

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
 Data File : BN037141.D
 Acq On : 02 Jun 2025 21:47
 Operator : RC/JU
 Sample : PB168100BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168100BL

Quant Time: Jun 03 05:43:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 03 05:41:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1873	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	4484	0.400	ng	0.00
13) Acenaphthene-d10	14.245	164	2402	0.400	ng	0.00
19) Phenanthrene-d10	16.996	188	5187	0.400	ng	# 0.00
29) Chrysene-d12	21.189	240	3784	0.400	ng	# 0.00
35) Perylene-d12	23.386	264	3351	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	1693	0.363	ng	0.00
5) Phenol-d6	6.780	99	2012	0.346	ng	0.00
8) Nitrobenzene-d5	8.760	82	1742	0.365	ng	0.01
11) 2-Methylnaphthalene-d10	11.986	152	2216	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	115	0.102	ng	0.01
15) 2-Fluorobiphenyl	12.878	172	3836	0.385	ng	0.01
27) Fluoranthene-d10	19.035	212	5287	0.377	ng	0.00
31) Terphenyl-d14	19.639	244	3694	0.415	ng	0.00

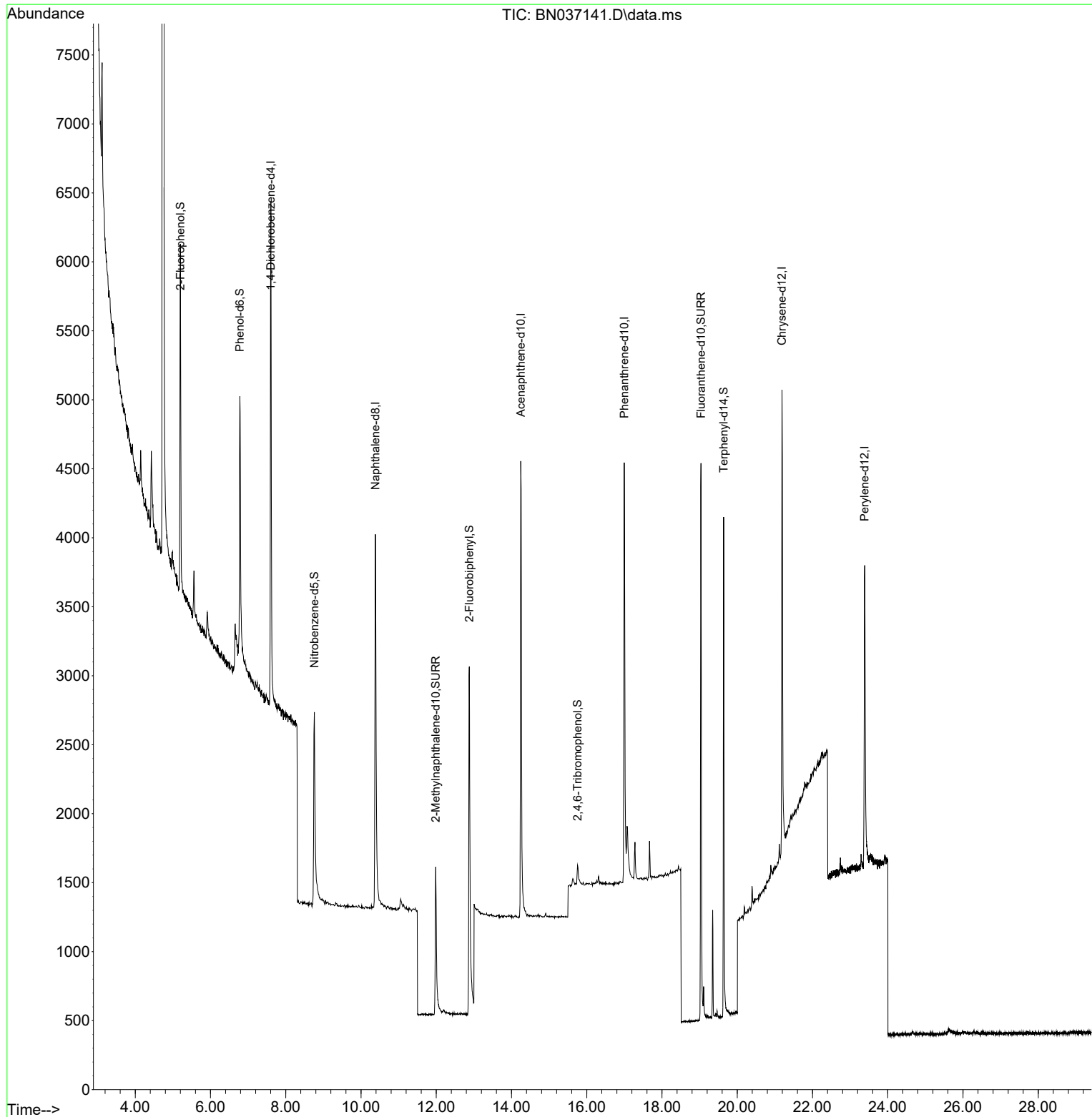
Target Compounds Qvalue

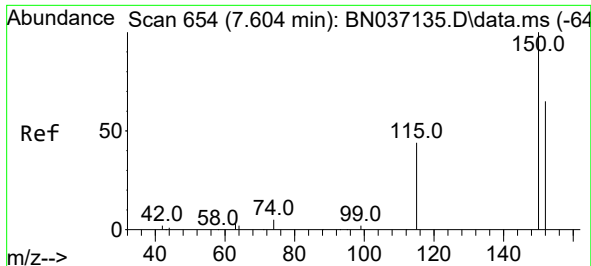
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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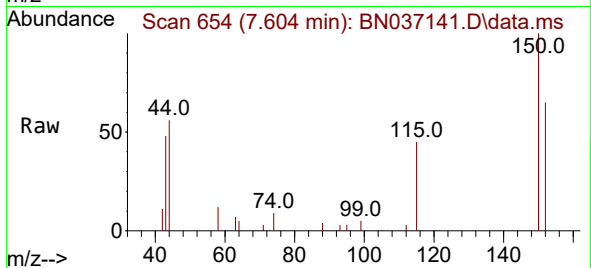
Quant Time: Jun 03 05:43:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 05:41:05 2025
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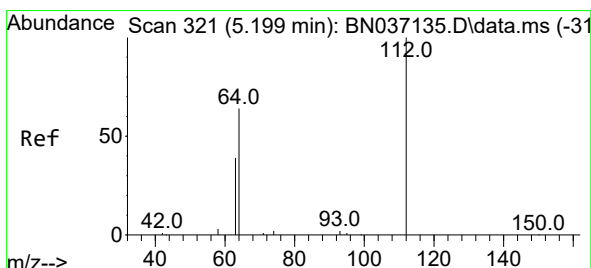
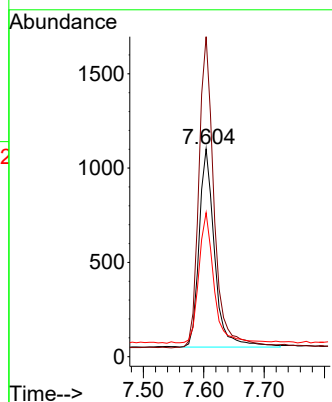
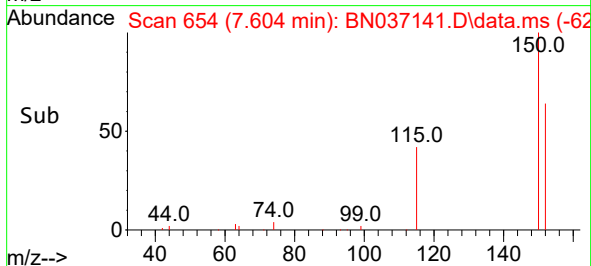


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

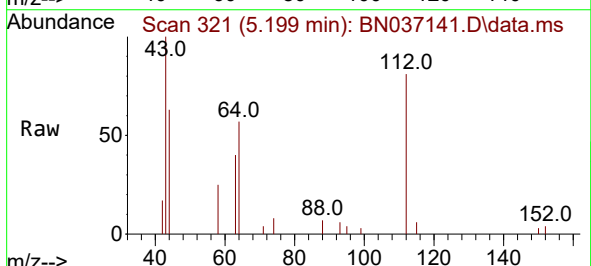
Instrument :
BNA_N
ClientSampleId :
PB168100BL



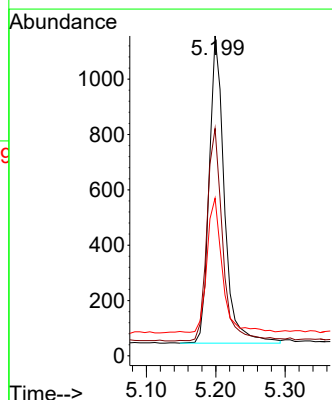
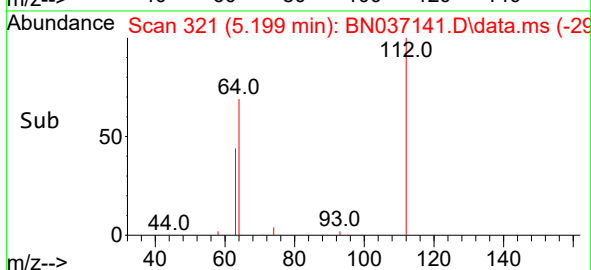
Tgt Ion:152 Resp: 1873
Ion Ratio Lower Upper
152 100
150 154.0 120.6 180.8
115 69.3 56.6 85.0

