

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038233.D
 Acq On : 01 Dec 2025 19:40
 Operator : RC/JU
 Sample : Q3618-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 01:09:19 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)

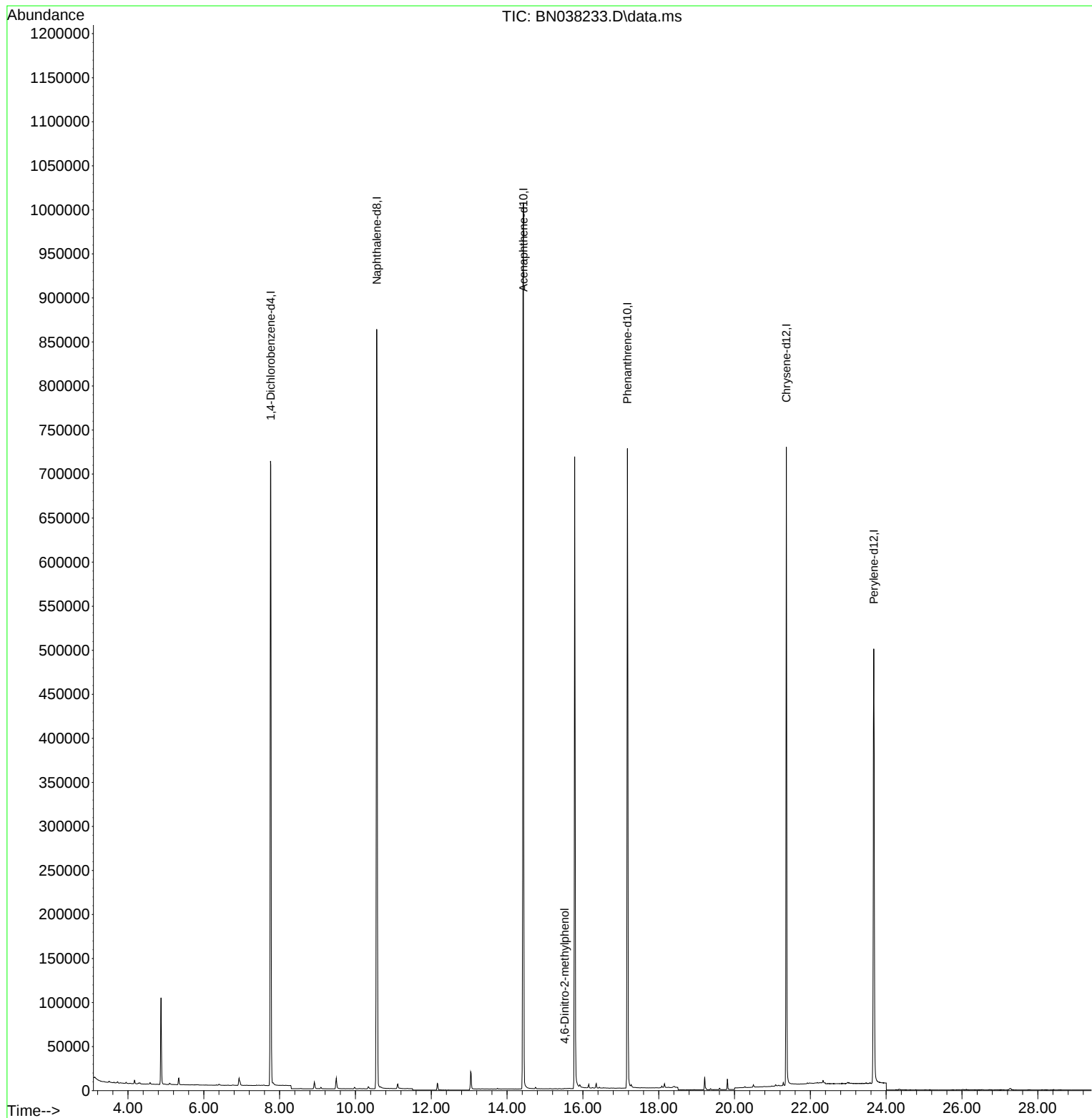
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	365029	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	1126186	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	604193	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	957558	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	619195	0.400	ng	# 0.00
35) Perylene-d12	23.674	264	661677	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	6428	0.008	ng	0.00
5) Phenol-d6	6.930	99	7934	0.007	ng	0.00
8) Nitrobenzene-d5	8.918	82	6640	0.007	ng	0.00
11) 2-Methylnaphthalene-d10	12.162	152	11077	0.007	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1345	0.007	ng	-0.01
15) 2-Fluorobiphenyl	13.041	172	18227	0.008	ng	-0.01
27) Fluoranthene-d10	19.215	212	15396	0.007	ng	0.00
31) Terphenyl-d14	19.815	244	11552	0.008	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.523	198	12	0.172	ng	# 1

