

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038223.D
 Acq On : 01 Dec 2025 10:59
 Operator : RC/JU
 Sample : PB170590BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170590BL

Quant Time: Dec 01 11:23:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 28 21:04:10 2025
 Response via : Initial Calibration

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

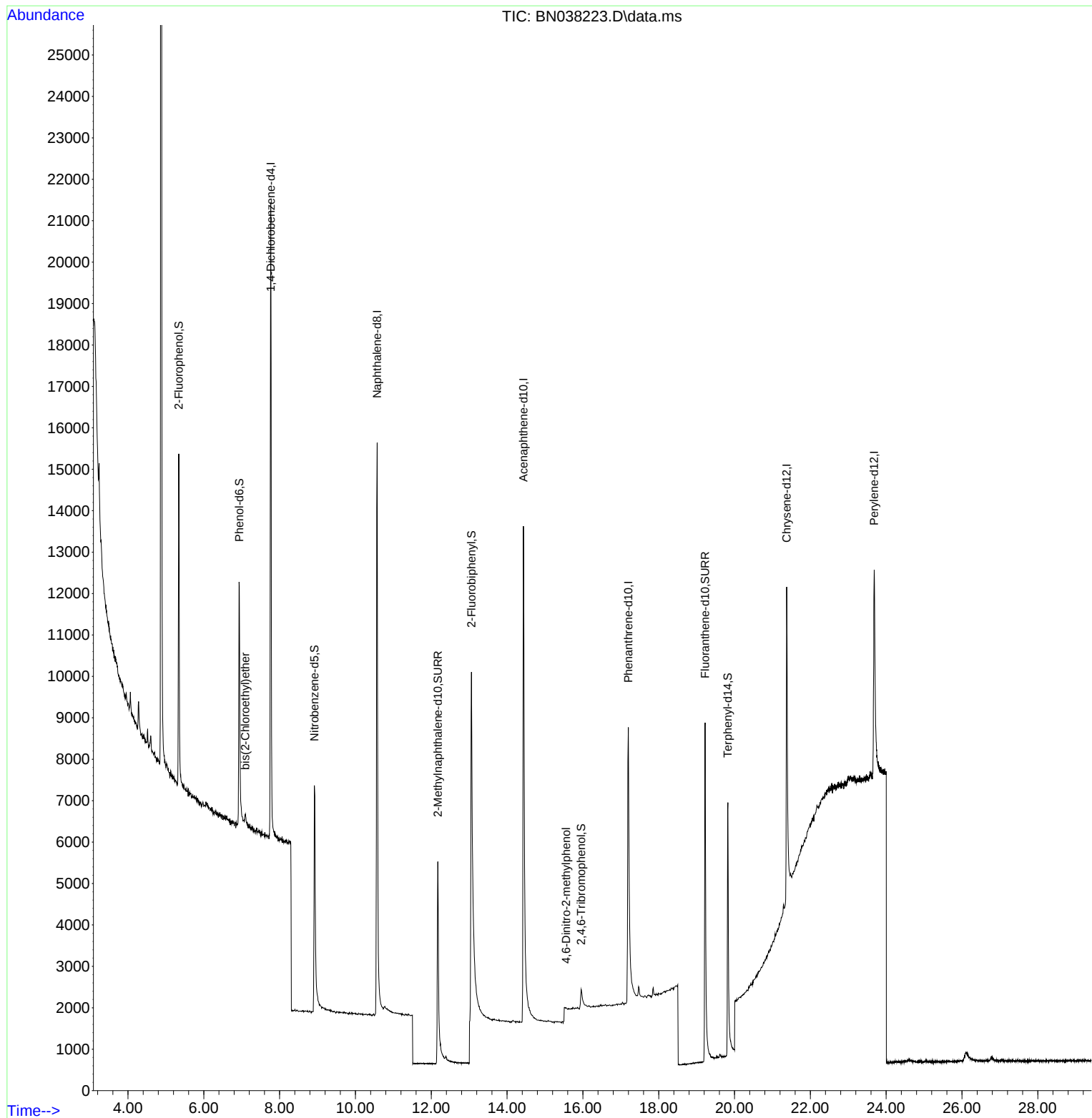
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8151	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22998	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	11468	0.400	ng	0.00
19) Phenanthrene-d10	17.198	188	17647	0.400	ng	# 0.01
29) Chrysene-d12	21.375	240	10944	0.400	ng	0.00
35) Perylene-d12	23.683	264	10217	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6713	0.352	ng	0.00
5) Phenol-d6	6.937	99	7346	0.309	ng	0.00
8) Nitrobenzene-d5	8.918	82	6433	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	10509	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	579	0.160	ng	0.02
15) 2-Fluorobiphenyl	13.062	172	16339	0.369	ng	0.01
27) Fluoranthene-d10	19.225	212	13898	0.363	ng	0.00
31) Terphenyl-d14	19.824	244	9558	0.378	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.096	93	467	0.020	ng	# 31
20) 4,6-Dinitro-2-methylph...	15.560	198	3	0.174	ng	# 1

