

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037104.D
 Acq On : 28 May 2025 11:53
 Operator : RC/JU
 Sample : Q2119-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250522

Quant Time: May 28 15:35:08 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)

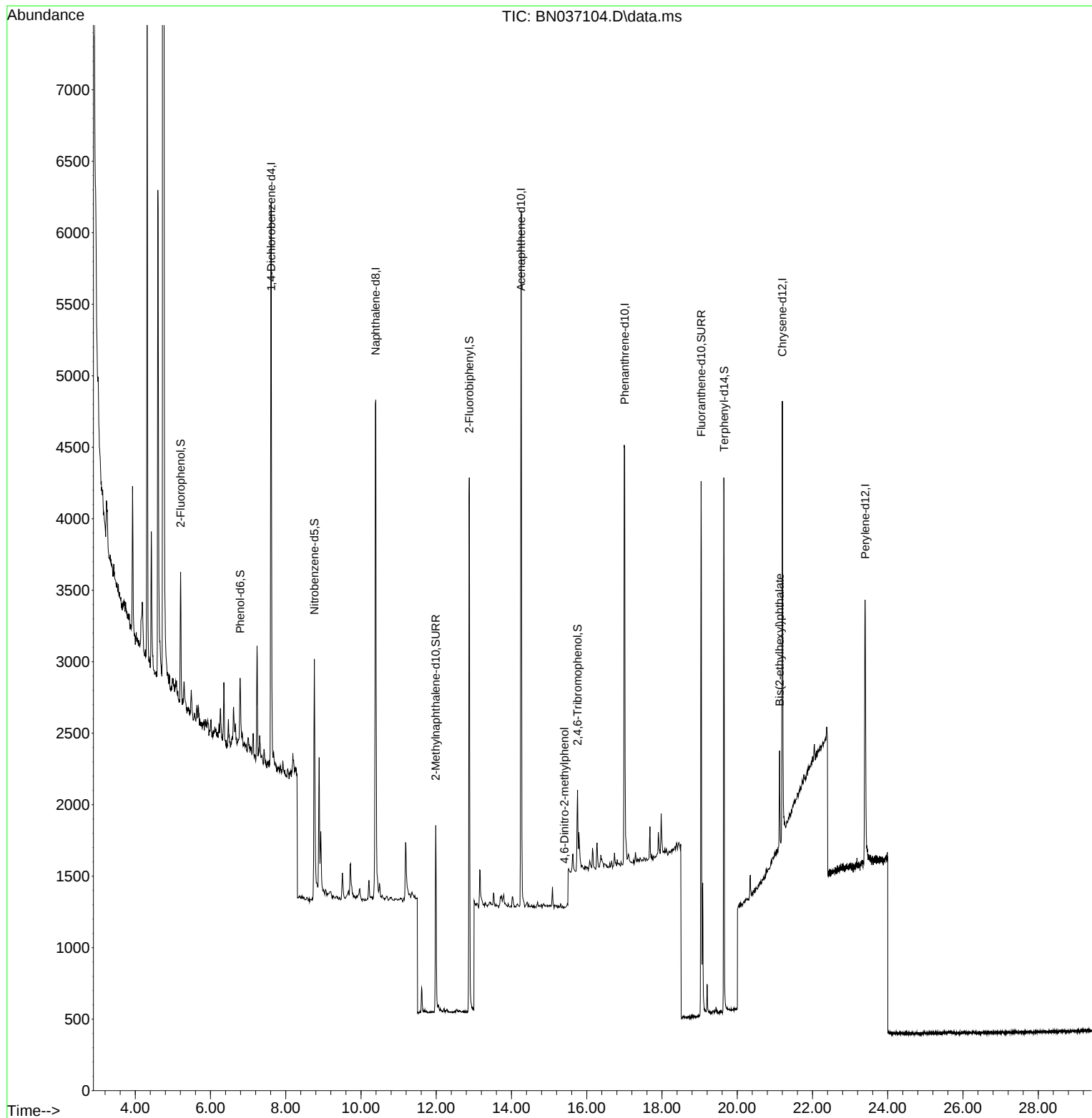
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1938	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4981	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2646	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4789	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	2905	0.400	ng	0.00
35) Perylene-d12	23.401	264	2625	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	609	0.120	ng	0.00
5) Phenol-d6	6.788	99	408	0.064	ng	0.00
8) Nitrobenzene-d5	8.760	82	1541	0.284	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1943	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	328	0.282	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3445	0.284	ng	0.00
27) Fluoranthene-d10	19.040	212	4292	0.327	ng	0.00
31) Terphenyl-d14	19.649	244	3600	0.579	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.411	198	1	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	652	0.097	ng	# 95

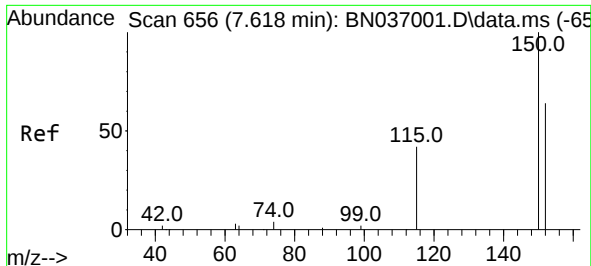
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP201-20250522

