

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038061.D
 Acq On : 08 Oct 2025 00:54
 Operator : RC/JU
 Sample : PB169992BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169992BL

Quant Time: Oct 11 03:09:44 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	7.804	152	7319	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	19498	0.400	ng	-0.02
13) Acenaphthene-d10	14.451	164	8755	0.400	ng	-0.02
19) Phenanthrene-d10	17.210	188	14397	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	8061	0.400	ng	#-0.02
35) Perylene-d12	23.703	264	8249	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	6448	0.386	ng	-0.01
5) Phenol-d6	6.959	99	7839	0.357	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6740	0.453	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	9519	0.351	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	553	0.167	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16370	0.457	ng	-0.01
27) Fluoranthene-d10	19.238	212	11085	0.306	ng	-0.01
31) Terphenyl-d14	19.838	244	8270	0.515	ng	-0.01

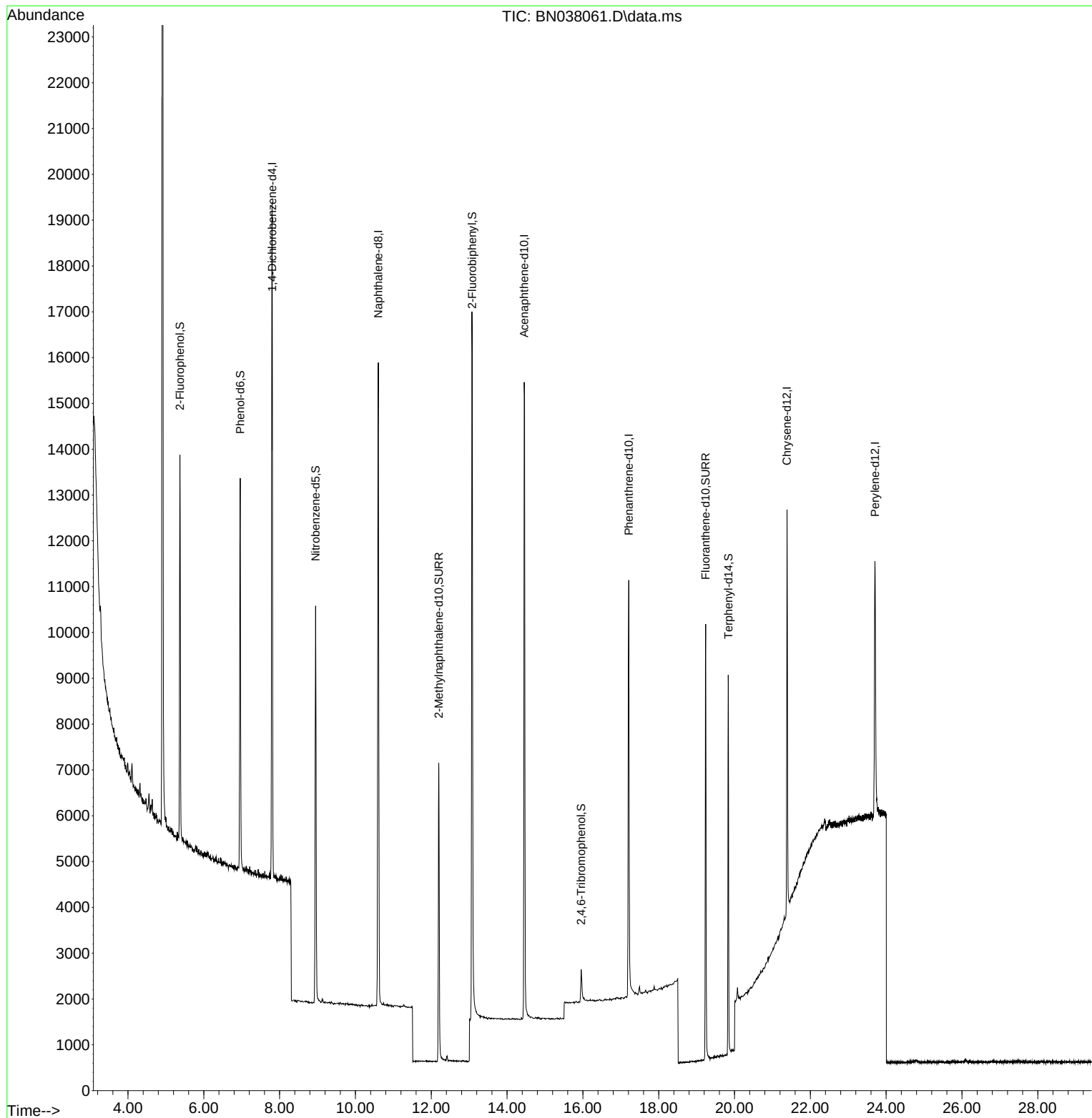
Target Compounds Qvalue

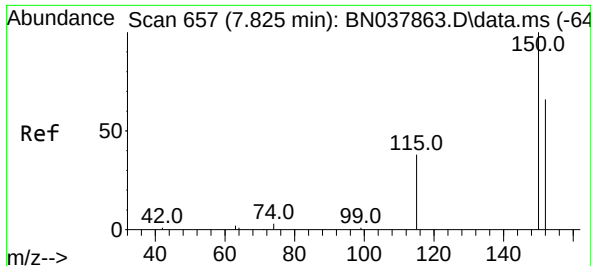
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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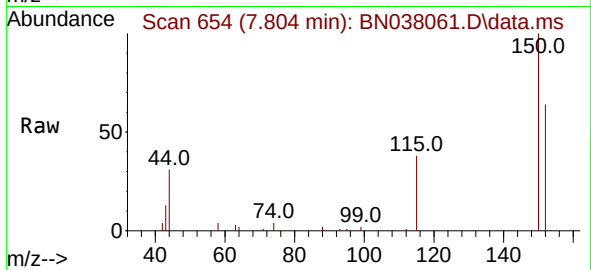
Quant Time: Oct 11 03:09:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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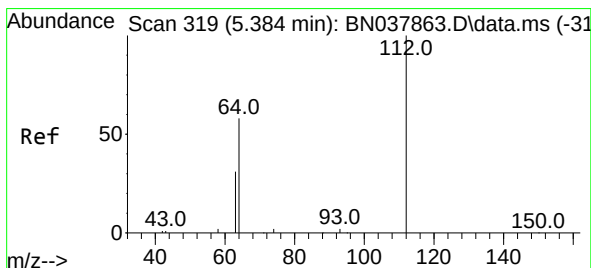
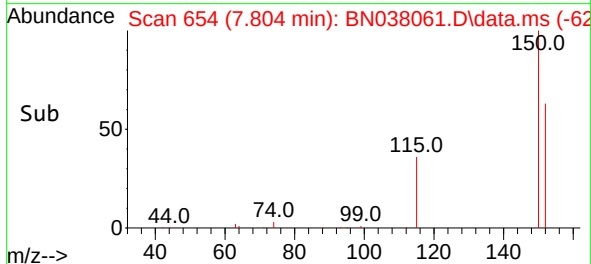
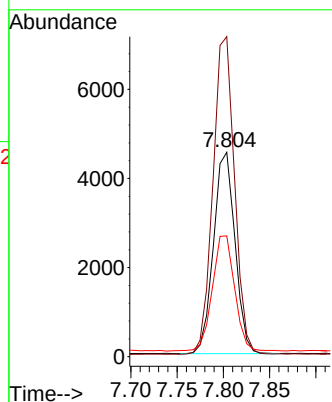


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

Instrument :
BNA_N
ClientSampleId :
PB169992BL

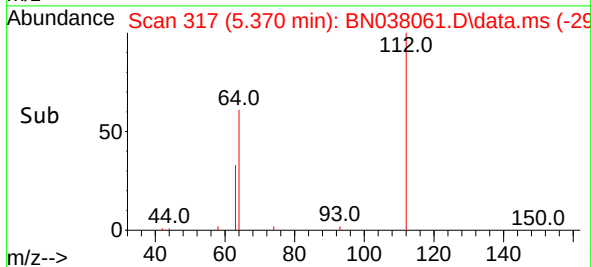
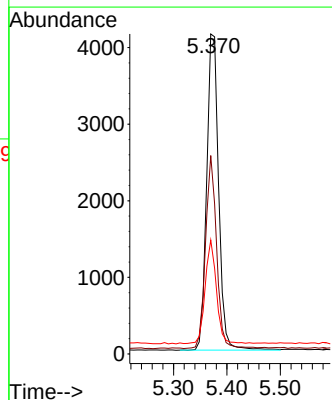
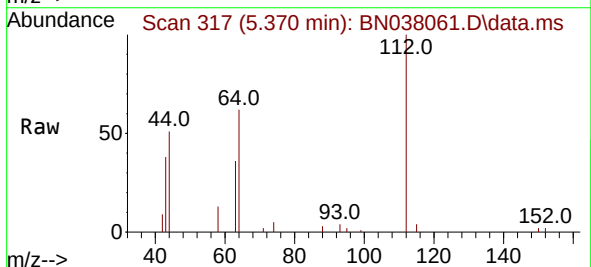


