

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038231.D
 Acq On : 01 Dec 2025 18:28
 Operator : RC/JU
 Sample : PB170712BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170712BL

Quant Time: Dec 02 01:08:26 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)

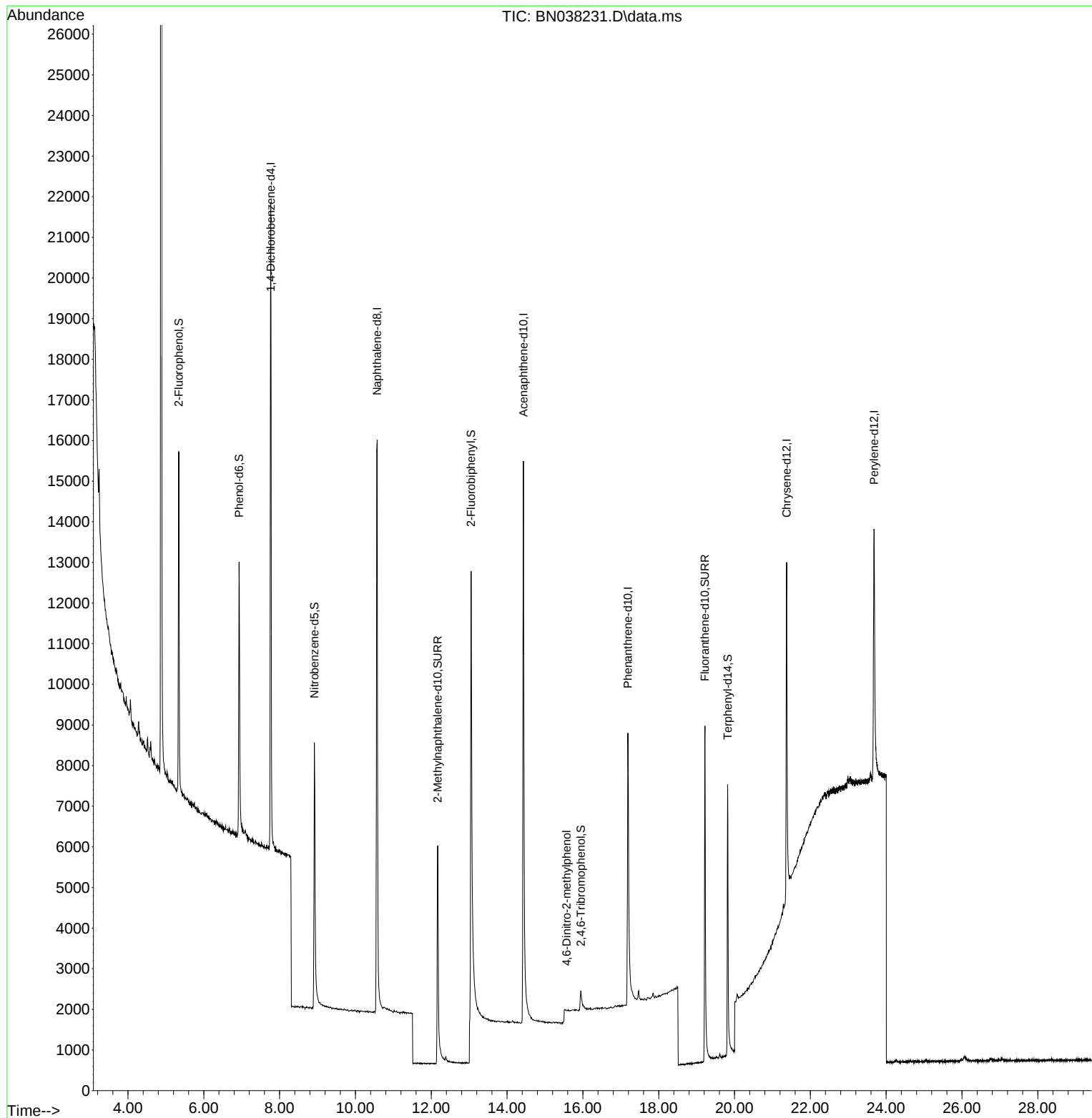
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	8256	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	22952	0.400	ng	0.00
13) Acenaphthene-d10	14.430	164	10779	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	14873	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	10479	0.400	ng	0.00
35) Perylene-d12	23.680	264	10853	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6987	0.362	ng	0.00
5) Phenol-d6	6.930	99	7715	0.320	ng	0.00
8) Nitrobenzene-d5	8.918	82	6631	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.166	152	10344	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	556	0.164	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	16277	0.391	ng	0.00
27) Fluoranthene-d10	19.220	212	11729	0.364	ng	0.00
31) Terphenyl-d14	19.819	244	8472	0.350	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.572	198	1	0.173	ng	# 1

