

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037118.D
 Acq On : 28 May 2025 20:47
 Operator : RC/JU
 Sample : Q2082-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250516

Quant Time: May 29 01:33:03 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)

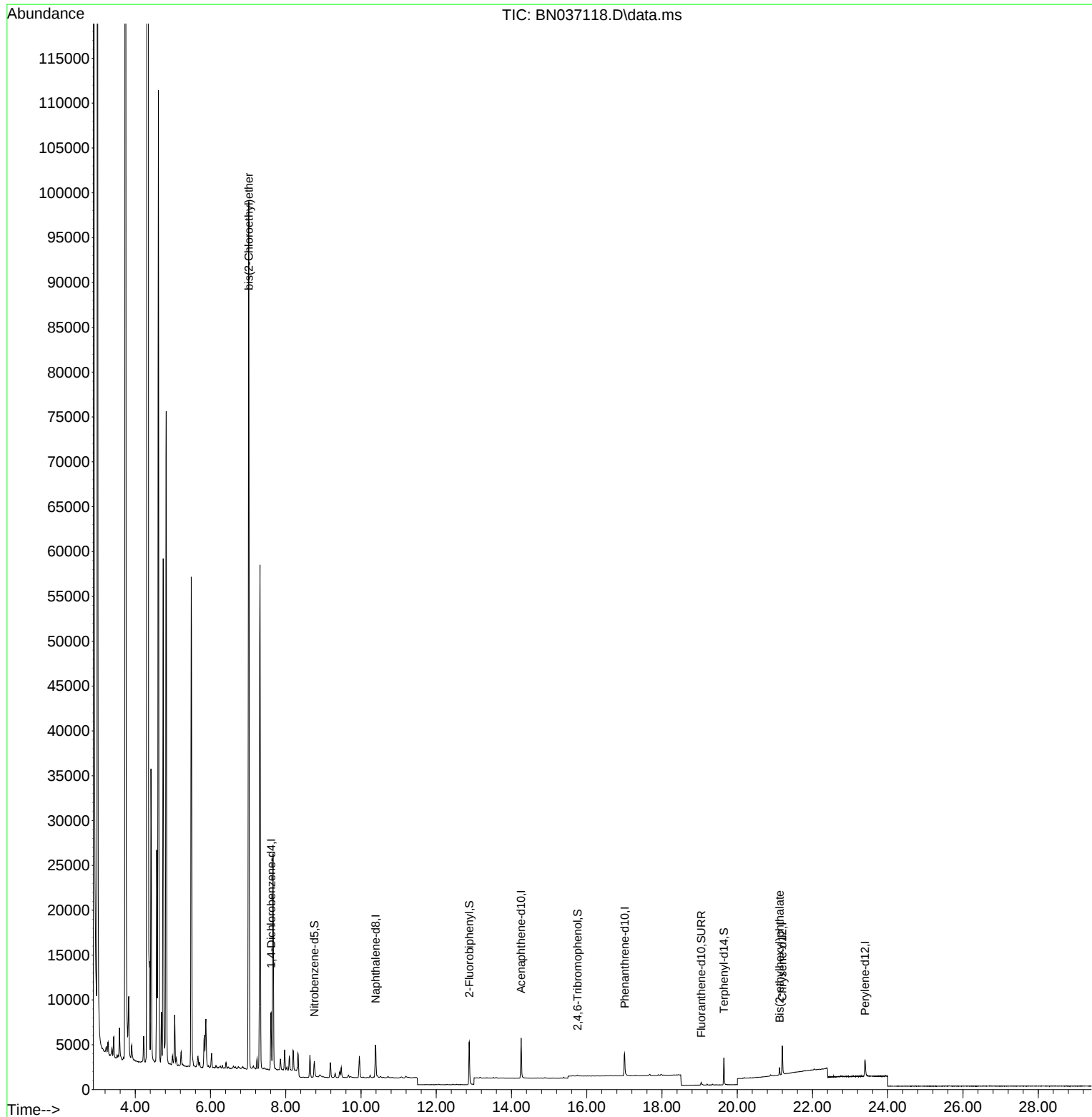
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2059	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5062	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2514	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4253	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3086	0.400	ng	# 0.00
35) Perylene-d12	23.398	264	2551	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	1567	0.284	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	56	0.008	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	66	0.060	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4757	0.413	ng	0.00
27) Fluoranthene-d10	19.040	212	379	0.032	ng	0.00
31) Terphenyl-d14	19.644	244	3020	0.458	ng	-0.01
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.019	93	47114	7.584	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.126	149	718	0.100	ng	# 98

