

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038234.D
 Acq On : 01 Dec 2025 20:17
 Operator : RC/JU
 Sample : Q3618-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 01:09:34 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)

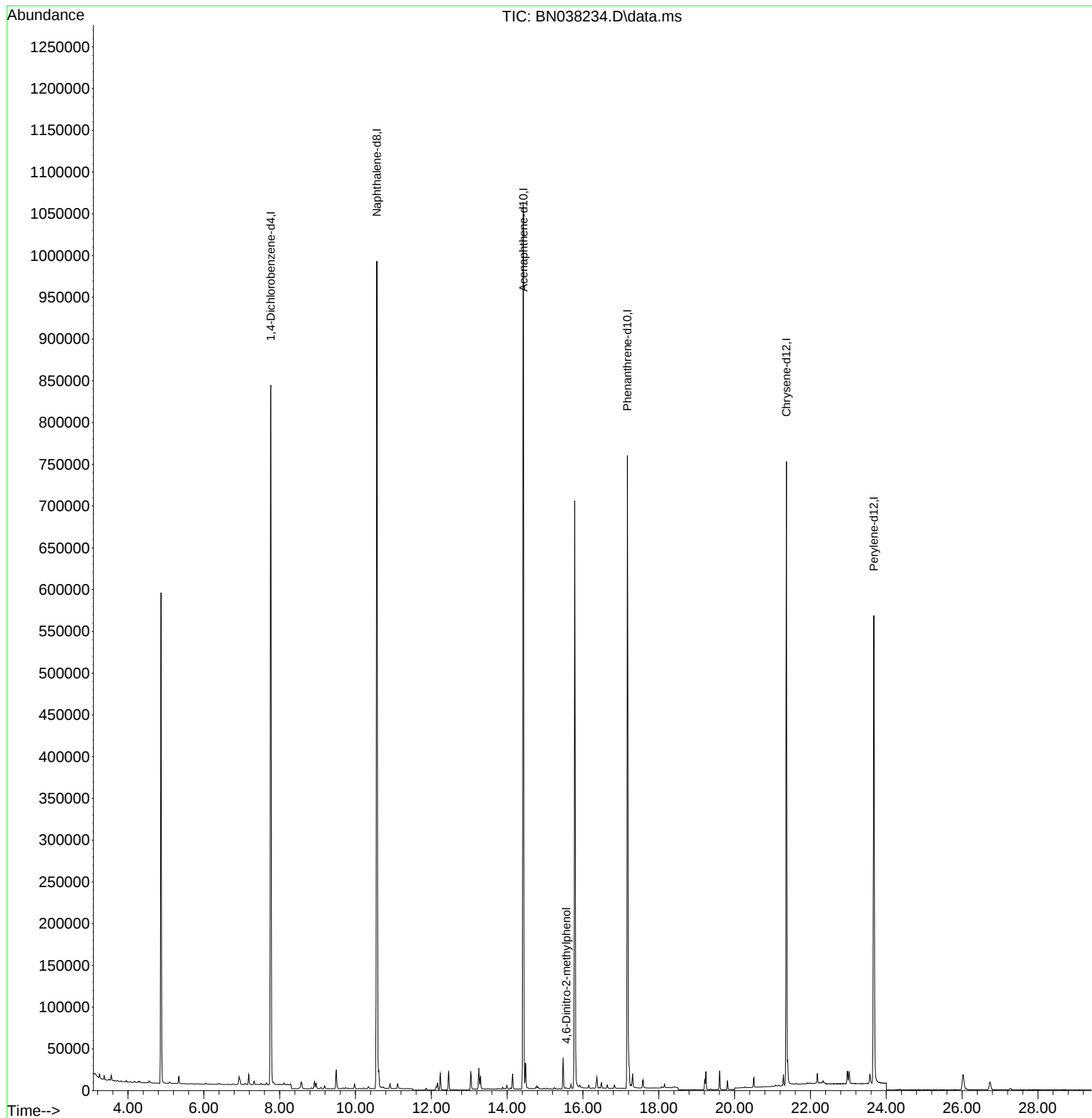
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	426687	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	1290189	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	668507	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	987075	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	638484	0.400	ng	# 0.00
35) Perylene-d12	23.674	264	707894	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6973	0.007	ng	0.00
5) Phenol-d6	6.930	99	8594	0.007	ng	0.00
8) Nitrobenzene-d5	8.918	82	7038	0.007	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	12082	0.007	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1347	0.006	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	18882	0.007	ng	-0.01
27) Fluoranthene-d10	19.211	212	13298	0.006	ng	0.00
31) Terphenyl-d14	19.810	244	10006	0.007	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.560	198	852	0.180	ng	# 29

