

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037103.D
 Acq On : 28 May 2025 11:17
 Operator : RC/JU
 Sample : PB168155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

Quant Time: May 28 15:34:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

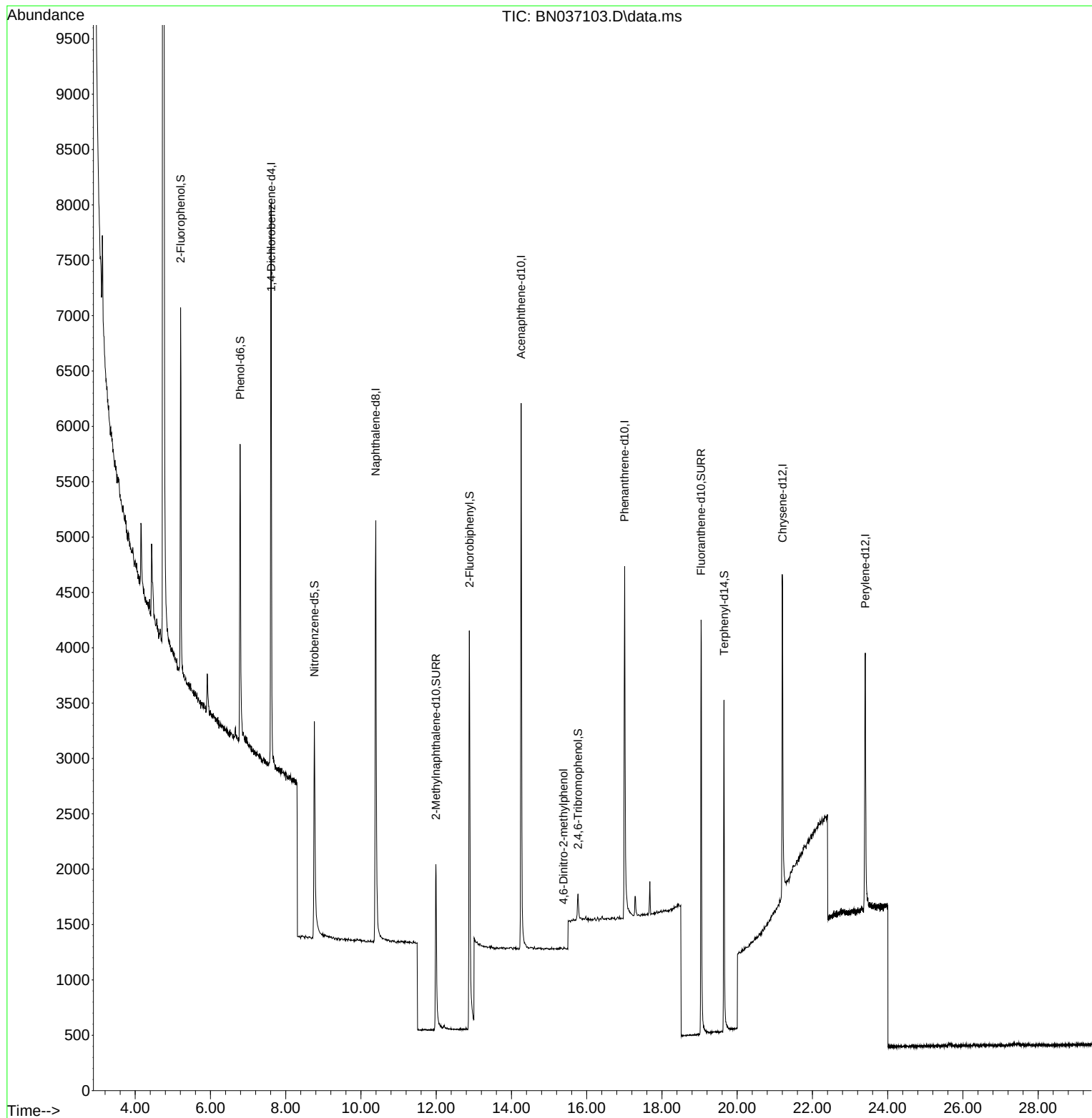
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2460	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5989	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	3067	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5493	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	3554	0.400	ng	# 0.00
35) Perylene-d12	23.404	264	3269	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2158	0.335	ng	0.00
5) Phenol-d6	6.788	99	2477	0.307	ng	0.00
8) Nitrobenzene-d5	8.760	82	2088	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2793	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	192	0.143	ng	0.00
15) 2-Fluorobiphenyl	12.883	172	4846	0.345	ng	0.00
27) Fluoranthene-d10	19.040	212	4835	0.321	ng	0.00
31) Terphenyl-d14	19.649	244	3333	0.438	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.378	198	3	0.026	ng	# 1

