

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037106.D
 Acq On : 28 May 2025 13:05
 Operator : RC/JU
 Sample : Q2120-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250522

Quant Time: May 28 15:36:52 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)

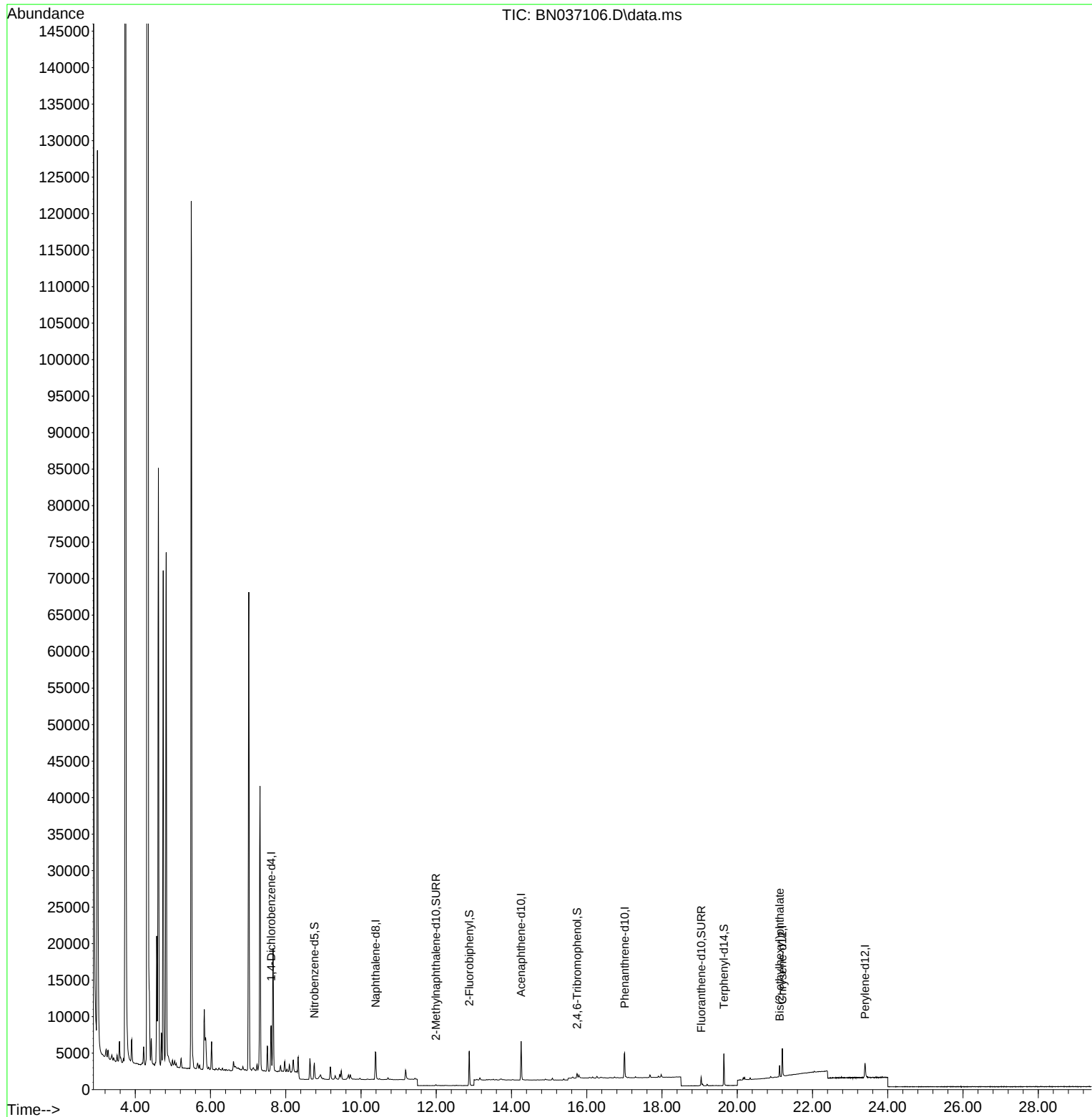
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2040	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5327	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2867	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5402	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3514	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	2707	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.760	82	1834	0.316	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	183	0.024	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	287	0.228	ng	-0.02
15) 2-Fluorobiphenyl	12.878	172	4086	0.311	ng	0.00
27) Fluoranthene-d10	19.040	212	1339	0.090	ng	0.00
31) Terphenyl-d14	19.644	244	4200	0.559	ng	-0.01
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.126	149	1363	0.167	ng	Qvalue 99

