

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038005.D
 Acq On : 06 Oct 2025 11:55
 Operator : RC/JU
 Sample : PB169903BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169903BL

Quant Time: Oct 06 12:22:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8521	0.400	ng	0.00
7) Naphthalene-d8	10.615	136	21401	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	9560	0.400	ng	-0.01
19) Phenanthrene-d10	17.210	188	16256	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	8725	0.400	ng	# 0.00
35) Perylene-d12	23.718	264	8166	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	7115	0.366	ng	0.00
5) Phenol-d6	6.973	99	8565	0.335	ng	0.00
8) Nitrobenzene-d5	8.961	82	6206	0.380	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	9955	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	902	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15238	0.389	ng	0.00
27) Fluoranthene-d10	19.243	212	12032	0.294	ng	0.00
31) Terphenyl-d14	19.842	244	7537	0.434	ng	0.00

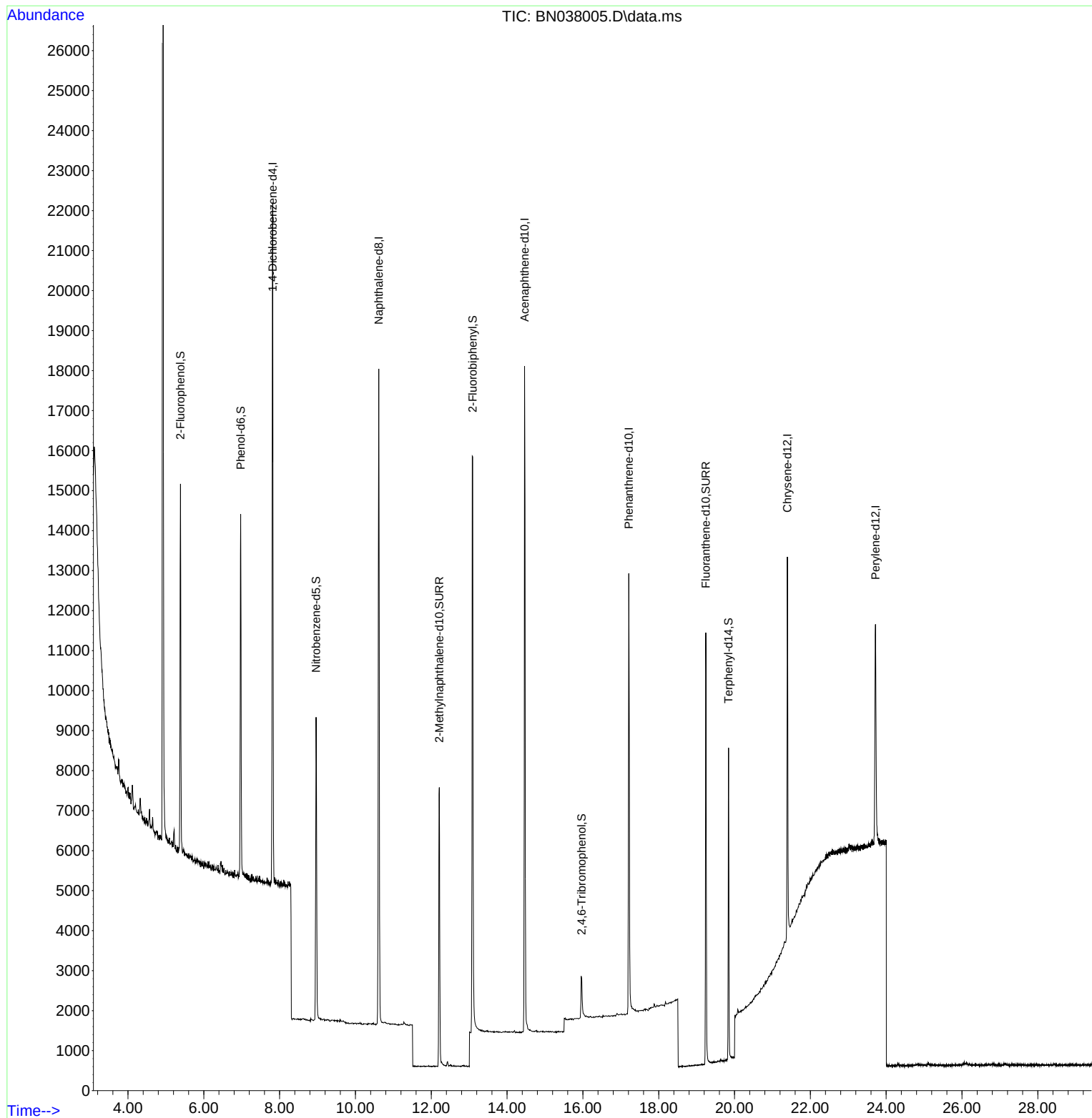
Target Compounds Qvalue

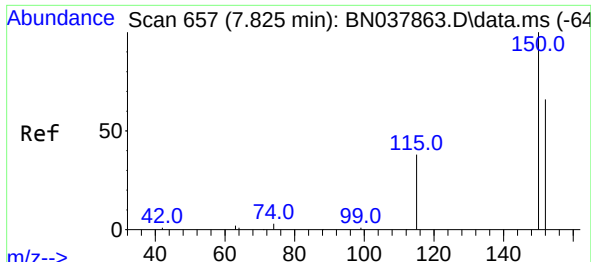
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
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BNA_N
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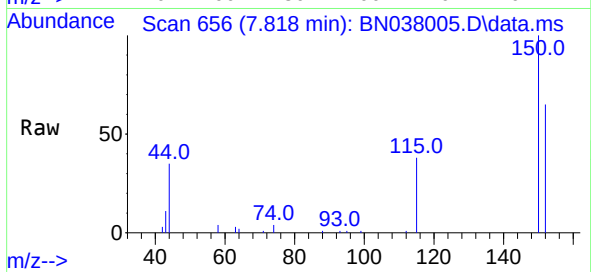
Quant Time: Oct 06 12:22:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



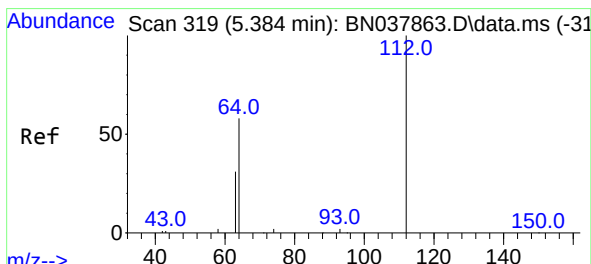
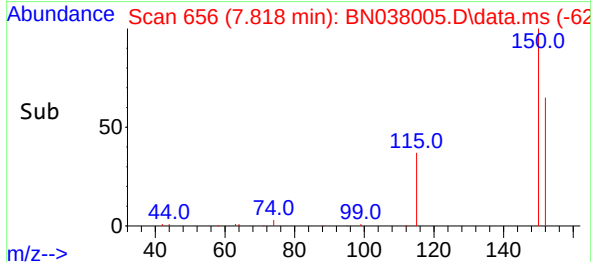
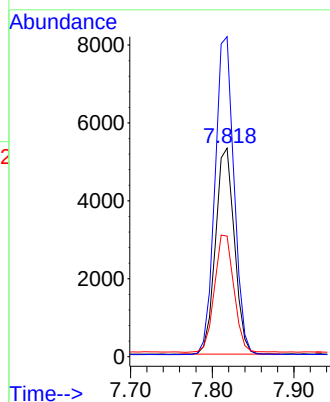


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

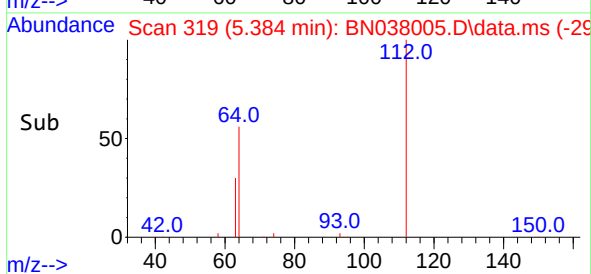
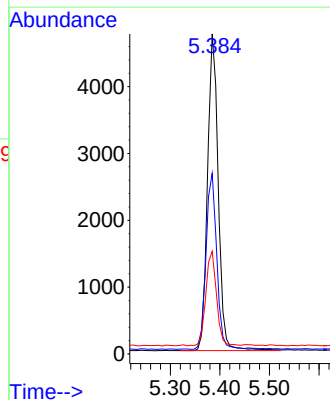
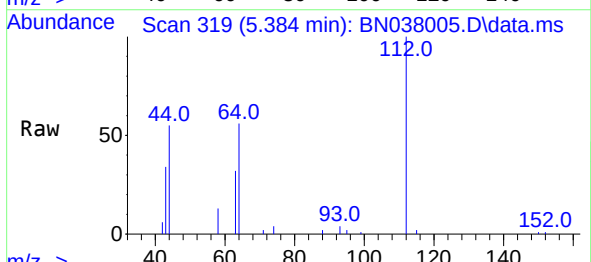