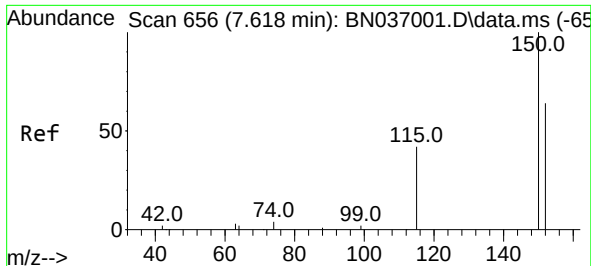
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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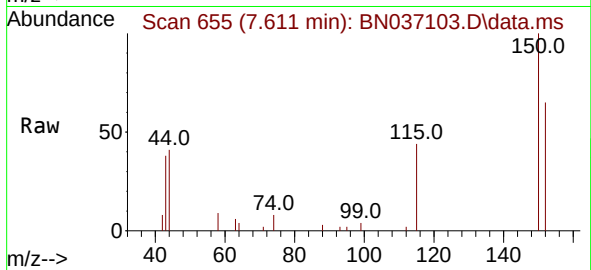
Quant Time: May 28 15:34:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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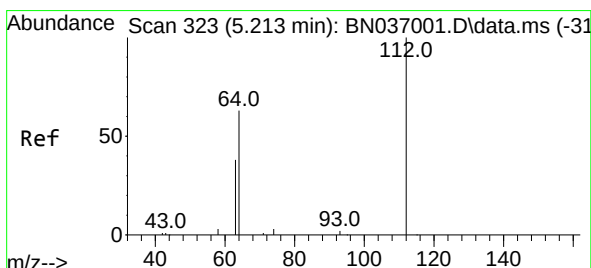
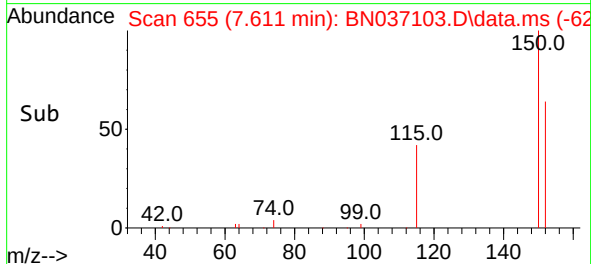
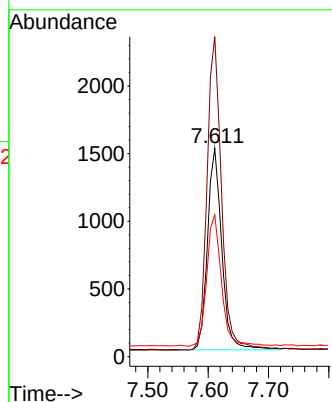


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

Instrument :
BNA_N
ClientSampleId :
PB168155BL

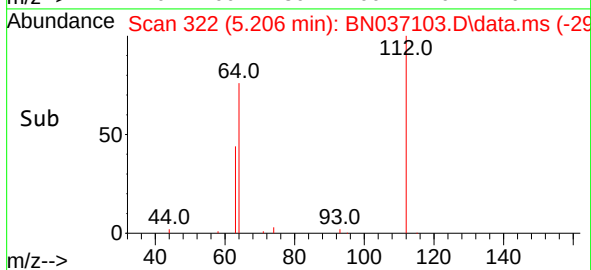
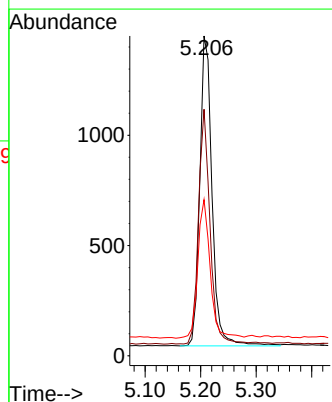
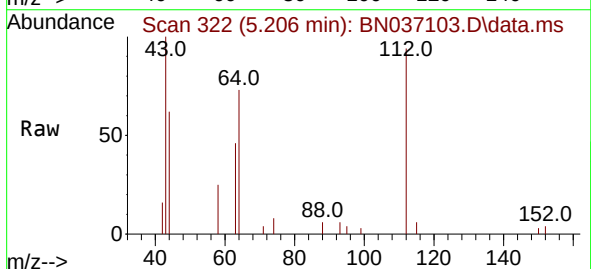


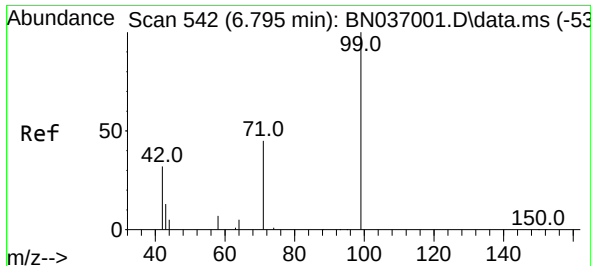
Tgt Ion:152 Resp: 2460
Ion Ratio Lower Upper
152 100
150 153.5 123.9 185.9
115 68.0 55.8 83.8



