

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037123.D
 Acq On : 28 May 2025 23:47
 Operator : RC/JU
 Sample : Q2119-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522

Quant Time: May 29 01:34:10 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)

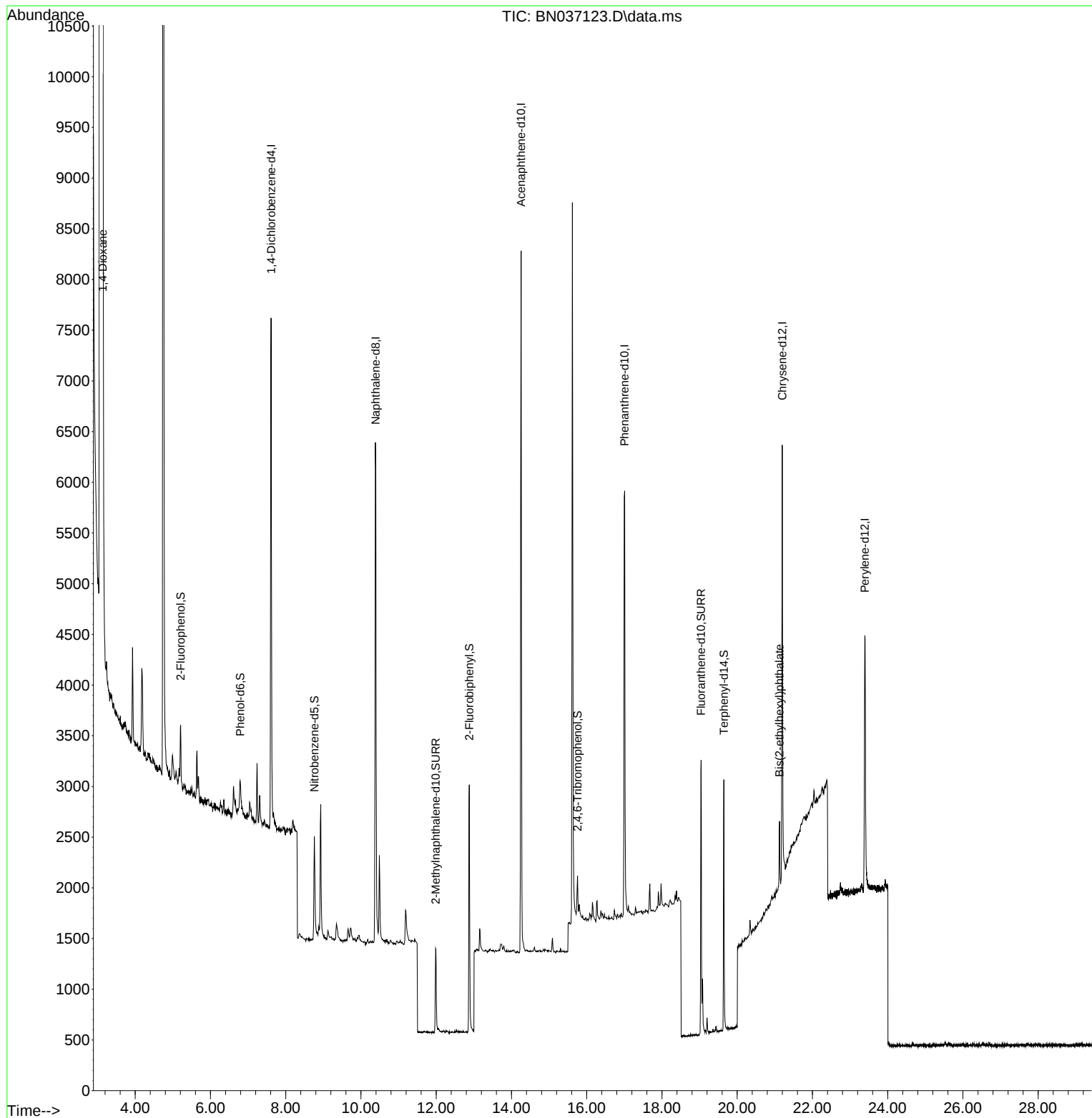
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2494	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	7003	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	3875	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	7007	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	4199	0.400	ng	0.00
35) Perylene-d12	23.395	264	3567	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	430	0.066	ng	0.00
5) Phenol-d6	6.788	99	292	0.036	ng	0.00
8) Nitrobenzene-d5	8.760	82	995	0.130	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1343	0.136	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	215	0.126	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	2359	0.133	ng	-0.01
27) Fluoranthene-d10	19.040	212	3154	0.164	ng	0.00
31) Terphenyl-d14	19.644	244	2340	0.261	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	8620	2.817	ng	97
34) Bis(2-ethylhexyl)phtha...	21.126	149	715	0.073	ng	# 95

