

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
 Data File : BN038236.D
 Acq On : 01 Dec 2025 21:29
 Operator : RC/JU
 Sample : Q3618-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 02 01:10:03 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)

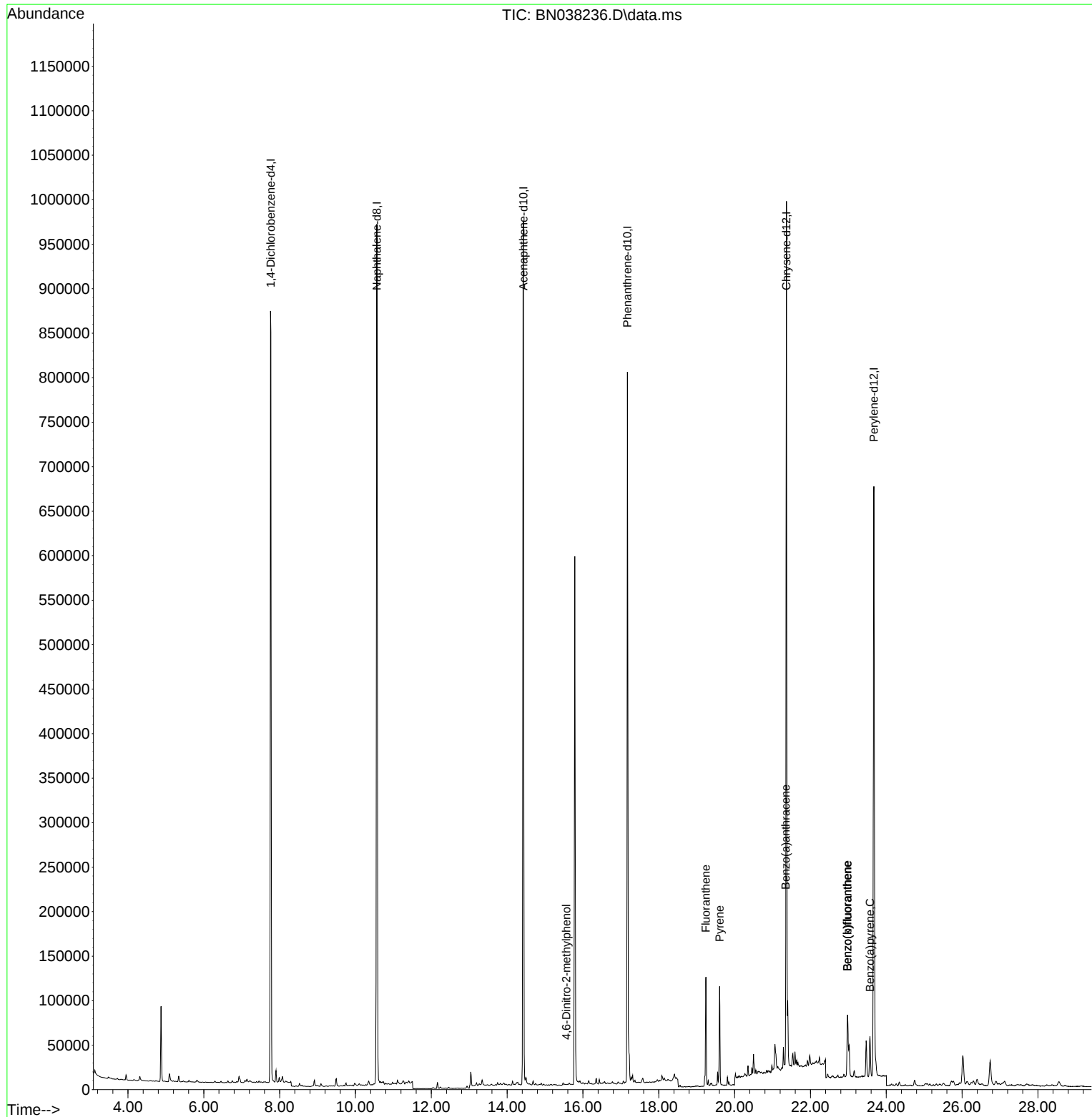
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	439250	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	1255886	0.400	ng	#-0.01
13) Acenaphthene-d10	14.430	164	613558	0.400	ng	0.00
19) Phenanthrene-d10	17.173	188	1008772	0.400	ng	#-0.01
29) Chrysene-d12	21.366	240	803550	0.400	ng	# 0.00
35) Perylene-d12	23.674	264	869891	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	5081	0.005	ng	0.00
5) Phenol-d6	6.930	99	6096	0.005	ng	0.00
8) Nitrobenzene-d5	8.918	82	5234	0.005	ng	0.00
11) 2-Methylnaphthalene-d10	12.161	152	8487	0.005	ng	0.00
14) 2,4,6-Tribromophenol	15.920	330	1232	0.006	ng	-0.01
15) 2-Fluorobiphenyl	13.040	172	13228	0.006	ng	-0.01
27) Fluoranthene-d10	19.211	212	11589	0.005	ng	0.00
31) Terphenyl-d14	19.810	244	8743	0.005	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.560	198	19	0.172	ng	# 1
28) Fluoranthene	19.243	202	109271	0.036	ng	98
30) Pyrene	19.605	202	99970	0.025	ng	97
32) Benzo(a)anthracene	21.348	228	55241	0.020	ng	96
37) Benzo(b)fluoranthene	22.975	252	106361	0.030	ng	# 93
38) Benzo(k)fluoranthene	22.975	252	106361	0.029	ng	# 92
39) Benzo(a)pyrene	23.569	252	62275	0.021	ng	93

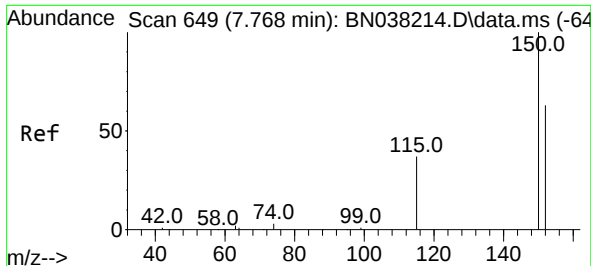
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038236.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

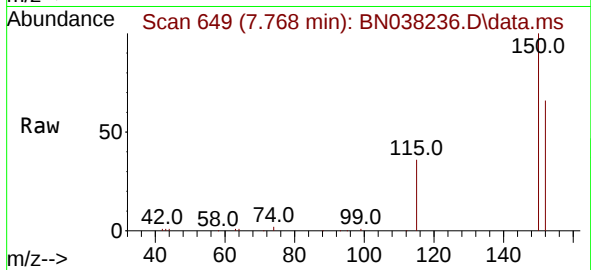
Quant Time: Dec 02 01:10:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