#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

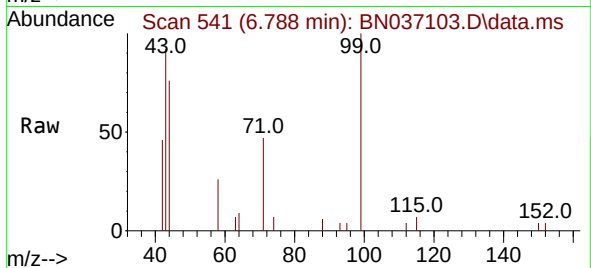
Tgt Ion:112 Resp: 2158
Ion Ratio Lower Upper
112 100
64 70.7 55.7 83.5
63 45.0 34.6 51.8



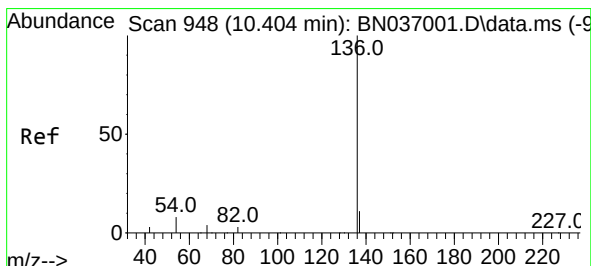
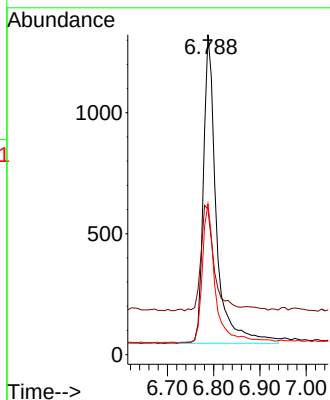
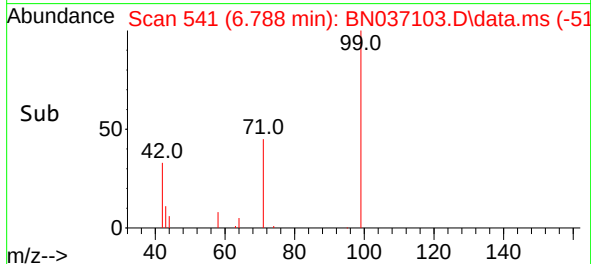


#5
Phenol-d6
Concen: 0.307 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

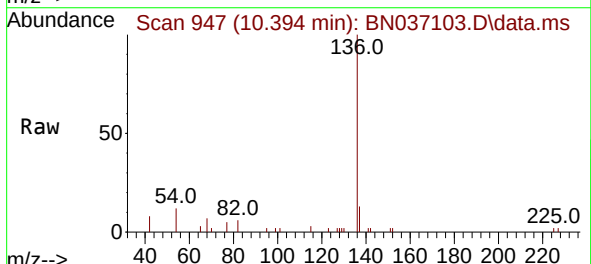
Instrument :
BNA_N
ClientSampleId :
PB168155BL



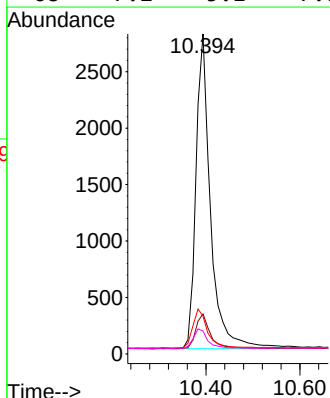
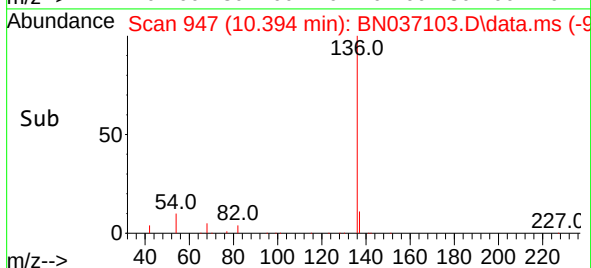
Tgt Ion:	99	Resp:	2477
Ion	Ratio	Lower	Upper
99	100		
42	34.5	29.3	43.9
71	45.8	35.7	53.5

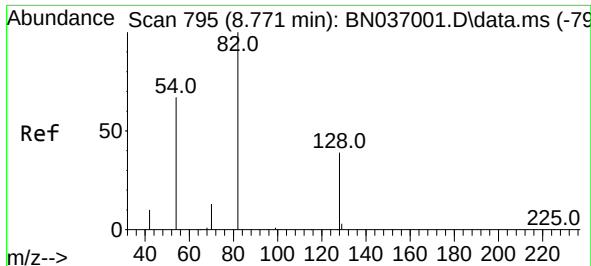


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17



Tgt Ion:	136	Resp:	5989
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	11.8	8.5	12.7
68	7.2	5.1	7.7

