

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070925\
 Data File : BN037451.D
 Acq On : 09 Jul 2025 23:41
 Operator : RC/JU
 Sample : PB168032BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

Quant Time: Jul 10 00:50:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2401	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	5870	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	2715	0.400	ng	# 0.00
19) Phenanthrene-d10	17.099	188	4603	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3270	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	3142	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	2140	0.331	ng	0.00
5) Phenol-d6	6.894	99	2591	0.326	ng	0.00
8) Nitrobenzene-d5	8.875	82	1482	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2764	0.337	ng	-0.01
14) 2,4,6-Tribromophenol	15.845	330	143	0.129	ng	-0.01
15) 2-Fluorobiphenyl	12.993	172	6003	0.401	ng	0.00
27) Fluoranthene-d10	19.132	212	4131	0.349	ng	0.00
31) Terphenyl-d14	19.740	244	2803	0.407	ng	0.00

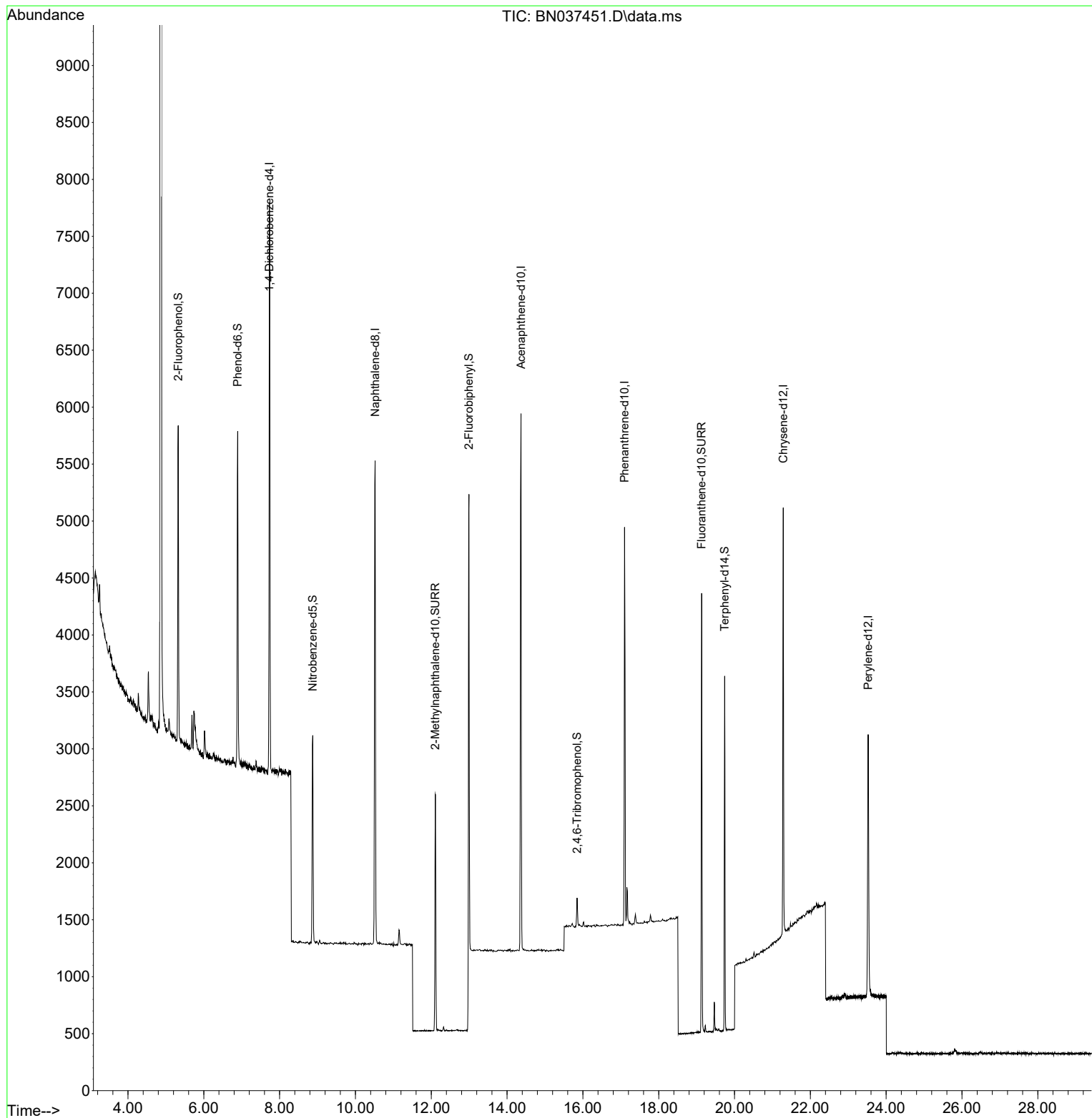
Target Compounds	Qvalue

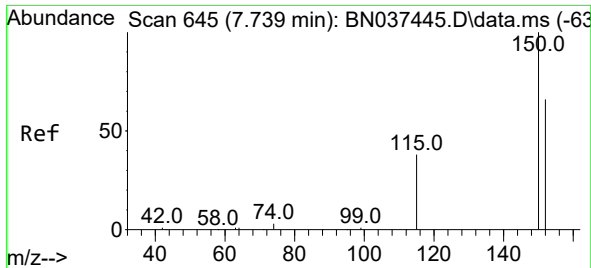
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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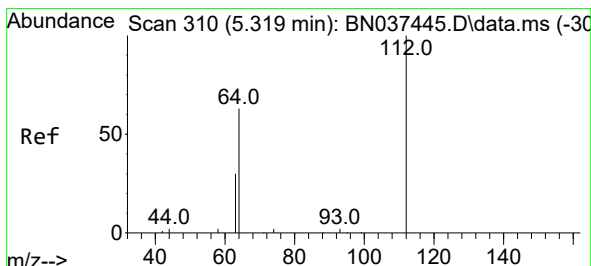
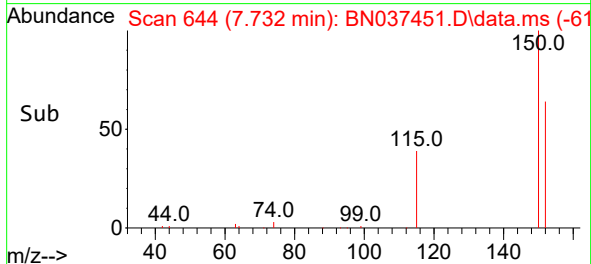
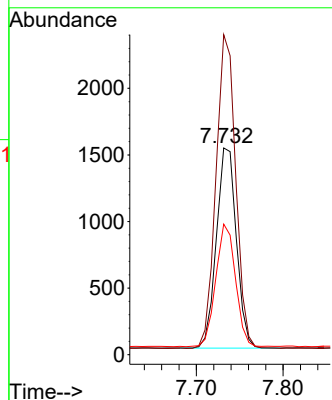
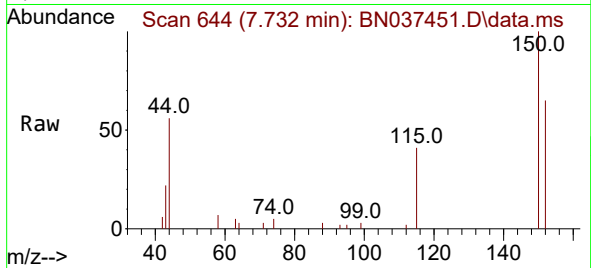




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 645
Delta R.T. -0.007 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

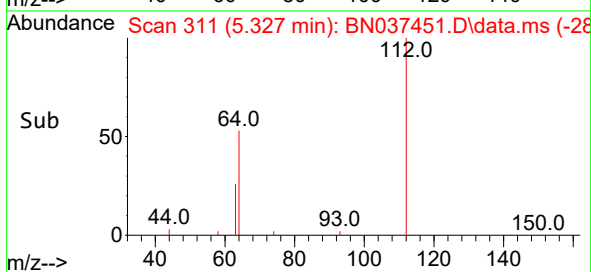
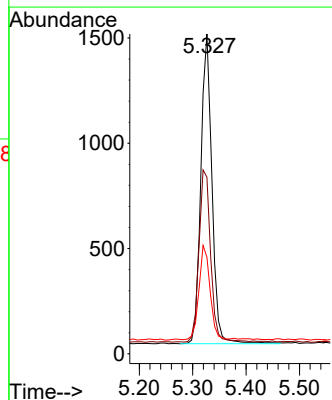
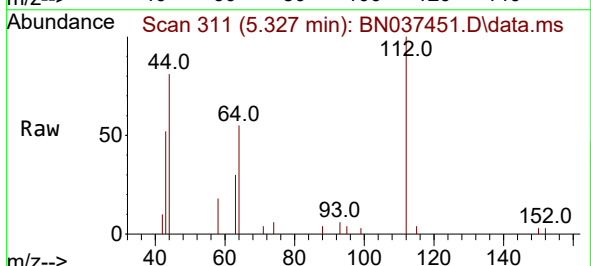
Instrument :
BNA_N
ClientSampleId :
PB168032BL