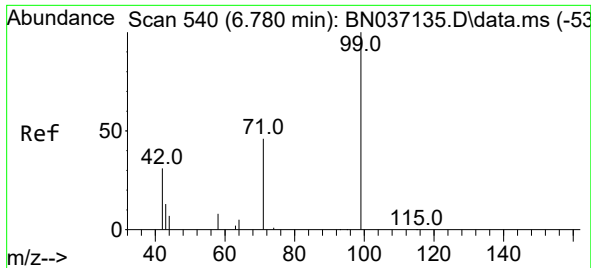


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47



Tgt Ion:112 Resp: 1693
Ion Ratio Lower Upper
112 100
64 71.8 56.0 84.0
63 43.8 37.0 55.4

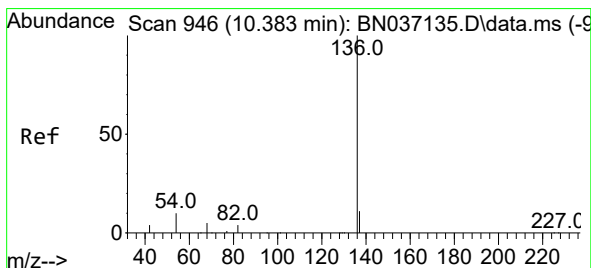
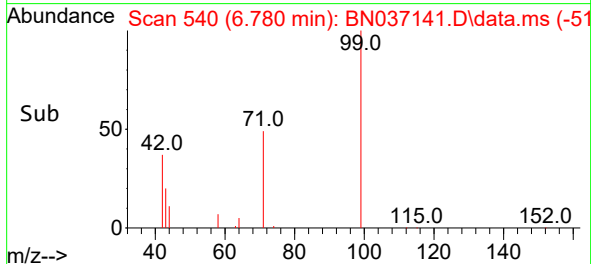
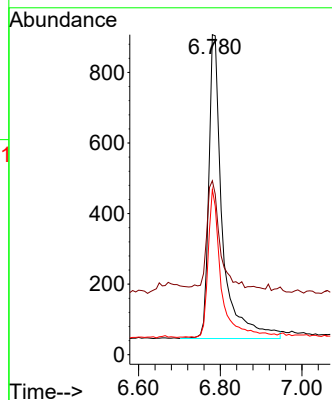
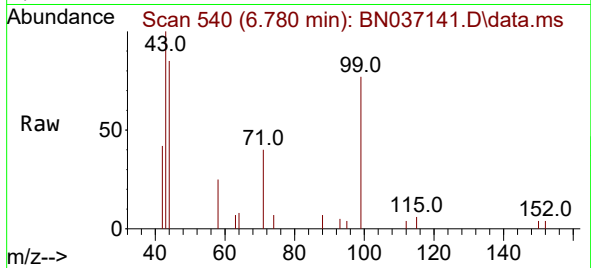




#5
Phenol-d6
Concen: 0.346 ng
RT: 6.780 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

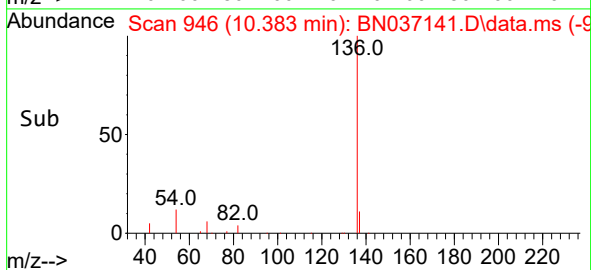
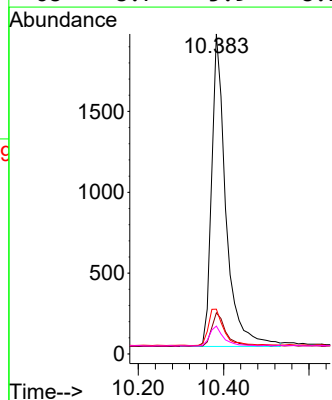
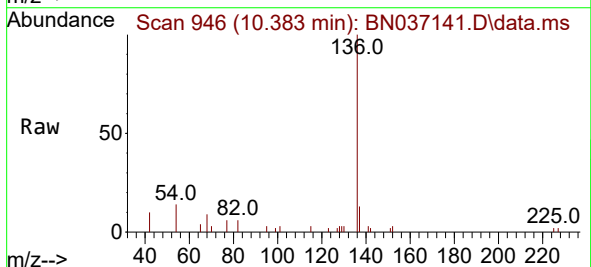
Instrument :
BNA_N
ClientSampleId :
PB168100BL