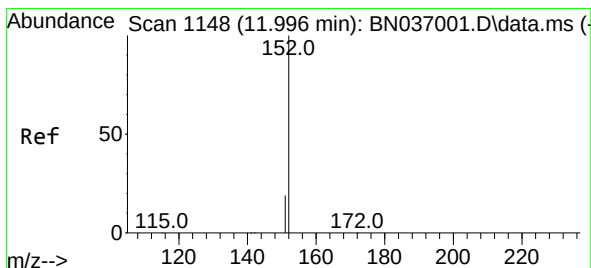
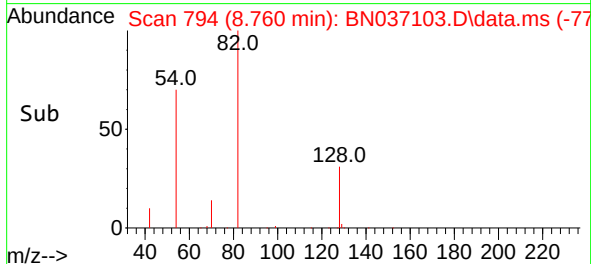
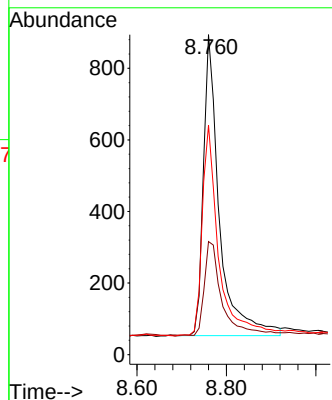
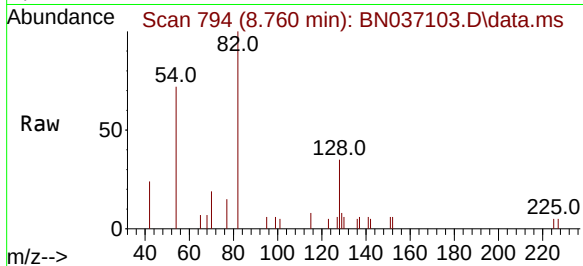




#8
 Nitrobenzene-d5
 Concen: 0.320 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

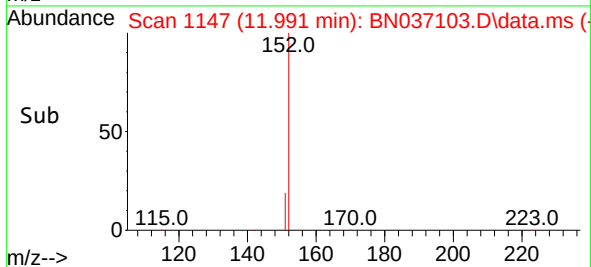
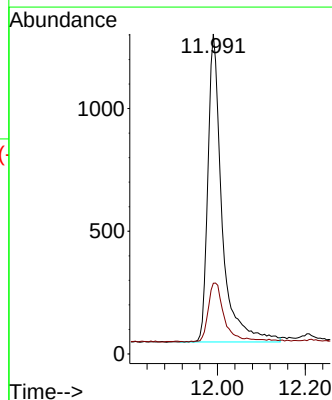
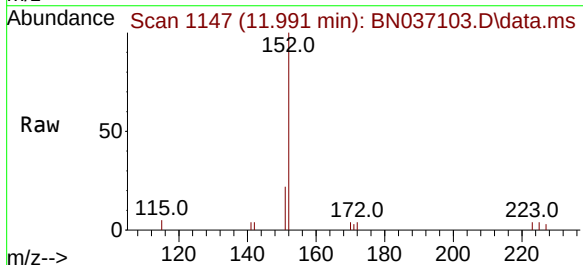
Instrument :
 BNA_N
 ClientSampleId :
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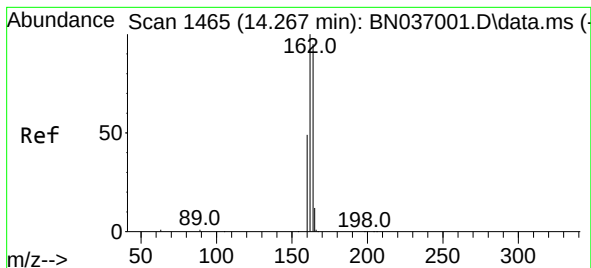
Tgt Ion: 82 Resp: 2088
 Ion Ratio Lower Upper
 82 100
 128 35.3 34.0 51.0
 54 71.7 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.331 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037103.D
 Acq: 28 May 2025 11:17

Tgt Ion: 152 Resp: 2793
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.5 26.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.256 min Scan# 1464

