

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
 Data File : BN037420.D
 Acq On : 27 Jun 2025 11:57
 Operator : RC/JU
 Sample : Q2373-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

Quant Time: Jun 27 12:19:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

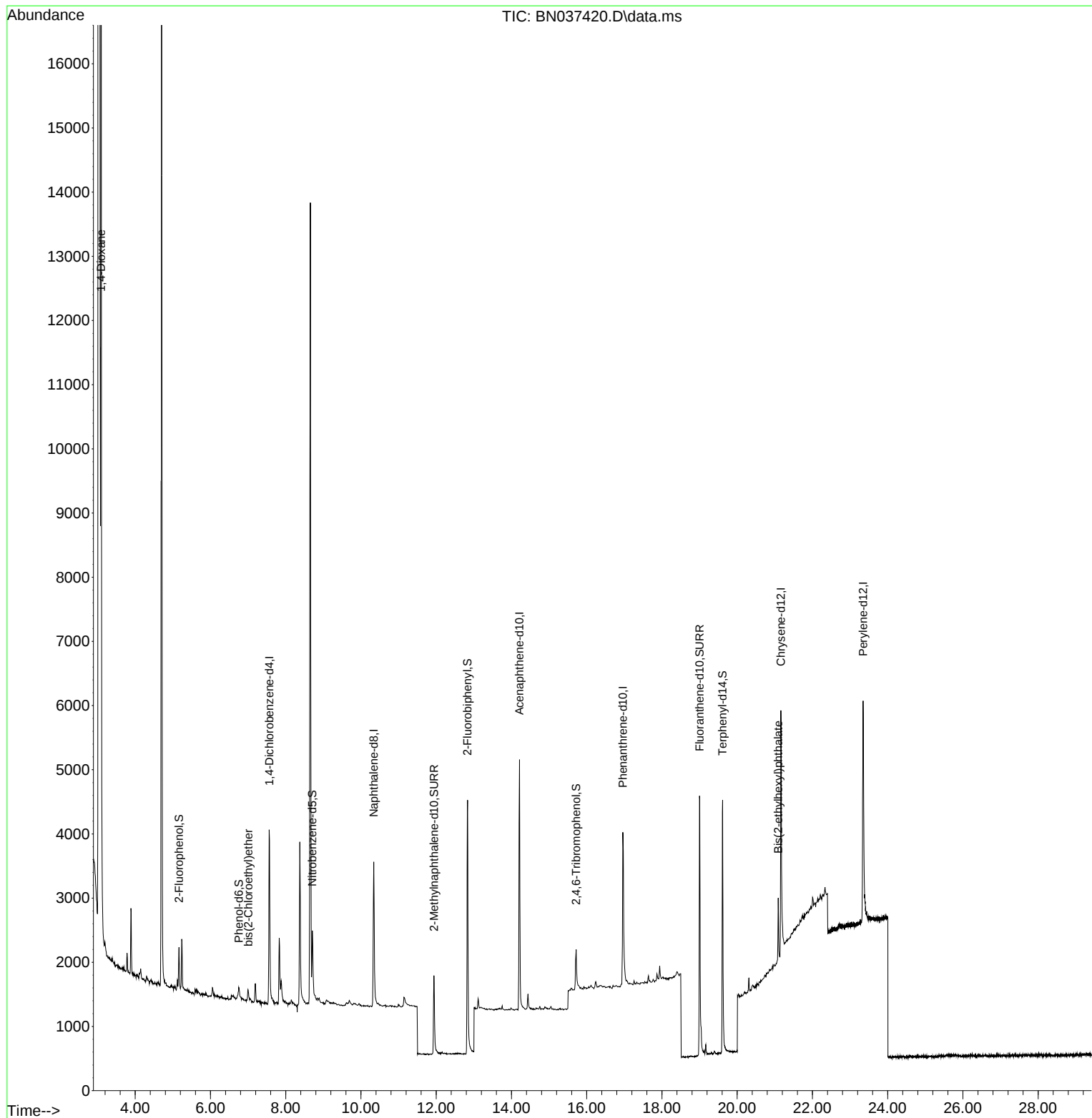
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	1613	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3612	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	2437	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	5011	0.400	ng	0.00
29) Chrysene-d12	21.162	240	5110	0.400	ng	# 0.00
35) Perylene-d12	23.348	264	5320	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	547	0.176	ng	0.00
5) Phenol-d6	6.752	99	249	0.077	ng	0.00
8) Nitrobenzene-d5	8.707	82	1047	0.362	ng	-0.01
11) 2-Methylnaphthalene-d10	11.940	152	2133	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	568	0.397	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	4204	0.400	ng	0.00
27) Fluoranthene-d10	18.998	212	6167	0.429	ng	0.00
31) Terphenyl-d14	19.611	244	4967	0.456	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.090	88	10880	7.113	ng	95
6) bis(2-Chloroethyl)ether	7.004	93	95	0.033	ng	# 33
34) Bis(2-ethylhexyl)phtha...	21.090	149	950	0.149	ng	# 94