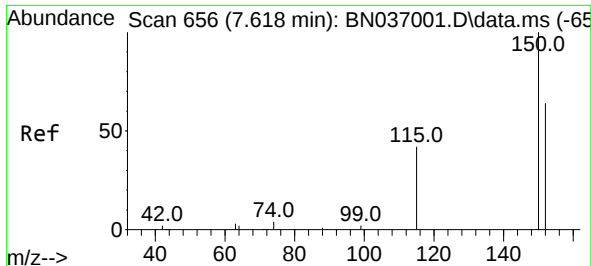
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037123.D
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Operator : RC/JU
Sample : Q2119-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

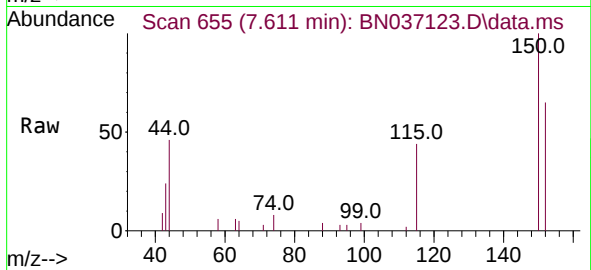
Quant Time: May 29 01:34:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





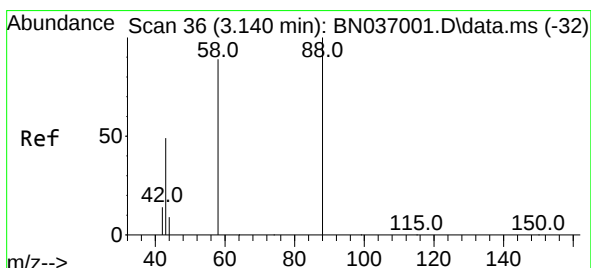
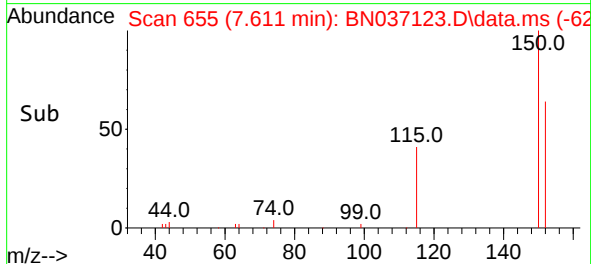
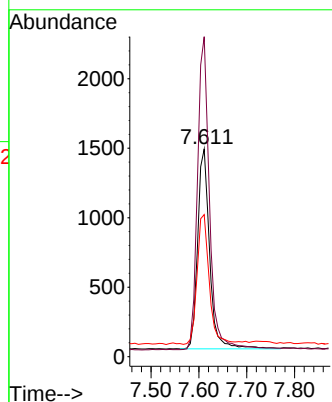
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037123.D
 Acq: 28 May 2025 23:47

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522



Tgt Ion:152 Resp: 2494

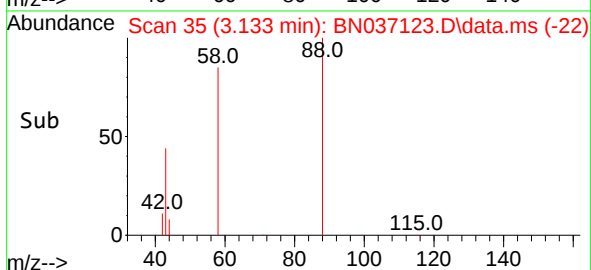
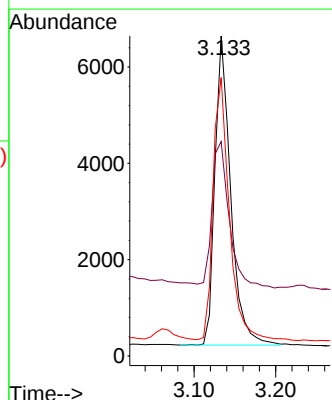
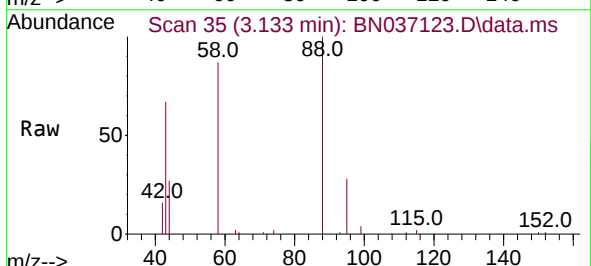
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	68.4	55.8	83.8

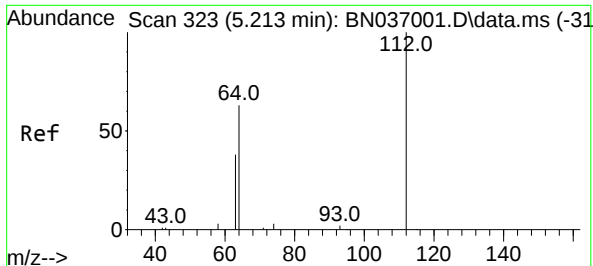


#2
 1,4-Dioxane
 Concen: 2.817 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037123.D
 Acq: 28 May 2025 23:47