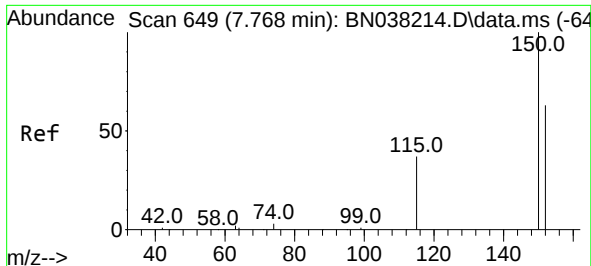
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
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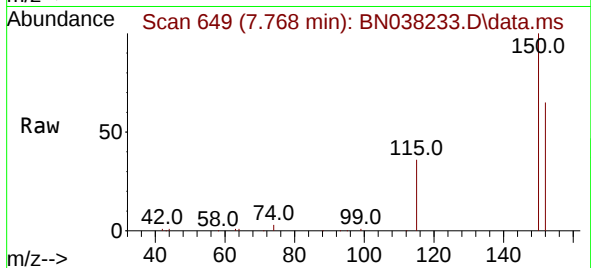
Quant Time: Dec 02 01:09:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



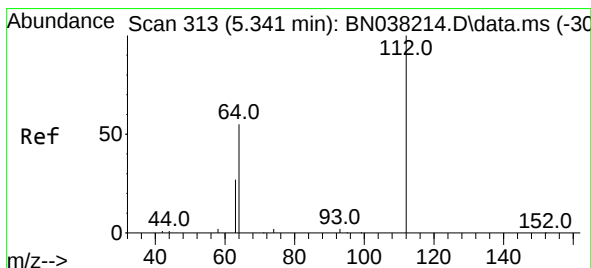
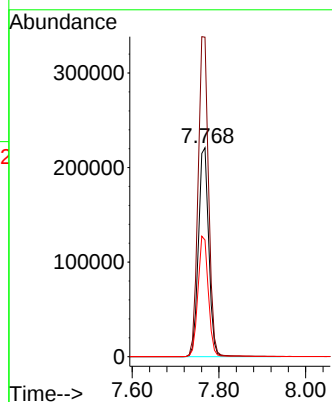
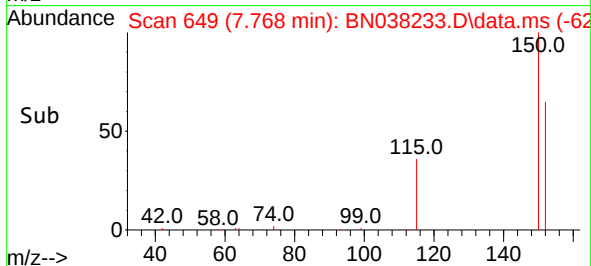


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Instrument :
BNA_N
ClientSampleId :

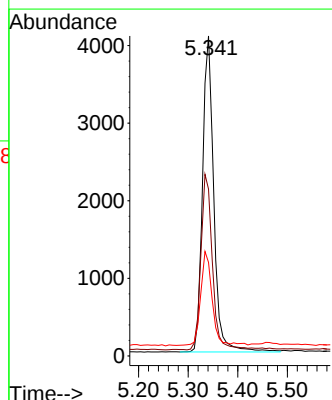
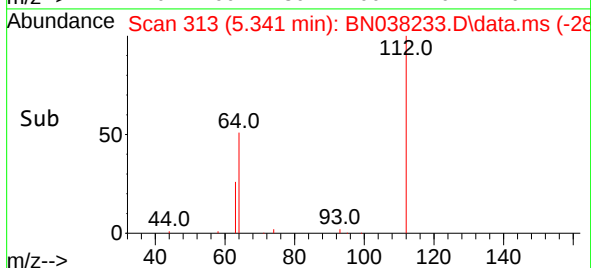
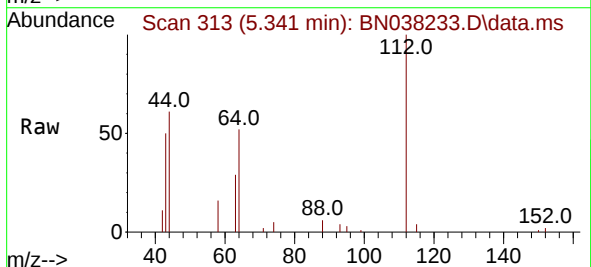


