

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037097.D
 Acq On : 27 May 2025 21:12
 Operator : RC/JU
 Sample : Q2119-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522

Quant Time: May 28 14:45:49 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)

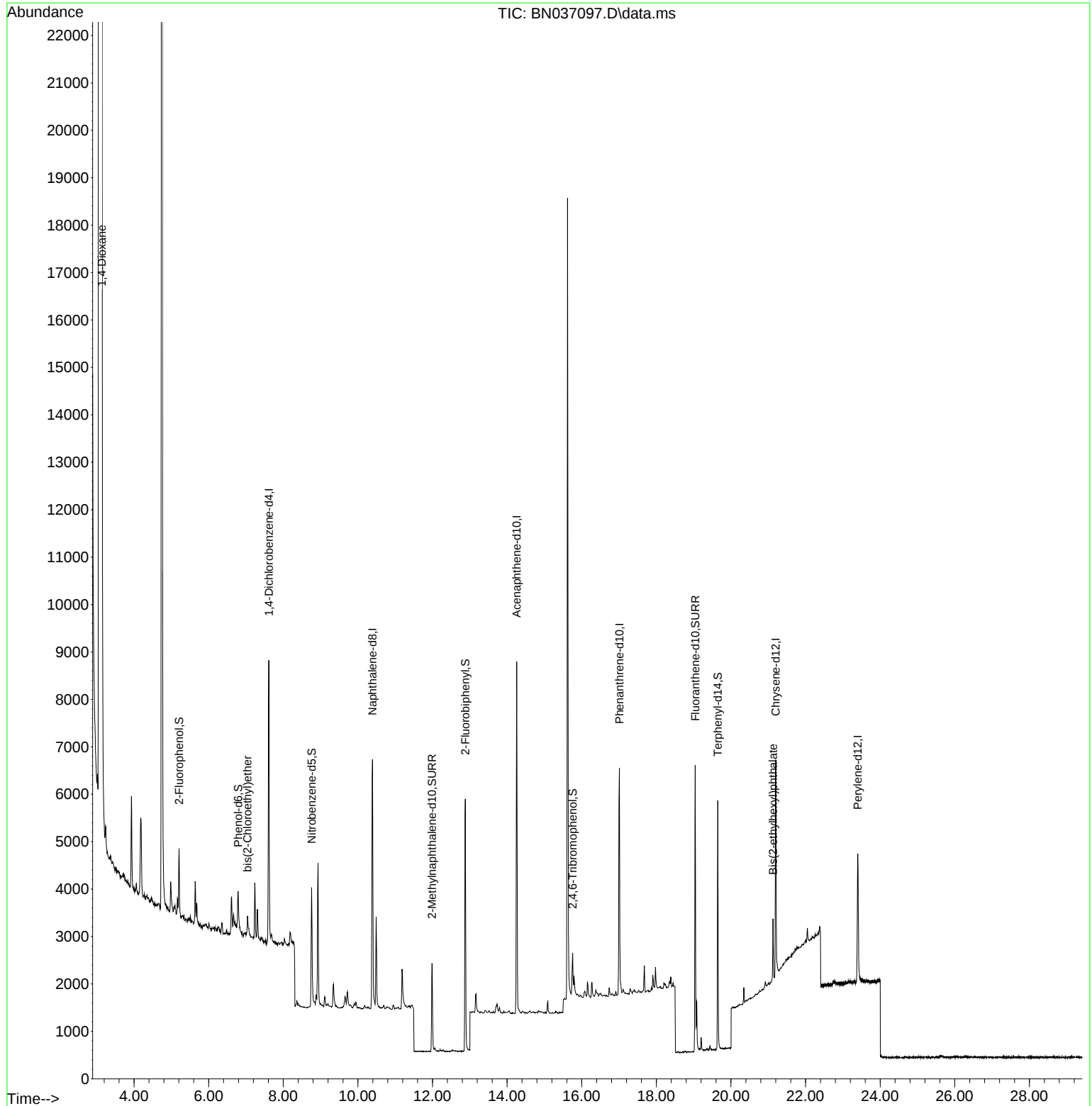
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.611	152	2703	0.400 ng	0.00
7) Naphthalene-d8	10.394	136	7174	0.400 ng	-0.01
13) Acenaphthene-d10	14.256	164	3973	0.400 ng	-0.01
19) Phenanthrene-d10	17.009	188	7164	0.400 ng	# 0.00
29) Chrysene-d12	21.198	240	4436	0.400 ng	0.00
35) Perylene-d12	23.398	264	3806	0.400 ng	#-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.206	112	915	0.129 ng	0.00
5) Phenol-d6	6.788	99	659	0.074 ng	0.00
8) Nitrobenzene-d5	8.760	82	2162	0.277 ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2783	0.276 ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	486	0.279 ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5292	0.291 ng	0.00
27) Fluoranthene-d10	19.040	212	6452	0.328 ng	0.00
31) Terphenyl-d14	19.644	244	4937	0.520 ng	-0.01
Target Compounds					
					Qvalue
2) 1,4-Dioxane	3.133	88	17841	5.379 ng	96
6) bis(2-Chloroethyl)ether	7.041	93	295	0.036 ng	86
34) Bis(2-ethylhexyl)phtha...	21.126	149	1256	0.122 ng	97