Tgt Ion: 88 Resp: 8620

Ion	Ratio	Lower	Upper
88	100		
43	51.8	37.4	56.0
58	86.6	68.8	103.2

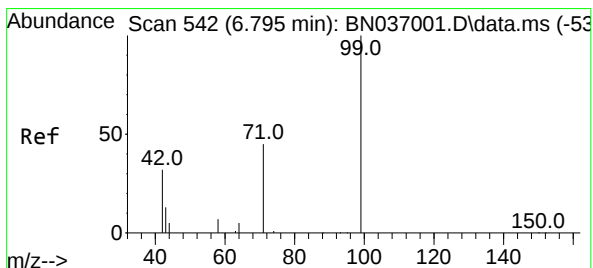
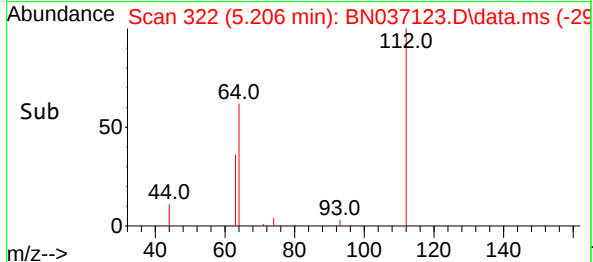
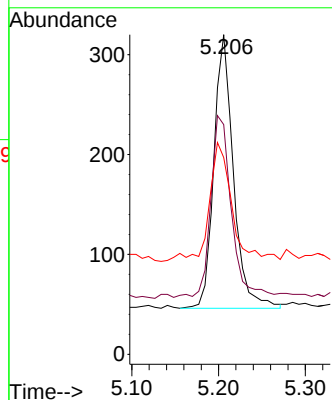
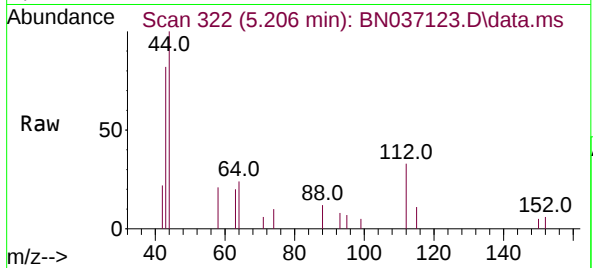




#4
2-Fluorophenol
Concen: 0.066 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

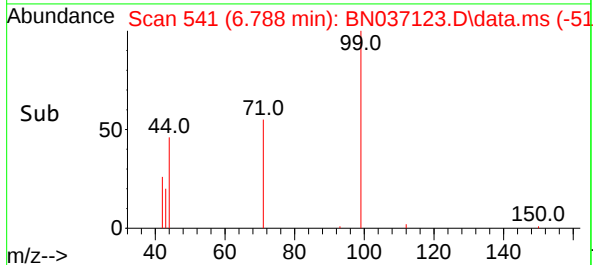
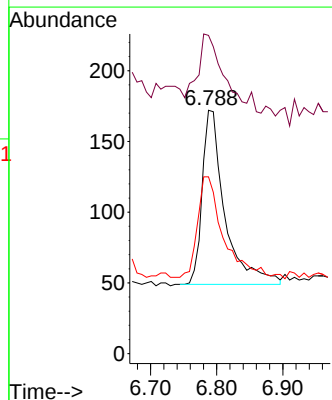
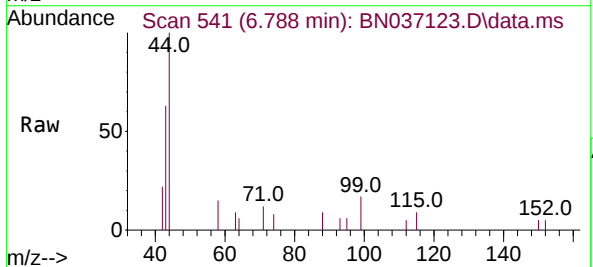
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

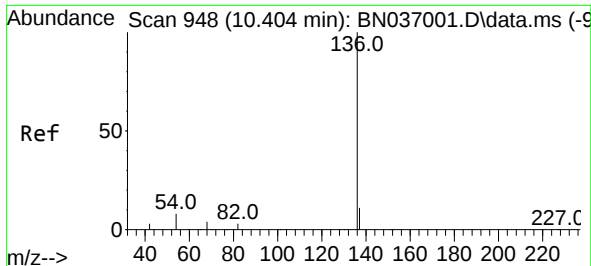
Tgt Ion:112 Resp: 430
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 44.2 34.6 51.8



#5
Phenol-d6
Concen: 0.036 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion: 99 Resp: 292
Ion Ratio Lower Upper
99 100
42 55.5 29.3 43.9#
71 68.5 35.7 53.5#