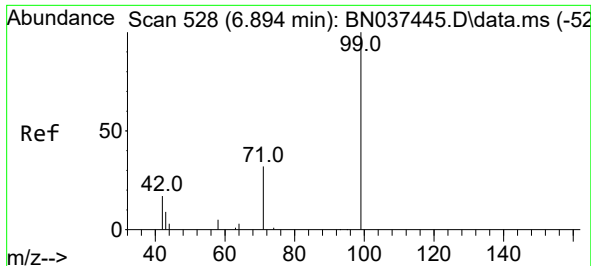
Tgt Ion:152 Resp: 2401
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 63.1 50.4 75.6



#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.327 min Scan# 311
Delta R.T. 0.001 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

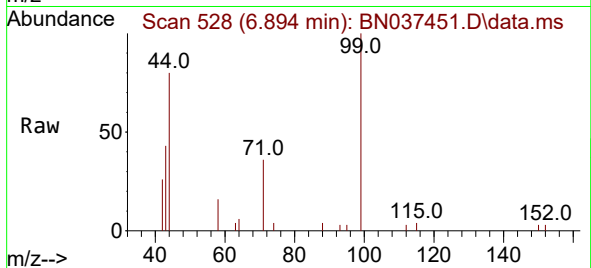
Tgt Ion:112 Resp: 2140
Ion Ratio Lower Upper
112 100
64 57.7 49.4 74.2
63 30.3 27.2 40.8



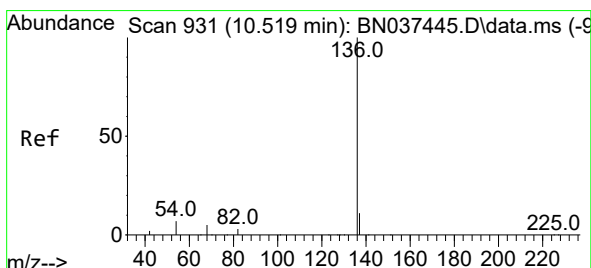
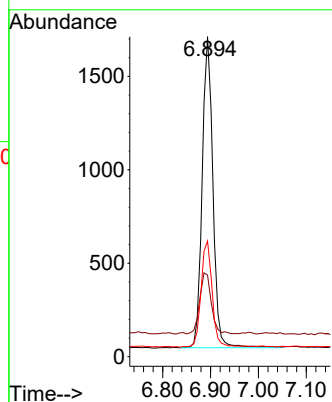
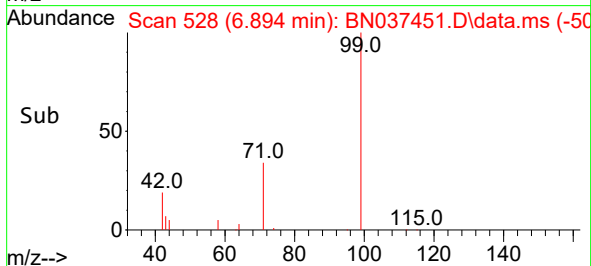


#5
Phenol-d6
Concen: 0.326 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

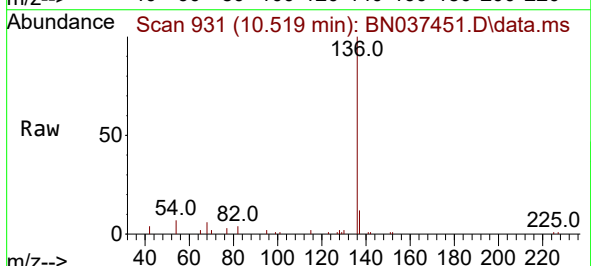
Instrument :
BNA_N
ClientSampleId :
PB168032BL