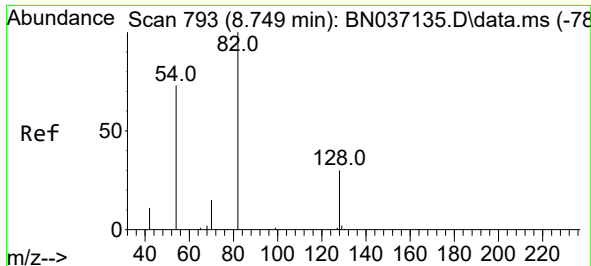
Tgt Ion: 99 Resp: 2012
Ion Ratio Lower Upper
99 100
42 32.5 30.5 45.7
71 46.6 39.1 58.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion: 136 Resp: 4484
Ion Ratio Lower Upper
136 100
137 12.9 10.3 15.5
54 14.0 9.9 14.9
68 8.7 5.9 8.9

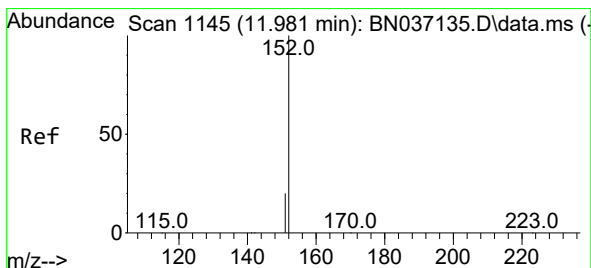
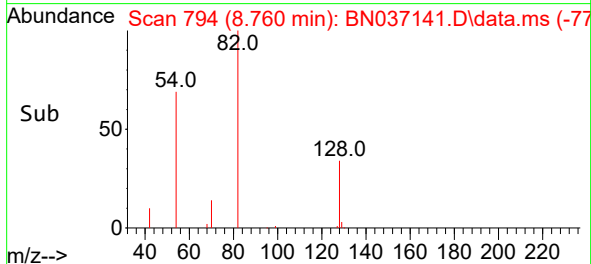
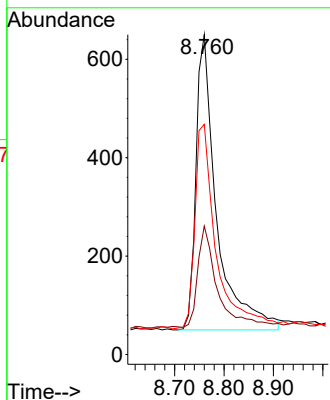
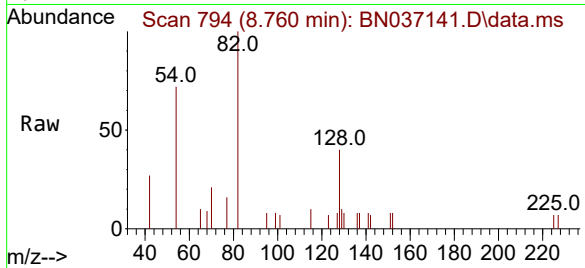




