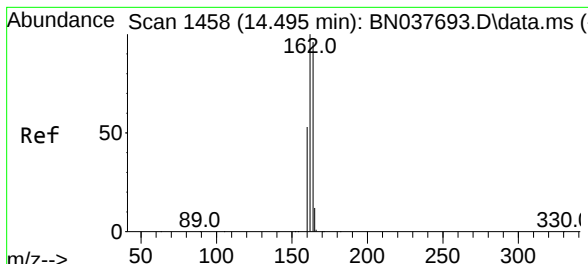
Tgt Ion: 82 Resp: 5277
Ion Ratio Lower Upper
82 100
128 45.6 38.3 57.5
54 50.8 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Tgt Ion: 152 Resp: 7773
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6

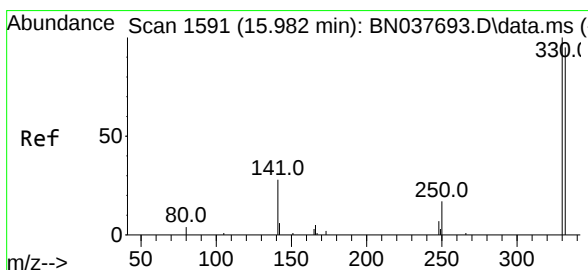
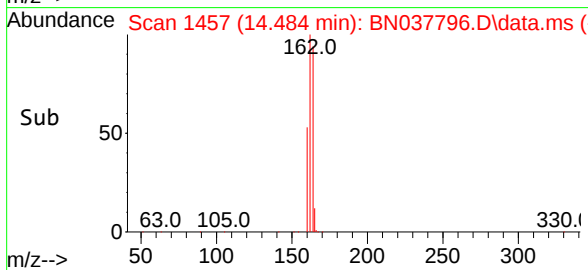
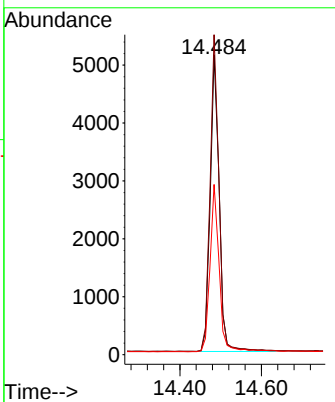
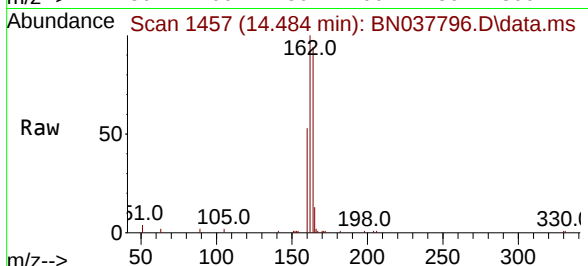




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037796.D
 Acq: 19 Sep 2025 03:24

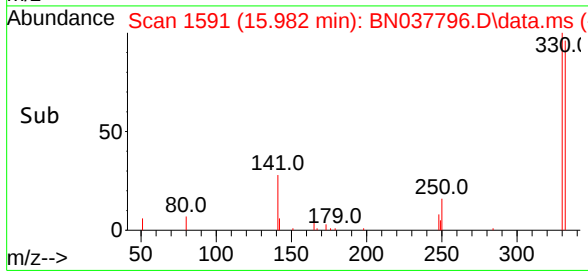
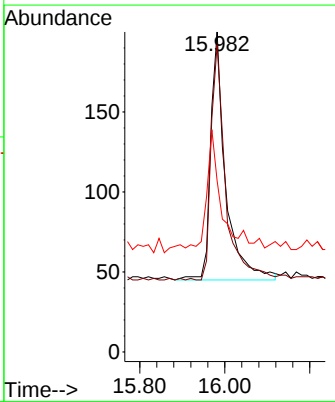
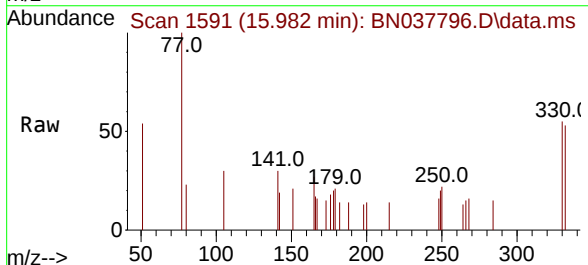
Instrument :
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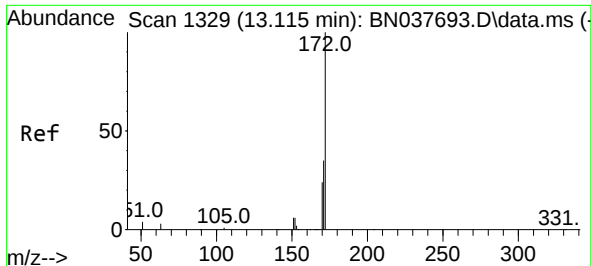
Tgt Ion:	164	Resp:	7806
Ion Ratio	Lower	Upper	
164	100		
162	106.6	83.1	124.7
160	56.7	44.3	66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.187 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037796.D
 Acq: 19 Sep 2025 03:24

