

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037105.D
 Acq On : 28 May 2025 12:29
 Operator : RC/JU
 Sample : Q2119-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250522

Quant Time: May 28 15:35:57 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)

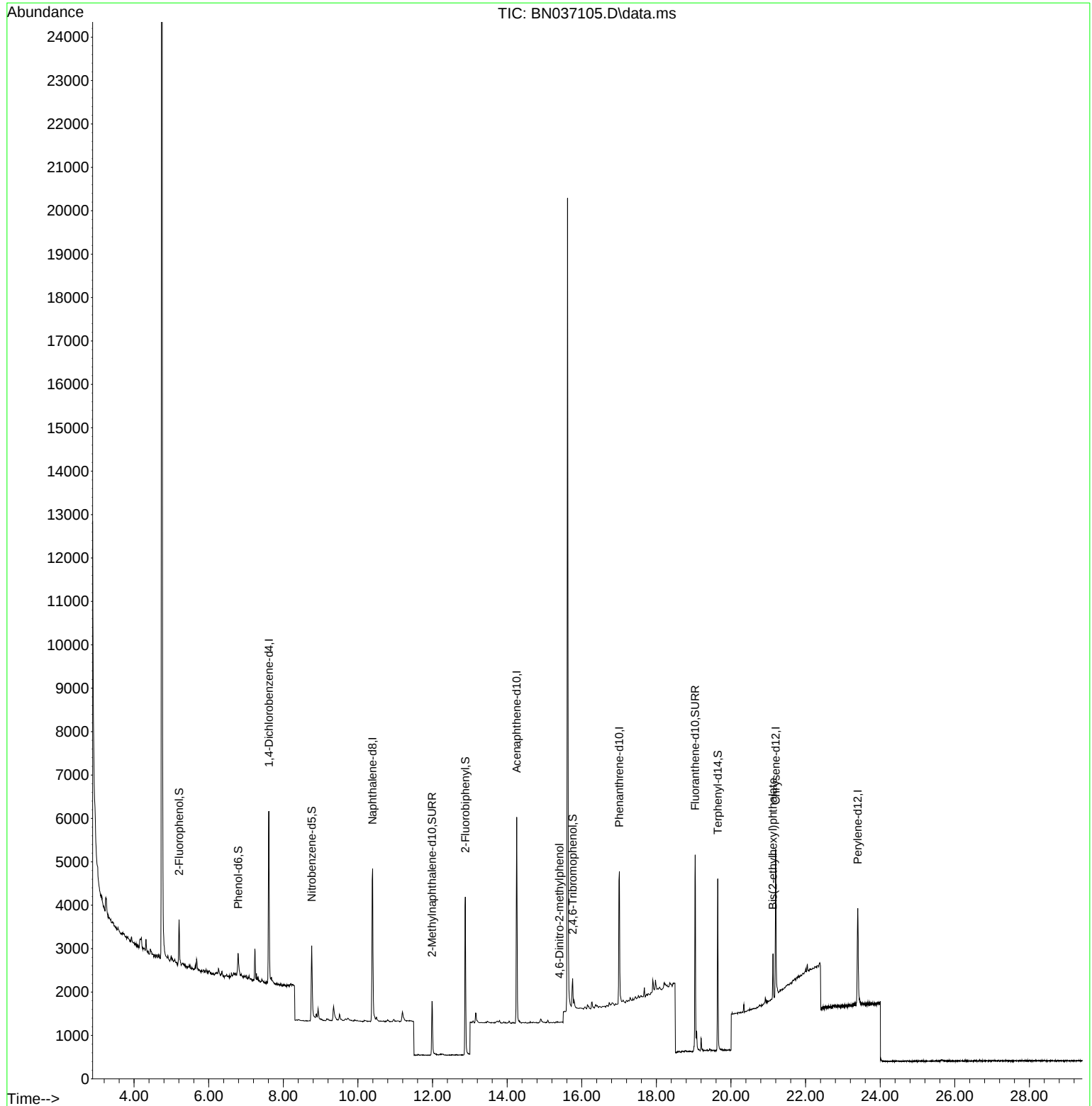
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1933	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4924	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2554	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4806	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3331	0.400	ng	0.00
35) Perylene-d12	23.398	264	3065	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	676	0.133	ng	0.00
5) Phenol-d6	6.788	99	441	0.070	ng	0.00
8) Nitrobenzene-d5	8.760	82	1589	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1941	0.280	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	385	0.343	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3316	0.284	ng	-0.01
27) Fluoranthene-d10	19.040	212	5041	0.383	ng	0.00
31) Terphenyl-d14	19.644	244	3759	0.528	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.400	198	1	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	941	0.122	ng	# 96

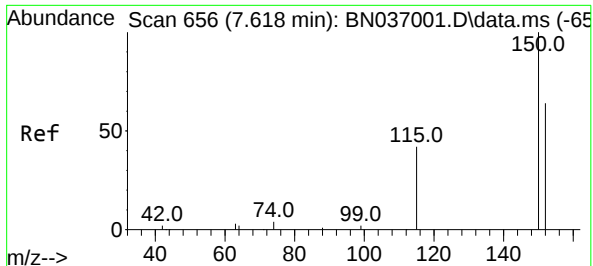
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037105.D
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Operator : RC/JU
Sample : Q2119-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250522