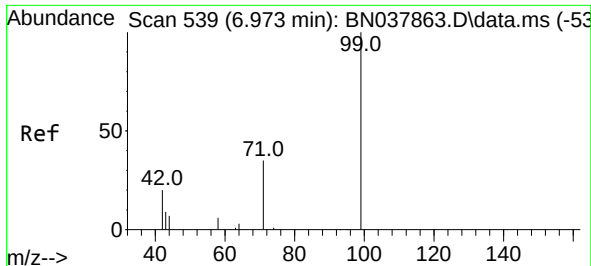
Tgt Ion:152 Resp: 7319
Ion Ratio Lower Upper
152 100
150 156.6 121.0 181.4
115 59.1 47.4 71.0



#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

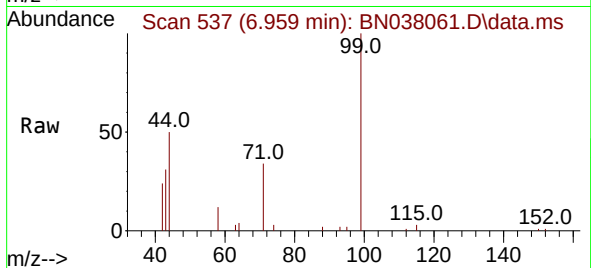
Tgt Ion:112 Resp: 6448
Ion Ratio Lower Upper
112 100
64 56.8 44.6 66.8
63 31.4 24.9 37.3



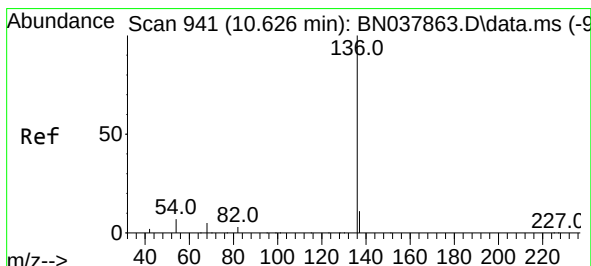
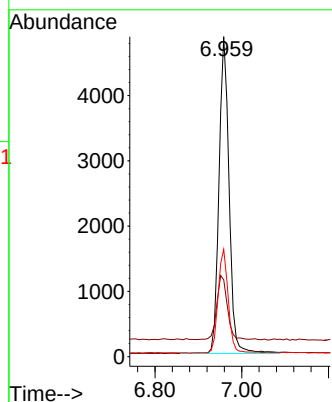
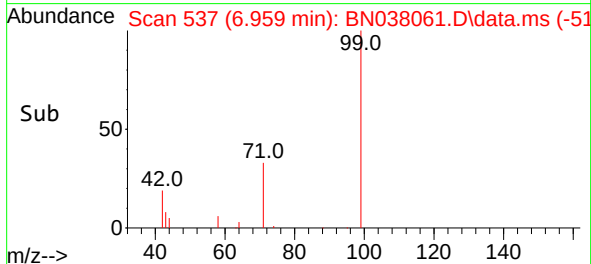


#5
Phenol-d6
Concen: 0.357 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

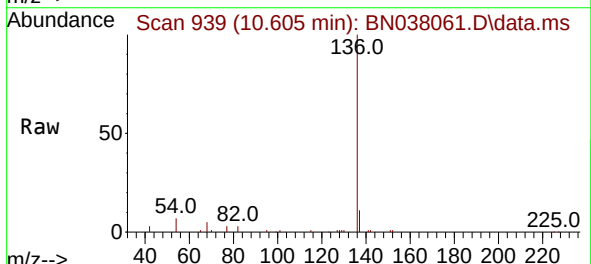
Instrument :
BNA_N
ClientSampleId :
PB169992BL



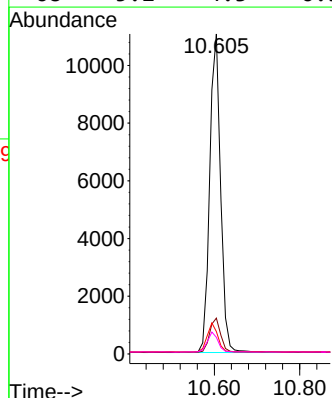
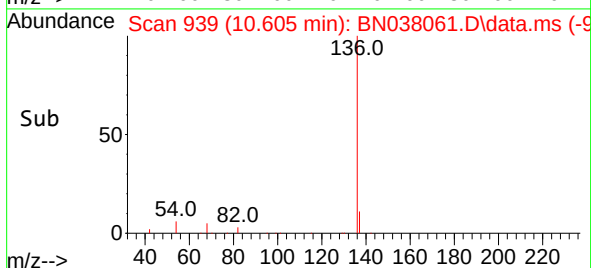
Tgt Ion:	99	Resp:	7839
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.2	25.8
71	33.4	27.3	40.9