#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

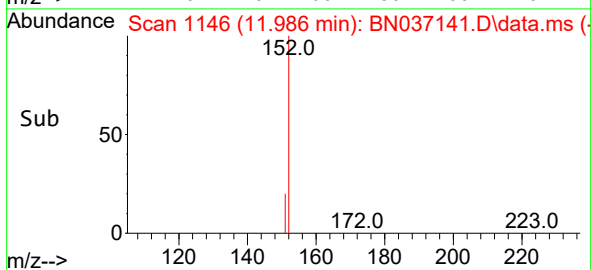
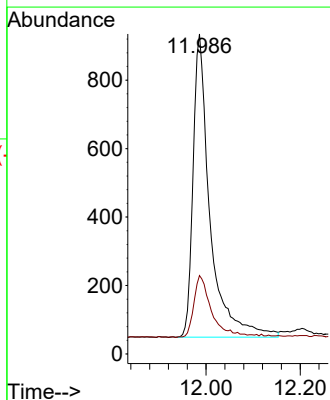
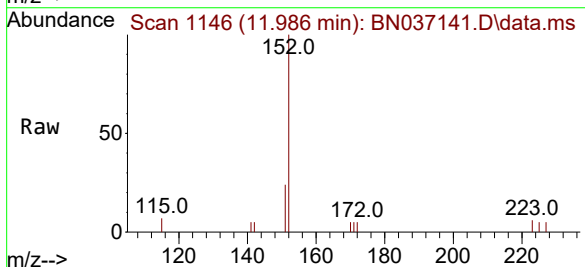
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BNA_N
ClientSampleId :
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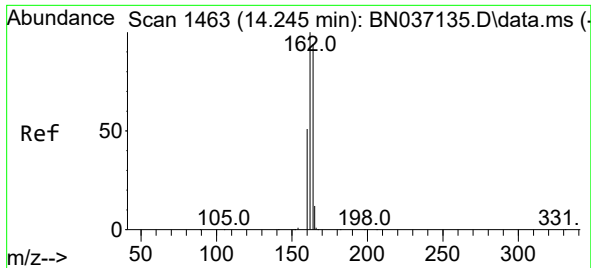
Tgt Ion: 82 Resp: 1742
Ion Ratio Lower Upper
82 100
128 40.2 28.2 42.2
54 72.0 60.2 90.2



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 11.986 min Scan# 1146
Delta R.T. 0.005 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion: 152 Resp: 2216
Ion Ratio Lower Upper
152 100
151 21.6 17.8 26.6

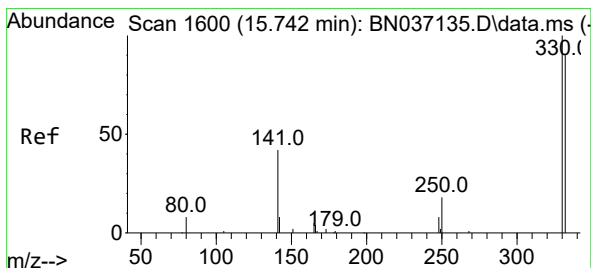
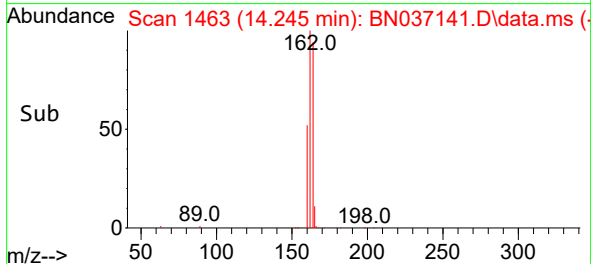
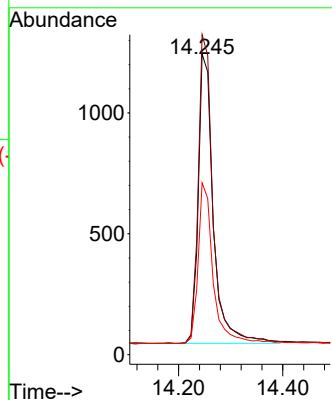
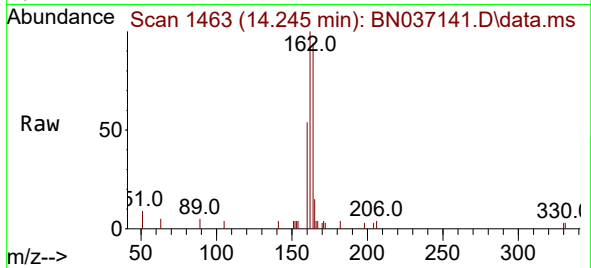