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

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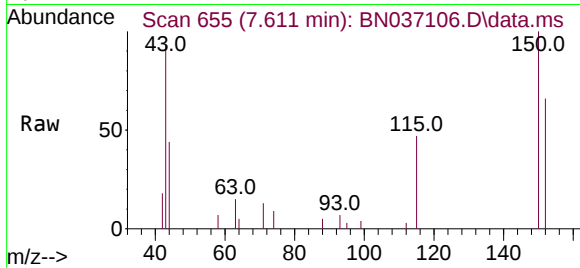
Quant Time: May 28 15:36:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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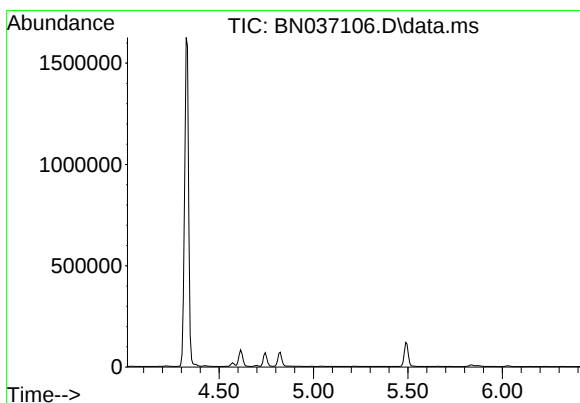
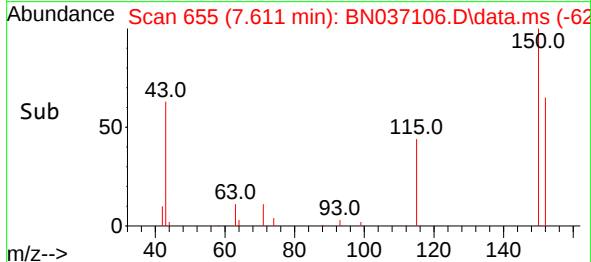
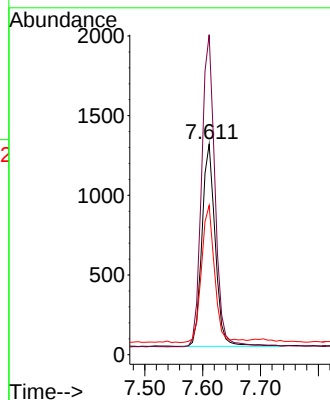
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037106.D
 Acq: 28 May 2025 13:05

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250522



Tgt Ion:152 Resp: 2040

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.9	185.9
115	70.9	55.8	83.8

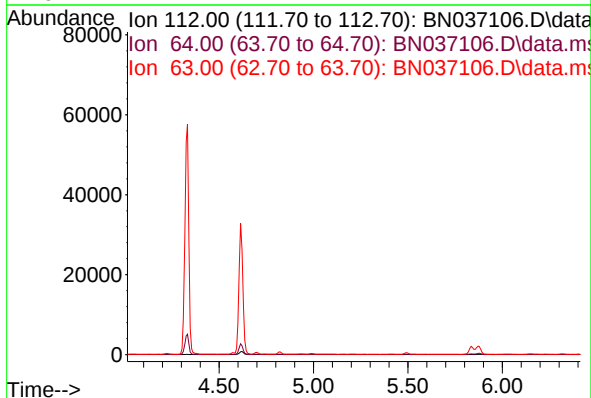


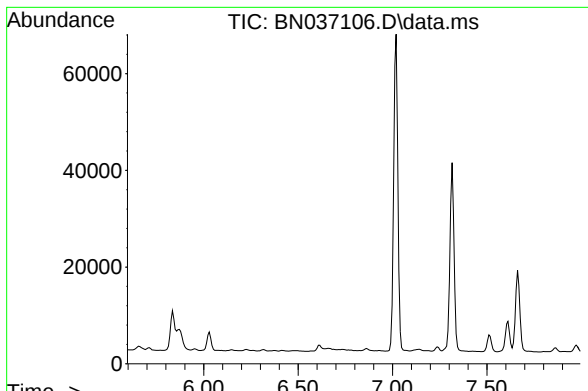
#4
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.21 min