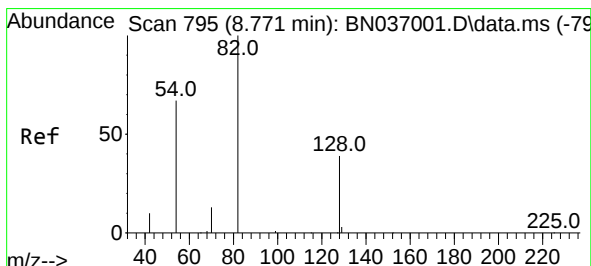
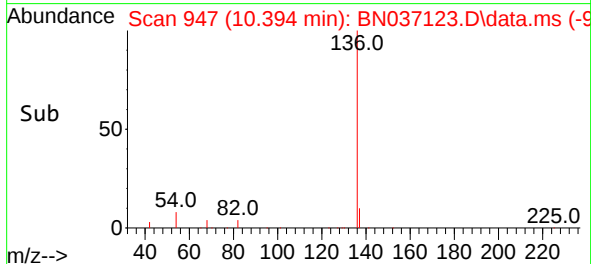
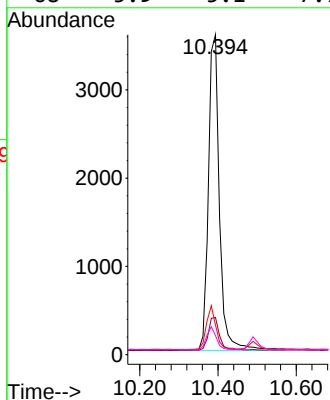
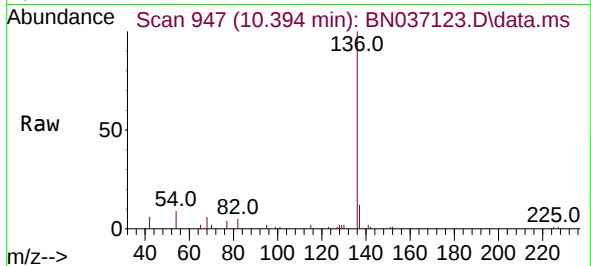




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

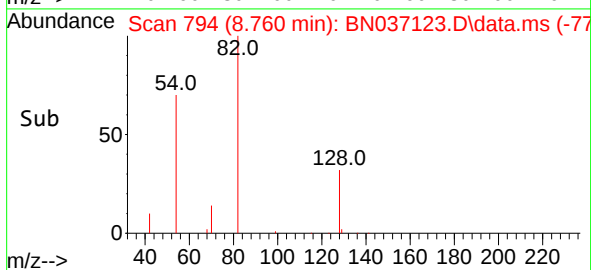
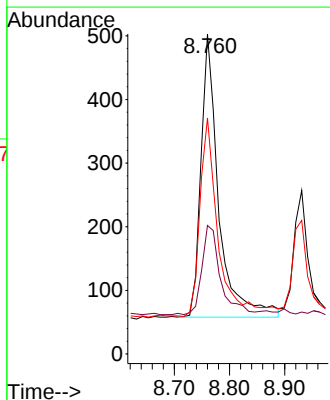
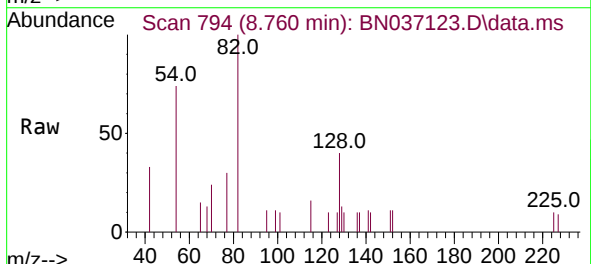
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

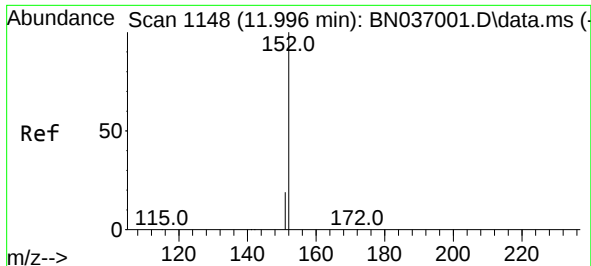
Tgt Ion:	136	Resp:	7003
Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.4	15.6
54	9.2	8.5	12.7
68	5.9	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.130 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:	82	Resp:	995
Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.0	51.0
54	73.8	55.0	82.4





#11

2-Methylnaphthalene-d10

Concen: 0.136 ng

RT: 11.986 min Scan# 1146

Delta R.T. -0.010 min

Lab File: BN037123.D

Acq: 28 May 2025 23:47

Instrument :

BNA_N

ClientSampleId :