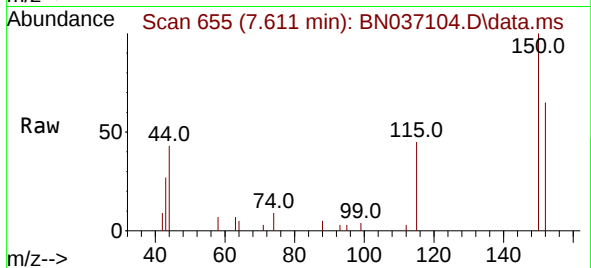
Quant Time: May 28 15:35:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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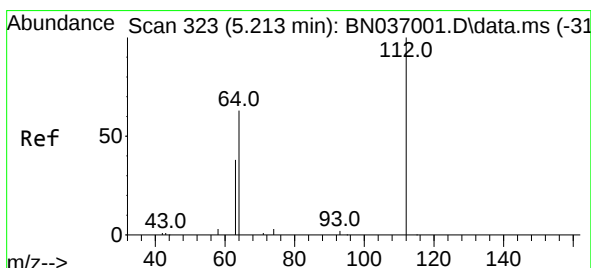
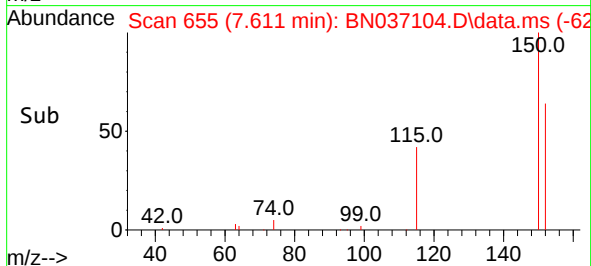
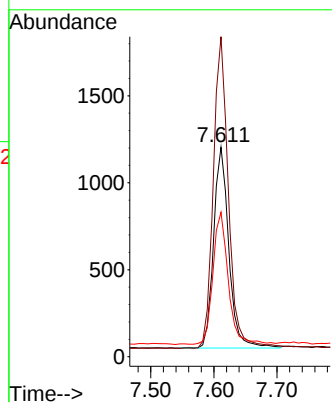


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250522

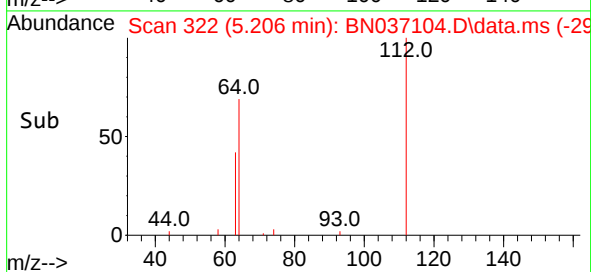
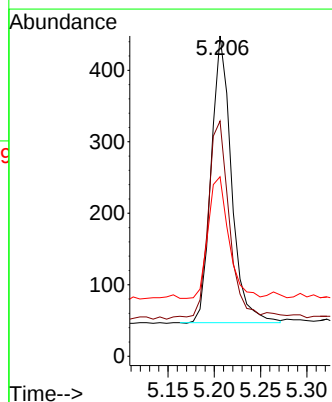
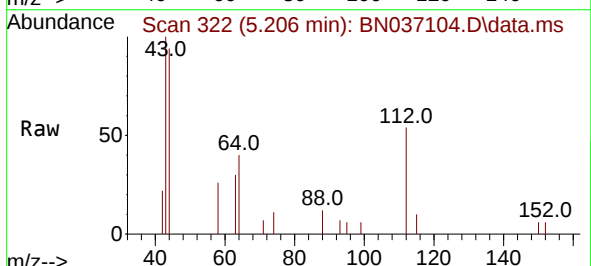


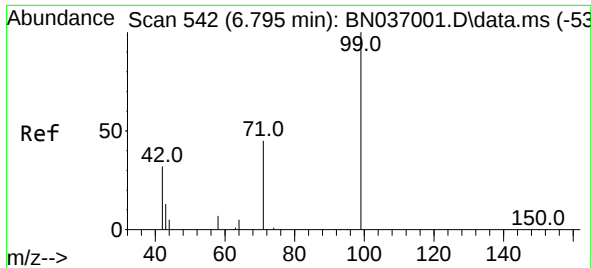
Tgt Ion:152 Resp: 1938
Ion Ratio Lower Upper
152 100
150 152.8 123.9 185.9
115 69.0 55.8 83.8



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion:112 Resp: 609
Ion Ratio Lower Upper
112 100
64 75.2 55.7 83.5
63 43.2 34.6 51.8

