

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

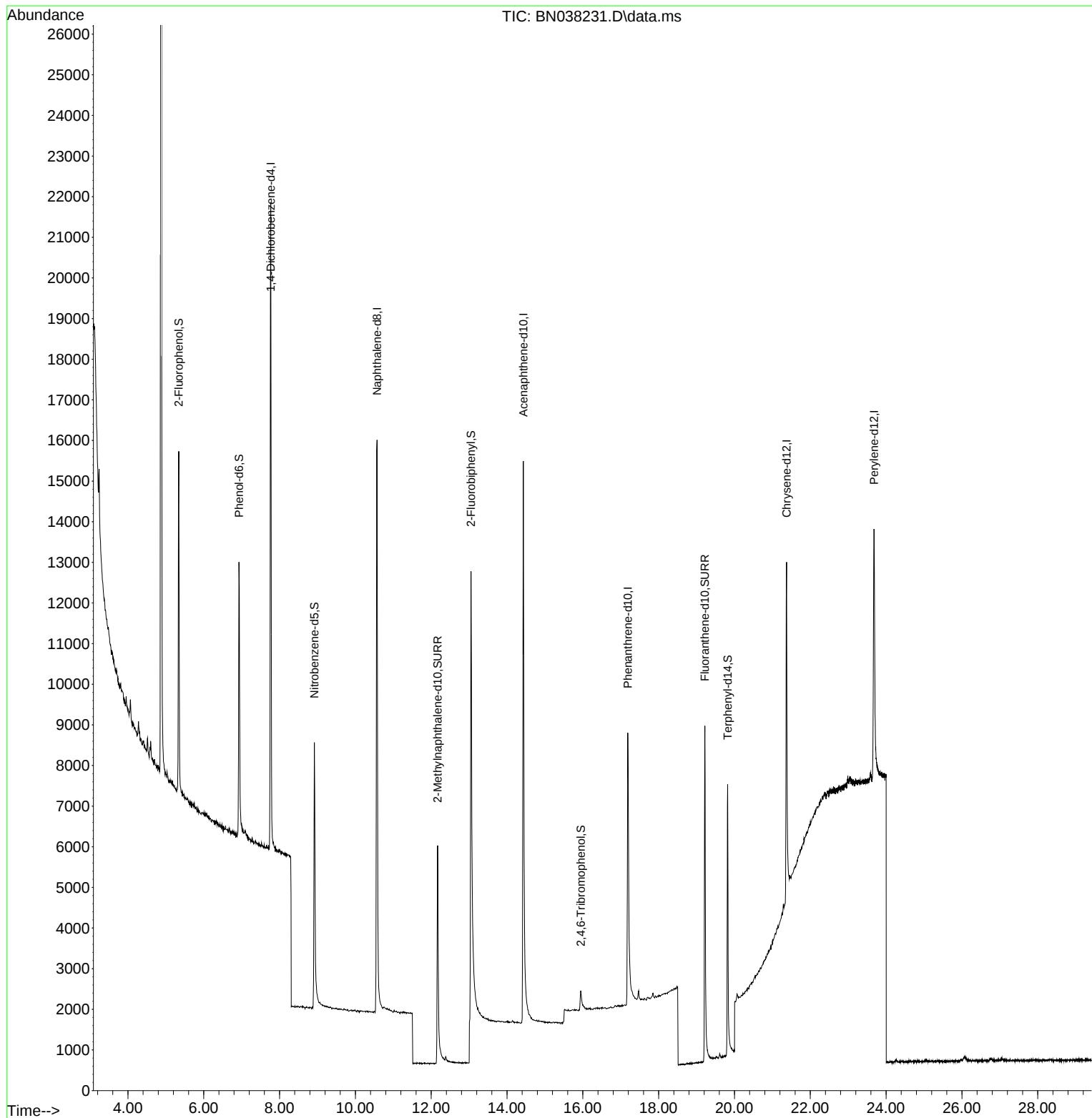
Target Compounds Qvalue

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

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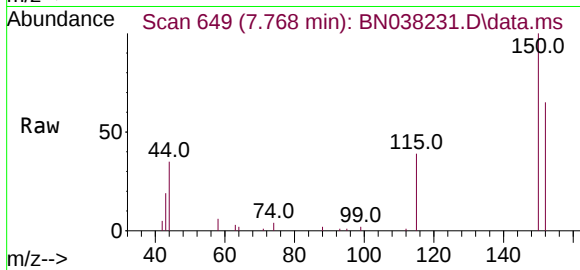
Quant Time: Dec 02 01:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
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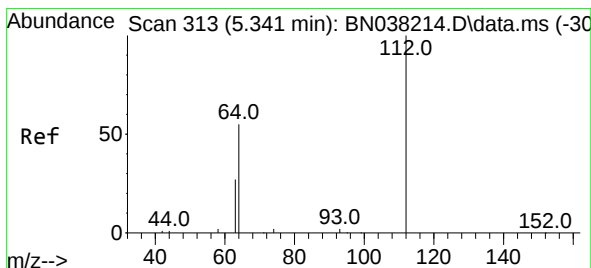
