

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038399.D
 Acq On : 15 Dec 2025 11:30
 Operator : RC/JU
 Sample : PB170917BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

Quant Time: Dec 15 18:29:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	6207	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	16405	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	8349	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	13597	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	10941	0.400	ng	0.00
35) Perylene-d12	23.619	264	12312	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	5522	0.357	ng	0.00
5) Phenol-d6	6.879	99	6224	0.339	ng	0.00
8) Nitrobenzene-d5	8.865	82	5251	0.379	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	7998	0.346	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	638	0.172	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	16755	0.417	ng	0.00
27) Fluoranthene-d10	19.178	212	11804	0.351	ng	0.00
31) Terphenyl-d14	19.777	244	9379	0.384	ng	-0.01

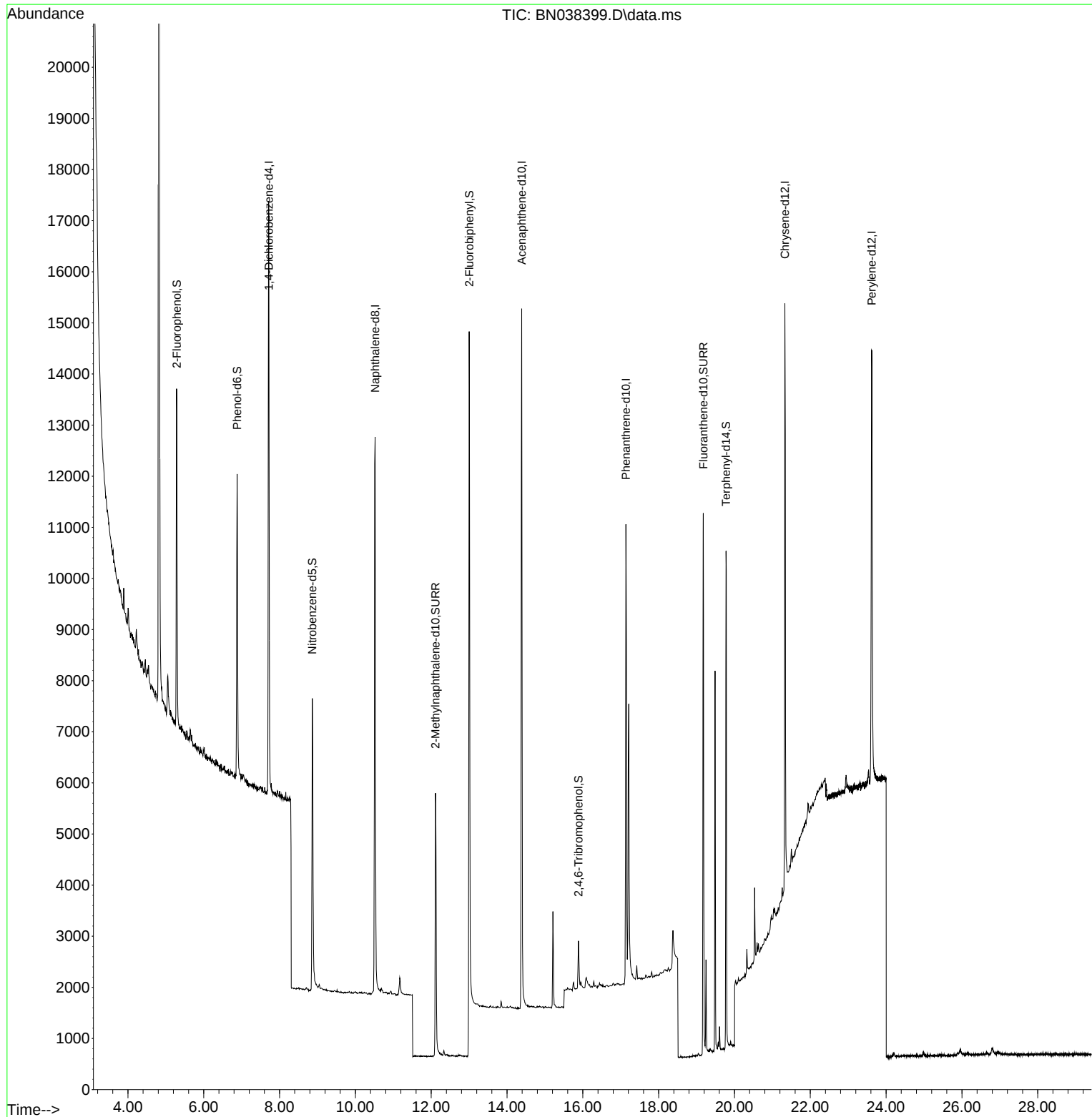
Target Compounds	Qvalue

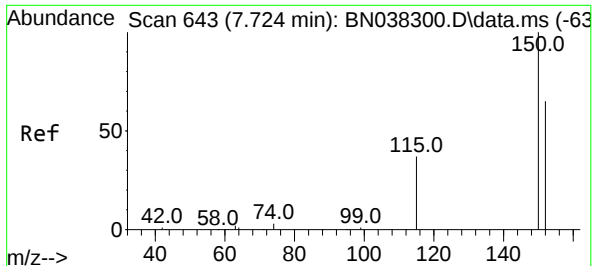
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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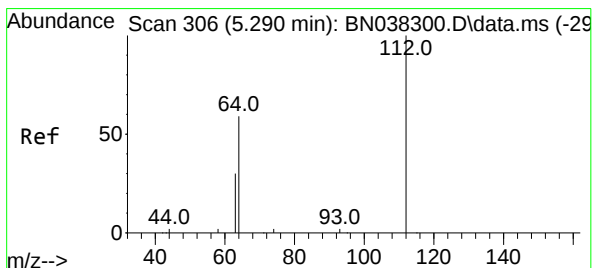
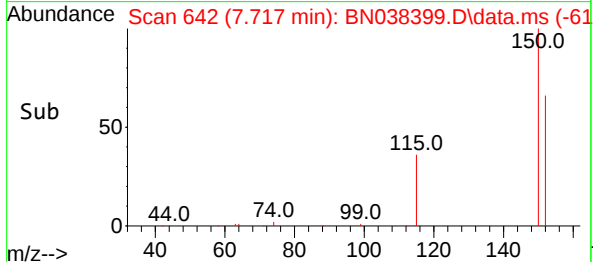
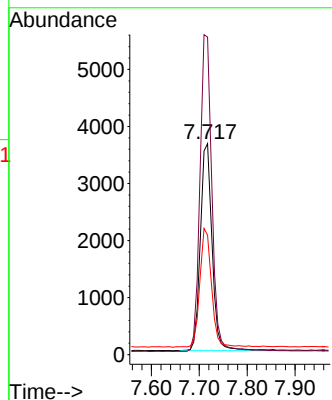
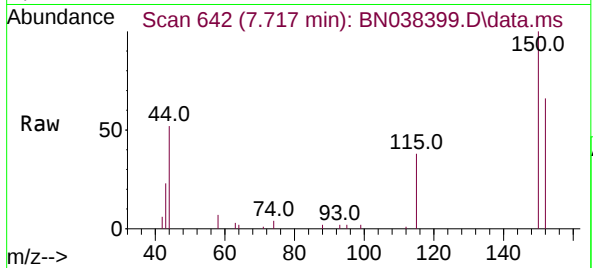




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN038399.D
 Acq: 15 Dec 2025 11:30

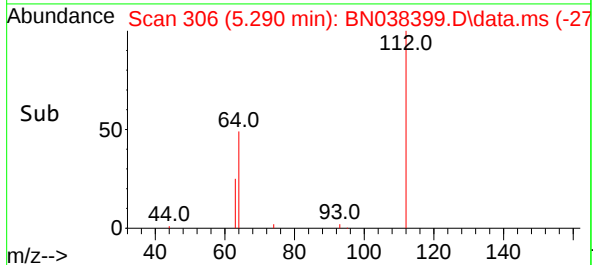
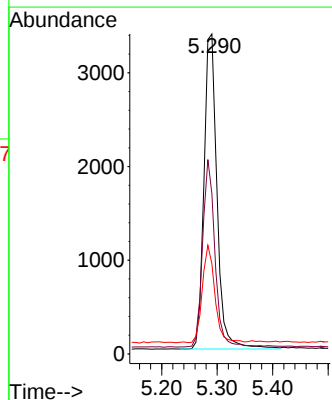
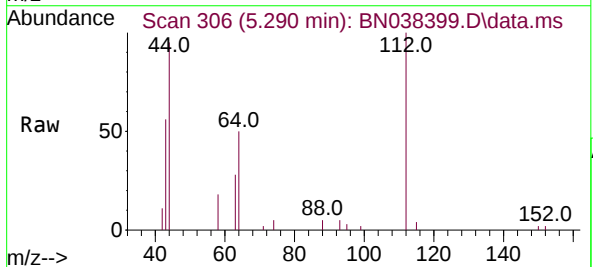
Instrument :
 BNA_N
 ClientSampleId :
 PB170917BL