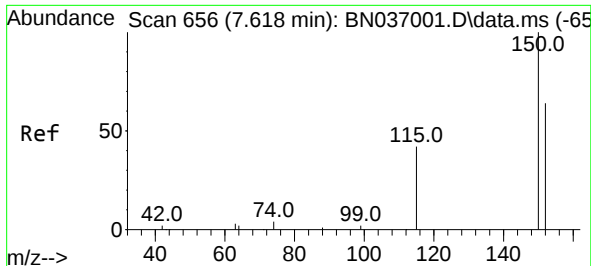
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
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Misc :
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Instrument :
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RW5-SP100-20250522

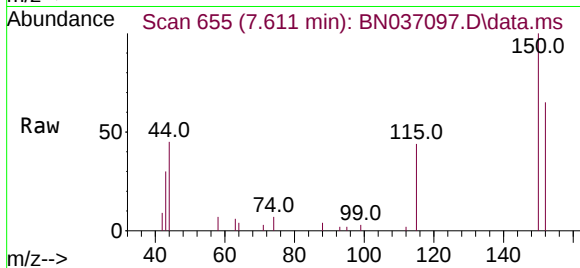
Quant Time: May 28 14:45:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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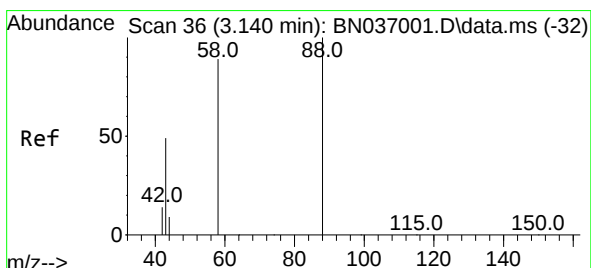
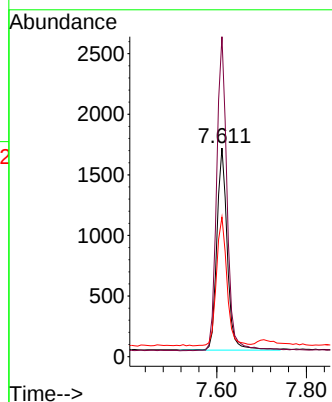
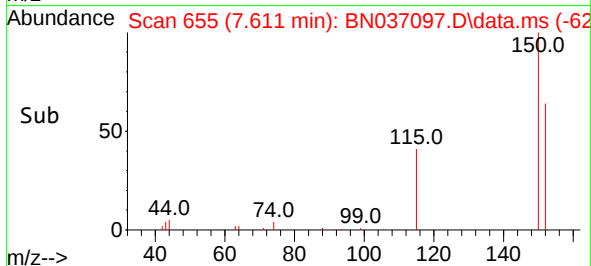
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037097.D
 Acq: 27 May 2025 21:12

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522

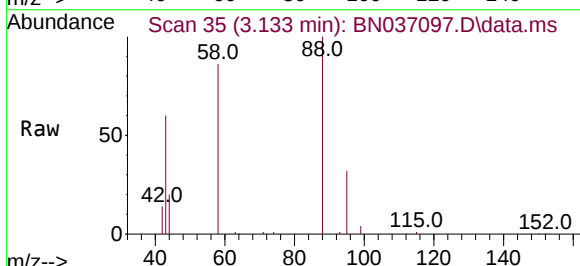


Tgt Ion:152 Resp: 2703

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.9	185.9
115	66.9	55.8	83.8

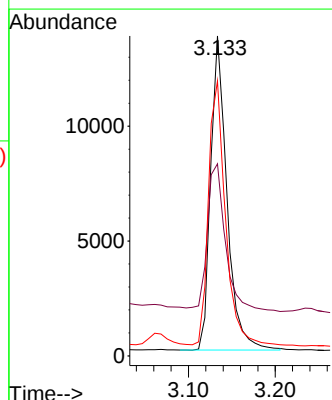
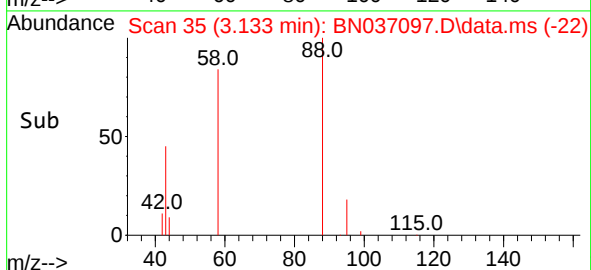


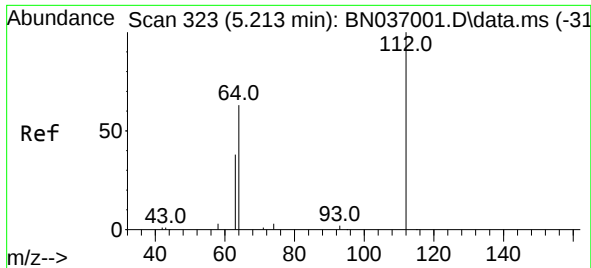
#2
 1,4-Dioxane
 Concen: 5.379 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037097.D
 Acq: 27 May 2025 21:12