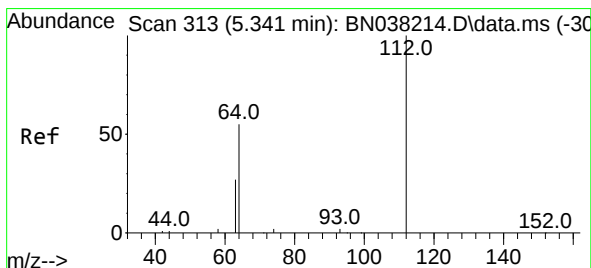
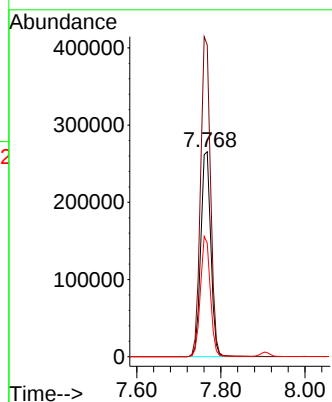
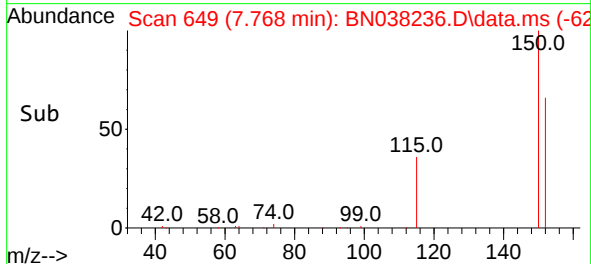


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 649
Delta R.T. -0.000 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Instrument :
BNA_N
ClientSampleId :

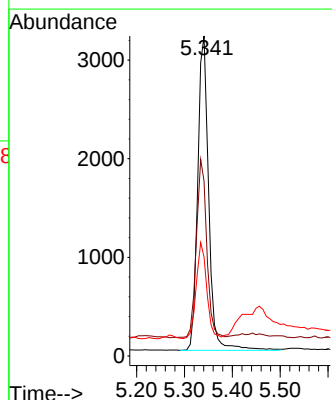
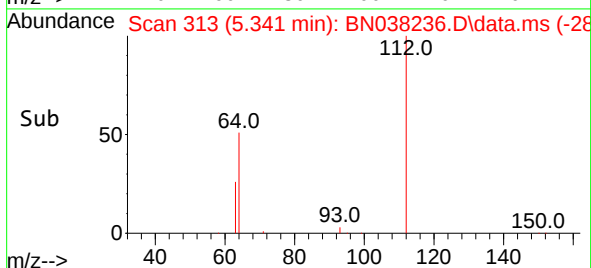
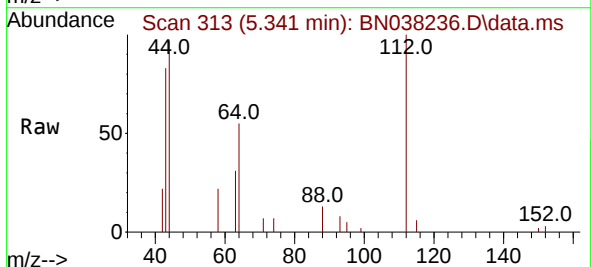


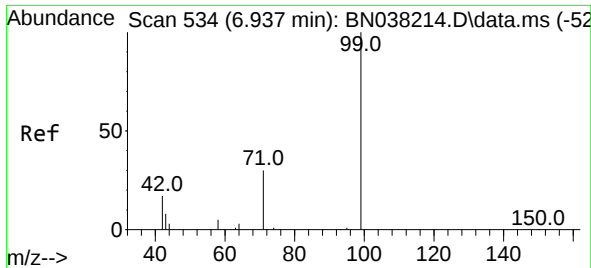
Tgt Ion:152 Resp: 439250
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 55.5 49.0 73.4



#4
2-Fluorophenol
Concen: 0.005 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

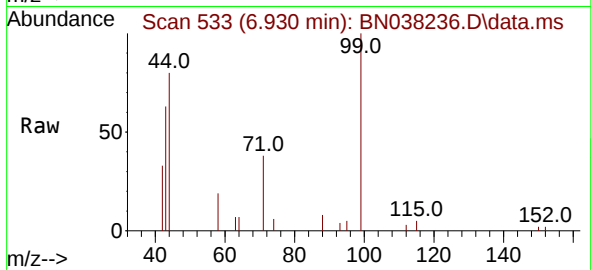
Tgt Ion:112 Resp: 5081
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 29.2 23.2 34.8



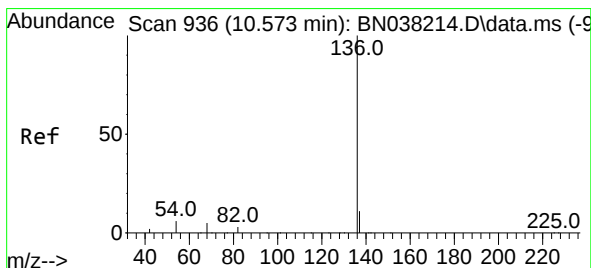
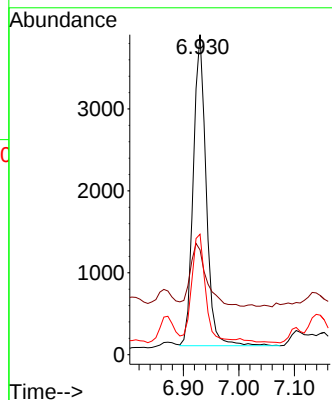
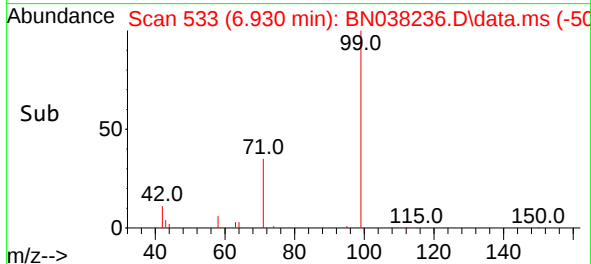


#5
Phenol-d6
Concen: 0.005 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Instrument :
BNA_N
ClientSampleId :