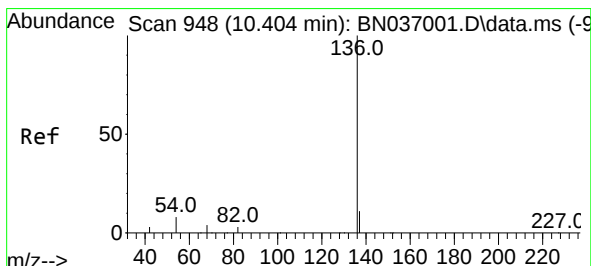
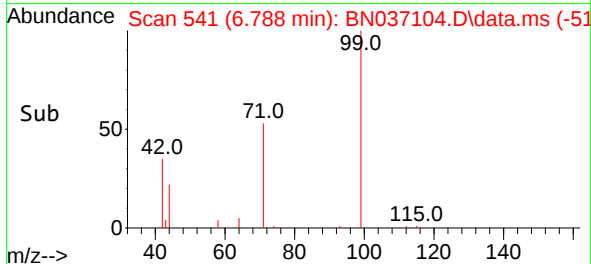
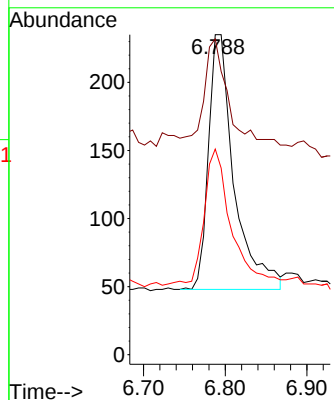
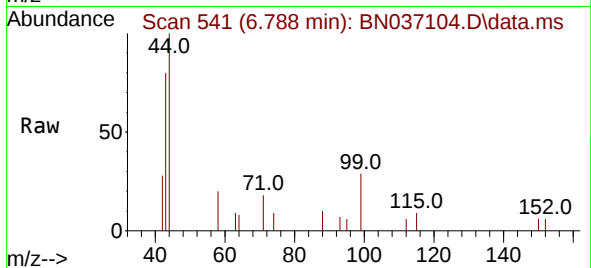




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

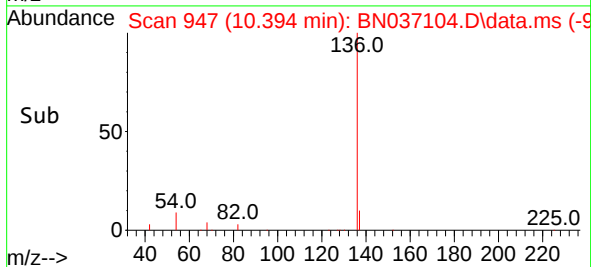
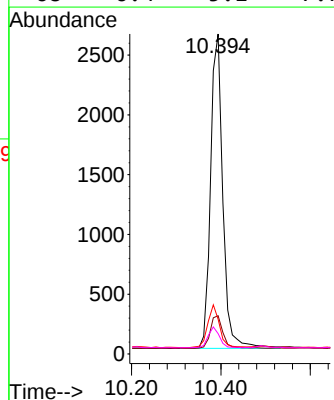
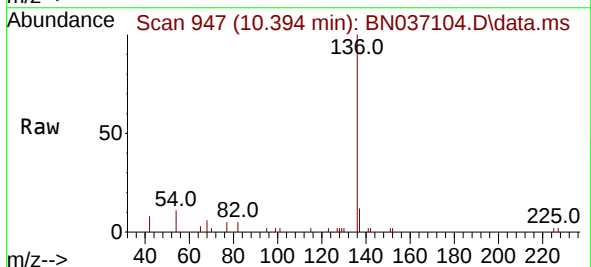
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250522

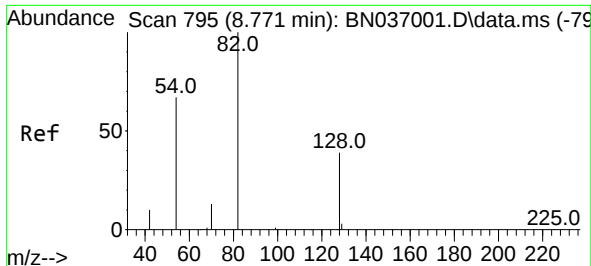
Tgt Ion: 99 Resp: 408
Ion Ratio Lower Upper
99 100
42 45.3 29.3 43.9#
71 56.6 35.7 53.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion: 136 Resp: 4981
Ion Ratio Lower Upper
136 100
137 12.0 10.4 15.6
54 10.9 8.5 12.7
68 6.4 5.1 7.7