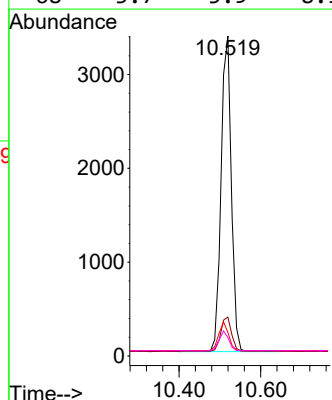
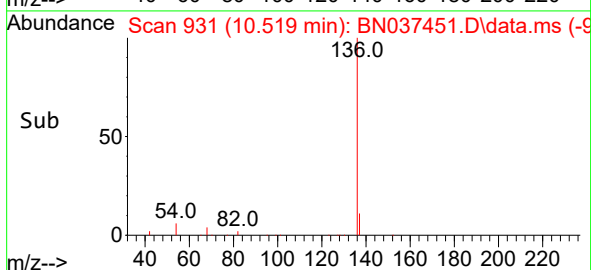
Tgt Ion: 99 Resp: 2591
Ion Ratio Lower Upper
99 100
42 21.4 22.5 33.7#
71 35.2 27.8 41.6

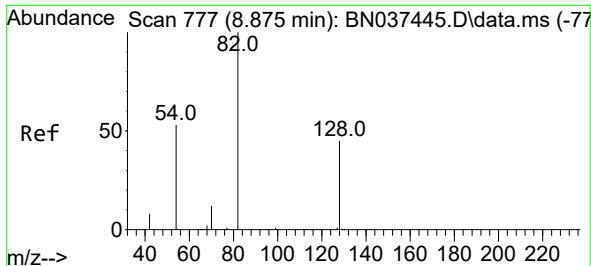


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41



Tgt Ion: 136 Resp: 5870
Ion Ratio Lower Upper
136 100
137 12.1 9.5 14.3
54 7.4 8.8 13.2#
68 5.7 5.9 8.9#

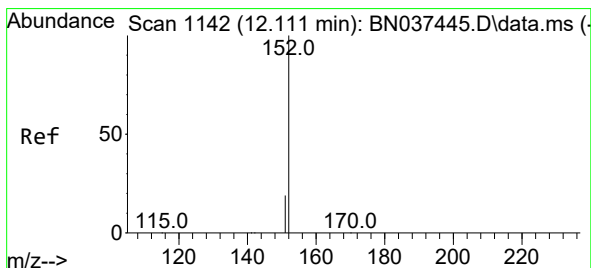
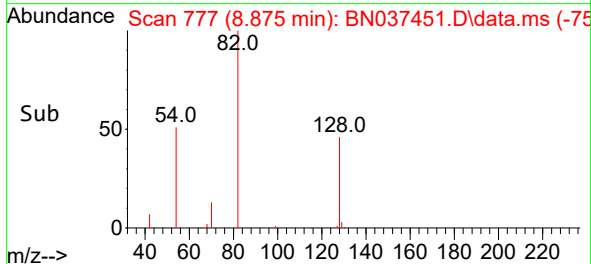
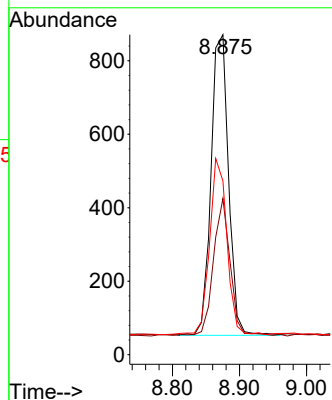
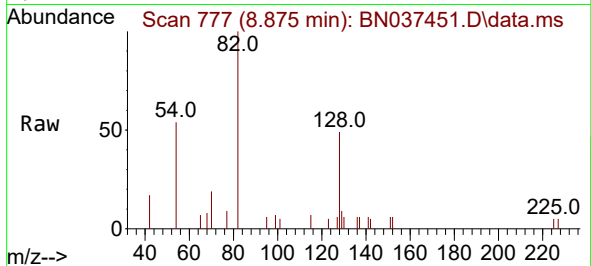




#8
Nitrobenzene-d5
Concen: 0.375 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