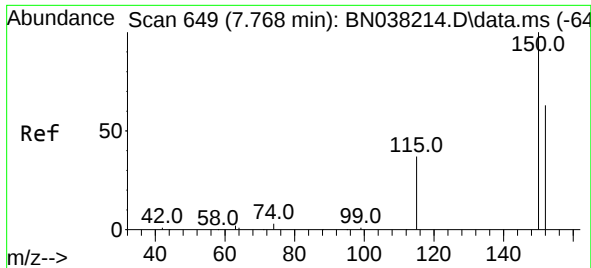
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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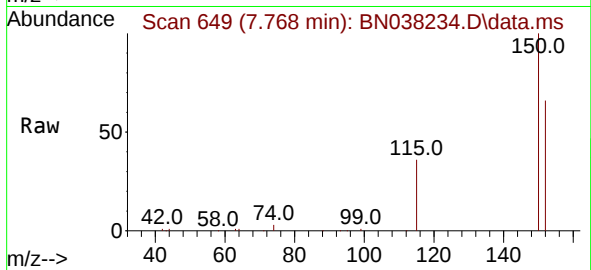
Quant Time: Dec 02 01:09:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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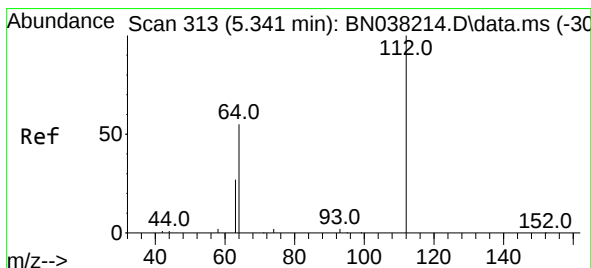
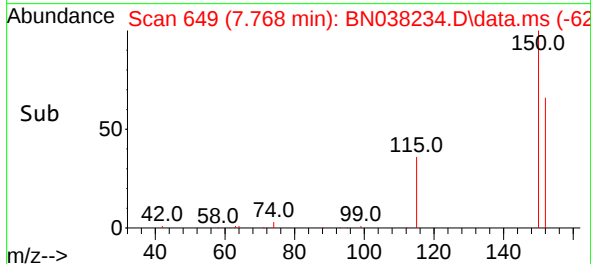
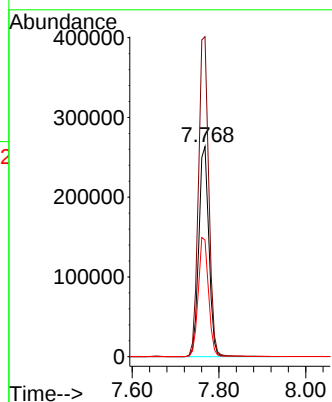


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 649
 Delta R.T. -0.000 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

Instrument :
 BNA_N
 ClientSampleId :

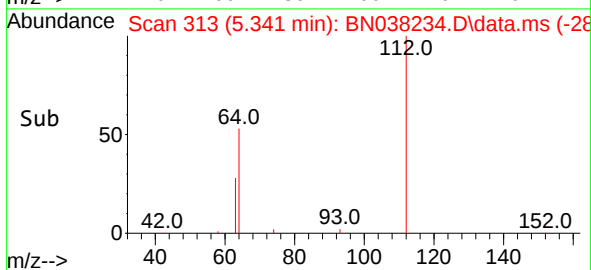
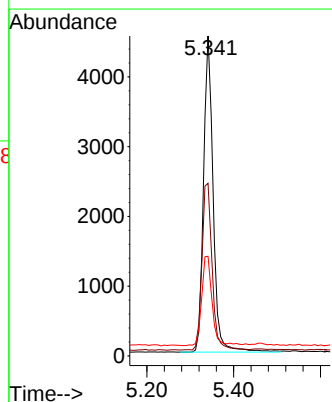
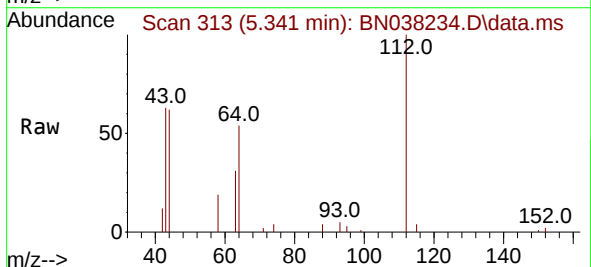


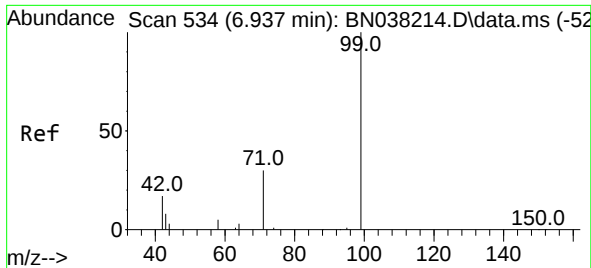
Tgt Ion:152 Resp: 426687
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.3 187.9
 115 55.6 49.0 73.4