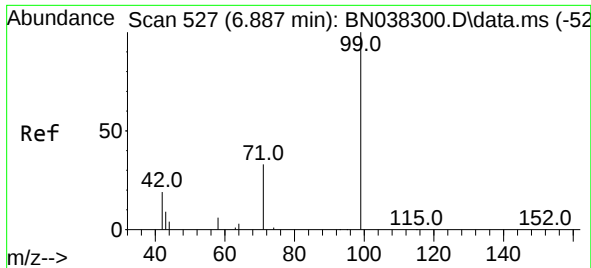
Tgt Ion:152 Resp: 6207
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.4 183.6
 115 56.6 47.3 70.9



#4
 2-Fluorophenol
 Concen: 0.357 ng
 RT: 5.290 min Scan# 306
 Delta R.T. -0.000 min
 Lab File: BN038399.D
 Acq: 15 Dec 2025 11:30

Tgt Ion:112 Resp: 5522
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.4 66.6
 63 29.7 23.4 35.0

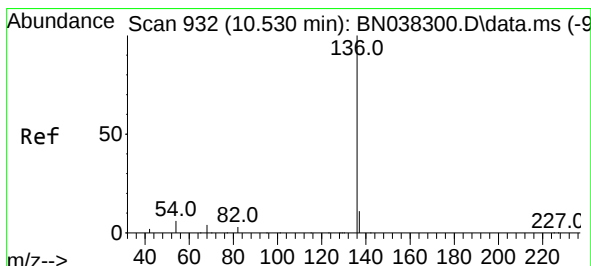
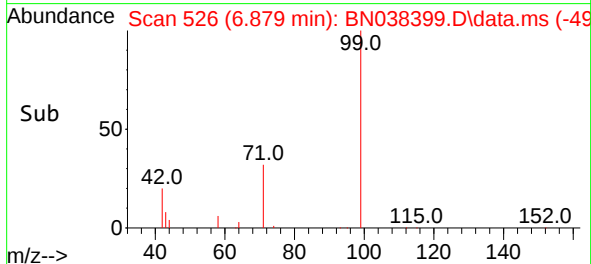
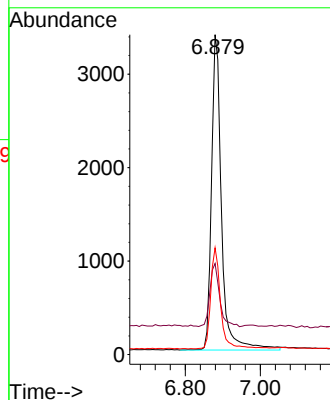
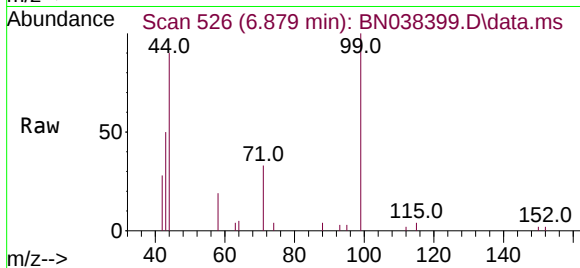