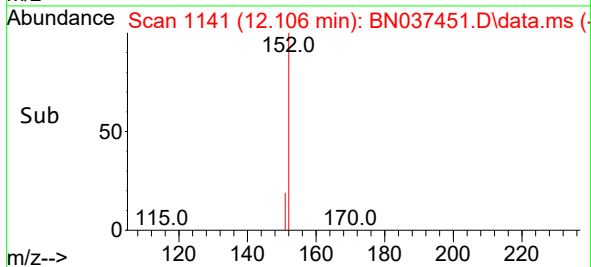
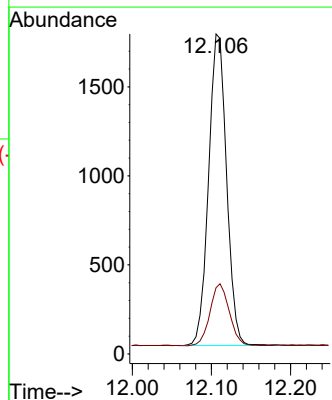
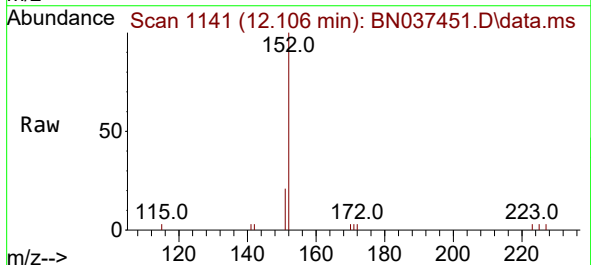
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ClientSampleId :
PB168032BL

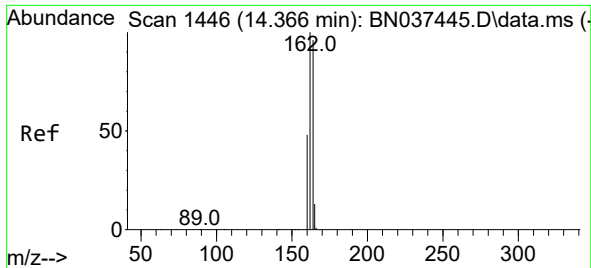
Tgt Ion: 82 Resp: 1482
Ion Ratio Lower Upper
82 100
128 48.8 31.4 47.0#
54 54.3 51.3 76.9



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

Tgt Ion:152 Resp: 2764
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1

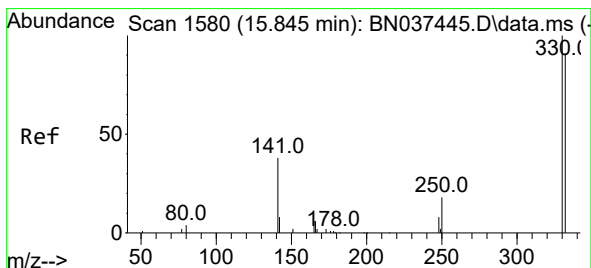
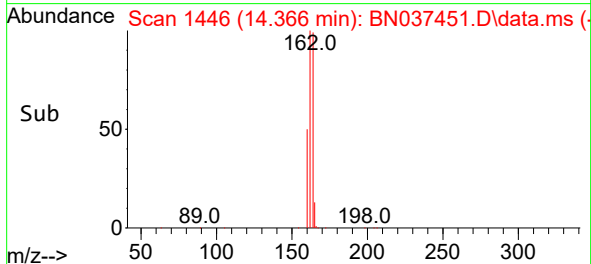
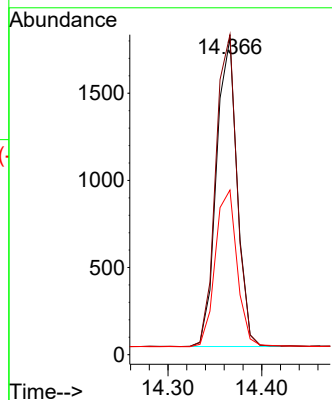
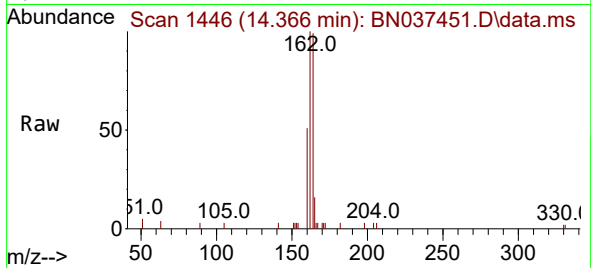