Lab File: BN037106.D
 Acq: 28 May 2025 13:05

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	69.6
63	43.2



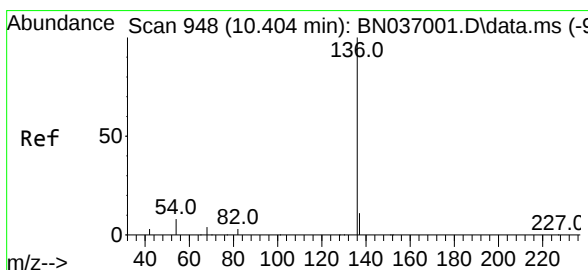
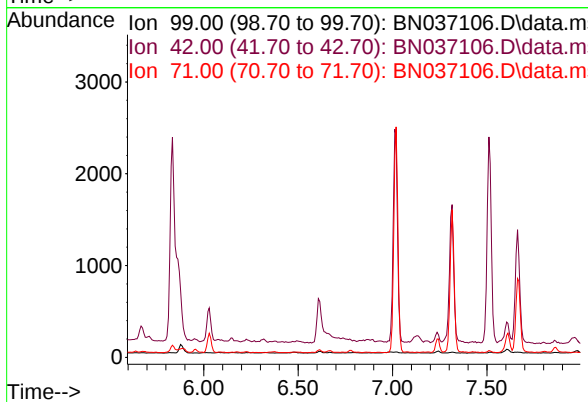


#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BN037106.D
 Acq: 28 May 2025 13:05

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250522

Tgt Ion: 99

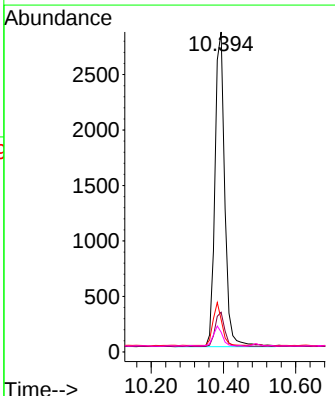
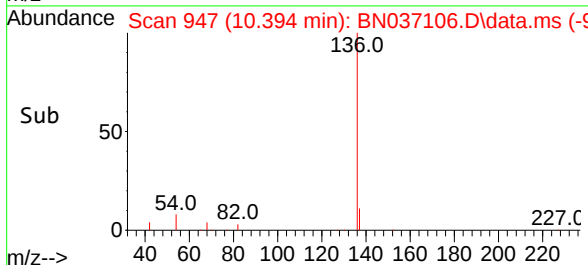
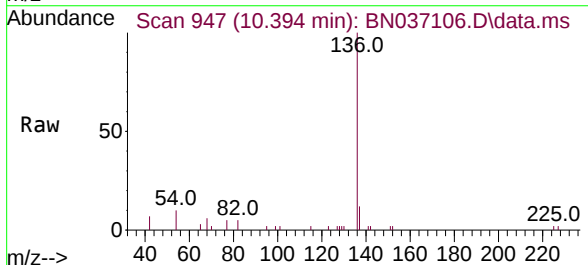
Sig	Exp Ratio
99	100
42	36.6
71	44.6

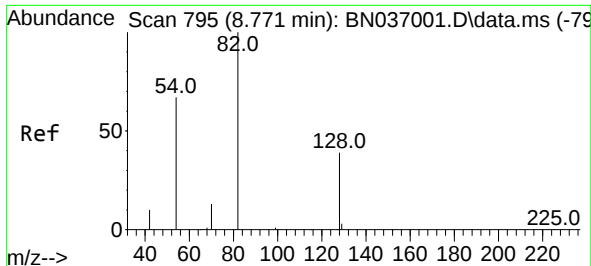


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.394 min Scan# 947
 Delta R.T. -0.010 min
 Lab File: BN037106.D
 Acq: 28 May 2025 13:05

Tgt Ion: 136 Resp: 5327

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	10.1	8.5	12.7
68	6.2	5.1	7.7

