

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102825\
 Data File : BN038119.D
 Acq On : 28 Oct 2025 19:04
 Operator : RC/JU
 Sample : PB170167BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170167BL

Quant Time: Oct 28 19:31:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 28 17:15:13 2025
 Response via : Initial Calibration

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

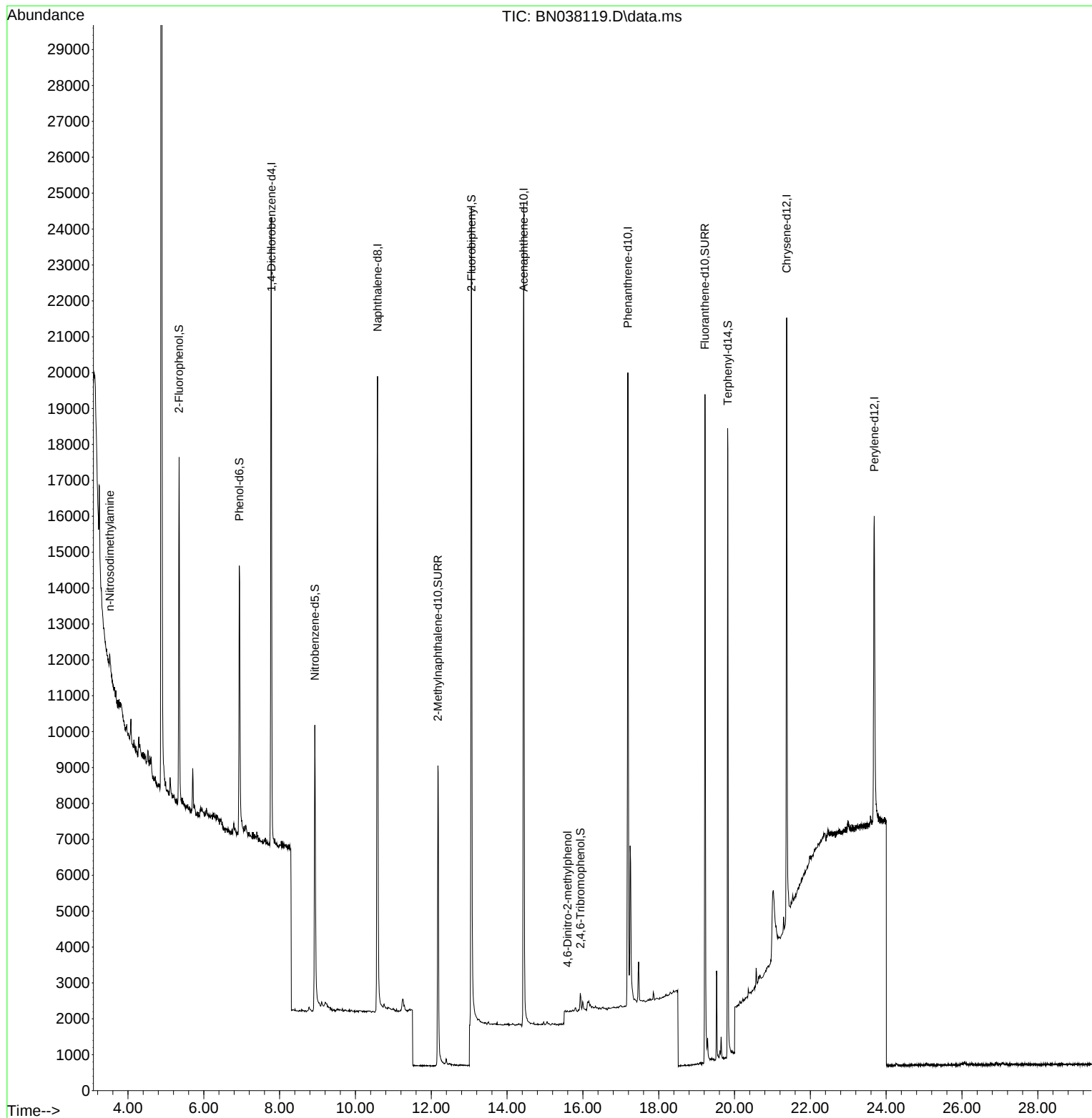
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	9392	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	26518	0.400	ng	0.01
13) Acenaphthene-d10	14.441	164	14197	0.400	ng	0.01
19) Phenanthrene-d10	17.186	188	25562	0.400	ng	0.00
29) Chrysene-d12	21.375	240	16610	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	13853	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	7940	0.359	ng	0.00
5) Phenol-d6	6.937	99	8785	0.326	ng	0.00
8) Nitrobenzene-d5	8.929	82	7731	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.177	152	13376	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	363	0.062	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	23012	0.405	ng	0.01
27) Fluoranthene-d10	19.220	212	22135	0.343	ng	0.00
31) Terphenyl-d14	19.824	244	17649	0.489	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.521	42	256	0.020	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.597	198	9	0.127	ng	# 1