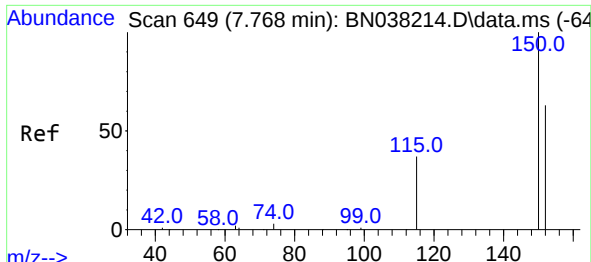
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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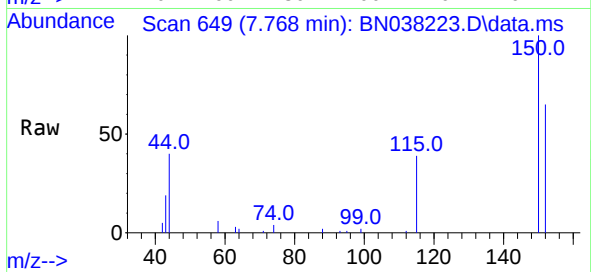
Quant Time: Dec 01 11:23:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



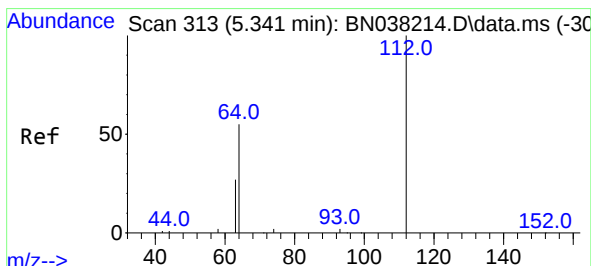
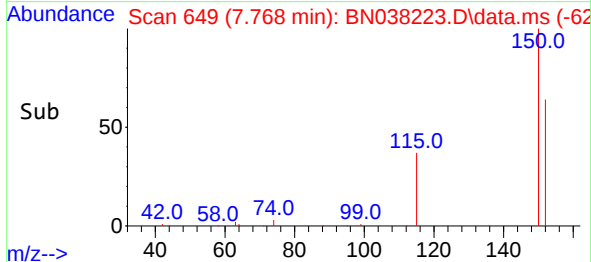
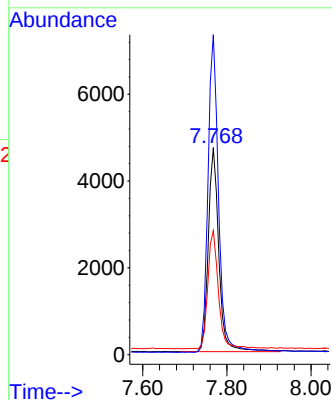


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

Instrument :
BNA_N
ClientSampleId :
PB170590BL

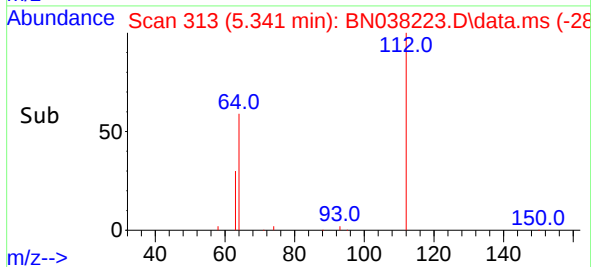
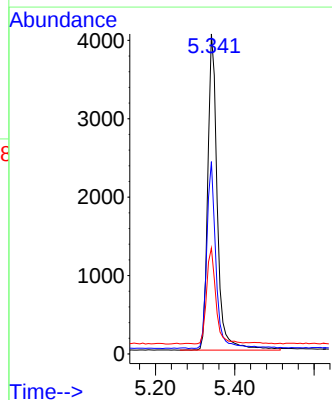
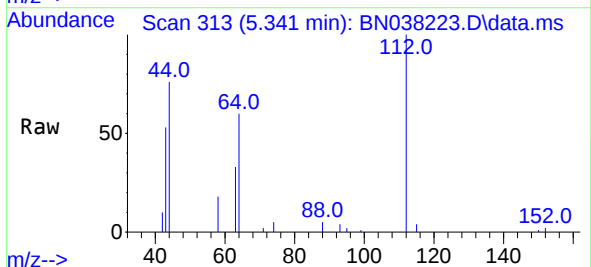


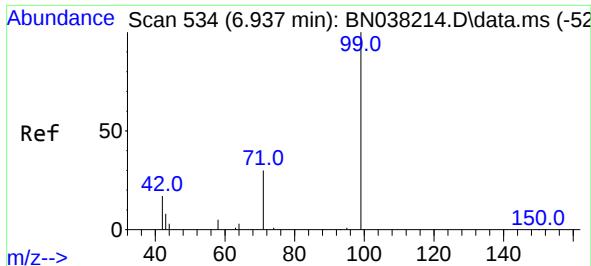
Tgt Ion:152 Resp: 8151
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 59.9 49.0 73.4