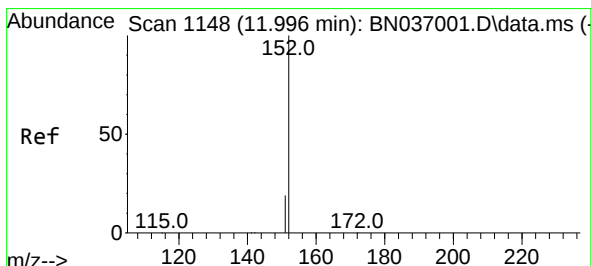
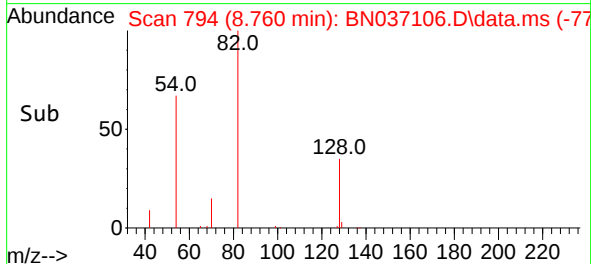
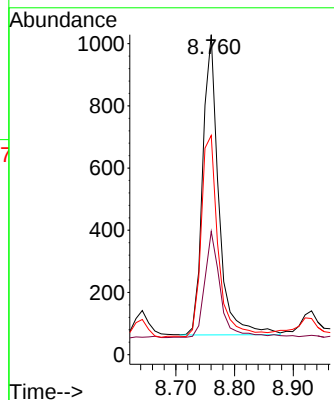
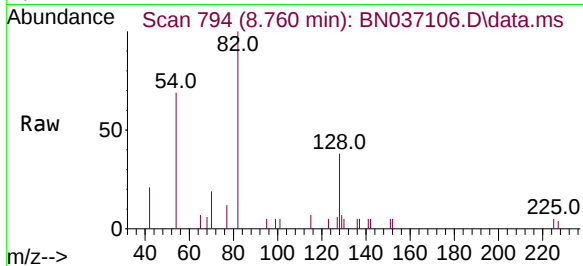




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.010 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

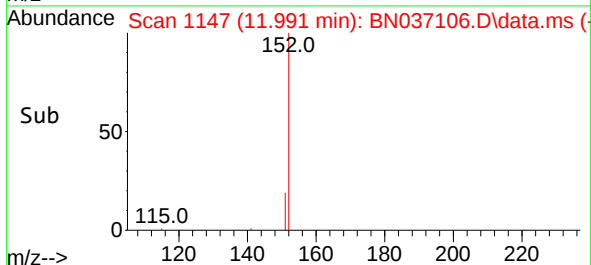
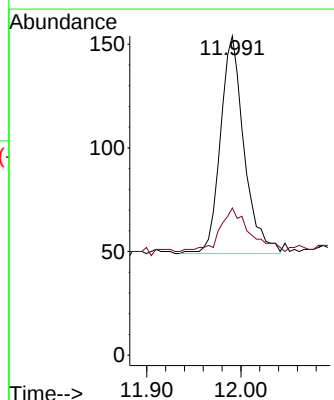
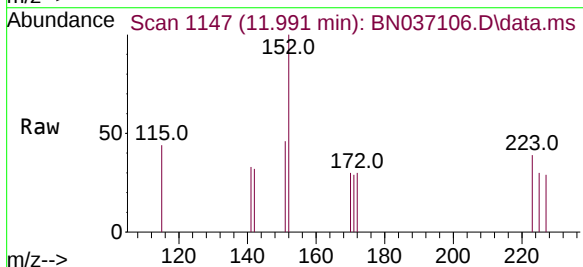
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250522

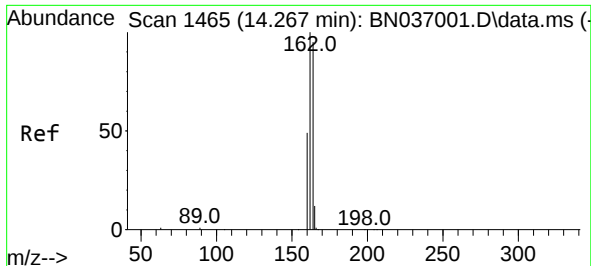
Tgt Ion: 82 Resp: 1834
Ion Ratio Lower Upper
82 100
128 38.5 34.0 51.0
54 68.5 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.024 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