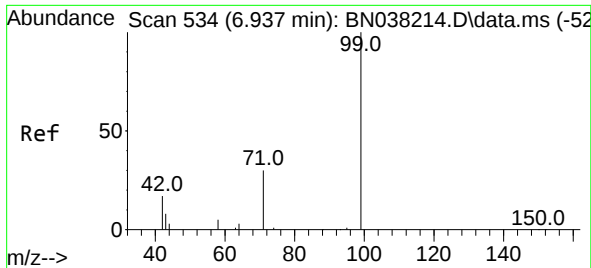
Tgt Ion:152 Resp: 365029
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 55.8 49.0 73.4



#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

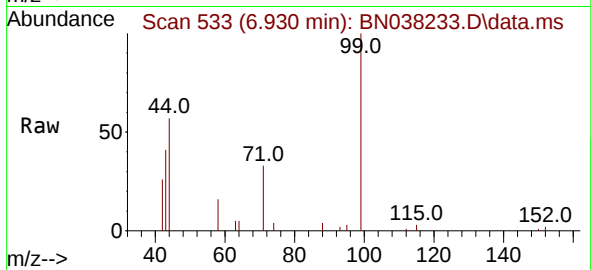
Tgt Ion:112 Resp: 6428
Ion Ratio Lower Upper
112 100
64 56.8 45.0 67.4
63 29.6 23.2 34.8



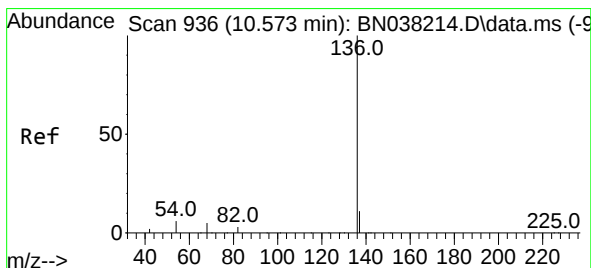
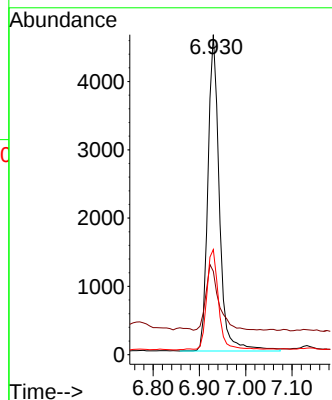
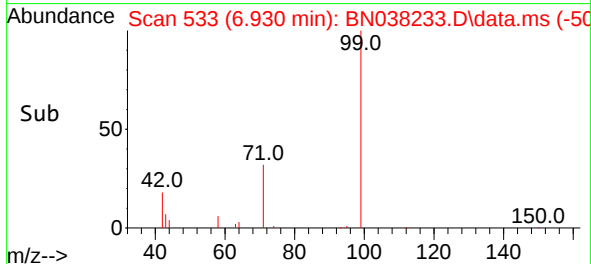


#5
Phenol-d6
Concen: 0.007 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Instrument :
BNA_N
ClientSampleId :

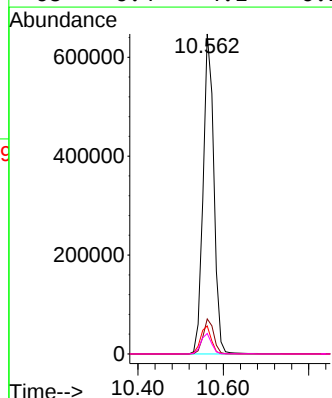
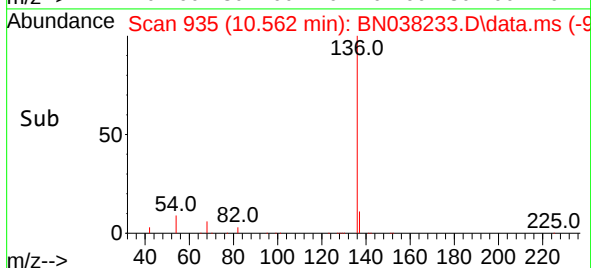
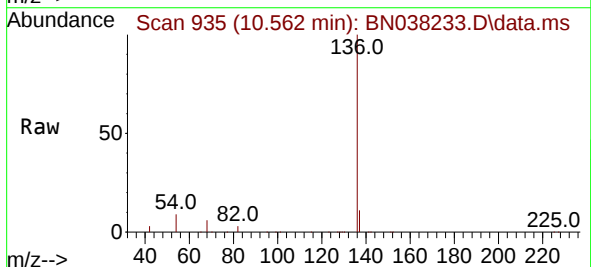


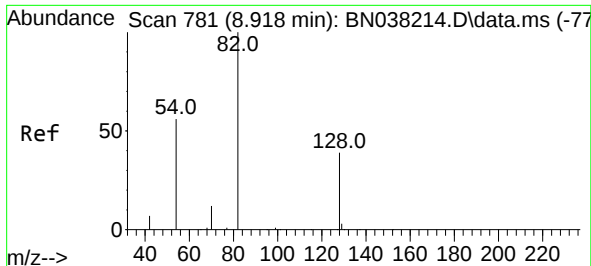
Tgt Ion:	99	Resp:	7934
Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.0	25.6
71	32.9	25.4	38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:	136	Resp:	1126186
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	5.4	8.0#
68	6.4	4.1	6.1#