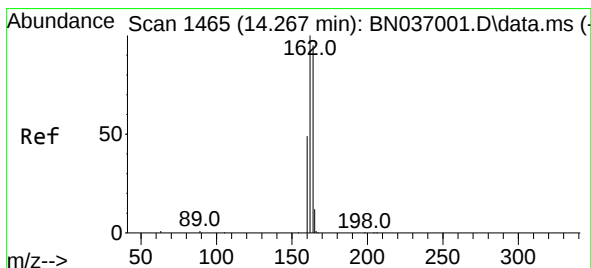
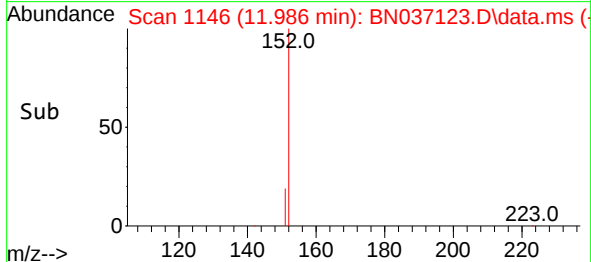
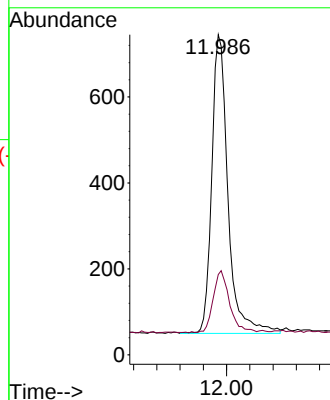
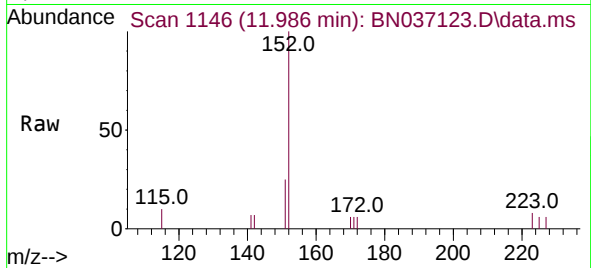
RW5-SP100-20250522

Tgt Ion:152 Resp: 1343

Ion Ratio Lower Upper

152 100

151 20.8 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: BN037123.D

Acq: 28 May 2025 23:47

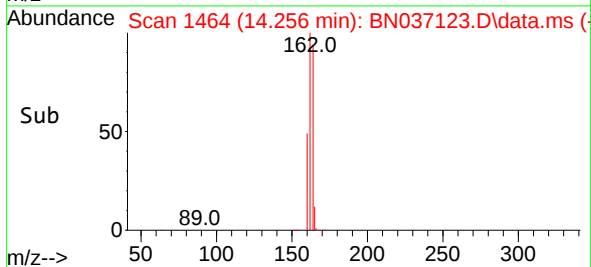
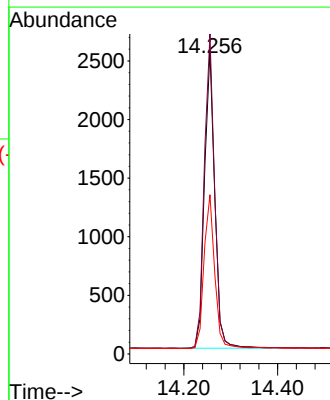
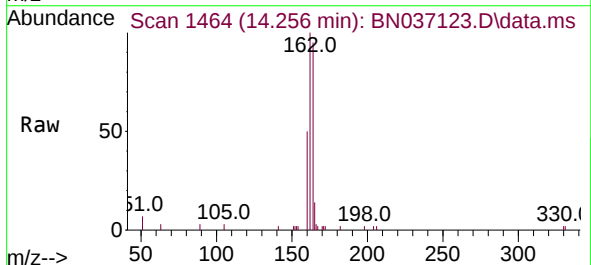
Tgt Ion:164 Resp: 3875