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

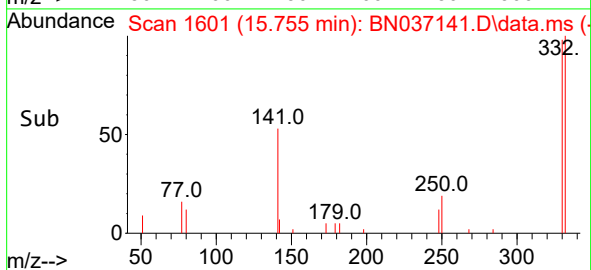
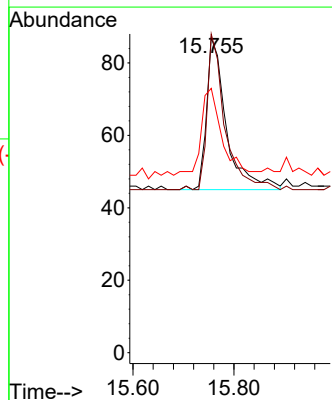
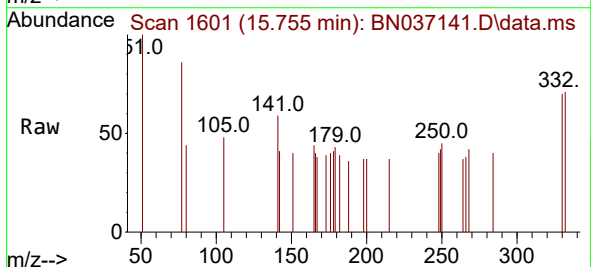
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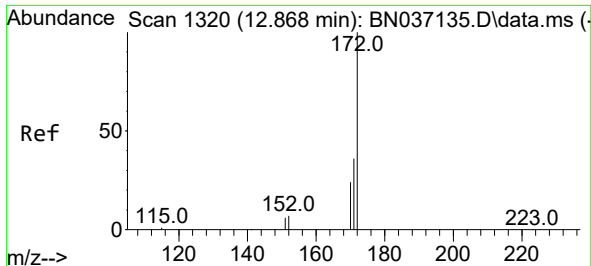
Tgt Ion:164 Resp: 2402
Ion Ratio Lower Upper
164 100
162 106.4 85.1 127.7
160 57.2 44.2 66.4



#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.013 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion:330 Resp: 115
Ion Ratio Lower Upper
330 100
332 92.2 76.6 115.0
141 65.2 47.3 70.9

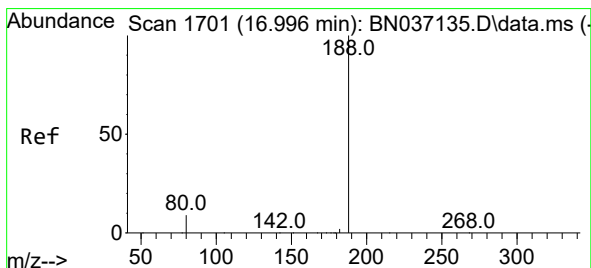
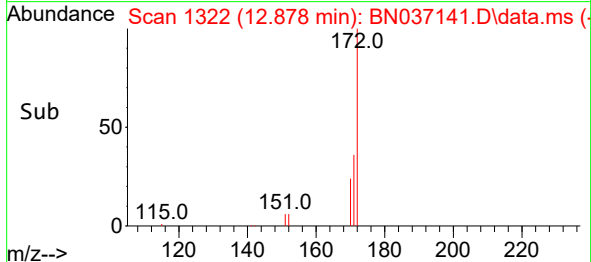
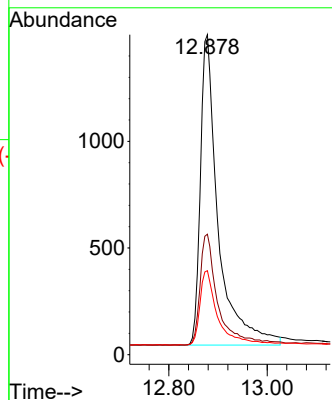
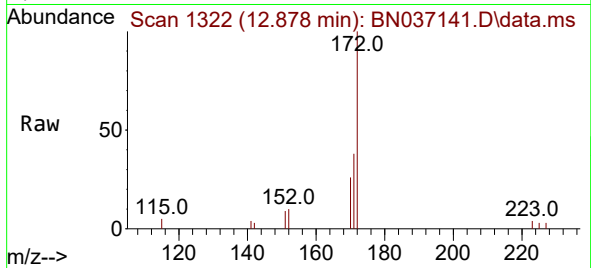




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.878 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