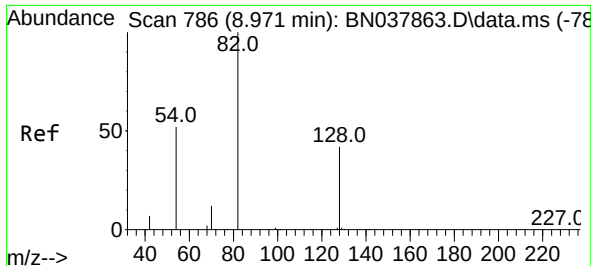


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.022 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54



Tgt Ion:	136	Resp:	19498
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.8	8.8
68	5.2	4.3	6.5

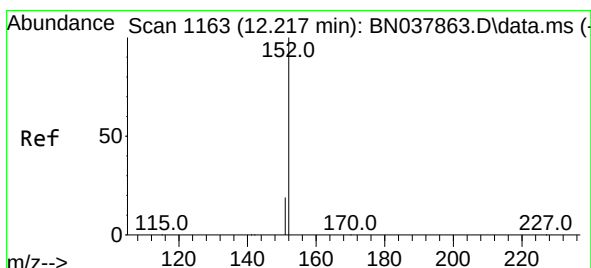
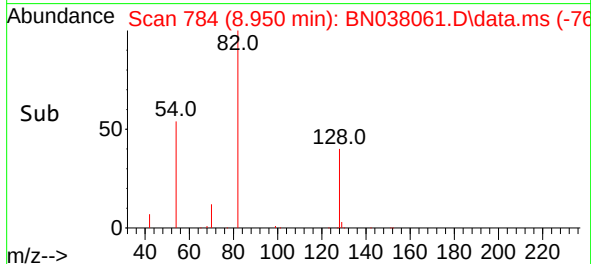
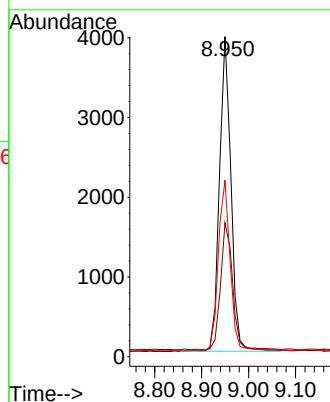
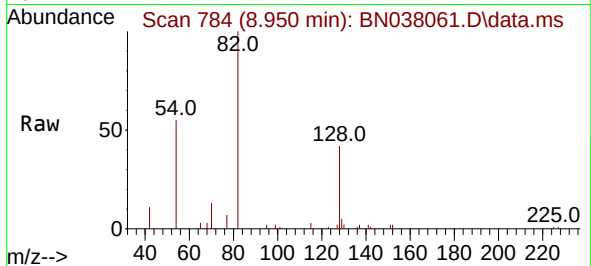




#8
Nitrobenzene-d5
Concen: 0.453 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