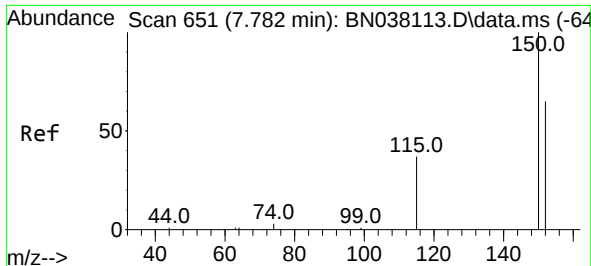
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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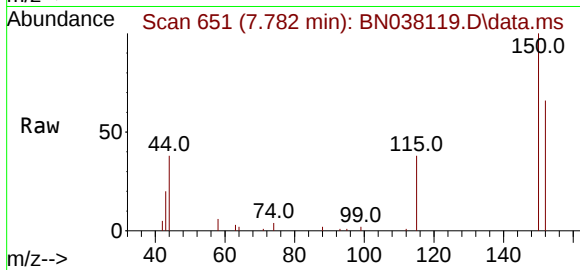
Quant Time: Oct 28 19:31:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 28 17:15:13 2025
Response via : Initial Calibration



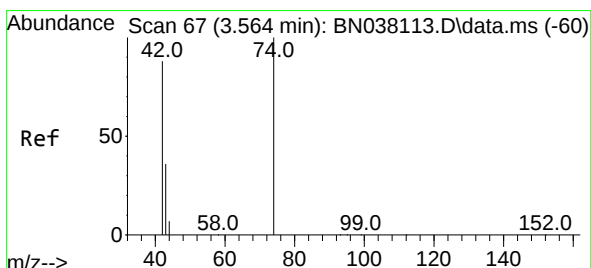
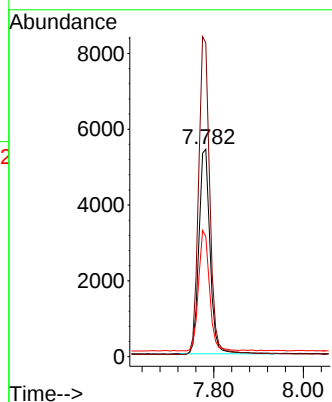
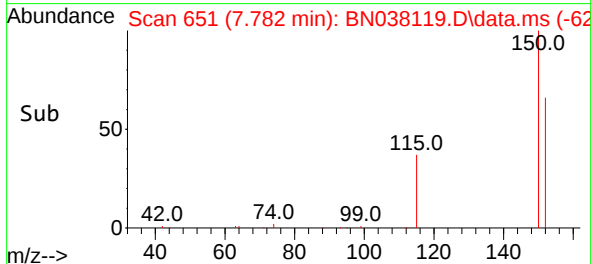


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Instrument :
BNA_N
ClientSampleId :
PB170167BL

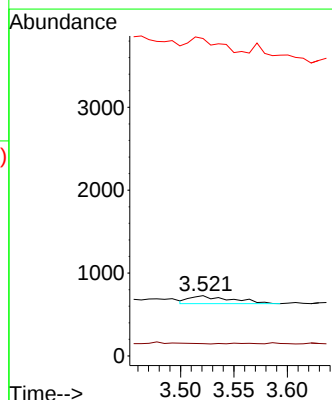
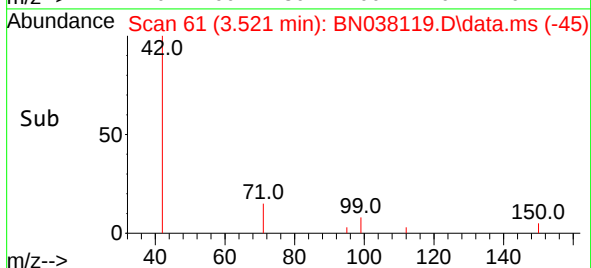
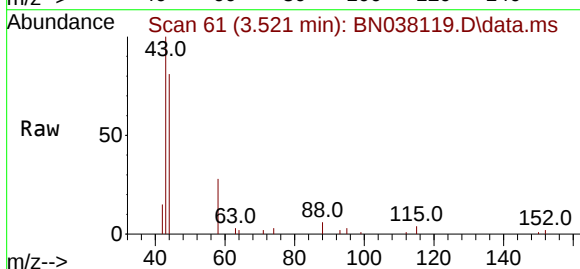


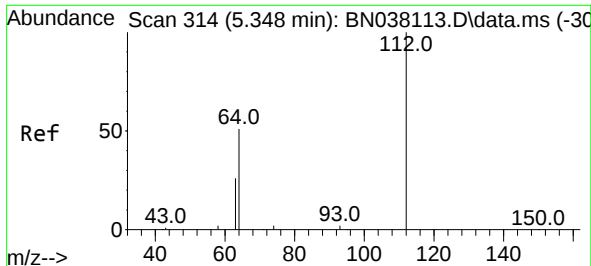
Tgt Ion:152 Resp: 9392
Ion Ratio Lower Upper
152 100
150 151.3 122.3 183.5
115 57.9 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.521 min Scan# 61
Delta R.T. -0.036 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion: 42 Resp: 256
Ion Ratio Lower Upper
42 100
74 0.0 96.8 145.2#
44 0.0 5.3 7.9#