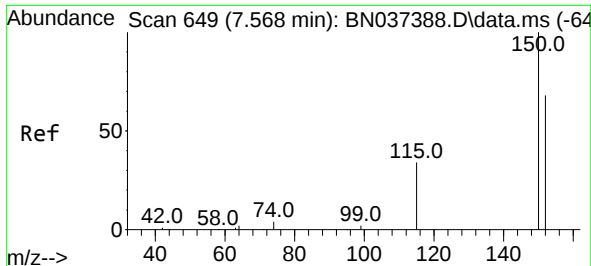
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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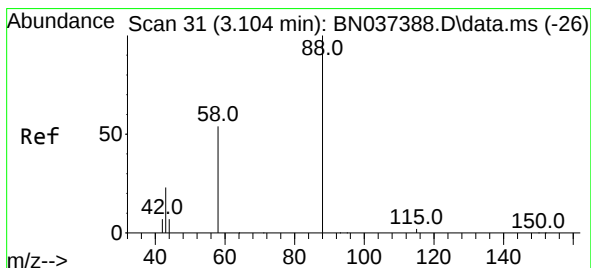
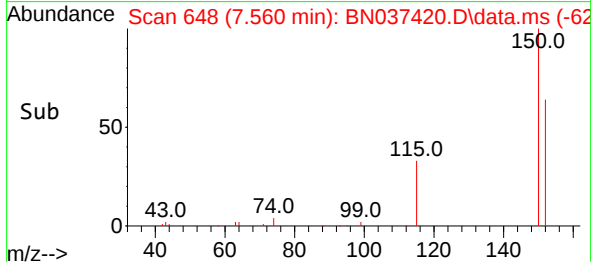
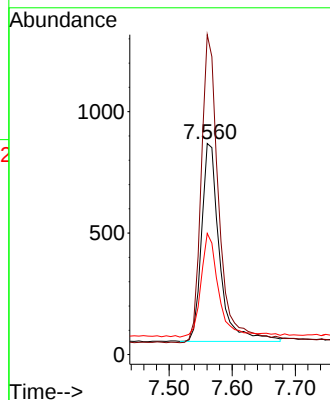
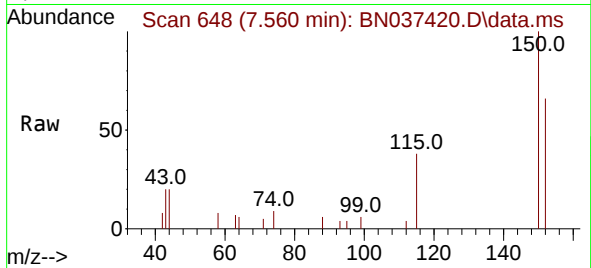




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.560 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

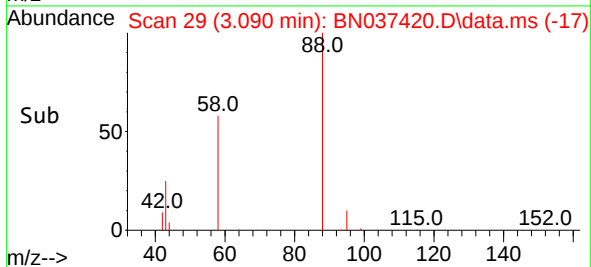
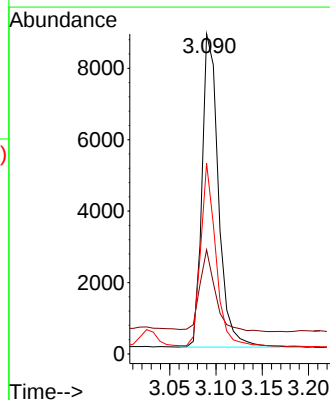
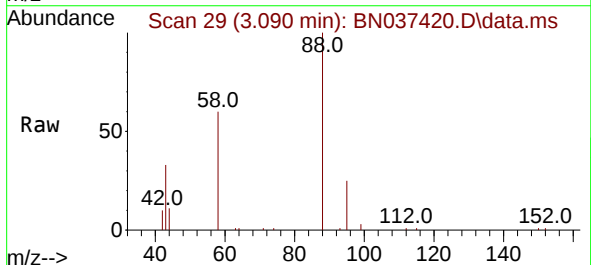
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

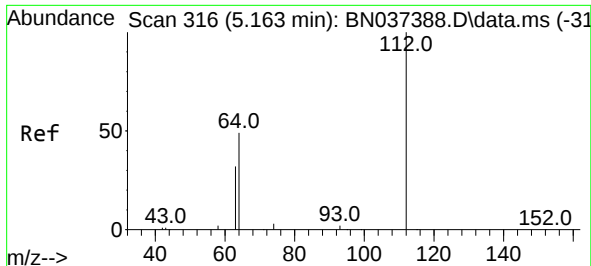
Tgt Ion:152 Resp: 1613
 Ion Ratio Lower Upper
 152 100
 150 151.6 116.2 174.2
 115 57.4 42.9 64.3



#2
 1,4-Dioxane
 Concen: 7.113 ng
 RT: 3.090 min Scan# 29
 Delta R.T. -0.015 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

Tgt Ion: 88 Resp: 10880
 Ion Ratio Lower Upper
 88 100
 43 24.7 21.6 32.4
 58 53.4 45.9 68.9