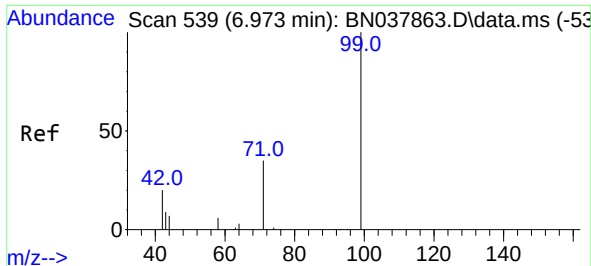
Tgt Ion:152 Resp: 8521
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.4
115 57.9 47.4 71.0



#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

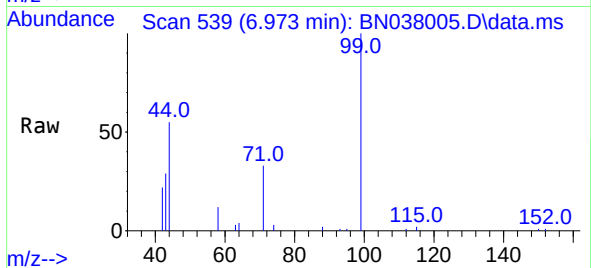
Tgt Ion:112 Resp: 7115
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 29.8 24.9 37.3





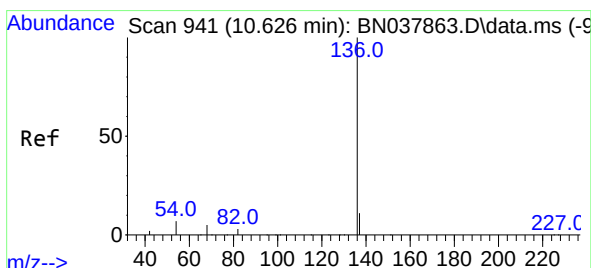
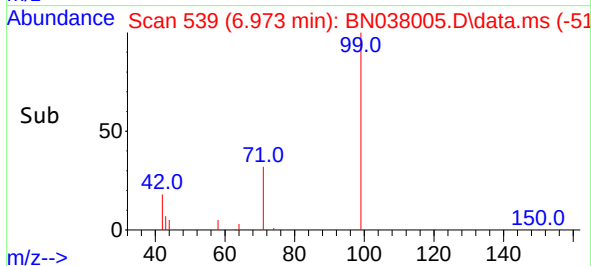
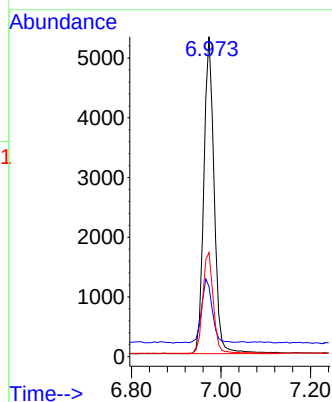
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.973 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL



Tgt Ion: 99 Resp: 8565

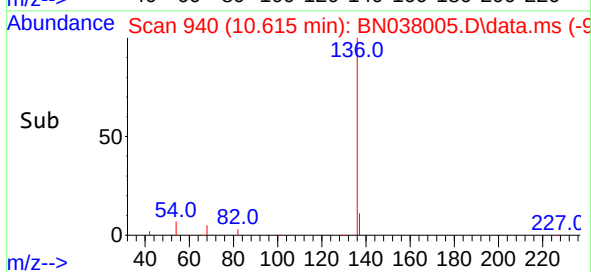
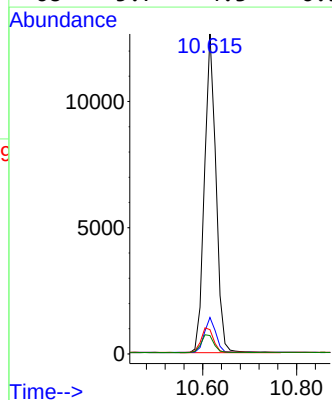
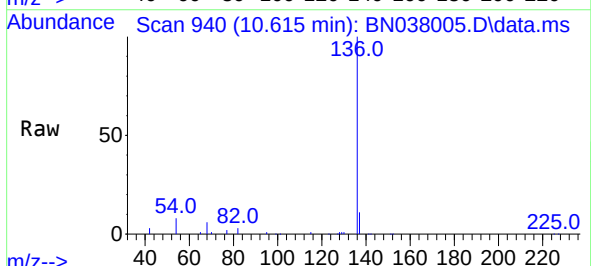
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.2	25.8
71	32.6	27.3	40.9