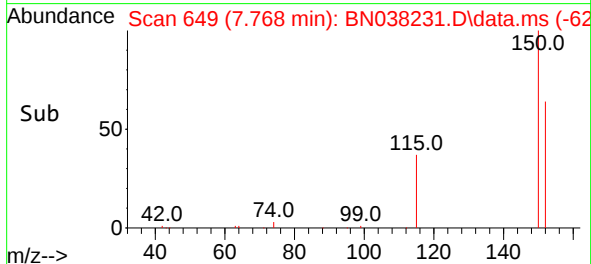
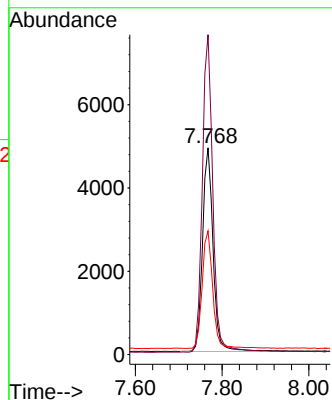


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Instrument :
BNA_N
ClientSampleId :
PB170712BL

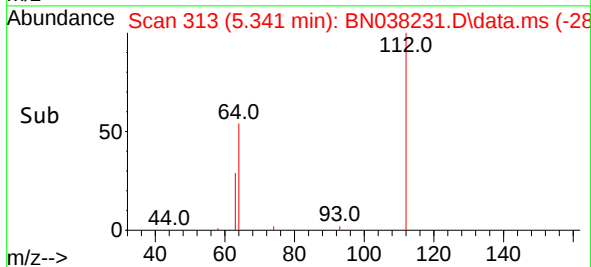
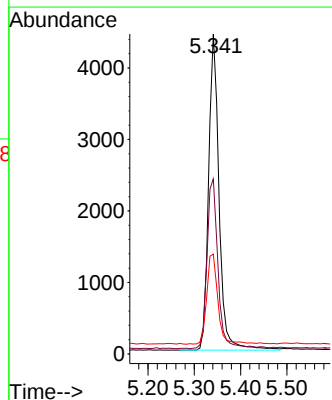
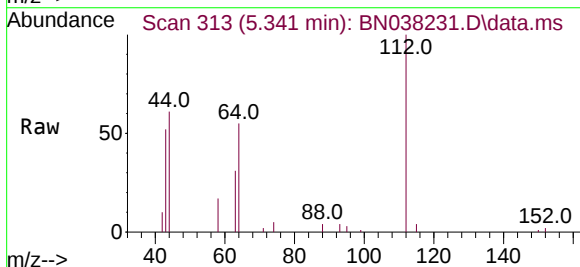


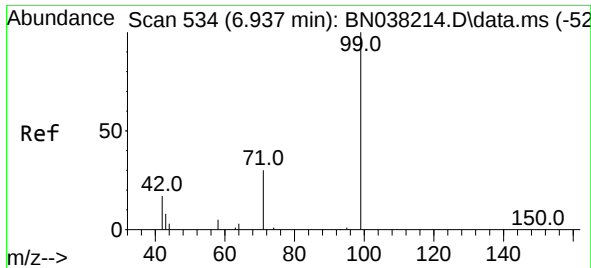
Tgt Ion:152 Resp: 8256
Ion Ratio Lower Upper
152 100
150 154.8 125.3 187.9
115 59.8 49.0 73.4