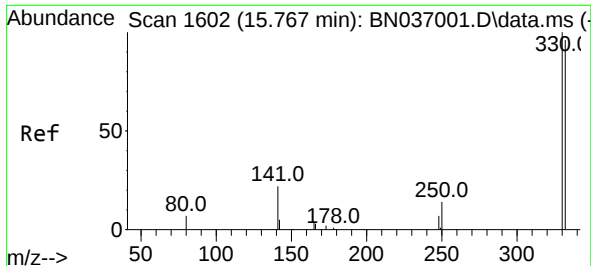
Ion Ratio Lower Upper

164 100

162 105.5 84.2 126.4

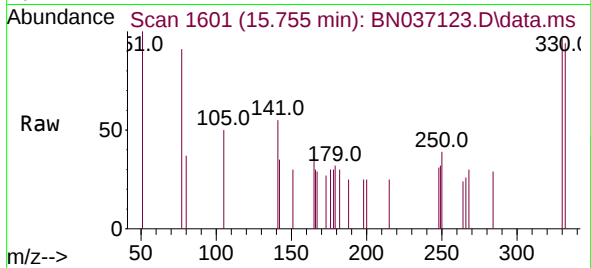
160 52.5 42.6 63.8



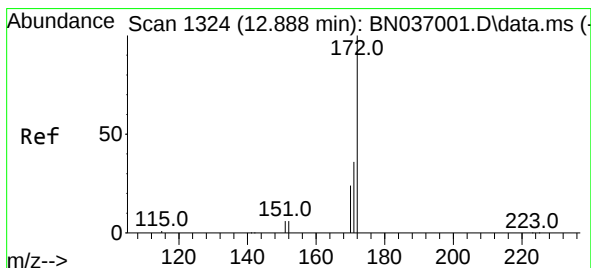
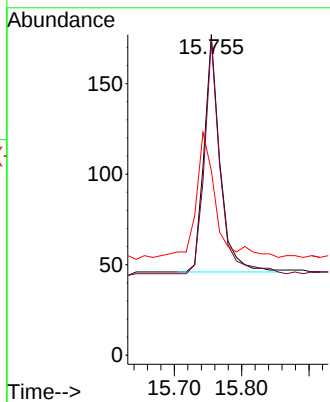
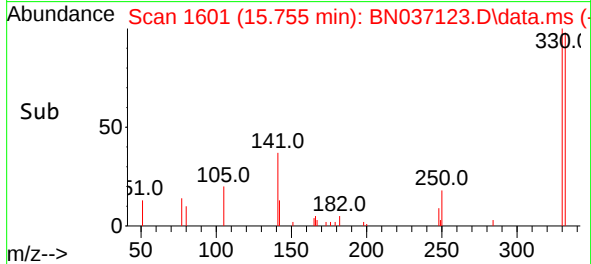


#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

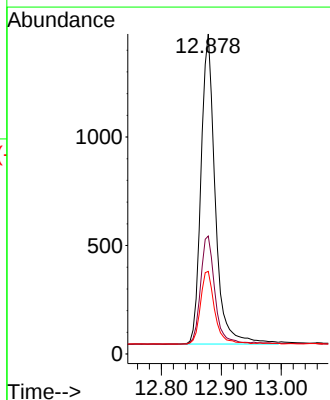
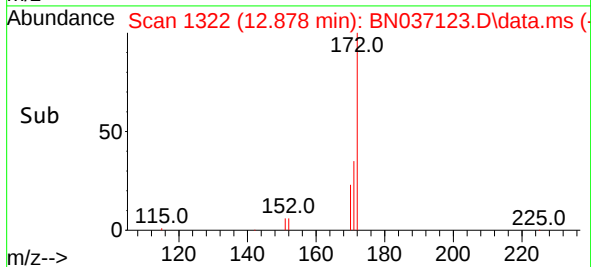
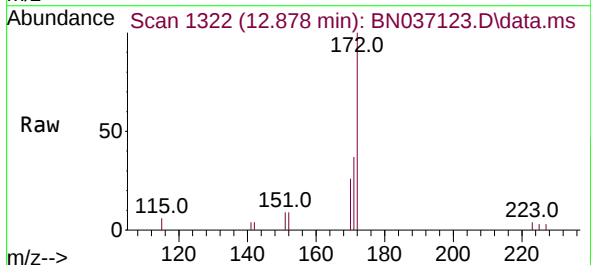


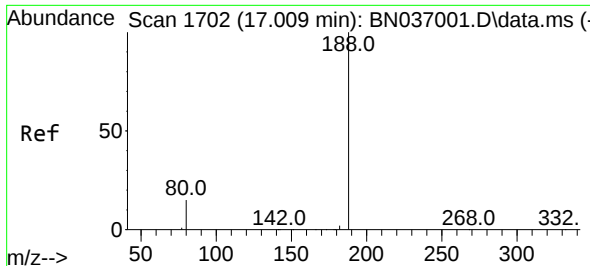
Tgt Ion:330 Resp: 215
Ion Ratio Lower Upper
330 100
332 98.1 73.8 110.8
141 64.7 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.133 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:172 Resp: 2359
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 25.8 20.5 30.7

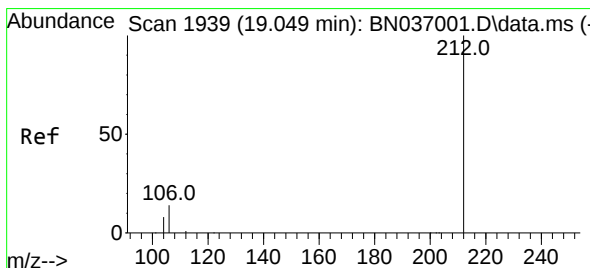
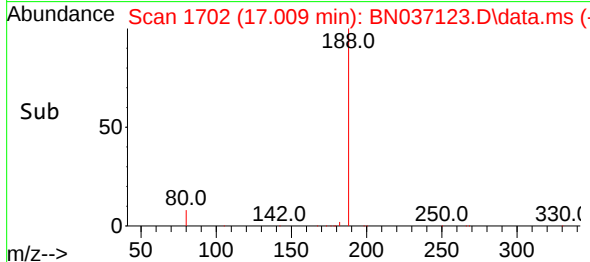
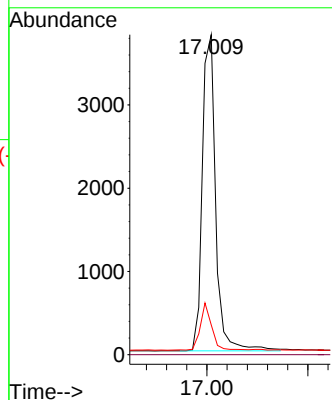
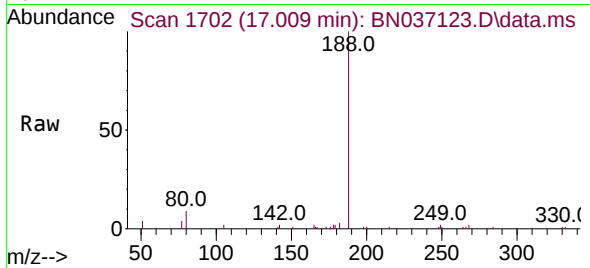