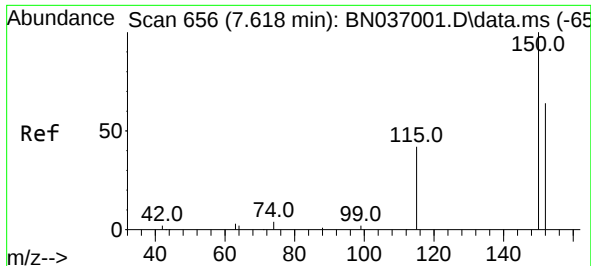
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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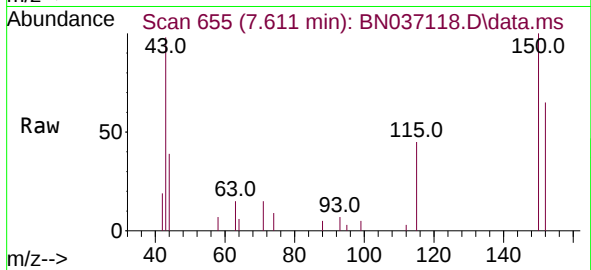
Quant Time: May 29 01:33:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



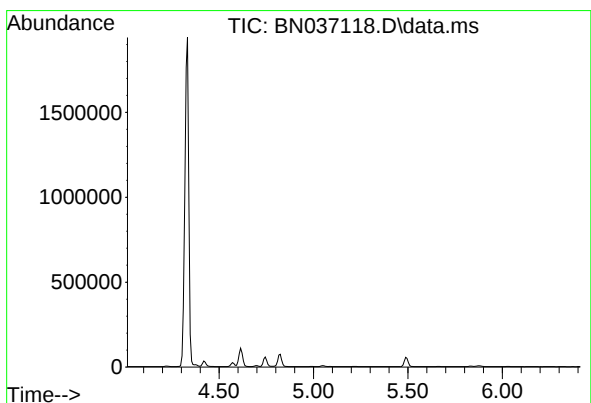
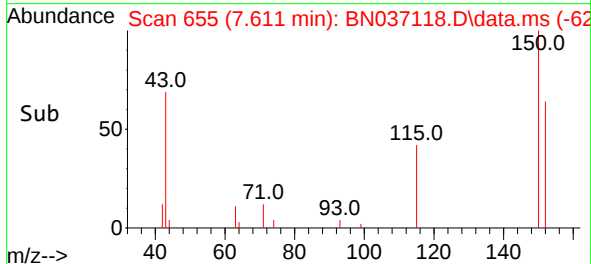
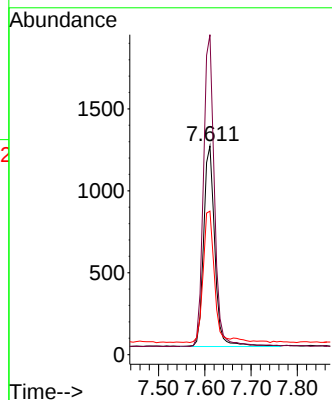


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250516



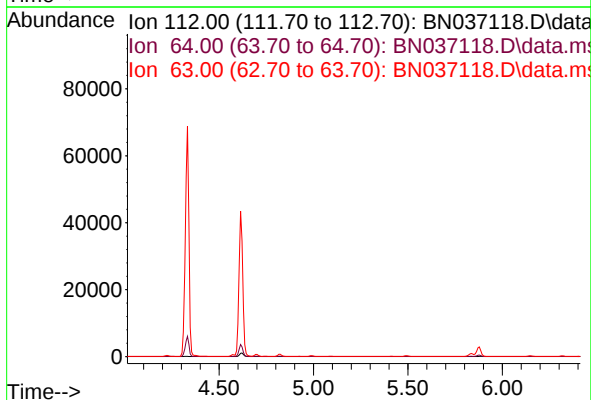
Tgt Ion:152 Resp: 2059
Ion Ratio Lower Upper
152 100
150 153.4 123.9 185.9
115 68.8 55.8 83.8