Delta R.T. -0.011 min

Lab File: BN037103.D

Acq: 28 May 2025 11:17

Instrument :

BNA_N

ClientSampleId :

PB168155BL

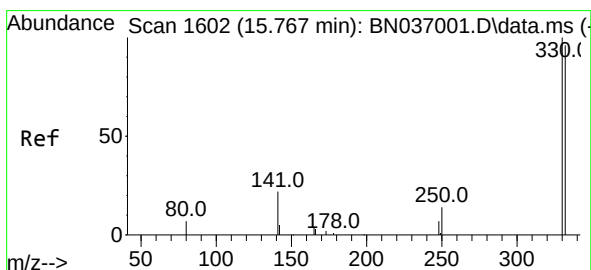
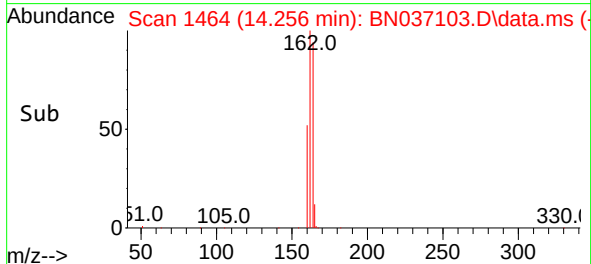
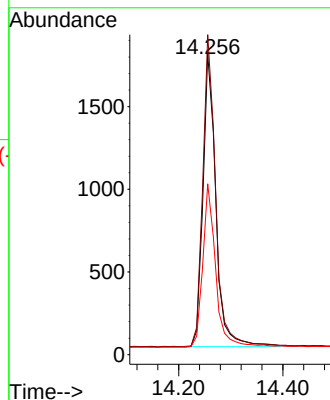
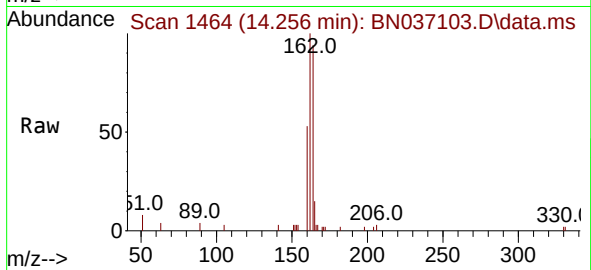
Tgt Ion:164 Resp: 3067

Ion Ratio Lower Upper

164 100

162 106.4 84.2 126.4

160 56.8 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.143 ng

RT: 15.767 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BN037103.D

Acq: 28 May 2025 11:17

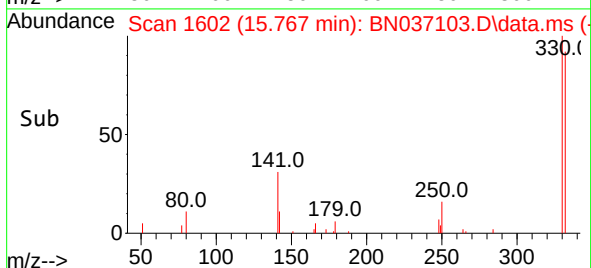
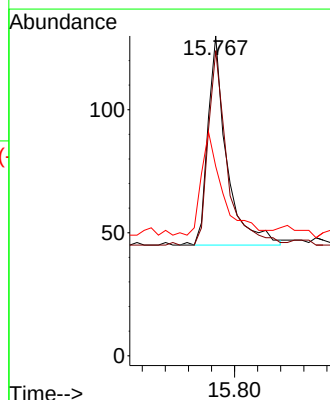
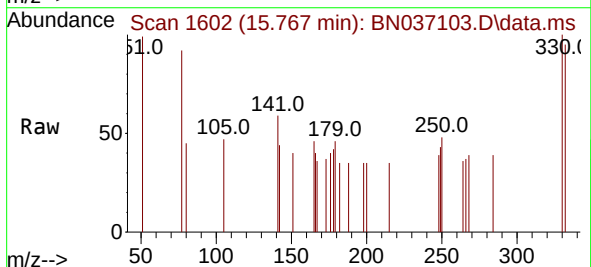
Tgt Ion:330 Resp: 192