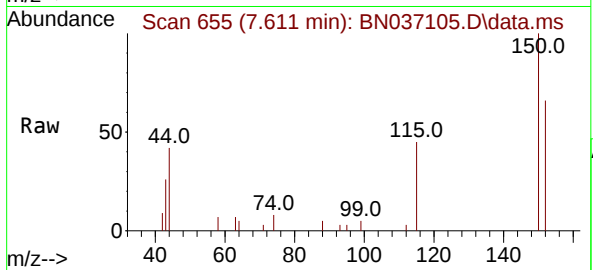
Quant Time: May 28 15:35:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



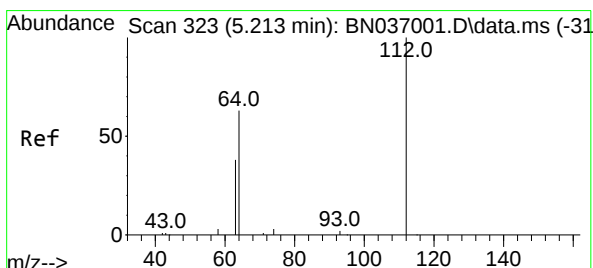
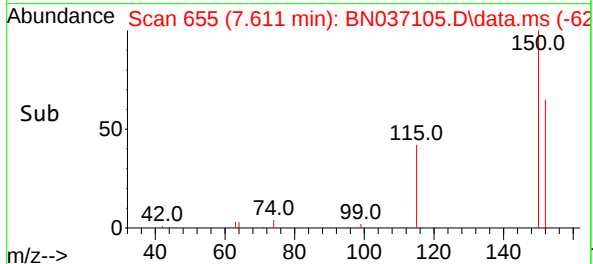
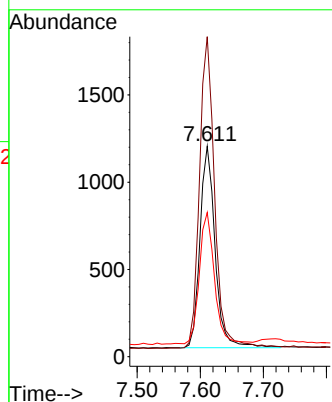


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250522

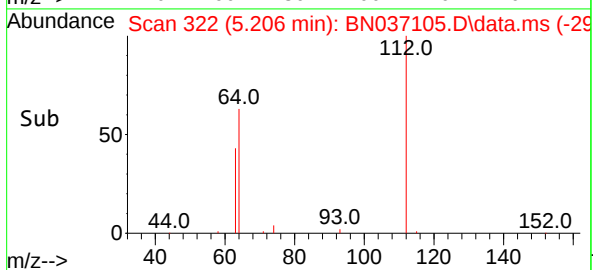
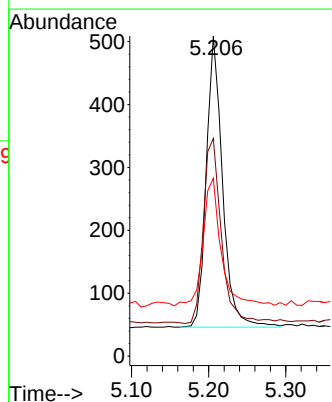
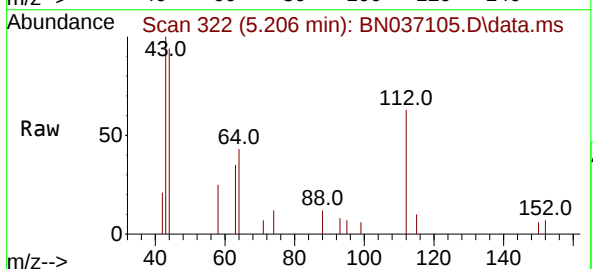


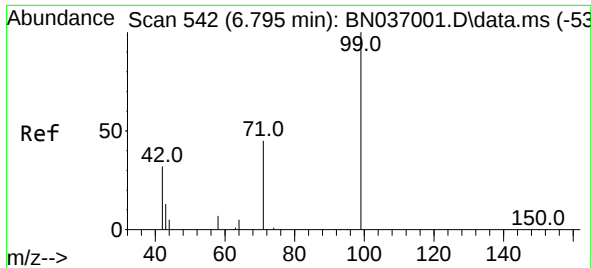
Tgt Ion:152 Resp: 1933
Ion Ratio Lower Upper
152 100
150 152.1 123.9 185.9
115 68.5 55.8 83.8



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

Tgt Ion:112 Resp: 676
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 49.3 34.6 51.8