#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

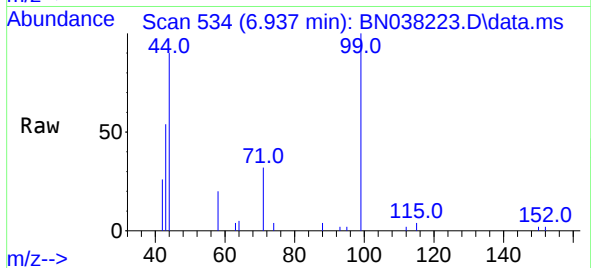
Tgt Ion:112 Resp: 6713
Ion Ratio Lower Upper
112 100
64 56.6 45.0 67.4
63 29.4 23.2 34.8



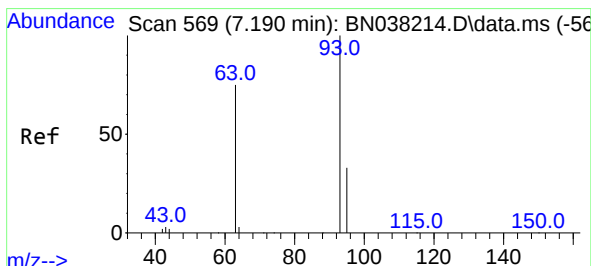
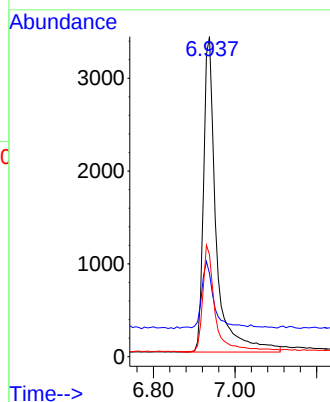
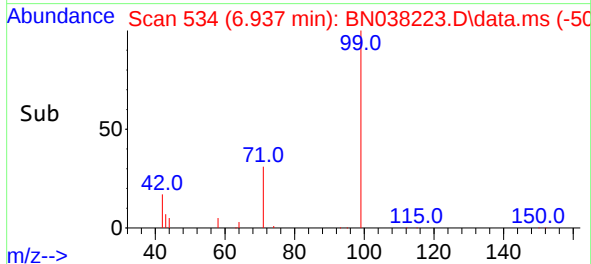


#5
Phenol-d6
Concen: 0.309 ng
RT: 6.937 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

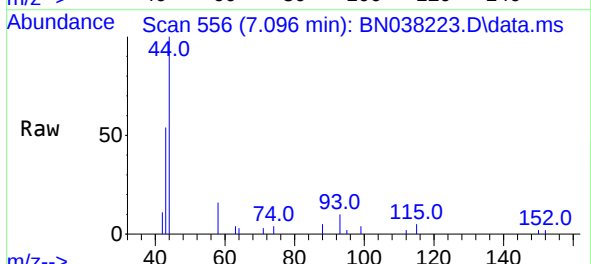
Instrument :
BNA_N
ClientSampleId :
PB170590BL



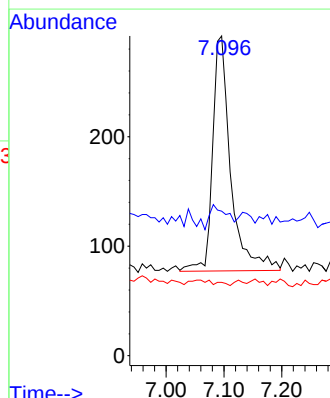
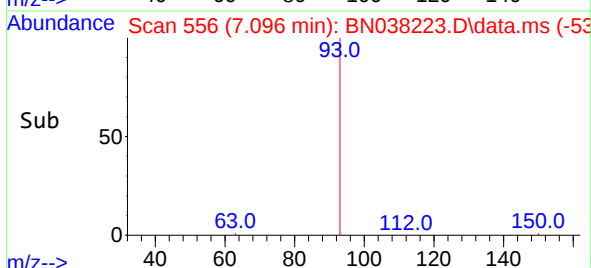
Tgt Ion: 99 Resp: 7346
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 33.1 25.4 38.2

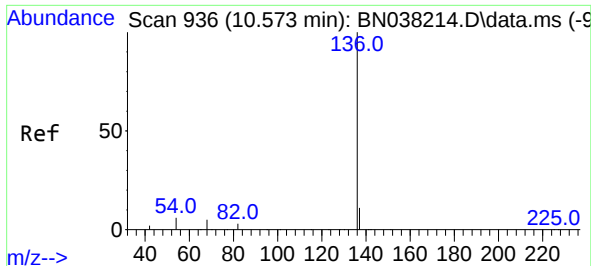


#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.096 min Scan# 556
Delta R.T. -0.094 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59



Tgt Ion: 93 Resp: 467
Ion Ratio Lower Upper
93 100
63 9.9 58.1 87.1#
95 0.0 25.1 37.7#