#5
Phenol-d6
Concen: 0.339 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

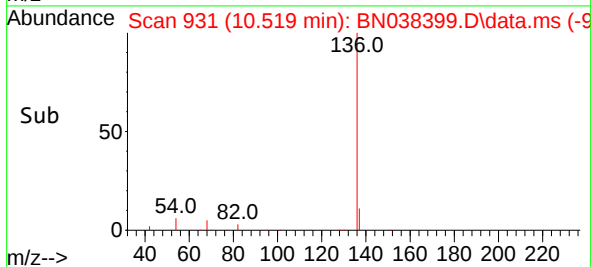
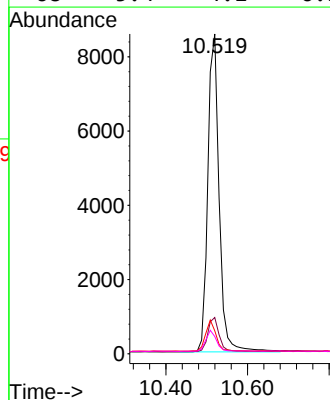
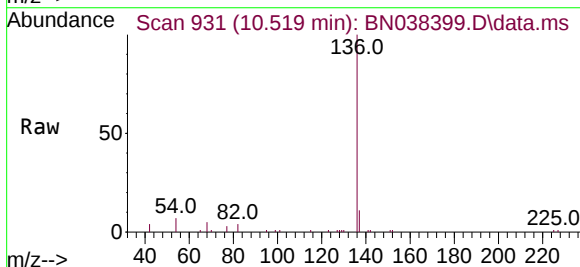
Instrument :
BNA_N
ClientSampleId :
PB170917BL

Tgt Ion:	99	Resp:	6224
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.5	24.7
71	32.2	24.9	37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

Tgt Ion:	136	Resp:	16405
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.2	5.2	7.8
68	5.4	4.1	6.1

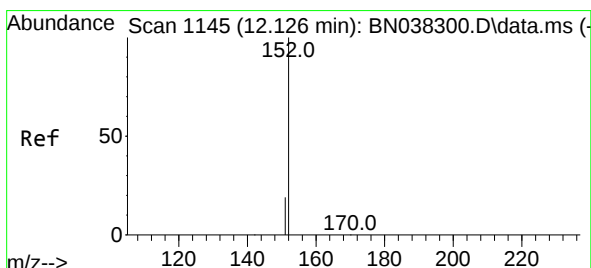
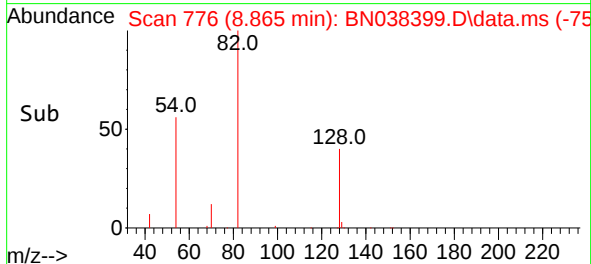
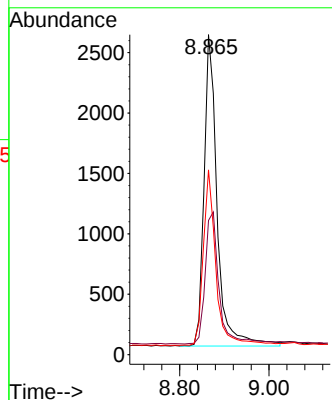
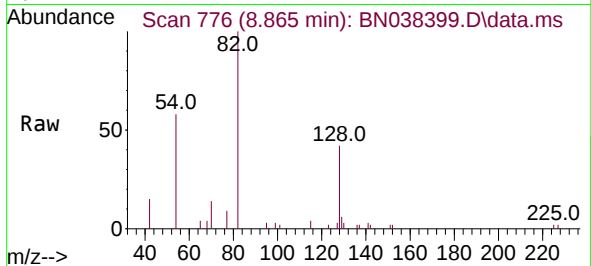




#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

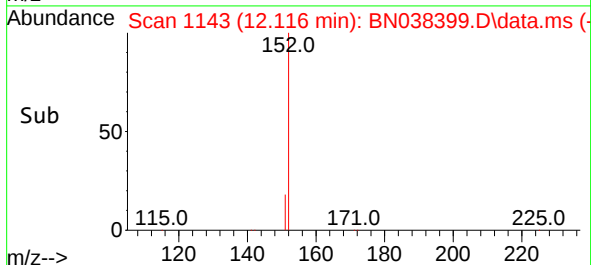
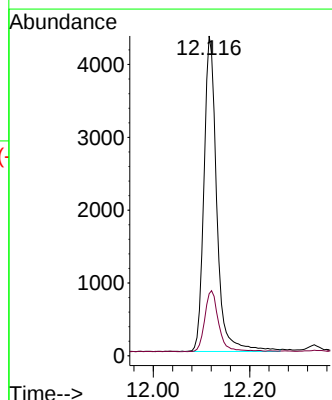
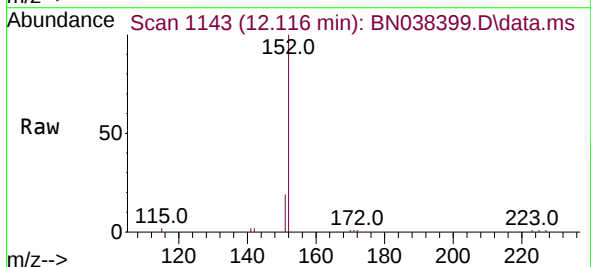
Instrument :
BNA_N
ClientSampleId :
PB170917BL