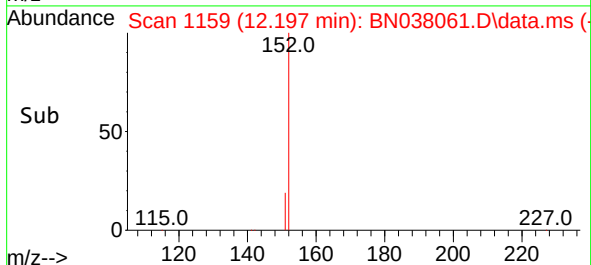
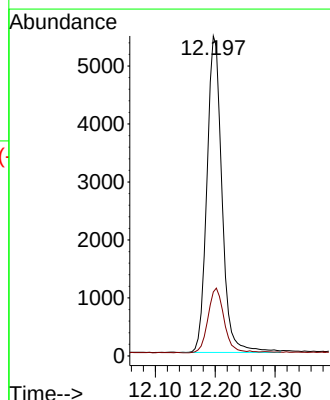
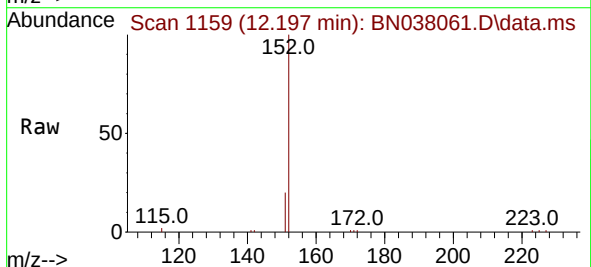
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BNA_N
ClientSampleId :
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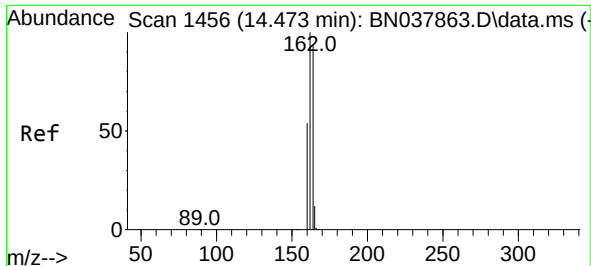
Tgt Ion: 82 Resp: 6740
Ion Ratio Lower Upper
82 100
128 41.9 34.8 52.2
54 55.2 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.021 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

Tgt Ion: 152 Resp: 9519
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2

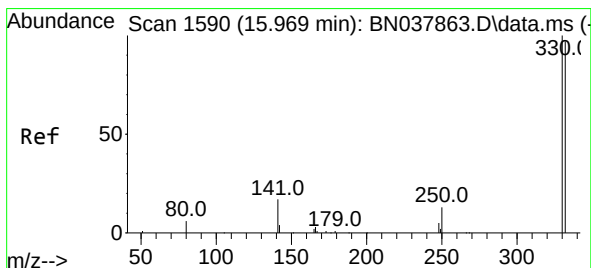
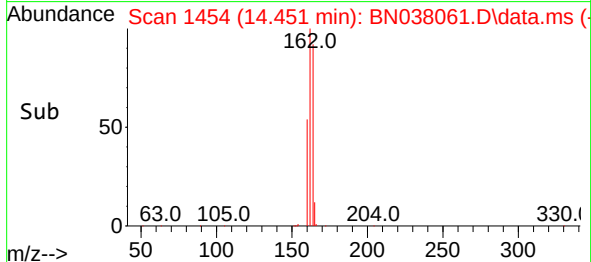
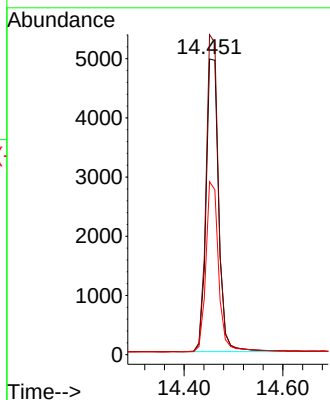
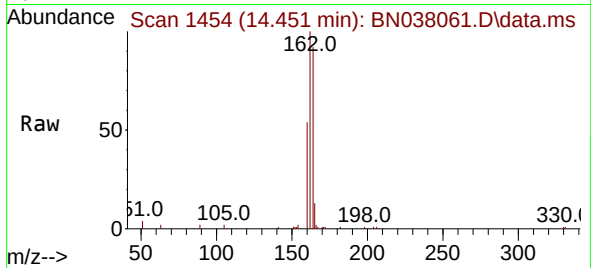




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.451 min Scan# 1456
 Delta R.T. -0.022 min
 Lab File: BN038061.D
 Acq: 08 Oct 2025 00:54