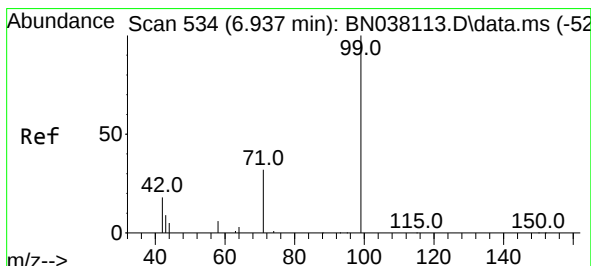
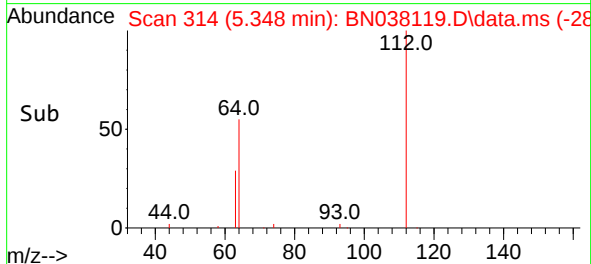
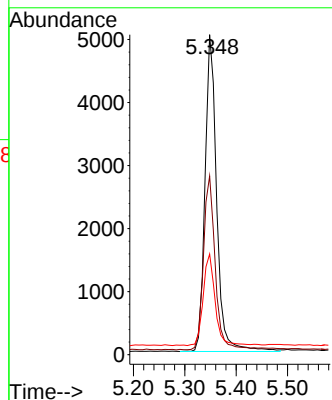
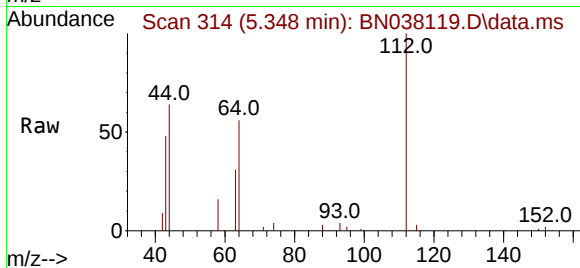




#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

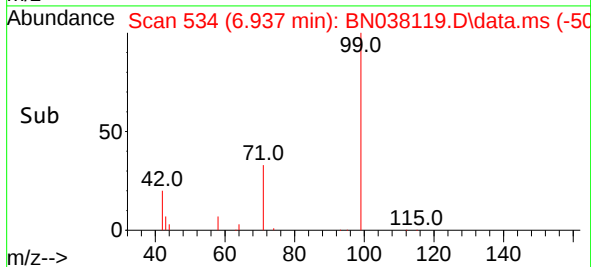
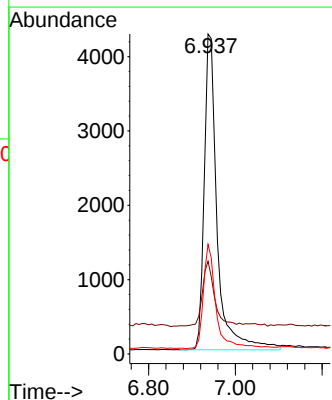
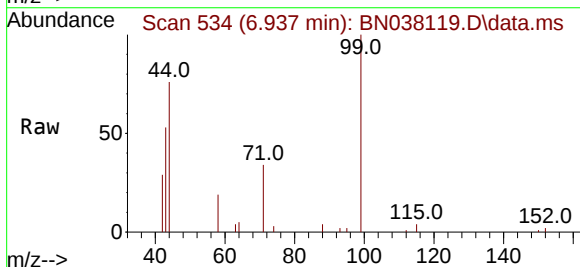
Instrument :
BNA_N
ClientSampleId :
PB170167BL

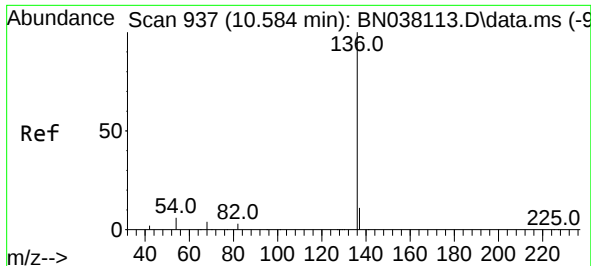
Tgt Ion:112 Resp: 7940
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.0
63 29.7 23.2 34.8



#5
Phenol-d6
Concen: 0.326 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion: 99 Resp: 8785
Ion Ratio Lower Upper
99 100
42 19.3 16.6 24.8
71 32.3 25.4 38.2