Tgt Ion: 88 Resp: 17841

Ion	Ratio	Lower	Upper
88	100		
43	52.7	37.4	56.0
58	86.8	68.8	103.2

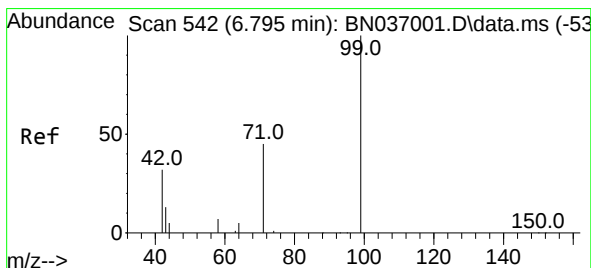
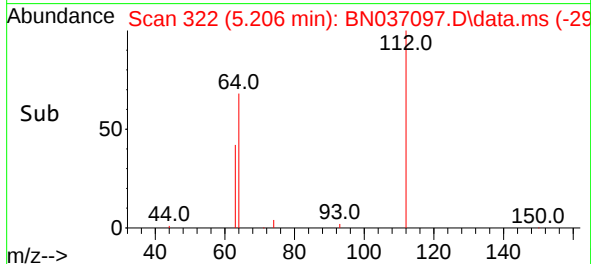
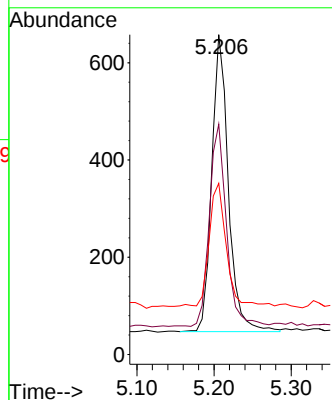
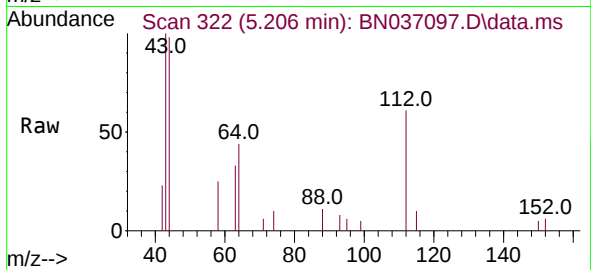




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

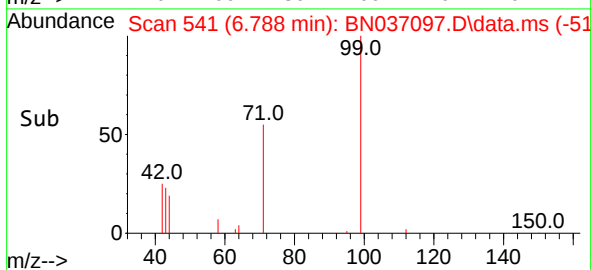
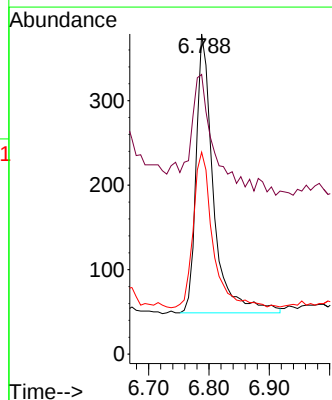
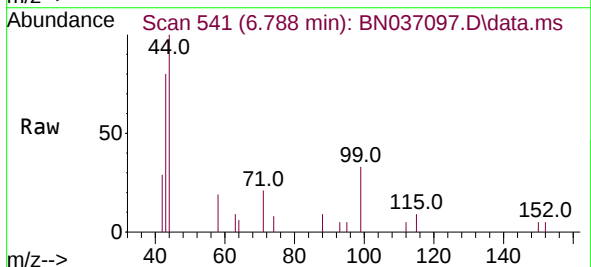
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

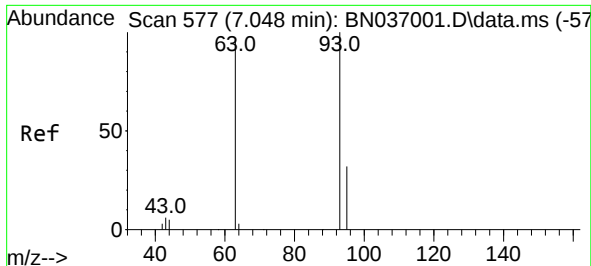
Tgt Ion:112 Resp: 915
Ion Ratio Lower Upper
112 100
64 71.1 55.7 83.5
63 44.2 34.6 51.8



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

Tgt Ion: 99 Resp: 659
Ion Ratio Lower Upper
99 100
42 51.3 29.3 43.9#
71 63.3 35.7 53.5#

