

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
 Data File : BN037129.D
 Acq On : 29 May 2025 11:06
 Operator : RC/JU
 Sample : PB168155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

Quant Time: May 29 11:46:42 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	7.604	152	2383	0.400	ng	-0.01
7) Naphthalene-d8	10.383	136	5939	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	3079	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5711	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3664	0.400	ng	0.00
35) Perylene-d12	23.401	264	3115	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2059	0.330	ng	0.00
5) Phenol-d6	6.788	99	2397	0.307	ng	0.00
8) Nitrobenzene-d5	8.760	82	2052	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2805	0.336	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	179	0.132	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4920	0.349	ng	-0.01
27) Fluoranthene-d10	19.040	212	5041	0.322	ng	0.00
31) Terphenyl-d14	19.649	244	3494	0.446	ng	0.00

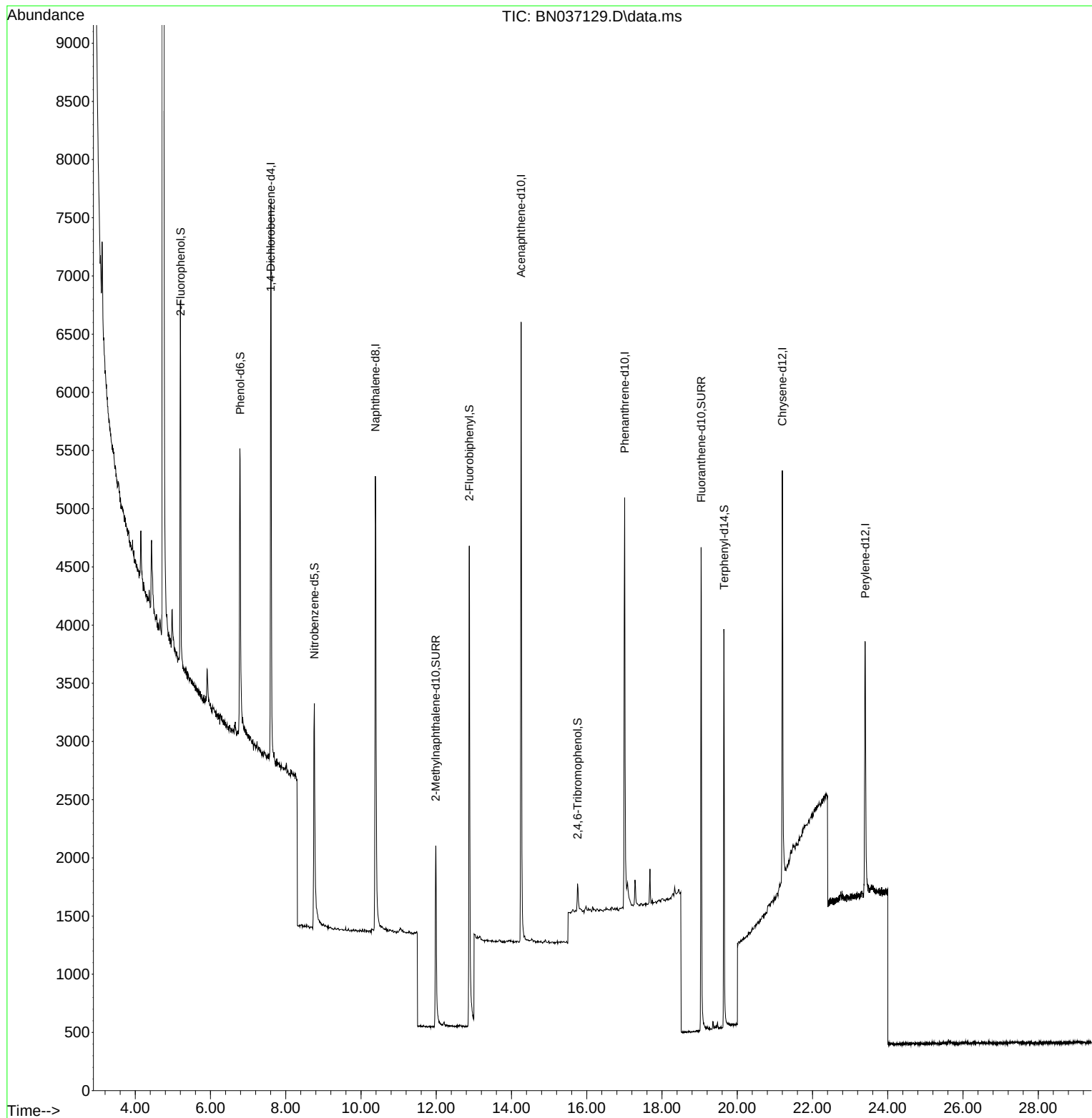
Target Compounds Qvalue

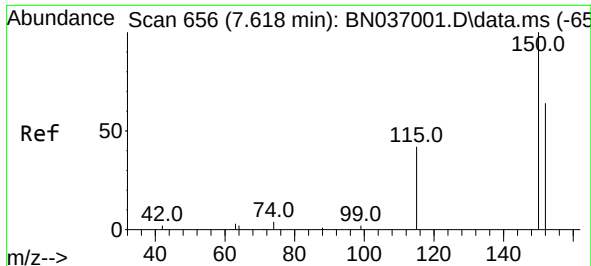
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052925\
Data File : BN037129.D
Acq On : 29 May 2025 11:06
Operator : RC/JU
Sample : PB168155BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168155BL

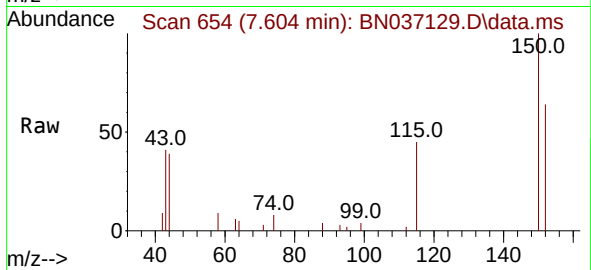
Quant Time: May 29 11:46:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





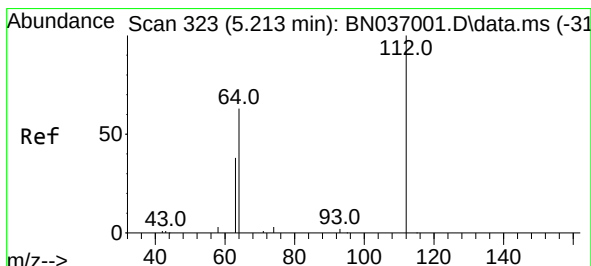
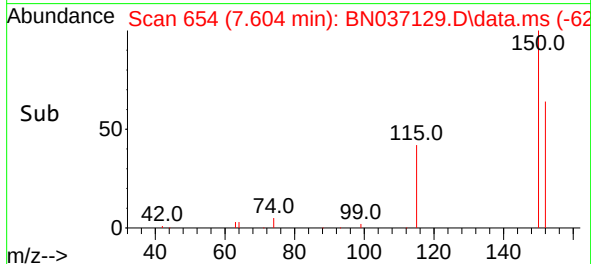
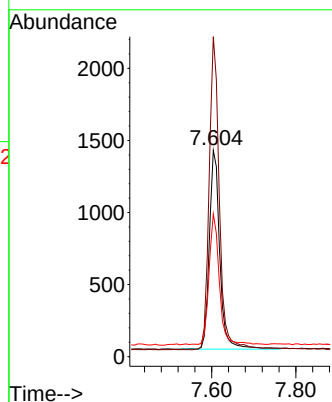
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.604 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037129.D
 Acq: 29 May 2025 11:06

Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL



Tgt Ion:152 Resp: 2383

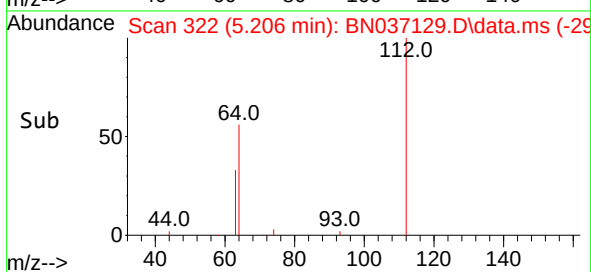
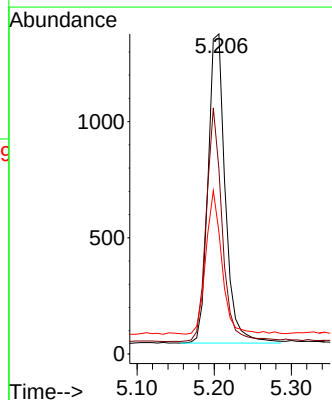
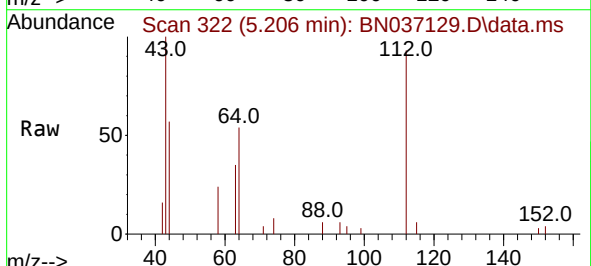
Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.9	185.9
115	69.2	55.8	83.8