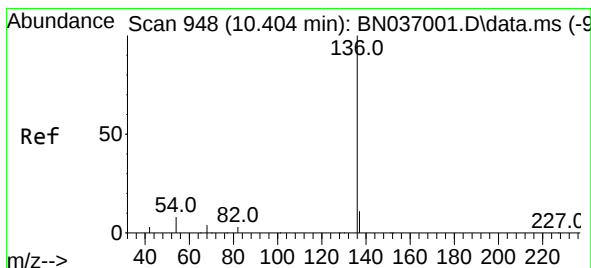
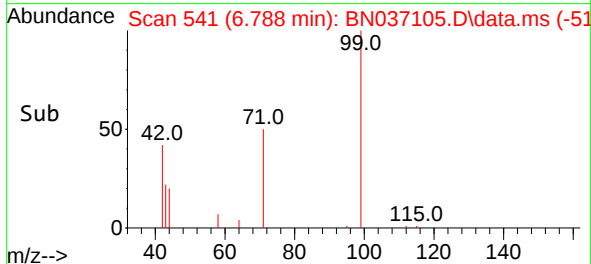
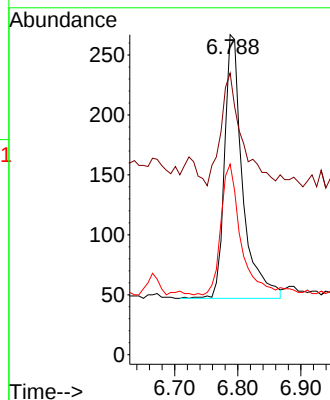
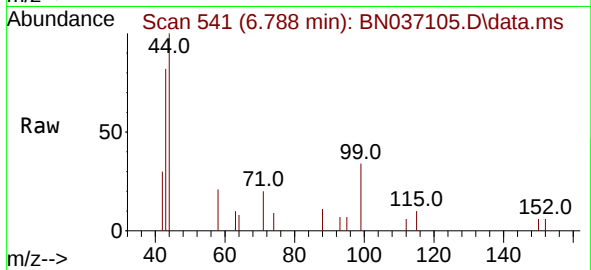




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

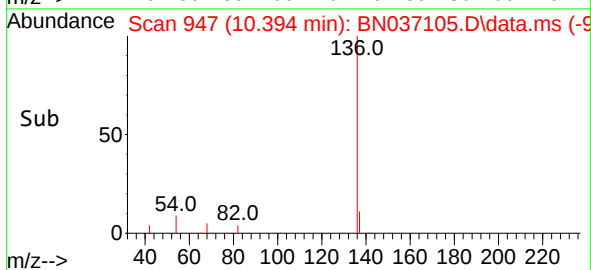
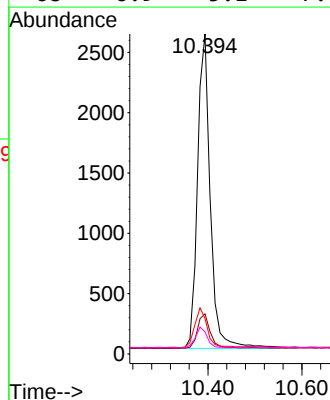
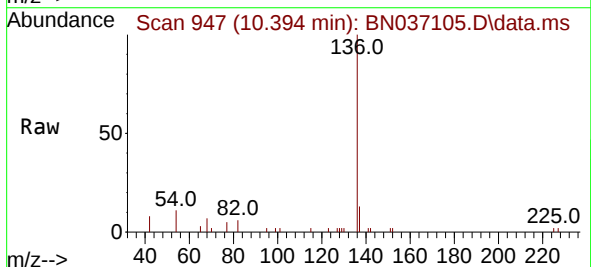
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250522

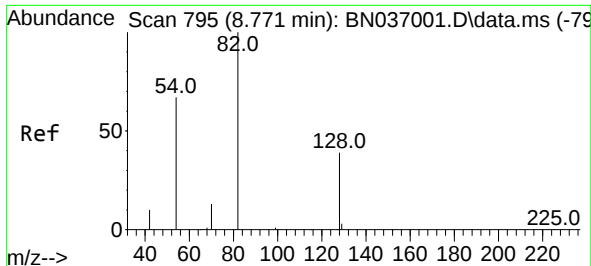
Tgt Ion: 99 Resp: 441
Ion Ratio Lower Upper
99 100
42 49.4 29.3 43.9#
71 53.7 35.7 53.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

Tgt Ion: 136 Resp: 4924
Ion Ratio Lower Upper
136 100
137 12.5 10.4 15.6
54 11.1 8.5 12.7
68 6.9 5.1 7.7