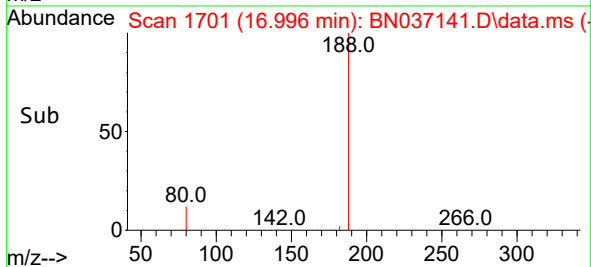
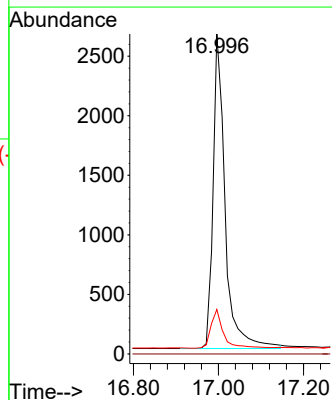
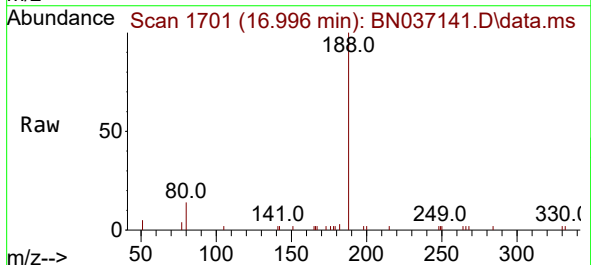
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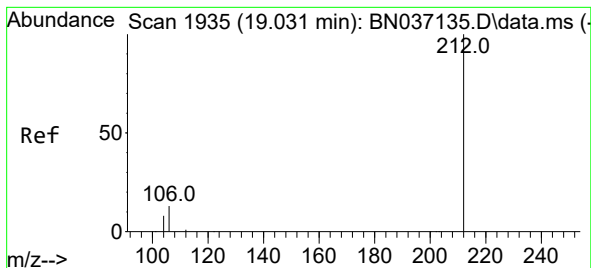
Tgt Ion:172 Resp: 3836
Ion Ratio Lower Upper
172 100
171 37.7 29.9 44.9
170 26.3 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion:188 Resp: 5187
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.4 12.6#





#27

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.035 min Scan# 1936

Delta R.T. 0.005 min

Lab File: BN037141.D

Acq: 02 Jun 2025 21:47

Instrument :

BNA_N

ClientSampleId :

PB168100BL

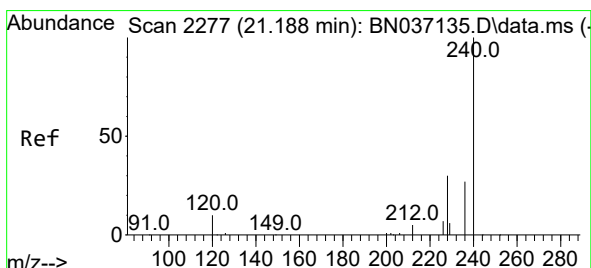
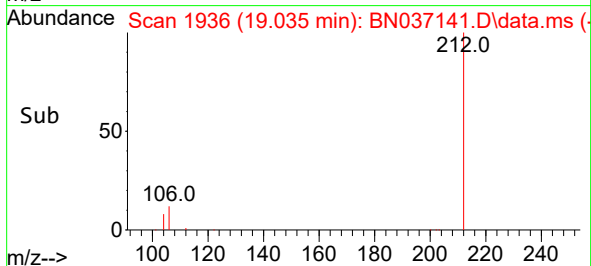
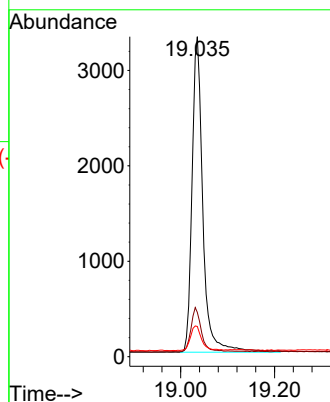
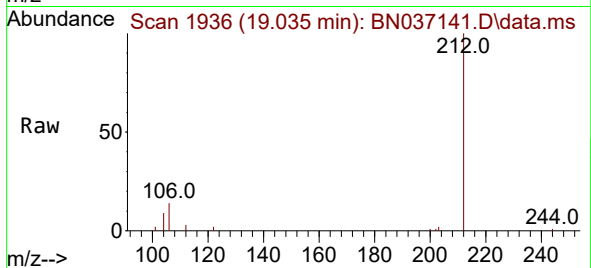
Tgt Ion:212 Resp: 5287