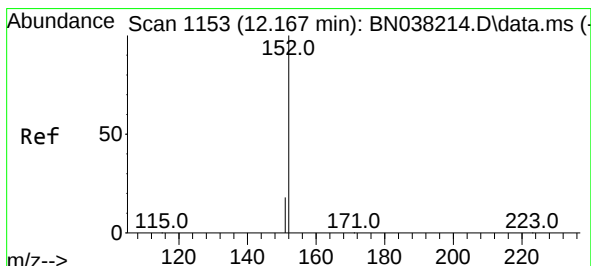
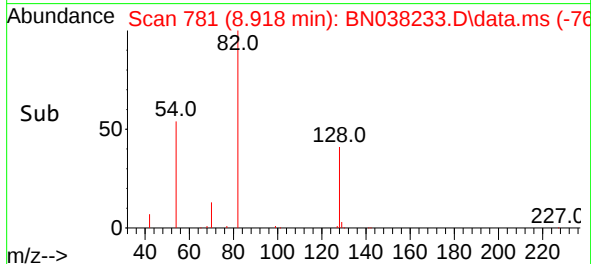
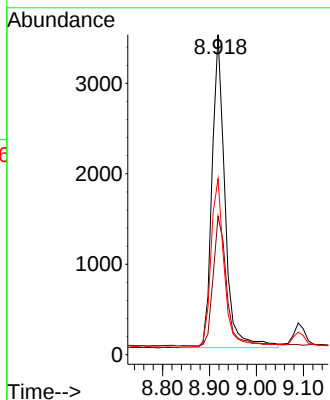
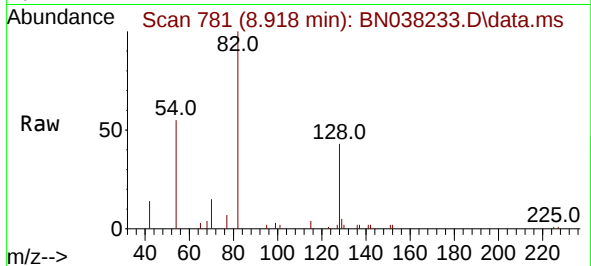




#8
Nitrobenzene-d5
Concen: 0.007 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

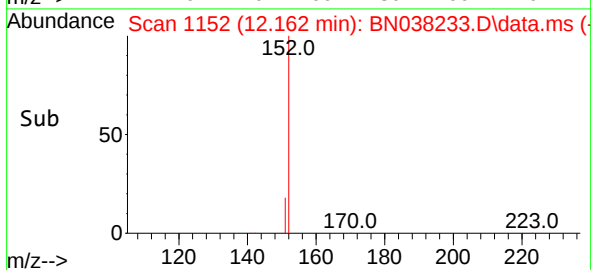
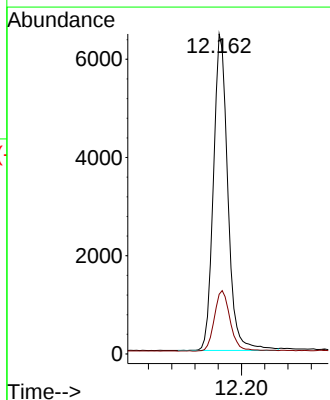
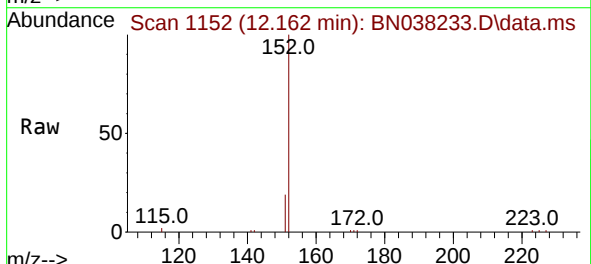
Instrument :
BNA_N
ClientSampleId :

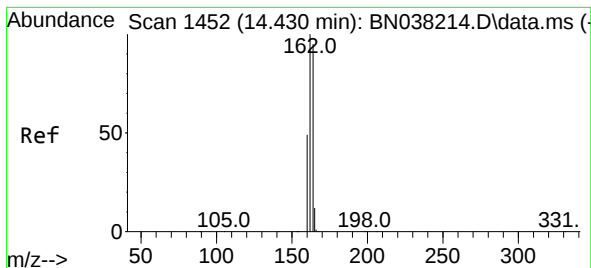
Tgt Ion: 82 Resp: 6640
Ion Ratio Lower Upper
82 100
128 43.2 32.6 48.8
54 54.9 45.4 68.0