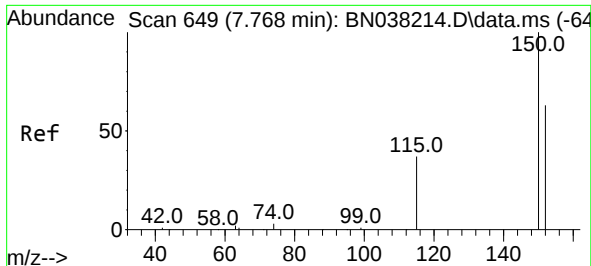
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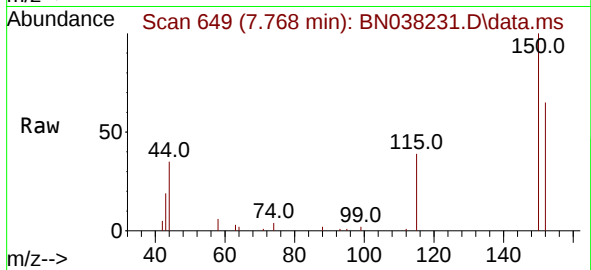
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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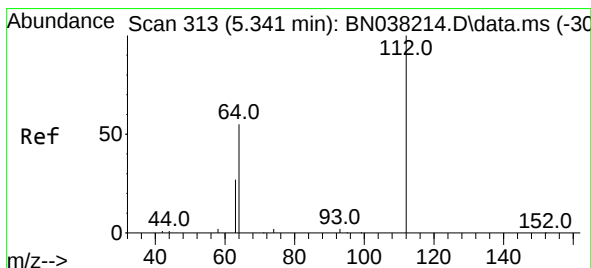
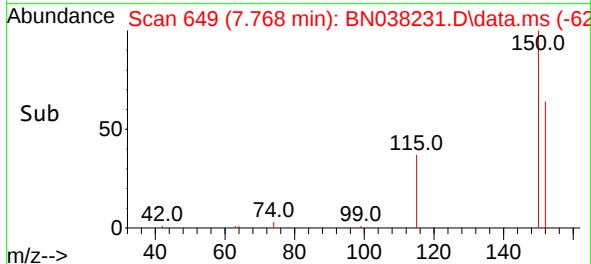
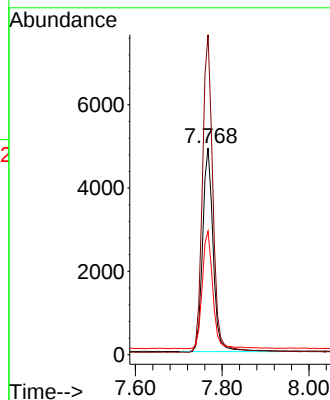


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Instrument :
BNA_N
ClientSampleId :
PB170712BL

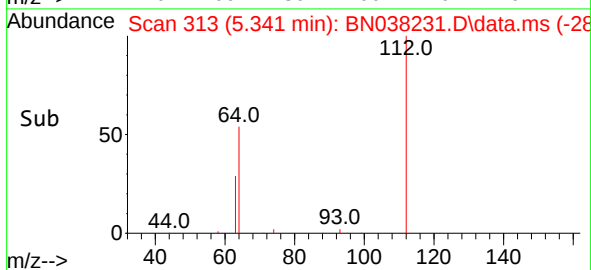
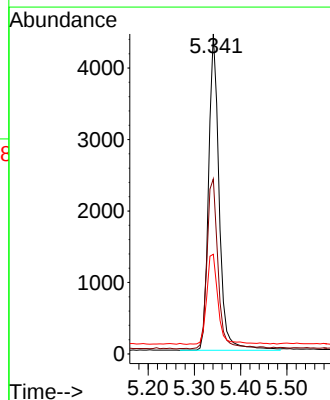
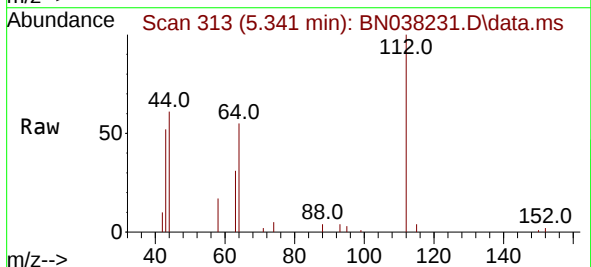


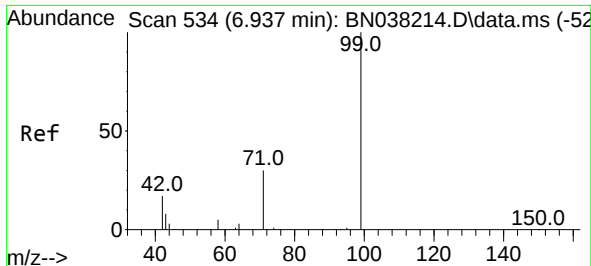
Tgt Ion:152 Resp: 8256
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 59.8 49.0 73.4