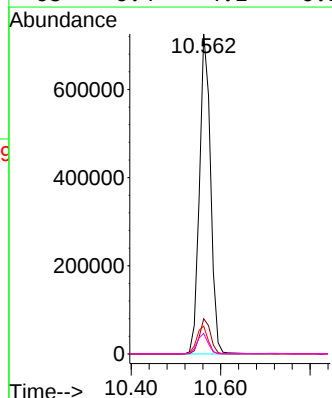
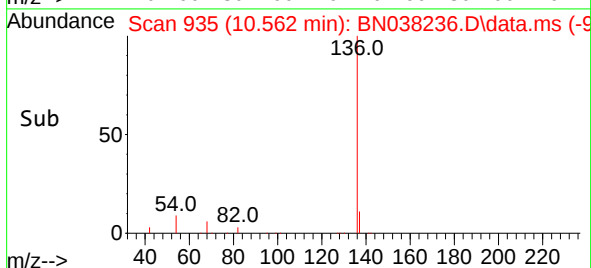
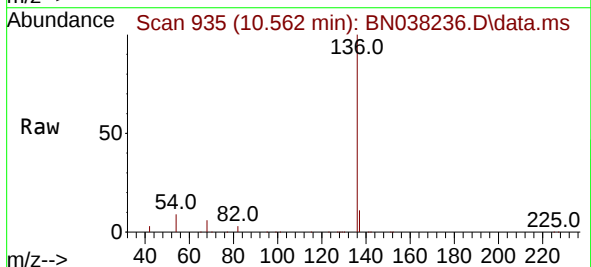


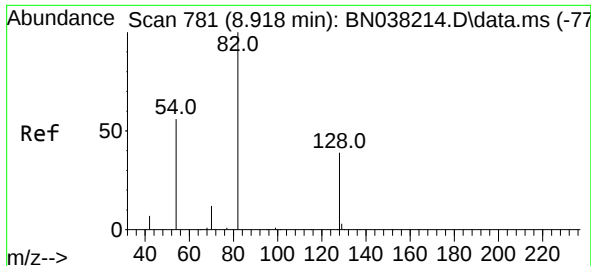
Tgt Ion: 99 Resp: 6096
Ion Ratio Lower Upper
99 100
42 24.9 17.0 25.6
71 35.1 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

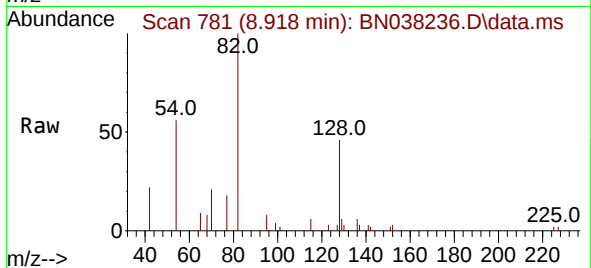
Tgt Ion:136 Resp: 1255886
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 5.4 8.0#
68 6.4 4.1 6.1#



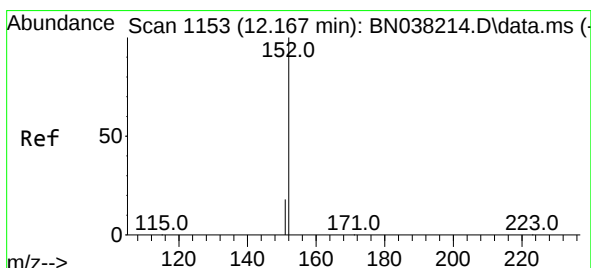
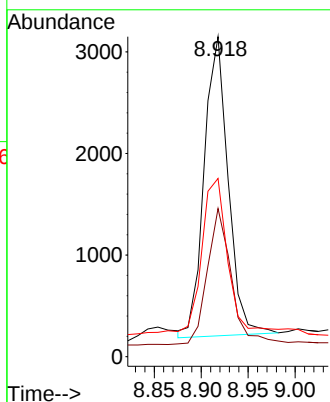
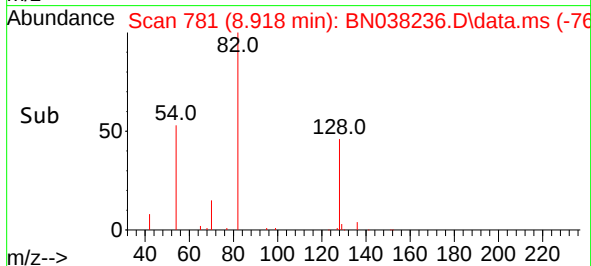


#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.000 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Instrument :
BNA_N
ClientSampleId :

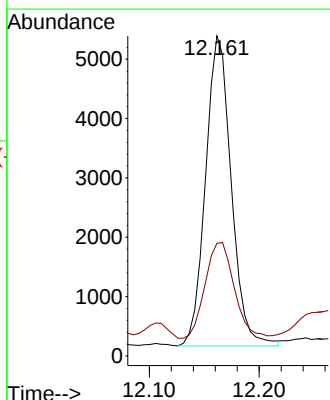
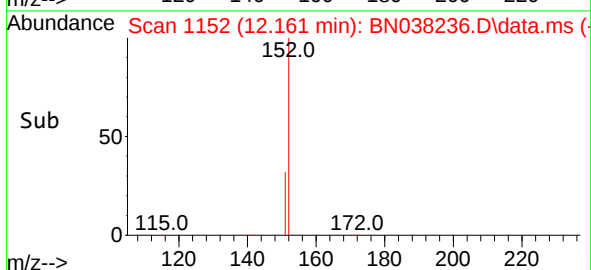
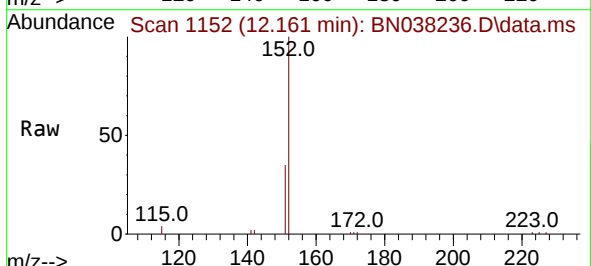


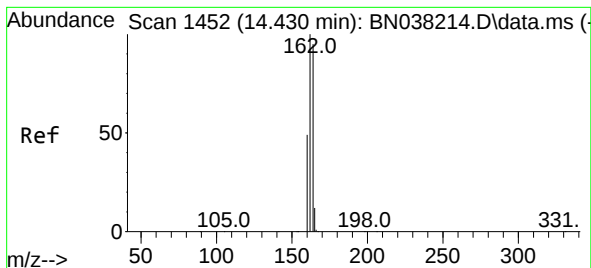
Tgt Ion: 82 Resp: 5234
Ion Ratio Lower Upper
82 100
128 46.3 32.6 48.8
54 55.7 45.4 68.0



#11
2-Methylnaphthalene-d10
Concen: 0.005 ng
RT: 12.161 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