#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion: 152 Resp: 11077
Ion Ratio Lower Upper
152 100
151 20.9 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: BN038233.D

Acq: 01 Dec 2025 19:40

Instrument :

BNA_N

ClientSampleId :

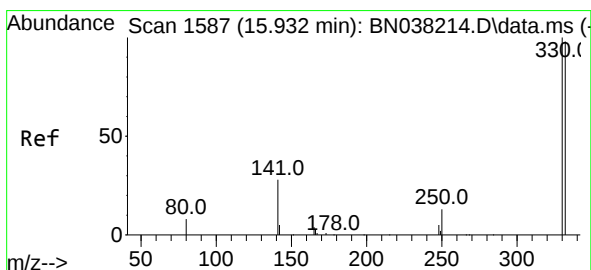
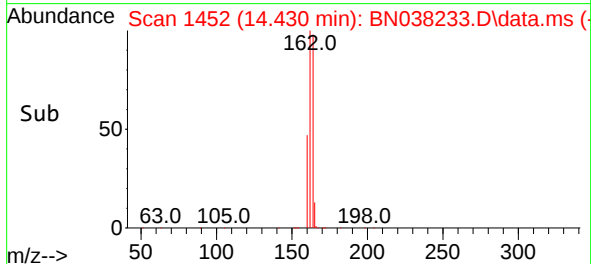
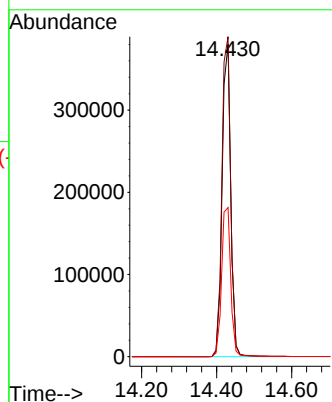
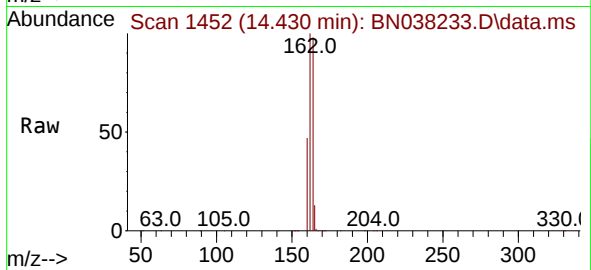
Tgt Ion:164 Resp: 604193

Ion Ratio Lower Upper

164 100

162 102.4 83.8 125.8

160 47.7 41.6 62.4



#14

2,4,6-Tribromophenol

Concen: 0.007 ng

RT: 15.920 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BN038233.D

Acq: 01 Dec 2025 19:40

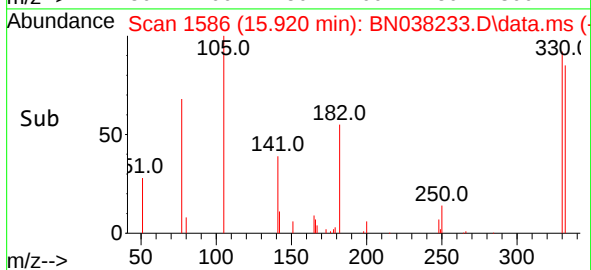
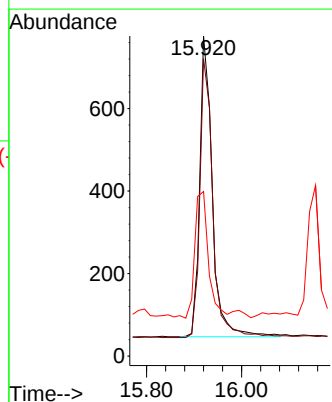
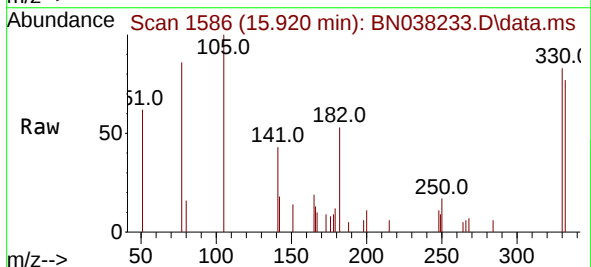
Tgt Ion:330 Resp: 1345

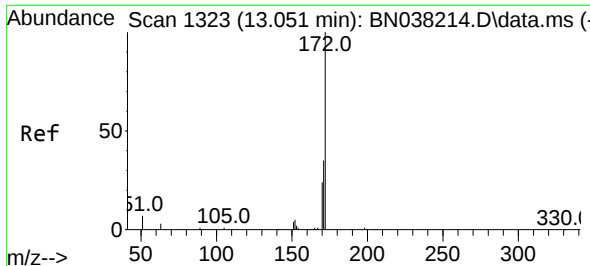
Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.6