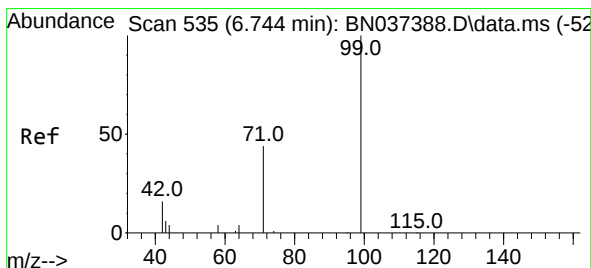
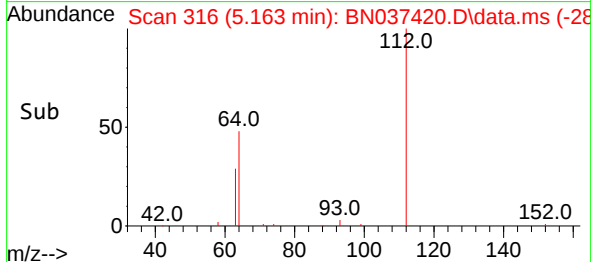
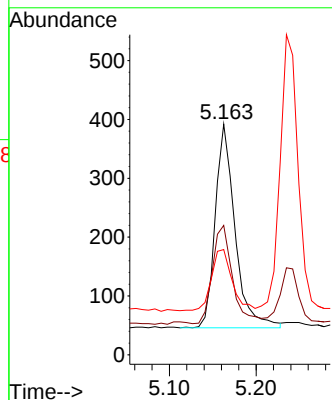
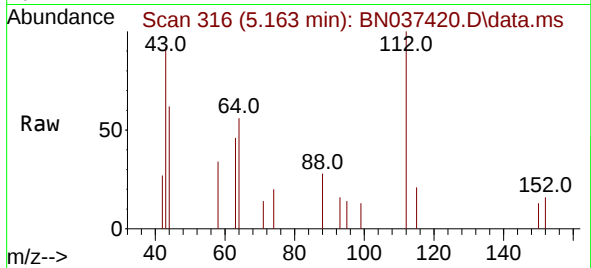




#4
2-Fluorophenol
Concen: 0.176 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

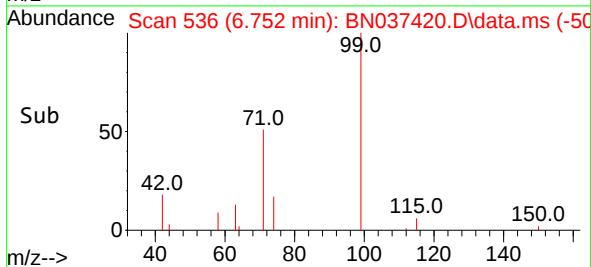
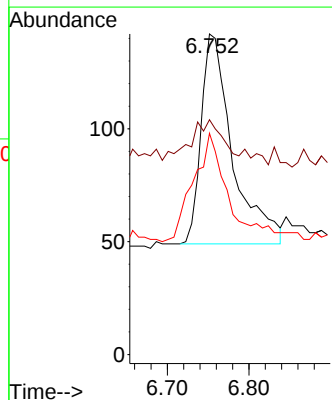
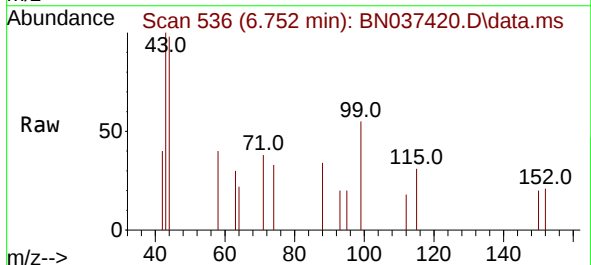
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

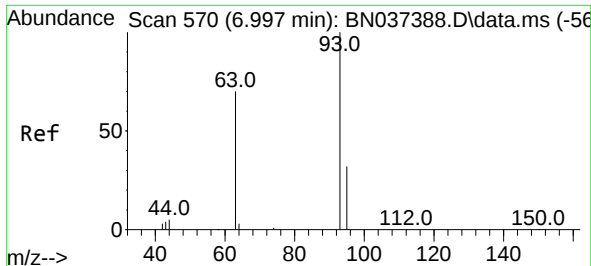
Tgt Ion:	112	Resp:	547
Ion	Ratio	Lower	Upper
112	100		
64	48.8	40.3	60.5
63	31.4	26.1	39.1



#5
Phenol-d6
Concen: 0.077 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

Tgt Ion:	99	Resp:	249
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	57.4	35.8	53.8

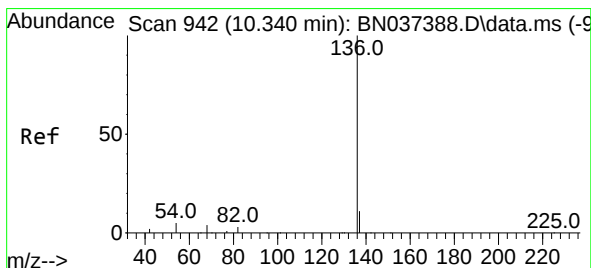
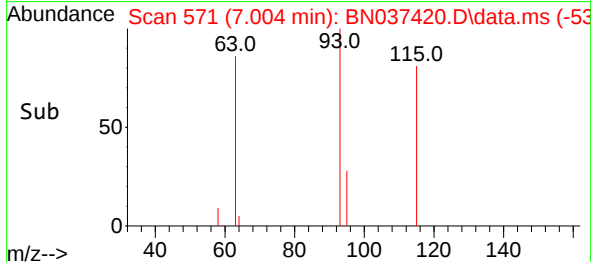
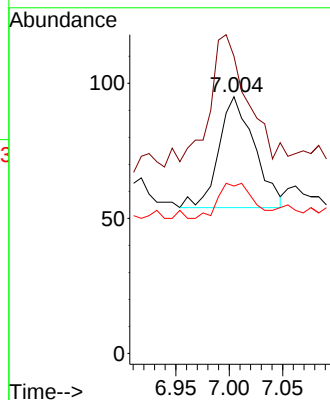
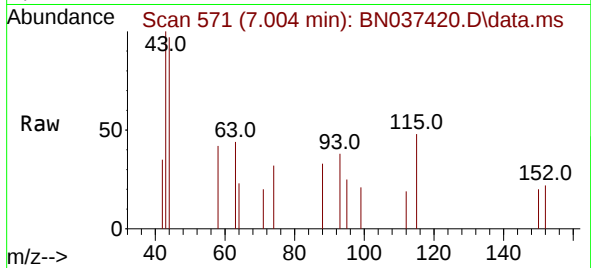