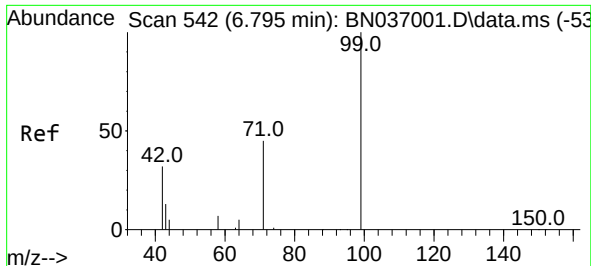


#4
 2-Fluorophenol
 Concen: 0.330 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037129.D
 Acq: 29 May 2025 11:06

Tgt Ion:112 Resp: 2059

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.7	83.5
63	42.7	34.6	51.8

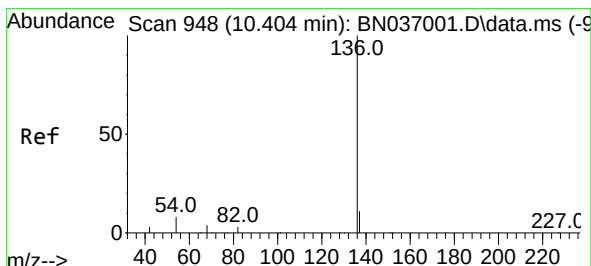
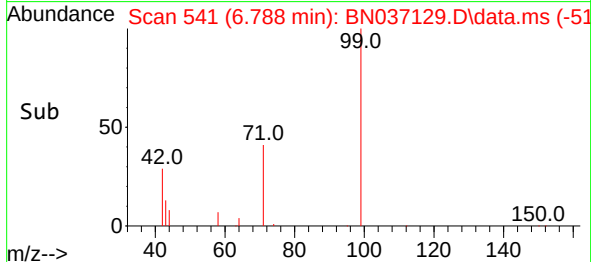
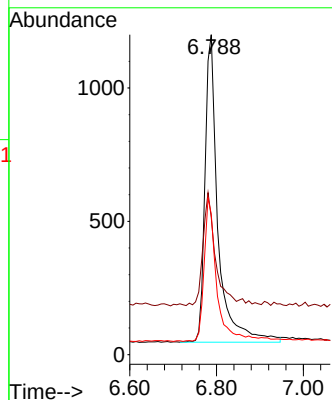
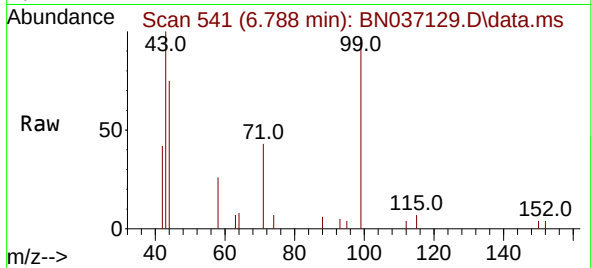




#5
Phenol-d6
Concen: 0.307 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

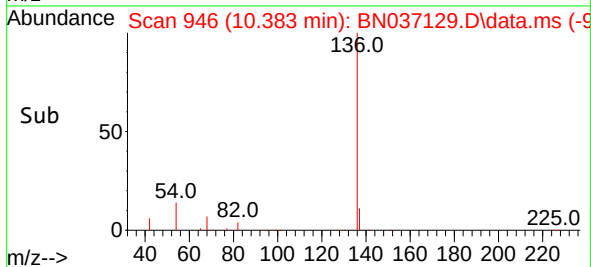
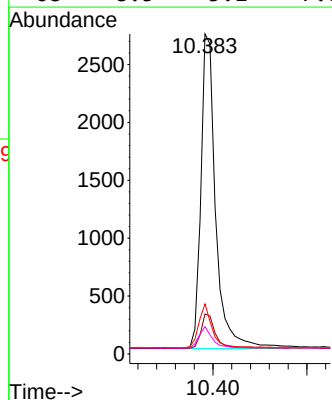
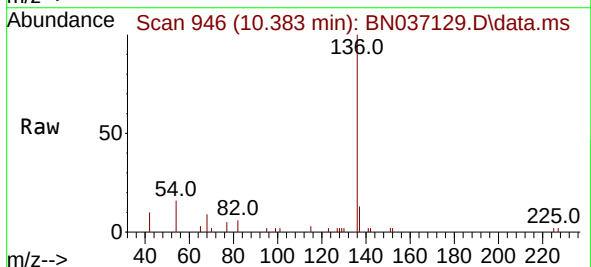
Instrument :
BNA_N
ClientSampleId :
PB168155BL