#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion:112 Resp: 6987
Ion Ratio Lower Upper
112 100
64 56.1 45.0 67.4
63 30.5 23.2 34.8

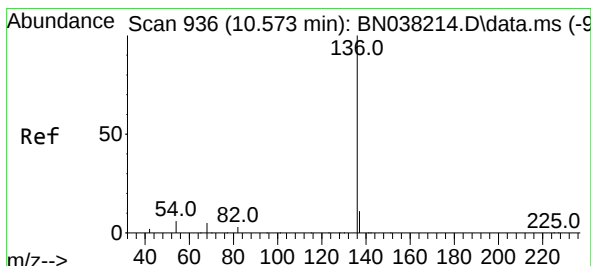
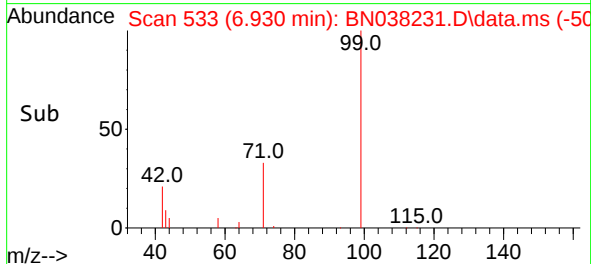
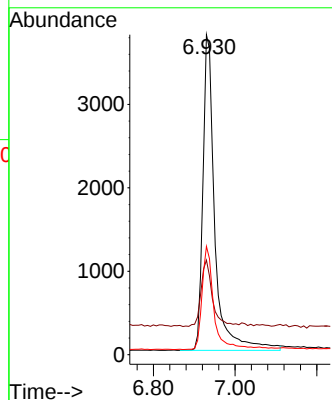
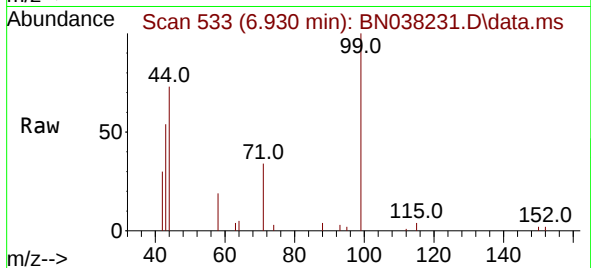




#5
Phenol-d6
Concen: 0.320 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

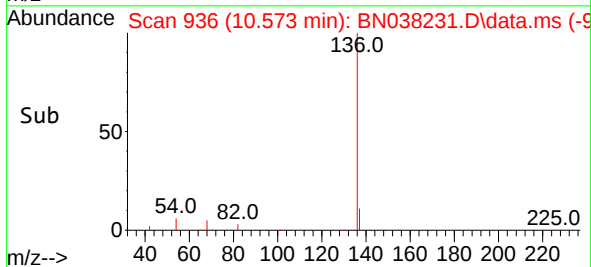
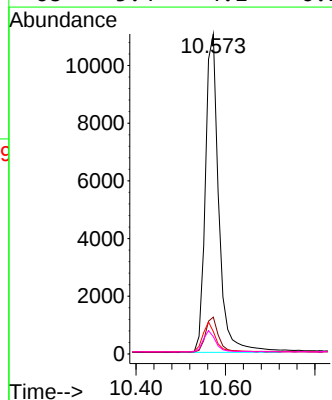
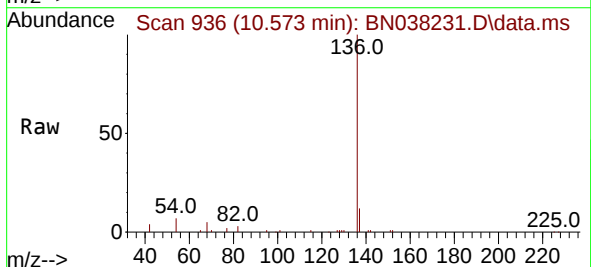
Instrument :
BNA_N
ClientSampleId :
PB170712BL

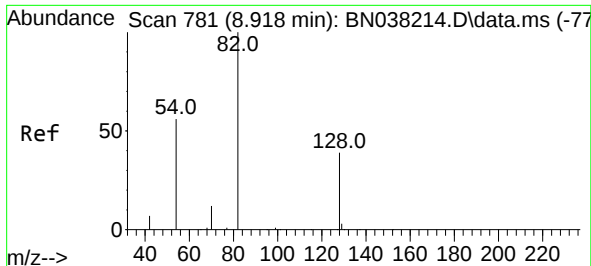
Tgt Ion: 99 Resp: 7715
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 32.9 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion: 136 Resp: 22952
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.0 5.4 8.0
68 5.4 4.1 6.1