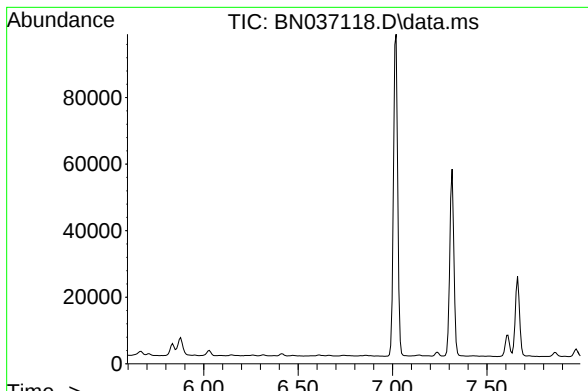


#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.21 min

Lab File: BN037118.D
Acq: 28 May 2025 20:47

Tgt Ion: 112
Sig Exp Ratio
112 100
64 69.6
63 43.2

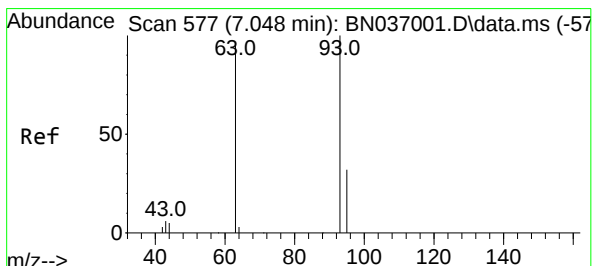
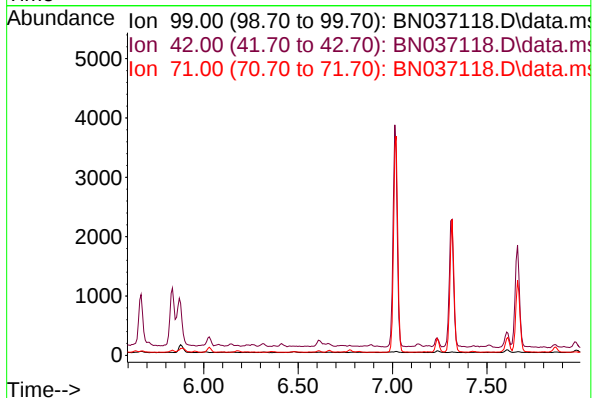




#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BN037118.D
 Acq: 28 May 2025 20:47

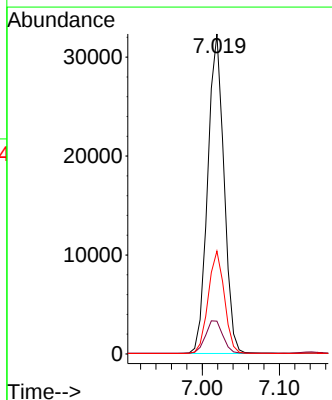
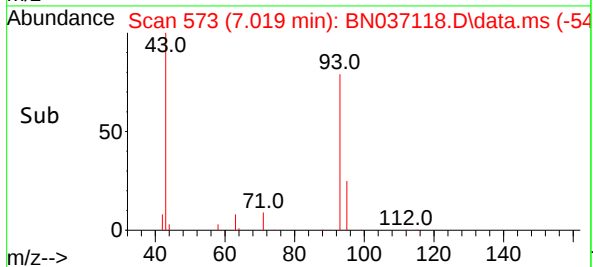
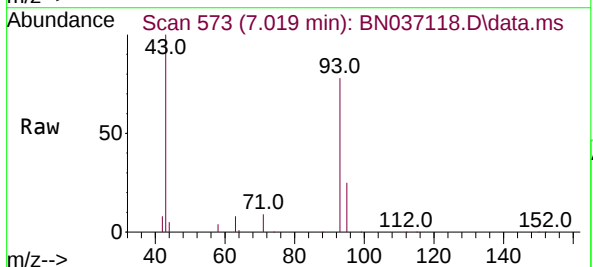
Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250516

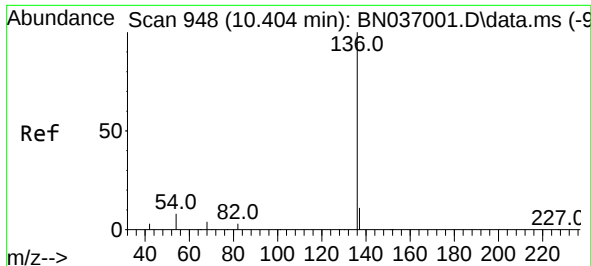
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 36.6
 71 44.6



#6
 bis(2-Chloroethyl)ether
 Concen: 7.584 ng
 RT: 7.019 min Scan# 573
 Delta R.T. -0.029 min
 Lab File: BN037118.D
 Acq: 28 May 2025 20:47

Tgt Ion: 93 Resp: 47114
 Ion Ratio Lower Upper
 93 100
 63 10.8 70.1 105.1#
 95 31.8 26.2 39.2