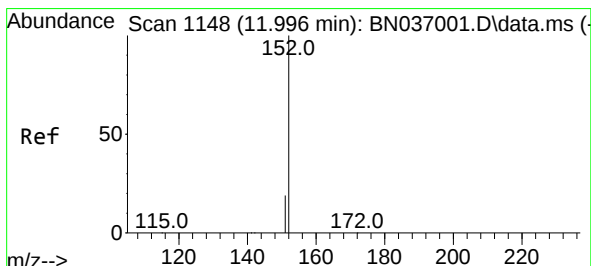
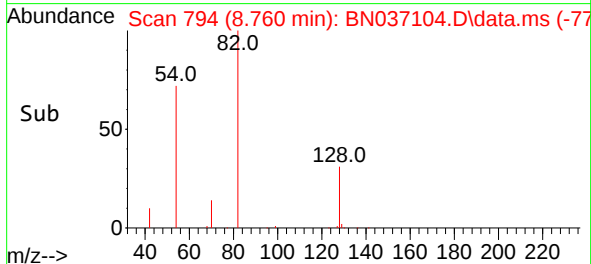
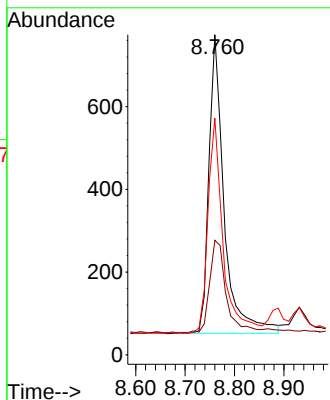
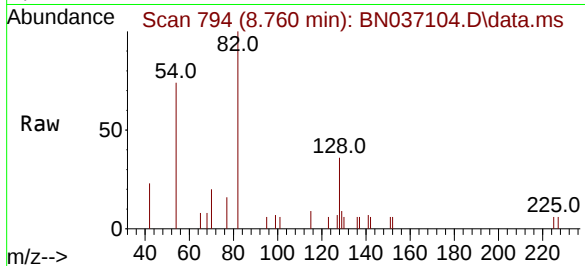




#8
 Nitrobenzene-d5
 Concen: 0.284 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037104.D
 Acq: 28 May 2025 11:53

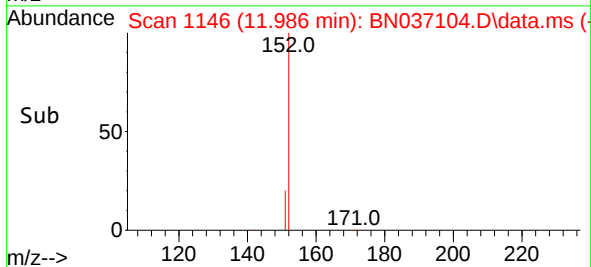
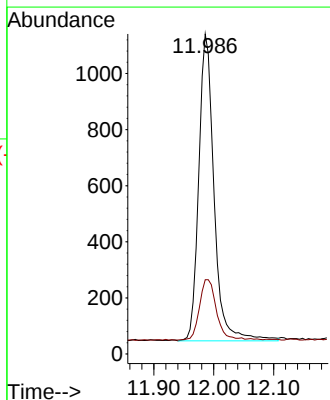
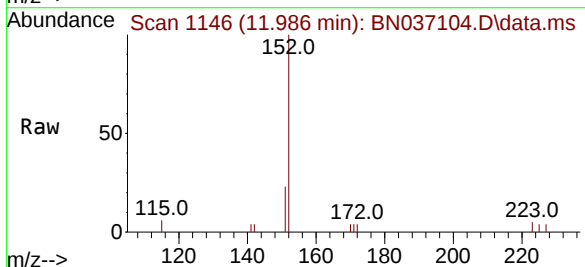
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250522

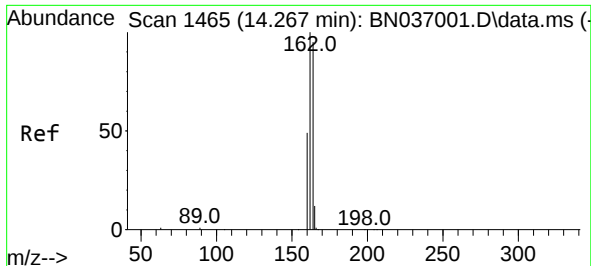
Tgt Ion:	82	Resp:	1541
Ion	Ratio	Lower	Upper
82	100		
128	35.8	34.0	51.0
54	73.9	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.277 ng
 RT: 11.986 min Scan# 1146
 Delta R.T. -0.010 min
 Lab File: BN037104.D
 Acq: 28 May 2025 11:53