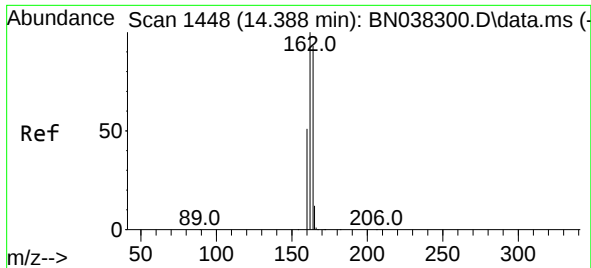
Tgt Ion: 82 Resp: 5251
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 57.7 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.116 min Scan# 1143
Delta R.T. -0.010 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

Tgt Ion: 152 Resp: 7998
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6

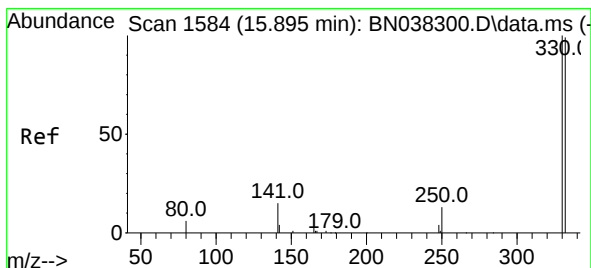
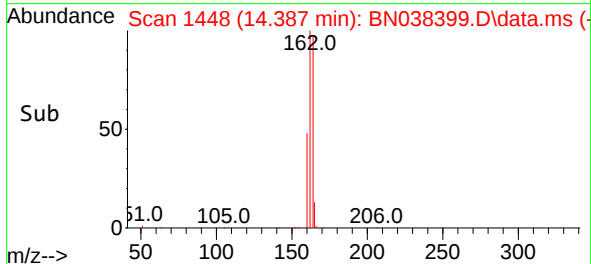
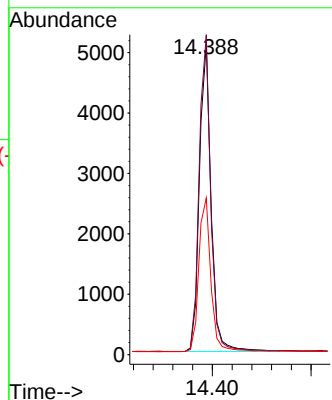
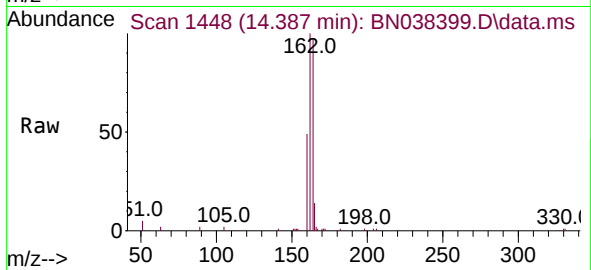