141 43.9 33.0 49.4

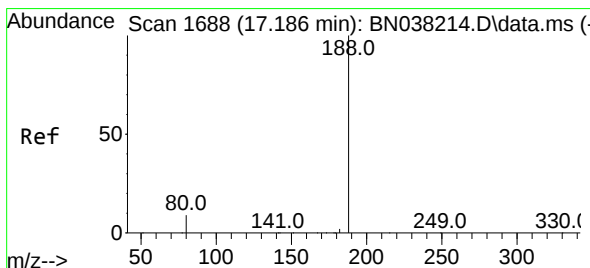
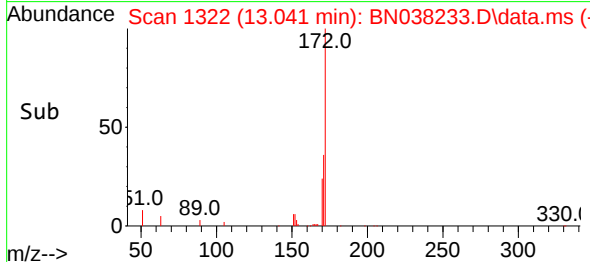
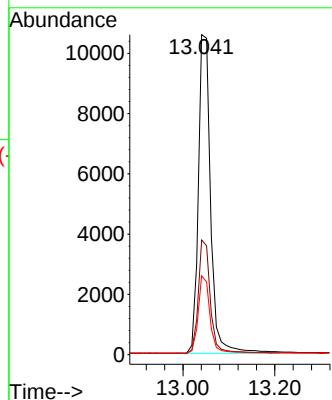
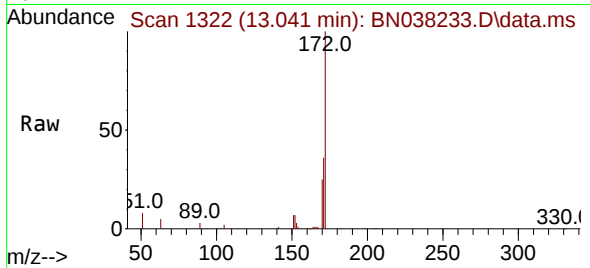




#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 13.041 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

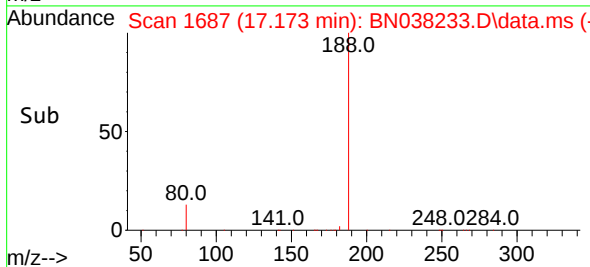
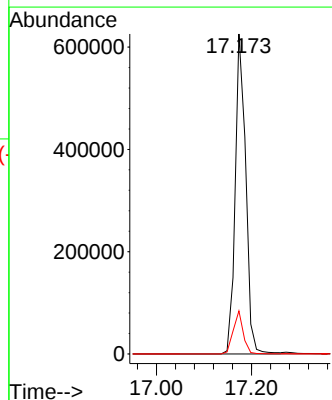
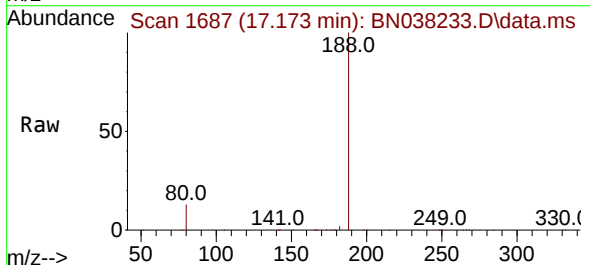
Instrument :
BNA_N
ClientSampleId :

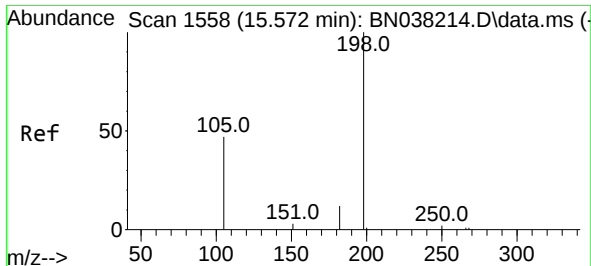
Tgt Ion:172 Resp: 18227
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 24.6 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Tgt Ion:188 Resp: 957558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 7.7 11.5#