Tgt Ion:	152	Resp:	1943
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3

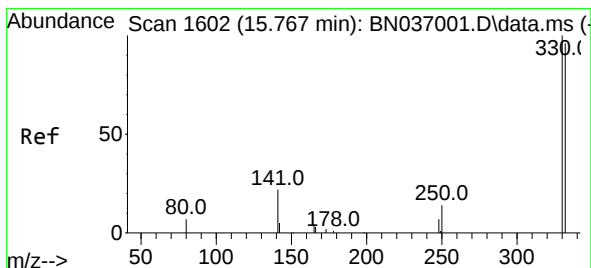
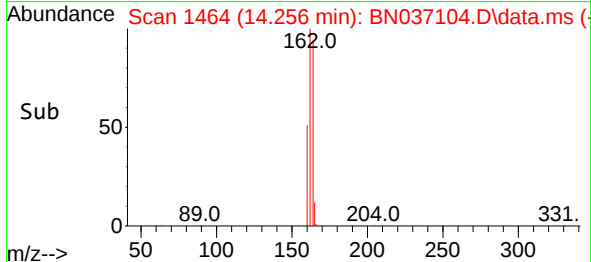
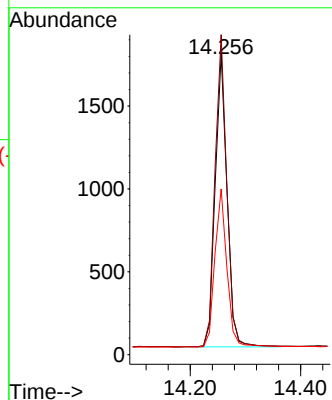
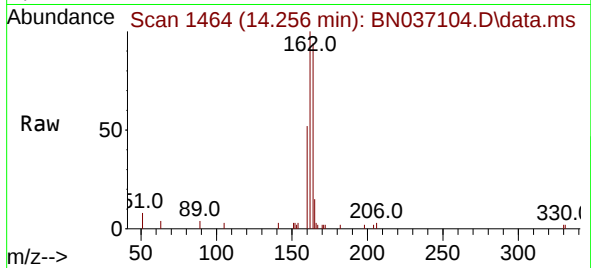




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

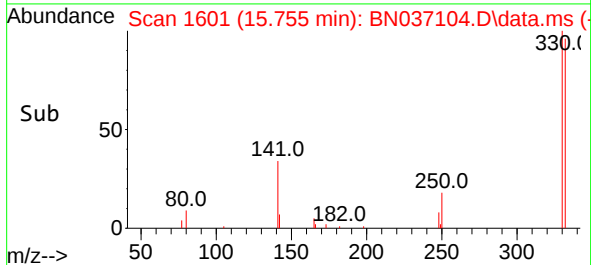
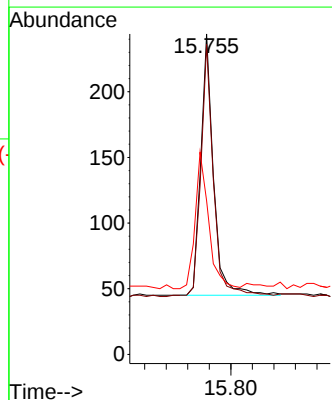
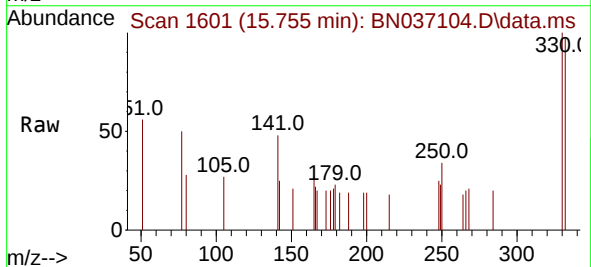
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250522

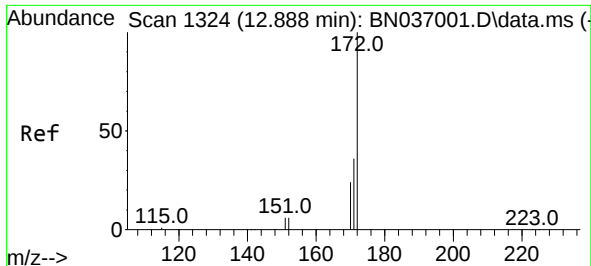
Tgt Ion:164 Resp: 2646
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.4
160 55.1 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion:330 Resp: 328
Ion Ratio Lower Upper
330 100
332 96.3 73.8 110.8
141 55.5 43.9 65.9

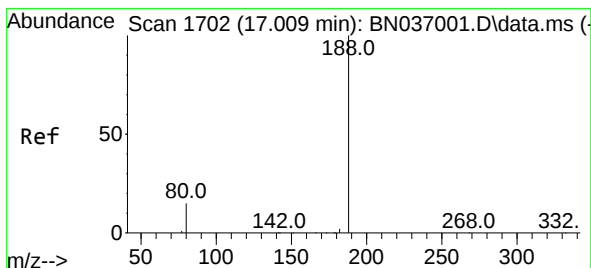
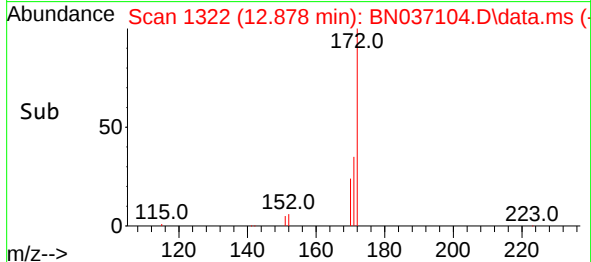
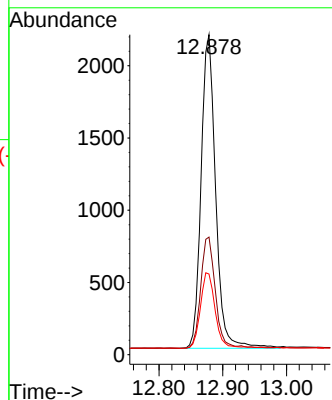
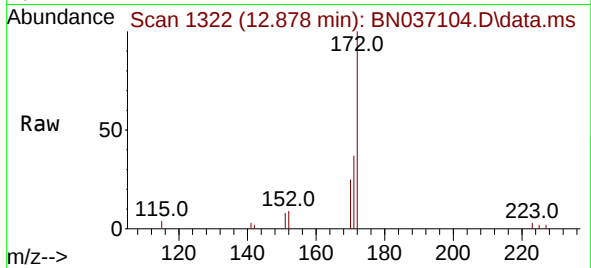