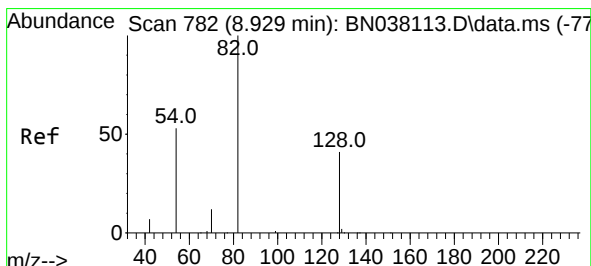
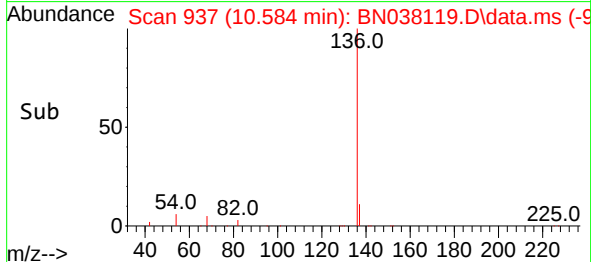
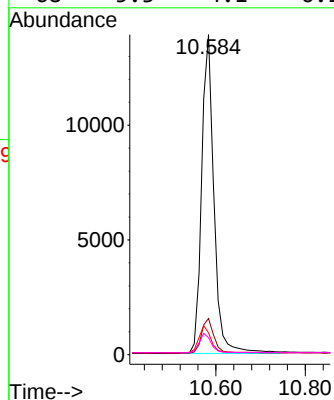
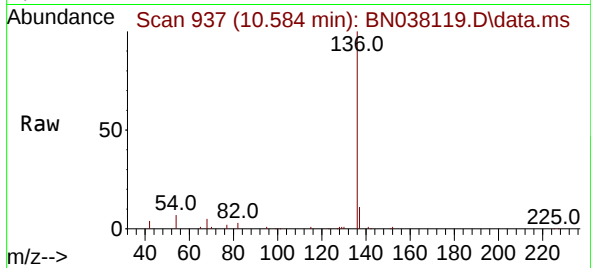




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

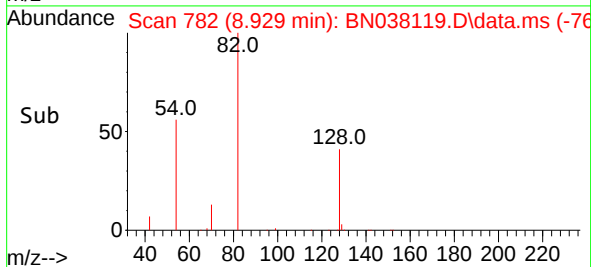
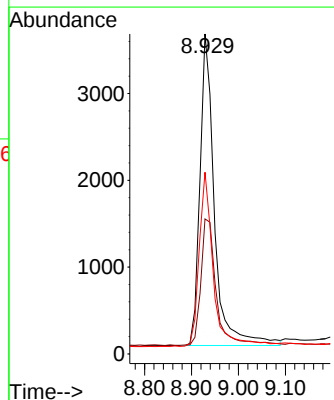
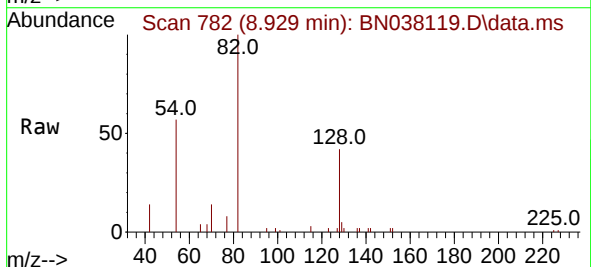
Instrument :
BNA_N
ClientSampleId :
PB170167BL

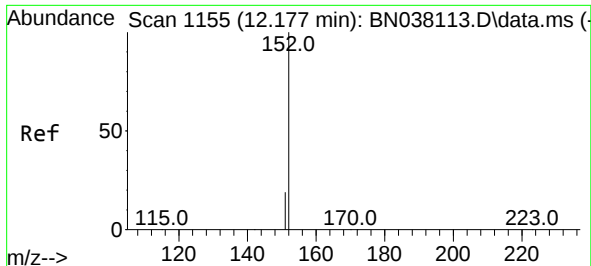
Tgt Ion:	136	Resp:	26518
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.8	5.2	7.8
68	5.3	4.1	6.1



#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:	82	Resp:	7731
Ion Ratio	Lower	Upper	
82	100		
128	42.2	34.1	51.1
54	56.8	43.5	65.3