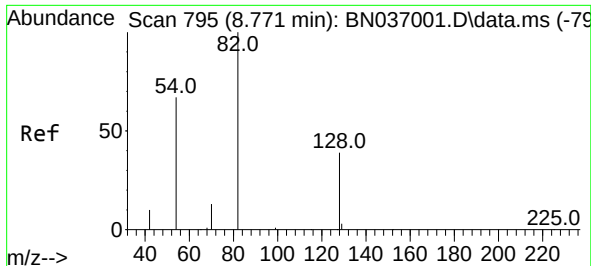
Tgt Ion: 99 Resp: 2397
Ion Ratio Lower Upper
99 100
42 36.6 29.3 43.9
71 44.4 35.7 53.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 946
Delta R.T. -0.021 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

Tgt Ion: 136 Resp: 5939
Ion Ratio Lower Upper
136 100
137 12.5 10.4 15.6
54 15.6 8.5 12.7#
68 8.5 5.1 7.7#

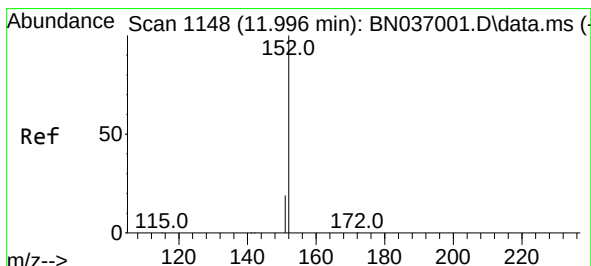
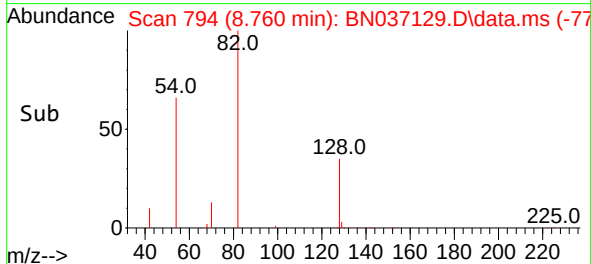
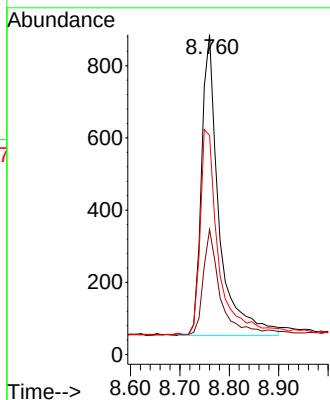
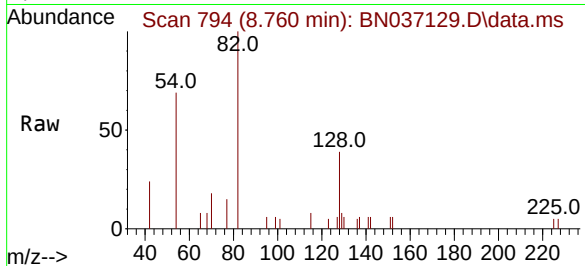




#8
 Nitrobenzene-d5
 Concen: 0.317 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037129.D
 Acq: 29 May 2025 11:06

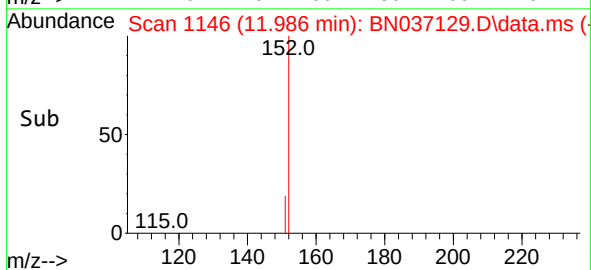
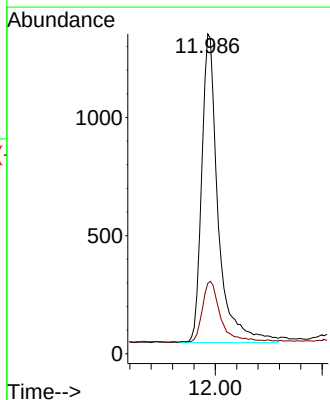
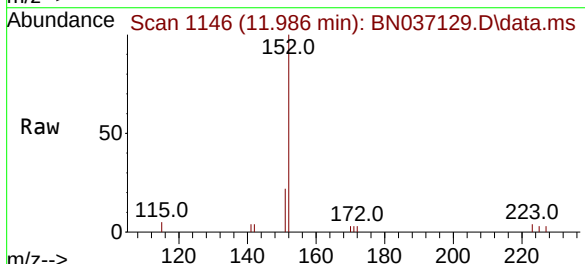
Instrument :
 BNA_N
 ClientSampleId :
 PB168155BL