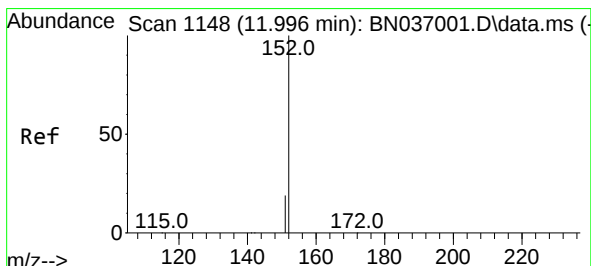
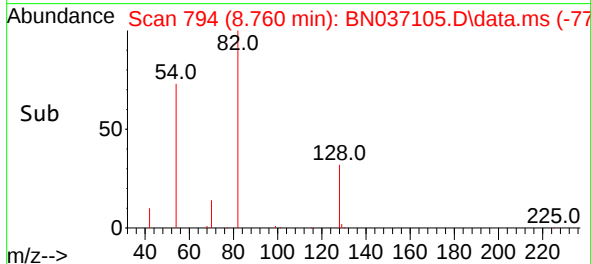
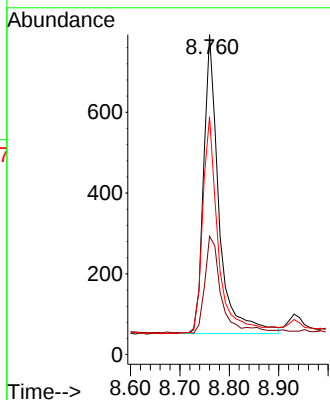
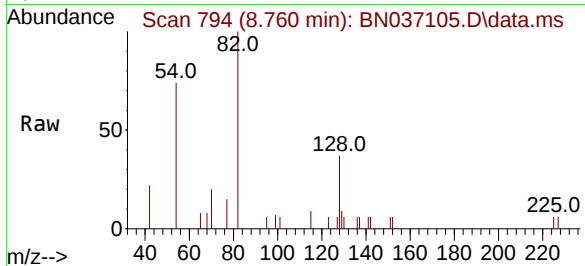




#8
 Nitrobenzene-d5
 Concen: 0.296 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037105.D
 Acq: 28 May 2025 12:29

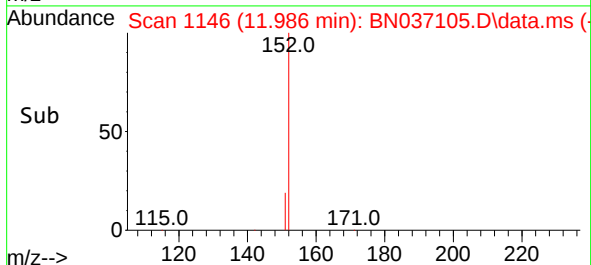
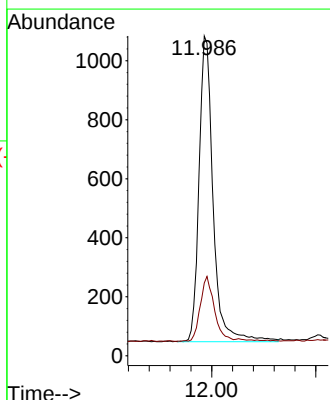
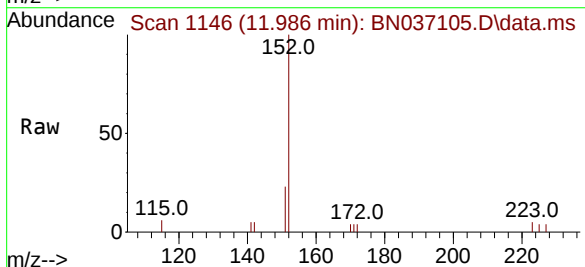
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250522

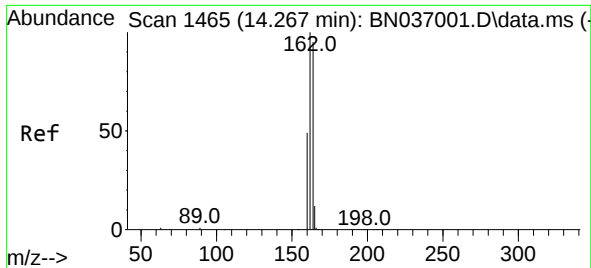
Tgt Ion: 82 Resp: 1589
 Ion Ratio Lower Upper
 82 100
 128 37.0 34.0 51.0
 54 74.4 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.280 ng
 RT: 11.986 min Scan# 1146
 Delta R.T. -0.010 min
 Lab File: BN037105.D
 Acq: 28 May 2025 12:29

Tgt Ion: 152 Resp: 1941
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.5 26.3