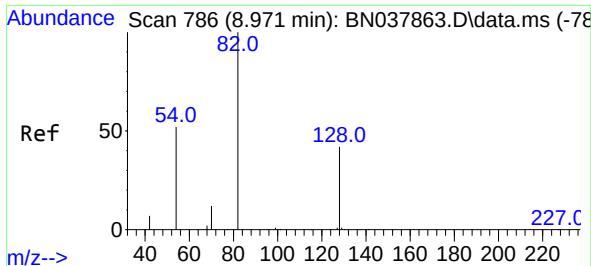


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.615 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion: 136 Resp: 21401

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.6	5.8	8.8
68	5.7	4.3	6.5

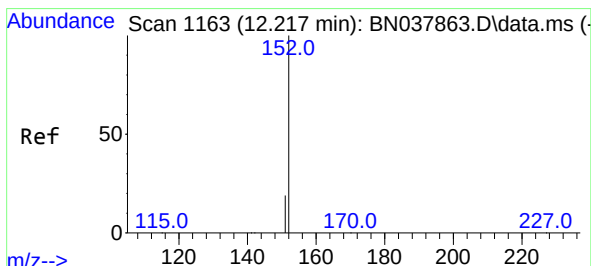
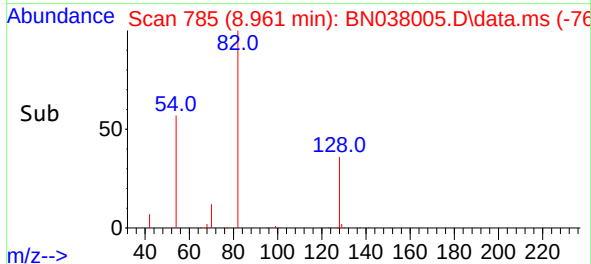
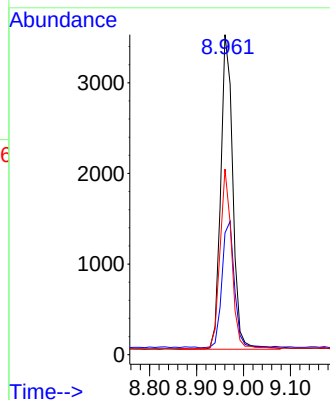
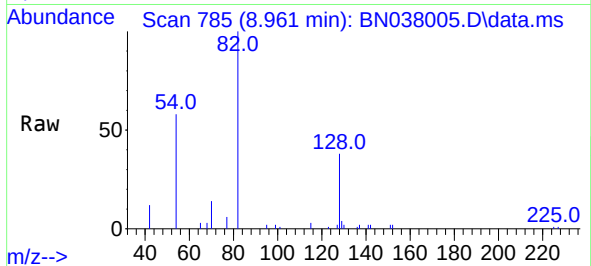




#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.961 min Scan# 786
Delta R.T. -0.011 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