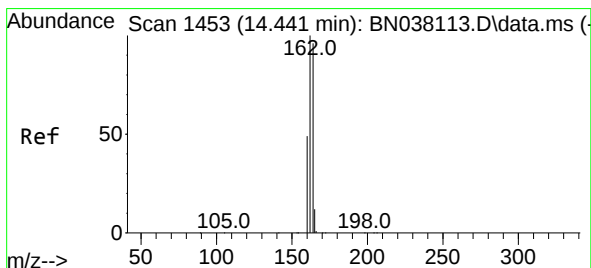
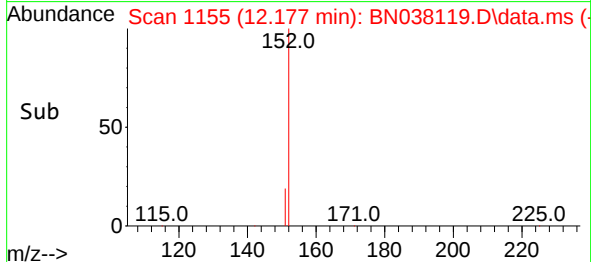
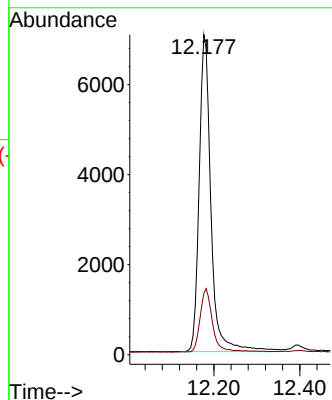
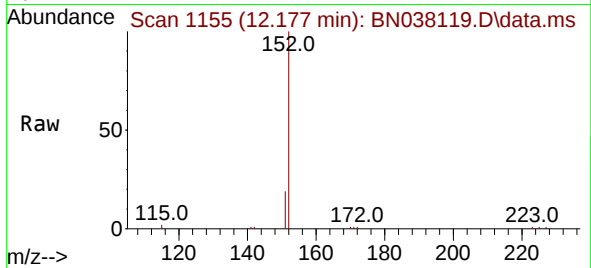




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

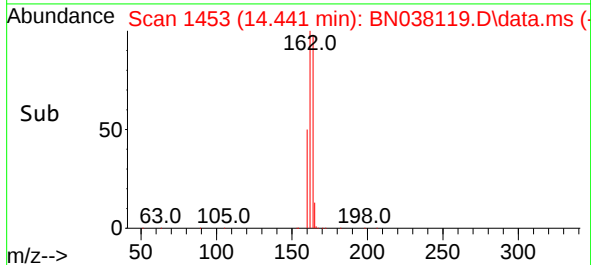
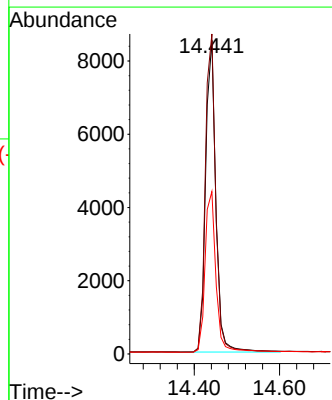
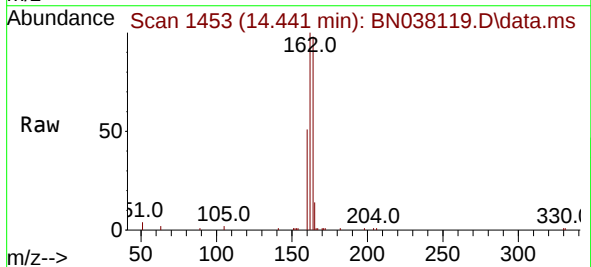
Instrument :
BNA_N
ClientSampleId :
PB170167BL

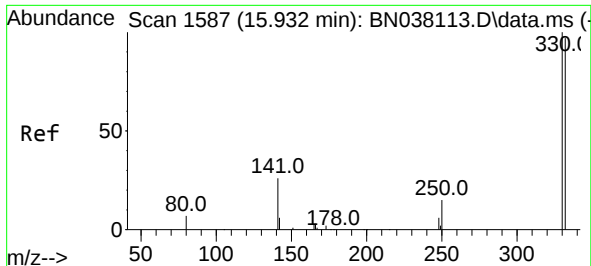
Tgt Ion:152 Resp: 13376
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:164 Resp: 14197
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 51.8 40.7 61.1

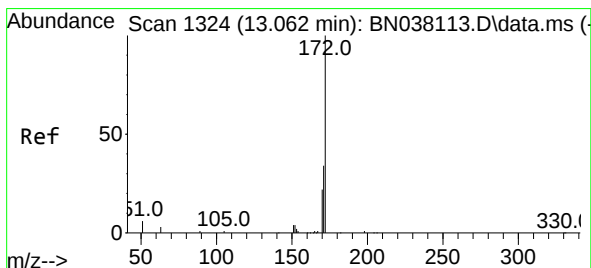
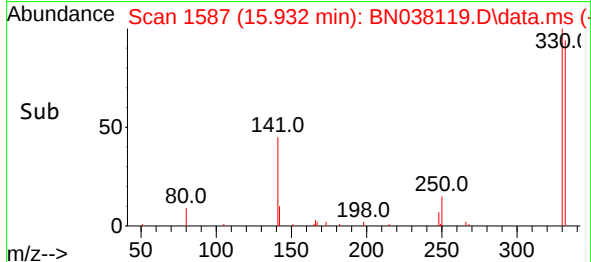
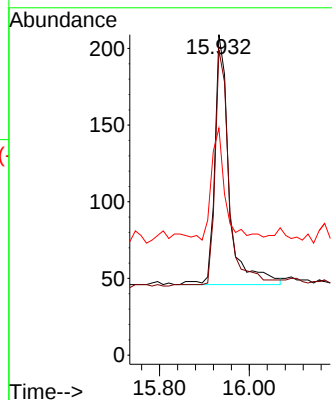
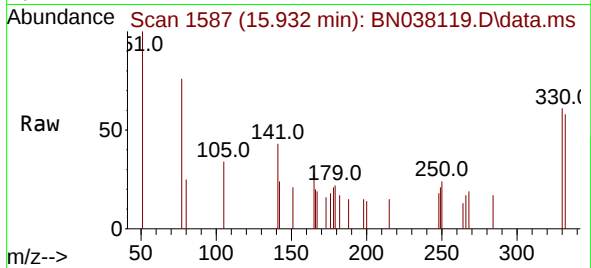