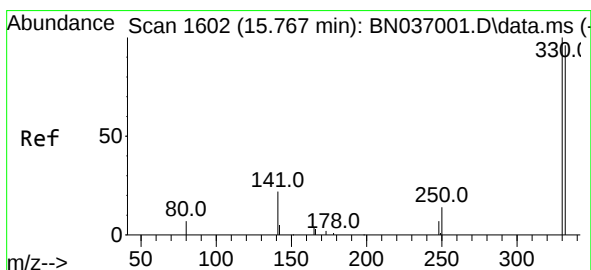
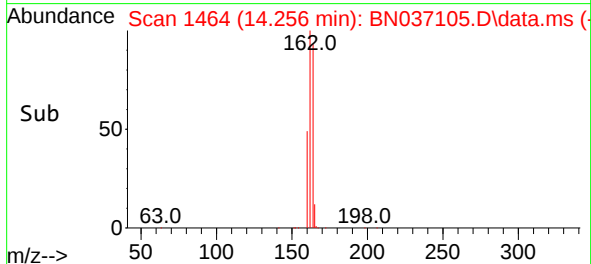
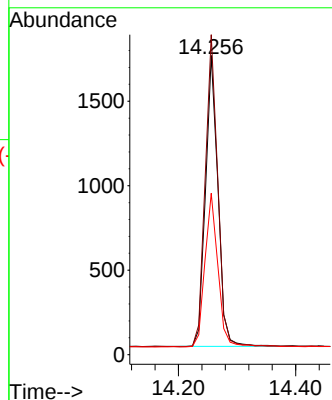
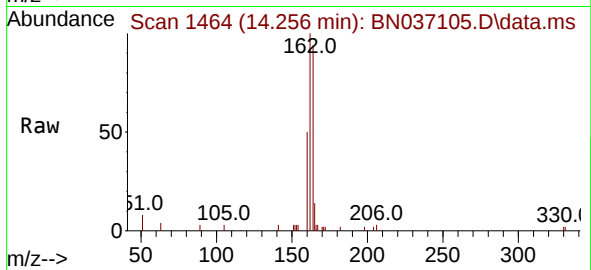




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

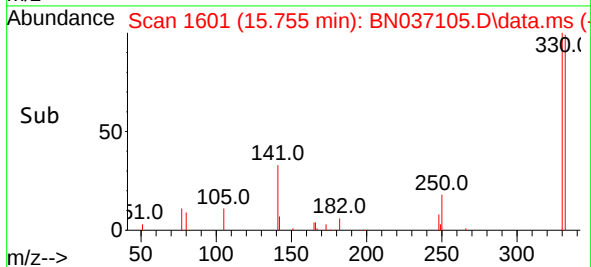
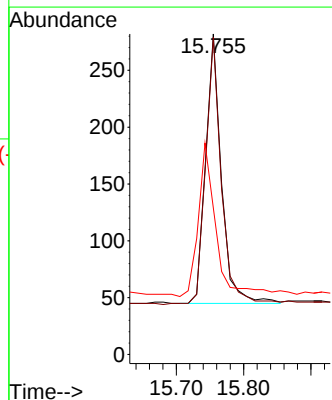
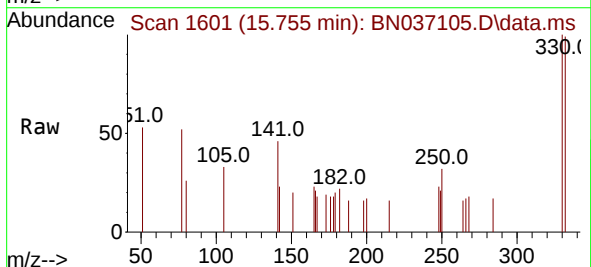
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250522

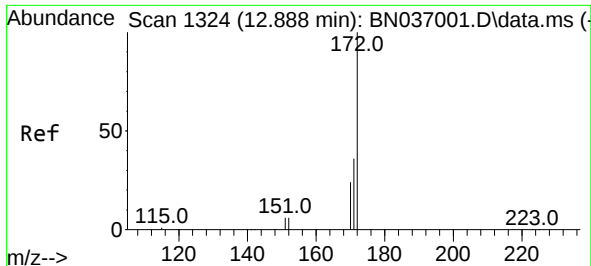
Tgt Ion:164 Resp: 2554
Ion Ratio Lower Upper
164 100
162 106.9 84.2 126.4
160 53.9 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

Tgt Ion:330 Resp: 385
Ion Ratio Lower Upper
330 100
332 101.6 73.8 110.8
141 65.7 43.9 65.9

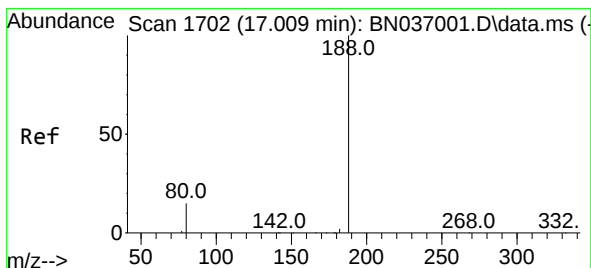
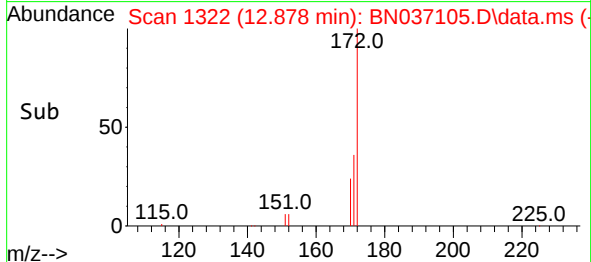
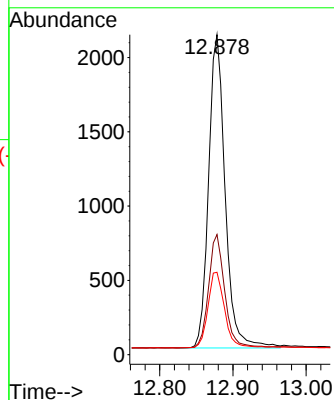
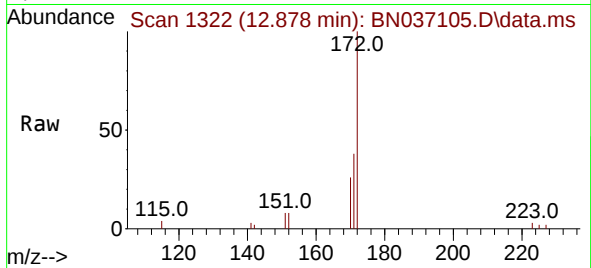