Tgt Ion:152 Resp: 183
Ion Ratio Lower Upper
152 100
151 26.8 17.5 26.3#

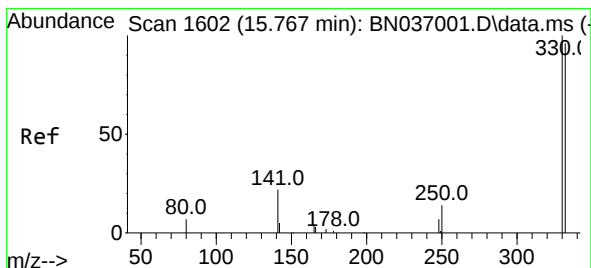
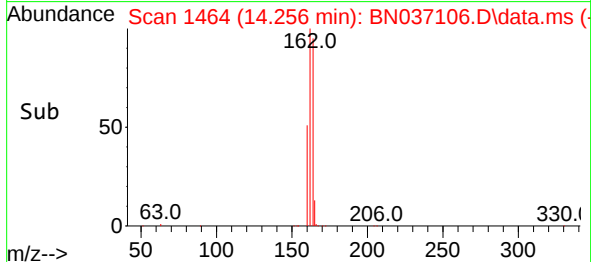
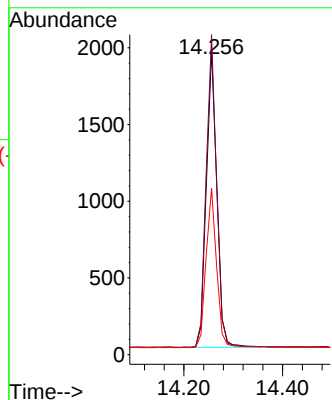
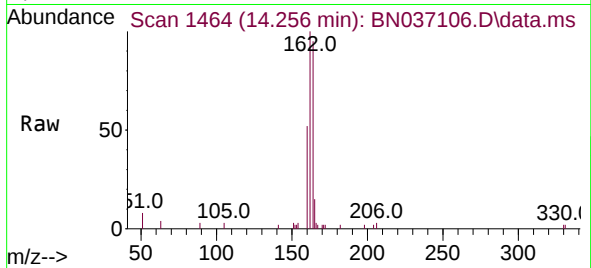




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

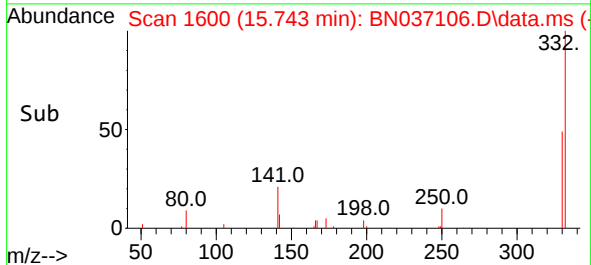
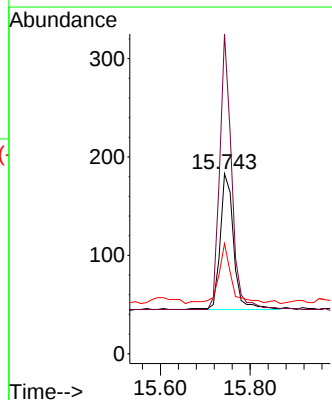
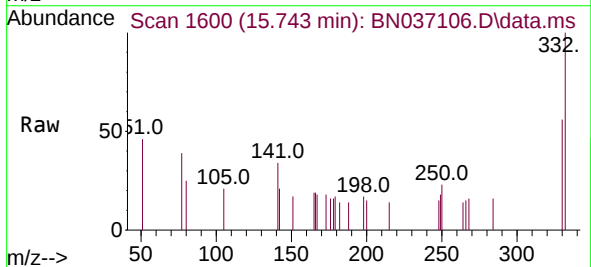
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250522

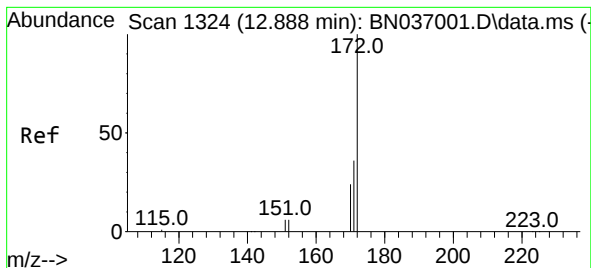
Tgt Ion:164 Resp: 2867
Ion Ratio Lower Upper
164 100
162 105.2 84.2 126.4
160 54.8 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.025 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

Tgt Ion:330 Resp: 287
Ion Ratio Lower Upper
330 100
332 179.4 73.8 110.8#
141 39.0 43.9 65.9#





#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 12.878 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037106.D