#14
2,4,6-Tribromophenol
Concen: 0.062 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

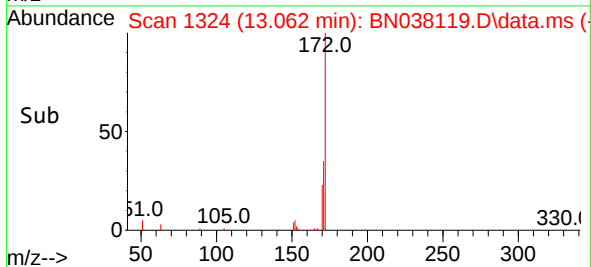
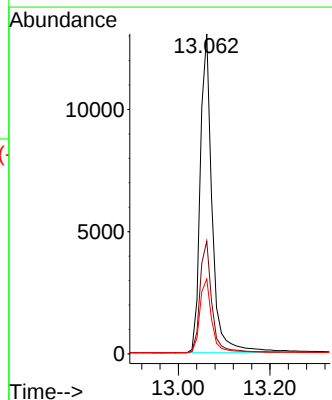
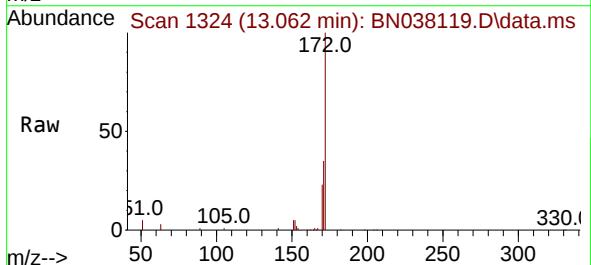
Instrument :
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PB170167BL

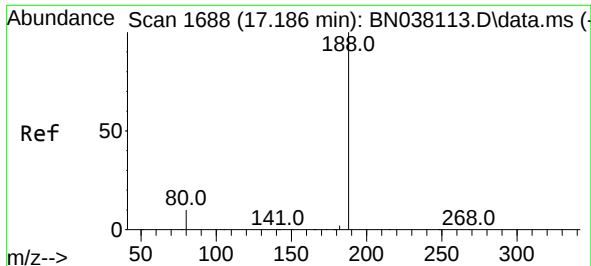
Tgt Ion:330 Resp: 363
Ion Ratio Lower Upper
330 100
332 90.1 76.6 114.8
141 44.9 34.1 51.1



#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.062 min Scan# 1324
Delta R.T. 0.011 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:172 Resp: 23012
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN038119.D

Acq: 28 Oct 2025 19:04

Instrument :

BNA_N

ClientSampleId :

PB170167BL

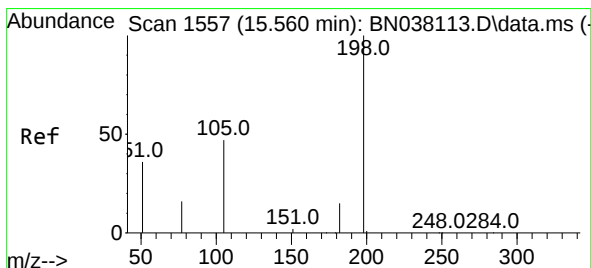
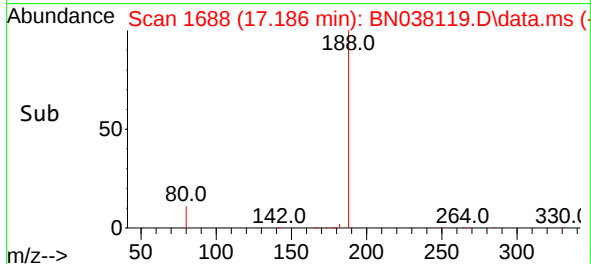
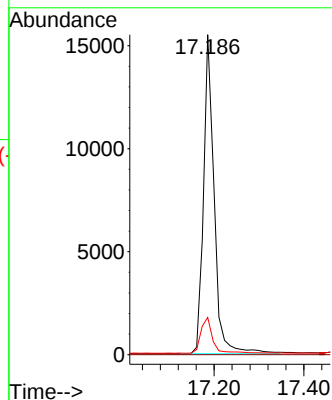
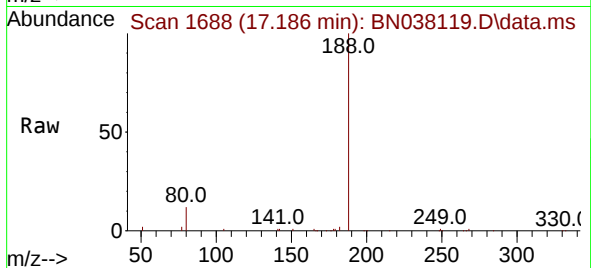
Tgt Ion:188 Resp: 25562