#4
 2-Fluorophenol
 Concen: 0.007 ng
 RT: 5.341 min Scan# 313
 Delta R.T. 0.000 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

Tgt Ion:112 Resp: 6973
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.0 67.4
 63 30.6 23.2 34.8

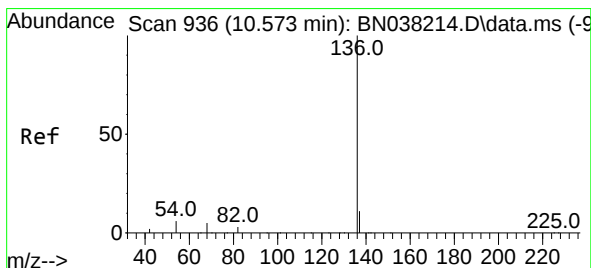
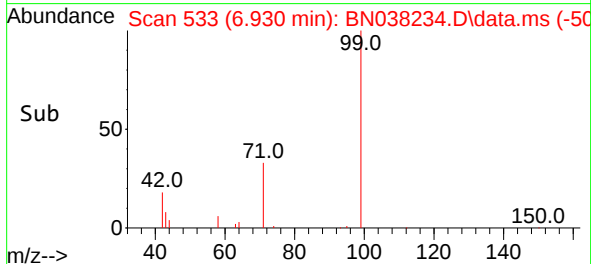
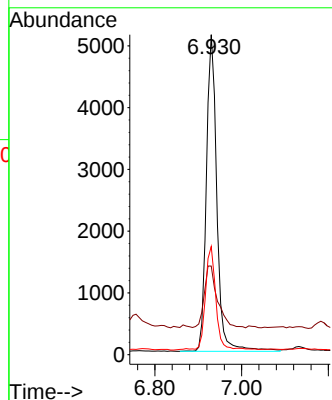
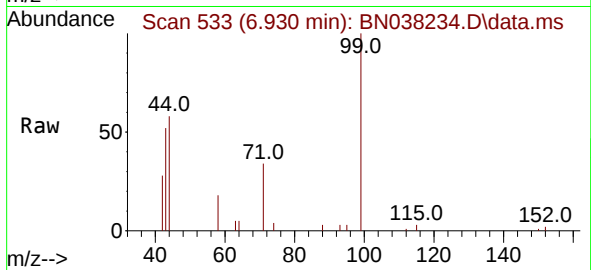




#5
Phenol-d6
Concen: 0.007 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

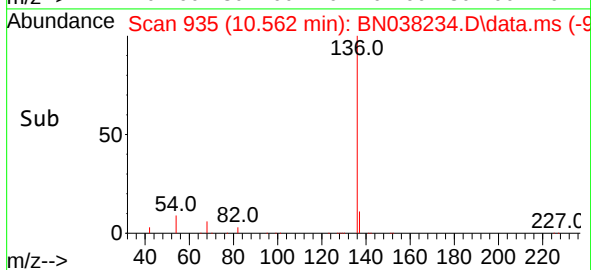
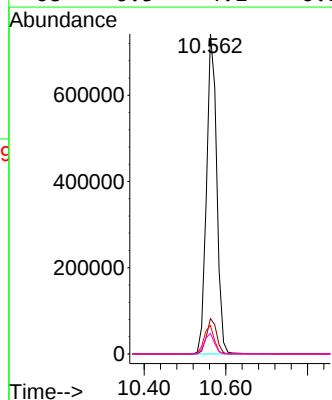
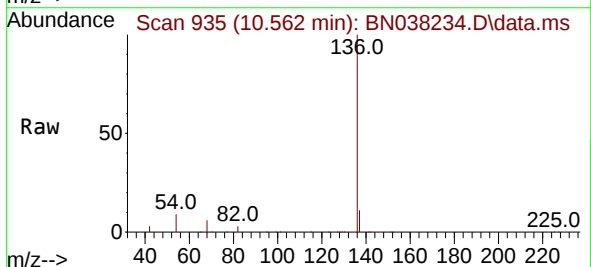
Instrument :
BNA_N
ClientSampleId :

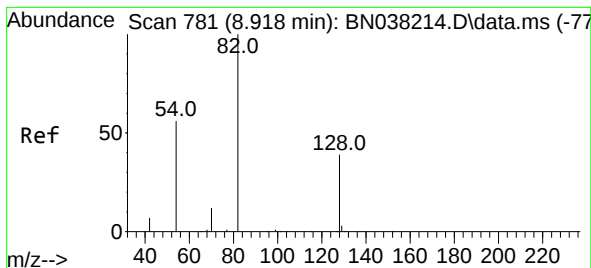
Tgt Ion: 99 Resp: 8594
Ion Ratio Lower Upper
99 100
42 24.5 17.0 25.6
71 30.7 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Tgt Ion:136 Resp: 1290189
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 5.4 8.0#
68 6.5 4.1 6.1#