Tgt Ion:	330	Resp:	380
Ion Ratio	Lower	Upper	
330	100		
332	91.6	75.3	112.9
141	47.4	35.0	52.4

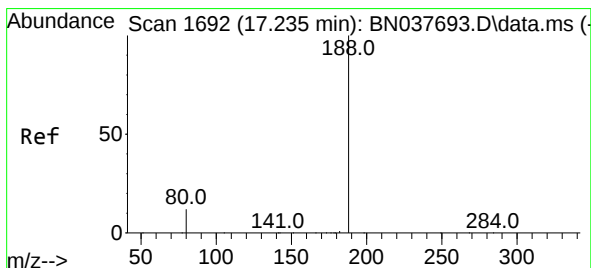
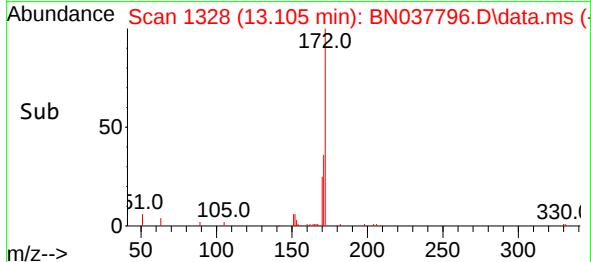
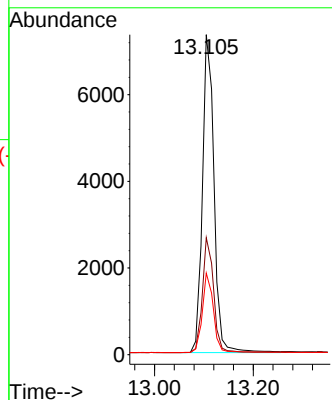
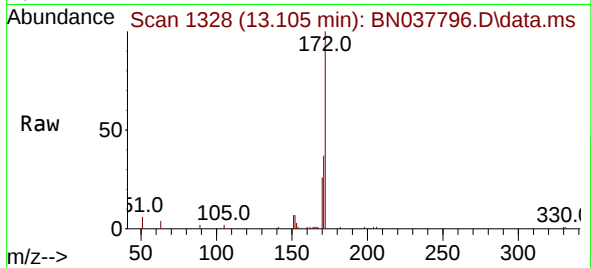