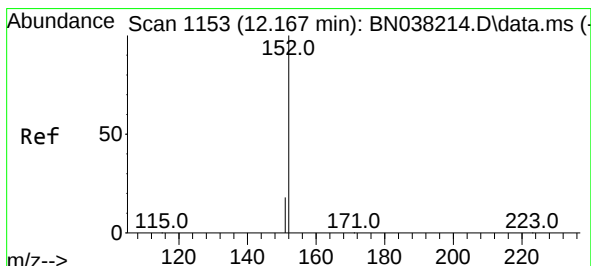
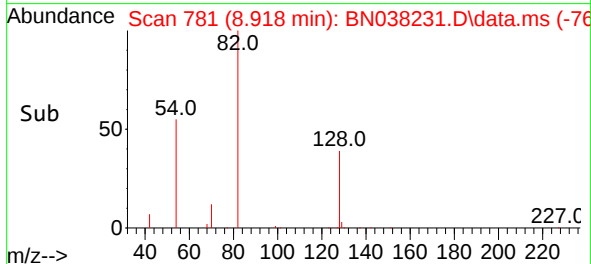
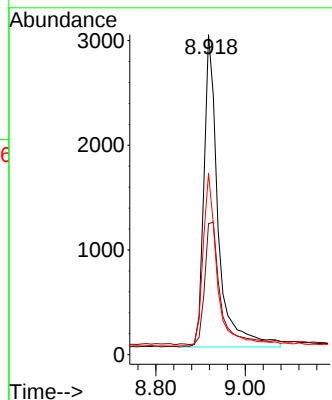
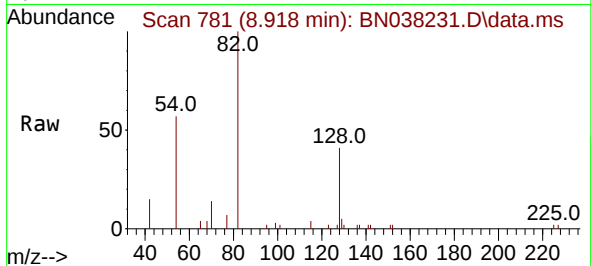




#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

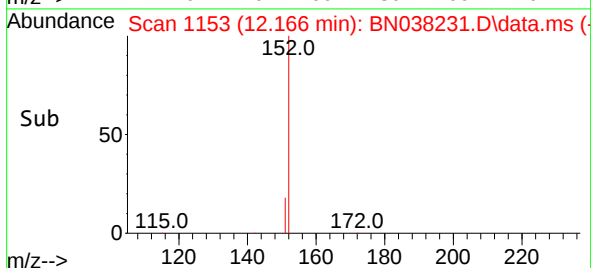
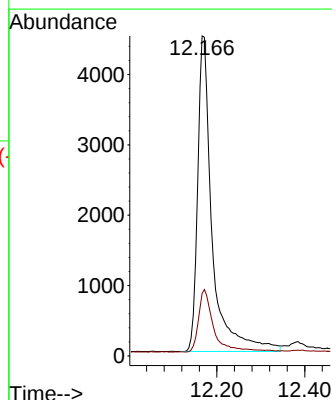
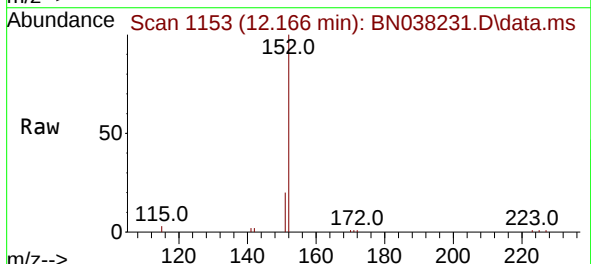
Instrument :
BNA_N
ClientSampleId :
PB170712BL

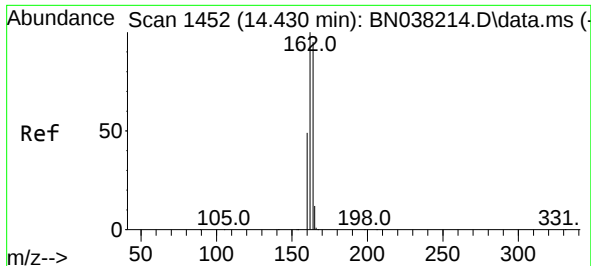
Tgt Ion: 82 Resp: 6631
Ion Ratio Lower Upper
82 100
128 41.0 32.6 48.8
54 56.7 45.4 68.0



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.166 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion: 152 Resp: 10344
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