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

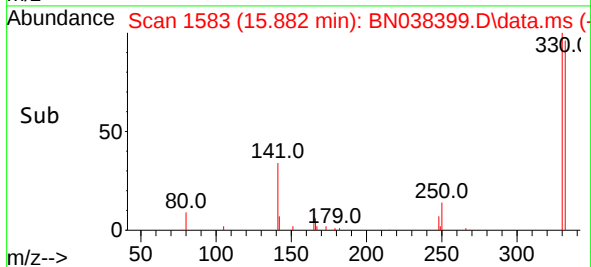
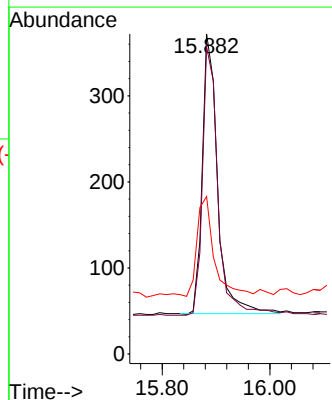
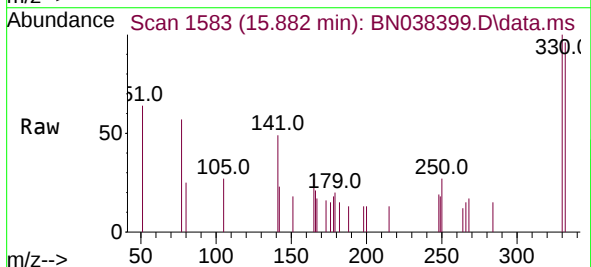
Instrument :
BNA_N
ClientSampleId :
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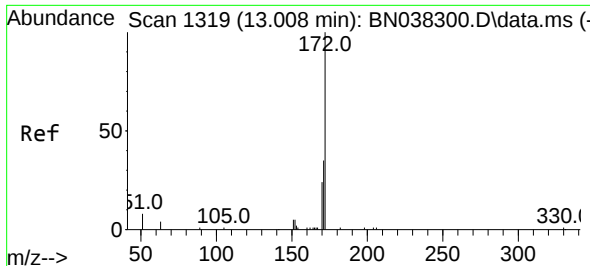
Tgt Ion:164 Resp: 8349
Ion Ratio Lower Upper
164 100
162 103.1 86.2 129.4
160 50.4 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

Tgt Ion:330 Resp: 638
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 37.9 31.8 47.8

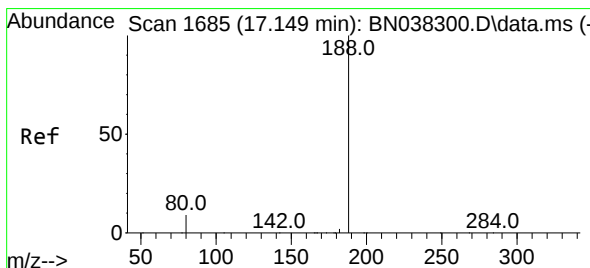
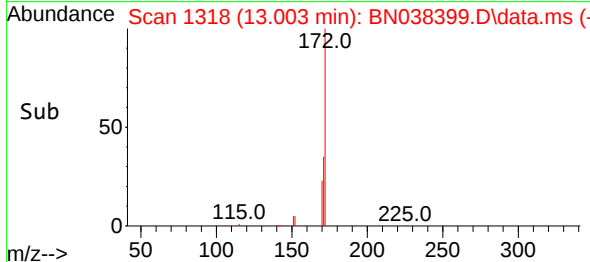
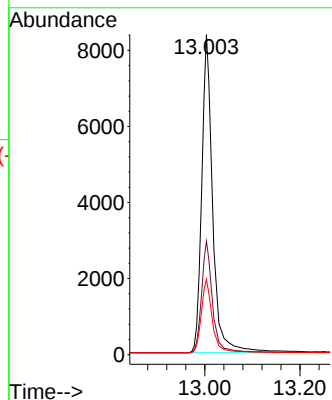
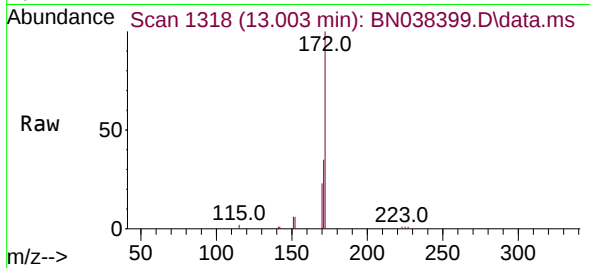




#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.003 min Scan# 1319
Delta R.T. -0.005 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