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

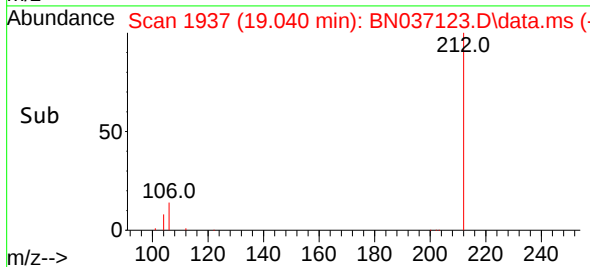
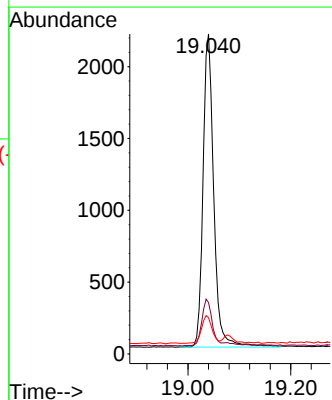
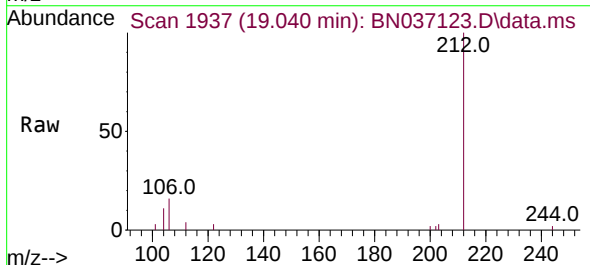
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

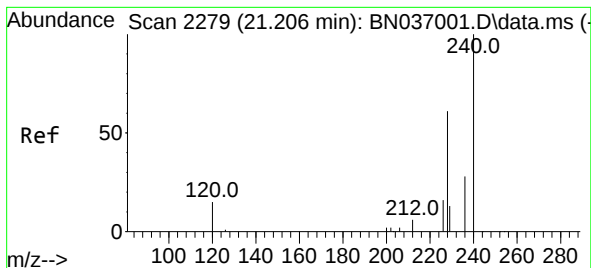
Tgt Ion:188 Resp: 7007
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 13.4 20.0#



#27
Fluoranthene-d10
Concen: 0.164 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037123.D
Acq: 28 May 2025 23:47

Tgt Ion:212 Resp: 3154
Ion Ratio Lower Upper
212 100
106 15.7 11.3 16.9
104 8.5 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.197 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037123.D

Acq: 28 May 2025 23:47

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250522

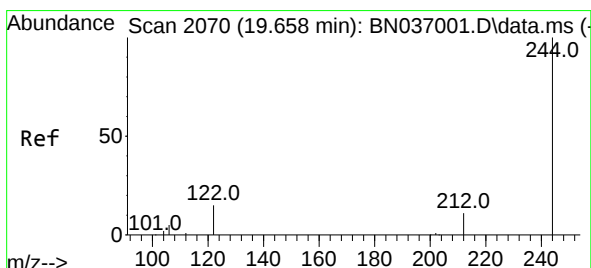
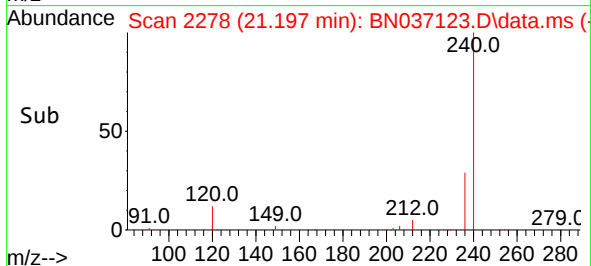
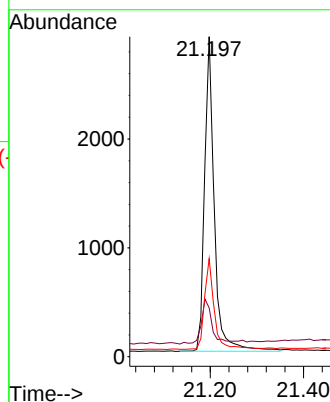
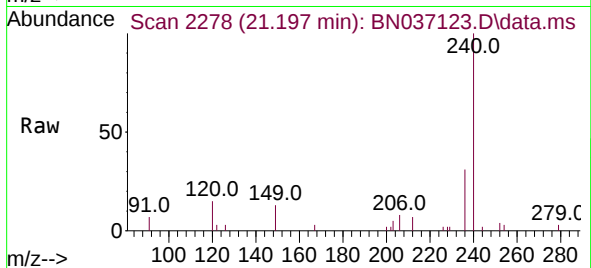
Tgt Ion:240 Resp: 4199