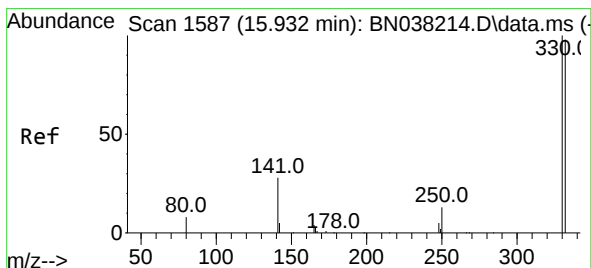
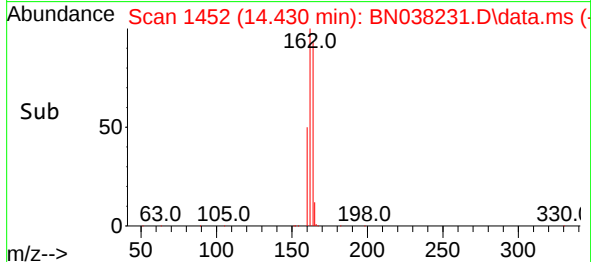
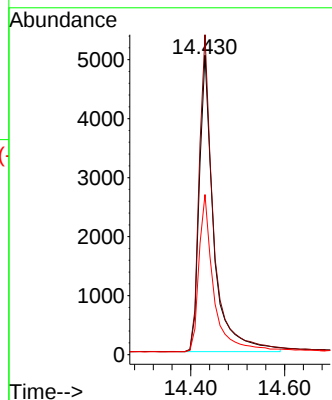
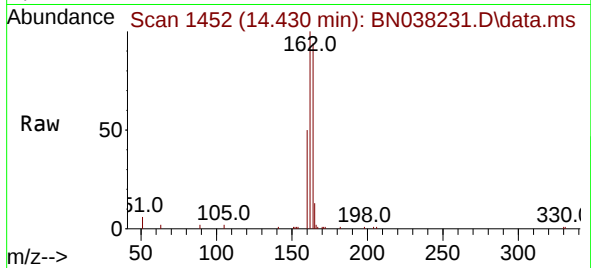




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

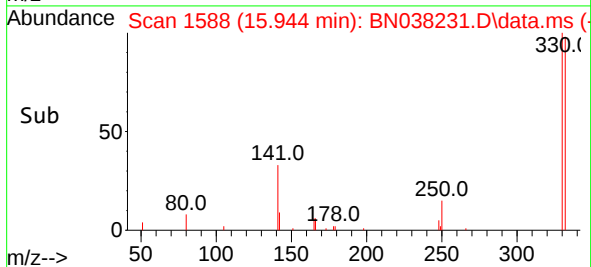
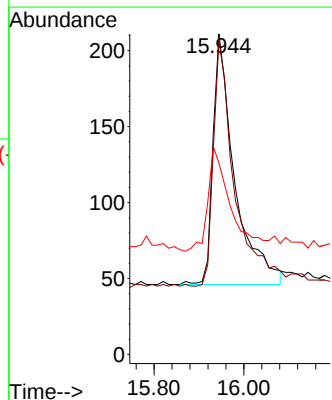
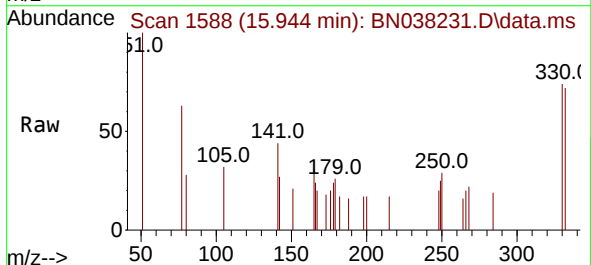
Instrument :
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ClientSampleId :
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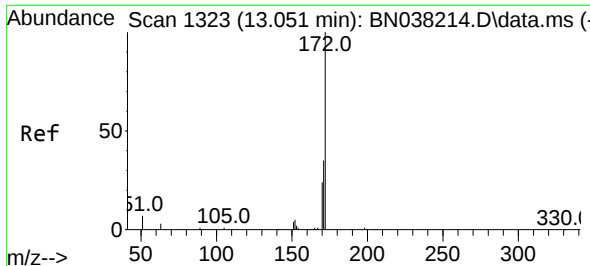
Tgt Ion:164 Resp: 10779
Ion Ratio Lower Upper
164 100
162 106.8 83.8 125.8
160 53.5 41.6 62.4



#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.944 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion:330 Resp: 556
Ion Ratio Lower Upper
330 100
332 95.7 77.8 116.6
141 43.3 33.0 49.4