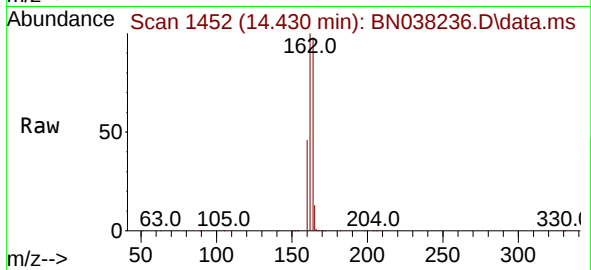
Tgt Ion: 152 Resp: 8487
Ion Ratio Lower Upper
152 100
151 34.9 16.7 25.1#



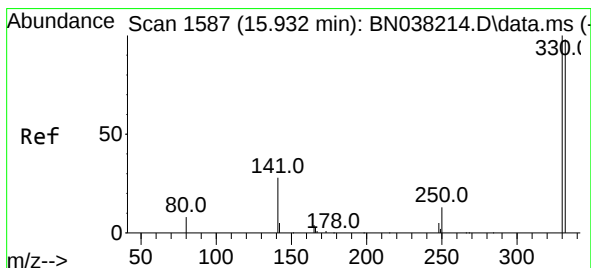
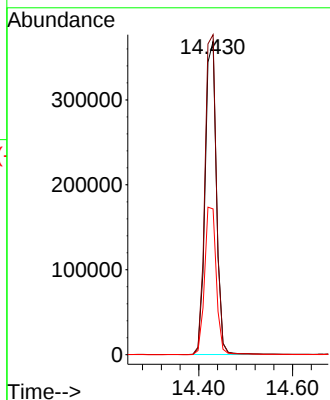
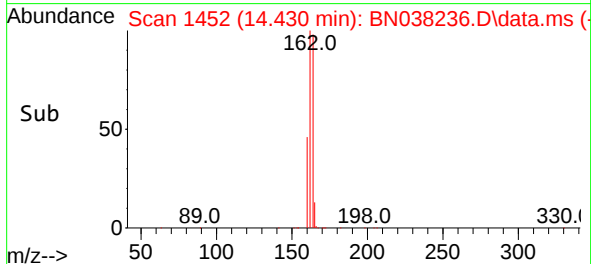


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

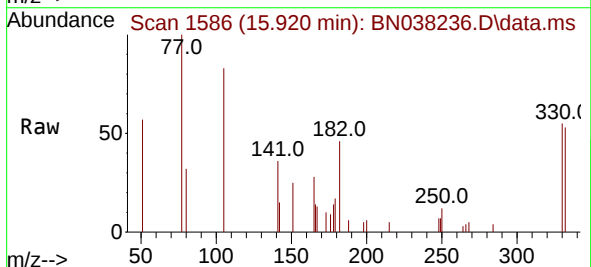
Instrument :
BNA_N
ClientSampleId :



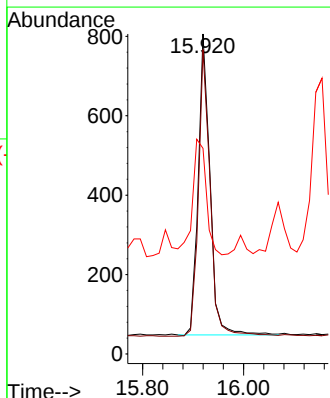
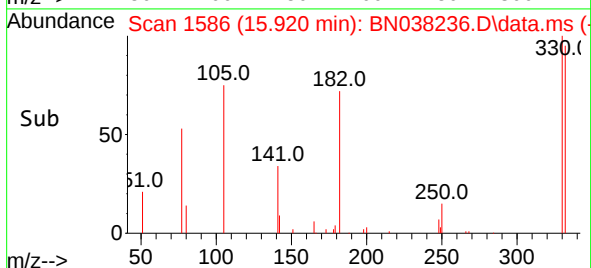
Tgt Ion:164 Resp: 613558
Ion Ratio Lower Upper
164 100
162 102.1 83.8 125.8
160 46.5 41.6 62.4

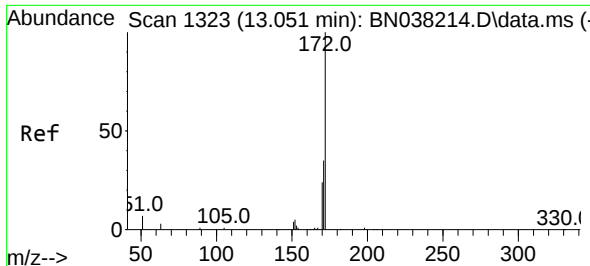


#14
2,4,6-Tribromophenol
Concen: 0.006 ng
RT: 15.920 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29



Tgt Ion:330 Resp: 1232
Ion Ratio Lower Upper
330 100
332 95.1 77.8 116.6
141 43.9 33.0 49.4

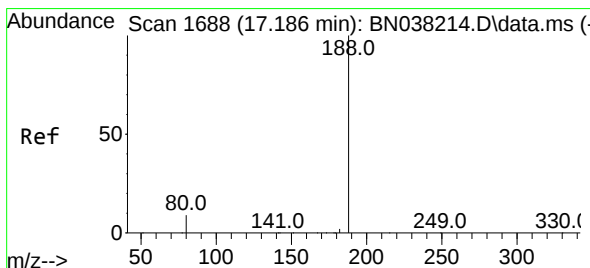
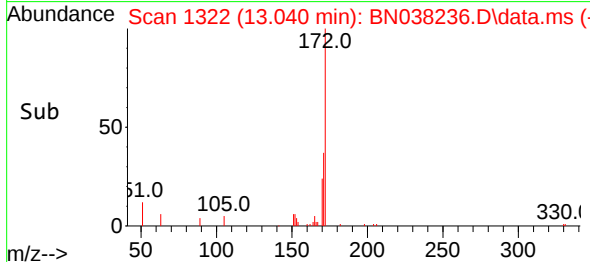
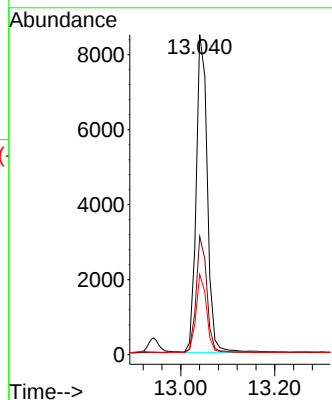
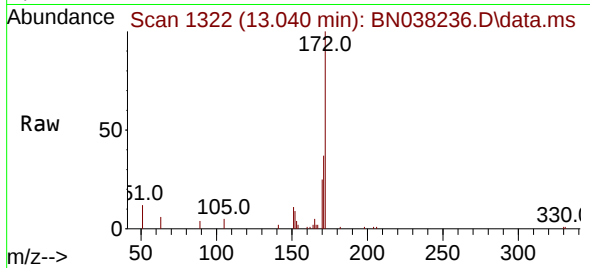