#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

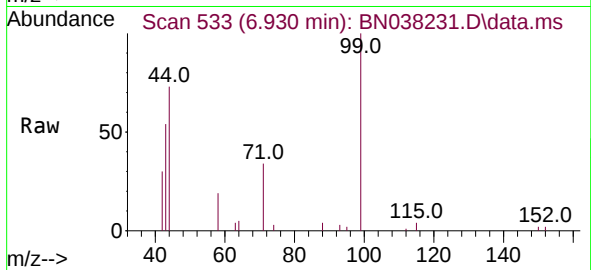
Tgt Ion:112 Resp: 6987
Ion Ratio Lower Upper
112 100
64 56.1 45.0 67.4
63 30.5 23.2 34.8



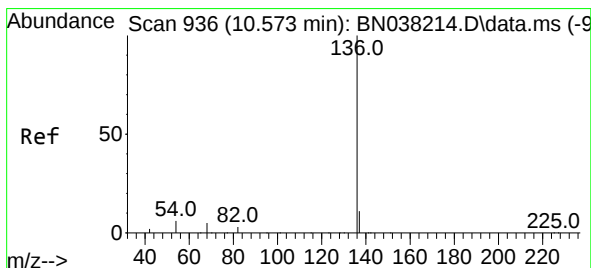
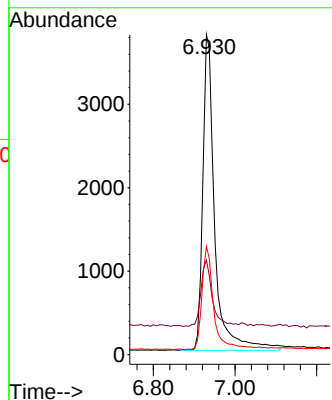
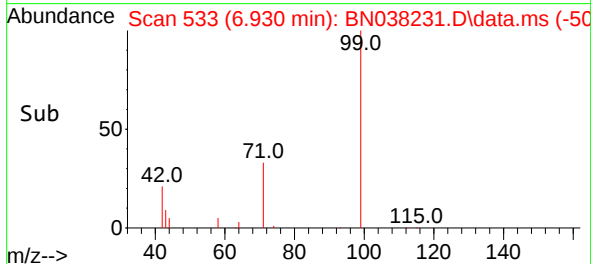


#5
Phenol-d6
Concen: 0.320 ng
RT: 6.930 min Scan# 534
Delta R.T. -0.007 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

Instrument :
BNA_N
ClientSampleId :
PB170712BL

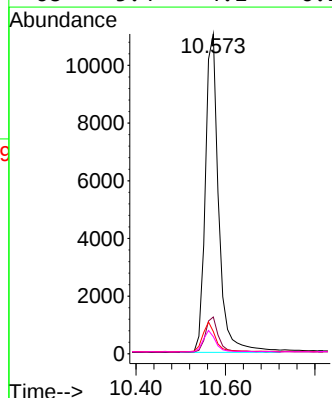
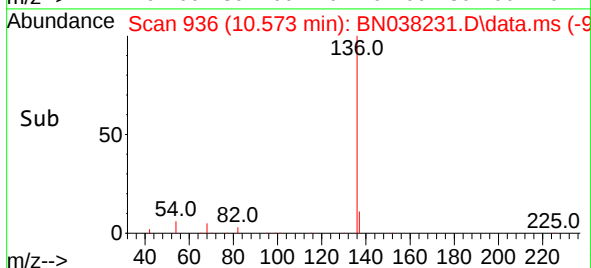
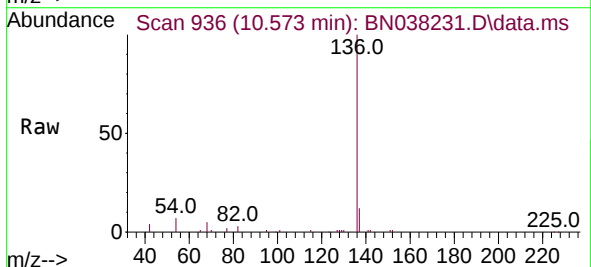