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

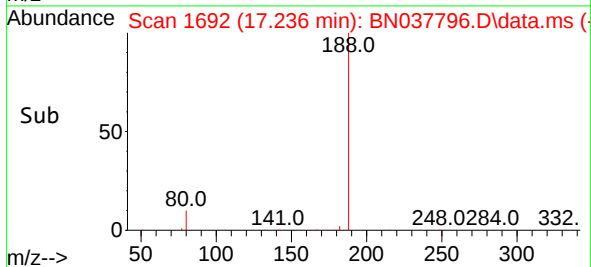
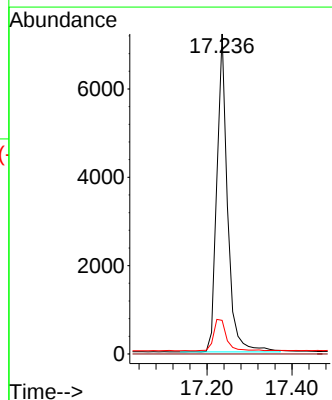
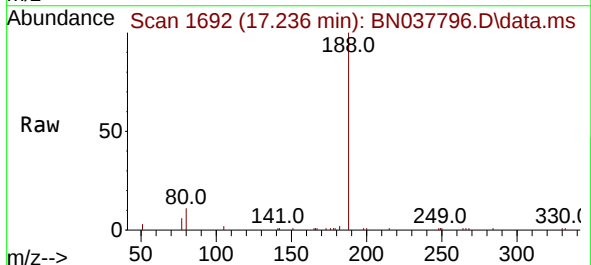
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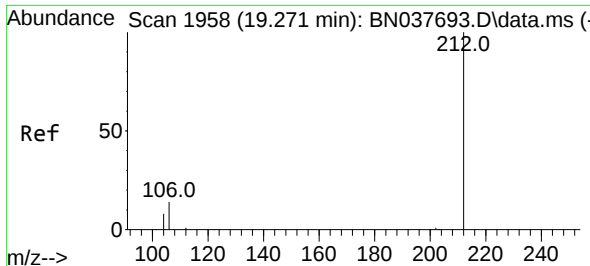
Tgt Ion:172 Resp: 11980
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.5 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Tgt Ion:188 Resp: 12511
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 10.6 15.8#

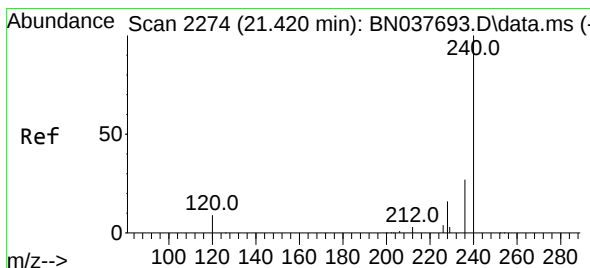
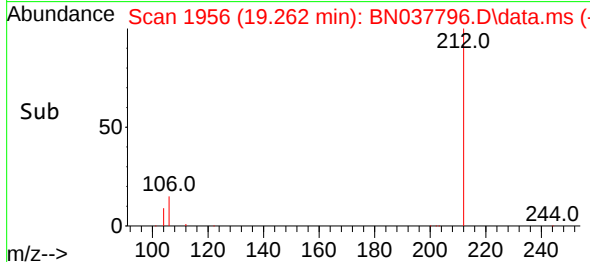
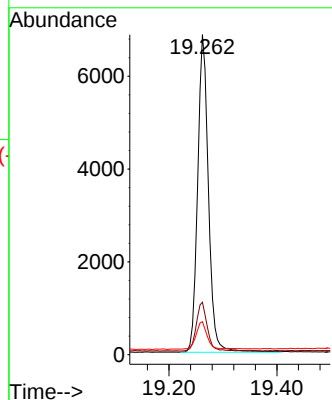
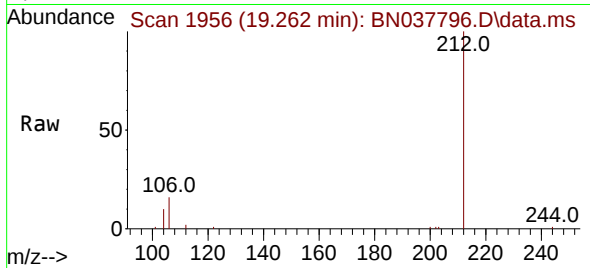