Acq: 28 May 2025 13:05

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250522

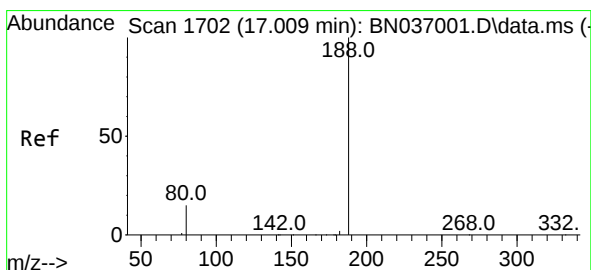
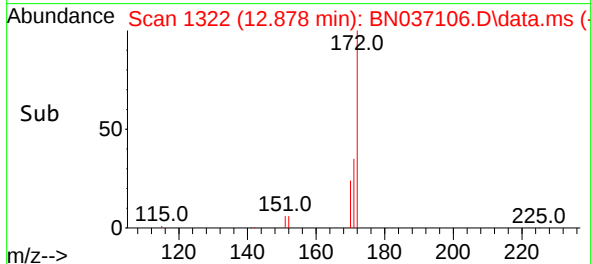
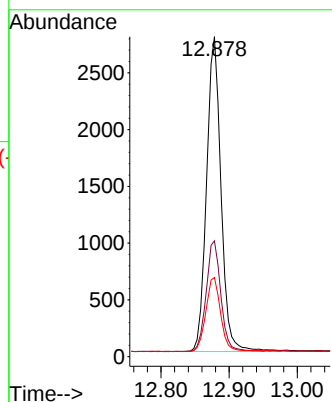
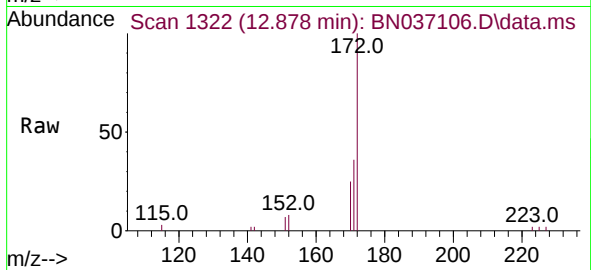
Tgt Ion:172 Resp: 4086

Ion Ratio Lower Upper

172 100

171 36.2 29.2 43.8

170 24.8 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: BN037106.D

Acq: 28 May 2025 13:05

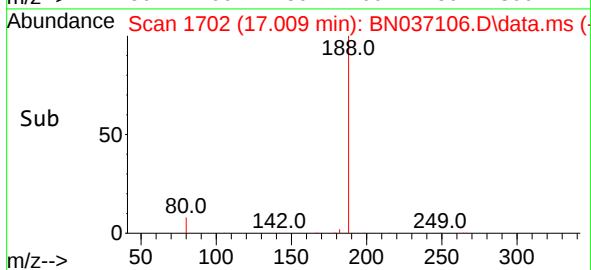
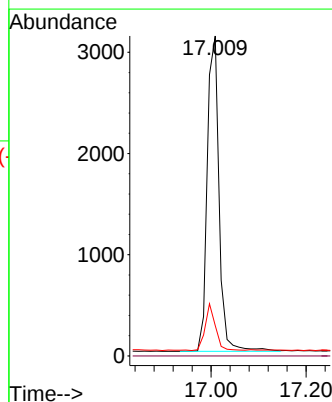
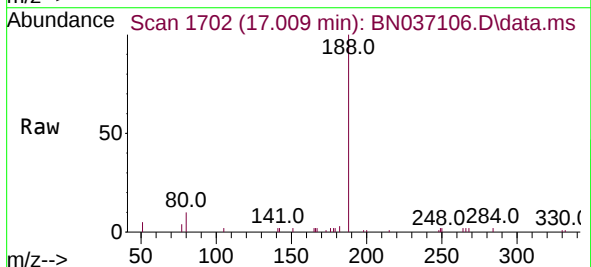
Tgt Ion:188 Resp: 5402

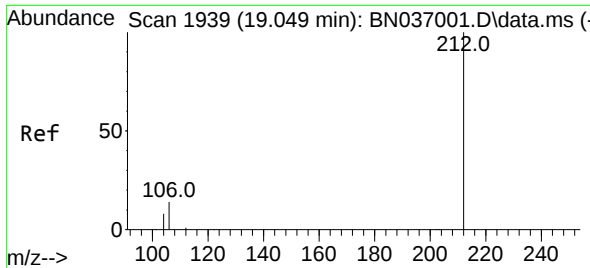
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 13.4 20.0#