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

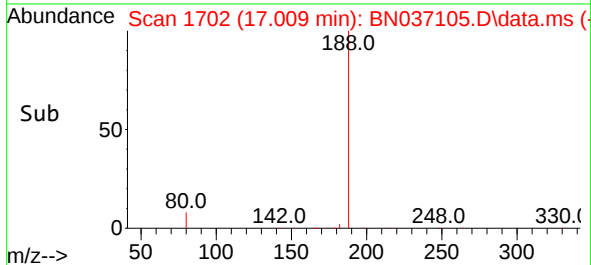
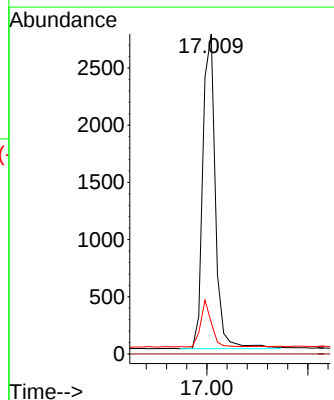
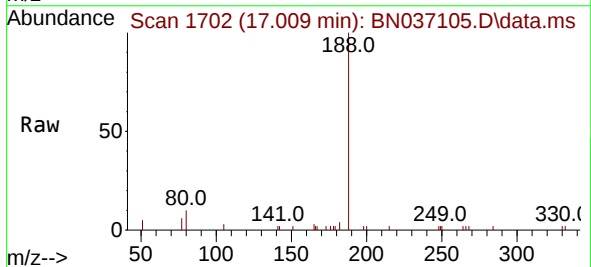
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ClientSampleId :
RW5-SP303-20250522

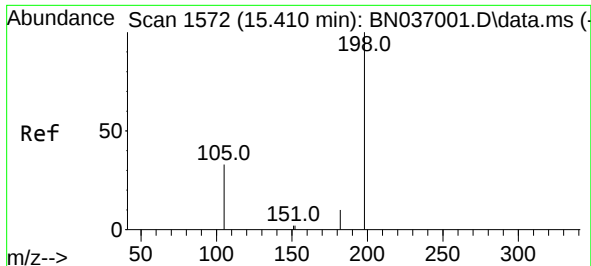
Tgt Ion:172 Resp: 3316
Ion Ratio Lower Upper
172 100
171 37.6 29.2 43.8
170 25.7 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

Tgt Ion:188 Resp: 4806
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 13.4 20.0#

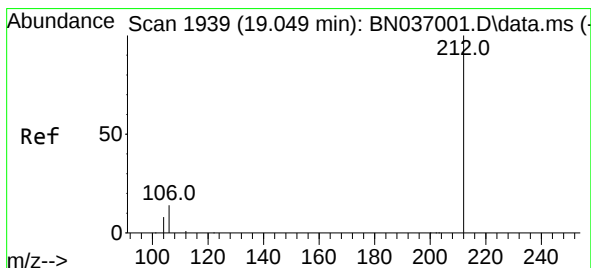
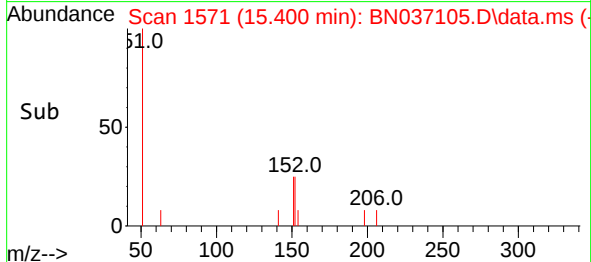
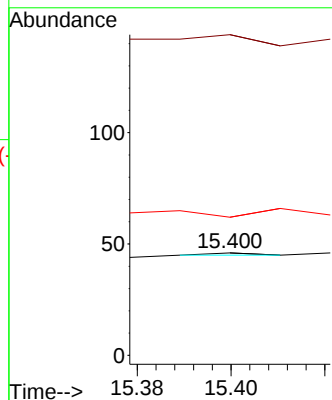
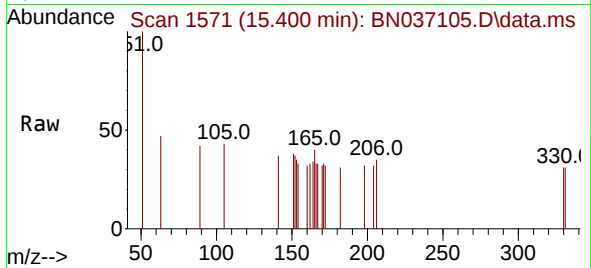