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

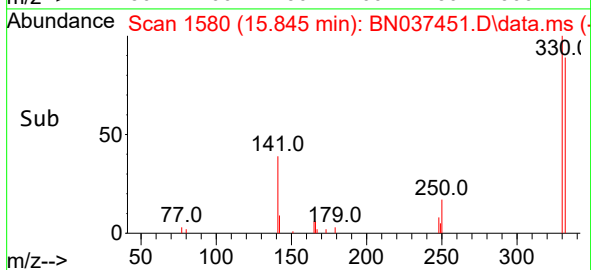
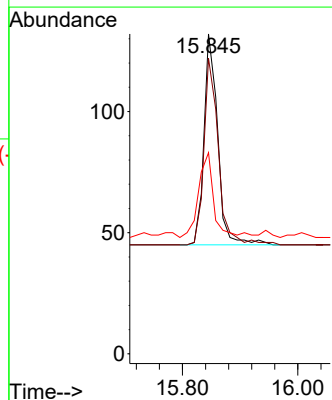
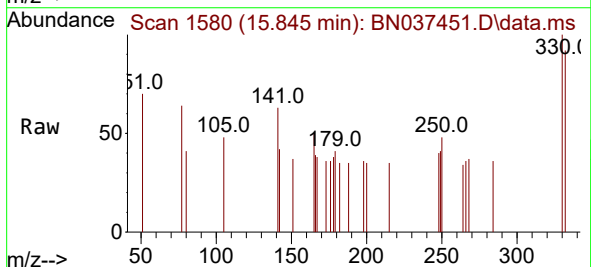
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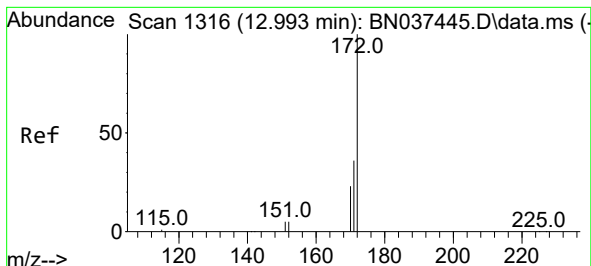
Tgt Ion:164 Resp: 2715
Ion Ratio Lower Upper
164 100
162 101.0 82.7 124.1
160 52.0 55.0 82.4#



#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

Tgt Ion:330 Resp: 143
Ion Ratio Lower Upper
330 100
332 93.7 75.3 112.9
141 45.5 38.7 58.1

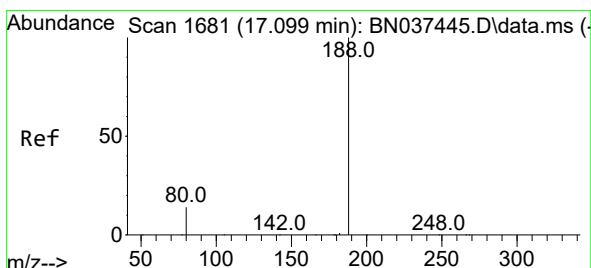
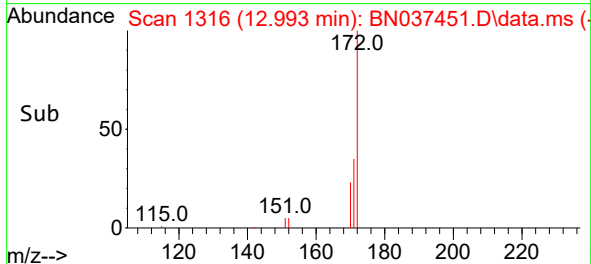
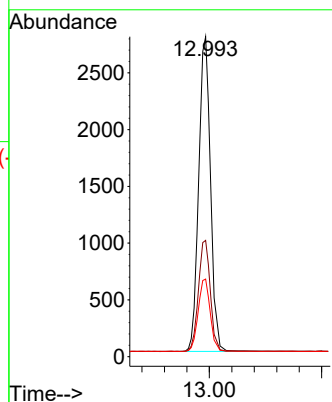
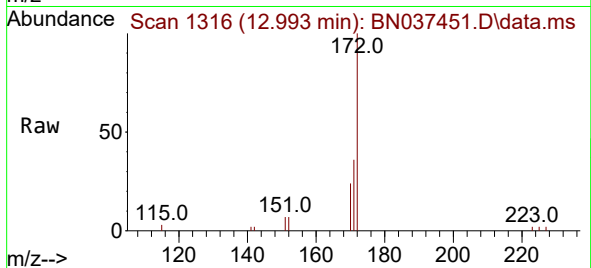




#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.993 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