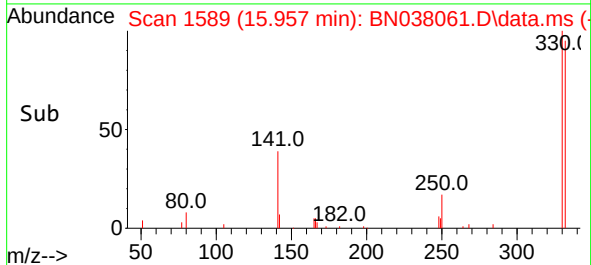
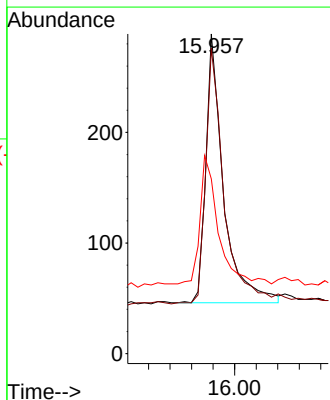
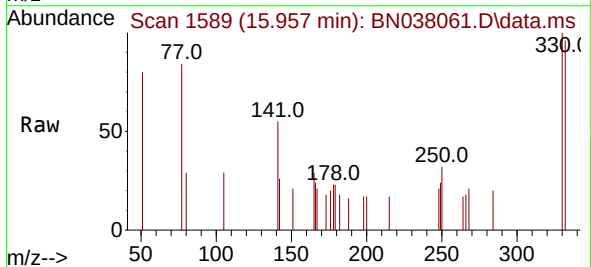
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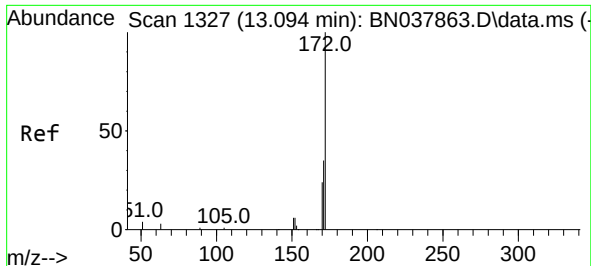
Tgt Ion:164 Resp: 8755
 Ion Ratio Lower Upper
 164 100
 162 108.2 84.8 127.2
 160 58.5 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 0.167 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN038061.D
 Acq: 08 Oct 2025 00:54

Tgt Ion:330 Resp: 553
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.2 115.8
 141 50.8 37.2 55.8

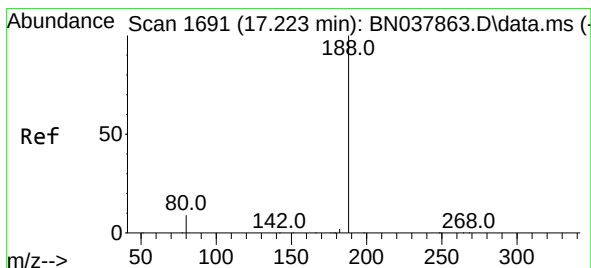
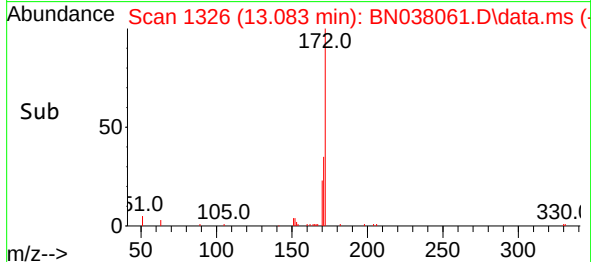
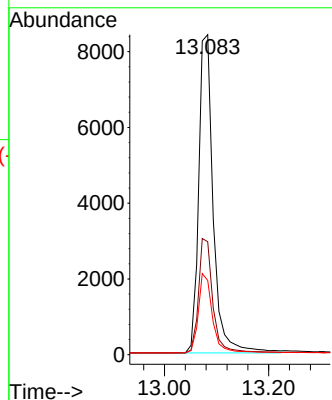
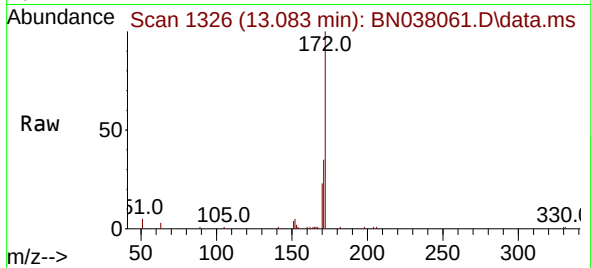