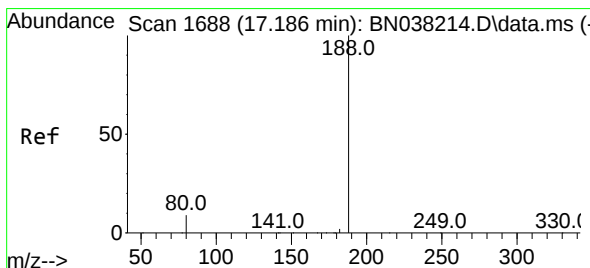
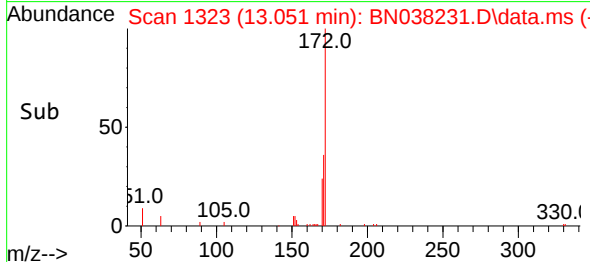
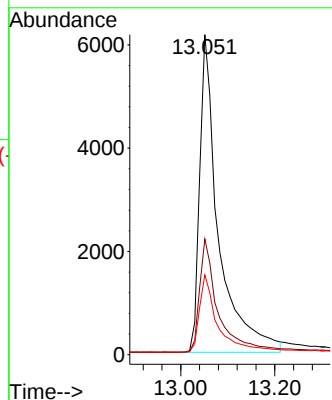
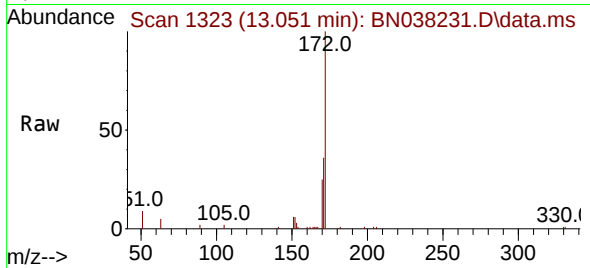




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

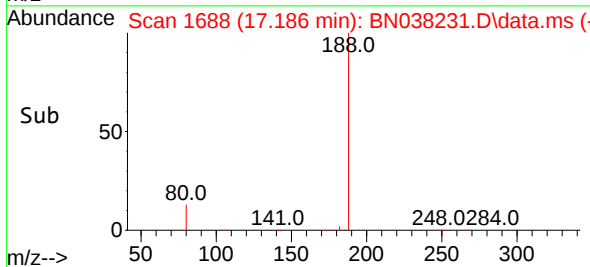
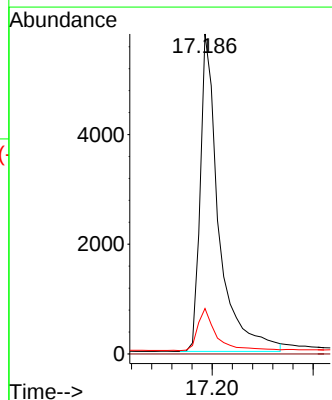
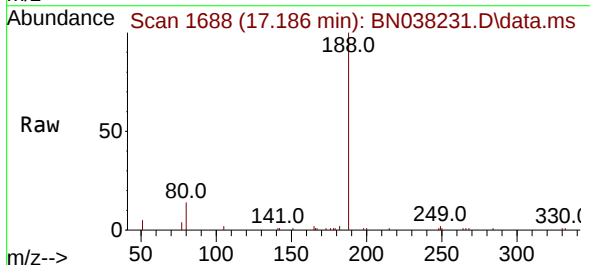
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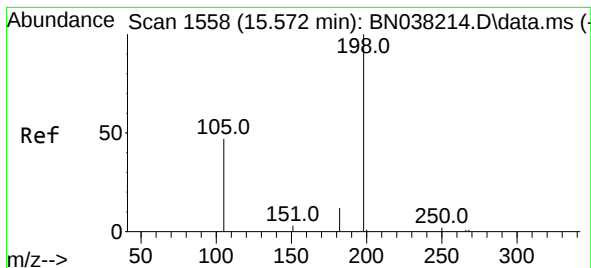
Tgt Ion:	172	Resp:	16277
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.1	42.1
170	25.0	19.1	28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion:	188	Resp:	14873
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.2	7.7	11.5