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 8.6 13.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.127 ng

RT: 15.597 min Scan# 1560

Delta R.T. 0.037 min

Lab File: BN038119.D

Acq: 28 Oct 2025 19:04

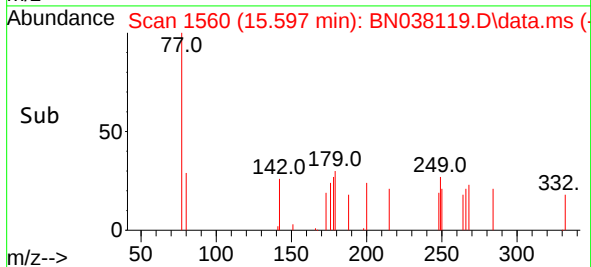
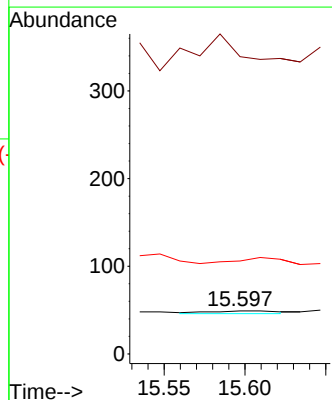
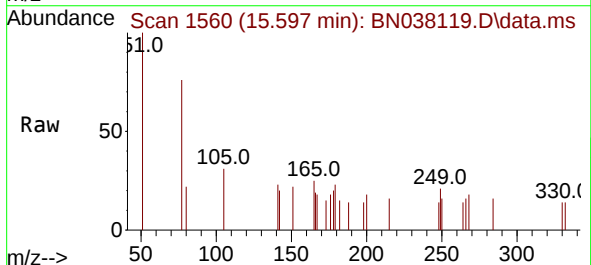
Tgt Ion:198 Resp: 9

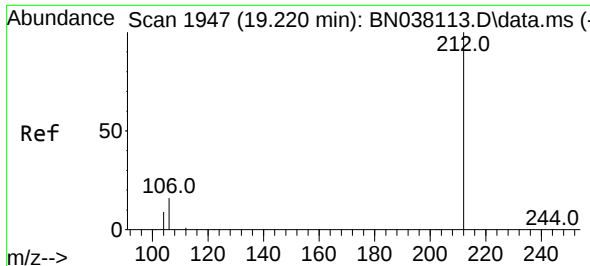
Ion Ratio Lower Upper

198 100

51 691.8 88.9 133.3#

105 216.3 49.2 73.8#

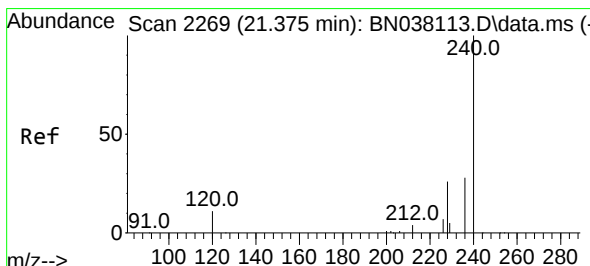
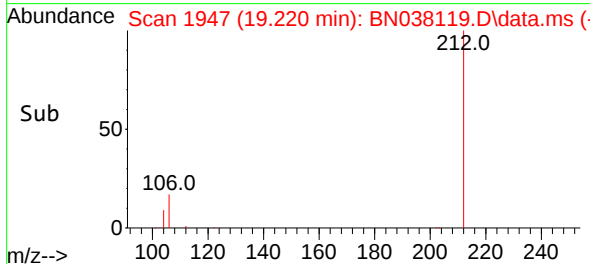
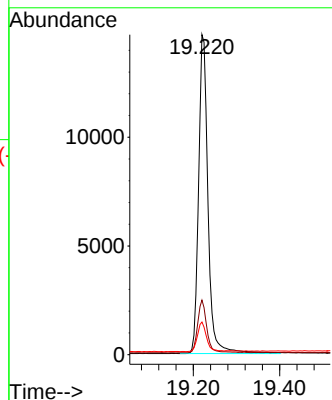
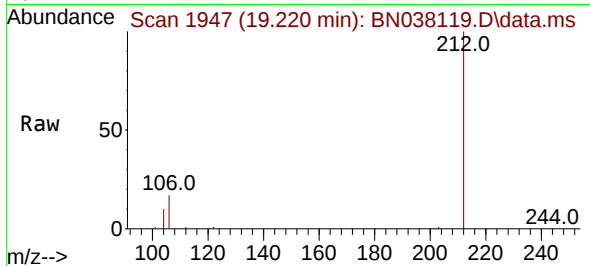