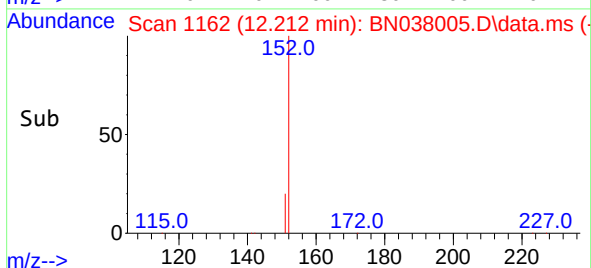
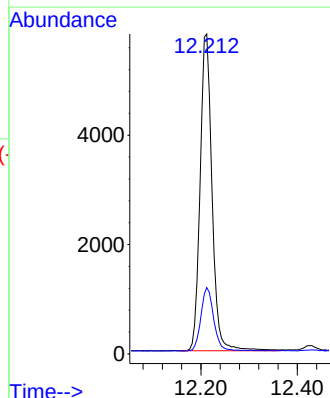
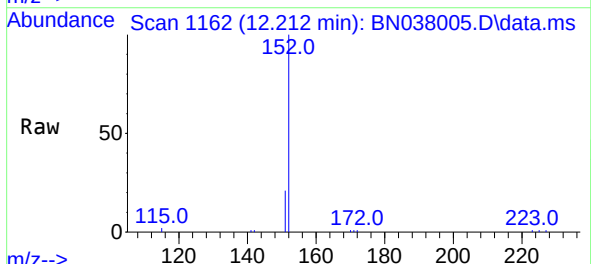
Instrument :
BNA_N
ClientSampleId :
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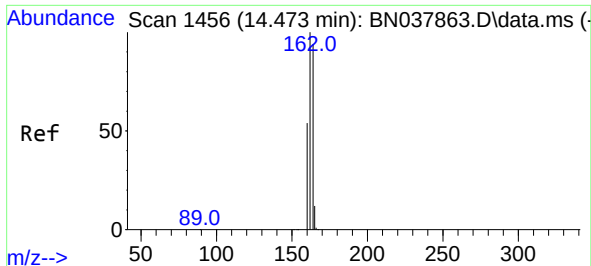
Tgt Ion: 82 Resp: 6206
Ion Ratio Lower Upper
82 100
128 38.1 34.8 52.2
54 58.0 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion: 152 Resp: 9955
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2

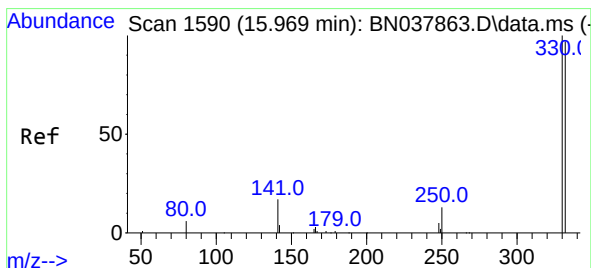
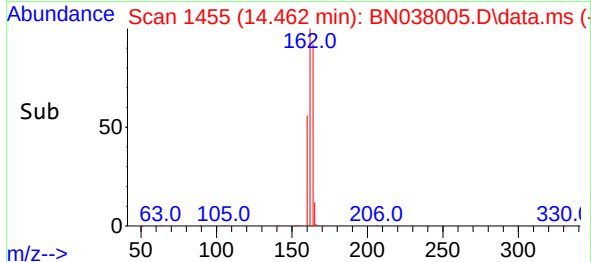
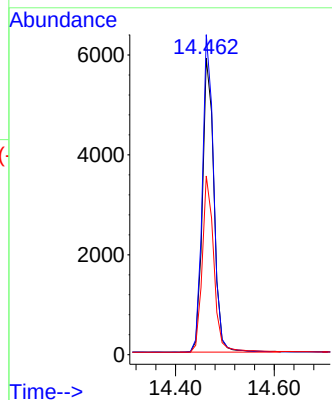
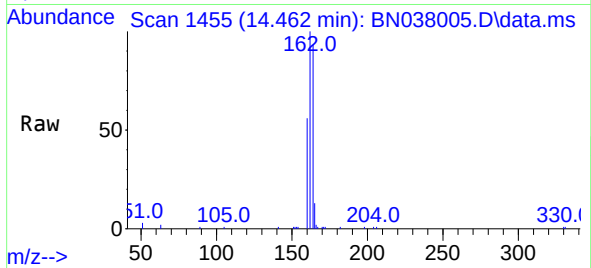




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1456
Delta R.T. -0.011 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

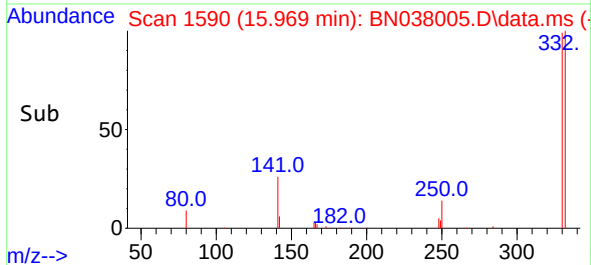
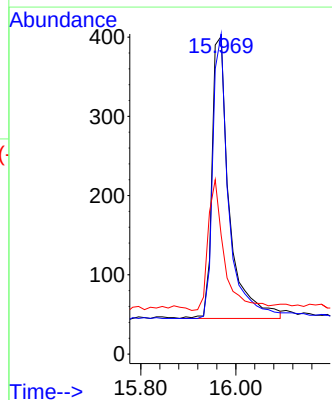
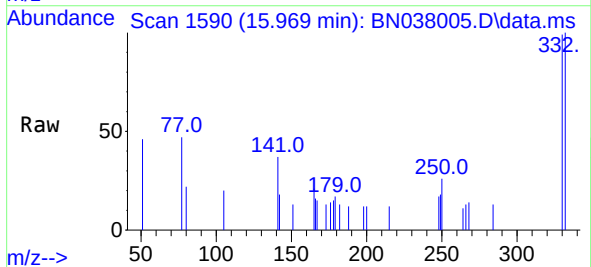
Instrument :
BNA_N
ClientSampleId :
PB169903BL