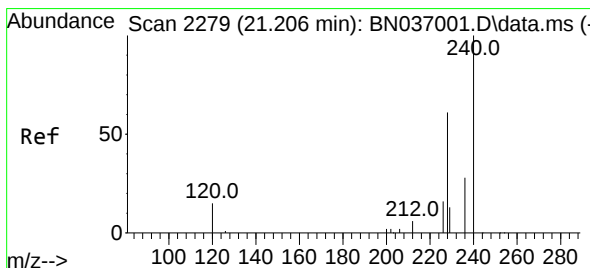
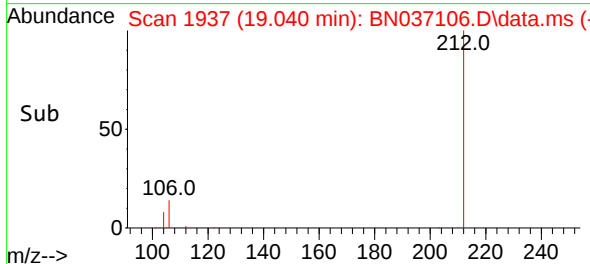
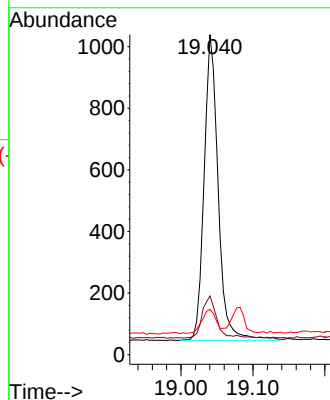
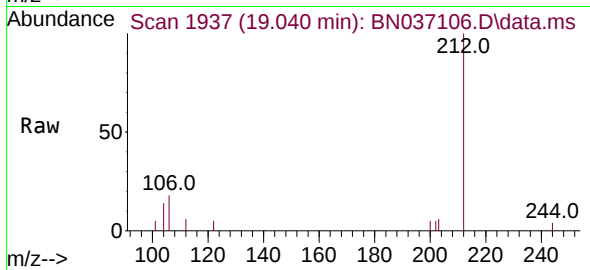




#27
Fluoranthene-d10
Concen: 0.090 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

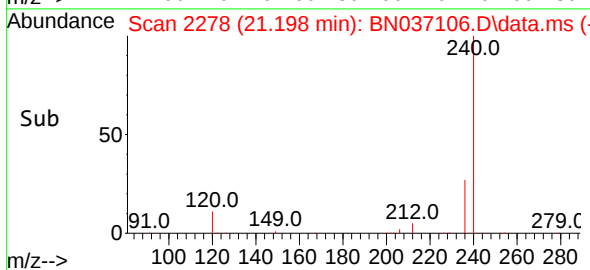
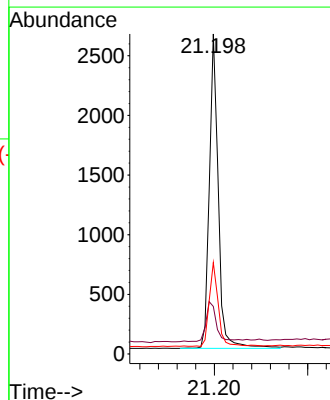
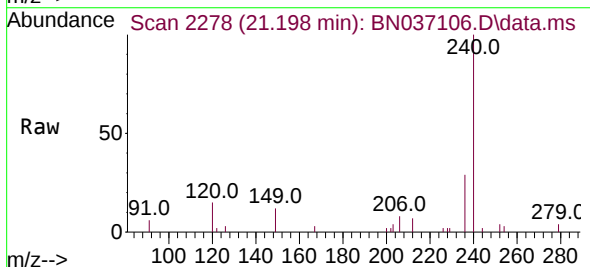
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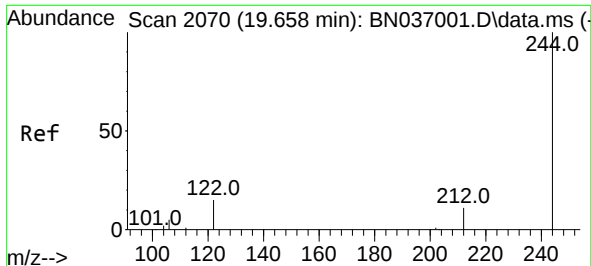
Tgt Ion:212 Resp: 1339
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 7.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

Tgt Ion:240 Resp: 3514
Ion Ratio Lower Upper
240 100
120 14.9 15.1 22.7#
236 28.6 24.0 36.0