Ion Ratio Lower Upper

212 100

106 13.2 10.8 16.2

104 8.2 6.8 10.2



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BN037141.D

Acq: 02 Jun 2025 21:47

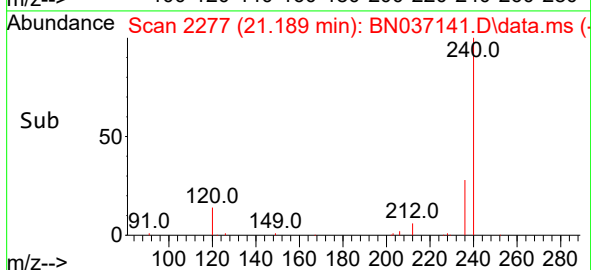
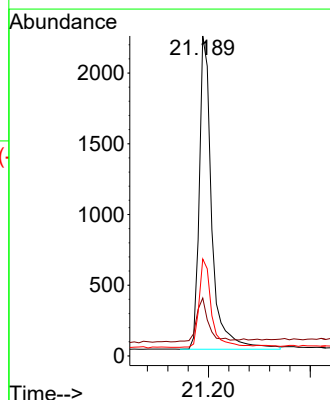
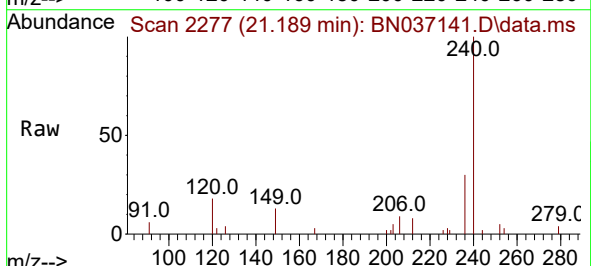
Tgt Ion:240 Resp: 3784

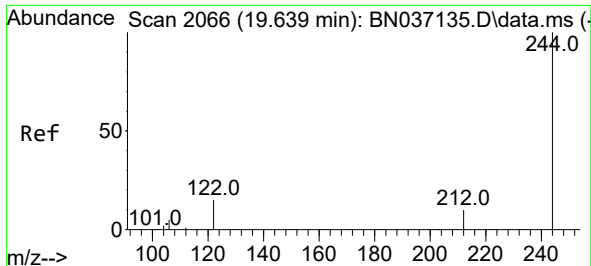
Ion Ratio Lower Upper

240 100

120 18.1 10.5 15.7#

236 30.3 23.0 34.6

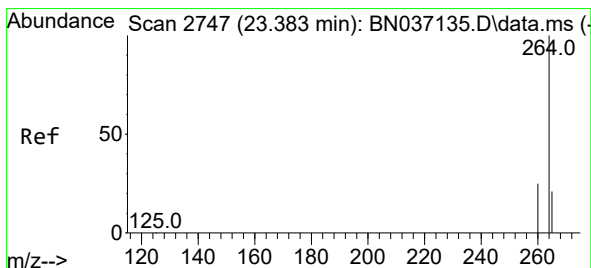
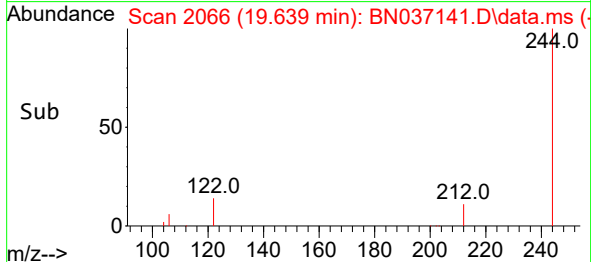
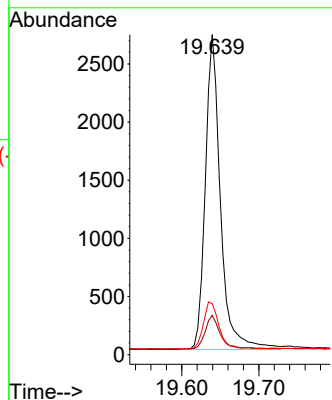
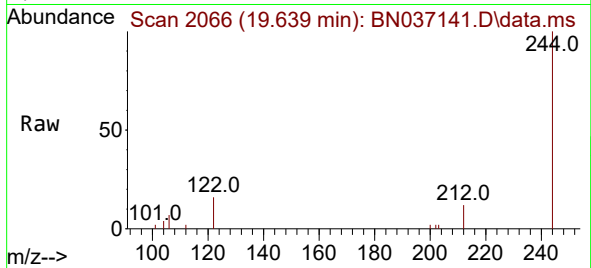




#31
 Terphenyl-d14
 Concen: 0.415 ng
 RT: 19.639 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: BN037141.D
 Acq: 02 Jun 2025 21:47

Instrument :
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 PB168100BL

Tgt Ion:244 Resp: 3694
 Ion Ratio Lower Upper
 244 100
 212 12.3 9.2 13.8
 122 16.0 13.2 19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.386 min Scan# 2748
 Delta R.T. 0.003 min
 Lab File: BN037141.D
 Acq: 02 Jun 2025 21:47

Tgt Ion:264 Resp: 3351
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 77.0 51.2 76.8#