#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

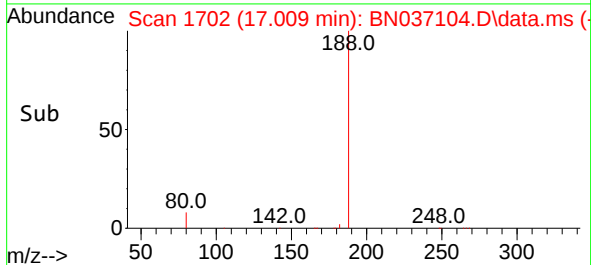
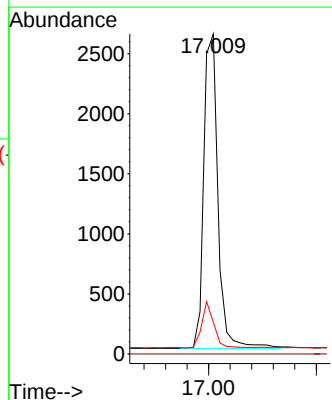
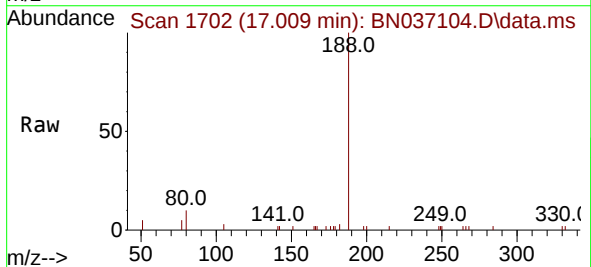
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ClientSampleId :
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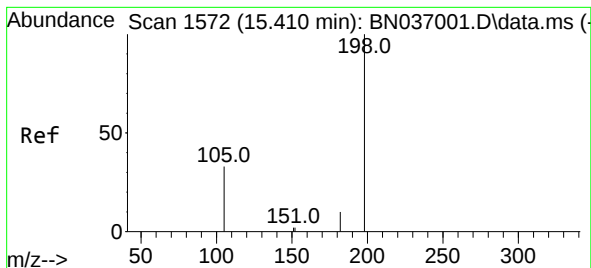
Tgt Ion:172 Resp: 3445
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 25.2 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion:188 Resp: 4789
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 13.4 20.0#

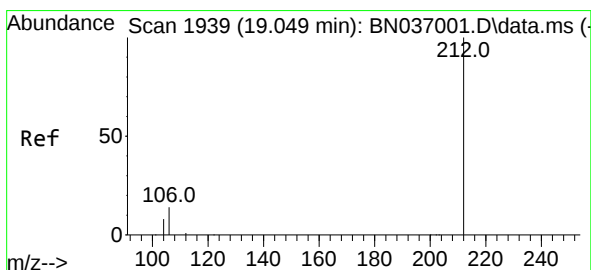
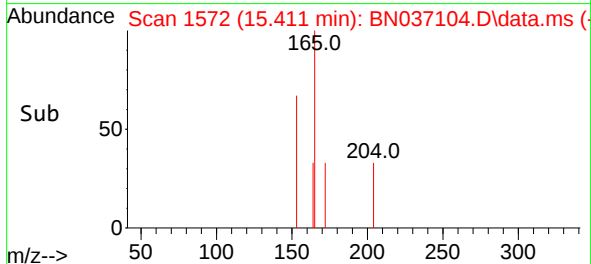
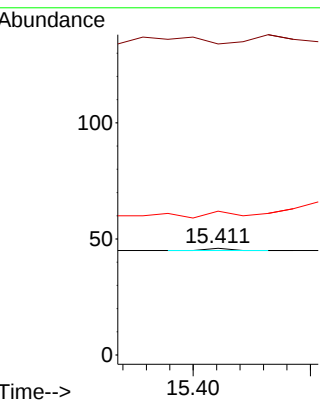
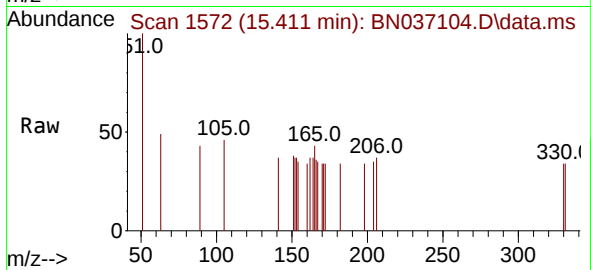