#8

Nitrobenzene-d5

Concen: 0.007 ng

RT: 8.918 min Scan# 781

Delta R.T. 0.000 min

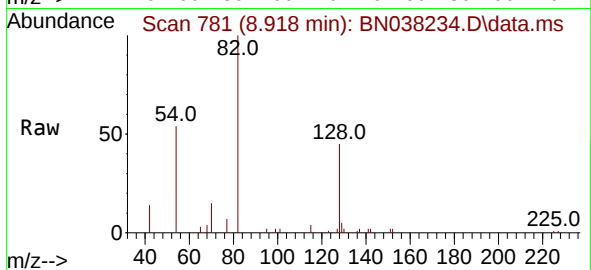
Lab File: BN038234.D

Acq: 01 Dec 2025 20:17

Instrument :

BNA_N

ClientSampleId :



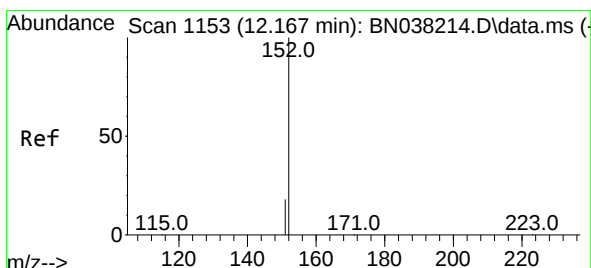
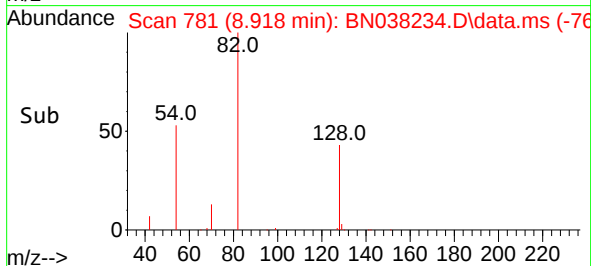
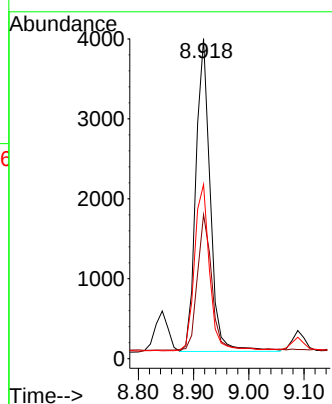
Tgt Ion: 82 Resp: 7038

Ion Ratio Lower Upper

82 100

128 45.0 32.6 48.8

54 54.5 45.4 68.0



#11

2-Methylnaphthalene-d10

Concen: 0.007 ng

RT: 12.162 min Scan# 1152

Delta R.T. -0.005 min

Lab File: BN038234.D

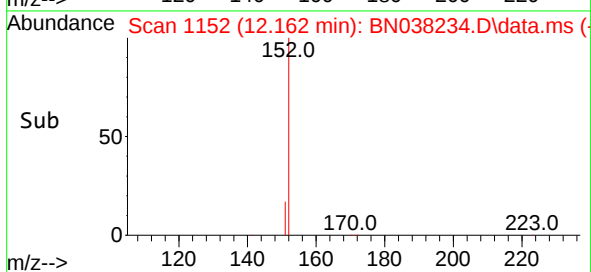
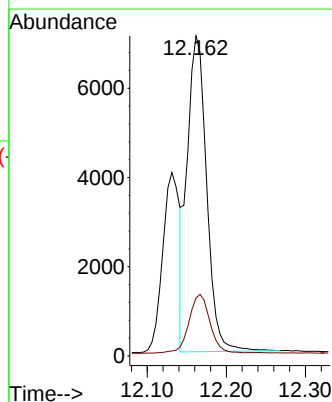
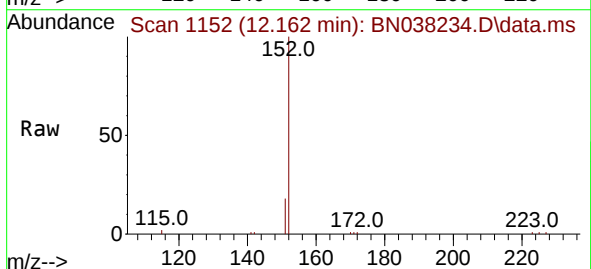
Acq: 01 Dec 2025 20:17