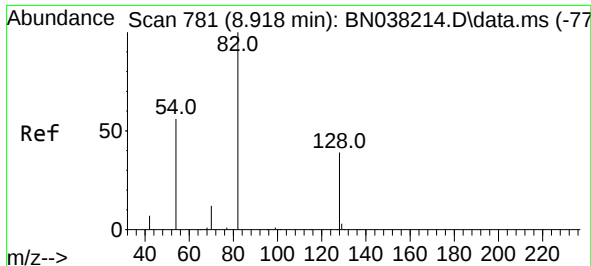
Tgt Ion:	99	Resp:	7715
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	32.9	25.4	38.2



#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

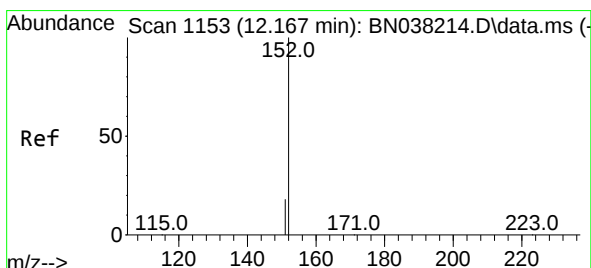
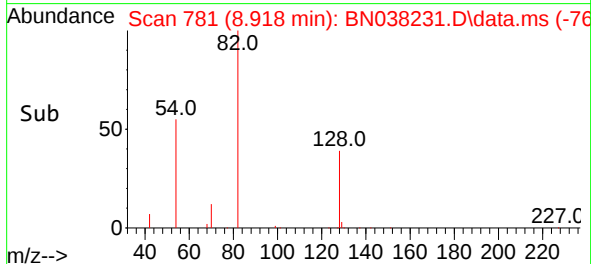
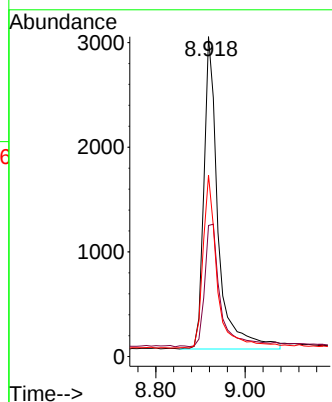
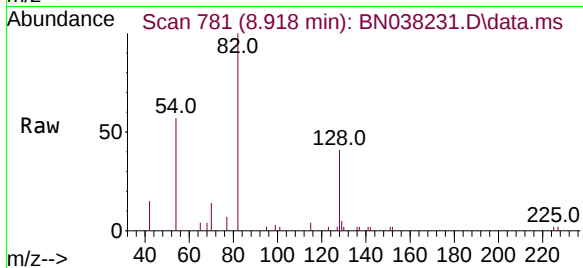




#8
 Nitrobenzene-d5
 Concen: 0.361 ng
 RT: 8.918 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: BN038231.D
 Acq: 01 Dec 2025 18:28

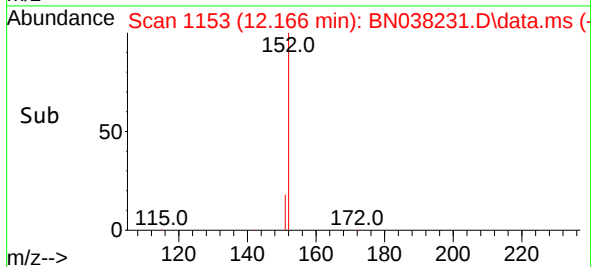
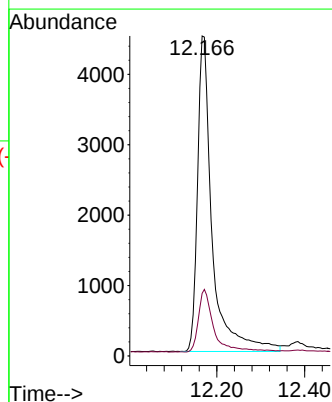
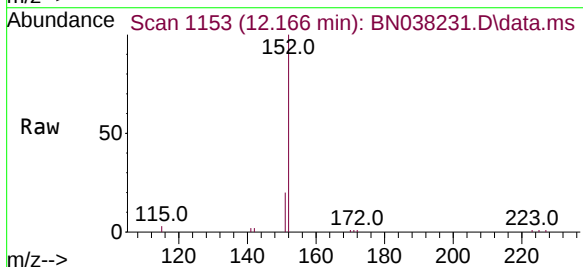
Instrument :
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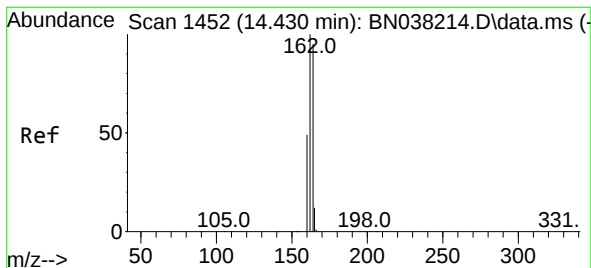
Tgt Ion: 82 Resp: 6631
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.6 48.8
 54 56.7 45.4 68.0