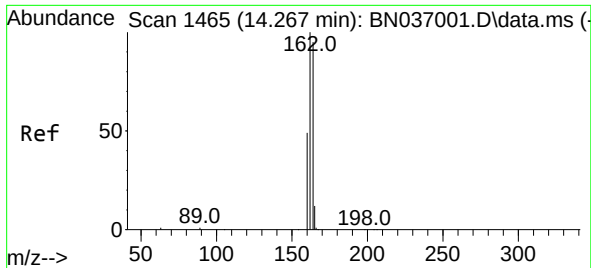
Tgt Ion: 82 Resp: 2052
 Ion Ratio Lower Upper
 82 100
 128 39.1 34.0 51.0
 54 68.5 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.336 ng
 RT: 11.986 min Scan# 1146
 Delta R.T. -0.010 min
 Lab File: BN037129.D
 Acq: 29 May 2025 11:06

Tgt Ion: 152 Resp: 2805
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.5 26.3

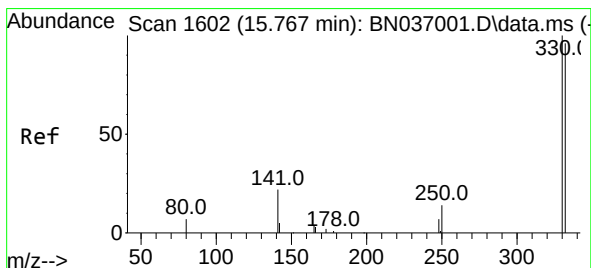
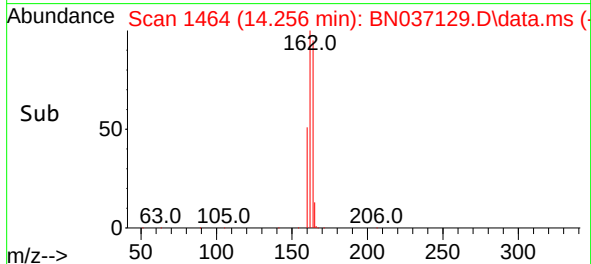
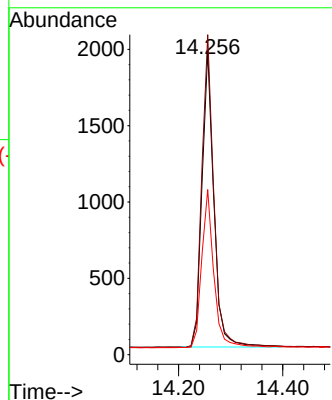
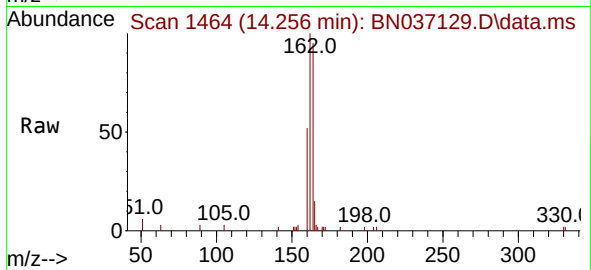