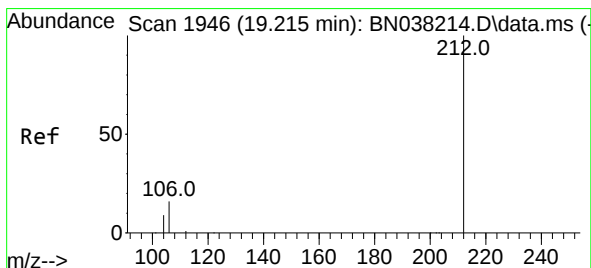
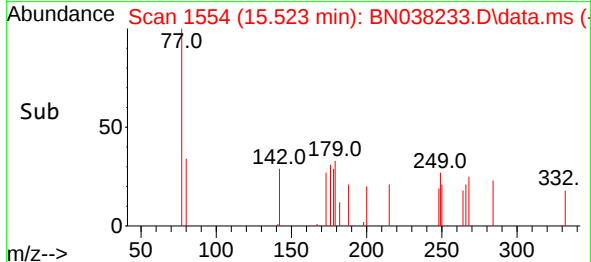
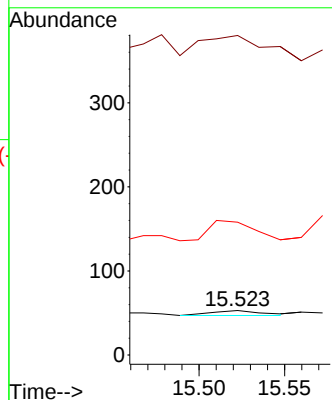
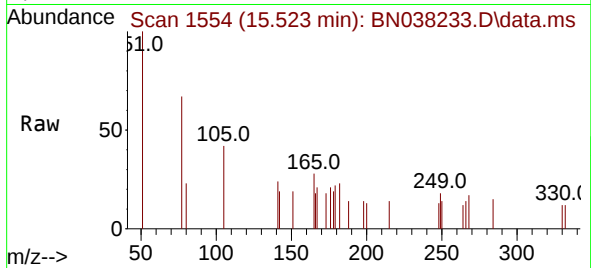




#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.523 min Scan# 11
Delta R.T. -0.049 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

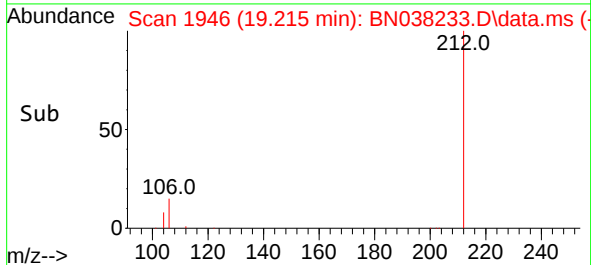
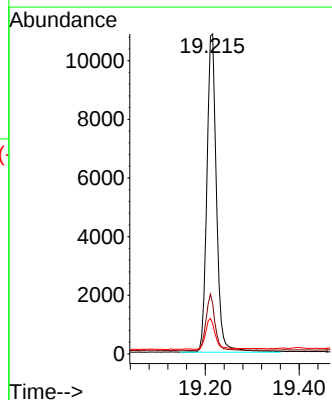
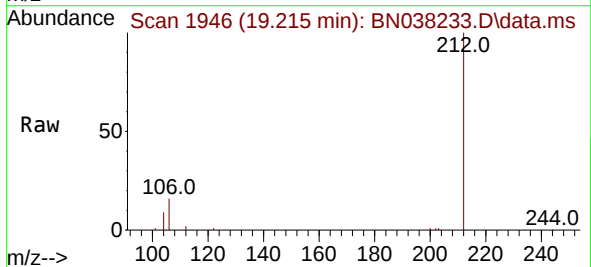
Instrument :
BNA_N
ClientSampleId :

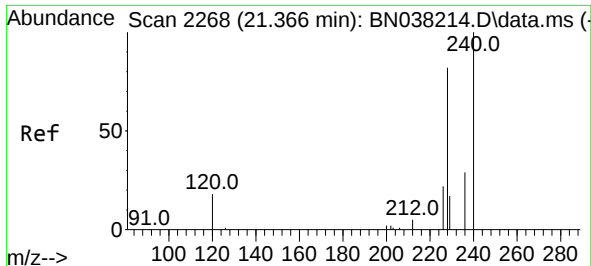
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 717.0 205.1 307.7#
105 298.1 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.007 ng
RT: 19.215 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