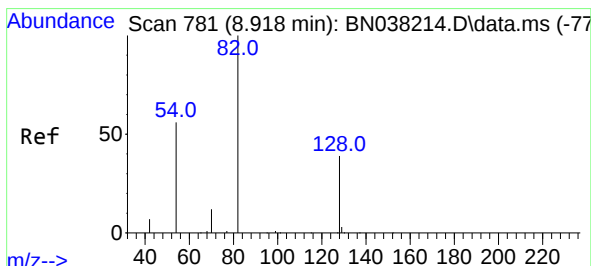
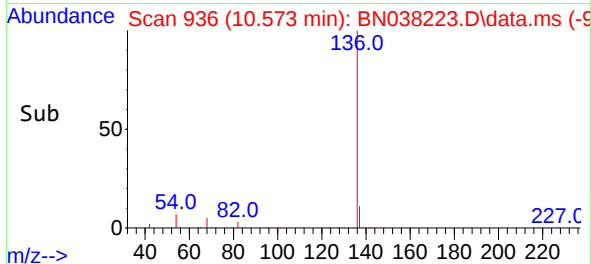
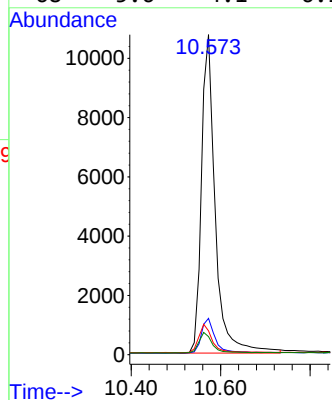
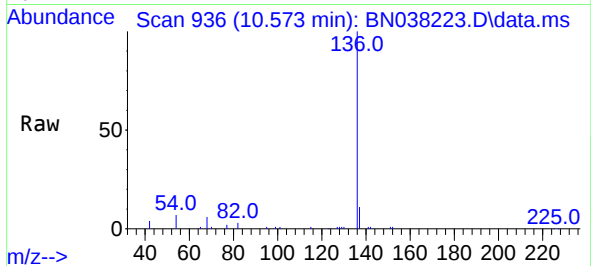




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

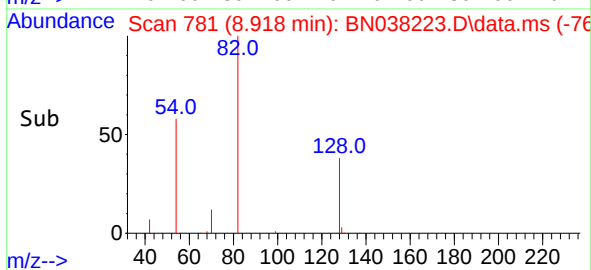
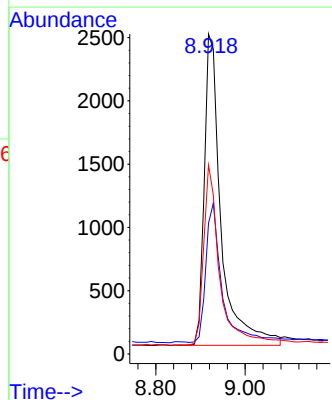
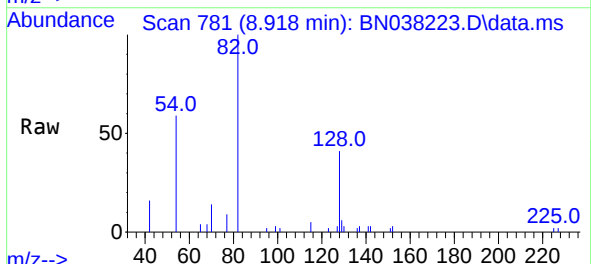
Instrument :
BNA_N
ClientSampleId :
PB170590BL

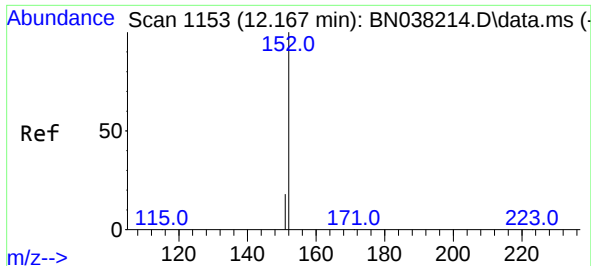
Tgt Ion:	136	Resp:	22998
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	5.4	8.0
68	5.6	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

Tgt Ion:	82	Resp:	6433
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.6	48.8
54	59.0	45.4	68.0