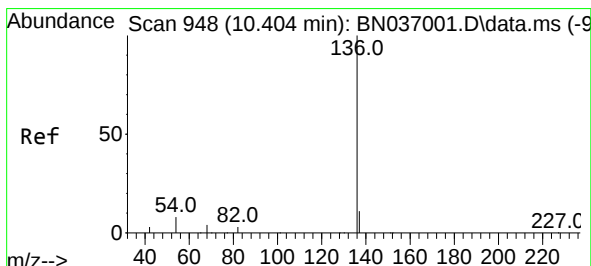
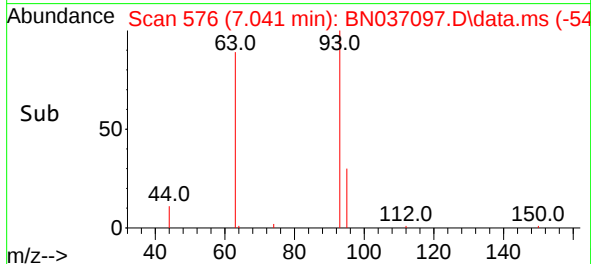
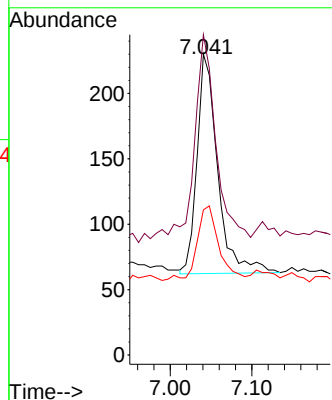
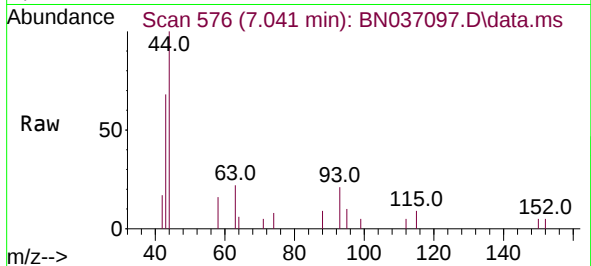




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.041 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

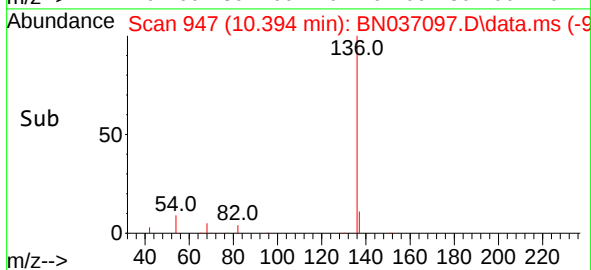
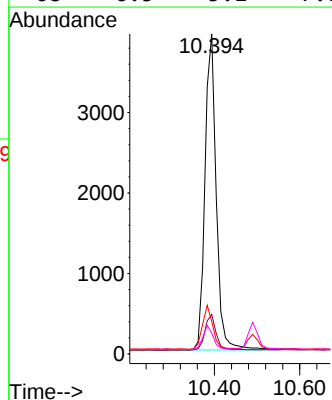
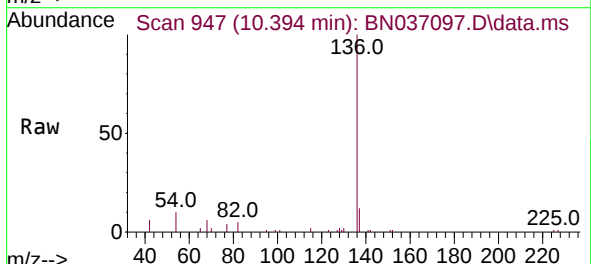
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

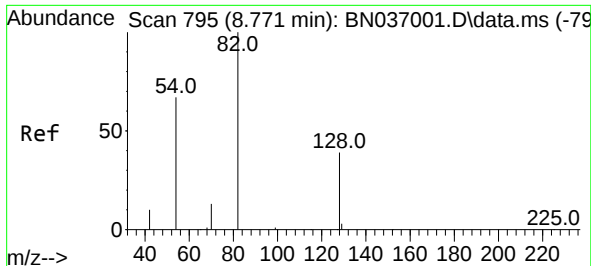
Tgt Ion:	93	Resp:	295
Ion	Ratio	Lower	Upper
93	100		
63	103.4	70.1	105.1
95	35.9	26.2	39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.010 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

Tgt Ion:	136	Resp:	7174
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	10.2	8.5	12.7
68	6.5	5.1	7.7

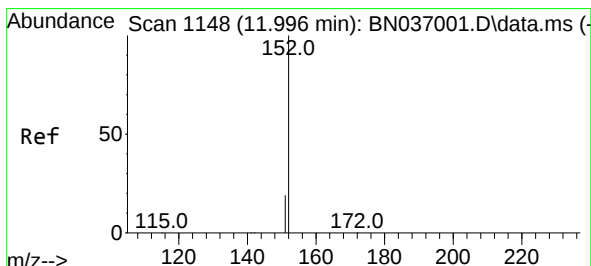
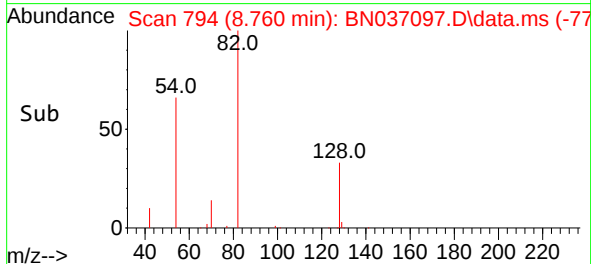
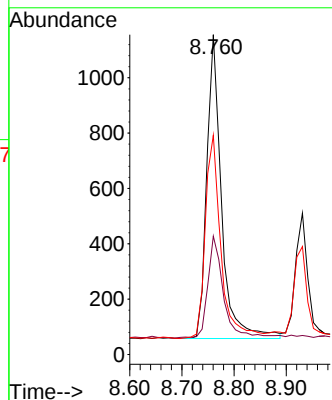
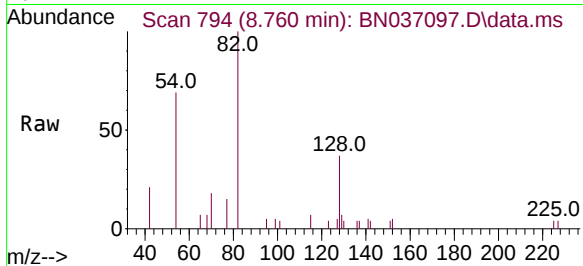