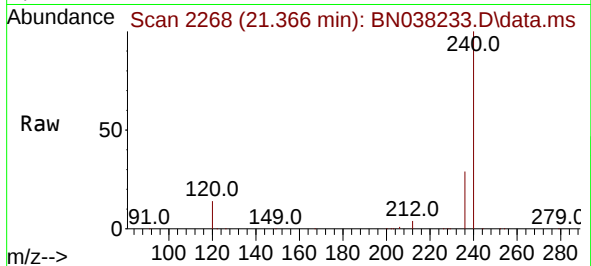
Tgt Ion:212 Resp: 15396
Ion Ratio Lower Upper
212 100
106 16.7 12.7 19.1
104 9.7 7.3 10.9



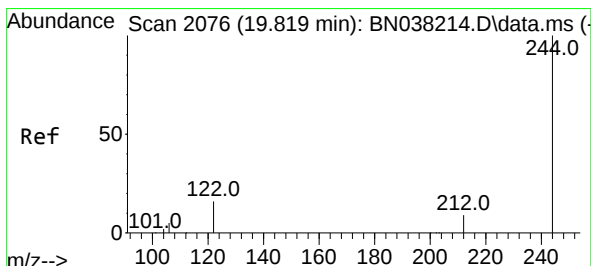
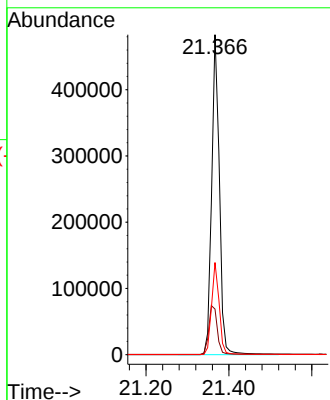


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Instrument :
BNA_N
ClientSampleId :

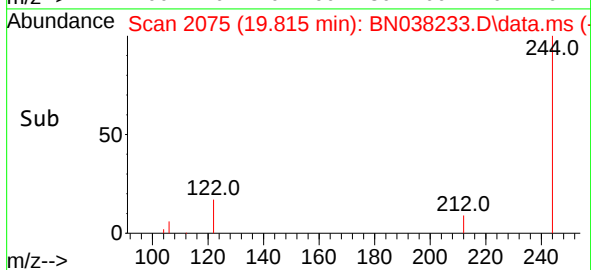
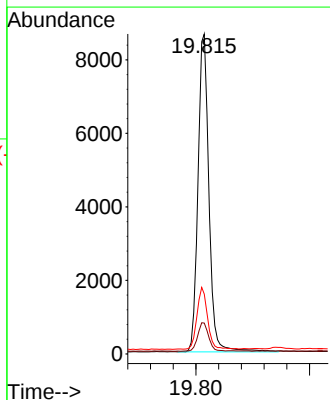
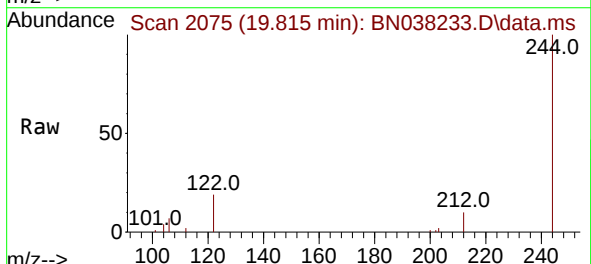


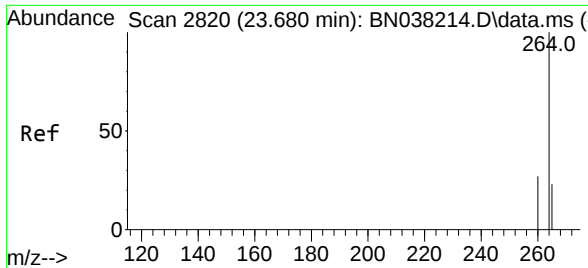
Tgt Ion:240 Resp: 619195
Ion Ratio Lower Upper
240 100
120 14.3 18.1 27.1#
236 28.8 24.2 36.4



#31
Terphenyl-d14
Concen: 0.008 ng
RT: 19.815 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

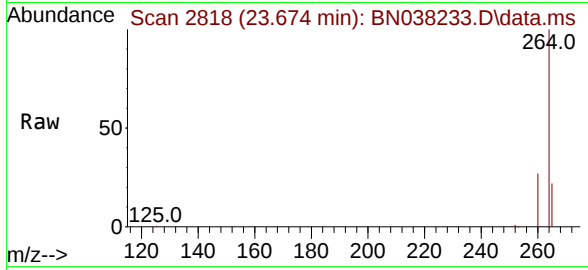
Tgt Ion:244 Resp: 11552
Ion Ratio Lower Upper
244 100
212 9.7 7.7 11.5
122 18.7 13.6 20.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN038233.D
Acq: 01 Dec 2025 19:40

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 661677
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 22.5 98.0 147.0#