#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.004 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

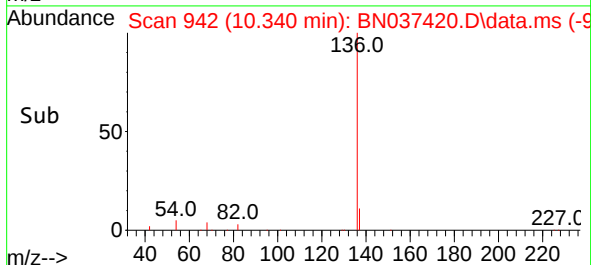
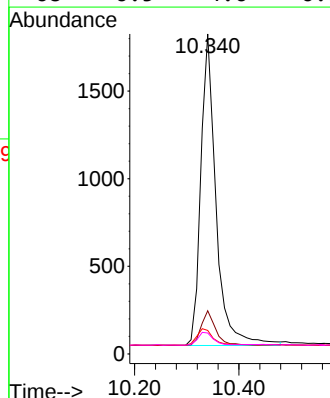
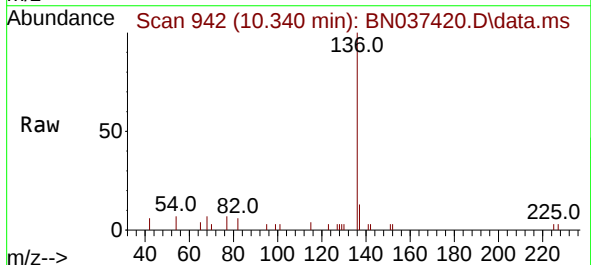
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

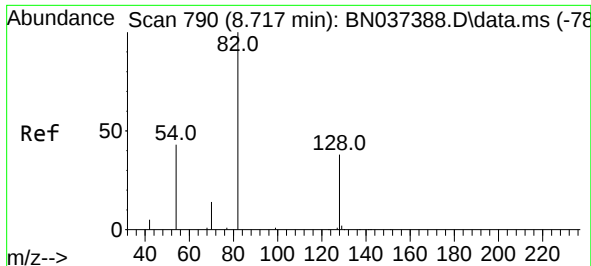
Tgt Ion: 93 Resp: 95
Ion Ratio Lower Upper
93 100
63 136.8 49.6 74.4#
95 31.6 23.9 35.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

Tgt Ion: 136 Resp: 3612
Ion Ratio Lower Upper
136 100
137 13.5 10.4 15.6
54 7.3 5.6 8.4
68 6.5 4.6 6.8

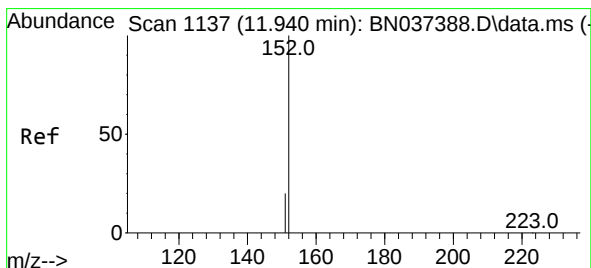
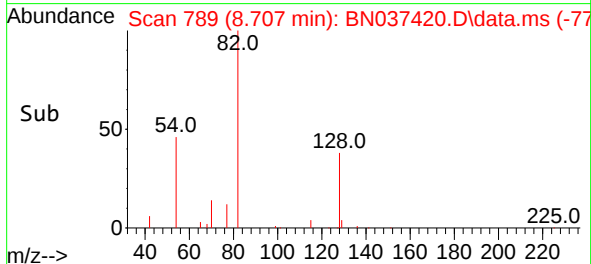
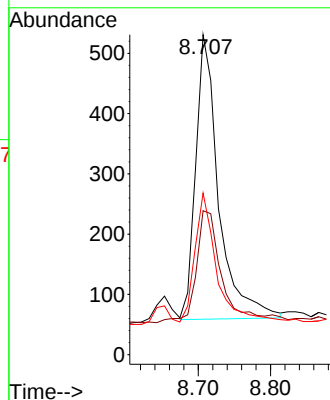
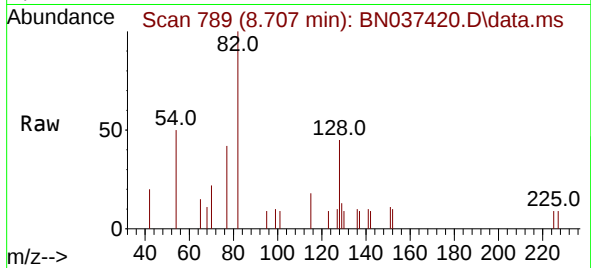