#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.010 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

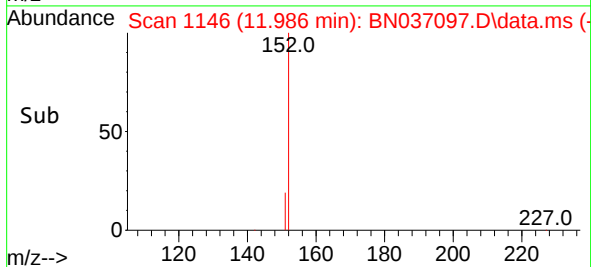
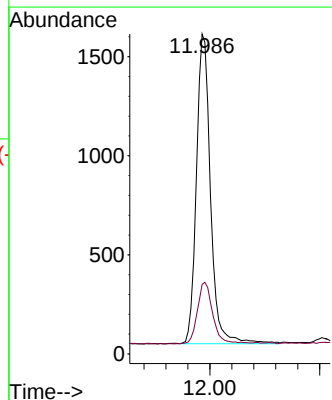
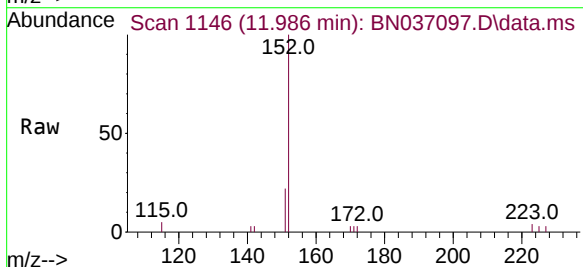
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

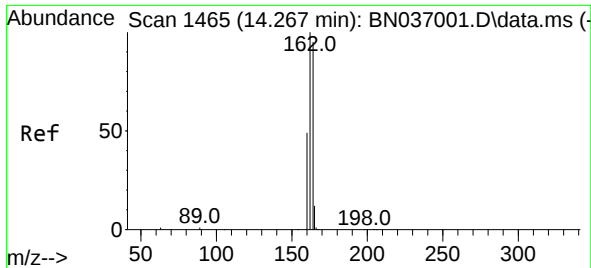
Tgt Ion:	82	Resp:	2162
Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.0	51.0
54	68.5	55.0	82.4



#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

Tgt Ion:	152	Resp:	2783
Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.5	26.3

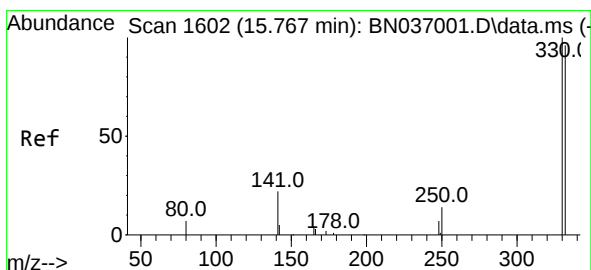
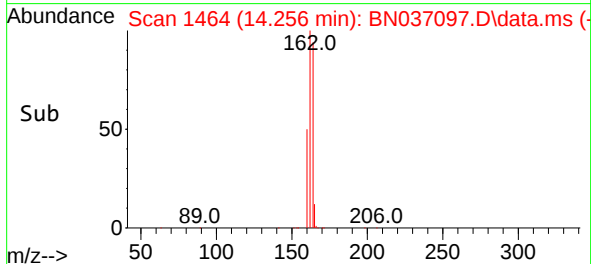
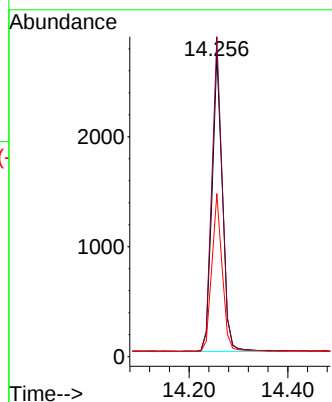
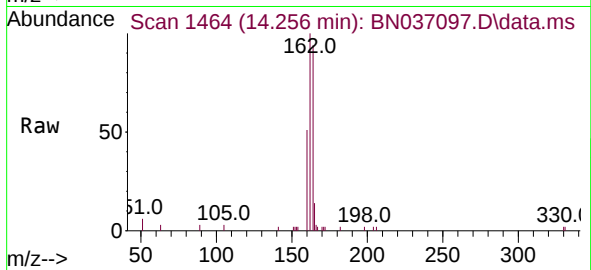