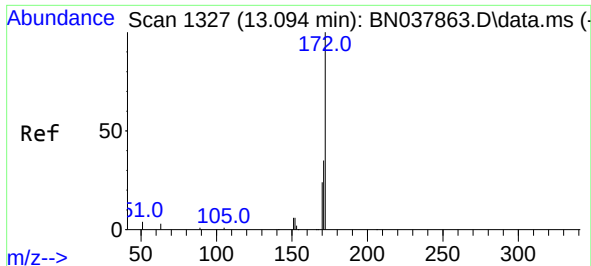
Tgt Ion:164 Resp: 9560
Ion Ratio Lower Upper
164 100
162 108.0 84.8 127.2
160 60.3 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.249 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:330 Resp: 902
Ion Ratio Lower Upper
330 100
332 93.5 77.2 115.8
141 43.9 37.2 55.8

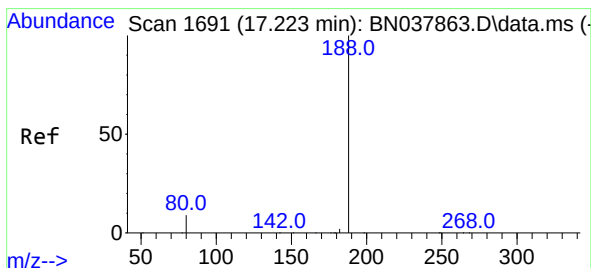
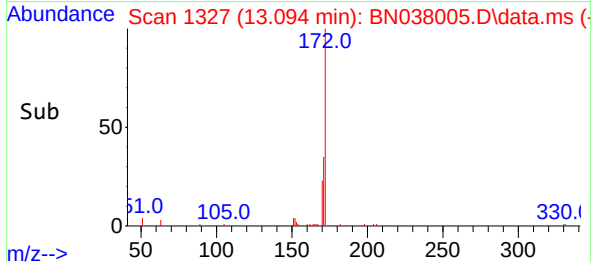
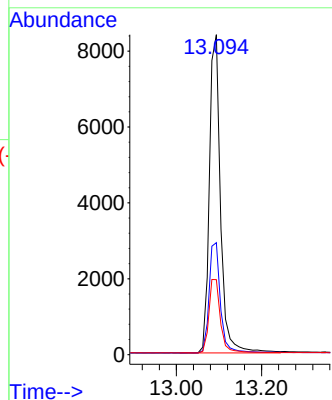
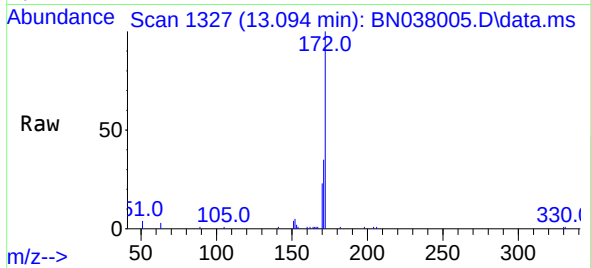