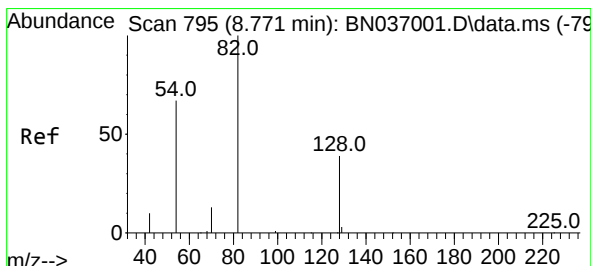
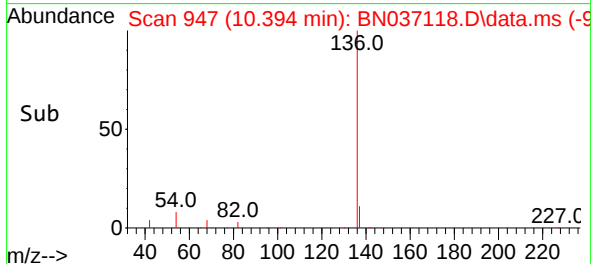
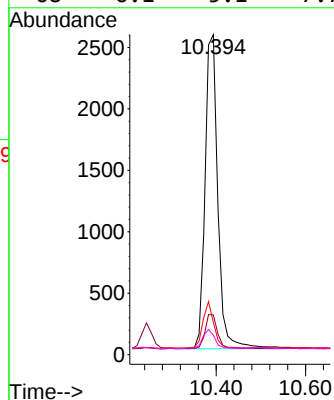
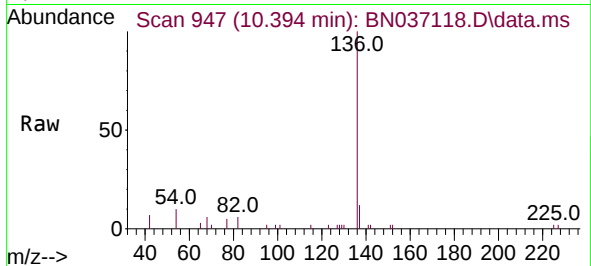




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

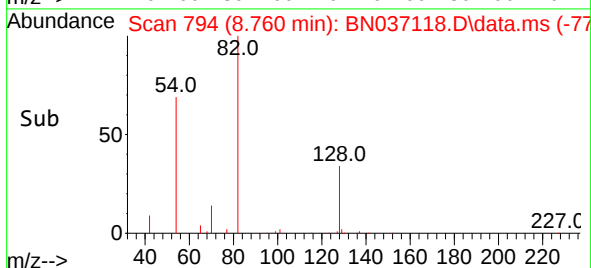
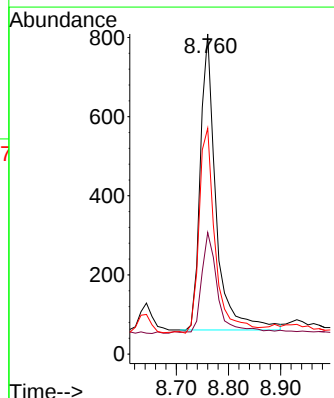
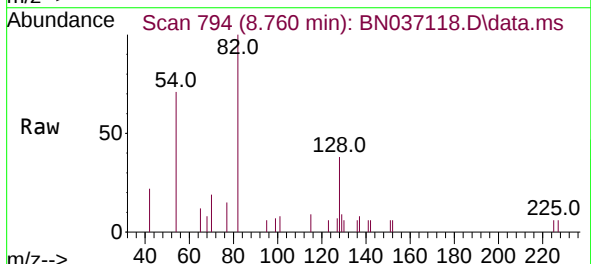
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250516

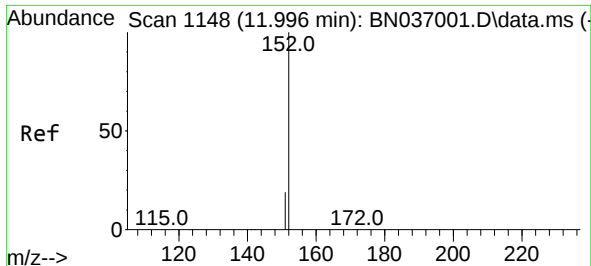
Tgt Ion:136	Resp:	5062
Ion Ratio	Lower	Upper
136	100	
137	12.4	10.4 15.6
54	10.1	8.5 12.7
68	6.1	5.1 7.7



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

Tgt Ion: 82	Resp:	1567
Ion Ratio	Lower	Upper
82	100	
128	37.9	34.0 51.0
54	70.6	55.0 82.4

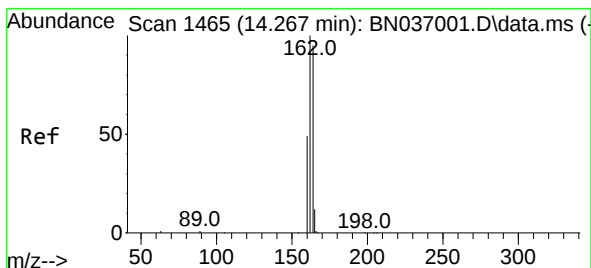
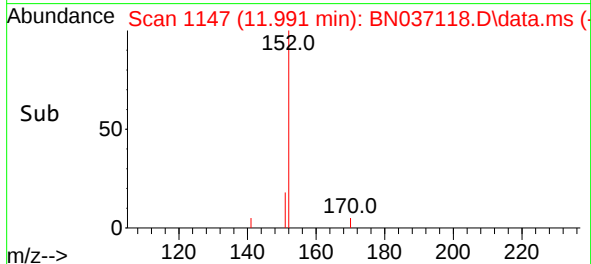
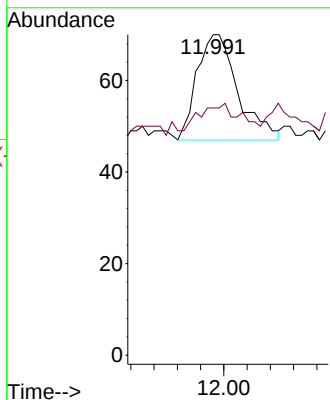
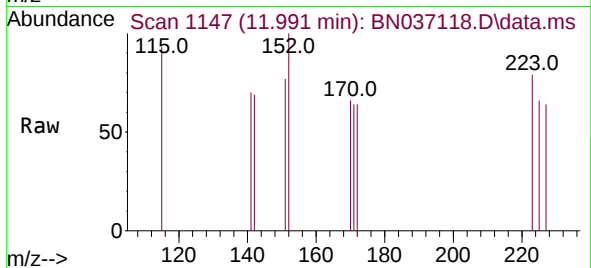