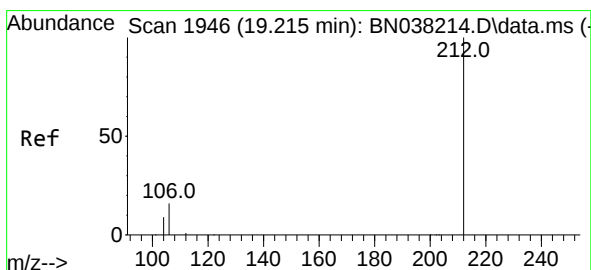
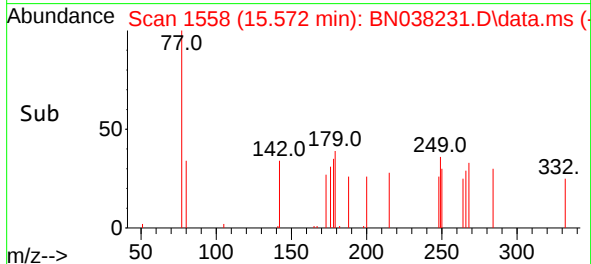
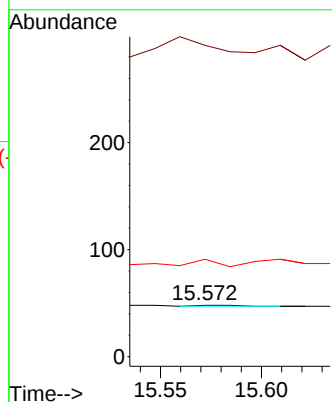
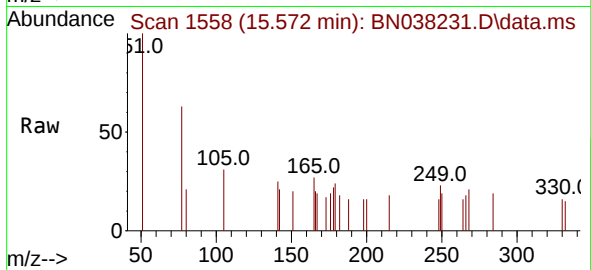




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.572 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

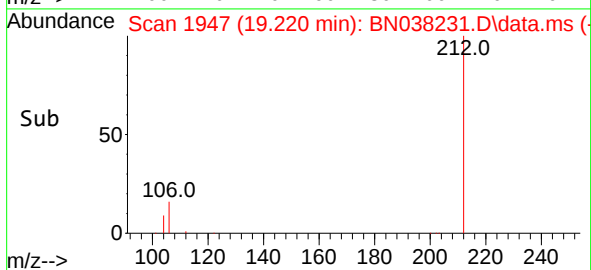
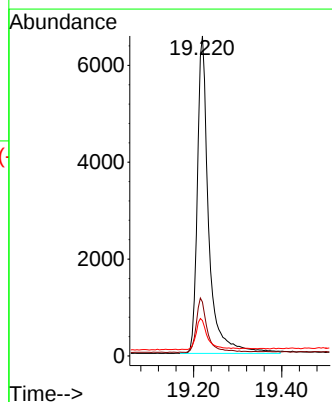
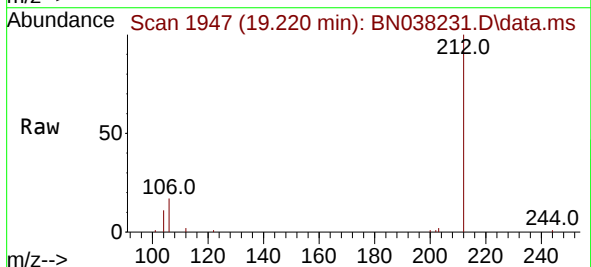
Instrument :
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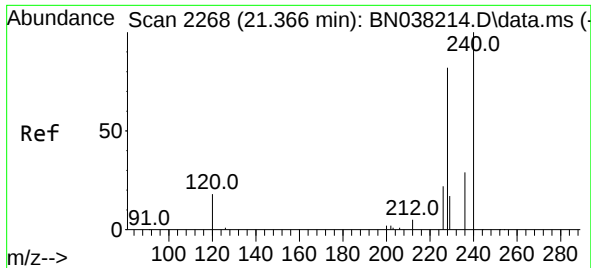
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 606.3 205.1 307.7#
105 189.6 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.005 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion:212 Resp: 11729
Ion Ratio Lower Upper
212 100
106 16.9 12.7 19.1
104 10.0 7.3 10.9