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

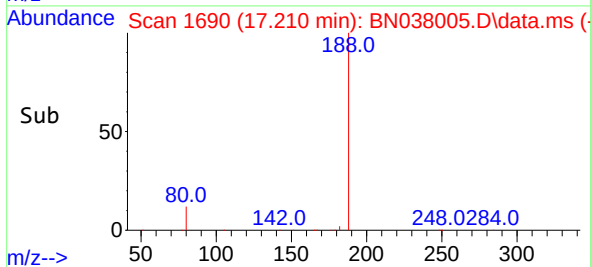
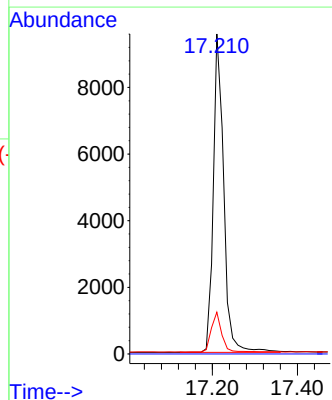
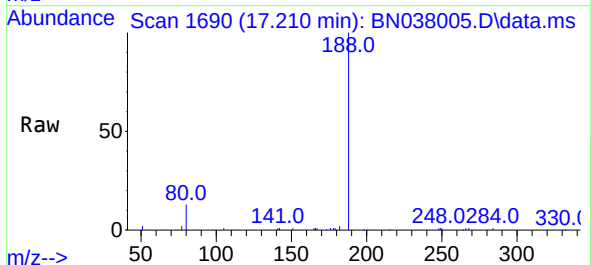
Instrument :
BNA_N
ClientSampleId :
PB169903BL

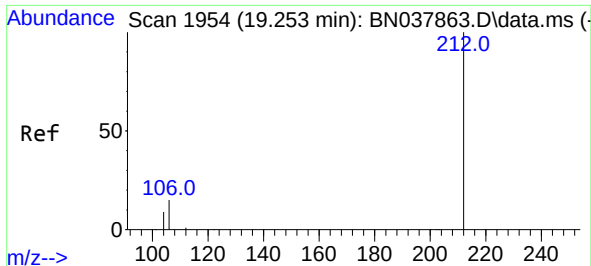
Tgt Ion:172 Resp: 15238
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.4 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:188 Resp: 16256
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.6 11.4#

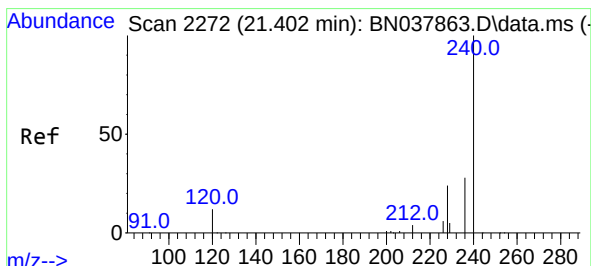
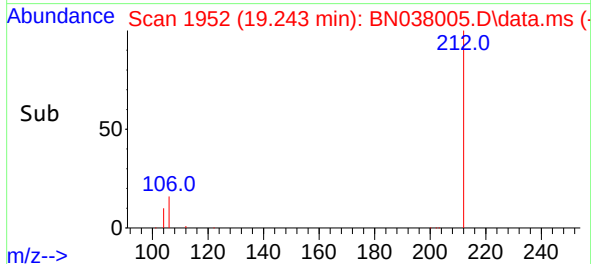
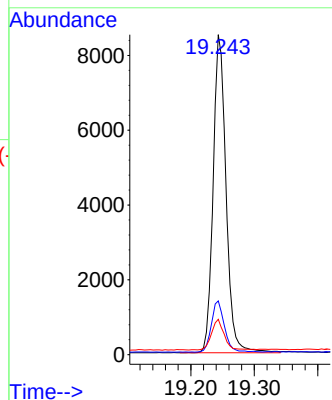
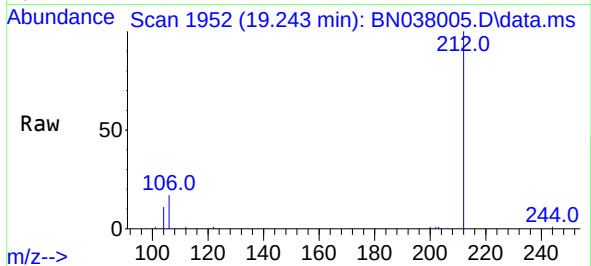




#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.243 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