#11
2-Methylnaphthalene-d10
Concen: 0.008 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

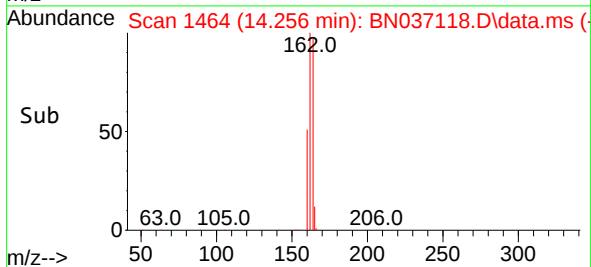
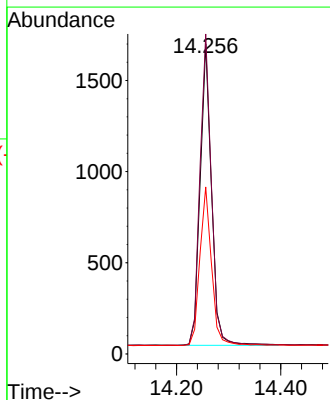
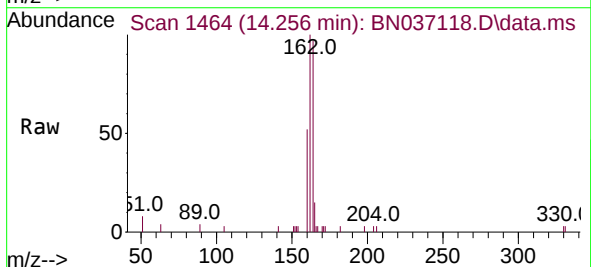
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250516

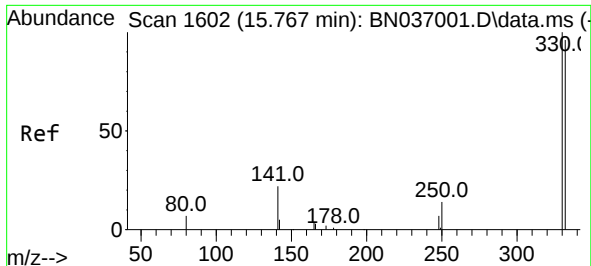
Tgt Ion:152 Resp: 56
Ion Ratio Lower Upper
152 100
151 25.0 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

Tgt Ion:164 Resp: 2514
Ion Ratio Lower Upper
164 100
162 103.2 84.2 126.4
160 53.9 42.6 63.8

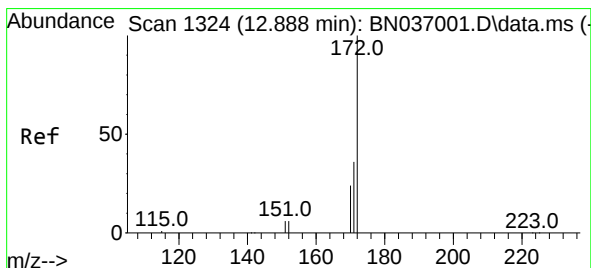
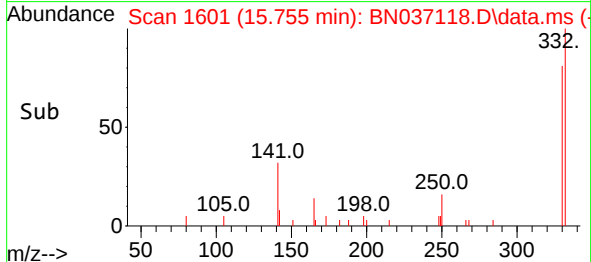
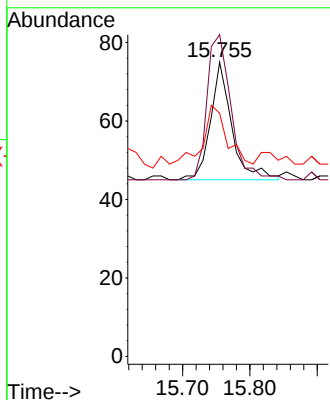
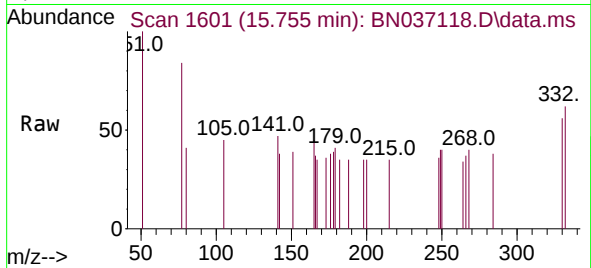