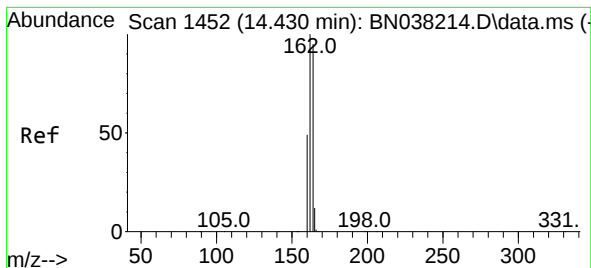
Tgt Ion: 152 Resp: 12082

Ion Ratio Lower Upper

152 100

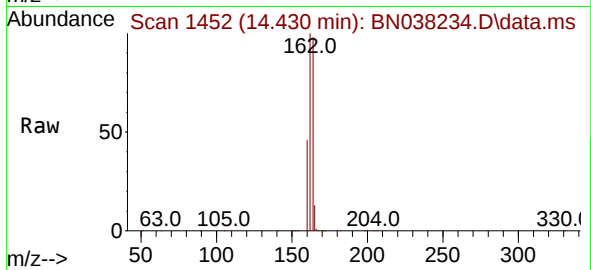
151 20.3 16.7 25.1



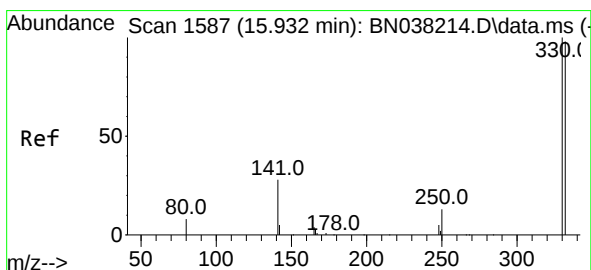
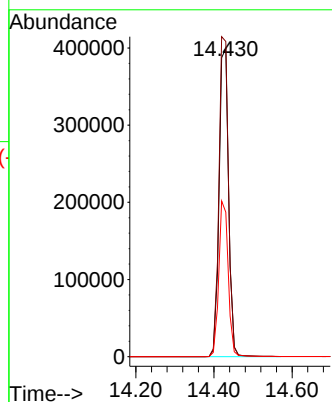
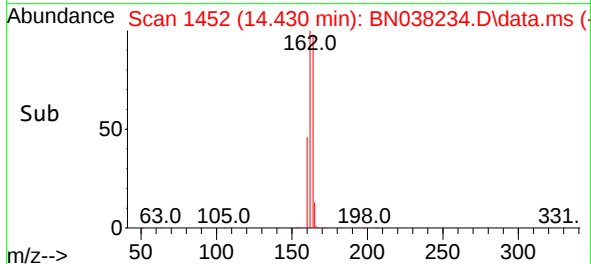


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

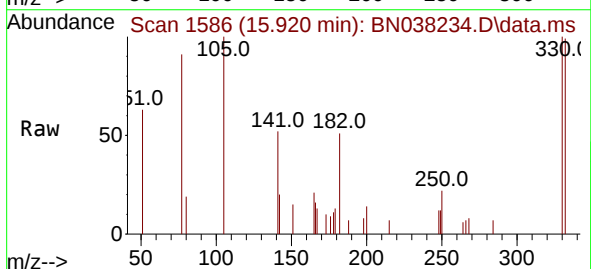
Instrument :
BNA_N
ClientSampleId :



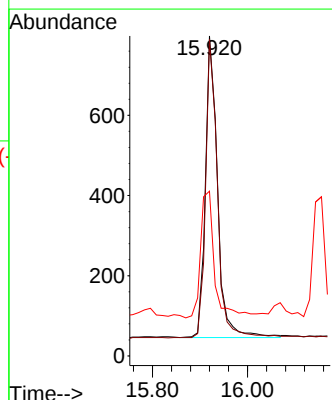
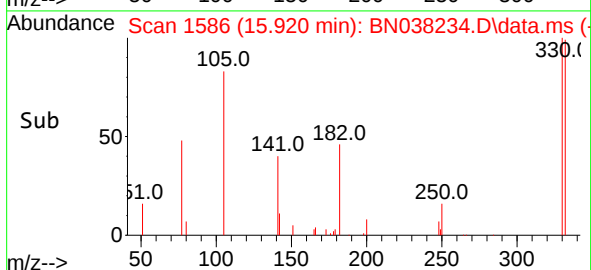
Tgt Ion:164 Resp: 668507
Ion Ratio Lower Upper
164 100
162 102.2 83.8 125.8
160 46.9 41.6 62.4

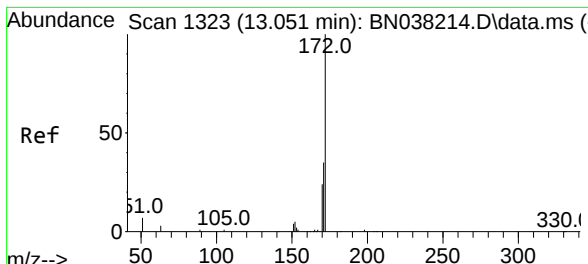


#14
2,4,6-Tribromophenol
Concen: 0.006 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17



Tgt Ion:330 Resp: 1347
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 47.9 33.0 49.4