#15
2-Fluorobiphenyl
Concen: 0.006 ng
RT: 13.040 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

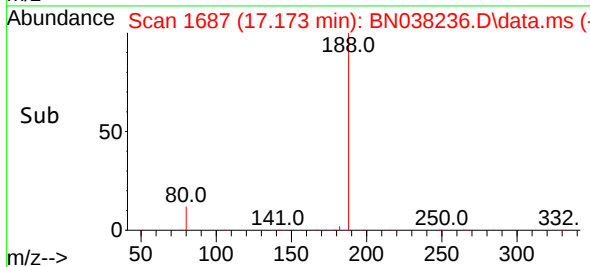
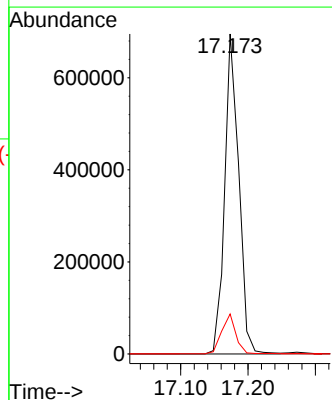
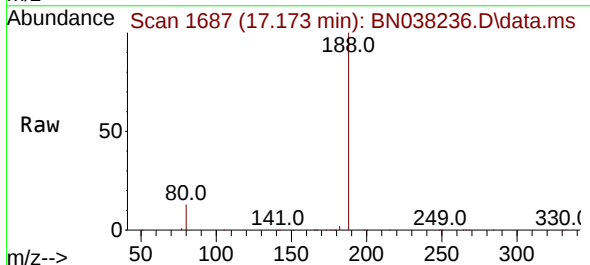
Instrument :
BNA_N
ClientSampleId :

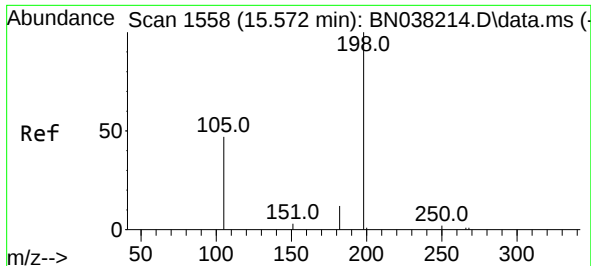
Tgt Ion:172 Resp: 13228
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 25.1 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Tgt Ion:188 Resp: 1008772
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 7.7 11.5#

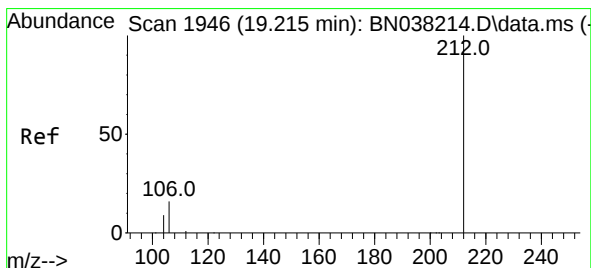
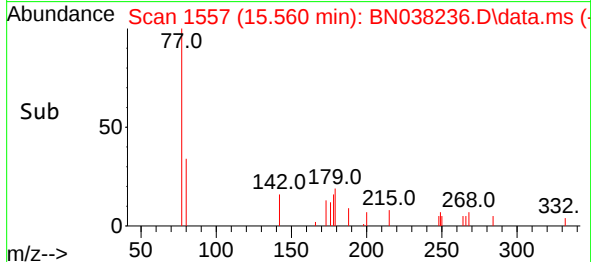
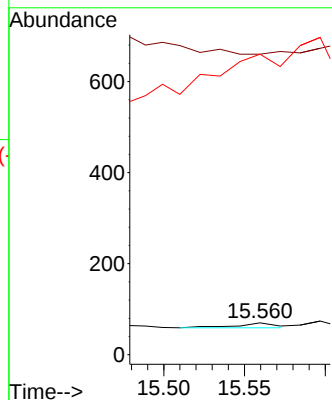
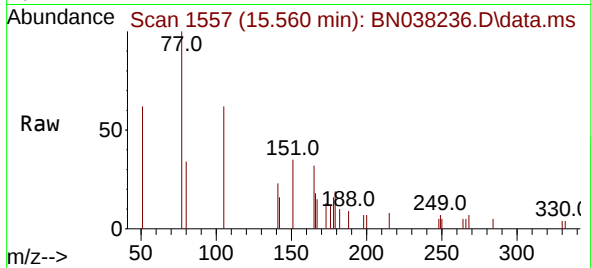




#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.560 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

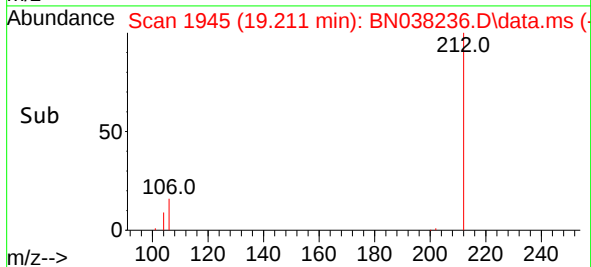
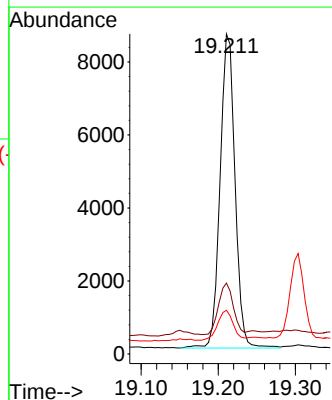
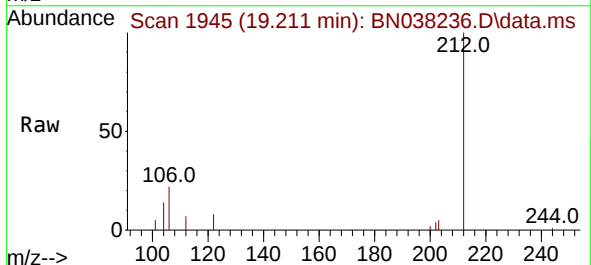
Instrument :
BNA_N
ClientSampleId :