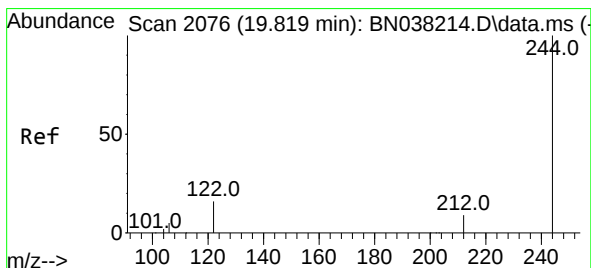
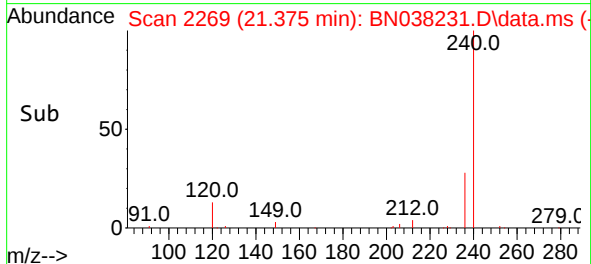
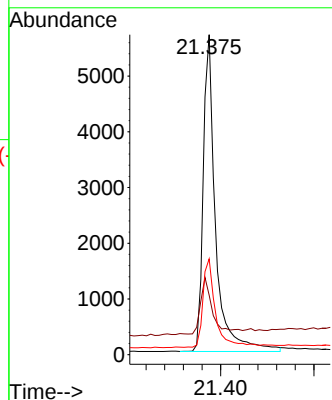
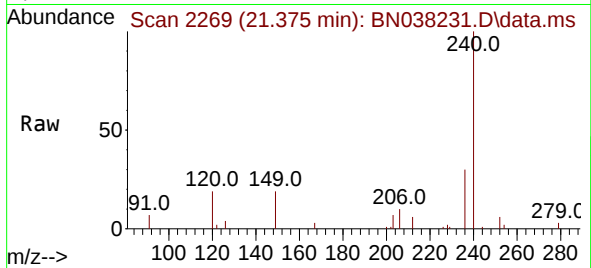




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

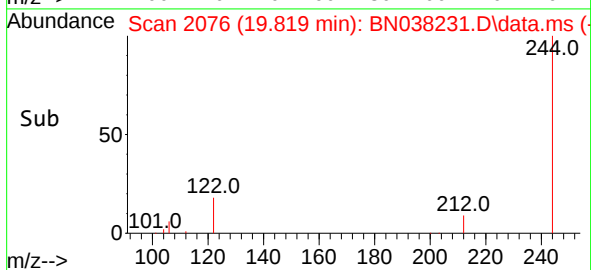
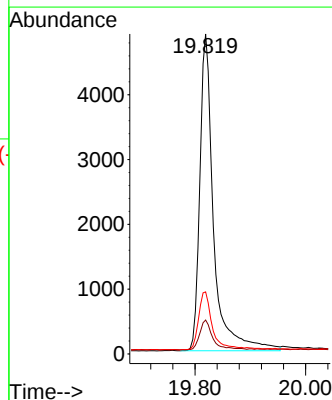
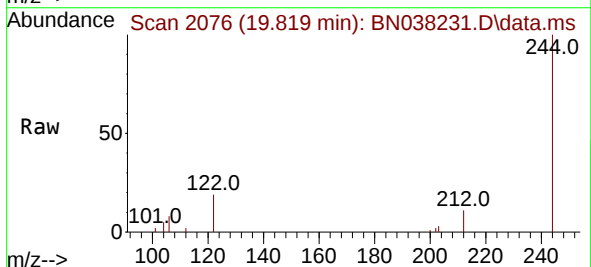
Instrument :
BNA_N
ClientSampleId :
PB170712BL

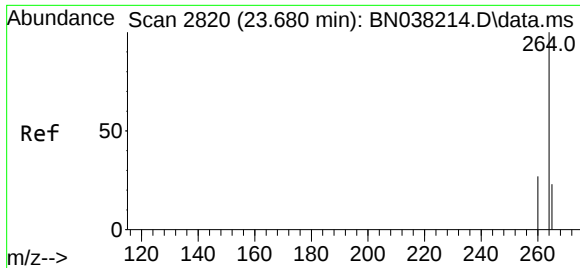
Tgt Ion:240 Resp: 10479
Ion Ratio Lower Upper
240 100
120 18.6 18.1 27.1
236 30.0 24.2 36.4



#31
Terphenyl-d14
Concen: 0.350 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Tgt Ion:244 Resp: 8472
Ion Ratio Lower Upper
244 100
212 10.6 7.7 11.5
122 19.4 13.6 20.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN038231.D

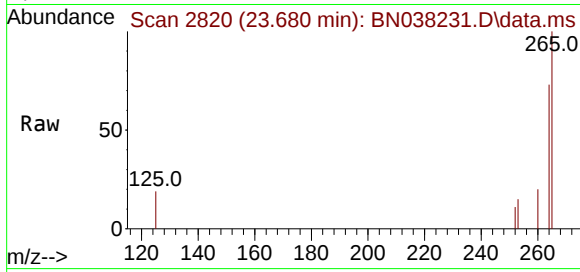
Acq: 01 Dec 2025 18:28

Instrument :

BNA_N

ClientSampleId :

PB170712BL



Tgt Ion:264 Resp: 10853

Ion Ratio Lower Upper

264 100

260 27.9 21.7 32.5

265 137.9 98.0 147.0