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

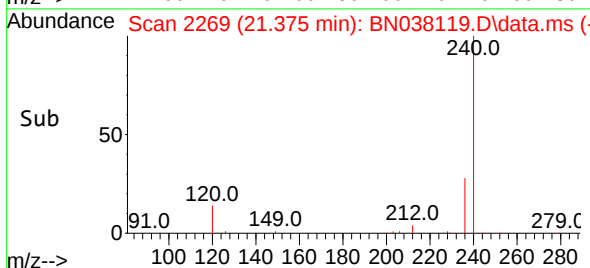
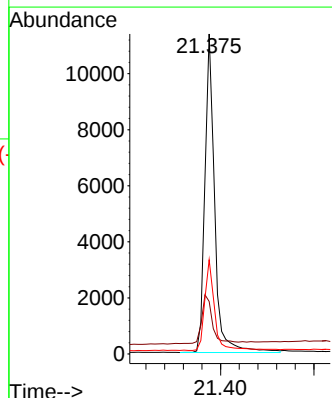
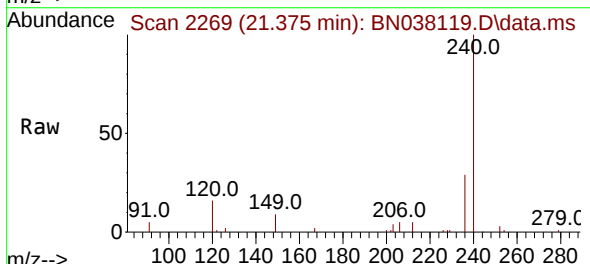
Instrument :
BNA_N
ClientSampleId :
PB170167BL

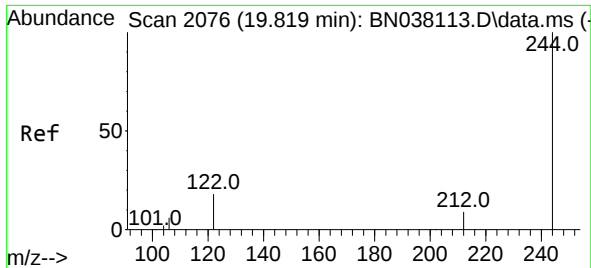
Tgt Ion:212 Resp: 22135
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 8.9 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN038119.D
Acq: 28 Oct 2025 19:04

Tgt Ion:240 Resp: 16610
Ion Ratio Lower Upper
240 100
120 16.4 10.7 16.1#
236 29.5 23.1 34.7

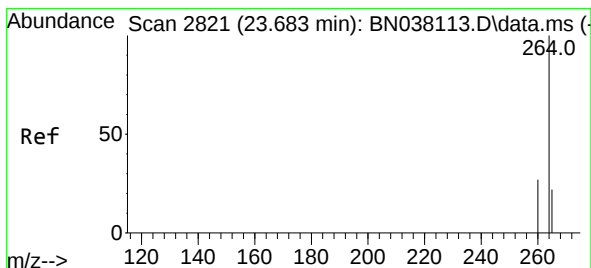
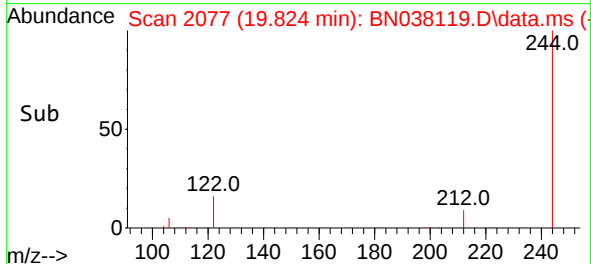
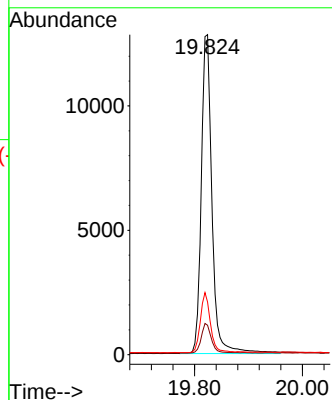
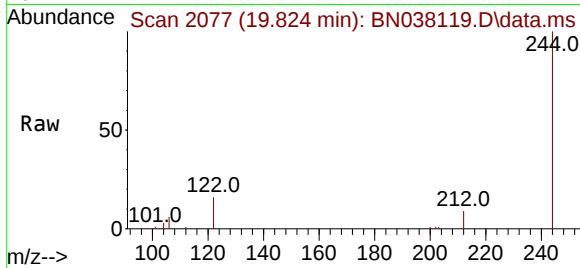




#31
 Terphenyl-d14
 Concen: 0.489 ng
 RT: 19.824 min Scan# 2076
 Delta R.T. 0.005 min
 Lab File: BN038119.D
 Acq: 28 Oct 2025 19:04

Instrument :
 BNA_N
 ClientSampleId :
 PB170167BL

Tgt Ion:244 Resp: 17649
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.8 11.6
 122 16.4 15.2 22.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2822
 Delta R.T. 0.006 min
 Lab File: BN038119.D
 Acq: 28 Oct 2025 19:04

Tgt Ion:264 Resp: 13853
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 100.8 68.6 102.8