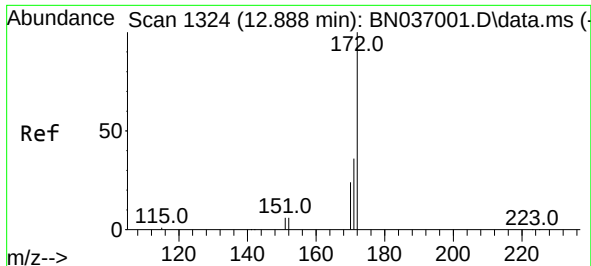
Ion Ratio Lower Upper

330 100

332 93.2 73.8 110.8

141 55.7 43.9 65.9

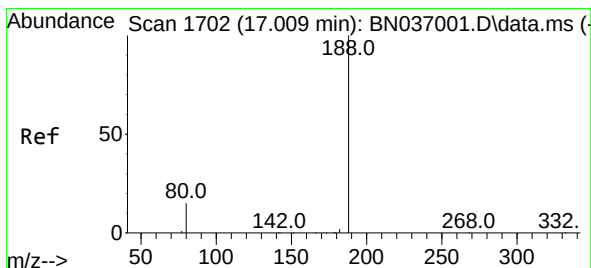
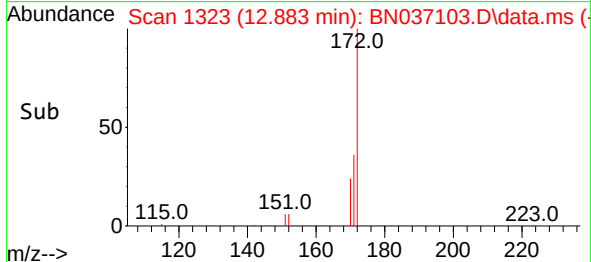
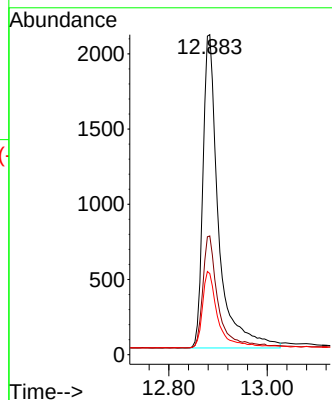
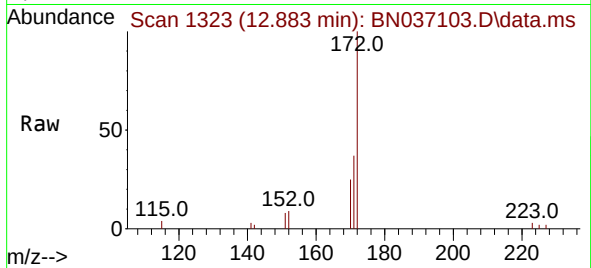




#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

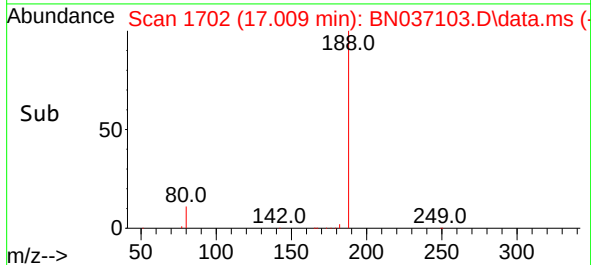
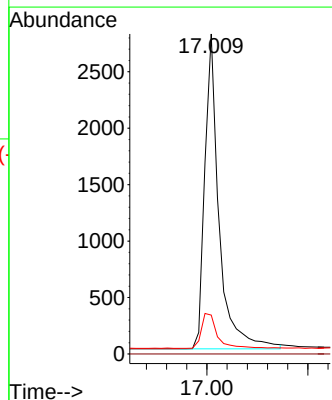
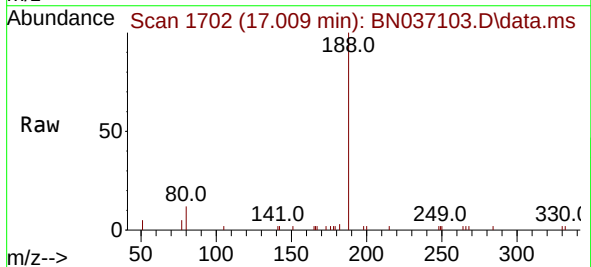
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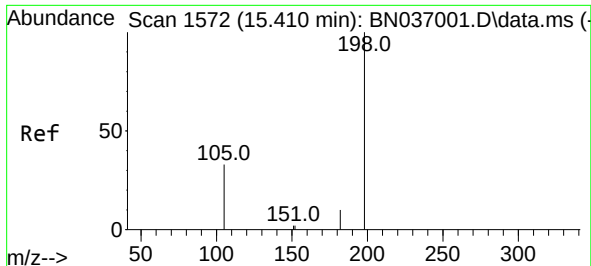
Tgt Ion:172 Resp: 4846
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 25.3 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

Tgt Ion:188 Resp: 5493
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 13.4 20.0#