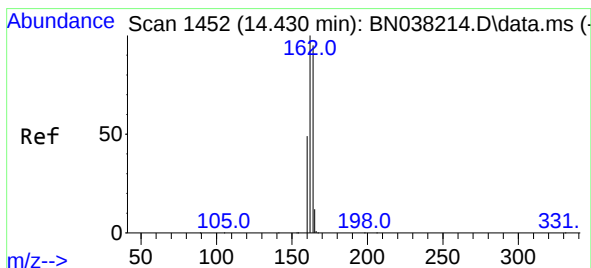
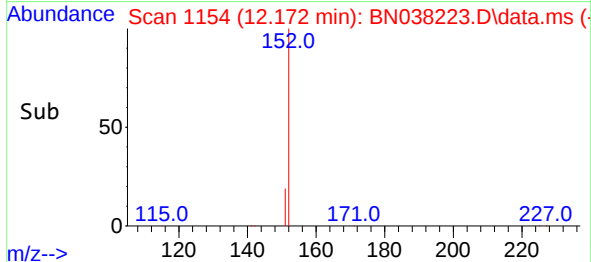
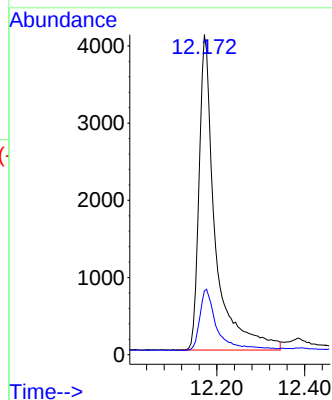
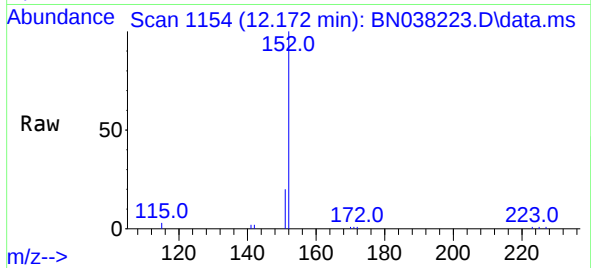




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.172 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

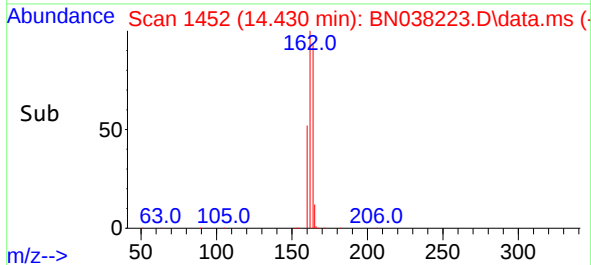
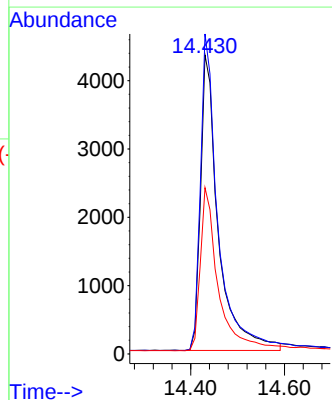
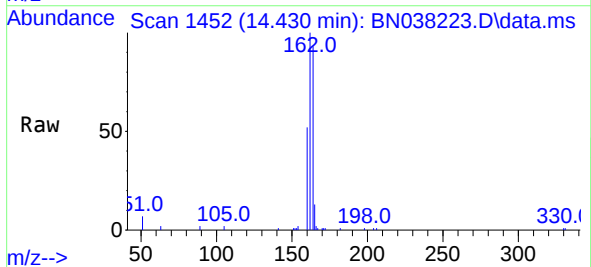
Instrument :
BNA_N
ClientSampleId :
PB170590BL

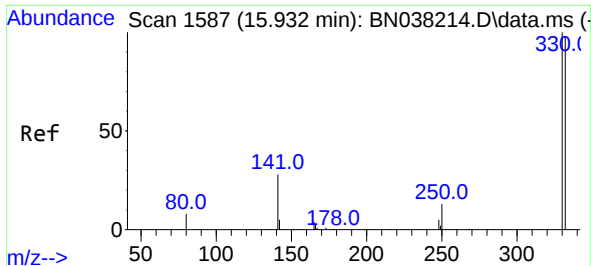
Tgt Ion:152 Resp: 10509
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

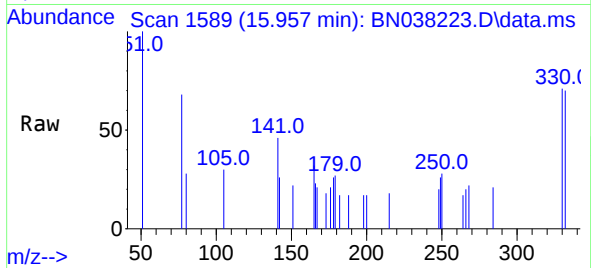
Tgt Ion:164 Resp: 11468
Ion Ratio Lower Upper
164 100
162 107.0 83.8 125.8
160 55.6 41.6 62.4