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.400 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

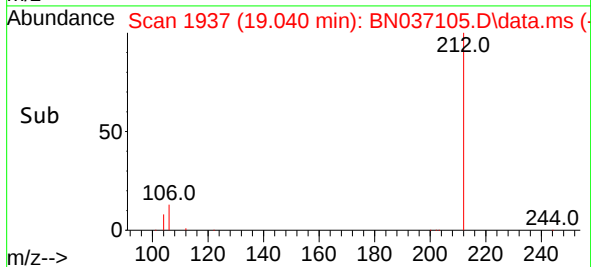
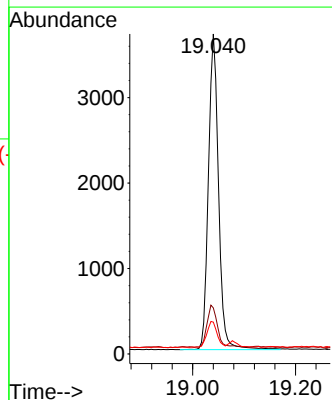
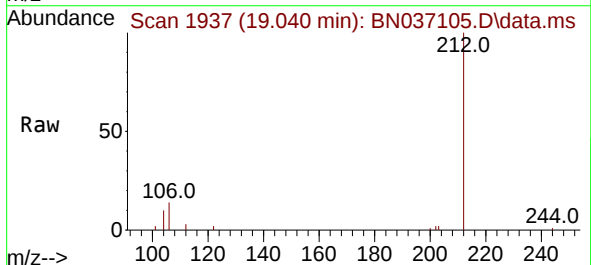
Instrument :
BNA_N
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RW5-SP303-20250522

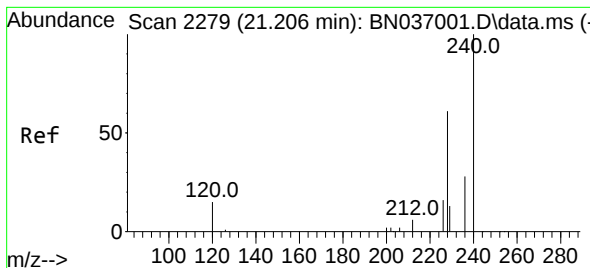
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 313.0 87.8 131.6#
105 134.8 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037105.D
Acq: 28 May 2025 12:29

Tgt Ion:212 Resp: 5041
Ion Ratio Lower Upper
212 100
106 14.1 11.3 16.9
104 8.3 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: BN037105.D

Acq: 28 May 2025 12:29

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250522

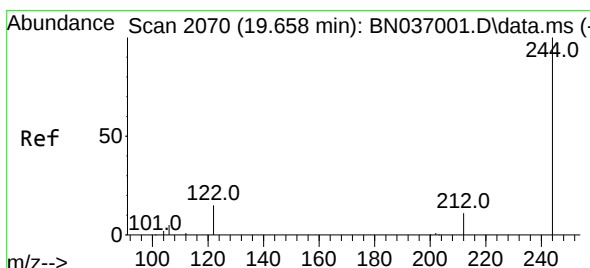
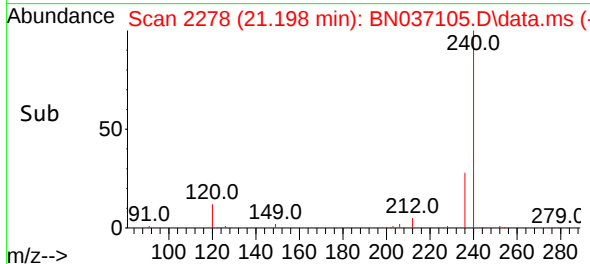
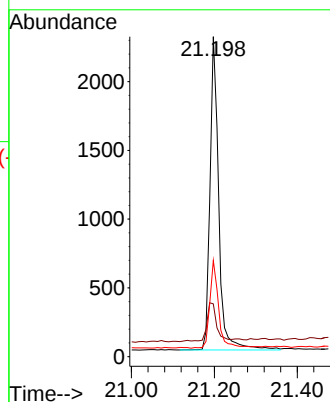
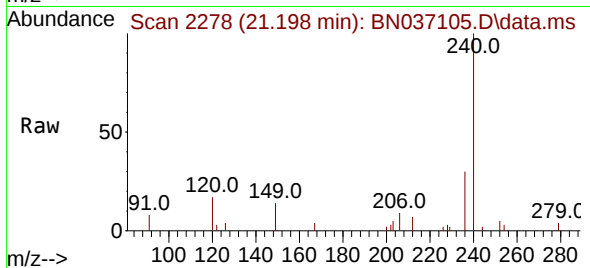
Tgt Ion:240 Resp: 3331