#14
2,4,6-Tribromophenol
Concen: 0.060 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

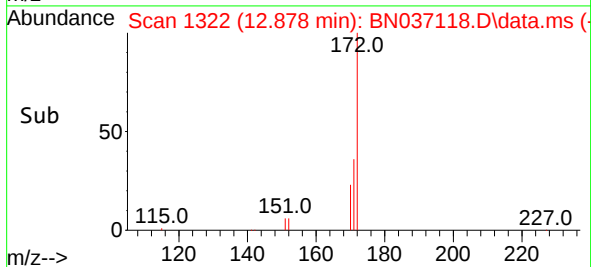
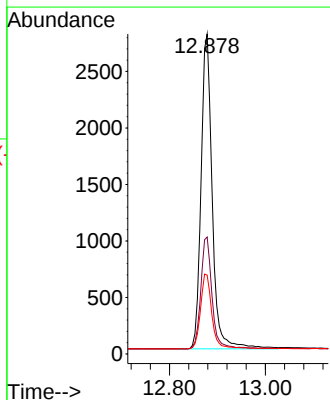
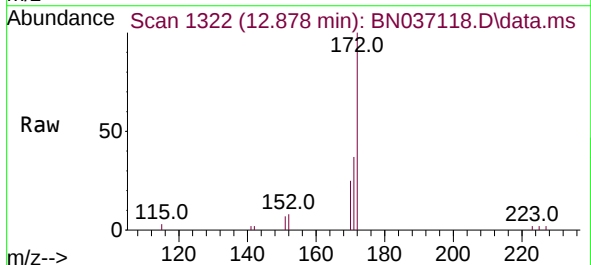
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250516

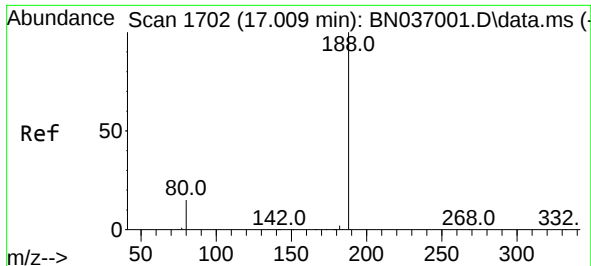
Tgt Ion:330 Resp: 66
Ion Ratio Lower Upper
330 100
332 139.4 73.8 110.8#
141 69.7 43.9 65.9#



#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

Tgt Ion:172 Resp: 4757
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.6 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037118.D

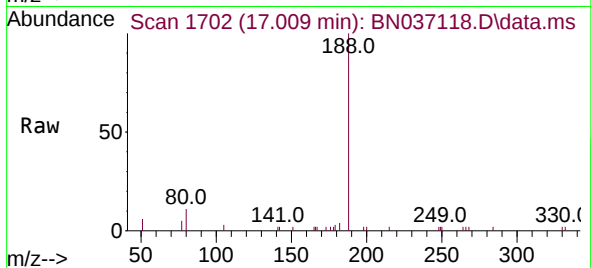
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Instrument :

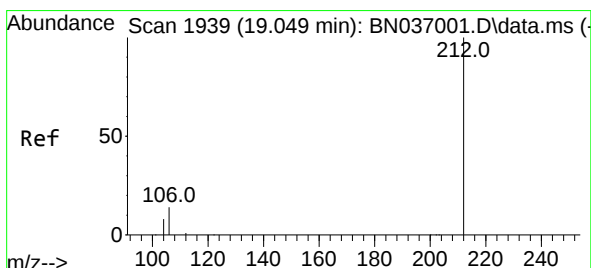
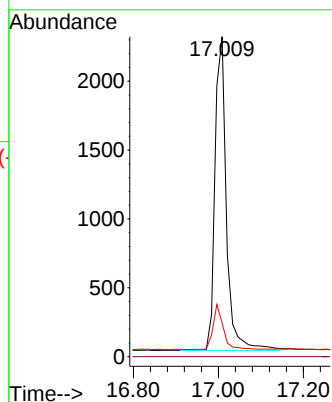
BNA_N

ClientSampleId :

VPB182-HYD-20250516



Tgt Ion:188	Resp:	4253
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	10.5	13.4 20.0