#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 :

BNA_N

ClientSampleId :

PB170712BL

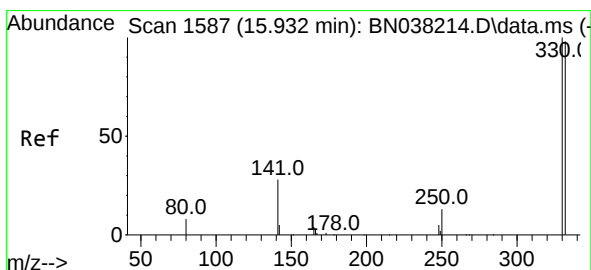
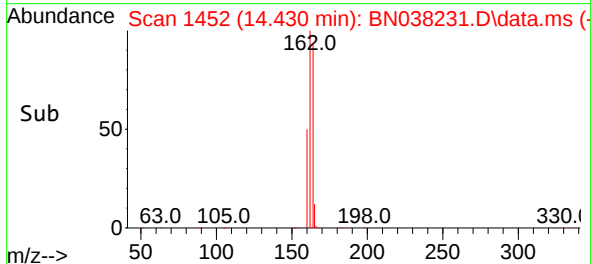
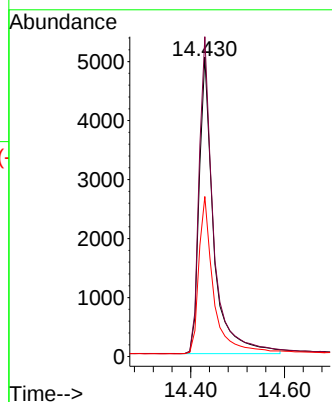
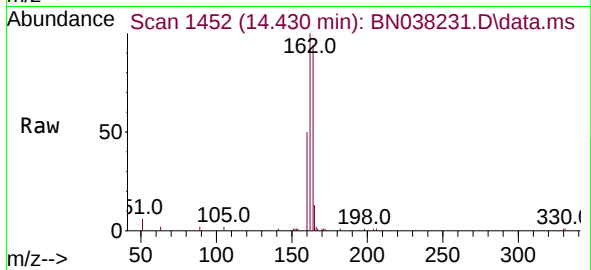
Tgt Ion:164 Resp: 10779

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

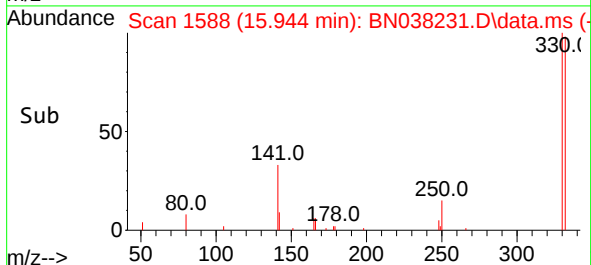
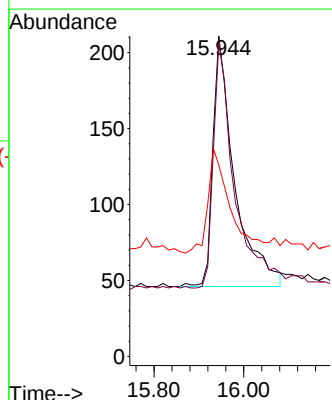
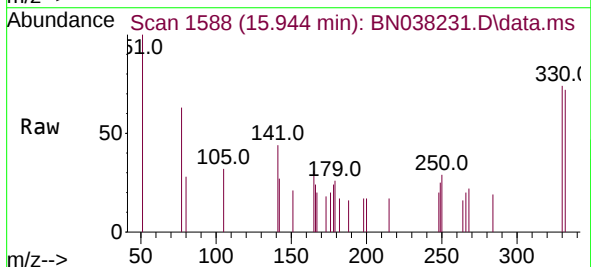
Tgt Ion:330 Resp: 556