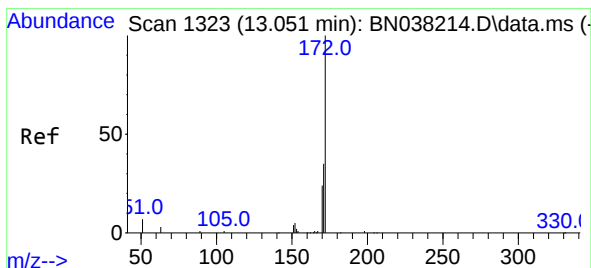
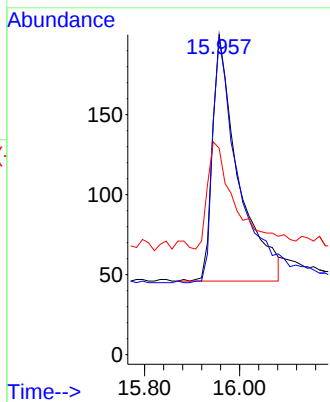
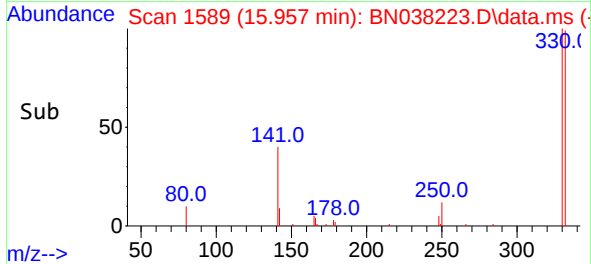


#14
2,4,6-Tribromophenol
Concen: 0.160 ng
RT: 15.957 min Scan# 1589
Delta R.T. 0.025 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

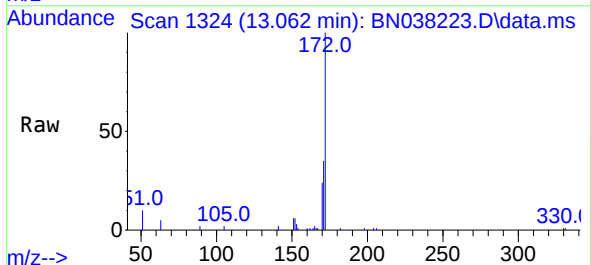
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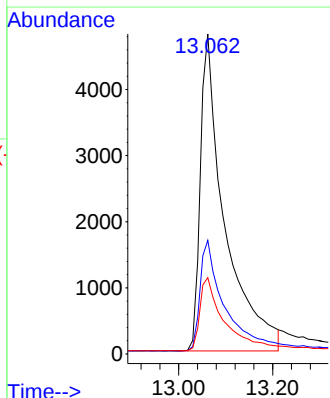
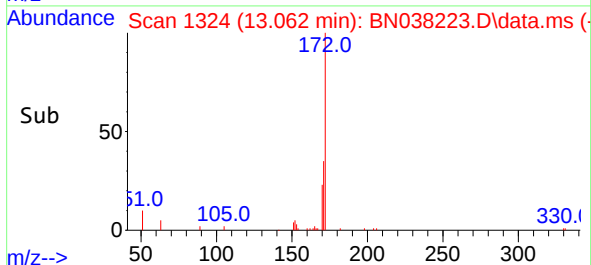
Tgt Ion:330 Resp: 579
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 46.6 33.0 49.4

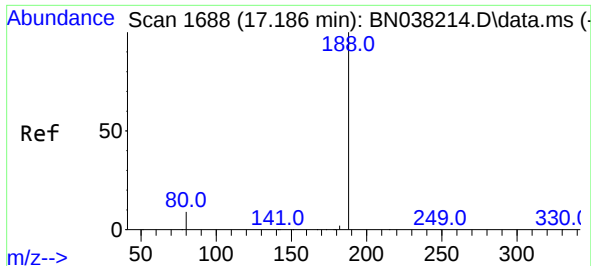


#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59



Tgt Ion:172 Resp: 16339
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.8 19.1 28.7

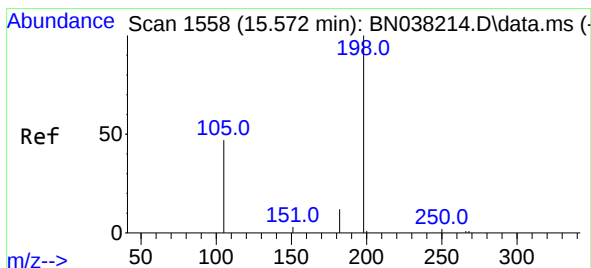
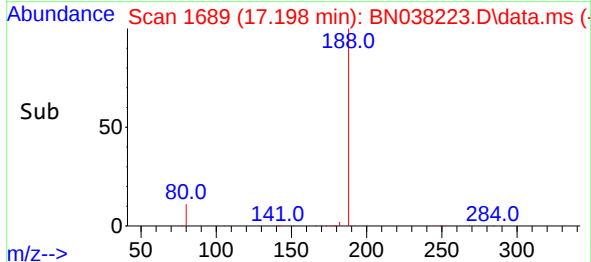
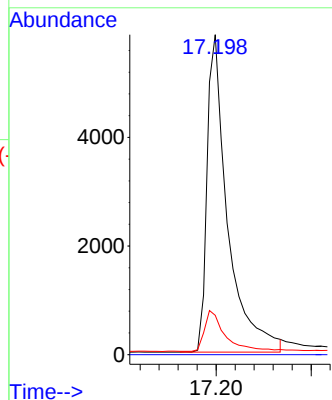
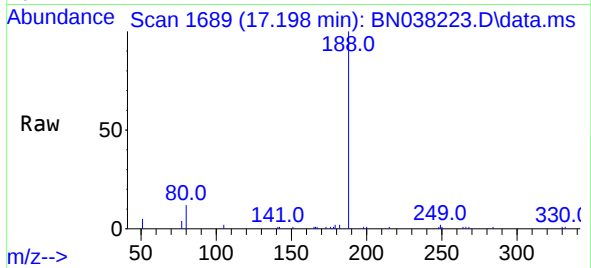