#8
 Nitrobenzene-d5
 Concen: 0.362 ng
 RT: 8.707 min Scan# 790
 Delta R.T. -0.011 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

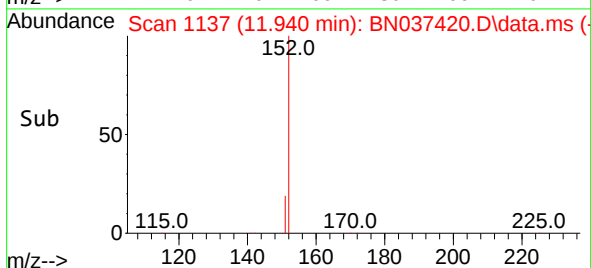
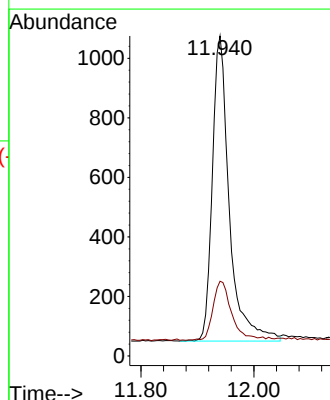
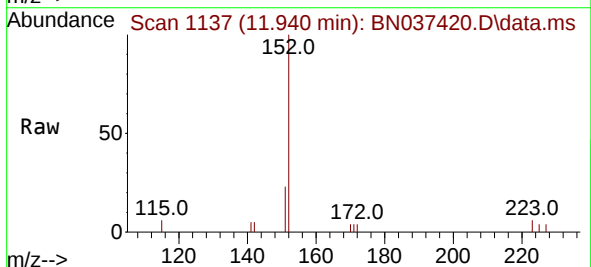
Instrument : BNA_N
 ClientSampleId : RW5-SP100-20250619

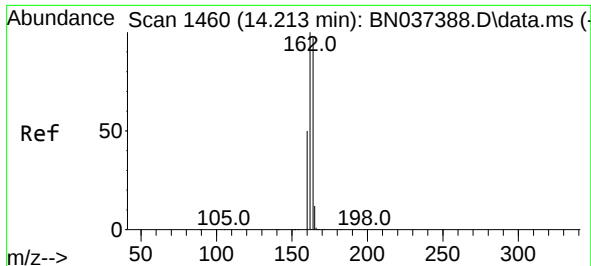
Tgt Ion:	82	Resp:	1047
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	50.5	37.7	56.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.382 ng
 RT: 11.940 min Scan# 1137
 Delta R.T. -0.000 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

Tgt Ion:	152	Resp:	2133
Ion	Ratio	Lower	Upper
152	100		
151	21.5	18.4	27.6

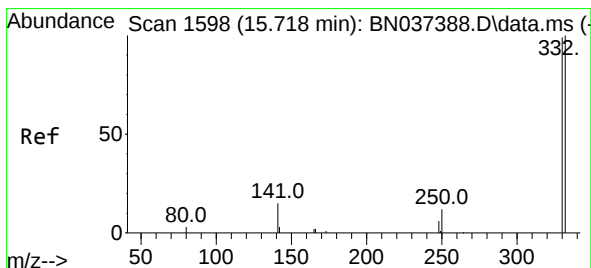
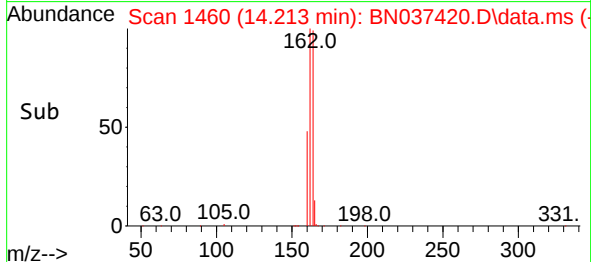
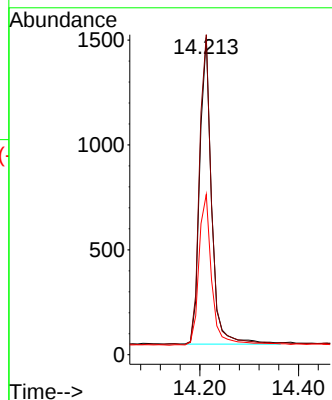
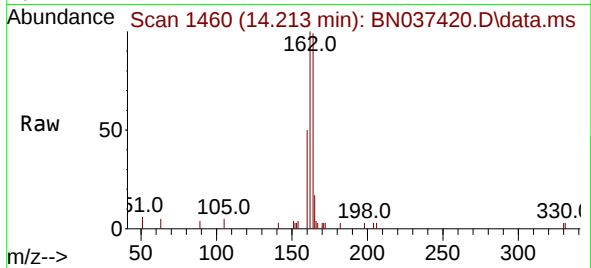