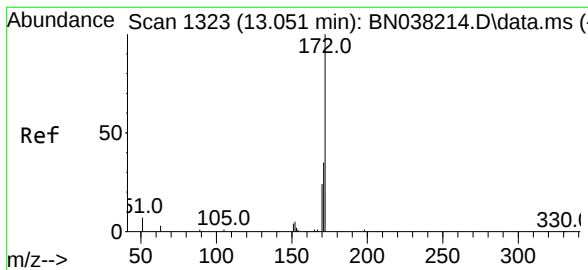
Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

141 43.3 33.0 49.4

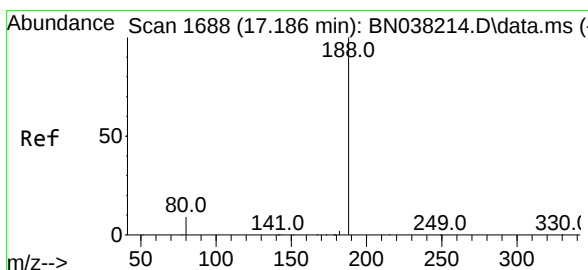
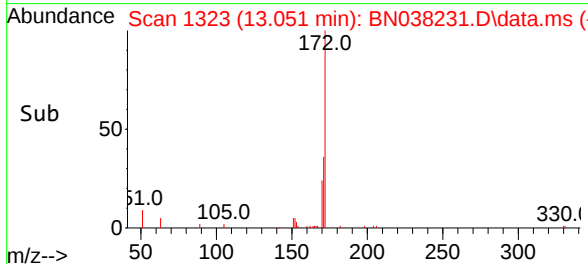
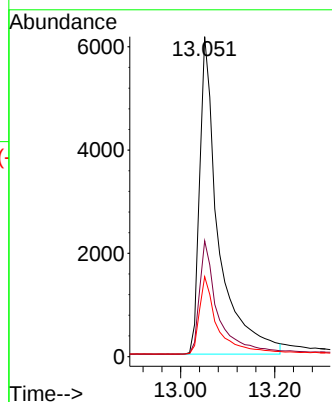
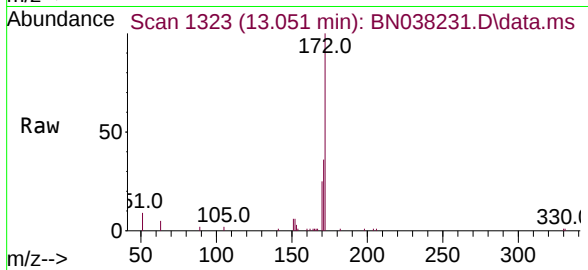




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.051 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