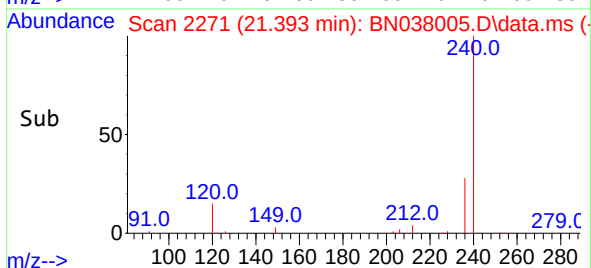
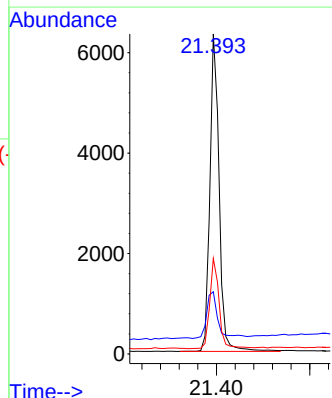
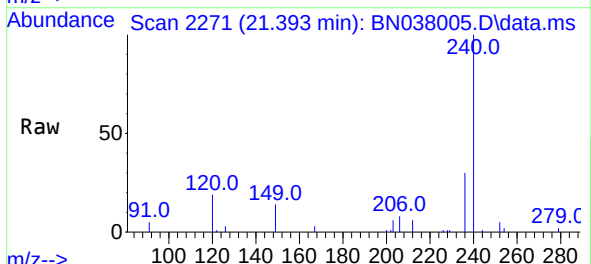
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BNA_N
ClientSampleId :
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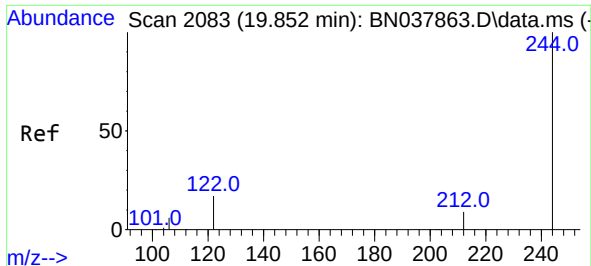
Tgt Ion:	212	Resp:	12032
Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.6	19.0
104	9.5	7.4	11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:	240	Resp:	8725
Ion	Ratio	Lower	Upper
240	100		
120	19.5	11.4	17.2
236	29.8	23.0	34.6

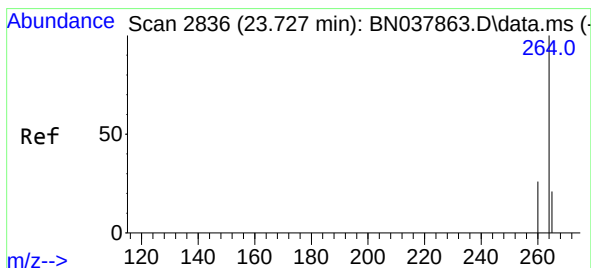
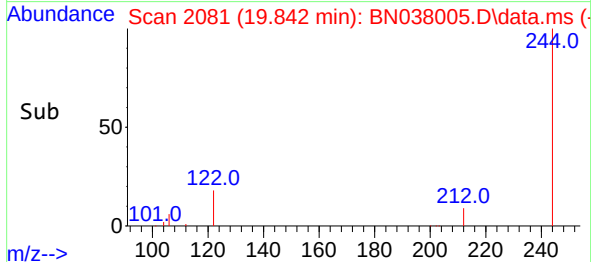
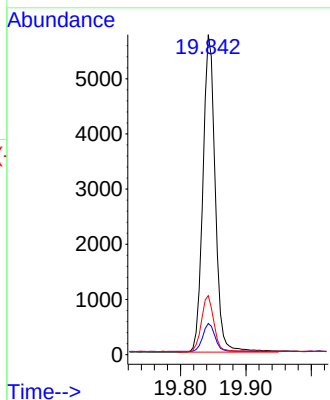
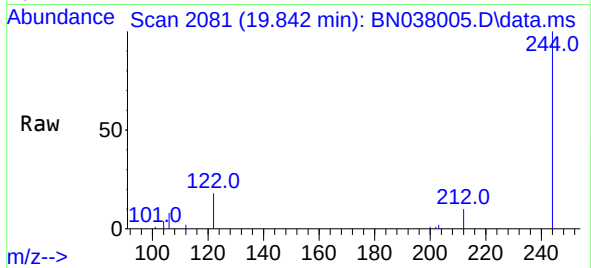




#31
Terphenyl-d14
Concen: 0.434 ng
RT: 19.842 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Instrument :
BNA_N
ClientSampleId :
PB169903BL

Tgt Ion:244 Resp: 7537
Ion Ratio Lower Upper
244 100
212 9.7 7.6 11.4
122 18.5 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.718 min Scan# 2833
Delta R.T. -0.009 min
Lab File: BN038005.D
Acq: 06 Oct 2025 11:55

Tgt Ion:264 Resp: 8166
Ion Ratio Lower Upper
264 100
260 26.8 21.5 32.3
265 128.8 53.8 80.6#