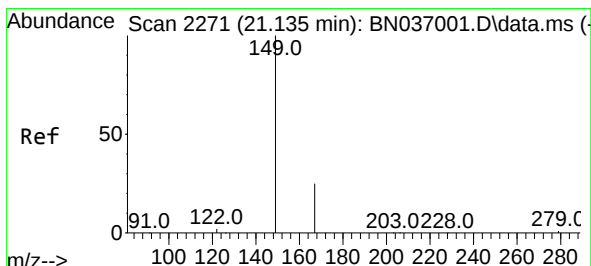
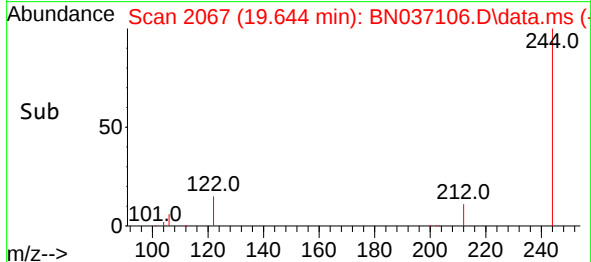
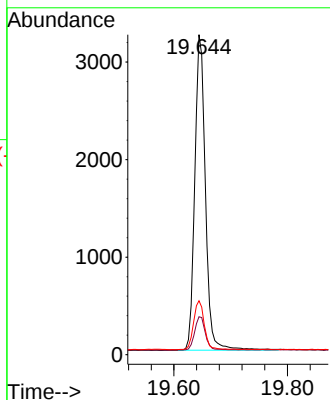
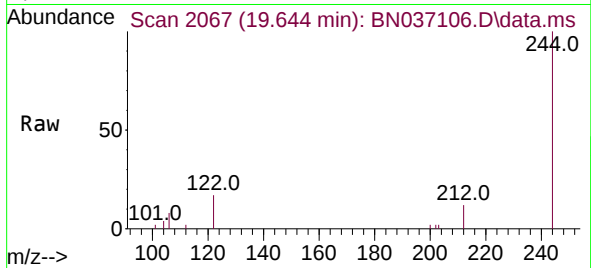




#31
Terphenyl-d14
Concen: 0.559 ng
RT: 19.644 min Scan# 2070
Delta R.T. -0.014 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

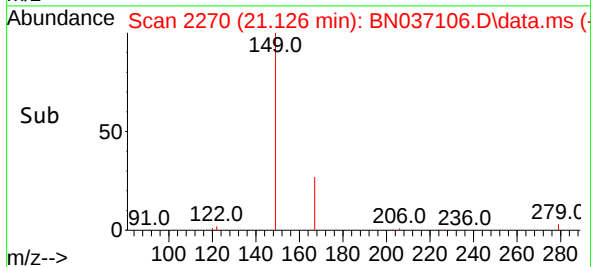
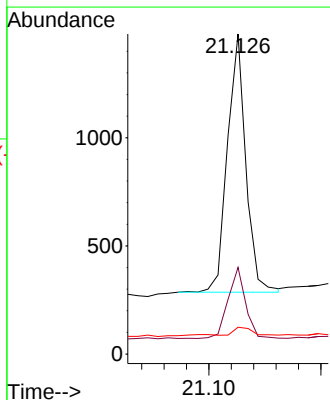
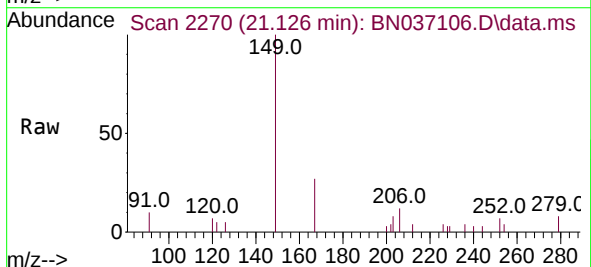
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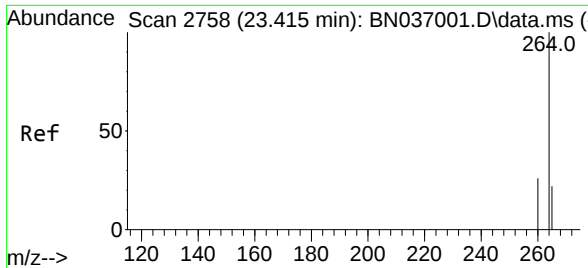
Tgt Ion:244 Resp: 4200
Ion Ratio Lower Upper
244 100
212 11.9 9.7 14.5
122 16.9 13.4 20.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.167 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037106.D
Acq: 28 May 2025 13:05

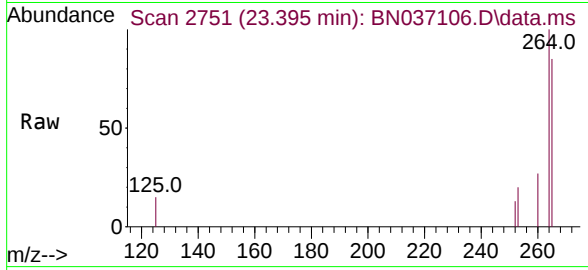
Tgt Ion:149 Resp: 1363
Ion Ratio Lower Upper
149 100
167 26.3 20.6 30.8
279 3.0 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.395 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BN037106.D
 Acq: 28 May 2025 13:05

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250522



Tgt Ion:264 Resp: 2707

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.9	32.9
265	85.2	51.6	77.4#