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

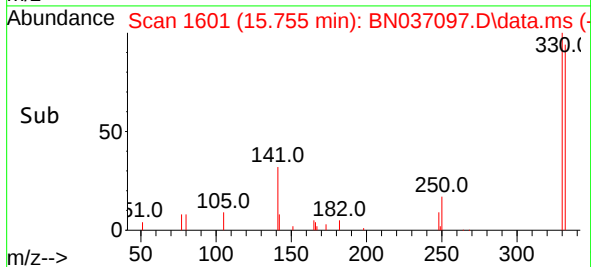
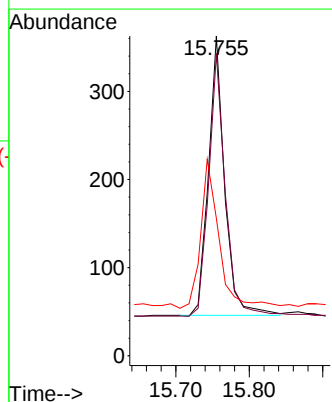
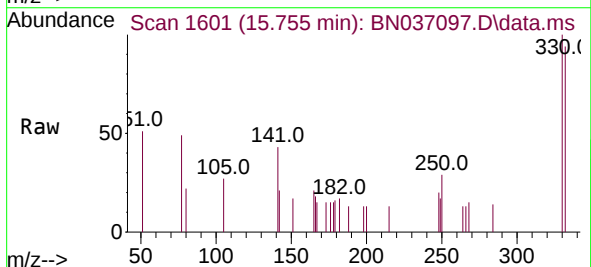
Instrument :
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ClientSampleId :
RW5-SP100-20250522

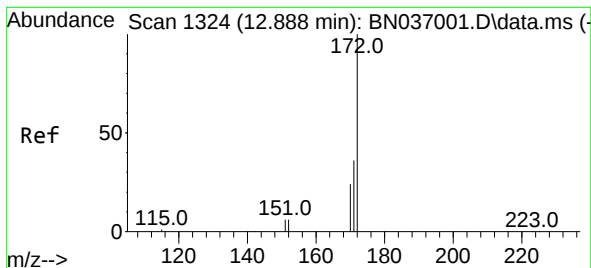
Tgt Ion:164 Resp: 3973
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 54.0 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

Tgt Ion:330 Resp: 486
Ion Ratio Lower Upper
330 100
332 97.3 73.8 110.8
141 61.3 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.291 ng

RT: 12.878 min Scan# 1322

Delta R.T. -0.010 min

Lab File: BN037097.D

Acq: 27 May 2025 21:12

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250522

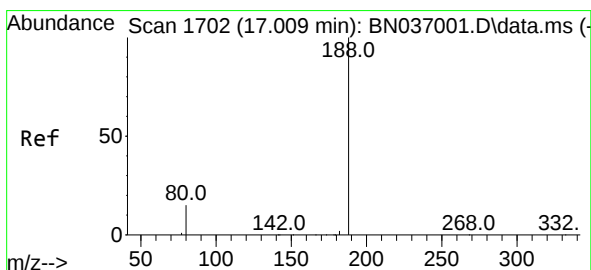
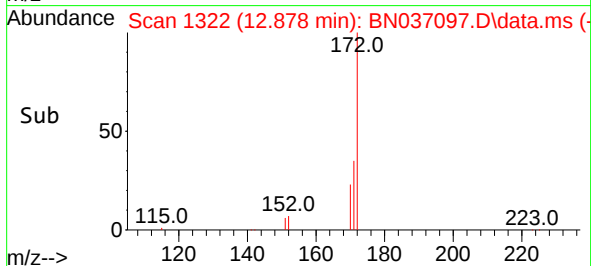
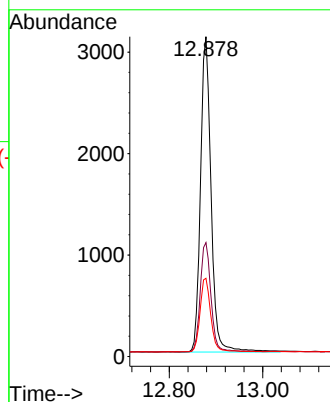
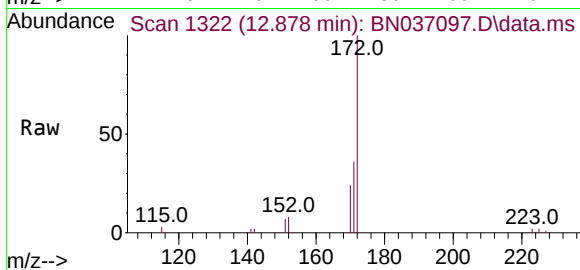
Tgt Ion:172 Resp: 5292

Ion Ratio Lower Upper

172 100

171 35.6 29.2 43.8

170 24.5 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: BN037097.D

Acq: 27 May 2025 21:12

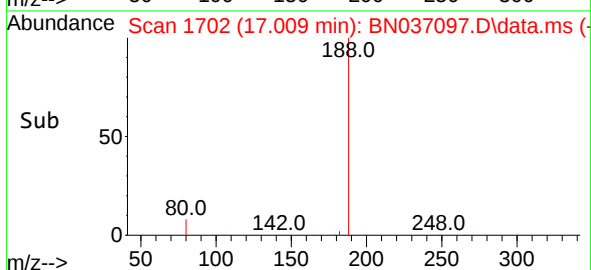
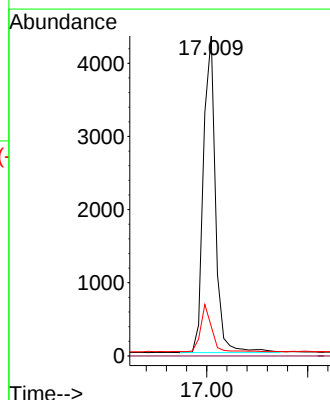
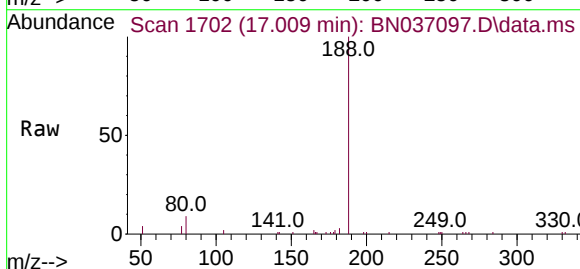
Tgt Ion:188 Resp: 7164