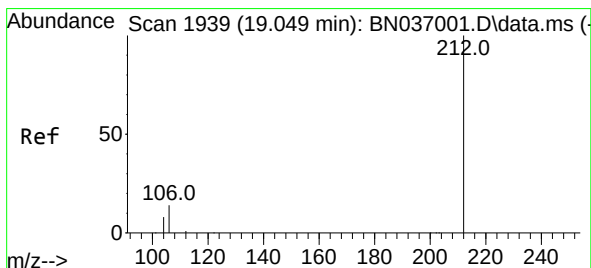
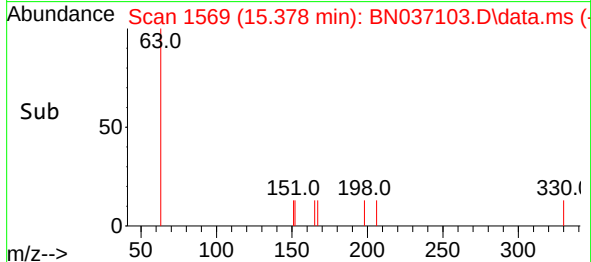
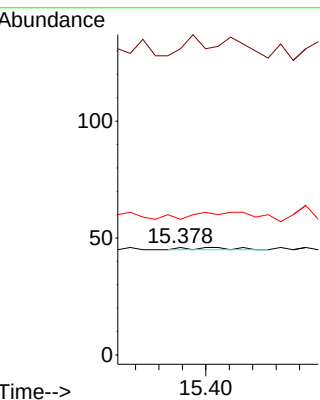
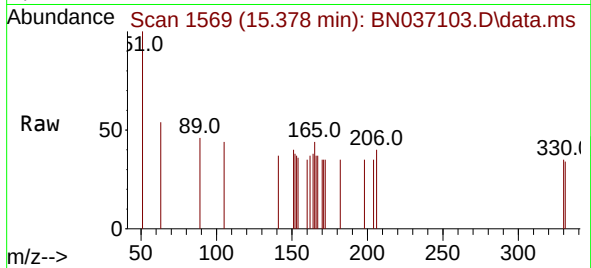




#20
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.032 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

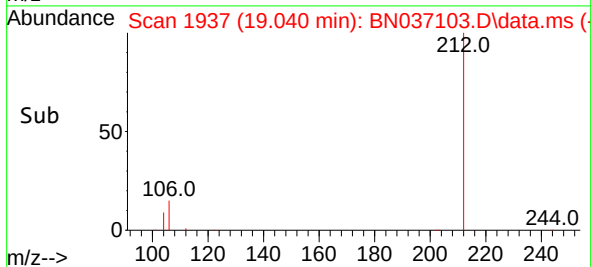
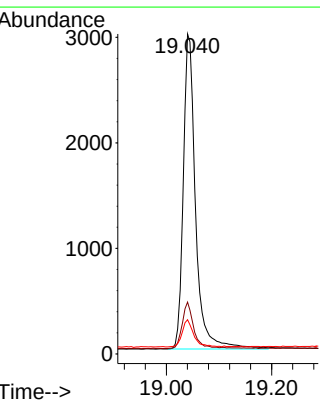
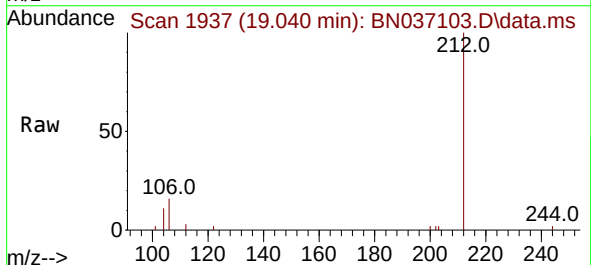
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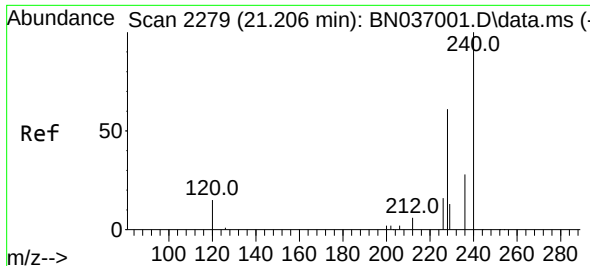
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 284.8 87.8 131.6#
105 126.1 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037103.D
Acq: 28 May 2025 11:17

Tgt Ion:212 Resp: 4835
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 8.0 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.206 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037103.D

Acq: 28 May 2025 11:17

Instrument :

BNA_N

ClientSampleId :