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

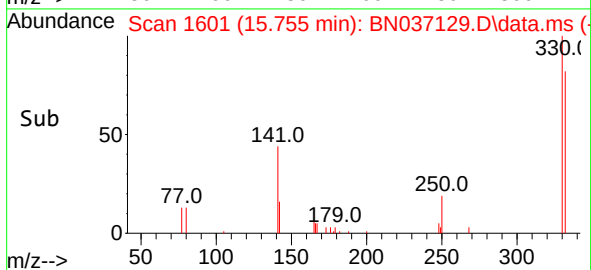
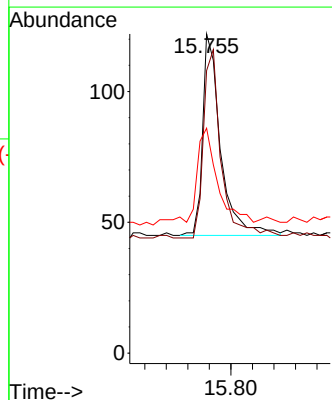
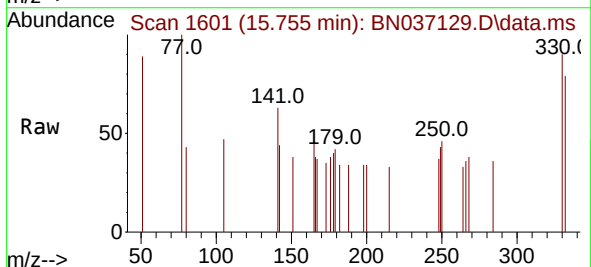
Instrument :
BNA_N
ClientSampleId :
PB168155BL

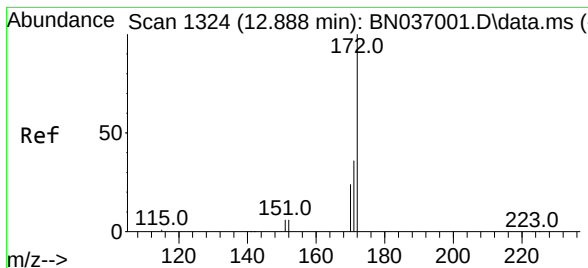
Tgt Ion:164 Resp: 3079
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.4
160 54.4 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.132 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

Tgt Ion:330 Resp: 179
Ion Ratio Lower Upper
330 100
332 93.3 73.8 110.8
141 59.2 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.349 ng

RT: 12.878 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037129.D

Acq: 29 May 2025 11:06

Instrument :

BNA_N

ClientSampleId :

PB168155BL

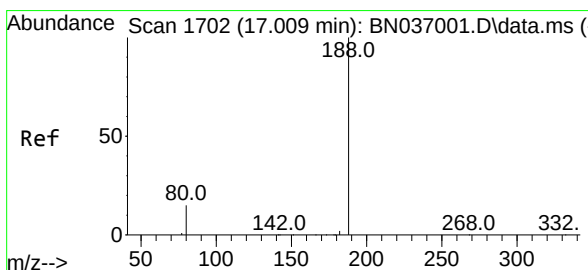
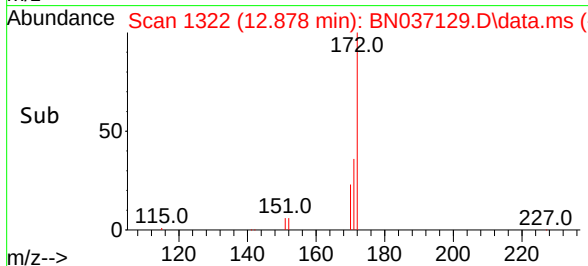
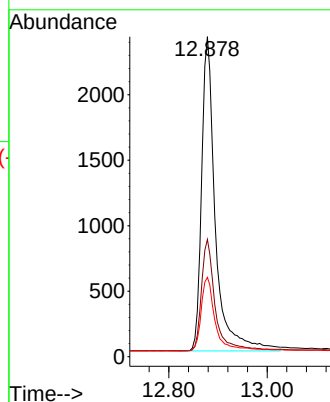
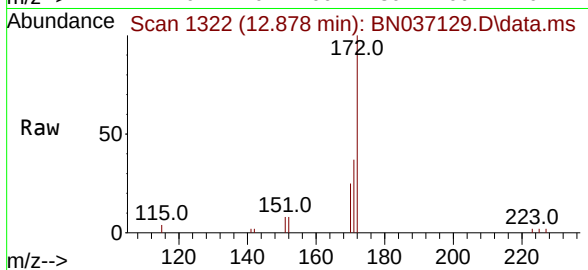
Tgt Ion:172 Resp: 4920