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1688
Delta R.T. 0.012 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

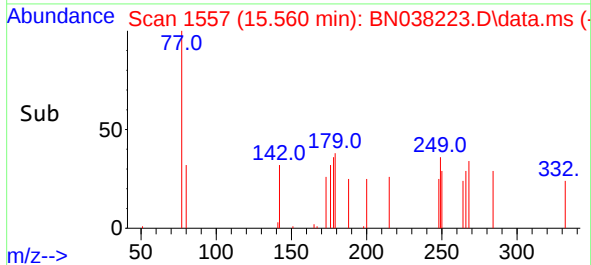
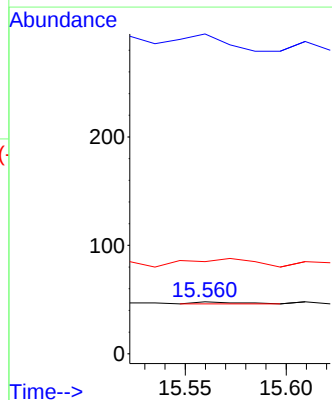
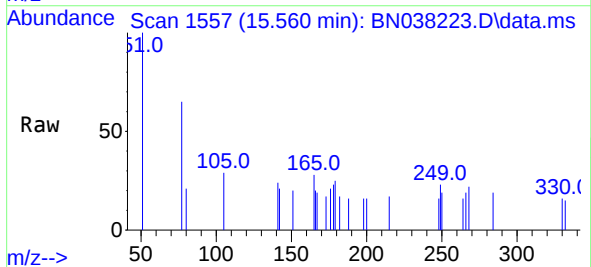
Instrument :
BNA_N
ClientSampleId :
PB170590BL

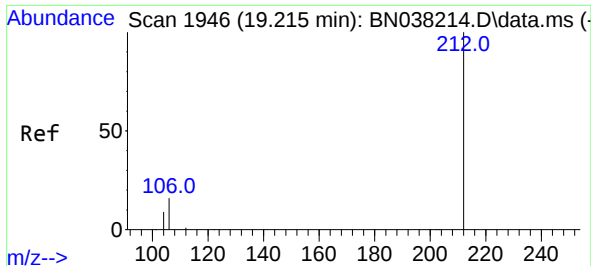
Tgt Ion:188 Resp: 17647
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 7.7 11.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.174 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 614.6 205.1 307.7#
105 177.1 61.6 92.4#

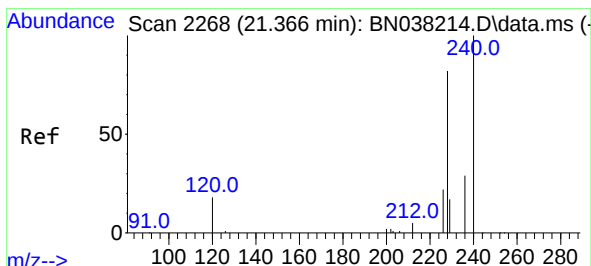
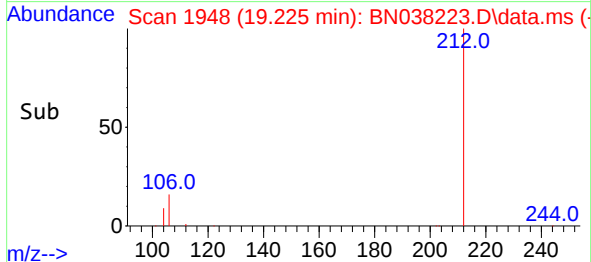
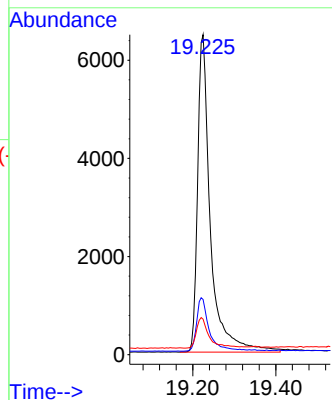
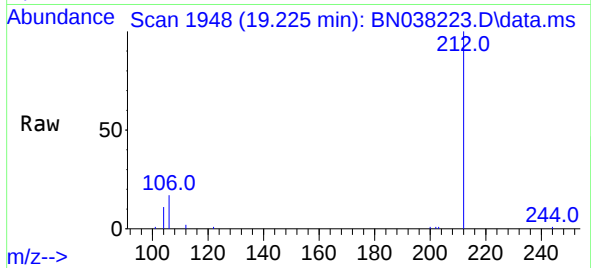




#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.225 min Scan# 1948
Delta R.T. 0.009 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