PB168155BL

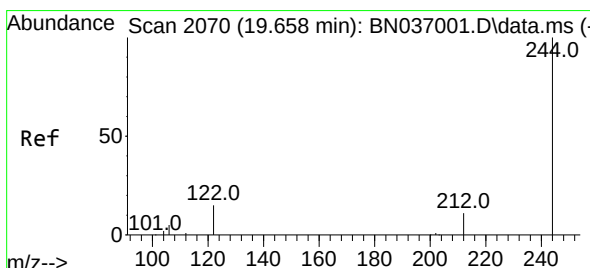
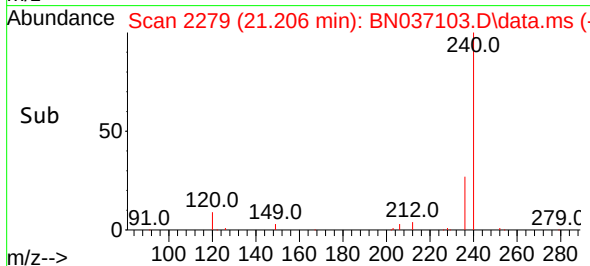
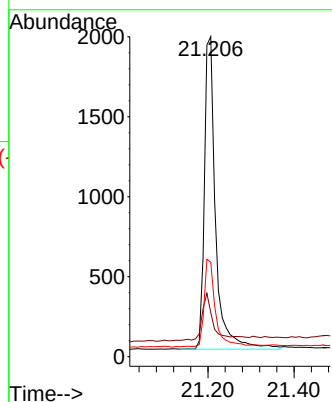
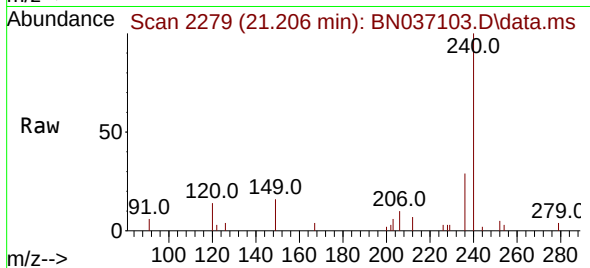
Tgt Ion:240 Resp: 3554

Ion Ratio Lower Upper

240 100

120 13.8 15.1 22.7#

236 29.5 24.0 36.0



#31

Terphenyl-d14

Concen: 0.438 ng

RT: 19.649 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN037103.D

Acq: 28 May 2025 11:17

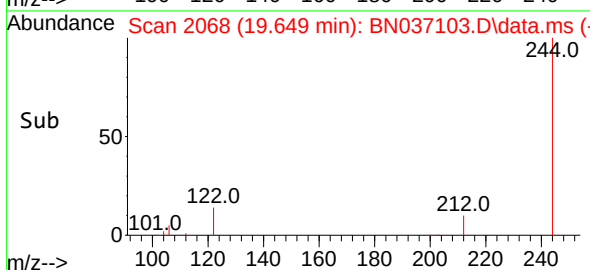
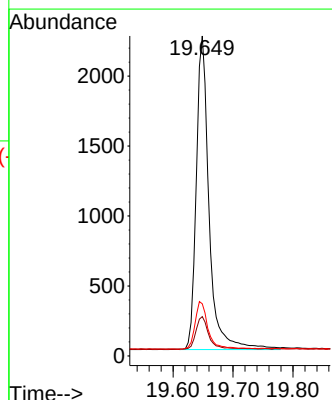
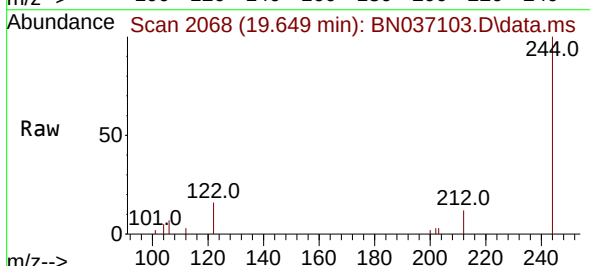
Tgt Ion:244 Resp: 3333

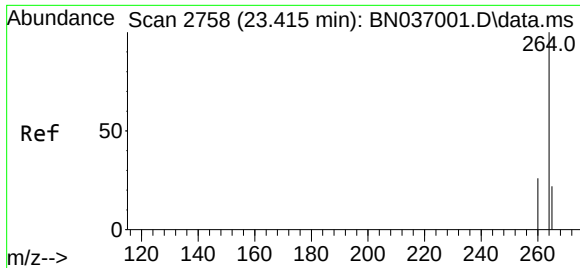
Ion Ratio Lower Upper

244 100

212 12.3 9.7 14.5

122 16.3 13.4 20.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN037103.D

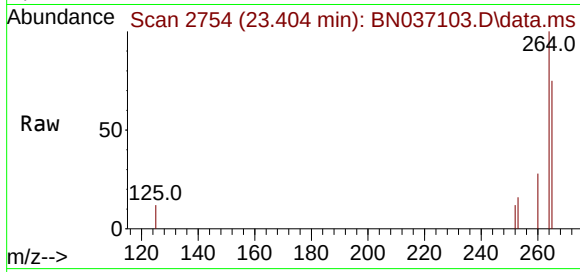
Acq: 28 May 2025 11:17

Instrument :

BNA_N

ClientSampleId :

PB168155BL



Tgt Ion:264 Resp: 3269

Ion Ratio Lower Upper

264 100

260 27.6 21.9 32.9

265 74.8 51.6 77.4