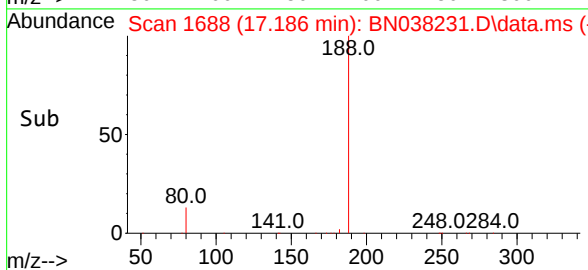
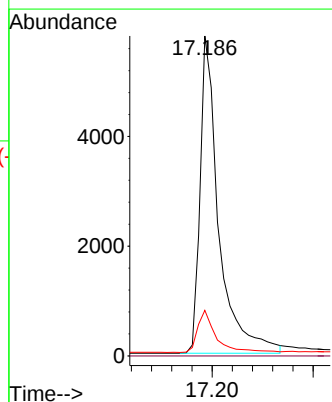
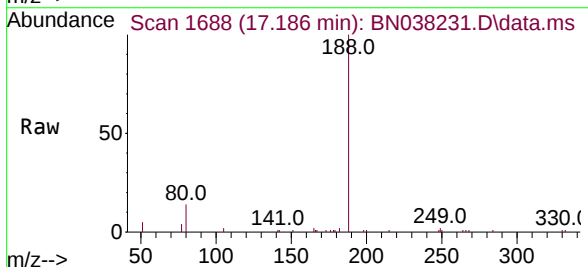
Instrument :
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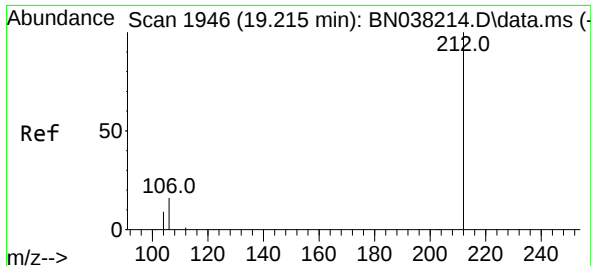
Tgt Ion:	172	Resp:	16277
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.1	42.1
170	25.0	19.1	28.7



#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

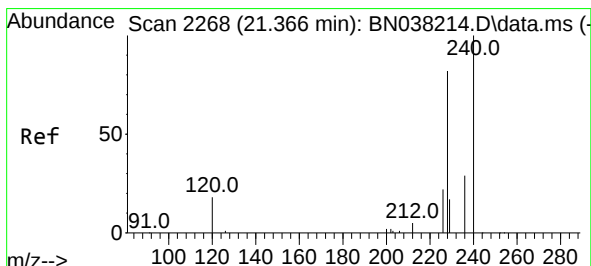
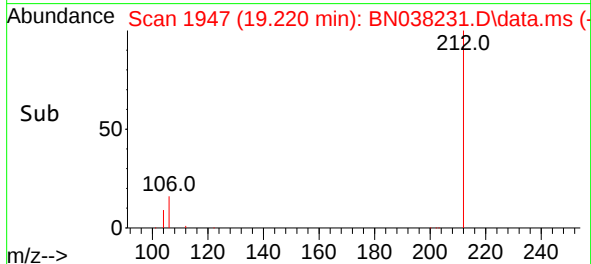
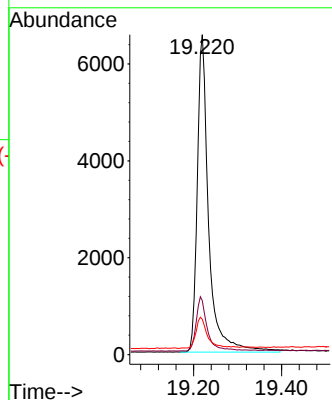
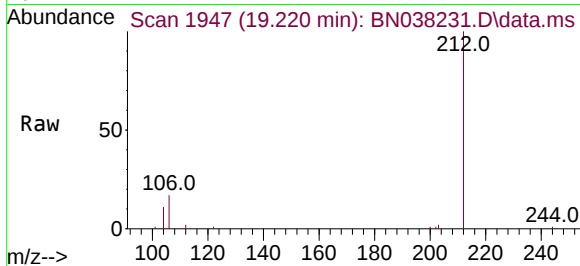




#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.220 min Scan# 1947
Delta R.T. 0.005 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