Ion Ratio Lower Upper

172 100

171 36.7 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: BN037129.D

Acq: 29 May 2025 11:06

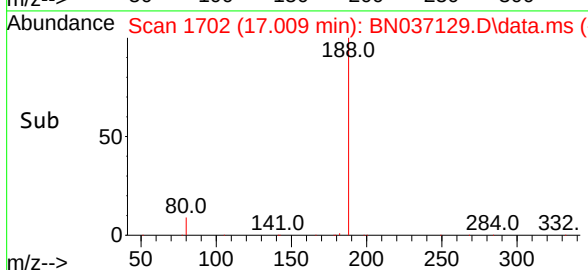
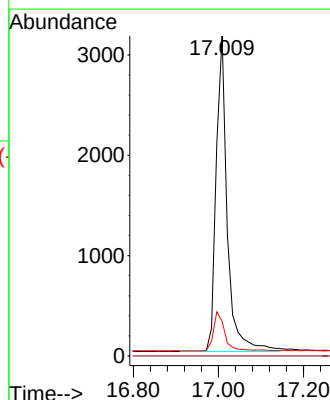
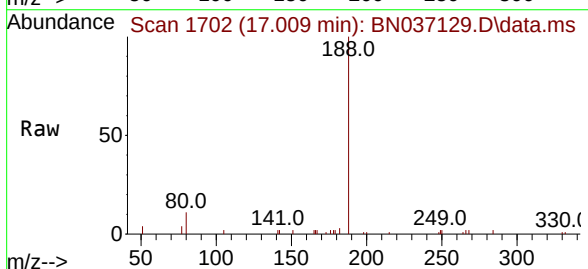
Tgt Ion:188 Resp: 5711

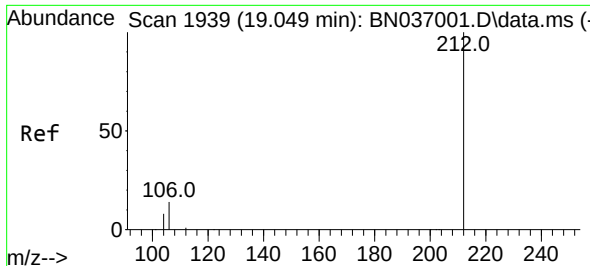
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 13.4 20.0#

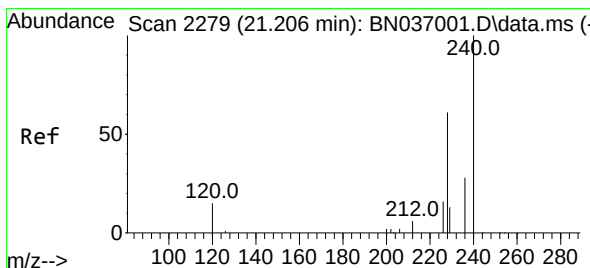
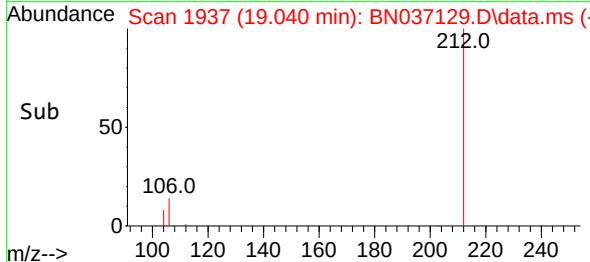
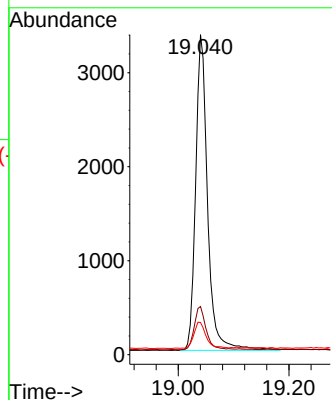
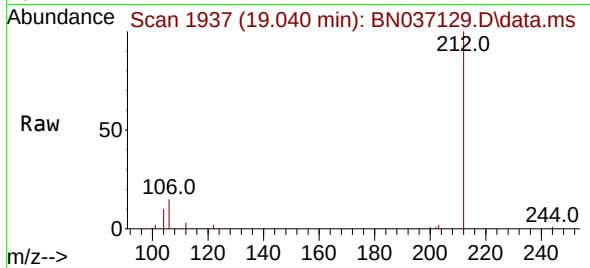