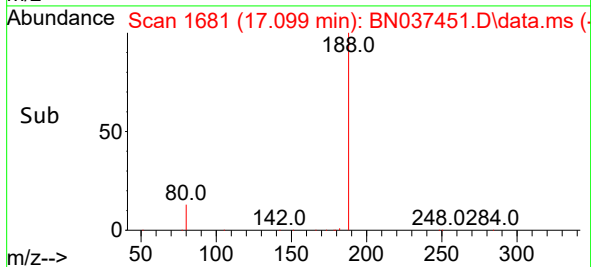
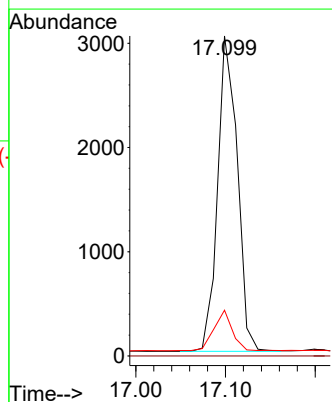
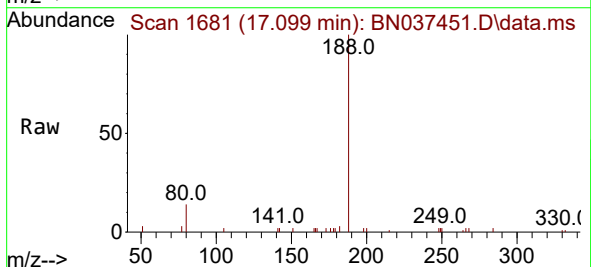
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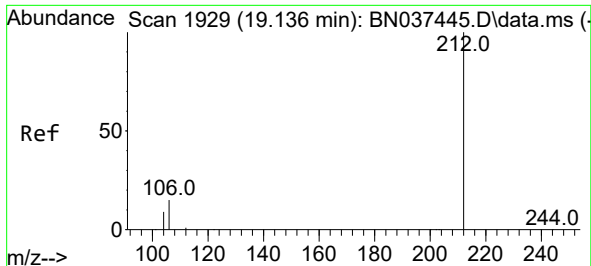
Tgt Ion:172 Resp: 6003
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

Tgt Ion:188 Resp: 4603
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.8 11.6#

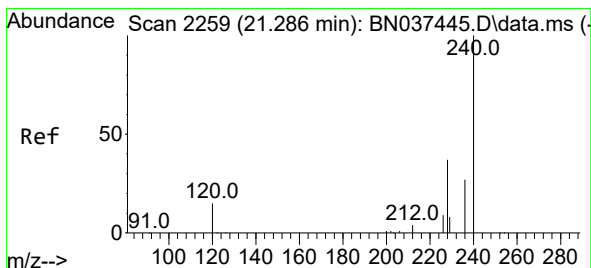
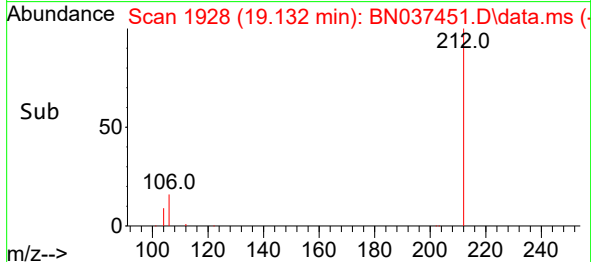
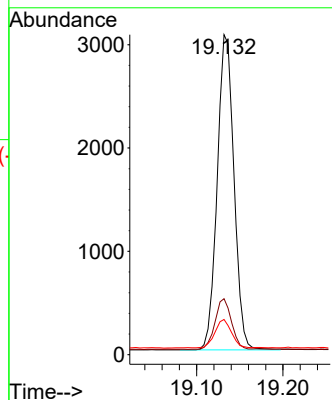
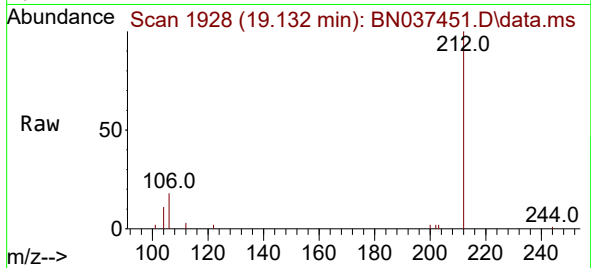