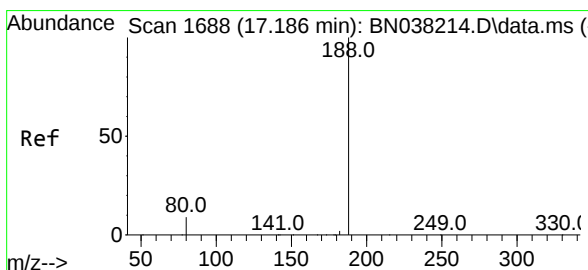
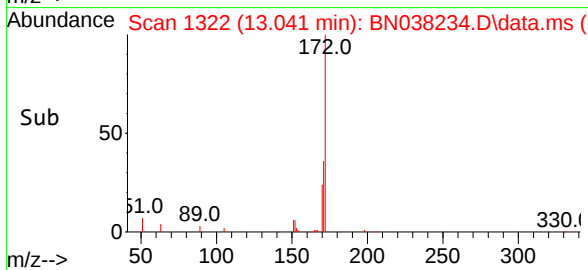
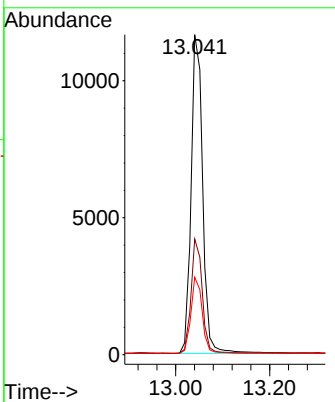
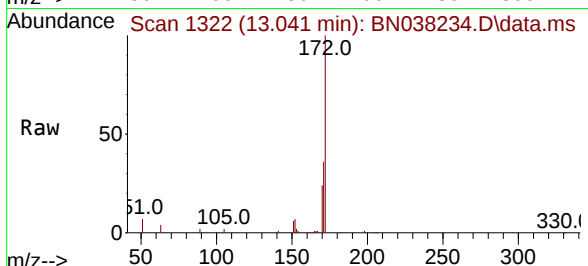




#15
 2-Fluorobiphenyl
 Concen: 0.007 ng
 RT: 13.041 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

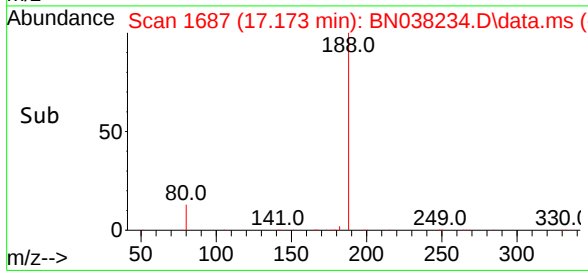
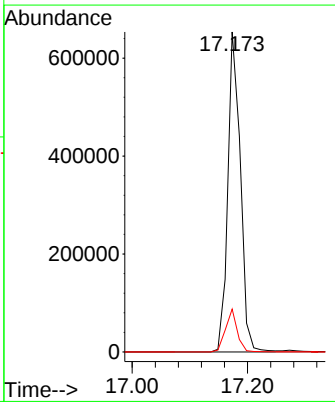
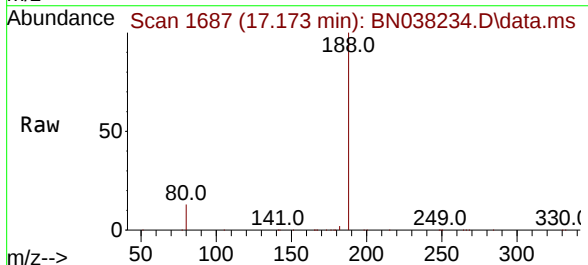
Instrument :
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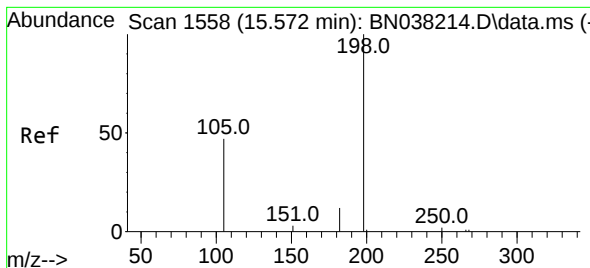
Tgt Ion:	172	Resp:	18882
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.1	42.1
170	24.2	19.1	28.7



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.173 min Scan# 1687
 Delta R.T. -0.012 min
 Lab File: BN038234.D
 Acq: 01 Dec 2025 20:17

Tgt Ion:	188	Resp:	987075
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.4	7.7	11.5