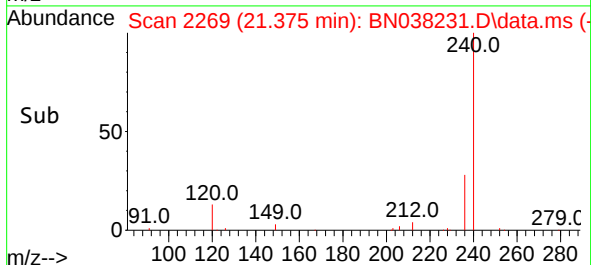
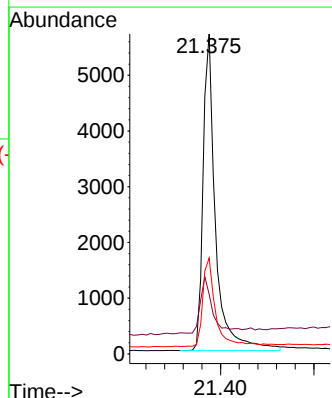
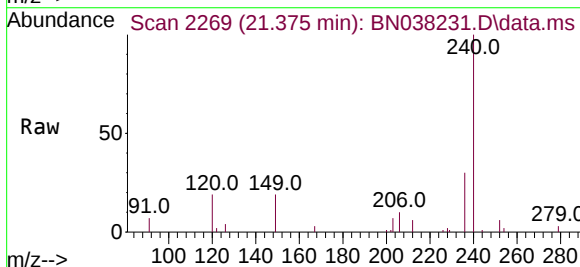
Instrument :
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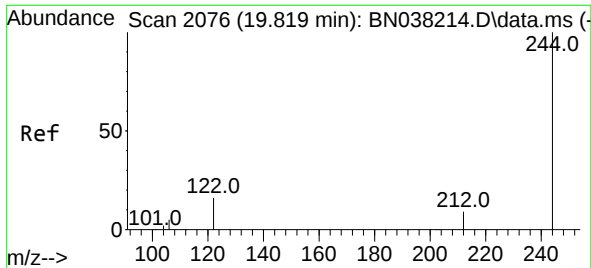
Tgt Ion:212 Resp: 11729
Ion Ratio Lower Upper
212 100
106 16.9 12.7 19.1
104 10.0 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. 0.009 min
Lab File: BN038231.D
Acq: 01 Dec 2025 18:28

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

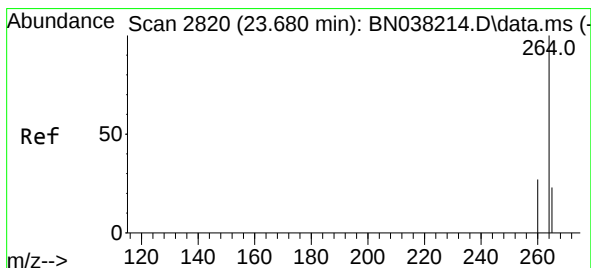
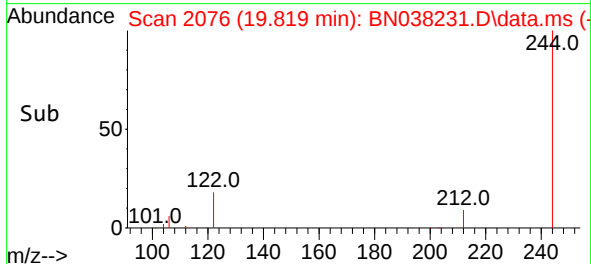
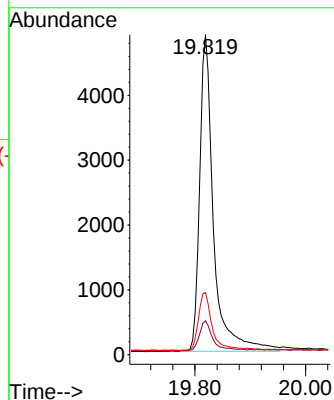
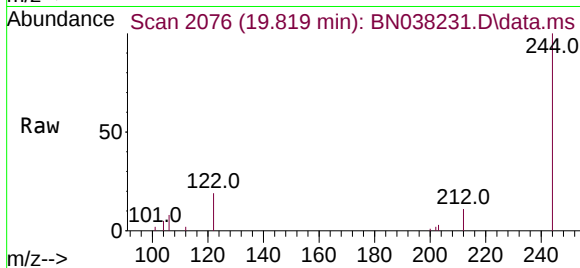




#31
 Terphenyl-d14
 Concen: 0.350 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038231.D
 Acq: 01 Dec 2025 18:28

Instrument :
 BNA_N
 ClientSampleId :
 PB170712BL

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# 2820
 Delta R.T. -0.000 min
 Lab File: BN038231.D
 Acq: 01 Dec 2025 18:28

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