Ion Ratio Lower Upper

240 100

120 16.5 15.1 22.7

236 30.0 24.0 36.0



#31

Terphenyl-d14

Concen: 0.528 ng

RT: 19.644 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN037105.D

Acq: 28 May 2025 12:29

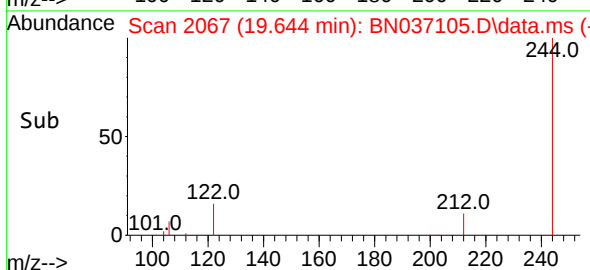
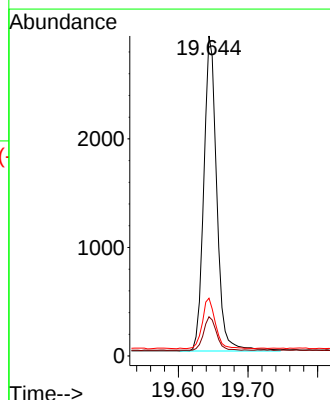
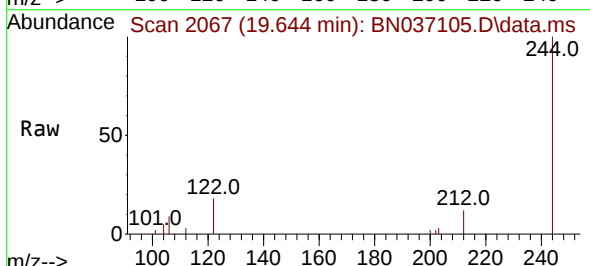
Tgt Ion:244 Resp: 3759

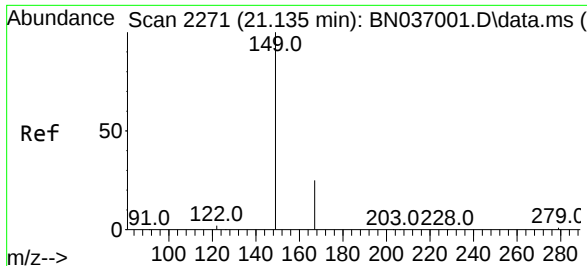
Ion Ratio Lower Upper

244 100

212 12.2 9.7 14.5

122 18.1 13.4 20.0

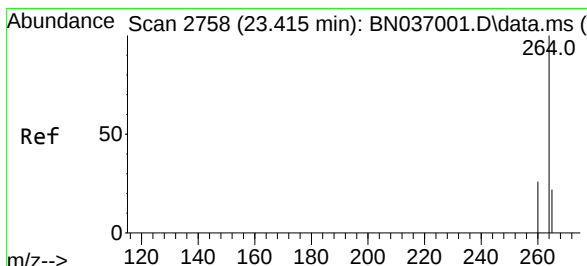
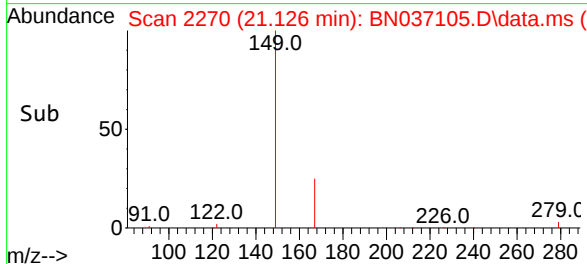
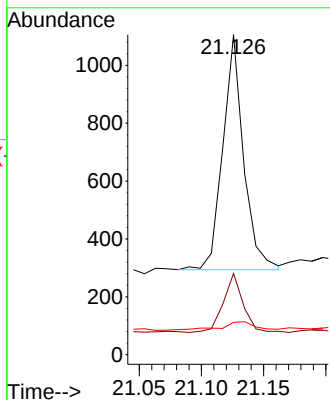
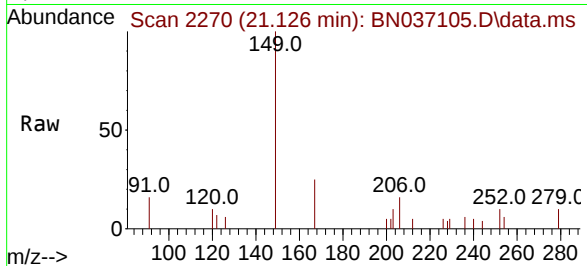




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.126 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037105.D
 Acq: 28 May 2025 12:29

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250522

Tgt Ion:149 Resp: 941
 Ion Ratio Lower Upper
 149 100
 167 23.9 20.6 30.8
 279 5.6 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: BN037105.D
 Acq: 28 May 2025 12:29

Tgt Ion:264 Resp: 3065
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.9 32.9
 265 82.0 51.6 77.4#