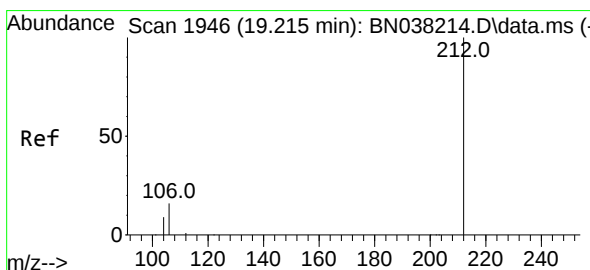
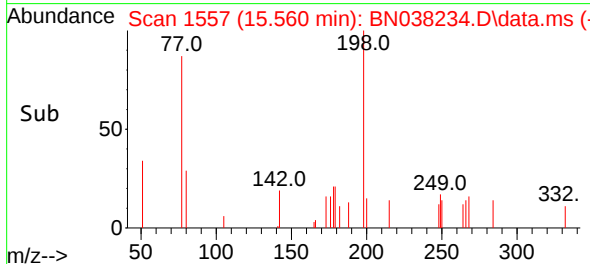
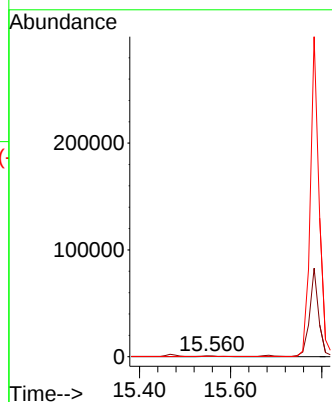
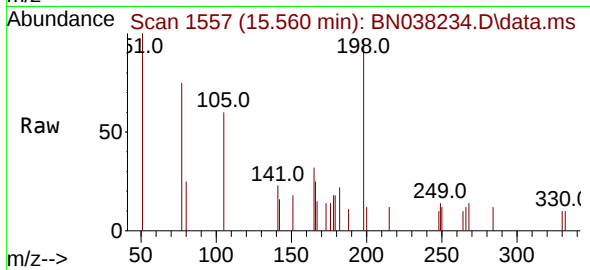




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.560 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

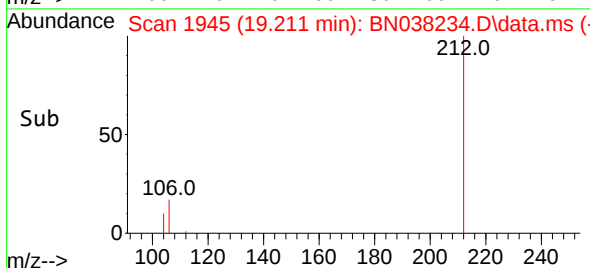
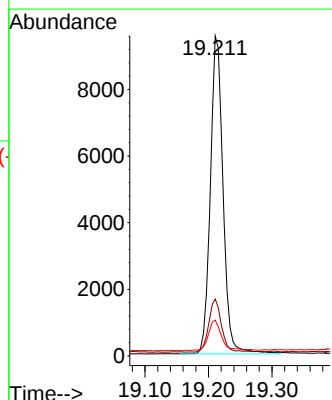
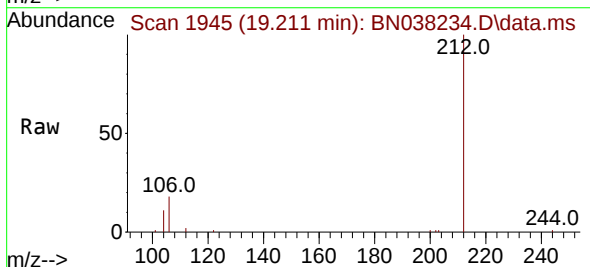
Instrument :
BNA_N
ClientSampleId :

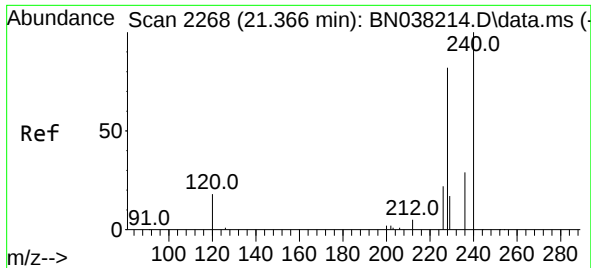
Tgt Ion:198 Resp: 852
Ion Ratio Lower Upper
198 100
51 103.3 205.1 307.7#
105 61.6 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.006 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Tgt Ion:212 Resp: 13298
Ion Ratio Lower Upper
212 100
106 16.5 12.7 19.1
104 10.2 7.3 10.9