#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

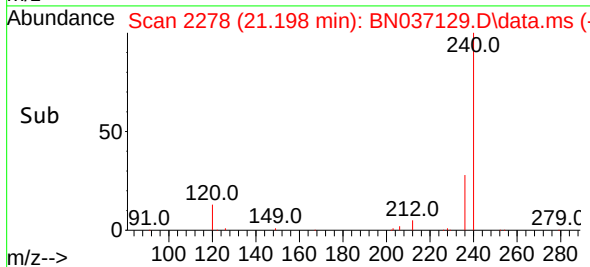
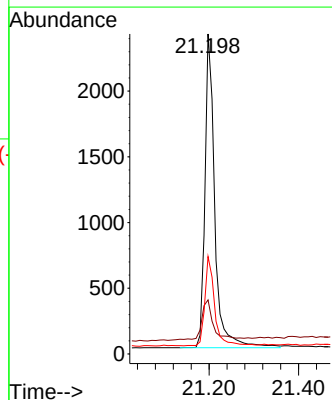
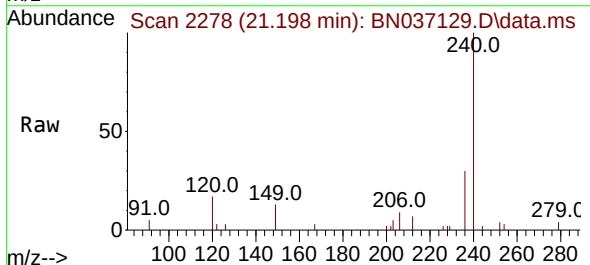
Instrument :
BNA_N
ClientSampleId :
PB168155BL

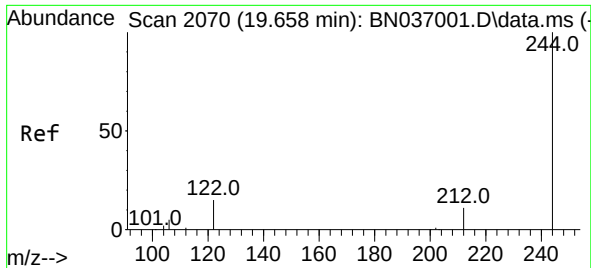
Tgt Ion:212 Resp: 5041
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 8.3 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

Tgt Ion:240 Resp: 3664
Ion Ratio Lower Upper
240 100
120 16.9 15.1 22.7
236 30.5 24.0 36.0

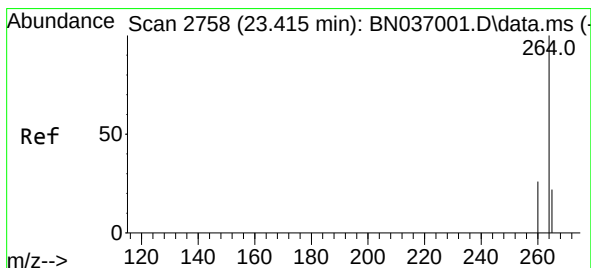
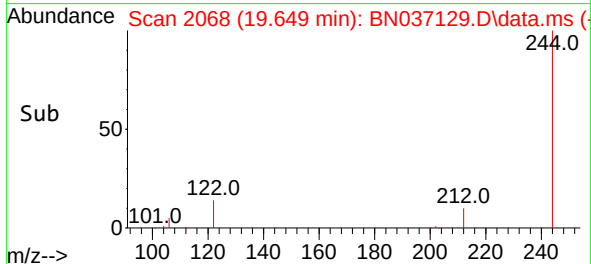
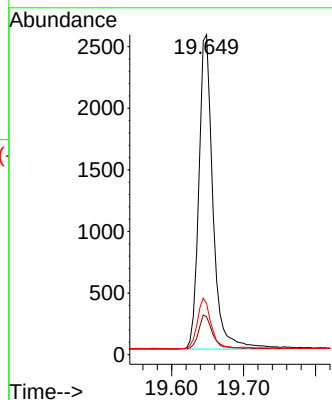
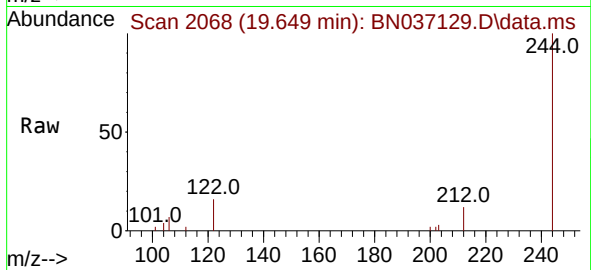




#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.649 min Scan# 2070
Delta R.T. -0.009 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

Instrument :
BNA_N
ClientSampleId :
PB168155BL

Tgt Ion:244 Resp: 3494
Ion Ratio Lower Upper
244 100
212 11.9 9.7 14.5
122 15.9 13.4 20.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.401 min Scan# 2753
Delta R.T. -0.015 min
Lab File: BN037129.D
Acq: 29 May 2025 11:06

Tgt Ion:264 Resp: 3115
Ion Ratio Lower Upper
264 100
260 27.2 21.9 32.9
265 77.5 51.6 77.4#