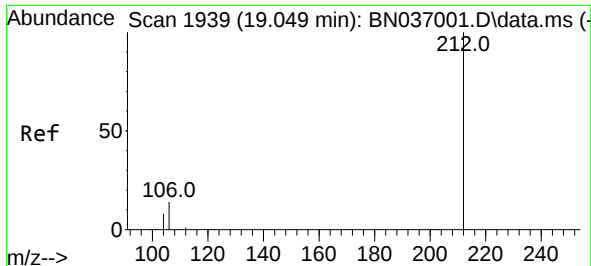
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

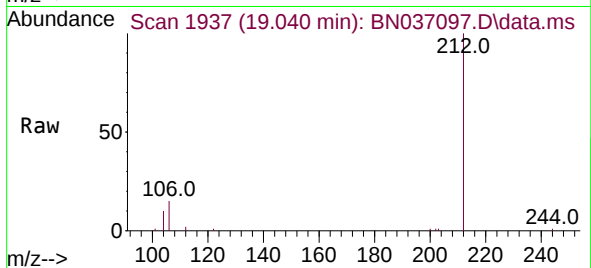
80 9.2 13.4 20.0#



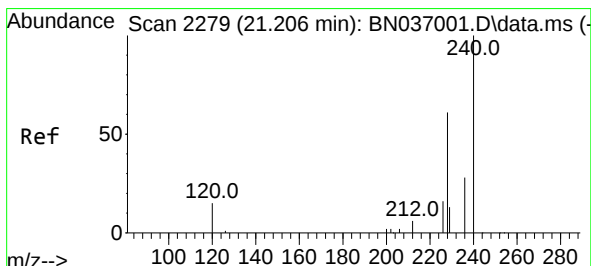
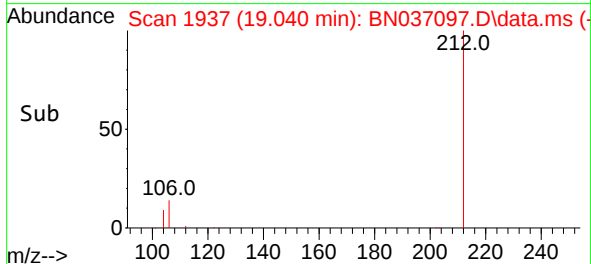
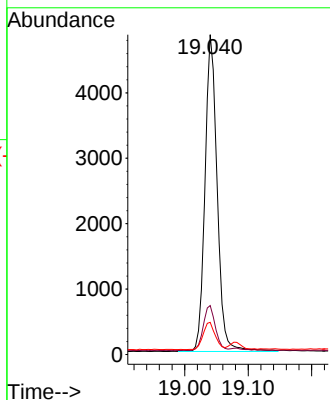


#27
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250522

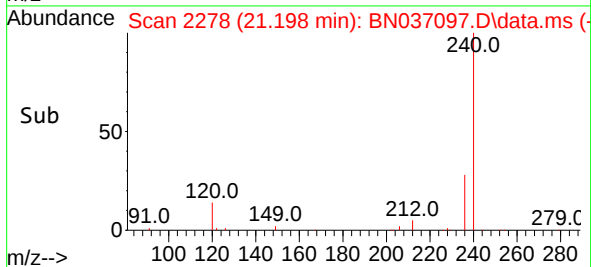
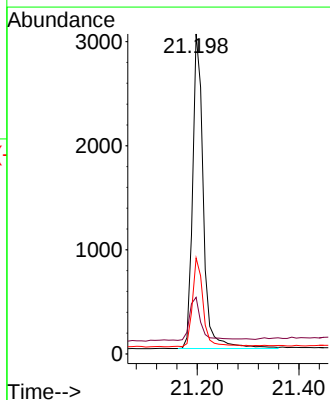
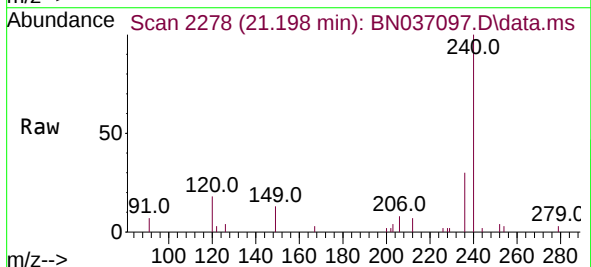


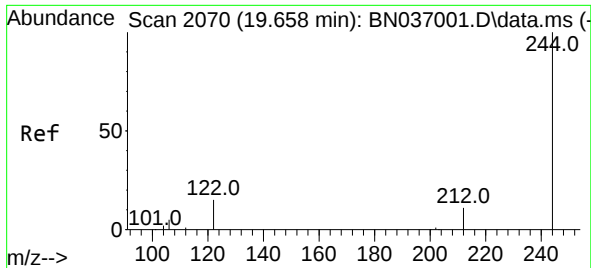
Tgt Ion:212 Resp: 6452
Ion Ratio Lower Upper
212 100
106 14.1 11.3 16.9
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037097.D
Acq: 27 May 2025 21:12