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.411 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

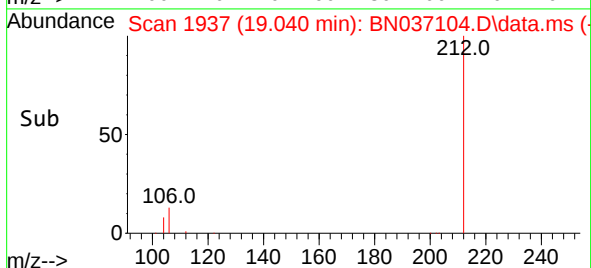
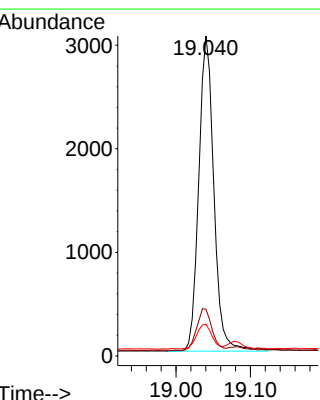
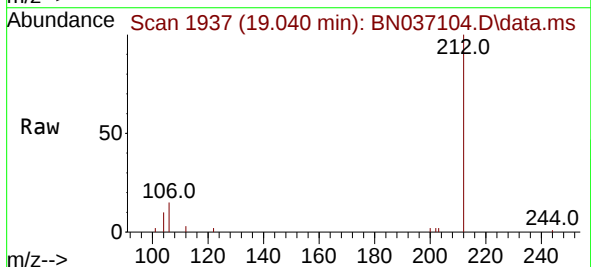
Instrument :
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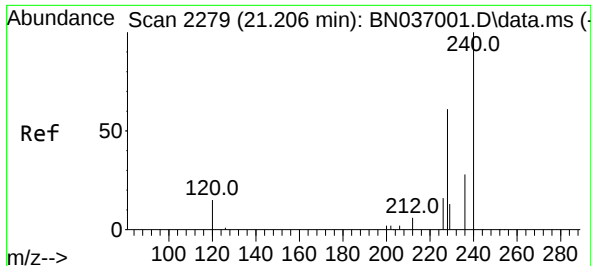
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 291.3 87.8 131.6#
105 134.8 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion:212 Resp: 4292
Ion Ratio Lower Upper
212 100
106 13.2 11.3 16.9
104 8.0 6.7 10.1

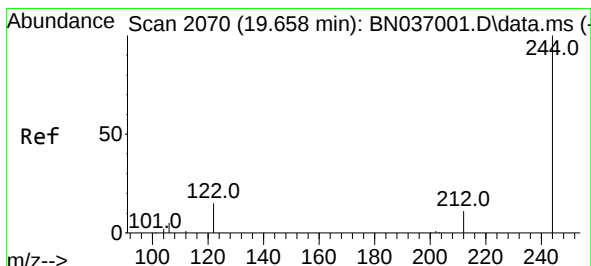
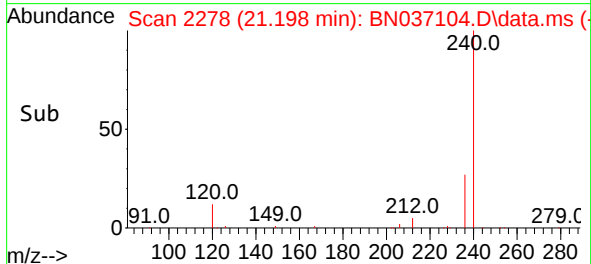
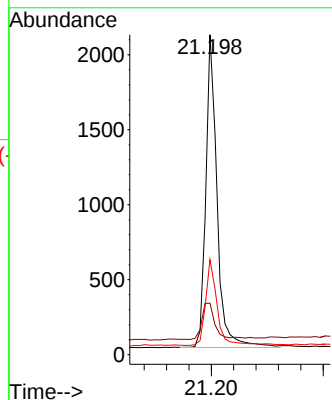
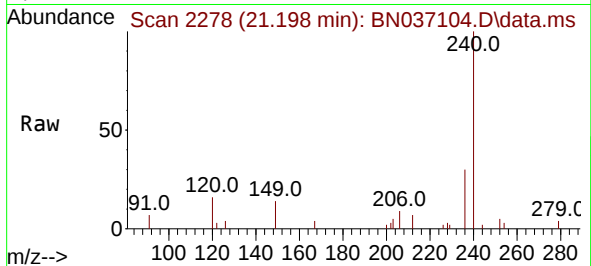