#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

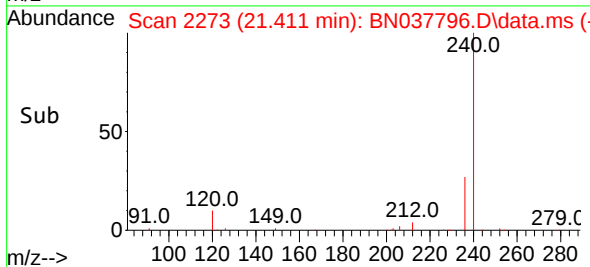
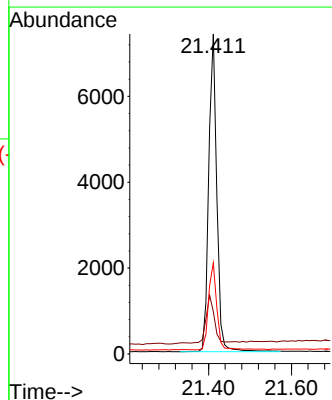
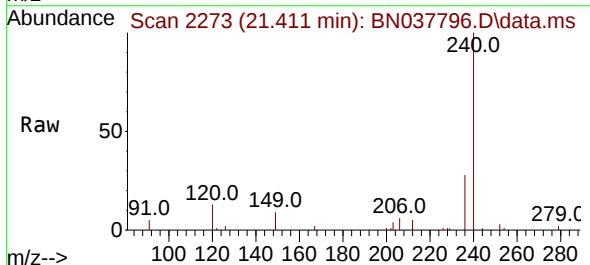
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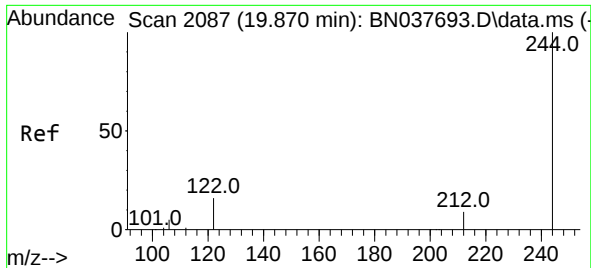
Tgt Ion:212 Resp: 9482
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.2
104 8.5 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Tgt Ion:240 Resp: 10022
Ion Ratio Lower Upper
240 100
120 13.3 9.2 13.8
236 28.4 22.6 33.8

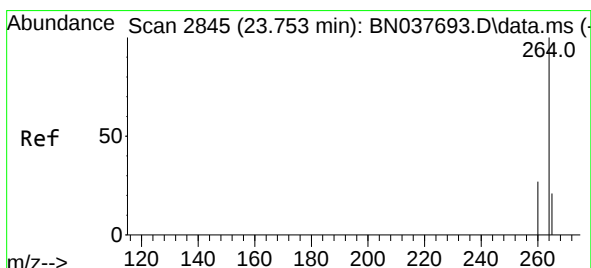
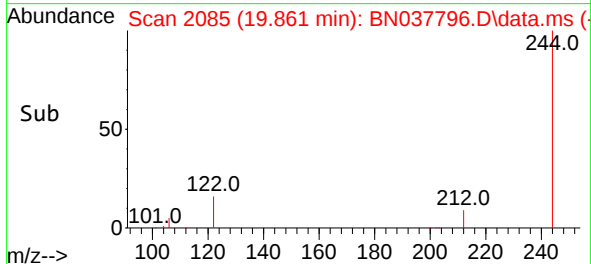
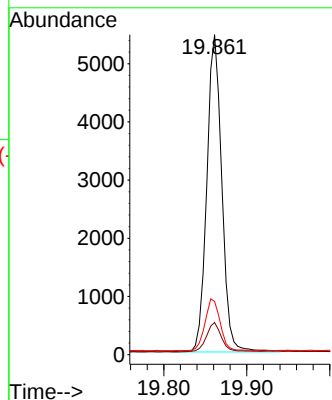
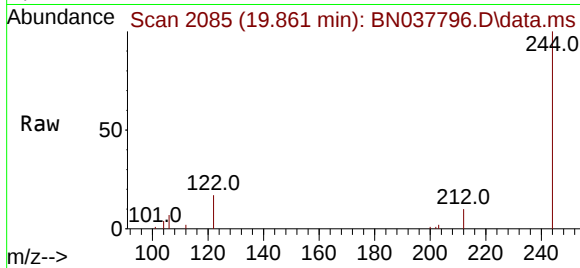




#31
Terphenyl-d14
Concen: 0.337 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Instrument :
BNA_N
ClientSampleId :
PB169692BL

Tgt Ion:244 Resp: 6849
Ion Ratio Lower Upper
244 100
212 10.1 7.5 11.3
122 16.6 13.2 19.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.739 min Scan# 2840
Delta R.T. -0.015 min
Lab File: BN037796.D
Acq: 19 Sep 2025 03:24

Tgt Ion:264 Resp: 10278
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 82.4 39.4 59.2#