Tgt Ion:240 Resp: 4436
Ion Ratio Lower Upper
240 100
120 17.7 15.1 22.7
236 30.0 24.0 36.0

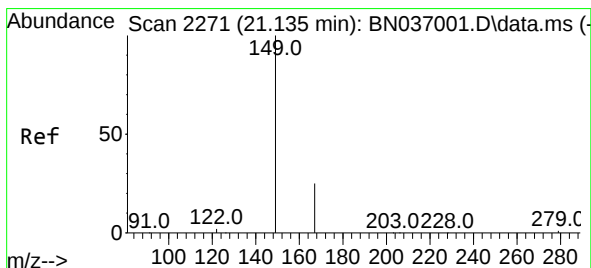
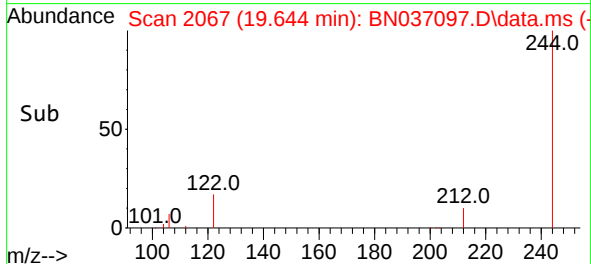
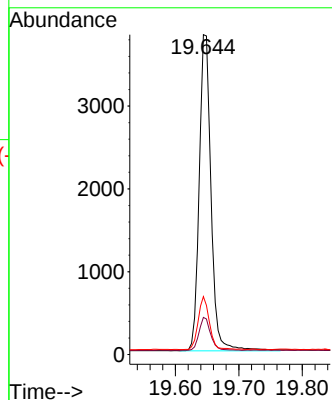
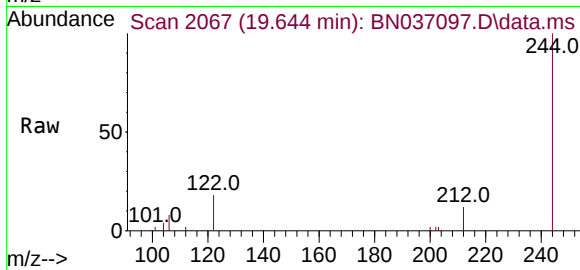




#31
 Terphenyl-d14
 Concen: 0.520 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037097.D
 Acq: 27 May 2025 21:12

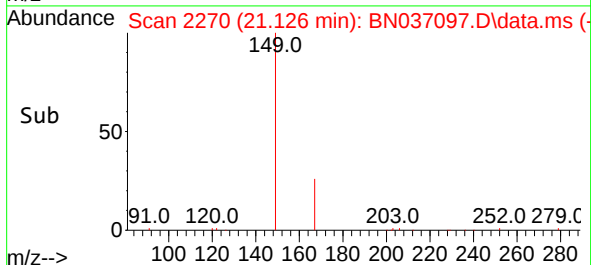
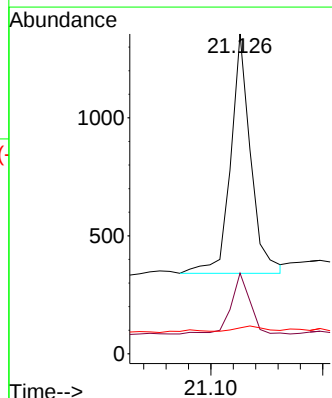
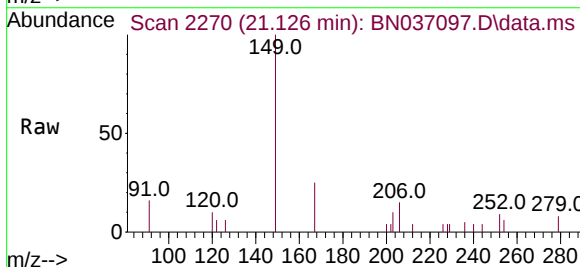
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522

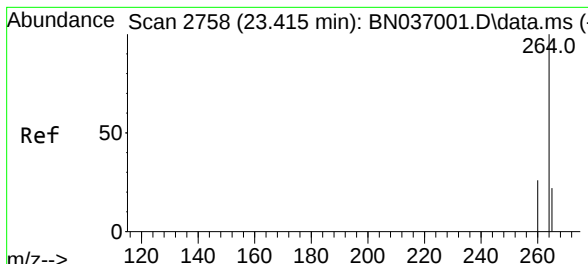
Tgt Ion:244 Resp: 4937
 Ion Ratio Lower Upper
 244 100
 212 11.6 9.7 14.5
 122 18.1 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037097.D
 Acq: 27 May 2025 21:12

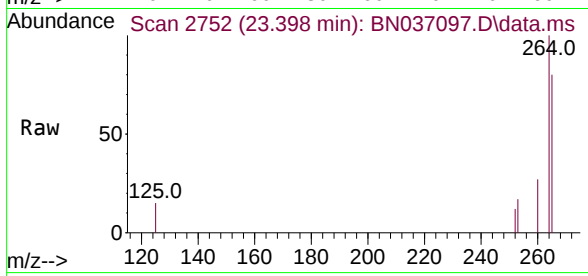
Tgt Ion:149 Resp: 1256
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.6 30.8
 279 2.7 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.398 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN037097.D
 Acq: 27 May 2025 21:12

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250522



Tgt Ion:264 Resp: 3806

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.9	32.9
265	80.0	51.6	77.4#