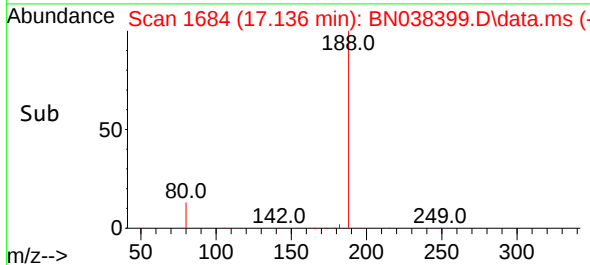
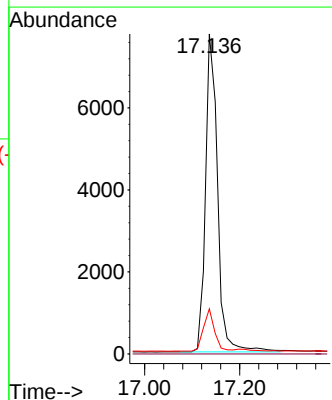
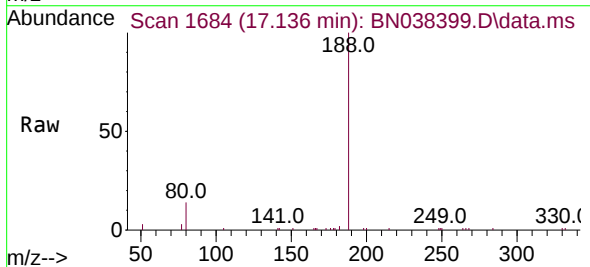
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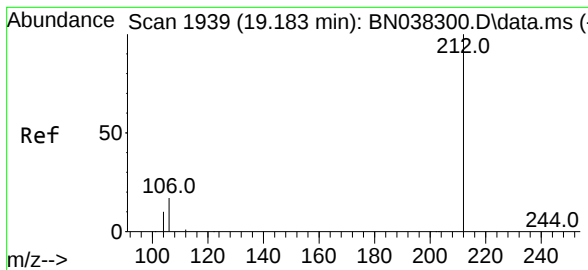
Tgt Ion:	172	Resp:	16755
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	23.5	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

Tgt Ion:	188	Resp:	13597
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.1	7.4	11.0

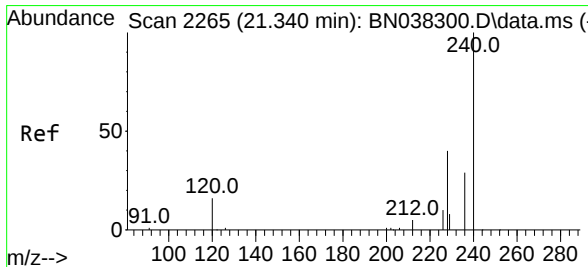
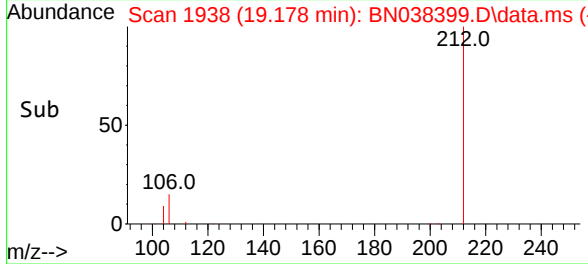
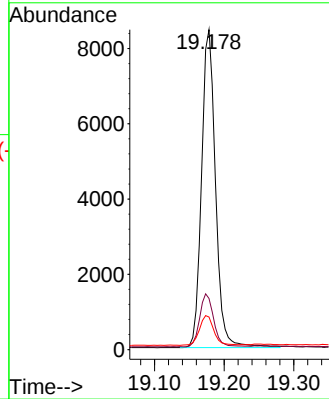
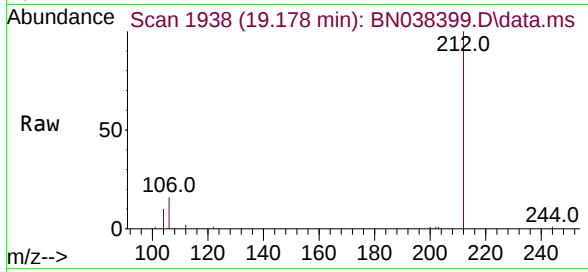