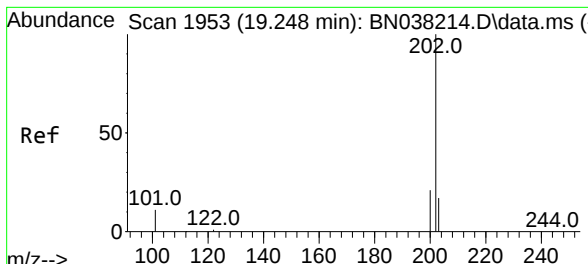
Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 942.9 205.1 307.7#
105 942.9 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.005 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Tgt Ion:212 Resp: 11589
Ion Ratio Lower Upper
212 100
106 16.3 12.7 19.1
104 9.8 7.3 10.9

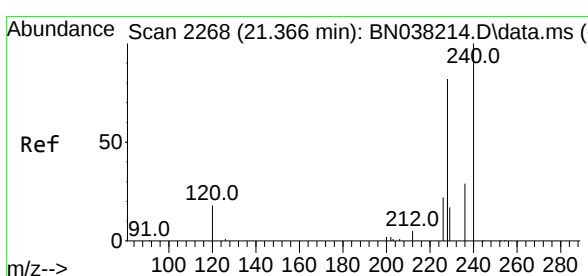
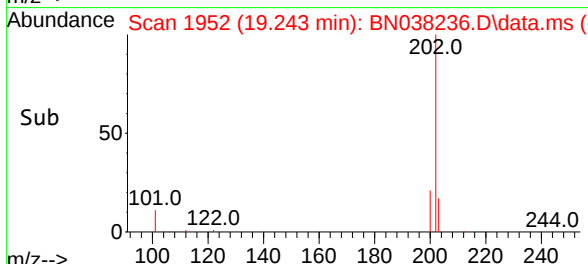
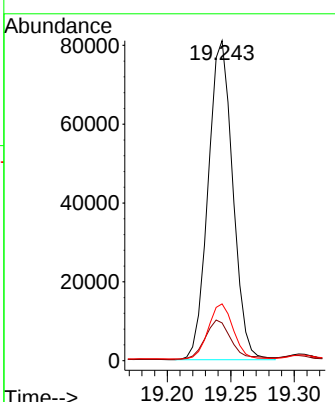
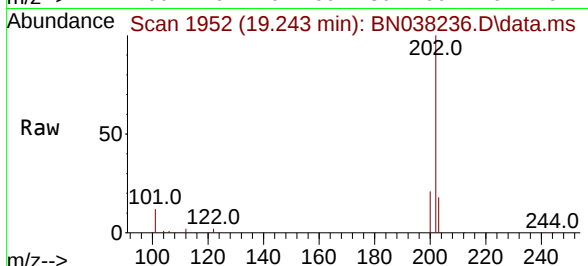




#28
 Fluoranthene
 Concen: 0.036 ng
 RT: 19.243 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: BN038236.D
 Acq: 01 Dec 2025 21:29

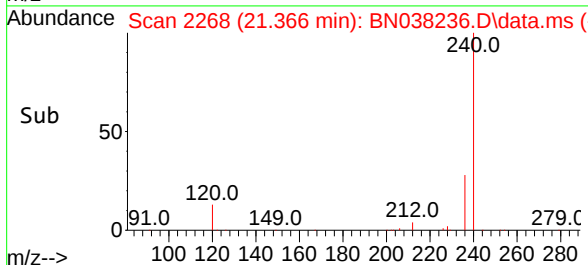
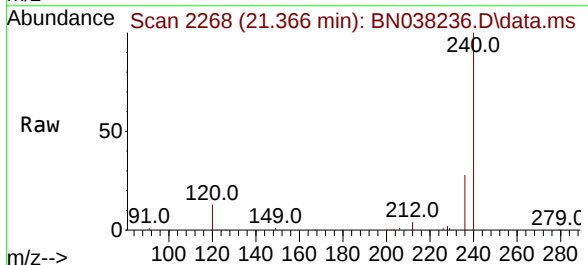
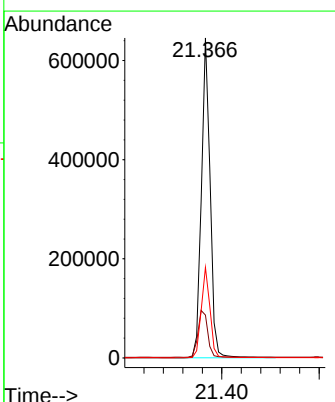
Instrument :
 BNA_N
 ClientSampleId :

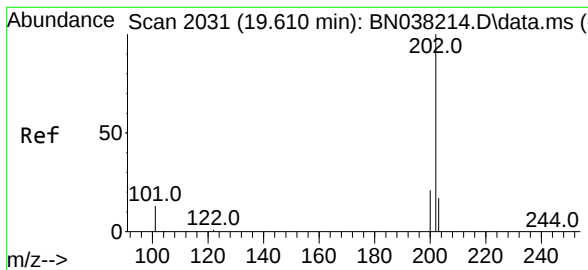
Tgt Ion:	202	Resp:	109271
Ion Ratio	Lower	Upper	
202	100		
101	13.3	9.8	14.6
203	17.3	13.6	20.4



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.366 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: BN038236.D
 Acq: 01 Dec 2025 21:29

Tgt Ion:	240	Resp:	803550
Ion Ratio	Lower	Upper	
240	100		
120	13.4	18.1	27.1
236	28.3	24.2	36.4

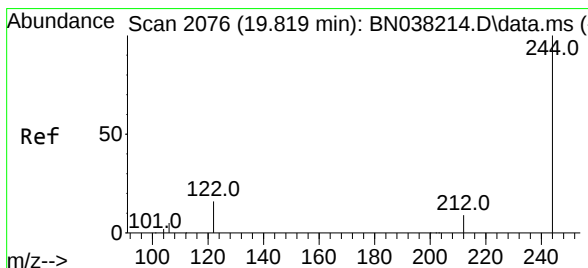
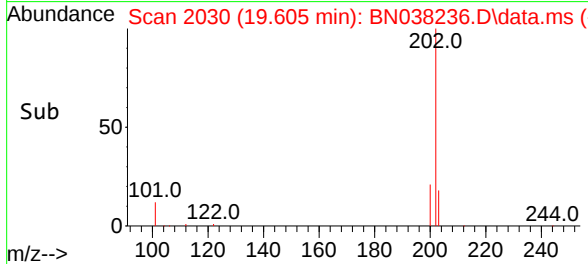
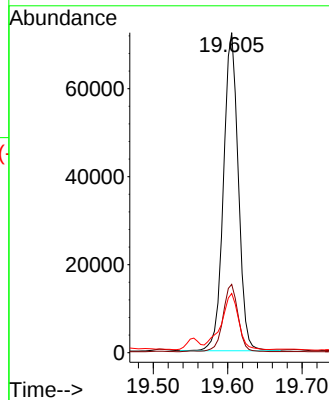
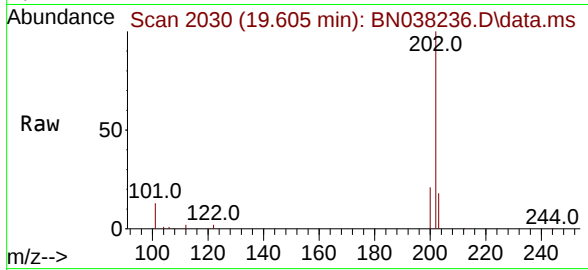