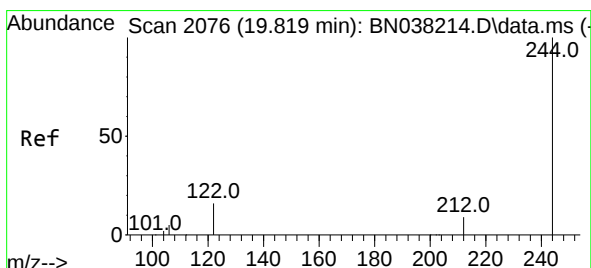
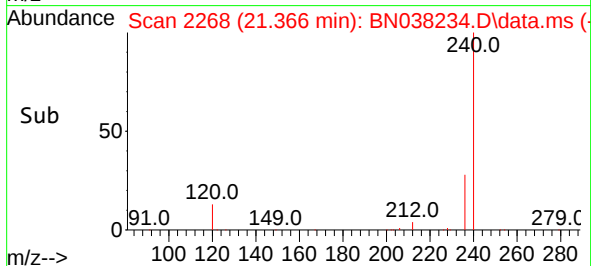
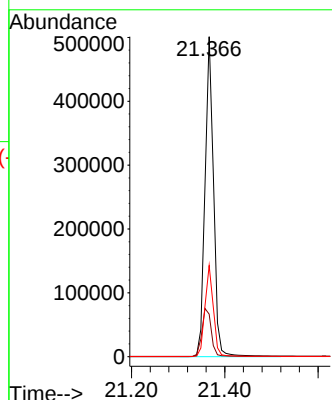
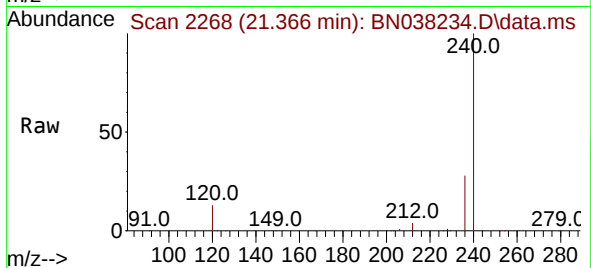




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

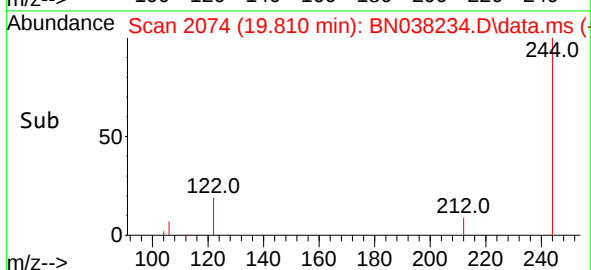
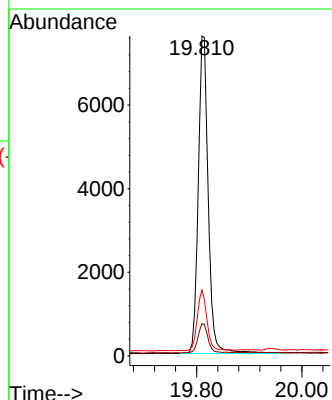
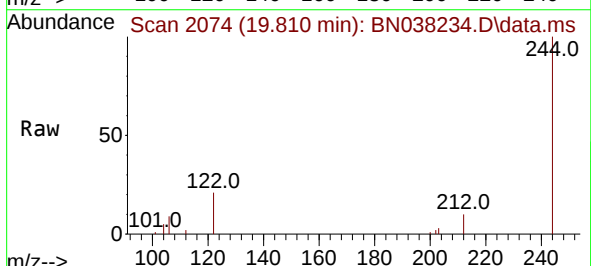
Instrument :
BNA_N
ClientSampleId :

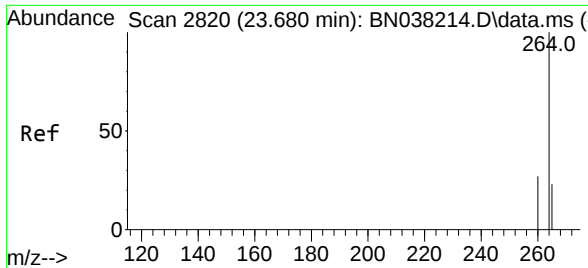
Tgt Ion:240 Resp: 638484
Ion Ratio Lower Upper
240 100
120 13.3 18.1 27.1#
236 28.5 24.2 36.4



#31
Terphenyl-d14
Concen: 0.007 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

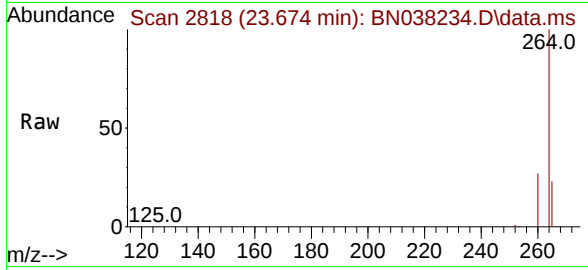
Tgt Ion:244 Resp: 10006
Ion Ratio Lower Upper
244 100
212 10.1 7.7 11.5
122 20.6 13.6 20.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN038234.D
Acq: 01 Dec 2025 20:17

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 707894
Ion Ratio Lower Upper
264 100
260 27.1 21.7 32.5
265 22.6 98.0 147.0#