#27

Fluoranthene-d10

Concen: 0.032 ng

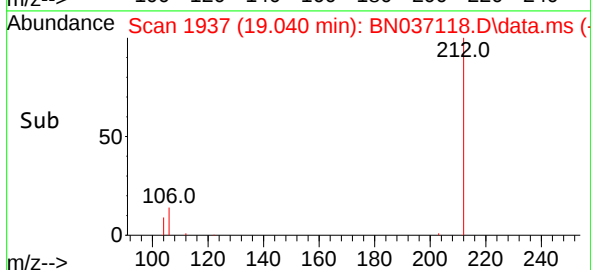
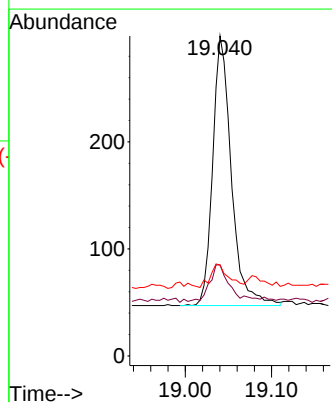
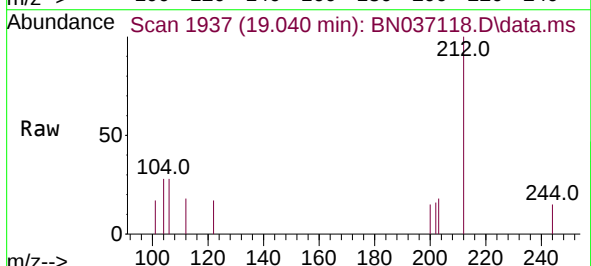
RT: 19.040 min Scan# 1937

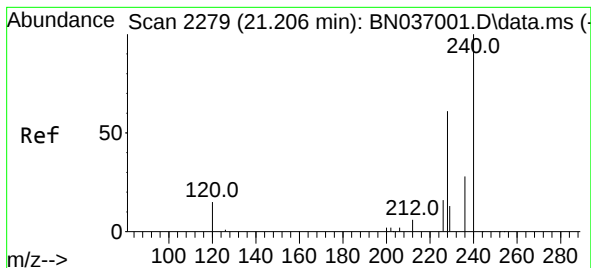
Delta R.T. -0.009 min

Lab File: BN037118.D

Acq: 28 May 2025 20:47

Tgt Ion:212	Resp:	379
Ion	Ratio	Lower Upper
212	100	
106	14.2	11.3 16.9
104	8.2	6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.198 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037118.D

Acq: 28 May 2025 20:47

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250516

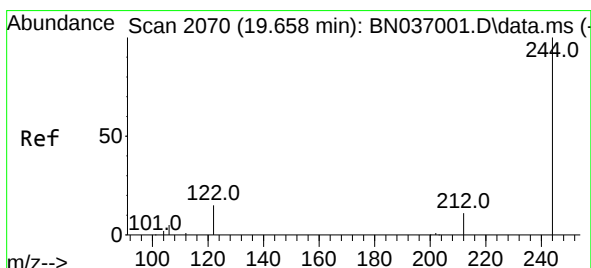
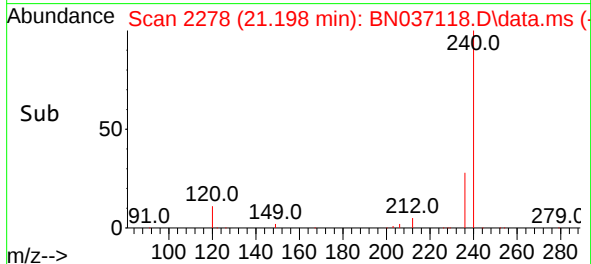
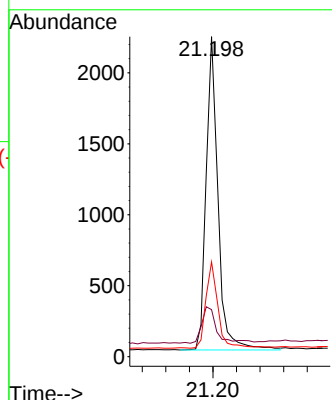
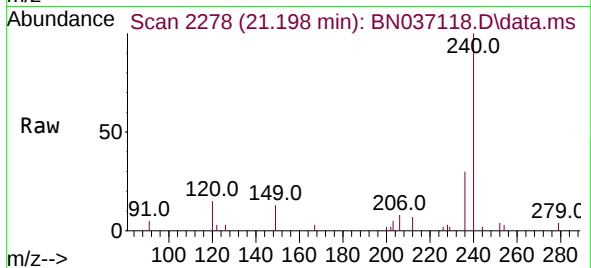
Tgt Ion:240 Resp: 3086