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

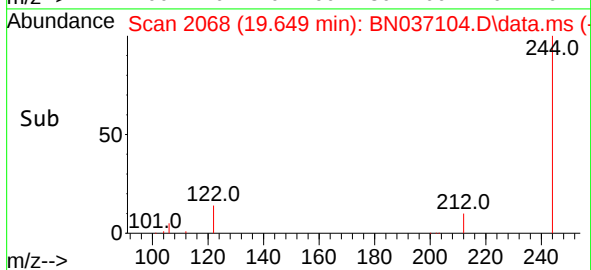
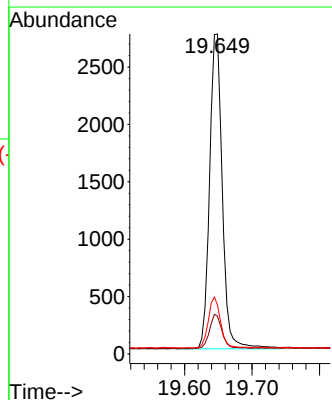
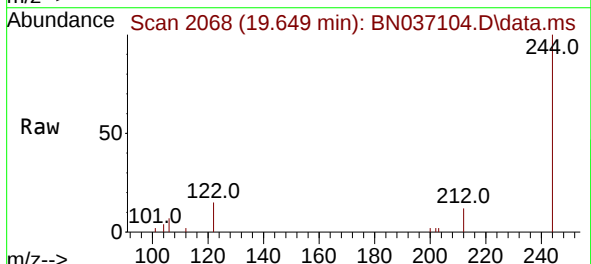
Instrument :
BNA_N
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RW5-SP201-20250522

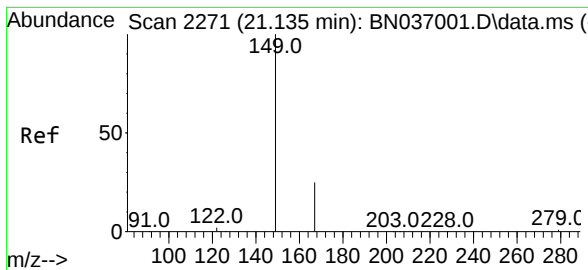
Tgt Ion:240 Resp: 2905
Ion Ratio Lower Upper
240 100
120 16.1 15.1 22.7
236 29.7 24.0 36.0



#31
Terphenyl-d14
Concen: 0.579 ng
RT: 19.649 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion:244 Resp: 3600
Ion Ratio Lower Upper
244 100
212 11.8 9.7 14.5
122 15.2 13.4 20.0

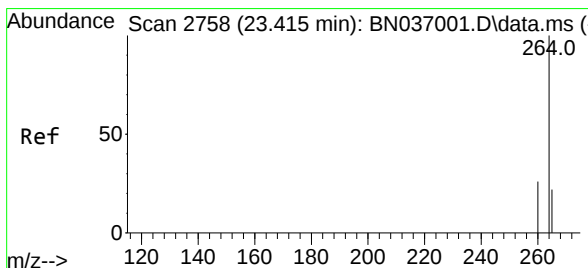
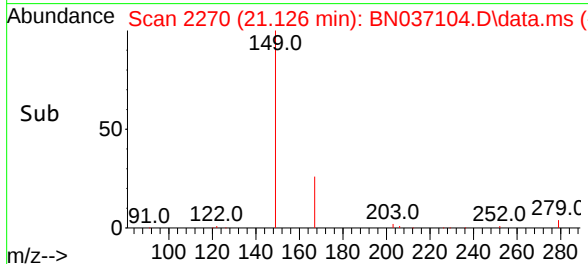
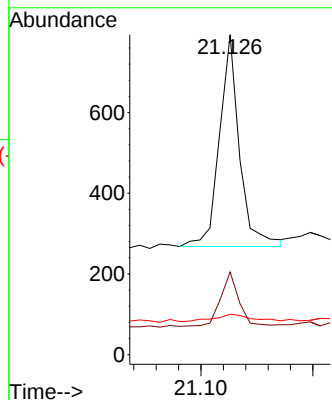
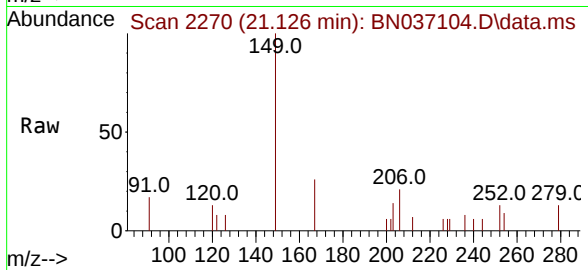




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.126 min Scan# 2110
Delta R.T. -0.009 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250522

Tgt Ion:149 Resp: 652
Ion Ratio Lower Upper
149 100
167 23.5 20.6 30.8
279 6.9 2.6 3.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.401 min Scan# 2753
Delta R.T. -0.014 min
Lab File: BN037104.D
Acq: 28 May 2025 11:53

Tgt Ion:264 Resp: 2625
Ion Ratio Lower Upper
264 100
260 27.9 21.9 32.9
265 83.6 51.6 77.4#