Ion Ratio Lower Upper

240 100

120 15.3 15.1 22.7

236 30.6 24.0 36.0



#31

Terphenyl-d14

Concen: 0.261 ng

RT: 19.644 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN037123.D

Acq: 28 May 2025 23:47

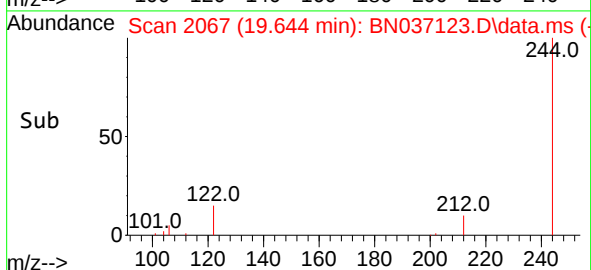
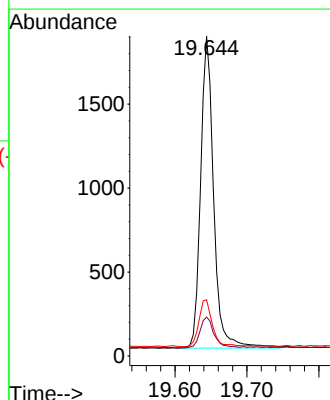
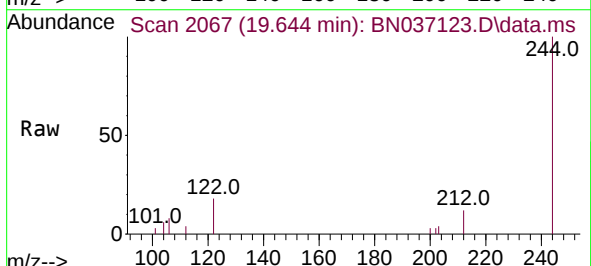
Tgt Ion:244 Resp: 2340

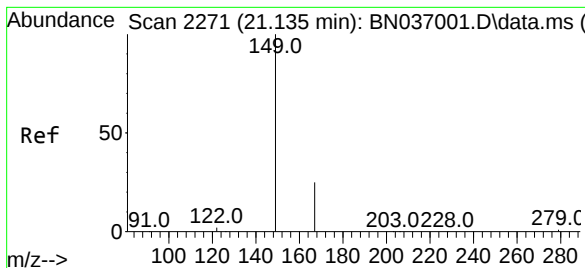
Ion Ratio Lower Upper

244 100

212 12.2 9.7 14.5

122 17.6 13.4 20.0

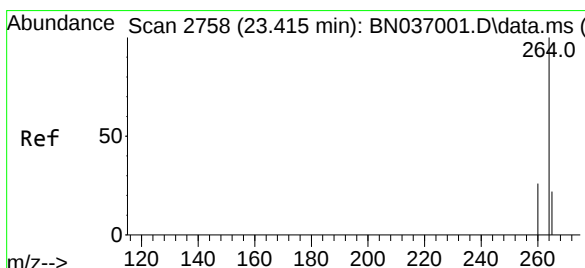
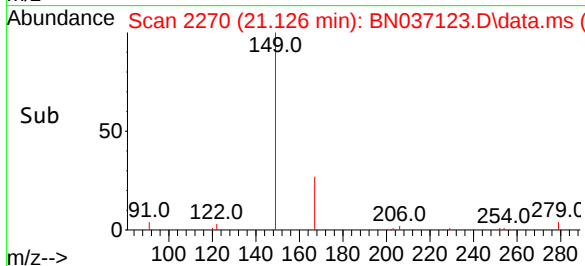
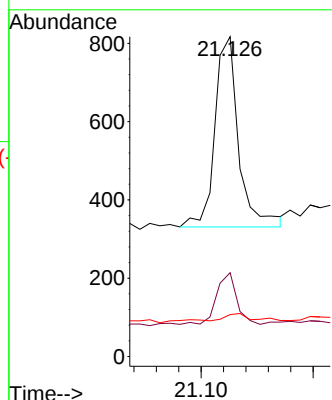
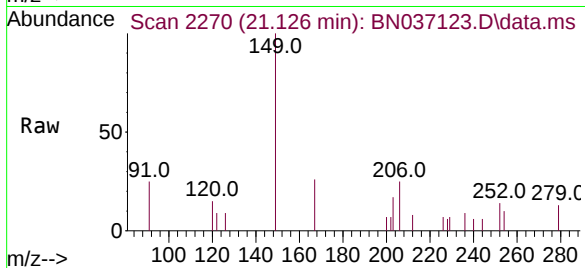




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.126 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN037123.D
 Acq: 28 May 2025 23:47

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522

Tgt Ion:149 Resp: 715
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.6 30.8
 279 4.1 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.395 min Scan# 2751
 Delta R.T. -0.020 min
 Lab File: BN037123.D
 Acq: 28 May 2025 23:47

Tgt Ion:264 Resp: 3567
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.9 32.9
 265 80.5 51.6 77.4#