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

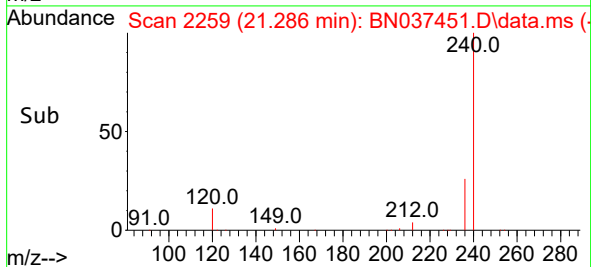
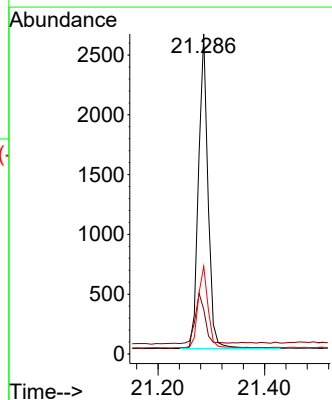
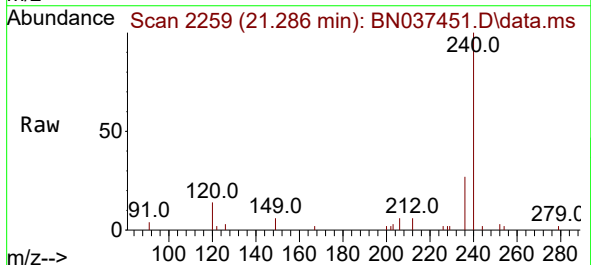
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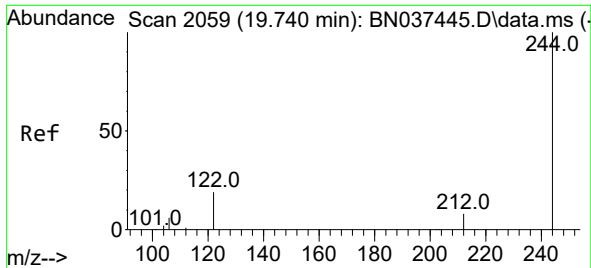
Tgt Ion:212 Resp: 4131
Ion Ratio Lower Upper
212 100
106 15.8 13.4 20.0
104 8.8 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

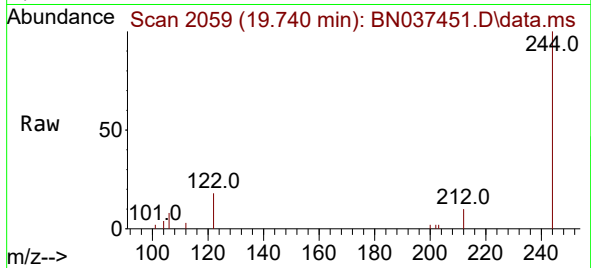
Tgt Ion:240 Resp: 3270
Ion Ratio Lower Upper
240 100
120 14.0 16.4 24.6#
236 27.4 23.3 34.9



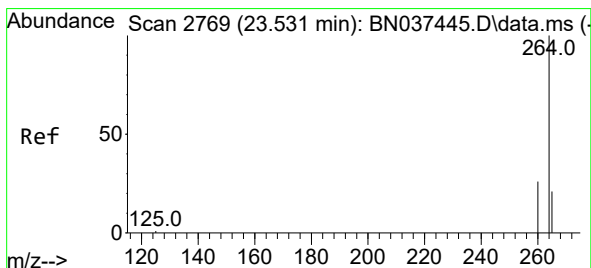
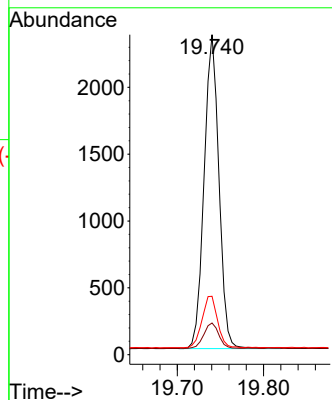


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

Instrument :
BNA_N
ClientSampleId :
PB168032BL



Tgt Ion:244 Resp: 2803
Ion Ratio Lower Upper
244 100
212 9.9 9.0 13.4
122 18.3 15.0 22.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2767
Delta R.T. -0.020 min
Lab File: BN037451.D
Acq: 09 Jul 2025 23:41

Tgt Ion:264 Resp: 3142
Ion Ratio Lower Upper
264 100
260 27.5 22.1 33.1
265 46.6 30.1 45.1#