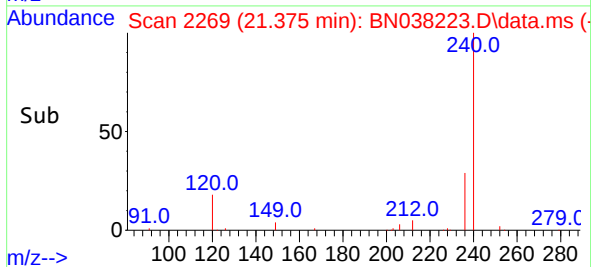
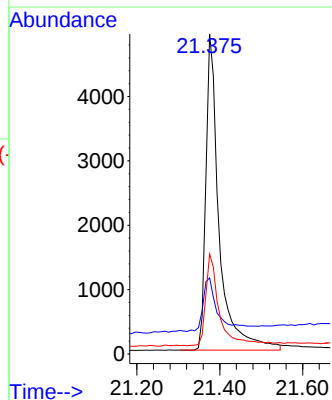
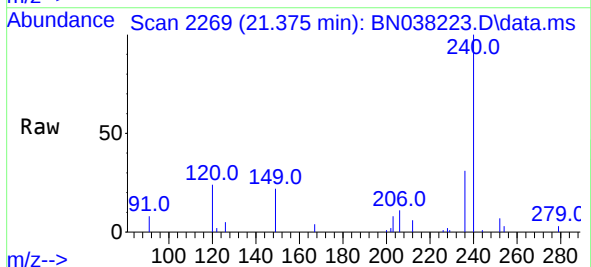
Instrument :
BNA_N
ClientSampleId :
PB170590BL

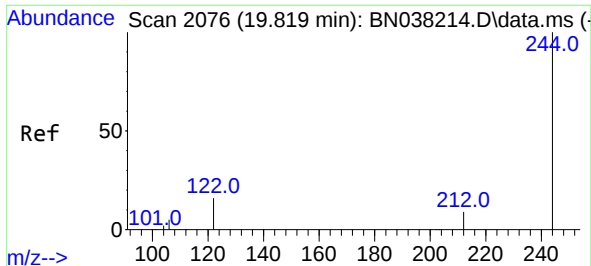
Tgt Ion:212 Resp: 13898
Ion Ratio Lower Upper
212 100
106 16.4 12.7 19.1
104 9.9 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.009 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

Tgt Ion:240 Resp: 10944
Ion Ratio Lower Upper
240 100
120 23.8 18.1 27.1
236 31.2 24.2 36.4

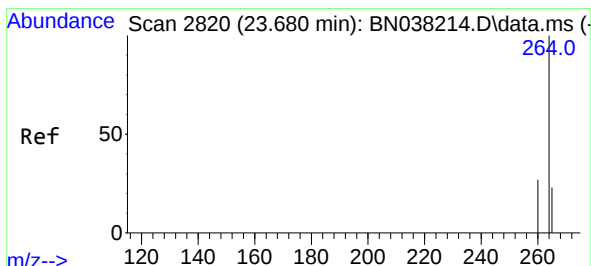
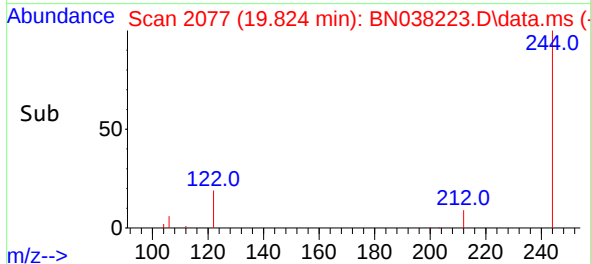
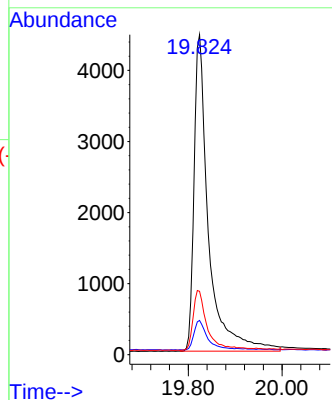
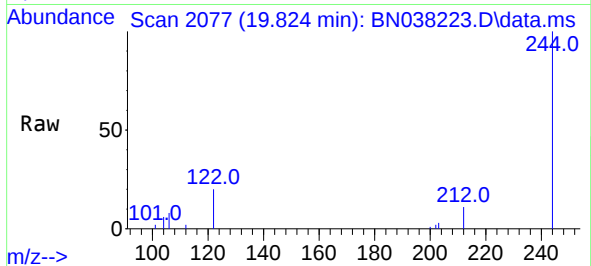




#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.824 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

Instrument :
BNA_N
ClientSampleId :
PB170590BL

Tgt Ion:244 Resp: 9558
Ion Ratio Lower Upper
244 100
212 10.7 7.7 11.5
122 19.8 13.6 20.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.683 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BN038223.D
Acq: 01 Dec 2025 10:59

Tgt Ion:264 Resp: 10217
Ion Ratio Lower Upper
264 100
260 27.6 21.7 32.5
265 164.0 98.0 147.0#