Ion Ratio Lower Upper

240 100

120 14.7 15.1 22.7#

236 29.6 24.0 36.0



#31

Terphenyl-d14

Concen: 0.458 ng

RT: 19.644 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN037118.D

Acq: 28 May 2025 20:47

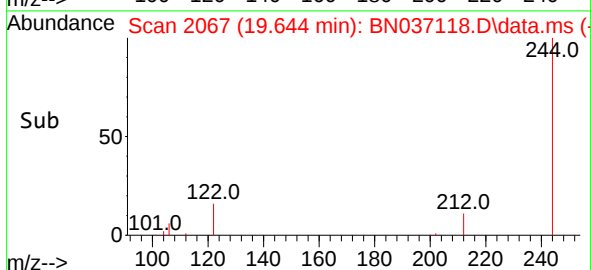
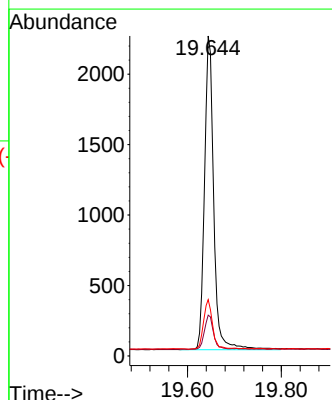
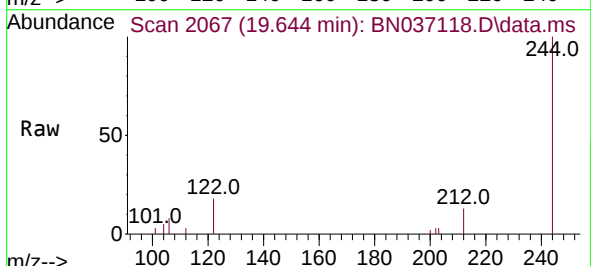
Tgt Ion:244 Resp: 3020

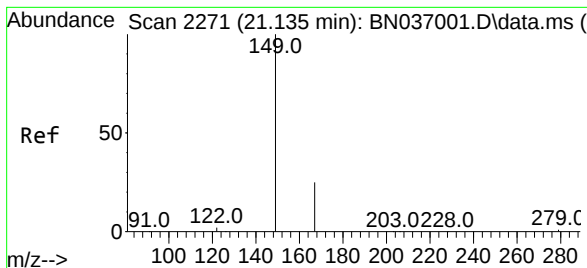
Ion Ratio Lower Upper

244 100

212 12.8 9.7 14.5

122 17.6 13.4 20.0

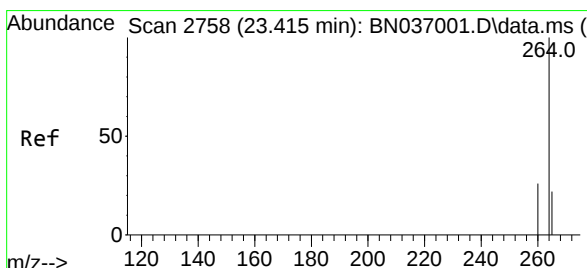
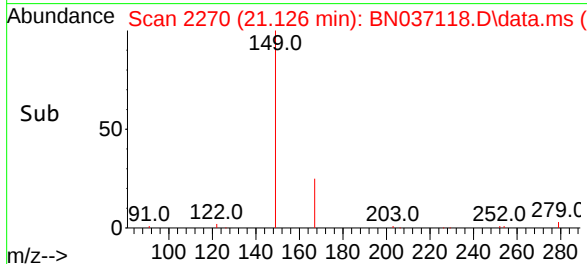
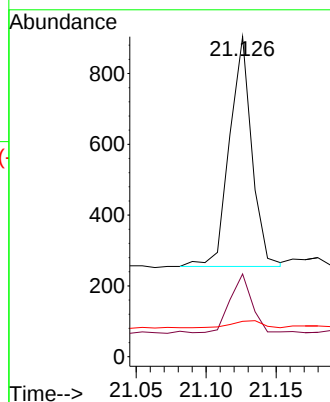
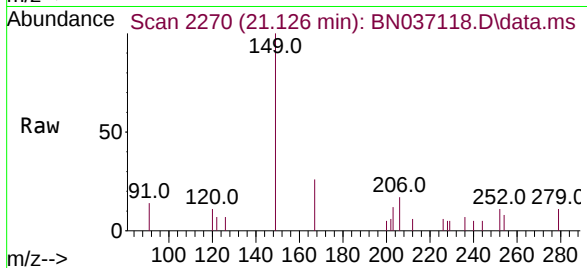




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 21.126 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

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Tgt Ion:149 Resp: 718
Ion Ratio Lower Upper
149 100
167 26.9 20.6 30.8
279 4.0 2.6 3.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 2752
Delta R.T. -0.017 min
Lab File: BN037118.D
Acq: 28 May 2025 20:47

Tgt Ion:264 Resp: 2551
Ion Ratio Lower Upper
264 100
260 27.3 21.9 32.9
265 78.9 51.6 77.4#