#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

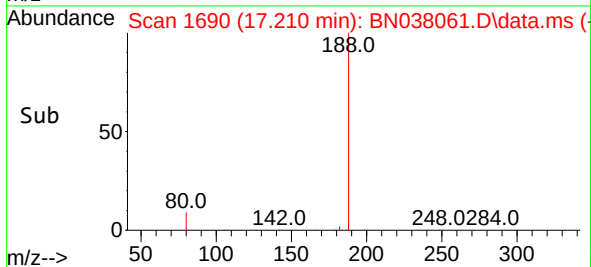
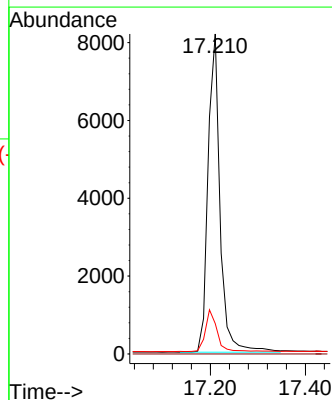
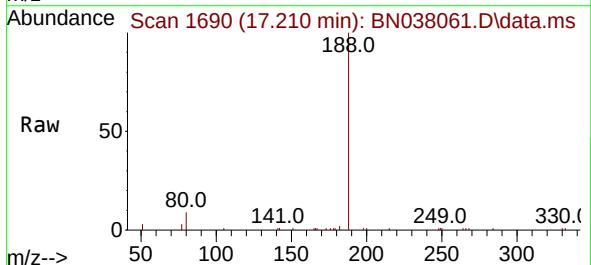
Instrument :
BNA_N
ClientSampleId :
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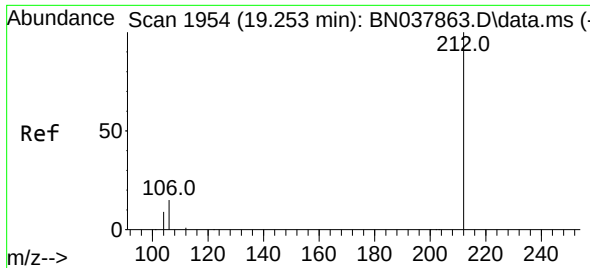
Tgt Ion:172 Resp: 16370
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.2 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.210 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

Tgt Ion:188 Resp: 14397
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.6 11.4

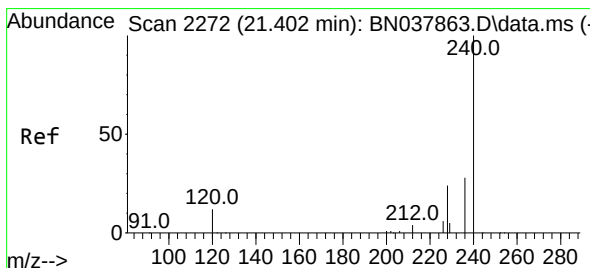
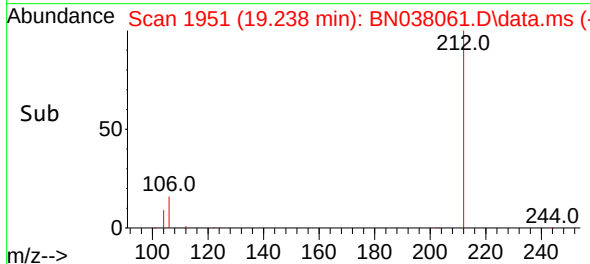
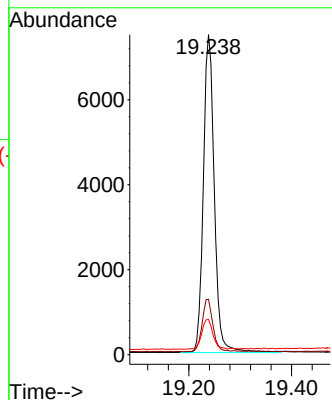
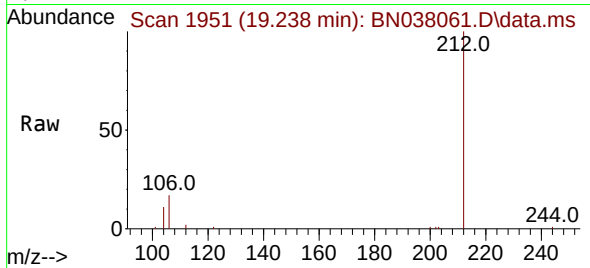




#27
Fluoranthene-d10
Concen: 0.306 ng
RT: 19.238 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