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

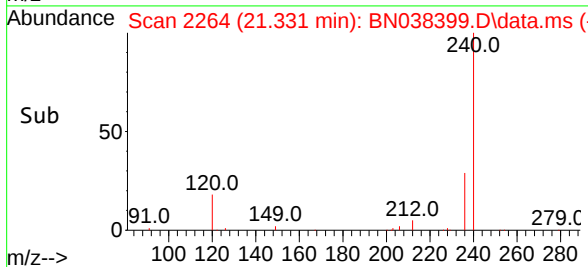
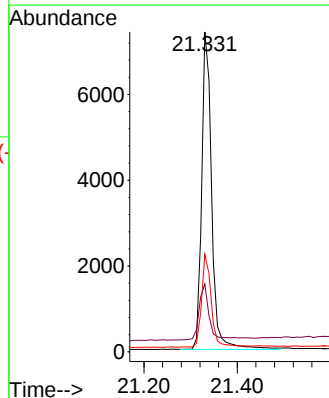
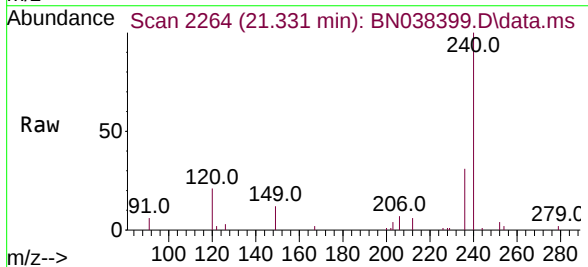
Instrument :
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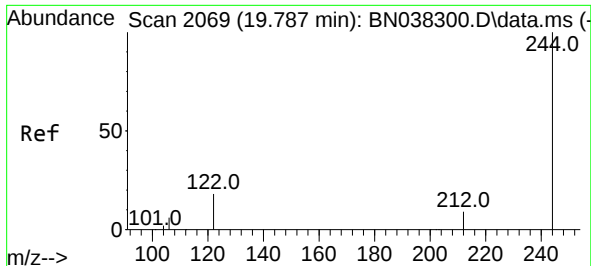
Tgt Ion:212 Resp: 11804
Ion Ratio Lower Upper
212 100
106 16.7 13.7 20.5
104 9.5 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

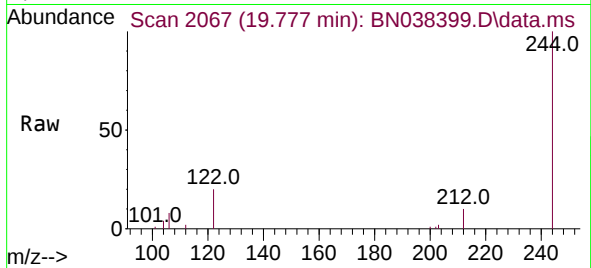
Tgt Ion:240 Resp: 10941
Ion Ratio Lower Upper
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120 21.2 15.4 23.2
236 30.5 23.9 35.9



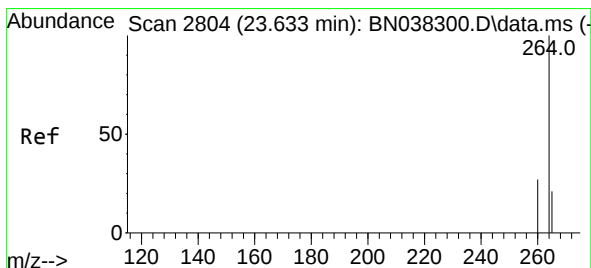
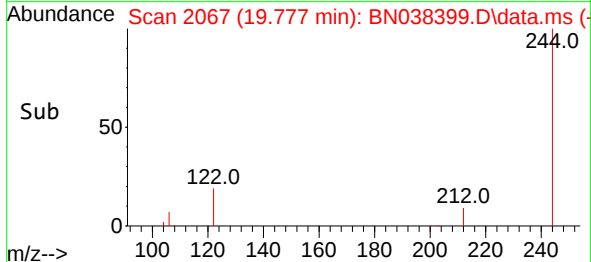
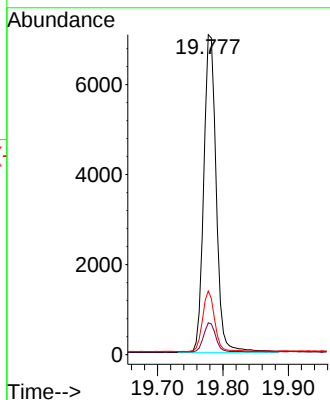


#31
Terphenyl-d14
Concen: 0.384 ng
RT: 19.777 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB170917BL



Tgt Ion:244 Resp: 9379
Ion Ratio Lower Upper
244 100
212 9.9 7.9 11.9
122 19.9 15.0 22.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2799
Delta R.T. -0.015 min
Lab File: BN038399.D
Acq: 15 Dec 2025 11:30

Tgt Ion:264 Resp: 12312
Ion Ratio Lower Upper
264 100
260 27.4 22.2 33.2
265 86.2 80.2 120.2