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

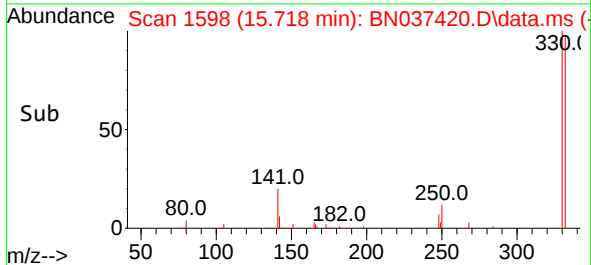
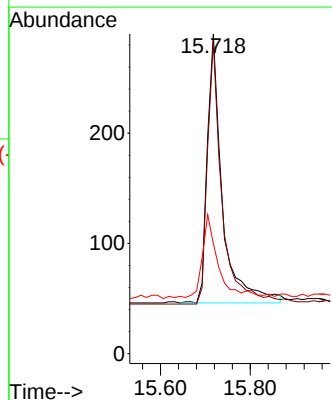
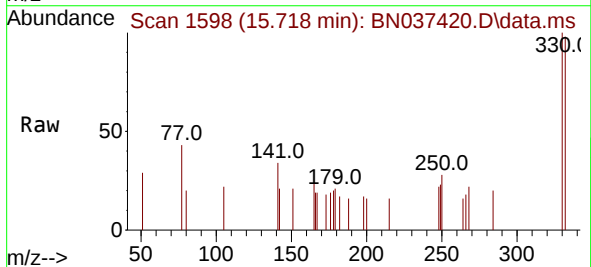
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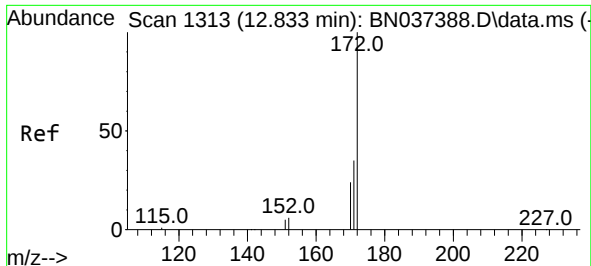
Tgt Ion:164 Resp: 2437
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 50.5 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

Tgt Ion:330 Resp: 568
Ion Ratio Lower Upper
330 100
332 94.2 77.8 116.8
141 31.5 24.0 36.0

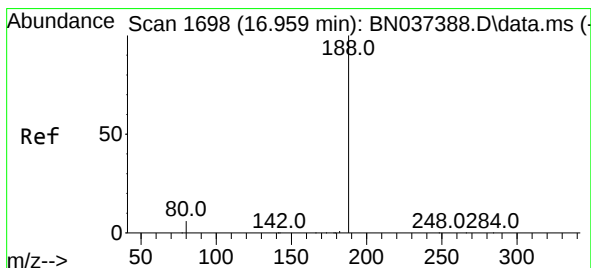
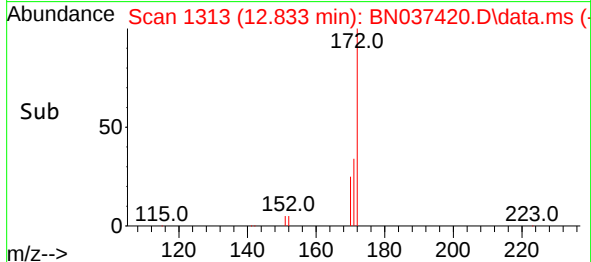
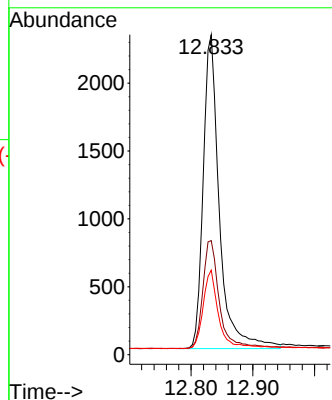
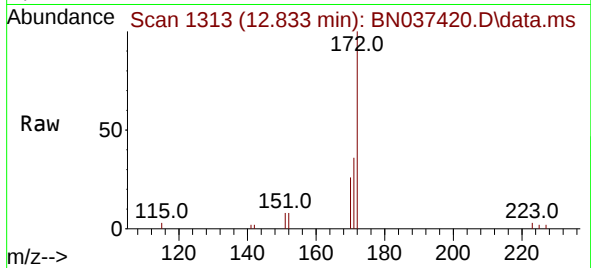




#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

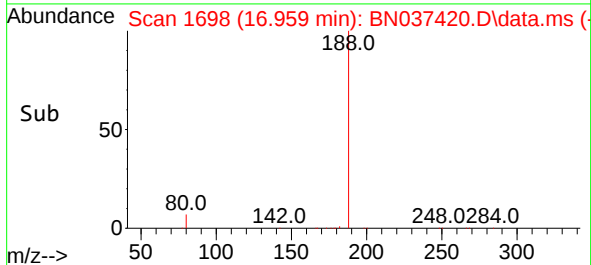
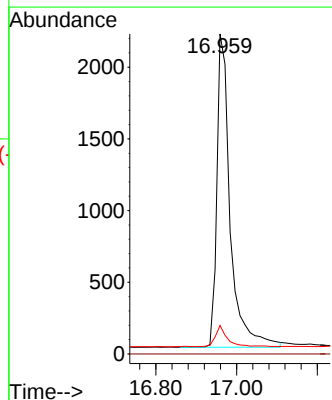
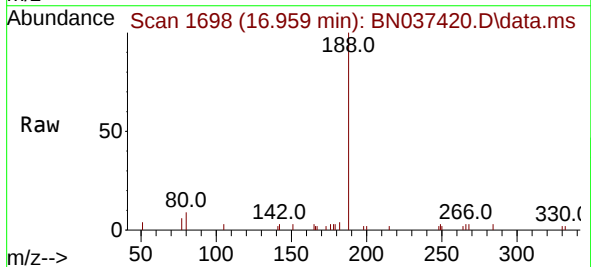
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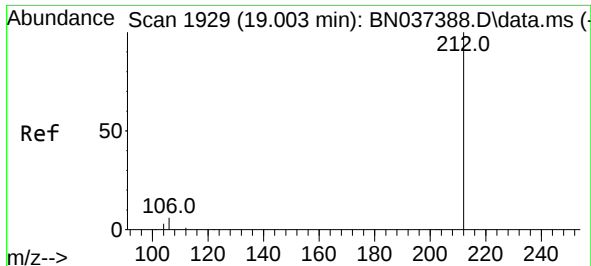
Tgt Ion:172	Resp:	4204
Ion Ratio	Lower	Upper
172	100	
171	35.6	28.8 43.2
170	26.4	20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