#30
Pyrene
Concen: 0.025 ng
RT: 19.605 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

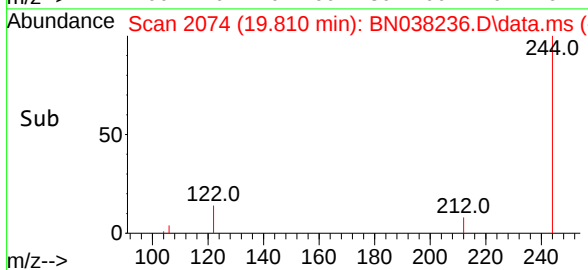
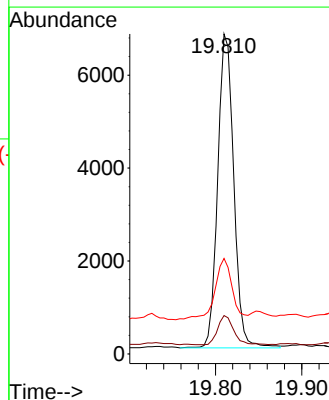
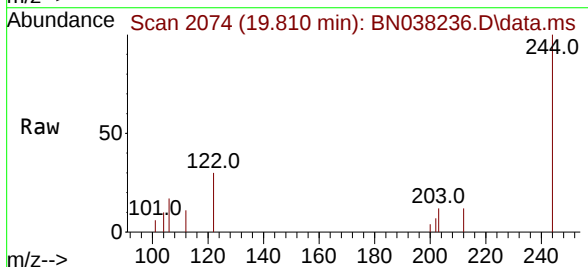
Instrument :
BNA_N
ClientSampleId :

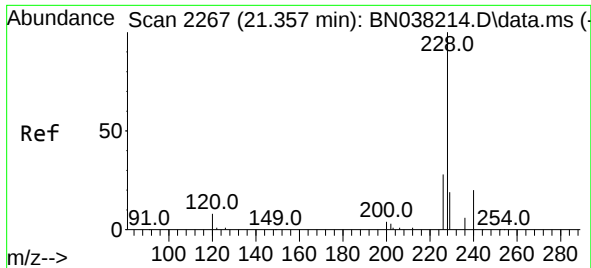
Tgt Ion:202 Resp: 99970
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 20.8 14.4 21.6



#31
Terphenyl-d14
Concen: 0.005 ng
RT: 19.810 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

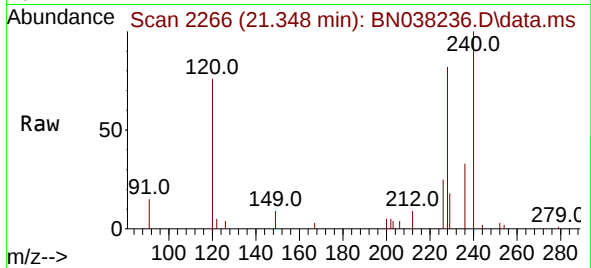
Tgt Ion:244 Resp: 8743
Ion Ratio Lower Upper
244 100
212 12.0 7.7 11.5#
122 29.8 13.6 20.4#



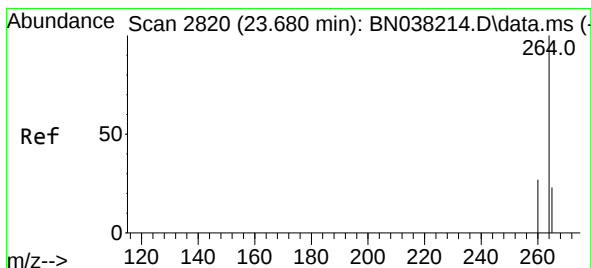
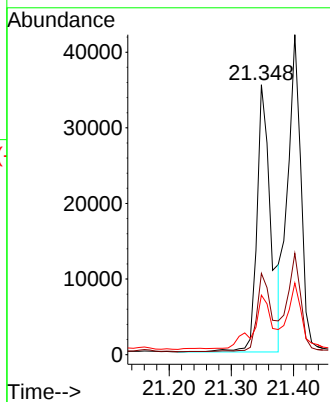
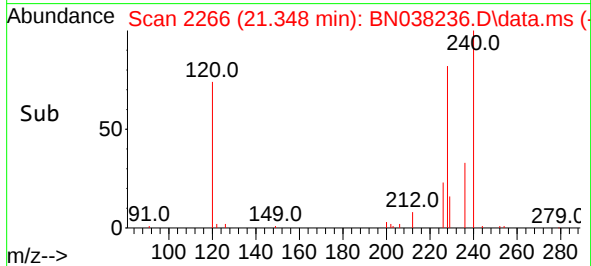


#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.348 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Instrument :
BNA_N
ClientSampleId :

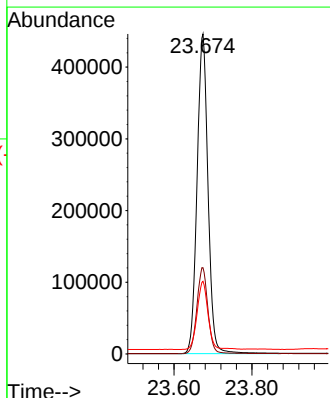
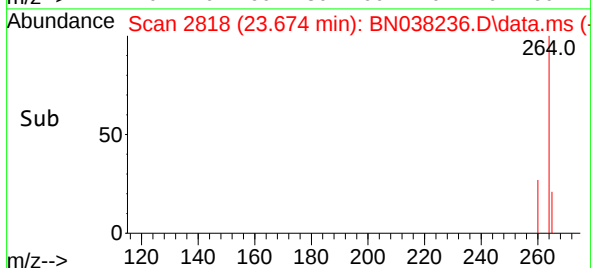
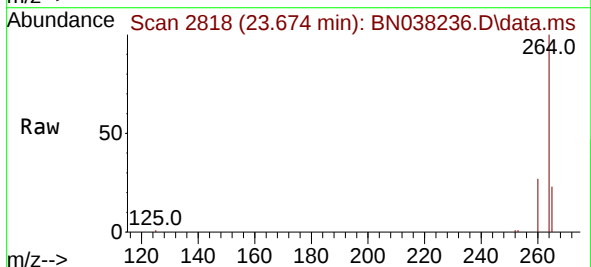