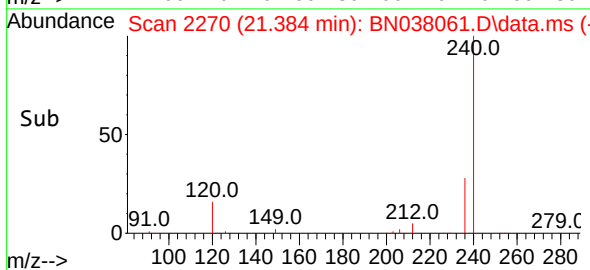
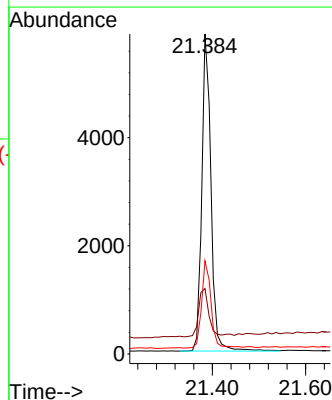
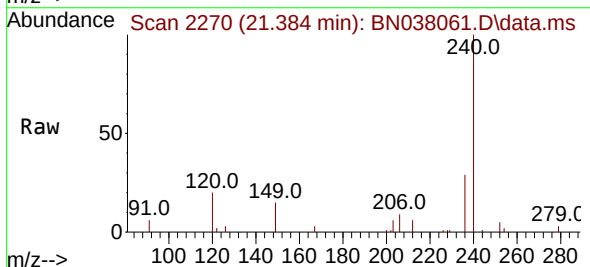
Instrument :
BNA_N
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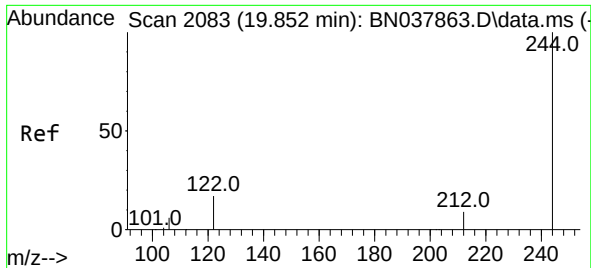
Tgt Ion:212 Resp: 11085
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.4 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2270
Delta R.T. -0.018 min
Lab File: BN038061.D
Acq: 08 Oct 2025 00:54

Tgt Ion:240 Resp: 8061
Ion Ratio Lower Upper
240 100
120 20.4 11.4 17.2#
236 29.1 23.0 34.6

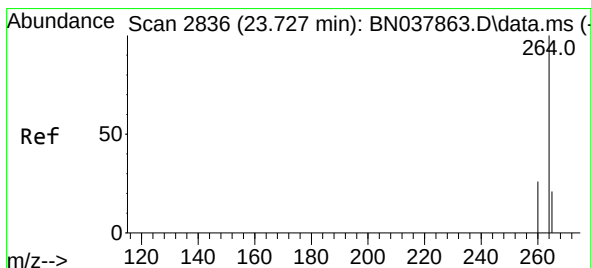
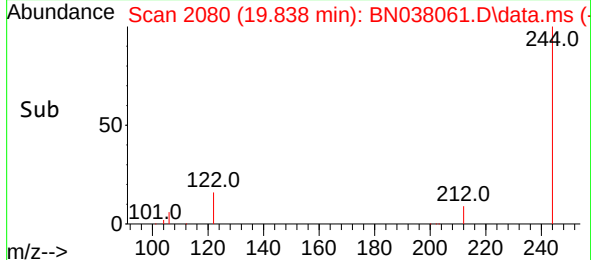
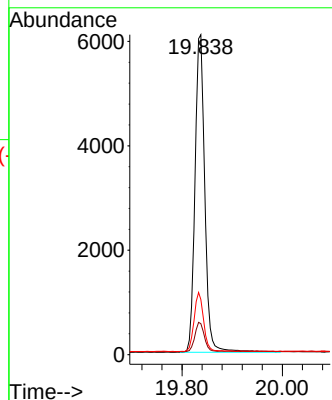
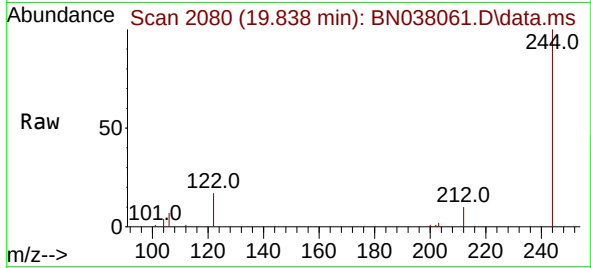




#31
 Terphenyl-d14
 Concen: 0.515 ng
 RT: 19.838 min Scan# 2083
 Delta R.T. -0.014 min
 Lab File: BN038061.D
 Acq: 08 Oct 2025 00:54

Instrument :
 BNA_N
 ClientSampleId :
 PB169992BL

Tgt Ion:244 Resp: 8270
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.6 11.4
 122 17.2 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.703 min Scan# 2828
 Delta R.T. -0.024 min
 Lab File: BN038061.D
 Acq: 08 Oct 2025 00:54

Tgt Ion:264 Resp: 8249
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.5 32.3
 265 124.1 53.8 80.6#