Tgt Ion:188	Resp:	5011
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.9	6.2 9.4

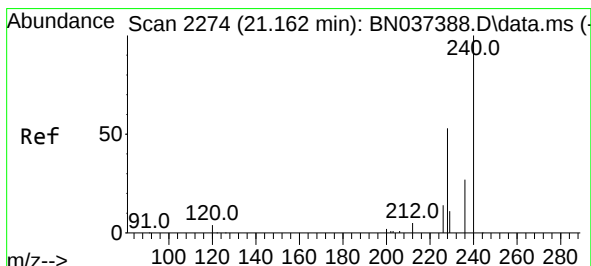
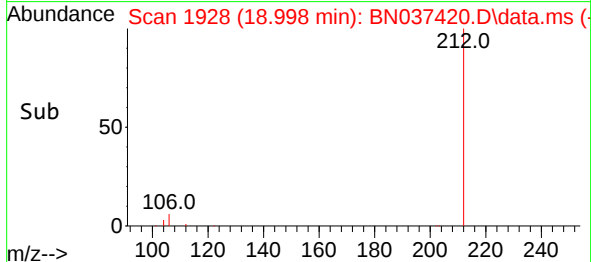
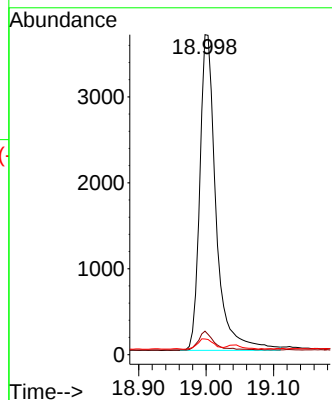
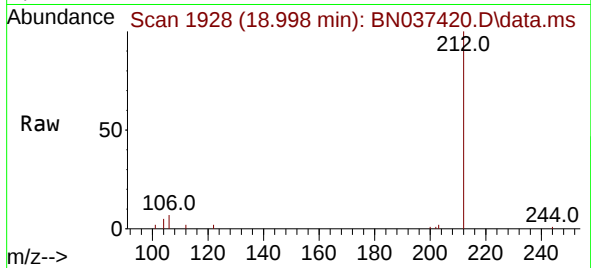




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 18.998 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

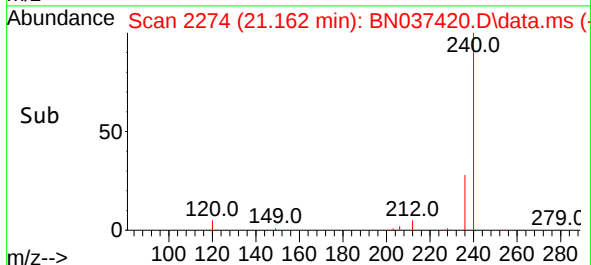
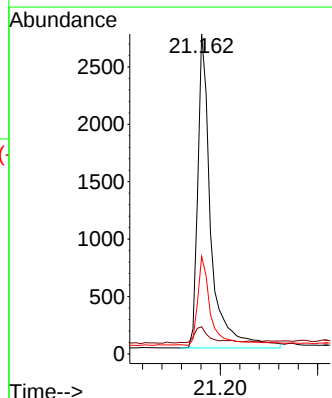
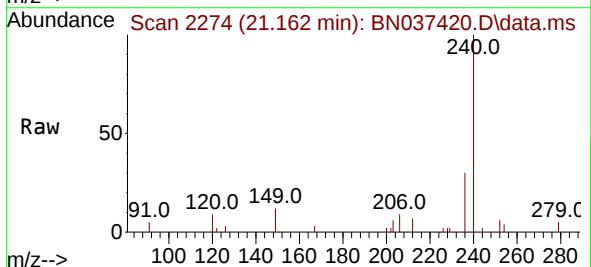
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250619

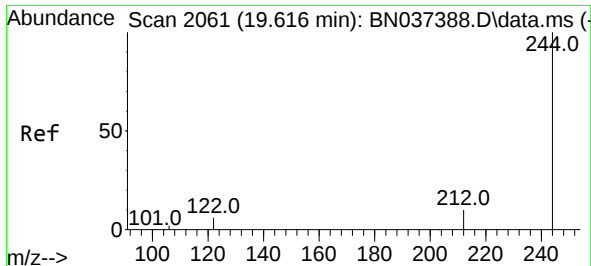
Tgt Ion:212 Resp: 6167
Ion Ratio Lower Upper
212 100
106 5.9 4.5 6.7
104 3.3 2.7 4.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BN037420.D
Acq: 27 Jun 2025 11:57

Tgt Ion:240 Resp: 5110
Ion Ratio Lower Upper
240 100
120 8.5 5.3 7.9#
236 30.5 22.7 34.1