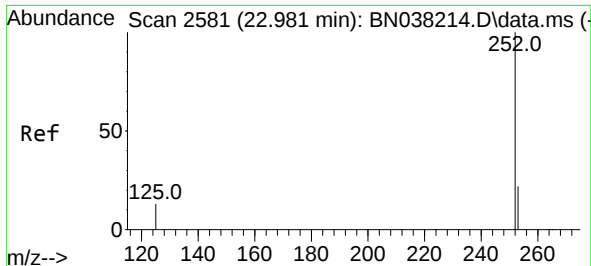
Tgt Ion:228 Resp: 55241
Ion Ratio Lower Upper
228 100
226 30.1 22.6 33.8
229 22.1 15.8 23.8



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

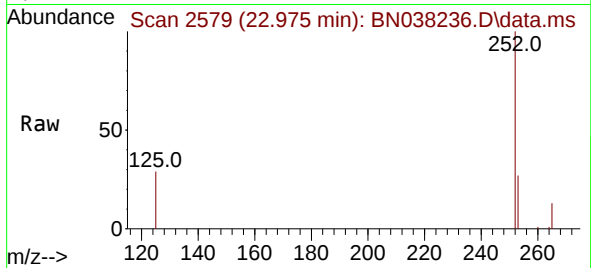
Tgt Ion:264 Resp: 869891
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 22.7 98.0 147.0#



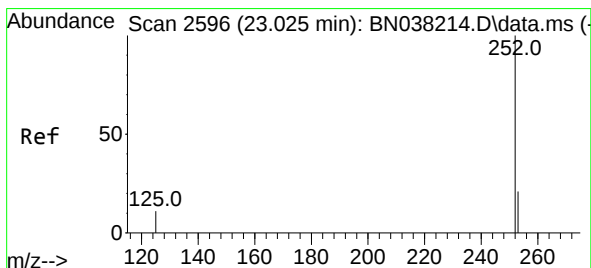
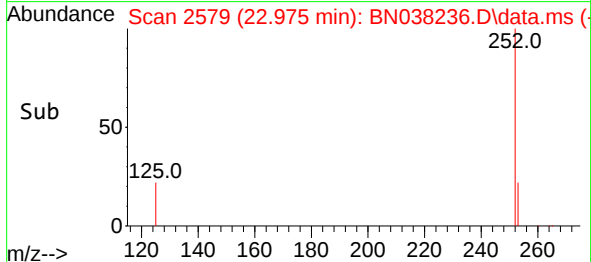
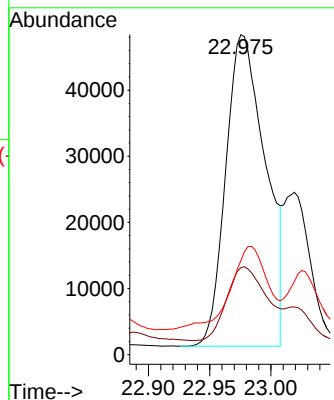


#37
Benzo(b)fluoranthene
Concen: 0.030 ng
RT: 22.975 min Scan# 2579
Delta R.T. -0.006 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

Instrument :
BNA_N
ClientSampleId :

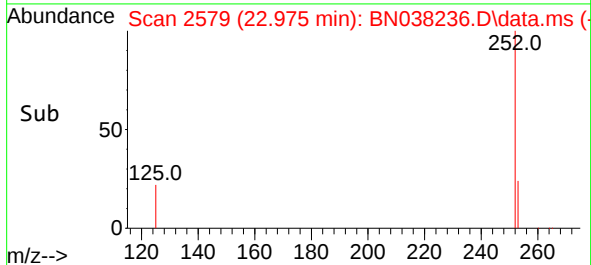
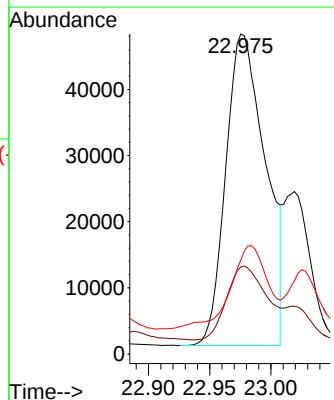
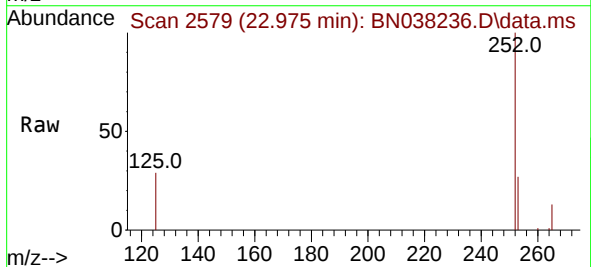


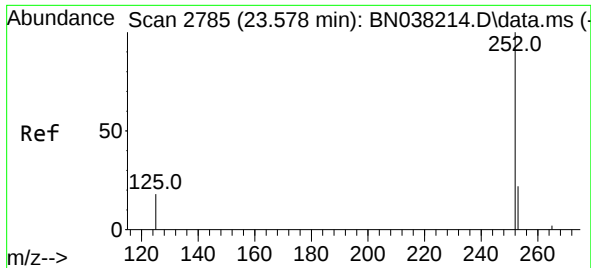
Tgt Ion:252 Resp: 106361
Ion Ratio Lower Upper
252 100
253 27.2 22.2 33.4
125 29.3 18.0 27.0#



#38
Benzo(k)fluoranthene
Concen: 0.029 ng
RT: 22.975 min Scan# 2579
Delta R.T. -0.050 min
Lab File: BN038236.D
Acq: 01 Dec 2025 21:29

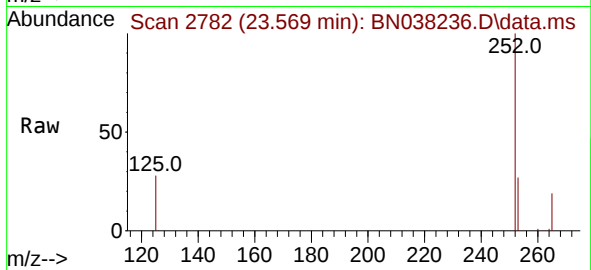
Tgt Ion:252 Resp: 106361
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 29.3 17.5 26.3#





#39
 Benzo(a)pyrene
 Concen: 0.021 ng
 RT: 23.569 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038236.D
 Acq: 01 Dec 2025 21:29

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	252	Resp:	62275
Ion Ratio	Lower	Upper	
252	100		
253	27.3	25.3	37.9
125	28.1	25.2	37.8