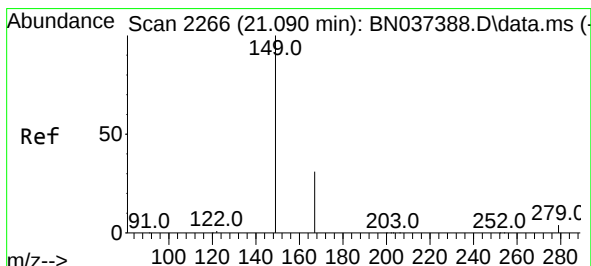
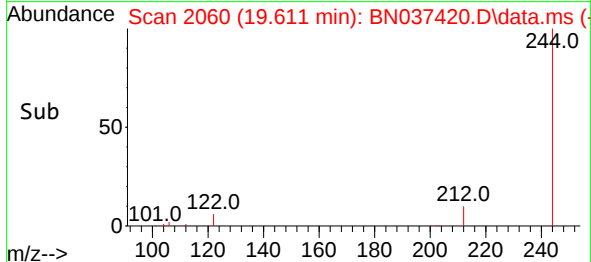
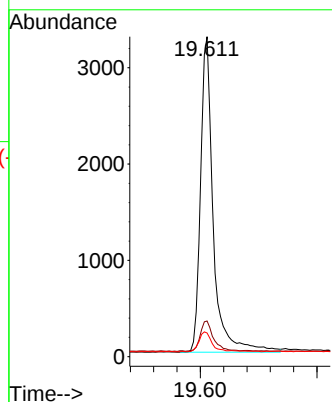
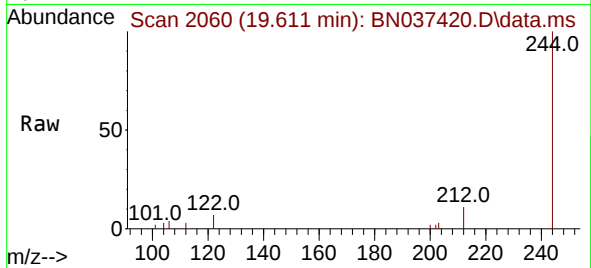




#31
 Terphenyl-d14
 Concen: 0.456 ng
 RT: 19.611 min Scan# 2061
 Delta R.T. -0.005 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

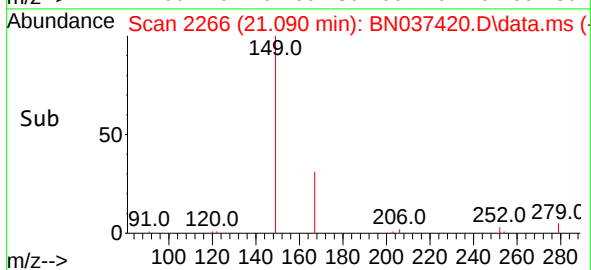
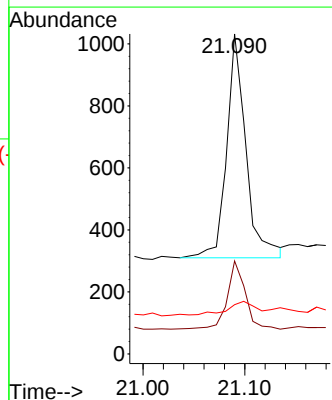
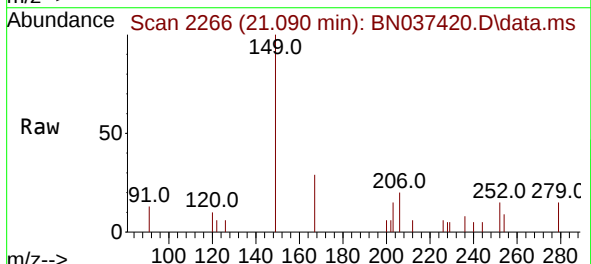
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619

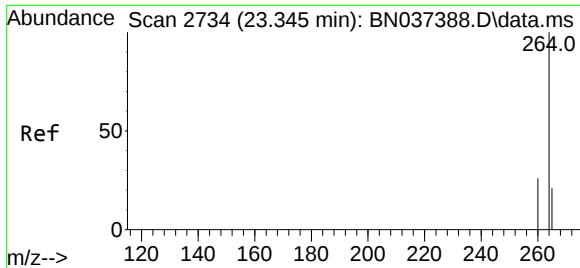
Tgt Ion:244	Resp:	4967
Ion Ratio	Lower	Upper
244	100	
212	11.2	9.1 13.7
122	7.4	6.3 9.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.149 ng
 RT: 21.090 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

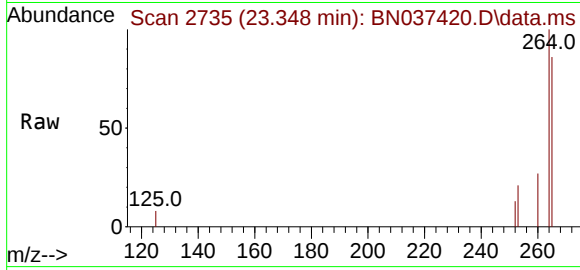
Tgt Ion:149	Resp:	950
Ion Ratio	Lower	Upper
149	100	
167	28.3	24.8 37.2
279	9.3	5.0 7.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.348 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037420.D
 Acq: 27 Jun 2025 11:57

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250619



Tgt Ion: 264 Resp: 5320

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.4	32.0
265	85.8	56.2	84.4

